



POWER PLAYBOOK

THE AUTOMOTIVE BATTERY APPLICATION GUIDE



2000-2020 MODEL YEARS PLUS SELECT VINTAGE MODELS

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Disclaimer

The replacement battery information in this catalog has been obtained from BCI, O.E. manufacturers and other industry sources. Interstate Batteries disclaims any liability, expressed or implied, for the accuracy of this information or for damages as a consequence of using or misusing this information. Since some manufacturers do not provide complete replacement battery data, an estimate for replacement battery size is given for end user guidance. For specific replacement battery size information, see the equipment manufacturer.

Descargo de responsabilidad

La información de baterías de reemplazo contenida en ese catálogo se ha obtenido del BCI, los fabricantes de equipo original y otras fuentes de la industria. Interstate Batteries renuncia a cualquier responsabilidad, ya sea explícita o implícita, por la exactitud de ésta información ó por los daños que ocurran por usar la información en este catálogo ó utilizarla de manera incorrecta. Debido a que ciertos fabricantes no proporcionan datos completos de reemplazo de baterías, se presenta una estimación del tamaño de la batería de repuesto como guía para el usuario final. Consulte con el fabricante del equipo para obtener información específica sobre el tamaño de la batería de repuesto.

Avis de non-responsabilité

Les informations publiées dans ce catalogue sur les batteries de remplacement ont été obtenues du BCI, des fabricants d'équipement d'origine répertoriés et d'autres sources de l'industrie. Interstate Batteries décline toute responsabilité, expresse ou implicite, en lien avec l'exactitude de l'information continue dans ce livre. Puisque certains fabricants ne fournissent pas des données complètes sur les batteries de remplacement, une estimation de la taille de la batterie de remplacement est fournie à titre de référence pour l'utilisateur final. Pour obtenir de l'information précise sur la taille de la batterie de remplacement, consultez le fabricant de l'équipement.

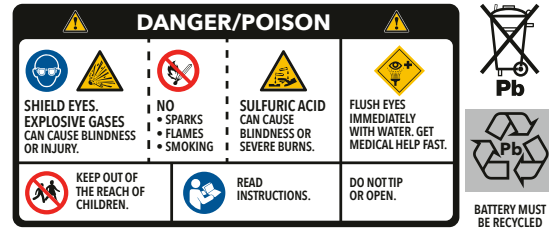
SAFETY FIRST

California Proposition 65 Warning

Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the state of California to cause cancer. Wash hands after handling.

Safe Practices when Working with Batteries

- Always wear proper eye and hand protection.
- Keep sparks, flames and cigarettes away from battery.
- Never lean over battery while testing or charging.
- Make sure work area is well ventilated.
- Do not breathe acid mist.
- Keep vent caps in place.



Safe Installation of Batteries

- Recommended: Use a 12-volt backup power supply when replacing the battery to prevent loss of computer memory. When using the battery backup, take precautions and cover the positive cable end to prevent grounding and possible computer damage.
- Disconnect the negative (-) cable first then the positive (+) cable.
- Clean the terminals on the new battery with a wire brush. Clean the battery cable ends with a wire brush and a battery cleaner or a baking soda and water mixture. Clean the battery tray of any debris that may puncture the bottom of the new battery.
- Install new battery in the same position as the old one. If the old battery has a wrap or shielding material, place on the new battery. If the wrap is damaged or missing replace it with a new one.
- Secure the battery in the tray with the hold down assembly. Replace any missing or damaged pieces. Attach the positive (+) battery cable to the positive (+) battery post and tighten; attach the negative (-) battery cable to the negative (-) battery post and tighten. See the torque specification below.

Automotive posts: 50 to 70 in-lbs

Side terminals: 70 to 90 in-lbs

$\frac{5}{16}$ " threaded studs: 100 to 120 in-lbs

$\frac{3}{8}$ " threaded studs: 120 to 180 in-lbs

Safe Charging of Batteries

- Never attempt to charge a battery without first reviewing the instructions that come with the charger.
- Keep vent caps in place.
- Turn the charger and timer "Off" before connecting the leads to the battery to avoid dangerous sparks.
- To avoid an explosion, never charge a visibly damaged or frozen battery.
- Connect the charger leads to the battery: red positive (+) lead to positive (+) terminal and black negative (-) lead to negative (-) terminal. If the battery is still in the vehicle, connect the ground cable – usually the negative (-) – to the engine block, away from the battery, to serve as a ground.
- Make sure that the connections are tight.
- Set the timer, turn the charger "On" and slowly increase the charging rate. Automatic chargers have a preset charging rate and may not have a switch for charge current (amperage) to be set. Consult the charger manufacturer or charger instruction manual before beginning the charging process.
- If the battery becomes hot to the touch or spews electrolyte, stop the charge and let the battery cool before proceeding.
- Turn the charger "Off" before removing charger leads from battery to avoid dangerous sparks.

Danger of Exploding Batteries

Batteries contain sulfuric acid and can produce explosive mixtures of hydrogen. The storage or work area must be well ventilated with no sources of ignition. Always wear proper personal protective equipment. Only remove the caps to check/add water and never charge a frozen battery.

Danger of Battery Acid

Use extreme caution when handling electrolyte, which is a sulfuric acid/water solution that can damage clothing and skin. Keep available an acid-neutralizing solution, such as baking soda.

- Wear proper eye, face and hand protection.
- If electrolyte is splashed into an eye, immediately force the eye open and flood it with clean, cool water for at least 15 minutes. Get prompt medical attention.
- If electrolyte is taken internally, drink large quantities of water or milk. DO NOT induce vomiting. Call a physician.
- Neutralize any spilled electrolyte with a neutralizer like baking soda. After neutralizing, sweep area and dispose of materials according to federal and state guidelines.
- Mixing acid can be very dangerous! Do not attempt without proper training.

BATTERY MAINTENANCE

Are Interstate's batteries maintenance-free?

Interstate's line of automotive and commercial heavy-duty conventional flooded batteries are maintenance-free under normal operating conditions.

What does the term maintenance-free mean when it comes to conventional flooded batteries?

Maintenance-free means that if the battery is used in normal operations, the battery will not lose excessive amount of water; in essence, the battery has a lifetime fill of electrolyte. In technical terms, the battery has low gas evolution. That's why some of the batteries don't have or need removable caps. The ones with removable caps are also maintenance-free but some maintenance is possible.

Do I have to do anything to my battery if it is maintenance-free?

Yes, you may not have to add water, but the battery case, terminals, cables and holddown hardware will need to be periodically cleaned and properly torqued. If you find the battery case to be cracked and leaking, replace the battery. You can use a wire brush and a battery cleaner or baking soda and water to neutralize acid and clean corrosion. Don't allow the cleaning solution to enter the battery cells. Battery terminal sealer spray or high-temperature grease can be used to prevent corrosion on battery terminals. Another important factor in battery maintenance is charging the battery. More on that below.

What conditions cause a battery to lose more water than normal?

Several factors can cause a battery to lose water faster than normal.

High temperatures. If you live in a hot climate and the battery is located in the engine compartment, the battery will experience very high temperatures causing it to lose water much faster. That's why it's important to reuse or replace any factory-installed heat shielding for the battery.

Deep discharges. Deeply discharging a battery along with the recharge will cause a battery to lose water at a faster rate.

Frequent discharges and recharges. More frequent discharges will accelerate water loss.

Over charging. A battery that is overcharged on a consistent basis will experience accelerated water loss. Keeping a battery fully charged is very important to the life of the battery, so choosing the correct charger for your battery will minimize water loss and damage from over or under charging.

If I need to add water, what kind of water do I use and how much?

It's best to add distilled water because it contains no minerals. Dissolved minerals in water will cause the battery to degrade faster over time. Never add acid, electrolyte or any other chemicals; this will void the warranty. The maximum fill level is $\frac{1}{8}$ " below the bottom of the vent well. The minimum electrolyte level is $\frac{1}{2}$ " above the plates. If the water level is very low and you need to charge the battery, add water about half way between the min and max fill level and then charge the battery. After charging, recheck the electrolyte level and add water as necessary. The electrolyte level will increase as the battery warms up. Overfilling the battery will cause the electrolyte to push out of the vents causing corrosion of the battery terminals and surrounding components.

Are there any batteries that are not maintenance-free?

Yes, any flooded deep-cycle, marine/RV, dual purpose or golf cart battery. Check and add distilled water as necessary. The minimum electrolyte level is $\frac{1}{2}$ " above the plates and maximum is $\frac{1}{8}$ " to $\frac{1}{4}$ " below the bottom of the vent wells. Check electrolyte levels every two to three months or as needed. The more often you use the battery, the faster the electrolyte levels drop.

What happens if a battery runs low on water?

If the electrolyte level drops to the top of the plates or below, the battery will fail rapidly and can develop severe sulfation, and in rare cases, it can explode. Running a battery low on water will increase the acid strength, which leads to faster grid corrosion and a hotter running battery. The acid at the top of the plates will dry and form sulfation crystals, which could cause a short in that cell.

What about maintaining absorbed glass-mat (AGM) batteries?

AGM batteries are by their very nature maintenance-free. The gassing is recombined inside the battery, so there is no water loss under normal operating conditions. If an AGM battery is subject to overcharging, it will vent those gases and dry out causing the battery to fail prematurely. Like all batteries, AGMs will need the battery case, terminals, cables and battery holddown hardware cleaned and torqued down on a regular basis.

BATTERY MAINTENANCE

Why is charging my battery important and what is sulfation?

Lead-acid batteries, such as conventional flooded, AGM or gel, must be kept at a 100% state of charge to keep them healthy and ready to use. If a battery is not charged completely after use or left in a discharged condition, it will sulfate. Sulfation occurs when the sulfuric acid from the electrolyte enters the plates during discharge and turns into crystals because the battery sat in a discharged condition. The condition can be difficult or impossible to reverse. A sulfated battery will have reduced capacity and poor performance. To avoid this condition charge the battery shortly after use. Batteries in storage should be charged every 2 to 3 months or a multistage smart charger can keep the battery on a float charge.

How do I check the state of charge of my battery?

You can use a voltmeter to measure the open circuit voltage (OCV) or a hydrometer to measure the specific gravity (SG) of the electrolyte if the battery has removable caps. When measuring OCV, the battery has had to sit idle for 24 hours before measuring the voltage to allow the surface charge to dissipate. You can speed up the removal of the surface charge by loading the battery with 15 to 30 amps for 30 seconds then allowing the battery to rest for 5 to 10 minutes to stabilize the voltage. Doing this will make the OCV measurement much more accurate. SG is the preferred method for conventional batteries. Reference Step 2 in the 4-Step Battery Check for flooded or AGM batteries.

How do I charge my battery?

For a battery to be properly charged, three basic things need to fall in line: proper charge voltage, proper amount of amperage and enough time to get the job done. The proper voltage is determined by the chemistry of the battery (flooded, AGM or gel). The battery manufacturer will specify what the proper charge and float voltages should be. The proper amperage will be determined by the rated amp hour (Ah) capacity of the battery. 10% of the Ah capacity is normal charge amperage while 15% of the Ah rating is a fast charge. If the battery is not rated in Ah, you can take the RC rating @ 25 amps and multiply it by 0.6 to come up with an approximate value for Ah at the 20-hour rate. Small automotive batteries generally fall in the 5- to 10-amp range, and larger batteries fall in the 10- to 15-amp range. Lastly is time; if you are using an automatic-type charger, it will automatically drop into a float stage at the end of charge. If you are using a manual charger, you will have to test the battery to see when it's fully charged.

**For a complete and up-to-date listing
of applications, including vintage, visit
<https://www.interstatebatteries.com/battery-finder>**

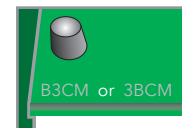
We value your feedback. If you have any suggestions regarding this guide, please send them to applicationguide@ibsa.com.

4-STEP BATTERY CHECK | FLOODED BATTERIES

Attention: A battery check is the first step of an electrical system diagnosis. Since a discharged battery may be a symptom of an underlying problem, also check the vehicle's electrical system. Ensure all tools and testers are calibrated and give accurate readings.

STEP 1: Visual Check

1. Check and replace batteries with physical damage to posts and case.
2. Clean the battery case and posts.
3. Check electrolyte levels and add distilled water as necessary. Minimum fill is ½" above the plates, maximum level is ⅛" below the bottom of the vent wells.
4. Read date code on the case (first two characters) or sticker to determine the age (month and year) of the battery.



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MONTH	A	B	C	D	E	F	G	H	I	J	K	L
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
YEAR	1	2	3	4	5	6	7	8	9	0	1	2
	11	12	13	14	15	16	17	18	19	20	21	22

STEP 2: State of Charge

1. If battery has removable vent caps, check state of charge with hydrometer. If sealed, check with voltmeter.
2. If state of charge is at least 75% and/or specific gravity varies less than 50 points between cells, go to Step 3 (Load Test). If more than 50 points between cells, replace battery.
3. If state of charge is less than 75%, charge battery.
4. Remove surface charge if battery has been charged (charger/alternator) immediately before testing. To remove surface charge, apply 150-Amp load for 10-15 seconds or allow battery to sit for 2-3 hours.

Hydrometer

Specific Gravity = State of Charge

1.285 = 100%

1.255 = 75%

1.225 = 50%

1.185 = 25%

1.140 = 0%

Recharge if 1 or more cells below 75%

Voltmeter

Volts = State of Charge

12.77 = 100%

12.61 = 75%

12.44 = 50%

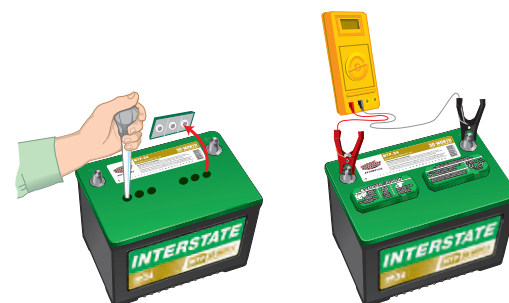
12.22 = 25%

12.00 = 0%

Recharge if below 75%

STEP 3: Load Test

1. Apply ½ of the battery's CCA rating for 15 seconds.
2. If the CCA rating is not visible on the battery, refer to OE CCA specification in the *Battery Applications* section of this guide.
3. Compare results to the nominal voltage results displayed on the Minimum Voltage Versus Battery Temperature chart below.
4. Batteries with voltage results below the minimum fail the load test. If battery fails load test, proceed to Step 4.



Minimum Voltage Versus Battery Temperature

BATTERY TEMP	F	100°	90°	80°	70°	60°	50°	40°	30°	20°	10°	0°
	C	38°	32°	27°	21°	16°	10°	4°	-1°	-7°	-12°	-18°
MINIMUM VOLTS		9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.1	8.9	8.7	8.5

STEP 4: Bounce-Back (apply to load test only)

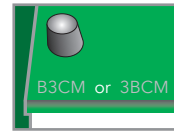
1. Continue to observe bounce-back voltage after load is removed.
2. If battery fails to bounce back to 12.61V (75% state of charge) within one minute, recharge and retest.
3. If battery voltage bounces back to 75% state of charge or above, replace battery.

4-STEP BATTERY CHECK | AGM BATTERIES

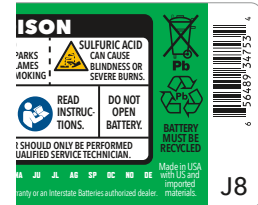
Attention: A battery check is the first step of an electrical system diagnosis. Since a discharged battery may be a symptom of an underlying problem, also check the vehicle's electrical system. Ensure all tools and testers are calibrated and give accurate readings.

STEP 1: Visual Check

1. Check and replace batteries with physical damage to posts and case. Clean the battery case and posts.
2. Read date code on the case (first two characters) or sticker to determine the age (month and year) of the battery.



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Example shown is an MTZ AGM battery. Other AGM battery date imprints may differ.

MONTH	A	B	C	D	E	F	G	H	I	J	K	L
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
YEAR	1	2	3	4	5	6	7	8	9	0	1	2
	11	12	13	14	15	16	17	18	19	20	21	22

STEP 2: State of Charge

1. Recharge if battery's open circuit voltage (OCV) is below 12.64V (about 75% state of charge). If the voltage is around 10.5V, the battery may be severely discharged or the battery could have a shorted cell. Charge the battery with caution and monitor it closely for signs of overheating. Charge the battery with a parallel or single type battery charger rated for AGM or sealed batteries.
2. Remove battery surface charge if battery has been charged immediately before testing (apply 150-Amp load for 15 seconds).
3. If battery is at or above its minimum OCV value, proceed to Step 3.

Voltmeter

Volts = State of Charge

12.88 = 100%

12.64 = 75%

12.39 = 50%

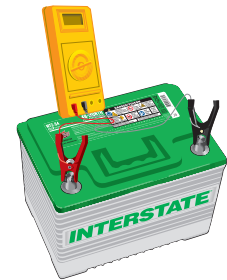
12.09 = 25%

11.80 = 0%

Recharge if below 75%

STEP 3: Load Test

1. Apply ½ CCA specification load, using a variable carbon pile load tester, for 15 seconds.
2. If you can't access the OE CCA rating, refer to "OE CCA" in the Application section and load battery at ½ OE specs.
3. Compare results to the nominal voltage results displayed on the Minimum Voltage Versus Battery Temperature chart below.
4. Batteries with voltage results below the minimum fail the load test. If battery fails load test, proceed to Step 4.



Minimum Voltage Versus Battery Temperature

BATTERY TEMP	F	100°	90°	80°	70°	60°	50°	40°	30°	20°	10°	0°
	C		38°	32°	27°	21°	16°	10°	4°	-1°	-7°	-12°
MINIMUM VOLTS		9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.1	8.9	8.7	8.5

STEP 4: Bounce-Back (apply to load test only)

1. Continue to observe bounce-back voltage after load is removed.
2. If battery fails to bounce back to 12.64V (75% state of charge) within one minute, recharge and retest.
3. If battery voltage bounces back to or above 12.65V, replace.

AUTOMOTIVE BATTERY SPECIFICATIONS • 12-VOLT

Group Size	Terminal BCI Figure	Part	Ratings	Warranty Free Months Total Years	Dimensions (inches)	Weight (lbs)	Notes	Group Size* Substitutions
24		MTP-24	CCA 750 CA 940 RC 130	30 months 6 years	L 11 W 6 7/8 H 8 3/4	44	Handle	78DT ^{1B,6} 75DT ^{1C,6} 34 ^{1B} 25 ⁶ 26 ^{1D}
		MT-24	CCA 600 CA 750 RC 110	24 months 5 years	L 10 1/4 W 6 7/8 H 8 3/4	39	Flat top	
		M-24HC	CCA 700 CA 875 RC 130	18 months	L 10 1/4 W 6 7/8 H 8 3/4	42		
		M-24	CCA 530 CA 660 RC 95	18 months	L 10 1/4 W 6 13/16 H 8 3/4	39		
		C24-XHD	CCA 575 CA 720 RC 130	18 months	L 10 1/4 W 6 13/16 H 8 3/4	41		
24F		MTX-24F	CCA 710 CA 885 RC 120	36 months	L 10 15/16 W 6 13/16 H 9	45	AGM (Absorbed Glass-Mat) Handle	75DT ^{1C,6} 78DT ^{1B,6} 35 ⁶ 34R ^{1B} 26R ^{1D}
		MTP-24F	CCA 750 CA 940 RC 130	30 months 6 years	L 11 W 6 7/8 H 8 3/4	44	Handle	
		MT-24F	CCA 600 CA 750 RC 110	24 months 5 years	L 10 1/4 W 6 7/8 H 8 3/4	39	Flat top	
		M-24FHC	CCA 700 CA 875 RC 130	18 months	L 11 W 6 7/8 H 8 3/4	42		
		M-24F	CCA 530 CA 660 RC 95	18 months	L 10 3/4 W 6 13/16 H 9	39		
25		MT-25	CCA 550 CA 690 RC 100	24 months 5 years	L 9 W 6 7/8 H 8 3/4	36		75DT ^{1C,6} 78DT ^{1B,6} 34 ^{1B,6} 24 ⁶ 26 ^{1D}
		M-25	CCA 550 CA 685 RC 100	18 months	L 9 W 6 7/8 H 8 3/4	36		
26		MT-26	CCA 525 CA 655 RC 85	24 months 5 years	L 8 W 6 3/4 H 7 3/4	29		75DT ⁶
		M-26	CCA 500 CA 625 RC 85	18 months	L 8 3/16 W 6 13/16 H 7 13/16	28		
26R		MT-26R	CCA 550 CA 675 RC 90	24 months 5 years	L 8 1/4 W 6 3/4 H 7 3/4	28		75DT ⁶
		M-26R	CCA 450 CA 560 RC 85	18 months	L 8 3/16 W 6 13/16 H 7 3/4	29		
27		MT-27	CCA 810 CA 1000 RC 140	24 months 5 years	L 12 W 6 3/4 H 8 7/8	49		78DT ^{1B,6} 34 ^{1B,6} 24 ⁶
		M-27	CCA 700 CA 875 RC 135	18 months	L 12 W 6 13/16 H 8 7/8	49		

TERMINALS: = Type A (automotive) Diagrams courtesy of Battery Council International (BCI)

WARRANTY: In US see page 18.

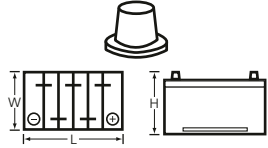
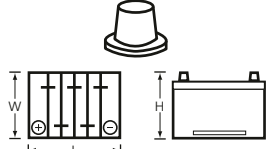
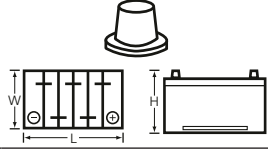
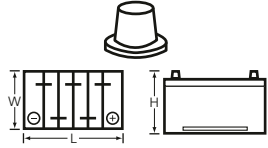
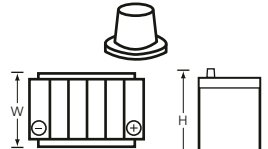
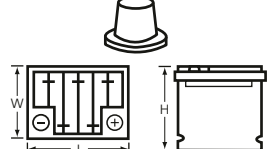
RATINGS: CCA (Cold Cranking Amps) - Cranking power for 30 seconds at 0° F (17.7° C).


CA (Cranking Amps) - Cranking power for 30 seconds at 32° F (0° C). Approximations only and should not be confused with CCA.

RC (Reserve Capacity) - Minutes of 25-Amp output at 80° F (26.6°).

***SUBSTITUTIONS:** For footnotes, see page 17. Disclaimer: The only recommended replacements are those batteries indicated in the Applications section of this *Battery Application Guide*. With substitutions, installer should check for adequate CCA and RC and should use best judgment regarding hood clearance, proper fit, cable length, proximity of terminals to under-hood components, and polarity. Interstate Batteries denies any liability for damages as a consequence of using or misusing this information.

AUTOMOTIVE BATTERY SPECIFICATIONS • 12-VOLT

Group Size	Terminal BCI Figure	Part	Ratings	Warranty Free Months Total Years	Dimensions (inches)	Weight (lbs)	Notes	Group Size* Substitutions
27F		MTP-27F	CCA 710 CA 890 RC 165	30 months 6 years	L 12 W 6 3/4 H 8 7/8	49		24F ⁶ 34R ⁶
		M-27F	CCA 700 CA 875 RC 135	18 months	L 12 W 6 13/16 H 8 7/8	50		
34		MTZ-34	CCA 800 CA 1000 RC 125	48 months	L 10 13/16 W 6 3/4 H 7 3/4	47	AGM (Absorbed Glass-Mat) Handle Comes with height adapter ¹	78DT ⁶ 75DT ⁶
		MTX-34	CCA 740 CA 925 RC 115	36 months	L 10 1/4 W 6 13/16 H 7 3/4	39	AGM (Absorbed Glass-Mat) Handle	
		MTP-34	CCA 800 CA 1000 RC 110	30 months 6 years	L 10 1/4 W 6 7/8 H 7 3/4	38		
		MT-34	CCA 700 CA 875 RC 120	24 months 5 years	L 10 1/4 W 6 7/8 H 7 3/4	37		
		M-34HC	CCA 685 CA 855 RC 120	18 months	L 10 1/4 W 6 13/16 H 7 7/8	37		
		M-34	CCA 540 CA 675 RC 90	18 months	L 10 1/4 W 6 13/16 H 7 7/8	37		
34R		MTZ-34R	CCA 800 CA 1000 RC 125	48 months	L 10 13/16 W 6 3/4 H 7 3/4	47	AGM (Absorbed Glass-Mat) Handle Comes with height adapter ¹	78DT ⁶ 26R ⁶
35		MTX-35	CCA 650 CA 800 RC 100	36 months	L 9 1/16 W 6 15/16 H 8 7/8	42	AGM (Absorbed Glass-Mat) Handle	75DT ^{1C,6} 78DT ^{1B,6} 24F ⁶ 34R ^{1B,6}
		MTP-35	CCA 640 CA 800 RC 100	30 months 6 years	L 9 W 6 7/8 H 8 3/4	38		
		MT-35	CCA 550 CA 690 RC 100	24 months 5 years	L 9 W 6 7/8 H 8 3/4	36		
		M-35HC	CCA 540 CA 675 RC 100	18 months	L 9 W 7 H 8 7/8	35		
		M-35	CCA 450 CA 560 RC 80	18 months	L 9 1/16 W 7 H 8 7/8	34		
36R		MT-36R	CCA 650 CA 810 RC 130	24 months 5 years	L 10 3/8 W 7 1/4 H 8 7/8	40		34R ^{1A} 58R
40R		MT-40R	CCA 590 CA 740 RC 105	24 months 5 years	L 10 15/16 W 6 7/8 H 6 7/8	34		91 42

TERMINALS:  = Type A (automotive)

WARRANTY: In US see page 18. Diagrams courtesy of Battery Council International (BCI)

RATINGS: **CCA (Cold Cranking Amps)** – Cranking power for 30 seconds at 0° F (17.7° C).

CA (Cranking Amps) – Cranking power for 30 seconds at 32° F (0° C). Approximations only and should not be confused with CCA.

RC (Reserve Capacity) – Minutes of 25-Amp output at 80° F (26.6°).

***SUBSTITUTIONS:** For footnotes, see page 17. Disclaimer: The only recommended replacements are those batteries indicated in the Applications section of this *Battery Application Guide*. With substitutions, installer should check for adequate CCA and RC and should use best judgment regarding hood clearance, proper fit, cable length, proximity of terminals to under-hood components, and polarity. Interstate Batteries denies any liability for damages as a consequence of using or misusing this information.

AUTOMOTIVE BATTERY SPECIFICATIONS • 12-VOLT

Group Size	Terminal BCI Figure	Part	Ratings	Warranty Free Months Total Years	Dimensions (inches)	Weight (lbs)	Notes	Group Size* Substitutions
41		MT-41	CCA 650 CA 810 RC 110	24 months 5 years	L 11 ½ W 6 7/8 H 6 5/8	35		
42		MT-42	CCA 500 CA 625 RC 75	24 months 5 years	L 9 3/8 W 7 H 6 3/4	28		91 42
50		C50-XHD	CCA 600 CA 750 RC 108	18 months	L 13 ¼ W 5 H 8 ¾	44		
51		MT-51	CCA 500 CA 625 RC 85	24 months 5 years	L 9 3/8 W 5 1/8 H 8 7/8	28		45
		M-51	CCA 425 CA 530 RC 75	18 months	L 9 3/8 W 5 1/8 H 8 7/8	27		
51R		MT-51R	CCA 500 CA 625 RC 85	24 months 5 years	L 9 3/8 W 5 1/8 H 8 7/8	28		
		M-51R	CCA 425 CA 530 RC 75	18 months	L 9 3/8 W 5 1/16 H 8 ¾	27		
56		MT-56	CCA 590 CA 740 RC 95	24 months 5 years	L 10 W 6 H 8 ¼	34	Comes with height adapter ¹⁰	
58		MT-58	CCA 540 CA 675 RC 80	24 months 5 years	L 9 ½ W 7 ¼ H 6 7/8	28		
		M-58HC	CCA 550 CA 685 RC 80	18 months	L 9 ½ W 7 ¼ H 6 7/8	28		
		M-58	CCA 460 CA 575 RC 60	18 months	L 10 1/16 W 7 3/16 H 7	28		
59		MT-59	CCA 590 CA 740 RC 100	24 months 5 years	L 10 1/16 W 7 5/8 H 7 ¾	32		65 58

TERMINALS: = Type A (automotive) Diagrams courtesy of Battery Council International (BCI)

WARRANTY: In US see page 18.

RATINGS: CCA (Cold Cranking Amps) - Cranking power for 30 seconds at 0° F (17.7° C).

CA (Cranking Amps) - Cranking power for 30 seconds at 32° F (0° C). Approximations only and should not be confused with CCA.

RC (Reserve Capacity) - Minutes of 25-Amp output at 80° F (26.6°).

***SUBSTITUTIONS:** For footnotes, see page 17. Disclaimer: The only recommended replacements are those batteries indicated in the Applications section of this *Battery Application Guide*. With substitutions, installer should check for adequate CCA and RC and should use best judgment regarding hood clearance, proper fit, cable length, proximity of terminals to under-hood components, and polarity. Interstate Batteries denies any liability for damages as a consequence of using or misusing this information.

AUTOMOTIVE BATTERY SPECIFICATIONS • 12-VOLT

Group Size	Terminal BCI Figure	Part	Ratings	Warranty Free Months Total Years	Dimensions (inches)	Weight (lbs)	Notes	Group Size* Substitutions
65		MTZ-65	CCA 770 CA 965 RC 130	48 months	L 11 13/16 W 7 3/16 H 7 3/8	50	AGM (Absorbed Glass-Mat) Handle	
		MTX-65	CCA 750 CA 935 RC 120	36 months	L 12 1/16 W 7 9/16 H 7 7/16	45	AGM (Absorbed Glass-Mat) Handle	
		MTP-65HD	CCA 850 CA 1000 RC 150	30 months 6 years	L 12 W 7 1/2 H 7 1/2	45		
		MTP-65	CCA 750 CA 940 RC 140	30 months 6 years	L 11 3/4 W 7 3/8 H 7 5/8	45		
		MT-65	CCA 675 CA 845 RC 130	24 months 5 years	L 12 W 7 1/2 H 7 1/2	41		
		M-65HC	CCA 850 CA 1000 RC 150	18 months	L 11 3/8 W 7 1/2 H 7 1/2	45		
		M-65	CCA 650 CA 810 RC 130	18 months	L 12 W 7 1/2 H 7 1/2	42		
		C65-XHD	CCA 750 CA 940 RC 140	18 months	L 12 W 7 1/2 H 7 1/2	45	Handle	
66		MT-66	CCA 750 CA 940 RC 140	24 months 5 years	L 12 1/16 W 7 7/16 H 7 11/16	46	Flat top, Single-port vent**	
67R		MTP-67R	CCA 400 CA 500 RC 65	30 months 6 years	L 9 1/8 W 6 13/16 H 6 13/16	25	Handle	
75		MTP-75	CCA 700 CA 875 RC 95	30 months 6 years	L 9 W 7 1/4 H 7 5/8	32		75DT ⁶ 78DT ⁶ 70
		MT-75	CCA 650 CA 810 RC 93	24 months 5 years	L 9 W 7 1/4 H 7 5/8	32		
		M-75HC	CCA 650 CA 810 RC 95	18 months	L 9 W 7 1/4 H 7 5/8	31		
		M-75	CCA 550 CA 685 RC 80	18 months	L 9 1/16 W 7 1/16 H 7 5/8	29		

TERMINALS: = Type A (automotive) = Type S (side) Diagrams courtesy of Battery Council International (BCI)

WARRANTY: In US see page 18.

RATINGS: CCA (Cold Cranking Amps) – Cranking power for 30 seconds at 0° F (17.7° C).

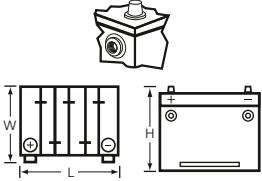
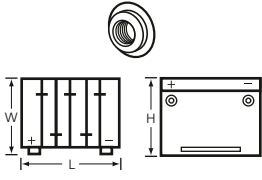
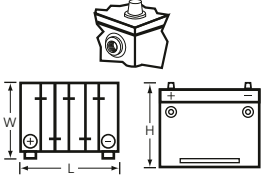
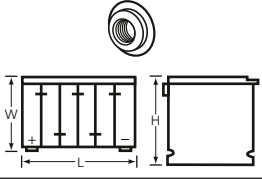
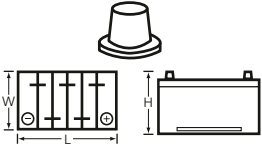
CA (Cranking Amps) – Cranking power for 30 seconds at 32° F (0° C). Approximations only and should not be confused with CCA.

RC (Reserve Capacity) – Minutes of 25-Amp output at 80° F (26.6°).

***SUBSTITUTIONS:** For footnotes, see page 17. Disclaimer: The only recommended replacements are those batteries indicated in the Applications section of this *Battery Application Guide*. With substitutions, installer should check for adequate CCA and RC and should use best judgment regarding hood clearance, proper fit, cable length, proximity of terminals to under-hood components, and polarity. Interstate Batteries denies any liability for damages as a consequence of using or misusing this information.

**** May need vent tube kit**

AUTOMOTIVE BATTERY SPECIFICATIONS • 12-VOLT

Group Size	Terminal BCI Figure	Part	Ratings	Warranty Free Months Total Years	Dimensions (inches)	Weight (lbs)	Notes	Group Size* Substitutions
75/86DT		MTZ-75DT	CCA 715 CA 895 RC 90	48 months	L 9 7/16 W 7 H 7 15/16	43	AGM (Absorbed Glass-Mat) Handle	
		MTP-75DT	CCA 650 CA 810 RC 93	30 months 6 years	L 9 1/2 W 7 1/4 H 8 3/8	34	Handle	
		M-75DTHC	CCA 650 CA 810 RC 93	18 months	L 9 1/2 W 7 1/4 H 8 3/8	32	Handle	
		M-75DT	CCA 450 CA 560 RC 75	18 months	L 9 1/2 W 7 1/4 H 8 3/8	29		
78		MTZ-78	CCA 800 CA 1000 RC 125	48 months	L 10 13/16 W 7 1/8 H 7 5/16	47	AGM (Absorbed Glass-Mat) Handle	78DT ⁶ 75DT ⁶ 75 70
		MTX-78	CCA 740 CA 925 RC 115	36 months	L 10 15/16 W 7 5/16 H 7 1/4	41	AGM (Absorbed Glass-Mat) Handle	
		MTP-78	CCA 800 CA 1000 RC 110	30 months 6 years	L 10 1/4 W 7 1/4 H 7 3/8	38		
		MT-78	CCA 700 CA 875 RC 120	24 months 5 years	L 10 1/4 W 7 1/4 H 7 3/8	37		
		M-78	CCA 680 CA 850 RC 120	18 months	L 10 1/4 W 7 1/16 H 7 5/16	37		
34/78DT		MTP-78DT	CCA 800 CA 1000 RC 115	30 months 6 years	L 10 5/16 W 6 7/8 H 7 13/16	40	Handle	34 34R 78
		M-78DT	CCA 780 CA 975 RC 115	18 months	L 10 1/4 W 6 13/16 H 7 7/8	39		
		C78DT-XHD	CCA 800 CA 1000 RC 115	18 months	L 10 5/16 W 6 7/8 H 7 13/16	40	Handle	
79		MT-79	CCA 840 CA 1050 RC 140	24 months 5 years	L 12 1/16 W 7 1/16 H 7 3/8	42	Flat top Dual-port vent**	
85		MT-85	CCA 625 CA 780 RC 95	24 months 5 years	L 9 1/16 W 6 13/16 H 8	32		

TERMINALS:  = Type DT (dual)  = Type S (side)  = Type A (automotive) Diagrams courtesy of Battery Council International (BCI)

WARRANTY: In US see page 18.

RATINGS: CCA (Cold Cranking Amps) – Cranking power for 30 seconds at 0° F (17.7° C).

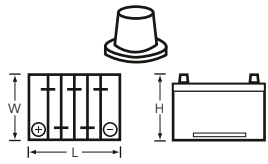
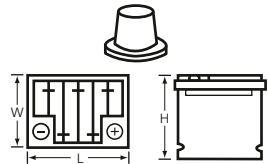
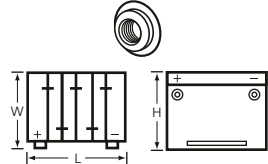
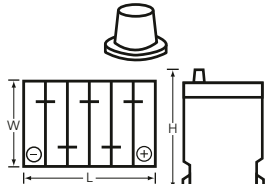
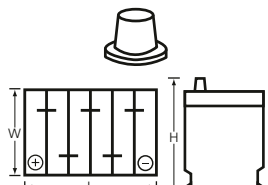
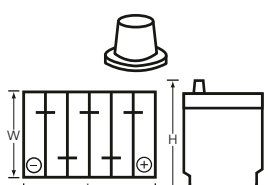
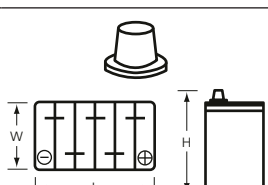
CA (Cranking Amps) – Cranking power for 30 seconds at 32° F (0° C). Approximations only and should not be confused with CCA.

RC (Reserve Capacity) – Minutes of 25-Amp output at 80° F (26.6°).

***SUBSTITUTIONS:** For footnotes, see page 17. Disclaimer: The only recommended replacements are those batteries indicated in the Applications section of this *Battery Application Guide*. With substitutions, installer should check for adequate CCA and RC and should use best judgment regarding hood clearance, proper fit, cable length, proximity of terminals to under-hood components, and polarity. Interstate Batteries denies any liability for damages as a consequence of using or misusing this information.

**** May need vent tube kit**

AUTOMOTIVE BATTERY SPECIFICATIONS • 12-VOLT

Group Size	Terminal BCI Figure	Part	Ratings	Warranty Free Months Total Years	Dimensions (inches)	Weight (lbs)	Notes	Group Size* Substitutions
86		MTP-86	CCA 650 CA 810 RC 95	30 months 6 years	L 9 1/16 W 6 7/8 H 8	32	Flat top	75DT ⁶ 26 ⁶
		MT-86	CCA 525 CA 655 RC 90	24 months 5 years	L 9 1/16 W 6 7/8 H 8	31		
		M-86	CCA 520 CA 650 RC 90	18 months	L 9 W 6 3/4 H 8	31		
96R		MTP-96R	CCA 590 CA 740 RC 95	30 months 6 years	L 9 1/2 W 6 15/16 H 6 15/16	30		
		M-96R	CCA 500 CA 625 RC 90	18 months	L 9 1/2 W 7 H 7	30		
101		MT-101	CCA 650 CA 810 RC 110	24 months 5 years	L 10 1/4 W 7 1/16 H 6 1 1/16	36	Flat top Dual-port vent**	
121R		MT-121R	CCA 600 CA 750 RC 100	24 months 5 years	L 9 3/8 W 5 1/2 H 8 7/8	31	Flat top	
124		MT-124	CCA 700 CA 875 RC 120	24 months 5 years	L 10 3/8 W 7 H 8 3/8	40	Flat top	
124R		MTP-124R	CCA 700 CA 875 RC 120	30 months 6 years	L 10 3/8 W 7 H 8 5/8	39	Flat top	
		M-124R	CCA 675 CA 840 RC 120	18 months	L 10 3/8 W 7 H 8 3/8	40		
151R		MTP-151R	CCA 370 CA 465 RC 57	30 months 6 years	L 7 7/16 W 4 15/16 H 8 7/8	23		

TERMINALS:  = Type A (automotive)  = Type S (side) Diagrams courtesy of Battery Council International (BCI)

WARRANTY: In US see page 18.

RATINGS: CCA (Cold Cranking Amps) – Cranking power for 30 seconds at 0° F (17.7° C).

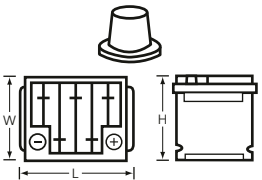
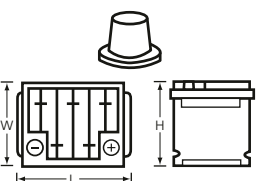
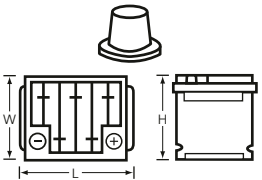
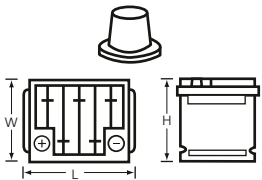
CA (Cranking Amps) – Cranking power for 30 seconds at 32° F (0° C). Approximations only and should not be confused with CCA.

RC (Reserve Capacity) – Minutes of 25-Amp output at 80° F (26.6°).

***SUBSTITUTIONS:** For footnotes, see page 17. Disclaimer: The only recommended replacements are those batteries indicated in the Applications section of this *Battery Application Guide*. With substitutions, installer should check for adequate CCA and RC and should use best judgment regarding hood clearance, proper fit, cable length, proximity of terminals to under-hood components, and polarity. Interstate Batteries denies any liability for damages as a consequence of using or misusing this information.

**** May need vent tube kit**

AUTOMOTIVE BATTERY SPECIFICATIONS • 12-VOLT

Group Size	Terminal BCI Figure	Part	Ratings	Warranty Free Months Total Years	Dimensions (inches)	Weight (lbs)	Notes	Group Size* Substitutions
H4 (140R)		MTP-H4	CCA 470 CA 585 RC 74 Ah 52	30 months 6 years	L 8 1/8 W 6 7/8 H 7 1/2	35	Handle Dual-port vent**	
H5 (47)		MTX-47/H5	CCA 650 CA 750 RC 100 Ah 60	36 months	L 9 9/16 W 6 15/16 H 7 1/2	39	AGM (Absorbed Glass-Mat) Handle Dual-port vent**	
		MT-47/H5	CCA 650 CA 810 RC 100 Ah 54	24 months 5 years	L 9 9/16 W 6 15/16 H 7 1/2	33	Handle Dual-port vent**	
		M-47/H5	CCA 630 CA 785 RC 100 Ah 54	18 months	L 9 9/16 W 6 15/16 H 7 1/2	33	Handle, Dual-port vent**	
H6 (48)		MTZ-48/H6	CCA 730 CA 915 RC 130 Ah 70	48 months	L 10 15/16 W 6 7/8 H 7 1/2	48	AGM (Absorbed Glass-Mat) Handle Dual-port vent**	
		MTX-48/H6	CCA 760 CA 950 RC 120 Ah 70	36 months	L 10 15/16 W 6 7/8 H 7 1/2	45	AGM (Absorbed Glass-Mat) Double handle Dual-port vent**	
		MTP-48/H6	CCA 730 CA 910 RC 115 Ah 70	30 months 6 years	L 11 W 6 15/16 H 7 1/2	39	Handle Dual-port vent**	
		MT-48/H6	CCA 615 CA 770 RC 95 Ah 50	24 months 5 years	L 10 15/16 W 6 7/8 H 7 1/2	35	Handle Dual-port vent**	
		M-48/H6	CCA 610 CA 760 RC 95 Ah 50	18 months	L 10 7/8 W 6 15/16 H 7 1/2	35	Handle Dual-port vent**	
H6R (148)		MTP-H6R	CCA 600 CA 750 RC 110 Ah 74	30 months 6 years	L 11 W 6 7/8 H 7 3/8	48	Double handle Dual-port vent**	

TERMINALS:  = Type A (automotive) Diagrams courtesy of Battery Council International (BCI)

WARRANTY: In US see page 18.

RATINGS: CCA (Cold Cranking Amps) – Cranking power for 30 seconds at 0° F (17.7° C).

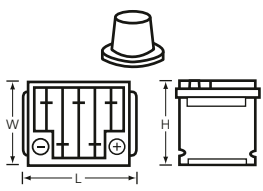
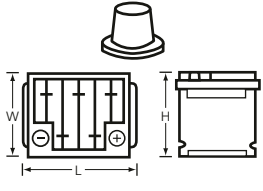
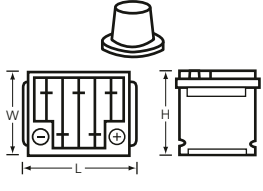


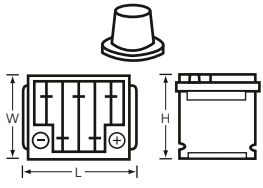
CA (Cranking Amps) – Cranking power for 30 seconds at 32° F (0° C). Approximations only and should not be confused with CCA.

RC (Reserve Capacity) – Minutes of 25-Amp output at 80° F (26.6°).

***SUBSTITUTIONS:** For footnotes, see page 17. Disclaimer: The only recommended replacements are those batteries indicated in the Applications section of this *Battery Application Guide*. With substitutions, installer should check for adequate CCA and RC and should use best judgment regarding hood clearance, proper fit, cable length, proximity of terminals to under-hood components, and polarity. Interstate Batteries denies any liability for damages as a consequence of using or misusing this information.

**** May need vent tube kit**

AUTOMOTIVE BATTERY SPECIFICATIONS • 12-VOLT

Group Size	Terminal BCI Figure	Part	Ratings	Warranty Free Months Total Years	Dimensions (inches)	Weight (lbs)	Notes	Group Size* Substitutions
H7 (94R)		MTX-94R/H7	CCA 850 CA 1000 RC 140 Ah 80	36 months	L 12 3/8 W 6 7/8 H 7 1/2	52	AGM (Absorbed Glass-Mat) Double handle Dual-port vent**	
		MTP-94R/H7	CCA 790 CA 985 RC 130 Ah 80	30 months 6 years	L 12 3/8 W 6 7/8 H 7 1/2	43	Handle Dual-port vent**	
		M-94R/H7	CCA 750 CA 935 RC 130 Ah 80	18 months	L 12 7/16 W 6 15/16 H 7 1/2	43	Handle Dual-port vent**	
H8 (49)		MTX-49/H8	CCA 900 CA 1000 RC 160 Ah 95	36 months	L 13 15/16 W 6 7/8 H 7 1/2	59	AGM (Absorbed Glass-Mat) Double handle Dual-port vent**	
		MTP-49/H8	CCA 730 CA 910 RC 175 Ah 100	30 months 6 years	L 13 15/16 W 6 7/8 H 7 1/2	50	Handle Dual-port vent**	
		MT-49/H8	CCA 900 CA 1000 RC 150 Ah 80	24 months 5 years	L 13 15/16 W 6 15/16 H 7 1/2	48	Handle Dual-port vent**	
		M-49/H8	CCA 850 CA 1000 RC 150 Ah 80	18 months	L 13 15/16 W 6 15/16 H 7 1/2	48	Handle Dual-port vent**	
H9 (95R)		MTX-95R/H9	CCA 950 CA 1000 RC 190 Ah 100	36 months	L 15 9/16 W 6 15/16 H 7 1/2	65	AGM (Absorbed Glass-Mat) Double handle Dual-port vent**	
		MTP-95R/H9	EN 850 CA 1000 RC 180 Ah 110	30 months 6 years	L 15 9/16 W 6 15/16 H 7 1/2	64	Double handle Dual-port vent**	
401		MTX-AUX12	Ah 12	12 months	L 5 7/8 W 3 7/16 H 5 1/8	9	AGM (Absorbed Glass-Mat)	
400		MTX-AUX14	Ah 14	12 months	L 5 7/8 W 3 7/16 H 5 3/4	10	AGM (Absorbed Glass-Mat)	
T4 (99R)		MTP-T4	CCA 470 CA 585 RC 70	30 months 6 years	L 8 1/8 W 6 7/8 H 6 7/8	27	Dual-port vent**	

TERMINALS:  = Type A (automotive)  = Powersports 4 Diagrams courtesy of Battery Council International (BCI)

WARRANTY: In US see page 18.

RATINGS: CCA (Cold Cranking Amps) – Cranking power for 30 seconds at 0° F (17.7° C).

CA (Cranking Amps) – Cranking power for 30 seconds at 32° F (0° C). Approximations only and should not be confused with CCA.

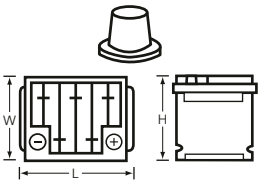
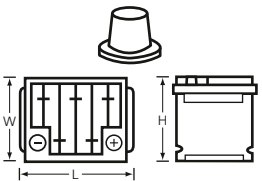
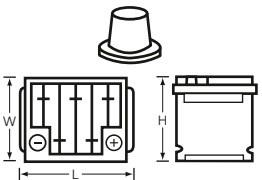
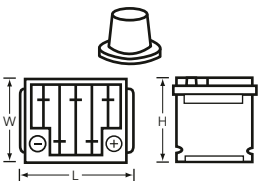
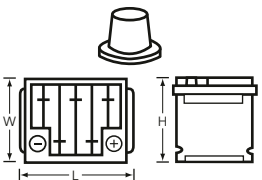
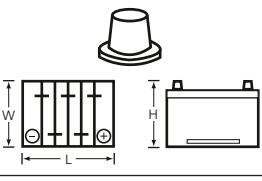
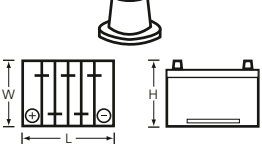
RC (Reserve Capacity) – Minutes of 25-Amp output at 80° F (26.6°).

Ah (Ampere Hour) – An automotive battery's electrical 20-hour storage capacity at 77° F (25° C).

***SUBSTITUTIONS:** For footnotes, see page 17. Disclaimer: The only recommended replacements are those batteries indicated in the Applications section of this *Battery Application Guide*. With substitutions, installer should check for adequate CCA and RC and should use best judgment regarding hood clearance, proper fit, cable length, proximity of terminals to under-hood components, and polarity. Interstate Batteries denies any liability for damages as a consequence of using or misusing this information.

**** May need vent tube kit**

AUTOMOTIVE BATTERY SPECIFICATIONS • 12-VOLT

Group Size	Terminal BCI Figure	Part	Ratings	Warranty Free Months Total Years	Dimensions (inches)	Weight (lbs)	Notes	Group Size* Substitutions
T5 (90)		MTP-90/T5	CCA 600 CA 750 RC 100 Ah 56	30 months 6 years	L 9 ⁵ / ₁₆ W 6 ¹⁵ / ₁₆ H 6 ¹⁵ / ₁₆	32	Handle Dual-port vent**	47 ⁶
T6 (91)		MT-91/T6	EN 590 Ah 60	24 months 5 years	L 10 ¹⁵ / ₁₆ W 6 ⁷ / ₈ H 6 ⁷ / ₈	37	Double handle Flat top Dual-port vent**	
T7 (92)		MT-92/T7	EN 720 Ah 80	24 months 5 years	L 12 ³ / ₈ W 6 ⁷ / ₈ H 6 ⁷ / ₈	45	Double handle Flat top Dual-port vent**	
T8 (93)		MT-93/T8	EN 800 Ah 90	24 months 5 years	L 13 ¹⁵ / ₁₆ W 6 ⁷ / ₈ H 6 ⁷ / ₈	51	Double handle Flat top Dual-port vent**	
V4 (102R)		MTP-V4	EN 520 Ah 35	30 months 6 years	L 8 ⁷ / ₈ W 6 ⁷ / ₈ H 5 ⁵ / ₁₆	24	Dual-port vent**	
46A24L		MT-MX-5	CCA 370 CA 465 RC 45	24 months 5 years	L 7 ¹ / ₂ W 5 H 6 ¹ / ₂	21	Single-port vent**	
46B24R		MTX-S46B24R	CCA 410 CA 510 RC 75	36 months	L 9 ⁵ / ₁₆ W 5 ¹ / ₁₆ H 8 ¹⁵ / ₁₆	29		

TERMINALS:  = Type A (automotive) Diagrams courtesy of Battery Council International (BCI)

WARRANTY: In US see page 18.

RATINGS: CCA (Cold Cranking Amps) – Cranking power for 30 seconds at 0° F (17.7° C).

CA (Cranking Amps) – Cranking power for 30 seconds at 32° F (0° C). Approximations only and should not be confused with CCA.

RC (Reserve Capacity) – Minutes of 25-Amp output at 80° F (26.6°).

Ah (Ampere Hour) – An automotive battery's electrical 20-hour storage capacity at 77° F (25° C).

***SUBSTITUTIONS:** For footnotes, see page 17. Disclaimer: The only recommended replacements are those batteries indicated in the Applications section of this *Battery Application Guide*. With substitutions, installer should check for adequate CCA and RC and should use best judgment regarding hood clearance, proper fit, cable length, proximity of terminals to under-hood components, and polarity. Interstate Batteries denies any liability for damages as a consequence of using or misusing this information.

**** May need vent tube kit**

ABBREVIATIONS

2V	2 Valve per Cylinder
4V	4 Valve per Cylinder
2WD	Two-Wheel Drive
4WD	Four-Wheel Drive
AC	Air Conditioning
AGM	Absorbed Glass-Mat
Ah	Amp Hour
Alt	Alternate
AT	Automatic Transmission
Aux	Auxiliary
AWD	All Wheel Drive
Bat	Battery
BCI	Battery Council International
CA	Cranking Amps
Calif	California
Can	Canada
Carb	Carburetor
CFI	Central Fuel Injection
cc	Cubic Centimeter
CCA	Cold Cranking Amps (0° F)
CDI	Common Direct Injection
ci	Cubic inch
Comp	Compression
Cont	Continental
Conv	Convertible
CVT	Continuously Variable Transmission
Cyl	Cylinder
DES	Direct Injection Start
DIN	Deutsche Institut für Normung
DOHC	Dual Overhead Cam
Dsl	Diesel
DT	Dual Terminal
EFB	Enhanced Flooded Battery
EFI	Electronic Fuel Injection
ELWB	Extra Long Wheel Base
Eng	Engine
ETR	Electronic Tuning Radio
Ex	Except
Fig	Figure
FI	Fuel Injection
Fla	Florida
FWD	Front-Wheel Drive
GVW	Gross Vehicle Weight
HBL	Heated Back Light (Rear Window Defroster)
HA	High Altitude
HD	Heavy Duty
HO	High Output

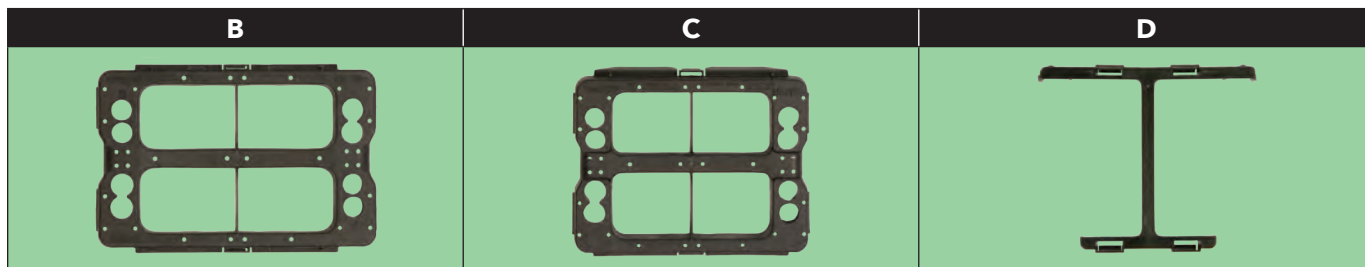
HP	Horsepower
HSC	High Swirl Combustion (chamber)
Htr	Heater
HWS	Heated Windshield
Hyb	Hybrid
Ign	Ignition
IHC	International Harvester Co.
Incl	Including
Ind	Industrial
L	Liter
L4/L5/L6	In-Line 4, 5 or 6 Cylinder Engine
Lft	Left
LPG	Liquified Petroleum Gas
MFI	Multi-Port Fuel Injection
Modif	Modified
MT	Manual Transmission
MY	Model Year
N/A	Not Available
No.	Number
OE	Original Equipment
OHC	Overhead Cam
OHV	Overhead Valve
Opt	Optional
Pkg	Package
PPkg	Police Package
PS	Power Steering
PTO	Power Take-Off
RC	Reserve Capacity
RRC	Repetitive Reserve Cycles
Rt	Right
RWD	Rear-Wheel Drive
S/C	Super Charged
SEO	Special Electrical Option
SG	Sound Guard
SHO	Super High Output
SOHC	Single Overhead Cam
Std	Standard
SULEV	Super Ultra Low Emissions Vehicle
TBI	Throttle Body Injection
TDI	Turbo Direct Injection
US	United States
V	Venturi
TTPkg	Trailer Towing Package
Turbo	Turbo Charged
w/	With
w/o	Without
Wisc	Wisconsin

FOOTNOTES

1B. May require height adapter B.
Part #358310

1C. May require height adapter C.
Part #358200

1D. May require height adapter D.
Part #358100



Disclaimer: The only recommended replacements are those batteries indicated in the Applications section of this *Battery Application Guide*. With substitutions, installer should check for adequate CCA and RC and should use best judgment regarding hood clearance, proper fit, cable length, proximity of terminals to under-hood components and polarity. Interstate Batteries denies any liability for damages as a consequence of using or misusing this information.

1. May require height adapter.
2. Two batteries may be required.
3. Three batteries may be required.
4. Four batteries may be required.
5. Best-fit estimate
6. Check for height (hood clearance), tray room and holddown fit. Check clearance before connecting cables.
7. Check polarity and cable length before connecting cables.
8. Not ganged vented.
9. Manufacturer's recommended replacement battery shown. May vary from OE battery.
10. Modification of holddown or heat shield may be necessary.
11. OE battery has flush vents.
12. OE battery has F terminals. Cables must be modified or replaced to use replacement battery.
14. Polarity reversed. Check before installing.
15. Polarity varies in production. Some vehicles require a Group 26R. Check before installing.
16. Requires individual vent caps for proper hood clearance. Do not fit batteries with pod-type vent caps.
17. Battery option in hot climates only. May not meet OE requirements.
18. I-drive vehicles require system reset after battery installation. See BMW authorized repair for service.
19. See manufacturer's service information for retrofit.
20. Some models require Group 91. Check OE battery.
21. Some models use Group 35. Check polarity before installing.
22. Special 12V: 9⁵/₈" x 6⁷/₈" x 7¹/₁₆". Check polarity before installing.
23. Special 12V: 10" x 6¹/₁₆" x 8³/₈". Check polarity before installing.
24. Special 12V: 14¹⁵/₁₆" x 6³/₄" x 7³/₈"
26. Special 12V: 9³/₄" x 5" x 7¹/₂". Vented outside of vehicle.
27. Special 12V: 9⁷/₈" x 6¹¹/₁₆" x 3¹¹/₁₆"
28. Special 12V: 9⁹/₁₆" x 6¹³/₁₆" x 6¹¹/₁₆"
30. Special 12V: 9" x 7¹/₄" x 7¹/₂"
31. Special deep-cycle battery
33. Valve-regulated AGM battery
34. Vibration-resistant battery
35. Without handle bracket
40. Battery in "active cooling box" with air snorkel to outside of engine compartment.
41. Uses motorcycle battery. No BCI equivalent.
42. Group 27 with type X terminals
43. OE battery has nonstandard terminal location. May require cable modifications.
44. W/o HBL but with ETR, travel computer cluster or audible message center.
45. Non-BCI group size
47. The recommended battery for this vehicle is based on Ah and not CCA.
48. May not meet OE requirements.
49. Battery spacer kit is required on some models.
50. Battery is vented outside of vehicle.
51. Battery may require vent hose.
52. Use with Land Rover adapter AMR3679S, clamp AMR3679, J bolts AMR3681.
53. Use with Land Rover adapter AMR3679S.
54. CCA is an EN (European Norm) rating
55. Vehicle computer system must be reset. Contact your service specialist.
56. Various group size batteries used in production.
57. Models (2008 and 2009) with "MyGig" REN or REZ radios require the feed fuse for the radio to be removed before disconnecting battery. See Chrysler 08-003-09 Service procedure.
58. PR codes are located on a tag near the spare tire or in the warranty booklet.
59. Enhanced Flooded Battery (EFB)
60. Lithium-ion battery only
61. With sensor

Interstate Batteries' Limited Warranty—United States

(effective on batteries purchased December 1, 2020 or later)

Important: Keep this Limited Warranty and sales receipt in glove compartment.

READ CAREFULLY: This limited warranty contains **mandatory and binding individual arbitration and class-action waiver provisions**, and other provisions that limit your legal rights.

Any implied warranty of merchantability or fitness for a particular purpose is limited to the duration of this limited warranty. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

What Batteries Are Covered

Interstate Batteries' (IB) provides this limited warranty to (1) the original retail purchaser, (2) of the Interstate Batteries branded battery models listed in the Chart below, (3) when purchased from an IB Authorized Dealer or an All Battery Center Store in the 50 States of the United States or the District of Columbia.

IB's Performance Warranty

IB warrants that your battery is free of defects in material and workmanship for the duration of the warranty periods listed for your battery model in the Chart below. IB's Performance Warranty has a Free Replacement Period, and some battery models have an additional Discount Period. If your battery fails due to a defect during the Free Replacement Period, you may obtain a free replacement battery. If your battery also has a Discount Period and fails due to a defect during that Discount Period, you may purchase a replacement battery at a discounted price. Your discounted price will be IB's Suggested Retail Price (SRP) for your replacement battery model at the time you return your original battery, minus a percentage discount as shown on the Chart below. Any replacement battery you obtain under this Performance Warranty must be identical or reasonably equivalent to your original battery.

To find IB's SRP for your replacement battery model when you return your original battery, ask your dealer or check IB's website at www.interstatebatteries.com. The SRP in effect on the date you return your original battery will not be the same price you paid for your original battery, and the SRP may be different than the dealer's actual selling price for your replacement battery. In some cases, dealers may have different pricing structures and voluntarily offer to sell you a replacement battery during the Discount Period for a lower price. **You will still need to pay any taxes and legislatively imposed fees on your replacement battery, and you may also need to pay labor and installation charges.** Any warranty coverage that remains on your original battery (when you return it for a replacement battery under this Performance Warranty) will carry over to your replacement battery. Your replacement battery will not have any new or separate warranty coverage.

What You Must Do

To obtain a replacement battery, you must present your original battery to an IB Authorized Warranty Dealer or All Battery Center Store that has an appropriate replacement battery in stock. That dealer will have a reasonable time to test your original battery and, if defective, replace it according to the terms of this limited warranty. To find the IB Authorized Warranty Dealer or All Battery Center Store nearest you, and to get the phone number of that dealer or store, visit www.interstatebatteries.com, or call 1.888.772.3600 for Automotive, Commercial, Marine/RV, Golf Car, Powersports and Lawn & Garden batteries.

Date of Purchase

Your Performance Warranty begins on your date of purchase and extends for the number of months shown on the Chart below. You may establish your date of purchase by presenting the receipt for the purchase of your original battery. Otherwise, your dealer will estimate your date of purchase from the manufacturer code on each battery.

Performance Warranty Periods Chart (subject to limitations)*

(for batteries below with "Interstate Batteries" prominently displayed on the label)

Free Replacement Warranty Period	Years:	1	2	3	4	5	6						
Discount Period	Months:	1-6	7-12	13-18	19-24	25-30	31-36	37-42	43-48	49-54	55-60	61-66	67-72
Automotive*: Models that begin with "M"		Free			No Coverage								
Automotive*: Models that begin with "MT"		Free			45% off SRP	25% off SRP	10% off SRP						
Automotive*: Models that begin with "MTP"		Free			45% off SRP	25% off SRP	10% off SRP						
Automotive*: Models that begin with "MTX"		Free											
Automotive*: Models that begin with "MTX-AUX"		Free											
Automotive*: Models that begin with "MTZ"		Free											
Commercial: Models that begin with "M-31" or "31-AGM5"		Free											
Commercial: Models that begin with "C," "29H," or "31"		Free											
Commercial*: Models "31-AGM7" and "31P-AGM7"		Free											
Marine/RV: M-24DC-12 and models that begin with "HD," "24M," "27M" or "SRM," (not including "24M-EFB," "27M-EFB" or "SRM-4D")		Free			No Coverage								
Marine/RV*: Models "31M-AGM" and "34M-AGM"		Free											
Marine/RV*: Models "24M-AGM-A," "31M-AGM-A," "24M-EFB" and "27M-EFB"		Free											
Golf Car/Industrial (6V, 8V, 12V) and RV: Models that begin with "GC2," "GC8," "GC12" (not including models that begin with "GC2HC" or "GC2XHD") or "M"		Free											
Mobility (Wheelchair): Models that begin with "DCM" and "DCL"		Free											
All other Interstate Batteries branded battery models not listed above within the following product lines: Powersports, Lawn & Garden, Commercial, Marine/RV, and Golf Car		Free											

* WARNING—How you use your "Automotive," "Commercial" or "Marine/RV" battery can shorten your Warranty Period.

If you use your "Automotive" battery in (a) a vehicle used for commercial purposes, (b) a truck over one ton, or (c) a vehicle with a diesel engine (other than a passenger automobile or a pickup truck used for personal purposes), your warranty coverage will be limited to a one-year Free Replacement Period, **unless it is an "Automotive" Model MTZ battery**, in which case your coverage will be limited to a two-year Free Replacement Period.

If you use your "Commercial" "31-AGM7" or "31P-AGM7" Models in (a) an Auxiliary Power Unit (APU) or (b) other non engine start applications, your warranty coverage will be limited to a two-year Free Replacement Period.

If you use your "Marine/RV" Models "31M-AGM" or "34M-AGM" in applications other than Marine/RV or for cycling use, your warranty coverage will be limited to a two-year Free Replacement Period.

If you use your "Marine/RV" Models "24M-AGM-A," "31M-AGM-A," "24M-EFB" or "27M-EFB" in applications other than Marine/RV, your warranty coverage will be limited to an 18-month Free Replacement Period.

Warranty Exclusions and Limitations of Remedy

This limited warranty does not cover batteries that are merely discharged, or that are damaged due to abuse, neglect, misuse, fire, accident, collision, explosion, freezing, theft, overcharging, alteration, improper installation, use of special additives, unauthorized attempt to repair, or failure to keep the battery properly maintained. IB's liability is limited to the replacement of the battery according to the terms of this limited warranty. **IB will not be liable for any punitive, consequential, or incidental damages**, such as the cost of installation, towing, electrical system tests, charging a battery, rental vehicles, labor, loss of time, loss of use of a vehicle, lost profits, or damage to property other than the battery. Some States do not allow the exclusion or limitation of these incidental or consequential damages, so the above limitations or exclusions may not apply to you.

Legal

This limited warranty controls all warranty claims. IB makes no other express warranties.

Notice of Arbitration Agreement and Class Action Waiver

- This agreement provides that all disputes between you and IB will be resolved by BINDING INDIVIDUAL ARBITRATION.
- You GIVE UP YOUR RIGHT TO GO TO COURT, EXCEPT for matters that may be taken to small claims court.
- In arbitration, you and IB agree to WAIVE THE RIGHT TO A TRIAL BY JURY.
- You and IB also WAIVE the right to participate in a class-action lawsuit or class-action arbitration.

See www.adr.org or call 1.800.778.7879 for information about how to initiate arbitration and the procedures that will be used.

Mandatory and Binding Individual Arbitration: In accordance with the Federal Arbitration Act, **you and IB agree to arbitrate – on an individual basis only – any claim or dispute that is related to the purchase, use, performance, warranty, or return of your IB battery.** You and IB will submit any such dispute to final, binding individual arbitration before the American Arbitration Association (AAA), or if the AAA is not available, JAMS, www.jamsadr.com. Unless you and IB agree otherwise, any arbitration hearings will take place in the county (or parish) of your residence. The arbitration will be governed by the Commercial Dispute Resolution Procedures and the Supplementary Procedures for Consumer Related Disputes of the AAA, as modified by this Mandatory and Binding Individual Arbitration provision, but in no event shall any AAA rule or procedure be used that would allow for arbitration to proceed on a class action or other aggregate basis. You and IB give up the right to go to court, except that either you or IB may bring an individual action in small claims court. Otherwise, this Mandatory and Binding Individual Arbitration provision shall be a complete defense to any suit, action, or proceeding in any federal, state, or local court or before any administrative tribunal with respect to such disputes. The arbitrator, and not any federal, state, or local court or agency, shall have exclusive authority and jurisdiction to resolve any such disputes. The arbitrator's authority specifically includes disputes relating to the scope or applicability of this Mandatory and Binding Individual Arbitration provision or the interpretation, applicability, enforceability, or formation of this limited warranty, including but not limited to any claim that all or any part of this limited warranty is void or voidable. Arbitrator decisions are enforceable and are subject to very limited review by a court. Judgment on an award rendered in arbitration may be entered in any court having jurisdiction. This Mandatory and Binding Individual Arbitration provision applies to the full extent allowed by law, except where prohibited by State or federal law.

Class Action Waiver: You and IB further agree that **any claim or dispute between you and IB that is related to the purchase, use, performance, warranty, or return of your IB battery will only be asserted in an individual capacity.** You and IB will not pursue any class arbitration, class action, or other aggregate or representative proceeding seeking relief on behalf of anyone other than yourself or itself.

Statute of Limitations: Any action, arbitration, or other proceeding based on any claim or dispute that might arise between you and IB that is related to the purchase, use, performance, warranty, or return of your IB battery must be commenced within 2 years after the events giving rise to that claim.

Choice of Law: IB is headquartered in Dallas, Texas. You and IB agree that the law of Texas will apply to any claims or disputes between you and IB involving the purchase, use, performance, warranty, or return of your IB battery. This choice-of-law provision is intended to be given the broadest possible scope and applied to all claims and disputes, without regard to conflict of laws rules.

Some Limitations May Not Apply in Particular Jurisdictions: Some States may not allow certain provisions of this limited warranty, so these provisions may not apply to you. No provision is intended to limit, modify, take away from, disclaim, or exclude any mandatory warranty requirements provided by any State, unless permitted by that State's law or federal law. This warranty gives you specific legal rights, and you may also have other legal rights, which vary from State to State.

Severability: If any provision of this limited warranty is held unenforceable, all remaining provisions of this limited warranty shall remain in full force and effect – except that if a claim or dispute is presented as a class arbitration, class-action lawsuit, or as any other aggregate or representative-type proceeding and the Class Action Waiver provision is found to be invalid or unenforceable, then the Mandatory and Binding Individual Arbitration provision shall also become null and void, and the claim or dispute will be decided by a court.

California Residents Only

To find an IB Authorized Warranty Dealer or All Battery Center Store in California, see the section above, "What You Must Do." If IB does not provide service and repair facilities within California or does not make service literature and replacement parts available to authorized service and repair facilities in California during the express warranty period, then California residents have the option of returning a nonconforming battery (1) to the retail store where it was purchased or (2) to another retail store that sells the same type of Interstate Batteries branded battery. The retail store shall then, according to its preferences, either repair your battery, refer you to an independent repair facility, replace your battery, or refund you the purchase price less the amount directly attributable to your prior use of the battery. If either of the above two options does not furnish you with appropriate relief, you may then take the battery to an independent repair facility, if service or repair can be economically accomplished, at IB's expense.

California Proposition 65 Warning: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the state of California to cause cancer. **Wash hands after handling!**

Contact

For more information on this limited warranty, contact: Interstate Batteries, Customer Service, 12770 Merit Drive, Suite 300, Dallas, Texas 75251. You may also contact IB by phone at 1.888.772.3600 or visit www.interstatebatteries.com.



AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

2000-2020 MODEL YEARS PLUS SELECT VINTAGE MODELS

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Acura • CL											
2003-02	V6/3.2L			24 ¹¹	550	MTZ-34 ¹	-	-	MT-24	-	-
1999-98	L4/2.3L			24F ¹¹	550	MTZ-34R ¹	-	-	MT-24F	-	-
2001	V6/3.2L			24 ¹¹	550	MTZ-34 ¹	-	-	MT-24	-	-
Acura • CSX											
2011-08	L4/2.0L			51R	410	-	-	-	MT-51R	-	-
2007	L4/2.0L			51R	440	-	-	-	MT-51R	-	-
2006	L4/2.0L			51R	500	-	-	-	MT-51R	-	-
Acura • EL											
2005-02	L4/1.7L			51	410	-	-	-	MT-51	-	-
2001	L4/1.7L			51	410	-	-	-	MT-51	-	-
Acura • ILX											
2020	L4/2.4L			51R	500	-	-	-	MT-51R	-	-
2019	L4/2.4L			51R	500	-	-	-	MT-51R	-	-
2018-13	L4/2.4L			51R	410	-	-	-	MT-51R	-	-
2015-13	L4/2.0L			51R	410	-	-	-	MT-51R	-	-
2015-13	L4/1.5L	Hybrid		151R	340	-	-	MTP-151R	-	-	-
Acura • Integra											
2001-94	L4/1.8L			51R	410	-	-	-	MT-51R	-	-
1993-92	L4/1.7L			25	435	-	-	-	MT-25	M-25	-
Acura • Legend											
1995-91	V6/3.2L			24	585	MTZ-34	-	MTP-24	MT-24	M-24HC	-
1990	V6/2.7L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ¹⁸
Acura • MDX											
2020-17	V6/3.0L	Hybrid	●	48 ³³	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-16	V6/3.5L			48	620	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2020-16	V6/3.5L	Advance Package	●	48 ³³	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-14	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2013-07	V6/3.7L			24F	630	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2006-01	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Acura • NSX											
2020-17	V6/3.5L	Hybrid	●	47 ³³	600	-	MTX-47/H5	-	-	-	-
2005-01	V6/3.2L	MT		35	435	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2005-91	V6/3.0L	AT		24F	585	MTZ-34R ¹	MTX-24F	MTP-24	MT-24	M-24HC	-
2005-01	V6/3.0L	MT		35	435	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
1999	V6/3.2L	AT		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Acura • RDX											
2021-19	L4/2.0L		●	48 ³³	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-17	V6/3.5L			24F	630	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2016	V6/3.5L			24F	730	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2015-13	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2012-07	L4/2.3L			35	440	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Acura • RL											
2012-09	V6/3.7L			24 ¹¹	550	MTZ-34 ¹	-	-	MT-24	-	-
2008-05	V6/3.5L			24 ¹¹	585	MTZ-34 ¹	-	-	MT-24	-	-
2004-96	V6/3.5L			24	550	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-78DT ¹⁸
Acura • RLX											
2020	V6/3.5L			24F	630	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2019-14	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Acura • RSX											
2006-02	L4/2.0L			51R	400	-	-	-	MT-51R	-	-
Acura • SLX											
1999-98	V6/3.5L	AT		24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ¹⁸
1999-98	V6/3.2L	Opt		27	610	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ¹⁸
1997	V6/3.2L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ¹⁸
1997	V6/3.2L	Opt		27	610	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ¹⁸
1996	V6/3.2L	AT or HD		27	610	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ¹⁸
Acura • TL											
2014-09	V6/3.7L			24F ¹¹	550	MTZ-34R ¹	MTX-24F	-	MT-24F	-	-
2014-07	V6/3.5L			24F ¹¹	550	MTZ-34R ¹	MTX-24F	-	MT-24F	-	-
2008-04	V6/3.2L			24F ¹¹	550	MTZ-34R ¹	MTX-24F	-	MT-24F	-	-
2003-99	V6/3.2L			24 ¹¹	550	MTZ-34 ¹	-	-	MT-24	-	-
1998-96	V6/3.2L			24	450	-	-	-	MT-25	M-75DT	MTP-75DT ^{1C}
1998-95	L4/2.4L			35	450	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Acura • TLX											
2020-15	V6/3.5L			48	620	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2020-15	V6/3.5L	SH-AWD, Start-Stop	●	48 ³³	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020	L4/2.4L			35	470	-	MTX-35	MTP-35	MT-35	M-35HC	-
2019-18	L4/2.4L			35	470	-	MTX-35	MTP-35	MT-35	M-35HC	-
2017-15	L4/2.4L			35	440	-	MTX-35	MTP-35	MT-35	M-34	M-35HC

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Acura • TSX											
2014-10	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2014-04	L4/2.4L			51R	430	-	-	-	MT-51R	-	-
Acura • Vigor											
1994-92	L5/2.5L			35	435	-	MTX-35	MTP-35	MT-35	M-35	MTP-75DT ^{1C}
Acura • ZDX											
2013-10	V6/3.7L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Alfa Romeo • 4C											
2020-15	L4/1.7L			140R	500	-	-	MTP-H4 ⁴⁸	-	-	-
Alfa Romeo • 8C											
2008	V8/4.7L			24F ⁵⁴	580	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Alfa Romeo • Giulia											
2020-17	V6/2.9L			94R	-	-	-	-	-	-	-
2020-17	L4/2.0L			94R	-	-	-	-	-	-	-
Alfa Romeo • Spider											
1990	L4/2.0L	Factory Install		24F ⁷	500	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
Alfa Romeo • Stelvio											
2019-18	L4/2.0L			94R ⁵⁴	800	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2018	V6/2.9L			94R ⁵⁴	800	-	MTX-94R/H7	MTP-94R/H7	-	-	-
AM General • Humvee											
1996-95	V8/5.7L			78 ²	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1993-92	V8/6.2L	Dsl		78 ²	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
Aston Martin • DB11											
2018-17	V12/5.2L		●	49 ^{33,54}	850	-	MTX-49/H8	-	-	-	-
Aston Martin • DB7											
2004-02	V12/6.0L			48 ^{50,54}	780	-	-	-	-	-	-
Aston Martin • DB9											
2016-05	V12/6.0L			49 ^{50,54}	830	-	MTX-49/H8	MTP-49/H8	-	-	-
Aston Martin • DBS											
2012-08	V12/6.0L			49 ^{50,54}	830	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Aston Martin • One-77											
2011	V12/7.3L			49 ⁵⁴	830	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Aston Martin • Rapide											
2018	V12/6.0L			49 ^{50,54}	830	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2017-11	V12/6.0L			49 ^{50,54}	830	-	MTX-49/H8	-	-	-	-
Aston Martin • V12 Vantage											
2017-15	V12/6.0L			49 ^{50,54}	830	-	MTX-49/H8	-	-	-	-
2013-10	V12/6.0L			49 ^{50,54}	830	-	MTX-49/H8	-	-	-	-
Aston Martin • V8 Vantage											
2017-09	V8/4.7L			49 ^{50,54}	830	-	MTX-49/H8	-	-	-	-
2008-06	V8/4.3L			49 ^{50,54}	830	-	MTX-49/H8	-	-	-	-
Aston Martin • Vanquish											
2017-14	V12/6.0L			49 ^{50,54}	830	-	MTX-49/H8	-	-	-	-
2006-02	V12/6.0L			49 ^{50,54}	830	-	MTX-49/H8	-	-	-	-
Aston Martin • Virage											
2012	V12/6.0L			49 ^{50,54}	830	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Aston Martin • Vanquish											
2001	V12/6.0L			49 ^{50,54}	830	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Asüna • Sunfire											
1993	L4/1.8L			35	350	-	MTX-35	MTP-35	MT-35	M-35	MTP-75DT ^{1C}
Asüna • Sunrunner											
1993	L4/1.6L			26	525	-	-	-	MT-26	-	MTP-75DT
Audi • 80, 80 quattro											
1992-91	L5/2.3L	Opt		41	650	-	-	-	MT-41	-	-
1990	L4/2.0L			41	575	-	-	-	MT-41	-	-
1990	L4/2.0L	Opt		41	650	-	-	-	MT-41	-	-
Audi • 100, 100 quattro											
1994-92	V6/2.8L			41 ⁵⁰	575	-	-	-	-	-	MT-91/T6 ^{5,6,10}
1994-92	V6/2.8L	Opt		41 ⁵⁰	650	-	-	-	-	-	MT-91/T6 ^{5,6,10}
1991-90	L5/2.3L			41 ⁵⁰	575	-	-	-	-	-	MT-91/T6 ^{5,6,10}
1991-90	L5/2.3L	Opt		41 ⁵⁰	650	-	-	-	-	-	MT-91/T6 ^{5,6,10}
Audi • 200, 200 quattro											
1991-90	L5/2.2L			41 ⁵⁰	650	-	-	-	-	-	MT-91/T6 ^{5,6,10}
Audi • A3											
2020-17	L4/2.0L	PR Code: J0H	●	47 ^{33,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2020-17	L4/2.0L	PR Code: J0N		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2020-17	L4/2.0L	PR Code: J0S		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2020-17	L4/2.0L	PR Code: J0T		48 ^{55,56,58,59}	680	-	-	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Audi • A3 (continued)											
2020-17	L4/2.0L	PR Code: JOV		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2020-17	L4/2.0L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2020-17	L4/2.0L	PR Code: J1P		140R ^{55,56,58}	360	-	-	MTP-H4	-	-	-
2020-17	L4/2.0L	PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-15	L4/2.0L	Dsl, PR Code: J0N		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2016-15	L4/2.0L	Dsl, PR Code: J0S		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2016-15	L4/2.0L	Dsl, PR Code: J0T		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2016-15	L4/2.0L	Dsl, PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2016-15	L4/2.0L	Dsl, PR Code: J1P		140R ^{55,56,58}	360	-	-	MTP-H4	-	-	-
2016-15	L4/2.0L	Dsl, PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-15	L4/2.0L	Dsl, PR Code: J2S		140R ^{55,56,58}	480	-	-	MTP-H4	-	-	-
2016-15	L4/1.8L	PR Code: J0N		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2016-15	L4/1.8L	PR Code: J0S		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2016-15	L4/1.8L	PR Code: J0T		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2016-15	L4/1.8L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2016-15	L4/1.8L	PR Code: J1P		140R ^{55,56,58}	360	-	-	MTP-H4	-	-	-
2016-15	L4/1.8L	PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-15	L4/1.8L	PR Code: J2S		140R ^{55,56,58}	480	-	-	MTP-H4	-	-	-
2013-10	L4/2.0L	Dsl, PR Code: J0L, J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2013-10	L4/2.0L	Dsl, PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2013-10	L4/2.0L	Dsl, PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2013-10	L4/2.0L	Dsl, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-09	L4/2.0L	PR Code: J0L, J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2013-09	L4/2.0L	PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2013-09	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-06	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2008-06	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
Audi • A3 quattro											
2020-17	L4/2.0L	PR Code: J0H	●	47 ^{33,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2020-17	L4/2.0L	PR Code: JOV		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2020-15	L4/2.0L	PR Code: J0N		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2020-15	L4/2.0L	PR Code: J0S		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2020-15	L4/2.0L	PR Code: J0T		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2020-15	L4/2.0L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2020-15	L4/2.0L	PR Code: J1P		140R ^{55,56,58}	360	-	-	MTP-H4	-	-	-
2020-15	L4/2.0L	PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-15	L4/2.0L	PR Code: J2S		140R ^{55,56,58}	480	-	-	MTP-H4	-	-	-
2013-09	L4/2.0L	PR Code: J0L, J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2013-09	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2013-09	L4/2.0L	PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2013-09	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009-06	V6/3.2L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2008-06	V6/3.2L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
Audi • A3 Sportback e-tron											
2018-17	L4/1.4L	Hybrid, PR Code: J0H	●	47 ^{33,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2018-17	L4/1.4L	Hybrid, PR Code: J0S		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2018-17	L4/1.4L	Hybrid, PR Code: J0T		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2018-17	L4/1.4L	Hybrid, PR Code: JOV		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2018-17	L4/1.4L	Hybrid, PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2018-17	L4/1.4L	Hybrid, PR Code: J1P		140R ^{55,56,58}	360	-	-	MTP-H4	-	-	-
2018-17	L4/1.4L	Hybrid, PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-16	L4/1.4L	Hybrid, PR Code: J0N		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2016	L4/1.4L	Hybrid, PR Code: J0S		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2016	L4/1.4L	Hybrid, PR Code: J0T		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2016	L4/1.4L	Hybrid, PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2016	L4/1.4L	Hybrid, PR Code: J1P		140R ^{55,56,58}	360	-	-	MTP-H4	-	-	-
2016	L4/1.4L	Hybrid, PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016	L4/1.4L	Hybrid, PR Code: J2S		140R ^{55,56,58}	480	-	-	MTP-H4	-	-	-
Audi • A4											
2020-16	L4/2.0L	PR Code: OK4, Aux Li-ion Only		N/A ^{45,56,58,60}	-	-	-	-	-	-	-
2020-16	L4/2.0L	PR Code: J0H	●	47 ^{33,50,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2020-16	L4/2.0L	PR Code: J0K		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2020-16	L4/2.0L	PR Code: J2D, OK0, OK2, OK4	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-16	L4/2.0L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-	-	-	-	-	-
2020-09	L4/2.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-09	L4/2.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-09	L4/2.0L	PR Code: J0Z	●	95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2020-09	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020-05	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2015-13	L4/2.0L	PR Code: J0L		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2015-13	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2015-13	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-05	L4/2.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2008-06	V6/3.2L	PR Code: J0R		94R ^{30,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Audi • A4 (continued)											
2008-06	V6/3.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2006-02	L4/1.8L	PR Code: J0R		94R ^{50,55,56,58}	640	-		MTX-94R/H7	MTP-94R/H7	-	-
2006-02	L4/1.8L	PR Code: J1U		49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2005-02	V6/3.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-		MTX-94R/H7	MTP-94R/H7	-	-
2005-02	V6/3.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2002	V6/3.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸		MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2002	V6/3.0L	PR Code: J1R		94R ^{50,55,56,58}	720	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2002	L4/1.8L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸		MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2002	L4/1.8L	PR Code: J1R		94R ^{50,55,56,58}	720	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
Audi • A4 allroad											
2020-17	L4/2.0L	PR Code: OK4, Aux Li-ion Only		N/A ^{45,56,58,60}	-	-	-	-	-	-	-
2020-17	L4/2.0L	PR Code: JOH	●	47 ^{33,50,55,56,58}	640	-		MTX-47/H5	-	-	-
2020-17	L4/2.0L	PR Code: J0K		49 ^{50,55,56,58,59}	850	-		-	-	-	-
2020-17	L4/2.0L	PR Code: J2D, OK0, OK2, OK4	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6		MTX-48/H6	-	-	-
2020-17	L4/2.0L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-		-	-	-	-
2020-13	L4/2.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-		MTX-49/H8	-	-	-
2020-13	L4/2.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-		MTX-95R/H9	-	-	-
2020-13	L4/2.0L	PR Code: JOZ		95R ^{50,55,56,58}	850	-		MTX-95R/H9	MTP-95R/H9	-	-
2020-13	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-		MTX-94R/H7	-	-	-
2020-13	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2016-13	L4/2.0L	PR Code: J0L		48 ^{50,55,56,58}	570	MTZ-48/H6		MTX-48/H6	MTP-48/H6	-	-
2016-13	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-		MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸
2016-13	L4/2.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-		MTX-94R/H7	MTP-94R/H7	-	-
2016-13	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6		MTX-48/H6	-	-	-
Audi • A4 quattro											
2020-16	L4/2.0L	PR Code: OK4, Aux Li-ion Only		N/A ^{45,56,58,60}	-	-	-	-	-	-	-
2020-16	L4/2.0L	PR Code: JOH	●	47 ^{33,50,55,56,58}	640	-		MTX-47/H5	-	-	-
2020-16	L4/2.0L	PR Code: J0K		49 ^{50,55,56,58,59}	850	-		-	-	-	-
2020-16	L4/2.0L	PR Code: J2D, OK0, OK2, OK4	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6		MTX-48/H6	-	-	-
2020-16	L4/2.0L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-		-	-	-	-
2020-09	L4/2.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-		MTX-49/H8	-	-	-
2020-09	L4/2.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-		MTX-95R/H9	-	-	-
2020-09	L4/2.0L	PR Code: JOZ		95R ^{50,55,56,58}	850	-		MTX-95R/H9	MTP-95R/H9	-	-
2020-09	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-		MTX-94R/H7	-	-	-
2020-05	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2015-13	L4/2.0L	PR Code: J0L		48 ^{50,55,56,58}	570	MTZ-48/H6		MTX-48/H6	MTP-48/H6	-	-
2015-13	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-		MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸
2015-13	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6		MTX-48/H6	-	-	-
2015-05	L4/2.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-		MTX-94R/H7	MTP-94R/H7	-	-
2009	V6/3.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-		MTX-49/H8	-	-	-
2009	V6/3.2L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-		MTX-95R/H9	-	-	-
2009	V6/3.2L	PR Code: JOZ		95R ^{50,55,56,58}	850	-		MTX-95R/H9	MTP-95R/H9	-	-
2009	V6/3.2L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-		MTX-94R/H7	-	-	-
2009-05	V6/3.2L	PR Code: J0R		94R ^{50,55,56,58}	640	-		MTX-94R/H7	MTP-94R/H7	-	-
2009-05	V6/3.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2006-02	V6/3.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-		MTX-94R/H7	MTP-94R/H7	-	-
2006-02	V6/3.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2005-02	L4/1.8L	PR Code: J0R		94R ^{50,55,56,58}	640	-		MTX-94R/H7	MTP-94R/H7	-	-
2005-02	L4/1.8L	PR Code: J1U		49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2002	V6/3.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸		MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2002	V6/3.0L	PR Code: J1R		94R ^{50,55,56,58}	720	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2002	L4/1.8L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸		MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2002	L4/1.8L	PR Code: J1R		94R ^{50,55,56,58}	720	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
Audi • A4, A4 allroad, A4 quattro											
2001-97	L4/1.8L			48 ⁵⁰	640	MTZ-48/H6		MTX-48/H6	MTP-48/H6	MT-48/H6	-
2001-97	L4/1.8L	Opt		94R ⁵⁰	640	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2001-97	L4/1.8L	Opt		94R ^{50,54,55,56}	720	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2001-96	V6/2.8L	Opt		94R ⁵⁰	640	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2001-96	V6/2.8L	Opt		94R ^{50,54,55,56}	720	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
Audi • A5											
2014-12	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-		MTX-94R/H7	-	-	-
2014-10	L4/2.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-		MTX-49/H8	-	-	-
2014-10	L4/2.0L	PR Code: J0L		48 ^{50,55,56,58}	570	MTZ-48/H6		MTX-48/H6	MTP-48/H6	-	-
2014-10	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-		MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸
2014-10	L4/2.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-		MTX-95R/H9	-	-	-
2014-10	L4/2.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-		MTX-94R/H7	MTP-94R/H7	-	-
2014-10	L4/2.0L	PR Code: JOZ		95R ^{50,55,56,58}	850	-		MTX-95R/H9	MTP-95R/H9	-	-
2014-10	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2014-10	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6		MTX-48/H6	-	-	-
Audi • A5 quattro											
2020-17	L4/2.0L	PR Code: OK4, Aux Li-ion Only		N/A ^{45,56,58,60}	-	-	-	-	-	-	-
2020-17	L4/2.0L	PR Code: JOH	●	47 ^{33,50,55,56,58}	640	-		MTX-47/H5	-	-	-
2020-17	L4/2.0L	PR Code: J0K		49 ^{50,55,56,58,59}	850	-		-	-	-	-
2020-17	L4/2.0L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-		-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Audi • A5 quattro (continued)											
2020-12	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020-10	L4/2.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-10	L4/2.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-10	L4/2.0L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2020-10	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2020-10	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017-10	L4/2.0L	PR Code: JOL		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2017-10	L4/2.0L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017-10	L4/2.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2010	V6/3.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2010	V6/3.2L	PR Code: JOL		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2010	V6/3.2L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2010	V6/3.2L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2010	V6/3.2L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2010-08	V6/3.2L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2010-08	V6/3.2L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2010-08	V6/3.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
Audi • A5 Sportback											
2020-18	L4/2.0L	PR Code: OK4, Aux Li-ion Only		N/A ^{45,56,58,60}	-	-	-	-	-	-	-
2020-18	L4/2.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-18	L4/2.0L	PR Code: JOH	●	47 ^{33,50,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2020-18	L4/2.0L	PR Code: JOK		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2020-18	L4/2.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-18	L4/2.0L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2020-18	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020-18	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2020-18	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-18	L4/2.0L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-	-	-	-	-	-
Audi • A6											
2018-16	L4/2.0L	PR Code: JOK		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2018-12	L4/2.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-12	L4/2.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2018-12	L4/2.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2018-12	L4/2.0L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2018-12	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2018-12	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-12	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2018-12	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2011	V6/3.2L	Up to VIN WAUZZZ4FZB-150000, PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2011	V6/3.2L	Up to VIN WAUZZZ4FZB-150000, PR Code: JOL		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2011	V6/3.2L	Up to VIN WAUZZZ4FZB-150000, PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2011	V6/3.2L	Up to VIN WAUZZZ4FZB-150000, PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2011	V6/3.2L	Up to VIN WAUZZZ4FZB-150000, PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2011	V6/3.2L	VIN WAUZZZ4GZB-000001-up, PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2011	V6/3.2L	VIN WAUZZZ4GZB-000001-up, PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2011	V6/3.2L	VIN WAUZZZ4GZB-000001-up, PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2011	V6/3.2L	VIN WAUZZZ4GZB-000001-up, PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2011	V6/3.2L	VIN WAUZZZ4GZB-000001-up, PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2011	V6/3.2L	VIN WAUZZZ4GZB-000001-up, PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2011	V6/3.2L	VIN WAUZZZ4GZB-000001-up, PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2011	V6/3.2L	VIN WAUZZZ4GZB-000001-up, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2010-09	V6/3.2L	PR Code: JOL		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2010-09	V6/3.2L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2010-06	V6/3.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2010-06	V6/3.2L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2010-06	V6/3.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2004-02	V6/3.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2004-02	V6/3.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2004-02	V6/3.0L	PR Code: J1R		94R ^{50,55,56,58}	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2004-02	V6/3.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
Audi • A6 allroad											
2021-20	V6/3.0L	Hybrid, PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2021-20	V6/3.0L	Hybrid, PR Code: JOV		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2021-20	V6/3.0L	Hybrid, PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2021-20	V6/3.0L	Hybrid, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Audi • A6 quattro											
2021-19	V6/3.0L	Hybrid, PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2021-19	V6/3.0L	Hybrid, PR Code: JOV		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2021-19	V6/3.0L	Hybrid, PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2021-19	V6/3.0L	Hybrid, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2021-19	L4/2.0L	PR Code: JOV		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2021-13	L4/2.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2021-13	L4/2.0L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2021-13	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Audi • A6 quattro (continued)											
2018-16	V6/3.0L	PR Code: JOK		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2018-16	L4/2.0L	PR Code: JOK		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2018-13	L4/2.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-13	L4/2.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2018-13	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2018-13	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-13	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2018-11	V6/3.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2018-11	V6/3.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2018-11	V6/3.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-11	V6/3.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-09	V6/3.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-09	V6/3.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2018-09	V6/3.0L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2018-09	V6/3.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2016	V6/3.0L	Dsl, PR Code: JOK		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2011	V8/4.2L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2011	V8/4.2L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2011	V8/4.2L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2011	V8/4.2L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2011-09	V8/4.2L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2011-05	V8/4.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2011-05	V8/4.2L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2011-02	V8/4.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2010-09	V8/4.2L	PR Code: JOL		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2010-09	V6/3.0L	PR Code: JOL		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2008-05	V6/3.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2008-05	V6/3.2L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2008-05	V6/3.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2004-02	V8/4.2L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2004-02	V8/4.2L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2004-02	V8/4.2L	PR Code: J1R		94R ^{50,55,56,58}	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2004-02	V6/3.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2004-02	V6/3.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2004-02	V6/3.0L	PR Code: J1R		94R ^{50,55,56,58}	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2004-02	V6/3.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2004	V6/2.7L	Turbo, PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2004	V6/2.7L	Turbo, PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2004	V6/2.7L	Turbo, PR Code: J1R		94R ^{50,55,56,58}	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2004	V6/2.7L	Turbo, PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2003-02	V6/2.7L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2003-02	V6/2.7L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2003-02	V6/2.7L	PR Code: J1R		94R ^{50,55,56,58}	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2003-02	V6/2.7L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
Audi • A6, A6 quattro											
2001-00	V8/4.2L			49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2001-00	V6/2.7L	Turbo		94R ⁵⁰	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Audi • A7 quattro											
2020	V6/3.0L	Hybrid, PR Code: OK4 Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2020	V6/3.0L	Hybrid, PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020	V6/3.0L	Hybrid, PR Code: JOT		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2020	V6/3.0L	Hybrid, PR Code: JOV		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2020	V6/3.0L	Hybrid, PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2020	V6/3.0L	Hybrid, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019-12	V6/3.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2019-12	V6/3.0L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2019-12	V6/3.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019	V6/3.0L	PR Code: OK4, Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2019	V6/3.0L	PR Code: JOT		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2019	V6/3.0L	PR Code: JOV		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2018-15	V6/3.0L	PR Code: JOK		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2018-12	V6/3.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-12	V6/3.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2018-12	V6/3.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-12	V6/3.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2016-15	V6/3.0L	Dsl, PR Code: JOK		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Audi • A7 quattro (continued)											
2016-14	V6/3.0L	Dsl, PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Audi • A7 Sportback											
2020-19	V6/3.0L	PR Code: OK4, Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2020-19	V6/3.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-19	V6/3.0L	PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2020-19	V6/3.0L	PR Code: J0V		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2020-19	V6/3.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2020-19	V6/3.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Audi • A8 quattro											
2021-19	V8/4.0L	PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2021-19	V8/4.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2021-13	V8/4.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2021-13	V8/4.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2021	V8/4.0L	PR Code: J0V		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2021	V6/3.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2021	V6/3.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2021	V6/3.0L	PR Code: J0V		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2021	V6/3.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-19	V8/4.0L	PR Code: J0V		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2020-19	V6/3.0L	PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2020-19	V6/3.0L	PR Code: J0V		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2020-19	V6/3.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-13	V6/3.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-13	V6/3.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2018-13	V8/4.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2018-13	V8/4.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-13	V8/4.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2018-13	V6/3.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2018-13	V6/3.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-13	V6/3.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2016-12	W12/6.3L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2016-12	W12/6.3L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2016-12	W12/6.3L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2016-12	W12/6.3L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-12	W12/6.3L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2012-10	V8/4.2L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2012-10	V8/4.2L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2012-10	V8/4.2L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2012-10	V8/4.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2012-04	V8/4.2L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2009-05	W12/6.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2007-05	W12/6.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2007-04	V8/4.2L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2003	V8/4.2L	PR Code: J0B>WAUZZZ4E23-000001	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2003	V8/4.2L	PR Code: J0Z>WAUZZZ4DZ3-001999		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2003	V8/4.2L	PR Code: J0Z>WAUZZZ4E23-000001		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2003	V8/4.2L	PR Code: J1G>WAUZZZ4DZ3-001999		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2002-99	V8/4.2L	PR Code: J1G		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2002-00	V8/4.2L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
Audi • allroad											
2016-13	L4/2.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2016-13	L4/2.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2016-13	L4/2.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2016-13	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-13	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2016	L4/2.0L	PR Code: OK4, Aux Li-ion Only		N/A ^{45,56,58,60}	-	-	-	-	-	-	-
2016	L4/2.0L	PR Code: J0H	●	47 ^{33,50,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2016	L4/2.0L	PR Code: J0K		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2016	L4/2.0L	PR Code: J2D, OK0, OK2, OK4	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016	L4/2.0L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-	-	-	-	-	-
2015-13	L4/2.0L	PR Code: J0L		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2015-13	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2015-13	L4/2.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2015-13	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Audi • allroad quattro											
2005-03	V8/4.2L	PR Code: J1G		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2005-02	V6/2.7L	PR Code: J1G		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2001	V6/2.7L			94R ⁵⁰	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Audi • Cabriolet											
1998-94	V6/2.8L			41	650	-	-	-	MT-41	-	-
Audi • Coupe quattro											
1991-90	L5/2.3L			41 ⁵⁰	650	-	-	-	-	-	MT-91/T6 ^{5,6,10}
Audi • e-tron quattro											
2021-19	Electric	PR Code: J2D	●	48 ^{33,50,55,56,58}	680		MTZ-48/H6	MTX-48/H6	-	-	-
Audi • Q3											
2020-19	L4/2.0L	PR Code: J0S		47 ^{50,55,56,58,59}	540	-	-	-	-	-	-
2020-19	L4/2.0L	PR Code: JOV, J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2020-15	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640		MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2020-15	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680		MTZ-48/H6	MTX-48/H6	-	-	-
2018-16	L4/2.0L	PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2018-16	L4/2.0L	PR Code: JOV		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2018-15	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2018-15	L4/2.0L	PR Code: J1P		140R ^{50,55,56,58}	360	-	-	MTP-H4	-	-	-
2018-15	L4/2.0L	PR Code: J2S		140R ^{50,55,56,58}	480	-	-	MTP-H4	-	-	-
Audi • Q3 quattro											
2018-16	L4/2.0L	PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2018-16	L4/2.0L	PR Code: JOV		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2018-15	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2018-15	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640		MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2018-15	L4/2.0L	PR Code: J1P		140R ^{50,55,56,58}	360	-	-	MTP-H4	-	-	-
2018-15	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680		MTZ-48/H6	MTX-48/H6	-	-	-
2018-15	L4/2.0L	PR Code: J2S		140R ^{50,55,56,58}	480	-	-	MTP-H4	-	-	-
Audi • Q5											
2020-17	L4/2.0L	PR Code: OK4, Aux - Li-ion		N/A ^{45,50,55,56,58,60}	-	-	-	-	-	-	-
2020-11	L4/2.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-11	L4/2.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-11	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020-11	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680		MTZ-48/H6	MTX-48/H6	-	-	-
2017-13	V6/3.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2017-13	V6/3.0L	PR Code: J0L		48 ^{50,55,56,58}	570		MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-
2017-13	V6/3.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017-13	V6/3.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2017-13	V6/3.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2017-13	V6/3.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2017-13	V6/3.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2017-13	V6/3.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2017-13	V6/3.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680		MTZ-48/H6	MTX-48/H6	-	-	-
2017-11	L4/2.0L	PR Code: J0L		48 ^{50,55,56,58}	570		MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-
2017-11	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017-11	L4/2.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2017-11	L4/2.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2017	V6/3.0L	PR Code: OK4, Aux - Li-ion		N/A ^{45,50,55,56,58,60}	-	-	-	-	-	-	-
2017	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J0L		48 ^{50,55,56,58}	570		MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-
2016-14	V6/3.0L	Dsl, PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2016-14	V6/3.0L	Dsl, PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2016-14	V6/3.0L	Dsl, PR Code: J2D	●	48 ^{33,50,55,56,58}	680		MTZ-48/H6	MTX-48/H6	-	-	-
2016-13	L4/2.0L	Hybrid		N/A ^{45,50,55,56}	-	-	-	-	-	-	-
2016-11	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2012-09	V6/3.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2012-09	V6/3.2L	PR Code: J0L		48 ^{50,55,56,58}	570		MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-
2012-09	V6/3.2L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2012-09	V6/3.2L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2012-09	V6/3.2L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2012-09	V6/3.2L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2012-09	V6/3.2L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2012-09	V6/3.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2012-09	V6/3.2L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680		MTZ-48/H6	MTX-48/H6	-	-	-
Audi • Q5 PHEV											
2021-20	L4/2.0L	Hybrid, PR Code: OK4 Aux - Li-ion		N/A ^{45,50,55,56,58,60}	-	-	-	-	-	-	-
2021-20	L4/2.0L	Hybrid, PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2021-20	L4/2.0L	Hybrid, PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2021-20	L4/2.0L	Hybrid, PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2021-20	L4/2.0L	Hybrid, PR Code: J2D	●	48 ^{33,50,55,56,58}	680		MTZ-48/H6	MTX-48/H6	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Audi • Q7											
2021-20	V6/3.0L	Hybrid, PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2021-20	V6/3.0L	Hybrid, PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2021-20	V6/3.0L	Hybrid, PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2021-20	V6/3.0L	Hybrid, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019-17	V6/3.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2019-17	V6/3.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2019-17	V6/3.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2019-17	V6/3.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019-17	L4/2.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2019-17	L4/2.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2019-17	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2019-17	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-11	V6/3.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2015-11	V6/3.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2015-11	V6/3.0L	PR Code: J0R	●	94R ^{33,50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2015-11	V6/3.0L	PR Code: J0Z	●	95R ^{33,50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2015-11	V6/3.0L	PR Code: J1U	●	49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2015-11	V6/3.0L	PR Code: J2V	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2015-10	V6/3.0L	Dsl, PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2015-10	V6/3.0L	Dsl, PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2015-10	V6/3.0L	Dsl, PR Code: J0R	●	94R ^{33,50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2015-10	V6/3.0L	Dsl, PR Code: J2V	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2015-09	V6/3.0L	Dsl, PR Code: J0Z	●	95R ^{33,50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2015-09	V6/3.0L	Dsl, PR Code: J1U	●	49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2010-07	V8/4.2L	PR Code: J0Z	●	95R ^{33,50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2010-07	V8/4.2L	PR Code: J1U	●	49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2010-07	V6/3.6L	PR Code: J0Z	●	95R ^{33,50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2010-07	V6/3.6L	PR Code: J1U	●	49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2010	V8/4.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2010	V8/4.2L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2010	V8/4.2L	PR Code: J0R	●	94R ^{33,50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2010	V8/4.2L	PR Code: J2V	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2010	V6/3.6L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2010	V6/3.6L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2010	V6/3.6L	PR Code: J0R	●	94R ^{33,50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2010	V6/3.6L	PR Code: J2V	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
Audi • Q8											
2020-19	V6/3.0L	Hybrid, PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-19	V6/3.0L	Hybrid, PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-19	V6/3.0L	Hybrid, PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020-19	V6/3.0L	Hybrid, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Audi • R8											
2020	V10/ 5.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020	V10/ 5.2L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-17	V10/ 5.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-17	V10/ 5.2L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2015-14	V8/4.2L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-14	V10/ 5.2L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2012-09	V10/ 5.2L	PR Code: J0L	●	48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2012-09	V10/ 5.2L	PR Code: J0Z	●	95R ^{33,50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2012-09	V10/ 5.2L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2012-08	V8/4.2L	PR Code: J0L	●	48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2012-08	V8/4.2L	PR Code: J0Z	●	95R ^{33,50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2012-08	V8/4.2L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Audi • RS Q8											
2020	V8/4.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020	V8/4.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020	V8/4.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020	V8/4.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Audi • RS3											
2020-17	L5/2.5L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
Audi • RS4											
2008-07	V8/4.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
Audi • RS5											
2021	V6/2.9L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2021	V6/2.9L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2021	V6/2.9L	PR Code: J4E	●	94R ^{30,55,56,58,59}	780	-	-	-	-	-	-
2019-18	V6/2.9L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2019-18	V6/2.9L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2019-18	V6/2.9L	PR Code: J4E	●	94R ^{50,55,56,58,59}	780	-	-	-	-	-	-
2015-13	V8/4.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Audi • RS5 (continued)											
2015-13	V8/4.2L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2015-13	V8/4.2L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2015-13	V8/4.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2015-13	V8/4.2L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Audi • RS5 Sportback											
2021	V6/2.9L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2021	V6/2.9L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2021	V6/2.9L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-	-	-	-	-	-
2019	V6/2.9L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2019	V6/2.9L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2019	V6/2.9L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-	-	-	-	-	-
Audi • RS6											
2004-03	V8/4.2L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
Audi • RS7											
2018-14	V8/4.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-14	V8/4.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2018-14	V8/4.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2018-14	V8/4.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2018-14	V8/4.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-14	V8/4.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2018-14	V8/4.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Audi • S3											
2020-17	L4/2.0L	PR Code: J0H	●	47 ^{33,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2020-17	L4/2.0L	PR Code: J0V		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2020-15	L4/2.0L	PR Code: J0N		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2020-15	L4/2.0L	PR Code: J0S		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2020-15	L4/2.0L	PR Code: J0T		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2020-15	L4/2.0L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2020-15	L4/2.0L	PR Code: J1P		140R ^{55,56,58}	360	-	-	MTP-H4	-	-	-
2020-15	L4/2.0L	PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-15	L4/2.0L	PR Code: J2S		140R ^{55,56,58}	480	-	-	MTP-H4	-	-	-
Audi • S4											
2020-18	V6/3.0L	PR Code: OK4, Aux Li-ion Only		N/A ^{45,56,58,60}	-	-	-	-	-	-	-
2020-18	V6/3.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-18	V6/3.0L	PR Code: J0H	●	47 ^{33,50,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2020-18	V6/3.0L	PR Code: J0K		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2020-18	V6/3.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-18	V6/3.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2020-18	V6/3.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020-18	V6/3.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2020-18	V6/3.0L	PR Code: J2D, OK0, OK2, OK4	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020	V6/3.0L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-	-	-	-	-	-
2019	V6/3.0L	PR Code: J4E		94R ^{50,55,56,58,59}	750	-	-	-	-	-	-
2018	V6/3.0L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-	-	-	-	-	-
2016-10	V6/3.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2016-10	V6/3.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2016-10	V6/3.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2016-10	V6/3.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-10	V6/3.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2016	V6/3.0L	PR Code: OK4, Aux Li-ion Only		N/A ^{45,56,58,60}	-	-	-	-	-	-	-
2016	V6/3.0L	PR Code: J0H	●	47 ^{33,50,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2016	V6/3.0L	PR Code: J0K		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2016	V6/3.0L	PR Code: J2D, OK0, OK2, OK4	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016	V6/3.0L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-	-	-	-	-	-
2015-13	V6/3.0L	PR Code: J0L		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2015-13	V6/3.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2015-13	V6/3.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-10	V6/3.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2009-04	V8/4.2L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2009-04	V8/4.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2009	V8/4.2L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2009	V8/4.2L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2009	V8/4.2L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2009	V8/4.2L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2002	V6/2.7L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2002	V6/2.7L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2002	V6/2.7L	PR Code: J1R		94R ^{50,55,56,58}	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2002	V6/2.7L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2001-00	V6/2.7L	PR Code: J0L		48 ⁵⁰	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Audi • S5											
2020-17	V6/3.0L	PR Code: OK4, Aux Li-ion Only		N/A ^{45,56,58,60}	-	-	-	-	-	-	-
2020-17	V6/3.0L	PR Code: J0H	●	47 ^{33,50,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2020-17	V6/3.0L	PR Code: J0K		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Audi • S5 (continued)											
2020-17	V6/3.0L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-	-	-	-	-	-
2020-12	V6/3.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020-10	V6/3.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-10	V6/3.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-10	V6/3.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2020-10	V6/3.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2020-10	V6/3.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017-10	V6/3.0L	PR Code: J0L		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2017-10	V6/3.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017-10	V6/3.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2012-10	V8/4.2L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2012-10	V8/4.2L	PR Code: J0L		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2012-10	V8/4.2L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2012-10	V8/4.2L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2012-10	V8/4.2L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2012-08	V8/4.2L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2012-08	V8/4.2L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2012-08	V8/4.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2012	V8/4.2L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
Audi • S5 Sportback											
2020-18	V6/3.0L	PR Code: OK4, Aux Li-ion Only		N/A ^{45,56,58,60}	-	-	-	-	-	-	-
2020-18	V6/3.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-18	V6/3.0L	PR Code: J0H	●	47 ^{33,50,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2020-18	V6/3.0L	PR Code: J0K		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2020-18	V6/3.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-18	V6/3.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2020-18	V6/3.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020-18	V6/3.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2020-18	V6/3.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-18	V6/3.0L	PR Code: J4E		94R ^{50,55,56,58,59}	780	-	-	-	-	-	-
Audi • S6											
2020	V6/2.9L	Hybrid, PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020	V6/2.9L	Hybrid, PR Code: JOV		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2020	V6/2.9L	Hybrid, PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2020	V6/2.9L	Hybrid, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-16	V8/4.0L	PR Code: J0K		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-
2018-13	V8/4.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-13	V8/4.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2018-13	V8/4.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2018-13	V8/4.0L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2018-13	V8/4.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2018-13	V8/4.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-13	V8/4.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2018-13	V8/4.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2011	V10/ 5.2L	Up to VIN WAUZZZ4FZB-150000, PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2011	V10/ 5.2L	Up to VIN WAUZZZ4FZB-150000, PR Code: J0L		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2011	V10/ 5.2L	Up to VIN WAUZZZ4FZB-150000, PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2011	V10/ 5.2L	Up to VIN WAUZZZ4FZB-150000, PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2011	V10/ 5.2L	Up to VIN WAUZZZ4FZB-150000, PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2011	V10/ 5.2L	VIN WAUZZZ4GZB-000001-up, PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2011	V10/ 5.2L	VIN WAUZZZ4GZB-000001-up, PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2011	V10/ 5.2L	VIN WAUZZZ4GZB-000001-up, PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2011	V10/ 5.2L	VIN WAUZZZ4GZB-000001-up, PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2011	V10/ 5.2L	VIN WAUZZZ4GZB-000001-up, PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2011	V10/ 5.2L	VIN WAUZZZ4GZB-000001-up, PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2011	V10/ 5.2L	VIN WAUZZZ4GZB-000001-up, PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2011	V10/ 5.2L	VIN WAUZZZ4GZB-000001-up, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2010-09	V10/ 5.2L	PR Code: J0L		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2010-09	V10/ 5.2L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2010-07	V10/ 5.2L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2010-07	V10/ 5.2L	PR Code: J0Z		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2010-07	V10/ 5.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2003-02	V8/4.2L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2003-02	V8/4.2L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2003-02	V8/4.2L	PR Code: J1R		94R ^{50,55,56,58}	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2003-02	V8/4.2L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
Audi • S7											
2021-20	V6/2.9L	Hybrid, PR Code: OK4 Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2021-20	V6/2.9L	Hybrid, PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2021-20	V6/2.9L	Hybrid, PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2021-20	V6/2.9L	Hybrid, PR Code: JOV		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2021-20	V6/2.9L	Hybrid, PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2021-20	V6/2.9L	Hybrid, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-15	V8/4.0L	PR Code: J0K		49 ^{50,55,56,58,59}	850	-	-	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Audi • S7 (continued)											
2018-13	V8/4.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-13	V8/4.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2018-13	V8/4.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2018-13	V8/4.0L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2018-13	V8/4.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-13	V8/4.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2018-13	V8/4.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Audi • S7 Sportback											
2021-20	V6/2.9L	Hybrid, PR Code: OK4 Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2021-20	V6/2.9L	Hybrid, PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2021-20	V6/2.9L	Hybrid, PR Code: JOT		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2021-20	V6/2.9L	Hybrid, PR Code: JOV		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2021-20	V6/2.9L	Hybrid, PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2021-20	V6/2.9L	Hybrid, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Audi • S8											
2021	V8/4.0L	PR Code: JOV		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2021-20	V8/4.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2021-20	V8/4.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2021-20	V8/4.0L	PR Code: JOT		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2021-20	V8/4.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020	V8/4.0L	PR Code: JOV		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2018-13	V8/4.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-13	V8/4.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2018-13	V8/4.0L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2018-13	V8/4.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-13	V8/4.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2009-07	V10/5.2L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2007	V10/5.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2003	V8/4.2L	PR Code: JOB, To VIN WAUZZ4E23-000001	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2003	V8/4.2L	PR Code: JOZ, To VIN WAUZZ4DZ3-001999		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2003	V8/4.2L	PR Code: JOZ, VIN WAUZZ4E23-000001 on		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2003	V8/4.2L	PR Code: J1, VIN WAUZZ4DZ3-001999 on		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2002	V8/4.2L	PR Code: JOZ		95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2002	V8/4.2L	PR Code: J1G		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2001	V8/4.2L	PR Code: J1U		49 ^{50,54,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2001	V8/4.2L			49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Audi • SQ5											
2020-18	V6/3.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-18	V6/3.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-18	V6/3.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020-18	V6/3.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017-14	V6/3.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
Audi • SQ8											
2020	V8/4.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020	V8/4.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020	V8/4.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020	V8/4.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Audi • TT											
2009-08	L4/2.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2009-08	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2006-02	L4/1.8L			N/A ^{45,50,54}	480	-	-	-	-	-	-
Audi • TT quattro											
2021-16	L4/2.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2021-16	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2021-16	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2021-09	L4/2.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2021-09	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2015-11	L4/2.0L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2009-08	V6/3.2L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2009-08	V6/3.2L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2006-04	V6/3.2L			N/A ^{45,50,54}	480	-	-	-	-	-	-
2006-02	L4/1.8L			N/A ^{45,50,54}	480	-	-	-	-	-	-
Audi • TT, TT quattro											
2001-00	L4/1.8L			47	480	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Audi • TT RS quattro											
2021-18	L5/2.5L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2021-18	L5/2.5L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2013-12	L5/2.5L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2013-12	L5/2.5L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
Audi • TTS quattro											
2021-16	L4/2.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2021-16	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2021-16	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Audi • TTS quattro (continued)											
2021-09	L4/2.0L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2021-09	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2015-11	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
Audi • V8 quattro											
1994-92	V8/4.2L	32 Valve		41 ⁵⁰	720	-	-	-	-	-	MT-91/T6 ^{5,6,10}
1990	V8/3.6L	32 Valve		41 ⁵⁰	650	-	-	-	-	-	MT-91/T6 ^{5,6,10}
Avanti • Avanti											
2007-05	V8/4.6L			96R	590	-	-	MTP-96R	-	-	-
Bentley • Arnage											
2009-08	V8/6.8L	Aux - Left Side		34 ⁵⁰	750	MTZ-34	MTX-34 ⁴⁸	-	-	-	-
2009-08	V8/6.8L	Primary Battery - Right Side		91 ⁵⁰	700	-	-	-	MT-91/T6	-	-
2007-02	V8/6.8L			91	700	-	-	-	MT-91/T6	-	-
2001-99	V8/4.4L			91	700	-	-	-	MT-91/T6	-	-
Bentley • Azure											
2010-08	V8/6.8L	Aux - Left Side		34 ⁵⁰	750	MTZ-34	MTX-34 ⁴⁸	-	-	-	-
2010-08	V8/6.8L	Primary Battery - Right Side		91 ⁵⁰	700	-	-	-	MT-91/T6	-	-
2007-06	V8/6.8L			91	700	-	-	-	MT-91/T6	-	-
2003-02	V8/6.8L			91	700	-	-	-	MT-91/T6	-	-
Bentley • Brooklands											
2009-08	V8/6.8L	Aux - Left Side		34 ⁵⁰	750	MTZ-34	MTX-34 ⁴⁸	-	-	-	-
2009-08	V8/6.8L	Primary Battery - Right Side		91 ⁵⁰	700	-	-	-	MT-91/T6	-	-
Bentley • Continental											
2014-13	V8/4.0L	Aux - Left Side	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2014-13	V8/4.0L	Primary Battery - Right Side		47 ^{50,54}	610	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2014-09	W12/6.0L	Aux - Left Side	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2014-09	W12/6.0L	Primary Battery - Right Side		47 ^{50,54}	610	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2008-04	W12/6.0L	Aux - Left Side	●	49 ³³	900	-	MTX-49/H8	-	-	-	-
2008-04	W12/6.0L	Primary Battery - Right Side		47	650	-	MTX-47/H5	-	MT-47/H5	-	-
2003-02	V8/6.8L			24	650	MTZ-34 ¹	-	MTP-24	-	M-24HC	-
2003	W12/6.0L			24	650	MTZ-34 ¹	-	MTP-24	-	M-24HC	-
Bentley • Eight											
1991-90	V8/6.8L			24	800	-	-	-	-	-	-
Bentley • Flying Spur											
2017-15	V8/4.0L			47	610	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2017-14	W12/6.0L			47	610	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Bentley • Mulsanne											
2014-11	V8/6.8L	Aux - Left Side	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2014-11	V8/6.8L	Primary Battery - Right Side		47 ^{50,54}	610	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
BMW • 1 Series M											
2011	L6/3.0L		●	48 ^{33,50,54,55}	760	-	MTX-48/H6	-	-	-	-
BMW • 128i											
2013-08	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2013-08	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2013-08	L6/3.0L	Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2013-08	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-08	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2013-08	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 135i											
2013-08	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2013-08	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2013-08	L6/3.0L	Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2013-08	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-08	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2013-08	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 135is											
2013	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2013	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2013	L6/3.0L	Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2013	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2013	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 228i											
2016-14	L4/2.0L		●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2016-14	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 228i xDrive											
2016-15	L4/2.0L		●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2016-15	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 230i											
2019	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2017	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
BMW • 230i xDrive											
2018	L4/2.0L			49 ⁵⁴	900	-	MTX-49/H8	-	MT-49/H8	-	-
2017	L4/2.0L		●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2017	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 320i											
2018-12	L4/2.0L		●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2018-12	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2016-12	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2015-12	L4/2.0L	Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2005-02	L6/2.2L			48 ^{50,54,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2005-02	L6/2.2L	Opt		94R ^{50,54,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 320i xDrive											
2018-13	L4/2.0L		●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2018-13	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2016-13	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2015-13	L4/2.0L	Aux		N/A ⁴⁵	-	-	-	-	-	-	-
BMW • 320i, 320Xi											
2001	L6/2.2L			48 ^{18,50}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2001	L6/2.2L	Opt		94R ^{18,50,54,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 323i											
2011-06	L6/2.5L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2011-06	L6/2.5L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2011-06	L6/2.5L	Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2011-06	L6/2.5L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2011-06	L6/2.5L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2011-06	L6/2.5L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 323i, 323iS, 323Ci											
2000-99	L6/2.5L			94R ^{18,50}	765	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2000	L6/2.5L	Ex Conv	●	48 ^{18,33,50,54}	750	-	MTX-48/H6	-	-	-	-
2000	L6/2.5L	Conv		94R ^{18,50,54,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
1999	L6/2.5L			94R ^{18,50}	765	-	MTX-94R/H7	MTP-94R/H7	-	-	-
BMW • 325Ci											
2006-03	L6/2.5L	SULEV	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2006-03	L6/2.5L	Ex SULEV		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2006-03	L6/2.5L	SULEV Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2002	L6/2.5L			94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 325i											
2006	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2006	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2006	L6/3.0L	Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2006	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2006	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2006	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005-04	L6/2.5L			94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005-04	L6/2.5L	Opt		48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2005-04	L6/2.5L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2005-04	L6/2.5L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2003-02	L6/2.5L	SULEV	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2003-02	L6/2.5L	Ex SULEV		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2003-02	L6/2.5L	SULEV Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2003-02	L6/2.5L	Ex SULEV Opt		48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
BMW • 325xi											
2006	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2006	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2006	L6/3.0L	Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2006	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2006	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2006	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005-04	L6/2.5L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2005-04	L6/2.5L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2005-02	L6/2.5L			94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005-02	L6/2.5L	Opt		48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
BMW • 325 Series											
2001	L6/2.5L	Opt		48 ^{18,50,54}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2001	L6/2.5L	Opt		48 ^{18,50,54,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2001	L6/2.5L			94R ^{18,50,54}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
1991-90	L6/2.5L			91	600	-	-	-	MT-91/T6	-	-
2001	L6/2.5L	X		48 ^{18,50,54,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2001	L6/2.5L	Opt		94R ^{18,50,54,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 328 Series											
2000	L6/2.8L	X		48 ^{18,50,54}	750	-	MTX-48/H6	MTP-48/H6 ⁴⁸	-	-	-
2000	L6/2.8L	Opt		94R ^{18,50}	765	-	MTX-94R/H7	MTP-94R/H7	-	-	-
1999	L6/2.8L			94R ^{18,50}	765	-	MTX-94R/H7	MTP-94R/H7	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
BMW • 328d											
2018-14	L4/2.0L	Dsl	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2018	L4/2.0L	Dsl, Opt	●	94R ^{33,50,54,55,56}	900	-	MTX-94R/H7	-	-	-	-
2017-14	L4/2.0L	Dsl, Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2016-14	L4/2.0L	Dsl, Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2015-14	L4/2.0L	Dsl, Aux		N/A ⁴⁵	-	-	-	-	-	-	-
BMW • 328d xDrive											
2018-14	L4/2.0L	Dsl	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2018-14	L4/2.0L	Dsl, Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2016-14	L4/2.0L	Dsl, Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2015-14	L4/2.0L	Dsl, Aux		N/A ⁴⁵	-	-	-	-	-	-	-
BMW • 328i											
2016-15	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2016-12	L4/2.0L		●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2015-12	L4/2.0L	Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2013-07	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2013-07	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2013-07	L6/3.0L	Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2013-07	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-07	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2013-07	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 328i GT xDrive											
2016-14	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 328i xDrive											
2016-15	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2016-14	L4/2.0L		●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2015-14	L4/2.0L	Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2013-09	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2013-09	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2013-09	L6/3.0L	Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2013-09	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-09	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2013-09	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2013	L4/2.0L		●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2013	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 328xi											
2008-07	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2008-07	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2008-07	L6/3.0L	Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2008-07	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2008-07	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2008-07	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 330Ci											
2006	L6/3.0L			48 ^{50,54,55}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2005-02	L6/3.0L			94R ^{50,54,55}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 330Ci, 330i, 330xi											
2001	L6/3.0L			94R ⁵⁰	765	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 330e											
2018-16	L4/2.0L		●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2018-16	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018-16	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
BMW • 330i											
2018-17	L4/2.0L		●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2018-17	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2006	L6/3.0L			48 ^{50,54,55}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2005-02	L6/3.0L			94R ^{50,54,55}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 330i GT xDrive											
2018-17	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 330i xDrive											
2018-17	L4/2.0L		●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2018-17	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
BMW • 330xi											
2006	L6/3.0L			48 ^{50,54,55}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2005-02	L6/3.0L			94R ^{50,54,55}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 335d											
2011-09	L6/3.0L	Dsl		48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2011-09	L6/3.0L	Dsl, Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2011-09	L6/3.0L	Dsl, Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2011-09	L6/3.0L	Dsl, Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2011-09	L6/3.0L	Dsl, Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2011-09	L6/3.0L	Dsl, Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
BMW • 335i											
2015-14	L6/3.0L		●	94R ^{33,50,54,55,56}	800	-		MTX-94R/H7	-	-	-
2015-07	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2014-07	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2013-07	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2013-07	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-		MTX-48/H6	-	-	-
2013-07	L6/3.0L	Opt	●	49 ^{50,54,55,56}	720	-		MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8
2013-07	L6/3.0L	Opt	●	94R ^{50,54,55,56}	640	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
BMW • 335i GT xDrive											
2016-14	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • 335i xDrive											
2015-14	L6/3.0L		●	94R ^{33,50,54,55,56}	800	-		MTX-94R/H7	-	-	-
2015-14	L6/3.0L	Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2015-14	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2013-09	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2013-09	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-		MTX-48/H6	-	-	-
2013-09	L6/3.0L	Opt	●	49 ^{50,54,55,56}	720	-		MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8
2013-09	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2013-09	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2013-09	L6/3.0L	Opt	●	94R ^{50,54,55,56}	640	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
BMW • 335is											
2013-11	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2013-11	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-		MTX-48/H6	-	-	-
2013-11	L6/3.0L	Opt	●	49 ^{50,54,55,56}	720	-		MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8
2013-11	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2013-11	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2013-11	L6/3.0L	Opt	●	94R ^{50,54,55,56}	640	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
BMW • 335xi											
2008-07	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2008-07	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-		MTX-48/H6	-	-	-
2008-07	L6/3.0L	Opt	●	49 ^{50,54,55,56}	720	-		MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8
2008-07	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2008-07	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2008-07	L6/3.0L	Opt	●	94R ^{50,54,55,56}	640	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
BMW • 340i											
2018-16	L6/3.0L		●	48 ^{33,50,54,55,56}	760	-		MTX-48/H6	-	-	-
2018-16	L6/3.0L	Opt	●	94R ^{33,50,54,55,56}	800	-		MTX-94R/H7	-	-	-
2016	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • 340i GT xDrive											
2018-17	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • 340i xDrive											
2018-16	L6/3.0L		●	48 ^{33,50,54,55,56}	760	-		MTX-48/H6	-	-	-
2018-16	L6/3.0L	Opt	●	94R ^{33,50,54,55,56}	800	-		MTX-94R/H7	-	-	-
2016	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • 428i											
2016-14	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • 428i Gran Coupe											
2016-15	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • 428i xDrive											
2016	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2015-14	L4/2.0L	Conv	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2015-14	L4/2.0L	Coupe	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
BMW • 428i xDrive Gran Coupe											
2016	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2015	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • 430i											
2018-17	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • 430i Gran Coupe											
2018-17	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • 430i xDrive											
2018	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2017	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • 430i xDrive Gran Coupe											
2018-17	L4/2.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • 435i											
2016	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2015-14	L6/3.0L	Conv	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2015-14	L6/3.0L	Coupe	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
BMW • 435i Gran Coupe											
2016	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2015	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
BMW • 435i xDrive											
2016	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2015	L6/3.0L	Conv	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2015	L6/3.0L	Coupe	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 435i xDrive Gran Coupe											
2016	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2015	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 440i											
2018-17	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 440i Gran Coupe											
2018-17	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 440i xDrive											
2018-17	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 440i xDrive Gran Coupe											
2018-17	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 525 Series											
2001	L6/2.5L			49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
1993	L6/2.5L			93 ⁵⁰	800	-	-	-	MT-93/T8	-	-
1993	L6/2.5L	Opt		93 ⁵⁰	800	-	-	-	MT-93/T8	-	-
1990	L6/2.5L			91 ⁵⁰	600	-	-	-	MT-91/T6	-	-
BMW • 525i											
2007-06	L6/3.0L			95R ^{50,54,55}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2007-06	L6/3.0L	Opt		49 ^{50,54,55}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2007-06	L6/3.0L	Opt		94R ^{50,54,55}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005-02	L6/2.5L			94R ^{50,54,55}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005	L6/2.5L	Opt		49 ^{50,54,55}	900	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2004-02	L6/2.5L	Opt		49 ^{50,54,55}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
BMW • 525xi											
2007-06	L6/3.0L			95R ^{50,54,55}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2007-06	L6/3.0L	Opt		49 ^{50,54,55}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2007-06	L6/3.0L	Opt		94R ^{50,54,55}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 528i											
2016	L4/2.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-13	L4/2.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015-12	L4/2.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-12	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2013-12	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2012	L4/2.0L	Opt		95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2011-10	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2011-10	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2011-10	L6/3.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2011-10	L6/3.0L	Opt		95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2009-08	L6/3.0L			49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2009-08	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2009-08	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	L6/3.0L	Opt		95R ^{50,54,55,56}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 528i xDrive											
2016	L4/2.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-13	L4/2.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015-12	L4/2.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-12	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2013-12	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2012	L4/2.0L	Opt		95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2010	L6/3.0L			49 ^{50,54,55,56}	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2010	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2010	L6/3.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2010	L6/3.0L	Opt		95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2009	L6/3.0L			49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2009	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2009	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009	L6/3.0L	Opt		95R ^{50,54,55,56}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 528xi											
2008	L6/3.0L			49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2008	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2008	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	L6/3.0L	Opt		95R ^{50,54,55,56}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 530 Series											
1995-94	V8/3.0L			93 ⁵⁰	800	-	-	-	MT-93/T8	-	-
BMW • 530e											
2018	L4/2.0L	Hybrid	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018	L4/2.0L	Hybrid, Aux	●	47 ^{33,50,55,56}	-	-	MTX-47/H5	-	-	-	-
2018	L4/2.0L	Hybrid, Opt	●	95R ^{33,50,55,56}	-	-	MTX-95R/H9	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
BMW • 530e xDrive											
2018	L4/2.0L	Hybrid	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018	L4/2.0L	Hybrid, Aux	●	47 ^{33,50,55,56}	-	-	MTX-47/H5	-	-	-	-
2018	L4/2.0L	Hybrid, Opt	●	95R ^{33,50,55,56}	-	-	MTX-95R/H9	-	-	-	-
BMW • 530i											
2018-17	L4/2.0L		●	47 ^{33,50,54,55,56}	680	-	MTX-47/H5	-	-	-	-
2018-17	L4/2.0L	Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2018-17	L4/2.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2018-17	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018-17	L4/2.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2018-17	L4/2.0L	Opt	●	N/A ^{33,45,50,55,56}	-	-	-	-	-	-	-
2007-02	L6/3.0L			49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2007-02	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2007-02	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-02	L6/3.0L	Opt		95R ^{50,54,55,56}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 530i xDrive											
2018-17	L4/2.0L		●	47 ^{33,50,54,55,56}	680	-	MTX-47/H5	-	-	-	-
2018-17	L4/2.0L	Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2018-17	L4/2.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2018-17	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018-17	L4/2.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2018-17	L4/2.0L	Opt	●	N/A ^{33,45,50,55,56}	-	-	-	-	-	-	-
BMW • 530xi											
2007-06	L6/3.0L			49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2007-06	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2007-06	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-06	L6/3.0L	Opt		95R ^{50,54,55,56}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 535d											
2016	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-14	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-14	L6/3.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2014	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 535d xDrive											
2016	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-14	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-14	L6/3.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2014	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 535i											
2016	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-13	L6/3.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-11	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-08	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-11	L6/3.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2012-11	L6/3.0L	Opt		95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2010-08	L6/3.0L			49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2010-08	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010-08	L6/3.0L	Opt		95R ^{50,54,55,56}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 535i GT											
2017-14	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-10	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2013-10	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 535i GT xDrive											
2017-14	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-11	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2013-11	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 535i xDrive											
2016	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-13	L6/3.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2014-11	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-09	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-11	L6/3.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2012-11	L6/3.0L	Opt		95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2010-09	L6/3.0L			49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2010-09	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010-09	L6/3.0L	Opt		95R ^{50,54,55,56}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 535xi											
2008	L6/3.0L			49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2008	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2008	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	L6/3.0L	Opt		95R ^{50,54,55,56}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
BMW • 540i											
2018-17	L6/3.0L		●	47 ^{33,50,54,55,56}	680	-	MTX-47/H5	-	-	-	-
2018-17	L6/3.0L	Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2018-17	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2018-17	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018-17	L6/3.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2018-17	L6/3.0L	Opt	●	N/A ^{33,45,50,55,56}	-	-	-	-	-	-	-
2003	V8/4.4L	Opt	●	49 ^{33,50,54,55}	900	-	MTX-49/H8	-	-	-	-
2003-02	V8/4.4L			49 ^{50,54,55}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
1995-94	V8/4.0L			93 ⁵⁰	800	-	-	-	MT-93/T8	-	-
BMW • 540i xDrive											
2018-17	L6/3.0L		●	47 ^{33,50,54,55,56}	680	-	MTX-47/H5	-	-	-	-
2018-17	L6/3.0L	Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2018-17	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2018-17	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018-17	L6/3.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2018-17	L6/3.0L	Opt	●	N/A ^{33,45,50,55,56}	-	-	-	-	-	-	-
BMW • 545i											
2005-04	V8/4.4L			95R ^{50,54,55,56}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2005-04	V8/4.4L	Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2005-04	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2005-04	V8/4.4L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
BMW • 550i											
2016	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-13	V8/4.4L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2014-11	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-11	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2012-11	V8/4.4L	Opt		95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2010-06	V8/4.8L			49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2010-06	V8/4.8L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2010-06	V8/4.8L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010-06	V8/4.8L	Opt		95R ^{50,54,55,56}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 550i GT											
2015-14	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-10	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2013-10	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 550i GT xDrive											
2017-14	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-10	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2013-10	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 550i xDrive											
2016	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-13	V8/4.4L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-11	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-11	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2012-11	V8/4.4L	Opt		95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 640i											
2018-16	L6/3.0L		●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015-14	L6/3.0L	Aux	●	N/A ^{33,45,50,54}	200	-	-	-	-	-	-
2015-14	L6/3.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-12	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2013-12	L6/3.0L	Aux	●	N/A ^{33,45,54}	200	-	-	-	-	-	-
2013-12	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013	L6/3.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2012	L6/3.0L	Opt		95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 640i Gran Coupe											
2018-16	L6/3.0L		●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015-14	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-14	L6/3.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015	L6/3.0L	Aux	●	N/A ^{33,45,54}	200	-	-	-	-	-	-
2014	L6/3.0L	Aux	●	N/A ^{33,45,50,54}	200	-	-	-	-	-	-
2013	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013	L6/3.0L	Aux	●	N/A ^{33,45,54}	200	-	-	-	-	-	-
2013	L6/3.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
BMW • 640i xDrive											
2018-17	L6/3.0L		●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2016	L6/3.0L		●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-14	L6/3.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
BMW • 640i xDrive (continued)											
2015	L6/3.0L	Aux	●	N/A ^{33,45,54}	200	-	-	-	-	-	-
2014	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 640i xDrive Gran Coupe											
2018-16	L6/3.0L		●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015-14	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-14	L6/3.0L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015	L6/3.0L	Aux	●	N/A ^{33,45,54}	200	-	-	-	-	-	-
BMW • 640i xDrive Gran Turismo											
2018	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018	L6/3.0L	Aux w/Executive Drive	●	47 ^{33,50,55,56}	-	-	MTX-47/H5	-	-	-	-
2018	L6/3.0L	Opt	●	95R ^{33,50,55,56}	-	-	MTX-95R/H9	-	-	-	-
BMW • 645Ci											
2005-04	V8/4.4L			95R ^{50,54,55}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 650i											
2018-16	V8/4.4L		●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-13	V8/4.4L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2014	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-12	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2012	V8/4.4L	Opt	●	95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2010-06	V8/4.8L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2010-06	V8/4.8L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2007-06	V8/4.8L	Opt	●	95R ^{50,54,55,56}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 650i Gran Coupe											
2018-16	V8/4.4L		●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015-13	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-13	V8/4.4L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
BMW • 650i xDrive											
2018-16	V8/4.4L		●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-13	V8/4.4L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2014	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-12	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2012	V8/4.4L	Opt	●	95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 650i xDrive Gran Coupe											
2018-16	V8/4.4L		●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015-13	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-13	V8/4.4L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
BMW • 740 Series											
2001	V8/4.4L			95R ^{18,50}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 740e xDrive											
2018-17	L4/2.0L	Hybrid, Aux	●	47 ^{33,50,55,56}	-	-	MTX-47/H5	-	-	-	-
2018	L4/2.0L	Hybrid	●	49 ^{33,50,54,55,56}	600	-	MTX-49/H8	-	-	-	-
2017	L4/2.0L	Hybrid	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • 740i											
2018-17	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018-17	L6/3.0L	Aux w/Executive Drive	●	47 ^{33,50,55,56}	-	-	MTX-47/H5	-	-	-	-
2018-17	L6/3.0L	Opt	●	95R ^{33,50,55,56}	-	-	MTX-95R/H9	-	-	-	-
2016	L6/3.0L		●	47 ^{33,50,54,55,56}	680	-	MTX-47/H5	-	-	-	-
2016	L6/3.0L	Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2015	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-11	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-11	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 740i xDrive											
2018-17	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018-17	L6/3.0L	Aux w/Executive Drive	●	47 ^{33,50,55,56}	-	-	MTX-47/H5	-	-	-	-
2018-17	L6/3.0L	Opt	●	95R ^{33,50,55,56}	-	-	MTX-95R/H9	-	-	-	-
BMW • 740Ld xDrive											
2015	L6/3.0L	Dsl	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 740Li											
2015	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-11	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-11	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 740Li xDrive											
2015	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-13	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-13	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
BMW • 745i											
2005-04	V8/4.4L		●	49 ^{33,50,54,55}	900	-	MTX-49/H8	-	-	-	-
2003-02	V8/4.4L	Opt	●	49 ^{33,50,54,55}	900	-	MTX-49/H8	-	-	-	-
2003	V8/4.4L			95R ^{50,54,55}	800	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2002	V8/4.4L			95R ^{50,54,55}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • 745Li											
2005-04	V8/4.4L		●	49 ^{33,50,54,55}	900	-	MTX-49/H8	-	-	-	-
2003-02	V8/4.4L	Opt	●	49 ^{33,50,54,55}	900	-	MTX-49/H8	-	-	-	-
2003	V8/4.4L			95R ^{50,54,55}	800	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2002	V8/4.4L		●	95R ^{33,50,54,55}	800	-	MTX-95R/H9	-	-	-	-
BMW • 750 Series											
2001	V12/5.4L	Aux Battery		48 ⁵⁰	650	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2001	V12/5.4L			95R ⁵⁰	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
1999	V12/5.4L	Aux Battery		48 ⁵⁰	650	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
BMW • 750i											
2018-17	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018-17	V8/4.4L	Aux w/Executive Drive	●	47 ^{33,50,55,56}	-	-	MTX-47/H5	-	-	-	-
2018-17	V8/4.4L	Opt	●	95R ^{33,50,55,56}	-	-	MTX-95R/H9	-	-	-	-
2016	V8/4.4L		●	47 ^{33,50,54,55,56}	680	-	MTX-47/H5	-	-	-	-
2016	V8/4.4L	Aux	●	N/A ^{33,45}	-	-	-	-	-	-	-
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-09	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-09	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2008-06	V8/4.8L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2008-06	V8/4.8L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 750i xDrive											
2018-17	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018-17	V8/4.4L	Aux w/Executive Drive	●	47 ^{33,50,55,56}	-	-	MTX-47/H5	-	-	-	-
2018-17	V8/4.4L	Opt	●	95R ^{33,50,55,56}	-	-	MTX-95R/H9	-	-	-	-
2016	V8/4.4L		●	47 ^{33,50,54,55,56}	680	-	MTX-47/H5	-	-	-	-
2016	V8/4.4L	Aux	●	N/A ^{33,45}	-	-	-	-	-	-	-
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-10	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-10	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 750Li											
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-09	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-09	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2008-06	V8/4.8L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2008-06	V8/4.8L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 750Li xDrive											
2018-17	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018-17	V8/4.4L	Aux w/Executive Drive	●	47 ^{33,50,55,56}	-	-	MTX-47/H5	-	-	-	-
2018-17	V8/4.4L	Opt	●	95R ^{33,50,55,56}	-	-	MTX-95R/H9	-	-	-	-
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-10	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-10	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • 760i											
2006	V12/6.0L			49 ^{50,54,55}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2005-04	V12/6.0L			49 ^{50,54,55}	900	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
BMW • 760Li											
2015	V12/6.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-10	V12/6.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-10	V12/6.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2008-06	V12/6.0L			49 ^{50,54,55}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2005-03	V12/6.0L			49 ^{50,54,55}	900	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
BMW • 840Ci											
1995-94	V8/4.0L	Opt		91 ⁵⁰	600	-	-	-	MT-91/T6	-	-
1994	V8/4.0L			93 ⁵⁰	800	-	-	-	MT-93/T8	-	-
BMW • 850 Series											
1995-94	V12/5.6L	Opt		91 ⁵⁰	600	-	-	-	MT-91/T6	-	-
1995-94	V12/5.6L			93 ⁵⁰	800	-	-	-	MT-93/T8	-	-
1992-91	V12/5.0L	Opt		91 ⁵⁰	600	-	-	-	MT-91/T6	-	-
1992-91	V12/5.0L			93 ⁵⁰	800	-	-	-	MT-93/T8	-	-
BMW • ActiveHybrid 3											
2015-13	L6/3.0L	Hybrid	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2015-13	L6/3.0L	Hybrid, Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • ActiveHybrid 5											
2016-15	L6/3.0L	Hybrid	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-12	L6/3.0L	Hybrid, Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2014	L6/3.0L	Hybrid	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-12	L6/3.0L	Hybrid, Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013-12	L6/3.0L	Hybrid		94R ^{50,54,55,56}	800	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2013-12	L6/3.0L	Hybrid, Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
BMW • ActiveHybrid 7											
2015-13	L6/3.0L	Hybrid	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2014-13	L6/3.0L	Hybrid, Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • Alpina B6 Gran Coupe											
2016	V8/4.4L		●	95R ^{33,50,54,55,56}	950	-		MTX-95R/H9	-	-	-
BMW • Alpina B6 xDrive Gran Coupe											
2018-15	V8/4.4L		●	95R ^{33,50,54,55,56}	950	-		MTX-95R/H9	-	-	-
BMW • Alpina B7											
2018-17	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2018-17	V8/4.4L	Opt	●	95R ^{33,50,55,56}	-	-		MTX-95R/H9	-	-	-
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2014-11	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2014-11	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2008-07	V8/4.4L			49 ^{50,54}	720	-		MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8
BMW • Alpina B7 xDrive											
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2014-11	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2014-11	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
BMW • Alpina B7L											
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2014-11	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2014-11	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
BMW • Alpina B7L xDrive											
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2014-11	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2014-11	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
BMW • i3											
2018-14	L2/0.6L	Hybrid		N/A ⁴⁵	-	-		-	-	-	-
2018-14	L2/0.6L	Hybrid, Opt	●	N/A ^{33,45}	-	-		-	-	-	-
2018-14	Electric	Opt	●	N/A ^{33,45}	-	-		-	-	-	-
2018-14	Electric			N/A ⁴⁵	-	-		-	-	-	-
BMW • i3s											
2018	L2/0.6L	Hybrid	●	N/A ^{33,45}	-	-		-	-	-	-
BMW • i8											
2017-14	L3/1.5L	Hybrid	●	N/A ^{33,45}	-	-		-	-	-	-
BMW • M2											
2017-16	L6/3.0L		●	94R ^{33,50,54,55,56}	800	-		MTX-94R/H7	-	-	-
2017-16	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • M235i											
2016-14	L6/3.0L		●	94R ^{33,50,54,55,56}	800	-		MTX-94R/H7	-	-	-
2016-14	L6/3.0L	Conv Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • M235i xDrive											
2016	L6/3.0L	Conv Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2016-15	L6/3.0L		●	94R ^{33,50,54,55,56}	800	-		MTX-94R/H7	-	-	-
BMW • M240i											
2018-17	L6/3.0L		●	94R ^{33,50,54,55,56}	800	-		MTX-94R/H7	-	-	-
BMW • M240i xDrive											
2018-17	L6/3.0L		●	94R ^{33,50,54,55,56}	800	-		MTX-94R/H7	-	-	-
BMW • M3											
2017	L6/3.0L	Li-ion Only		N/A ^{45,60}	-	-		-	-	-	-
2016	L6/3.0L	Li-ion Only		N/A ^{45,60}	-	-		-	-	-	-
2015	L6/3.0L	Li-ion Only		N/A ^{45,60}	-	-		-	-	-	-
2013-08	V8/4.0L			48 ^{50,54,55,56}	570	MTZ-48/H6		MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6
2013-08	V8/4.0L	Opt	●	48 ^{33,50,54,55,56}	760	-		MTX-48/H6	-	-	-
2013-08	V8/4.0L	Opt		49 ^{50,54,55,56}	720	-		MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8
2013-08	V8/4.0L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2013-08	V8/4.0L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2013-08	V8/4.0L	Opt		94R ^{50,54,55,56}	640	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2006	L6/3.2L			48 ^{50,54}	570	MTZ-48/H6		MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6
2005-02	L6/3.2L			94R ^{50,54}	640	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2001	L6/3.2L			94R ⁵⁰	765	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
1999-98	L6/3.2L	Conv		92 ^{34,50}	575	-		-	-	MT-92/T7	-
1994	L6/3.0L			92 ⁵⁰	575	-		-	-	MT-92/T7	-
1991-90	L4/2.3L			91	600	-		-	-	MT-91/T6	-
BMW • M4											
2017	L6/3.0L	Li-ion Only		N/A ^{45,60}	-	-		-	-	-	-
2016	L6/3.0L	Li-ion Only		N/A ^{45,60}	-	-		-	-	-	-
2015	L6/3.0L	Li-ion Only		N/A ^{45,60}	-	-		-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
BMW • M5											
2018	V8/4.4L	Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2016-15	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-12	V8/4.4L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2014-12	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-12	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2010-06	V10/ 5.0L			49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2010-06	V10/ 5.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2010-06	V10/ 5.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010-06	V10/ 5.0L	Opt		95R ^{30,54,55,56}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2003	V8/5.0L			95R ^{50,54}	800	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2002	V8/5.0L			95R ^{50,54}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2000	V8/5.0L			95R ⁵⁰	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2001	V8/5.0L			95R ⁵⁰	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
BMW • M550i xDrive											
2018	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018	V8/4.4L	Aux w/M Sports Suspension	●	47 ^{33,50,55,56}	-	-	MTX-47/H5	-	-	-	-
2018	V8/4.4L	Aux, Opt w/M Sports Suspension	●	N/A ^{33,45,50,55,56}	-	-	-	-	-	-	-
2018	V8/4.4L	Opt	●	95R ^{33,50,55,56}	-	-	MTX-95R/H9	-	-	-	-
BMW • M6											
2018-16	V8/4.4L		●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015-13	V8/4.4L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2014-12	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2014-12	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2012	V8/4.4L	Opt	●	95R ^{30,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2010-06	V10/ 5.0L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2010-06	V10/ 5.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
BMW • M6 Gran Coupe											
2018-16	V8/4.4L		●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
2015-14	V8/4.4L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2015-14	V8/4.4L	Opt	●	95R ^{33,50,54,55,56}	950	-	MTX-95R/H9	-	-	-	-
BMW • M760i xDrive											
2018-17	V12/ 6.6L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018-17	V12/ 6.6L	Aux	●	47 ^{33,50,55,56}	-	-	MTX-47/H5	-	-	-	-
2018-17	V12/ 6.6L	Opt	●	95R ^{33,50,55,56}	-	-	MTX-95R/H9	-	-	-	-
BMW • M760Li xDrive											
2018	V12/ 6.6L		●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2018	V12/ 6.6L	Aux	●	47 ^{33,50,55,56}	-	-	MTX-47/H5	-	-	-	-
2018	V12/ 6.6L	Opt	●	95R ^{33,50,55,56}	-	-	MTX-95R/H9	-	-	-	-
BMW • X1											
2018-16	L4/2.0L	28i	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2018-16	L4/2.0L	28iX	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2015-13	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2015-13	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2015-13	L6/3.0L	Opt		94R ^{30,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2015-13	L6/3.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2015-12	L4/2.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2015-12	L4/2.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2015-12	L4/2.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2015-12	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
BMW • X3											
2018	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2018	L4/2.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2018	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2018-11	L6/3.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2017-15	L4/2.0L	Dsl	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2017-15	L4/2.0L	Dsl, Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2017-13	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2017-13	L4/2.0L		●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2017-13	L4/2.0L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2013	L4/2.0L	Opt		95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2013-11	L6/3.0L	Opt		95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2012-11	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2012-11	L6/3.0L	2996cc	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2012-11	L6/3.0L	2996cc, Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2012-11	L6/3.0L	2996cc, Opt	●	95R ^{50,54,55,56}	950	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2011-10	L6/3.0L	2996cc, Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2011	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2010	L6/3.0L	2996cc		48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2010	L6/3.0L	2996cc, Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	-	-	-
2010	L6/3.0L	2996cc, Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2009-04	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2009-04	L6/3.0L	Opt		49 ^{50,54,55,56}	720	-	MTX-49/H8	MTP-49/H8	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
BMW • X3 (continued)											
2009-04	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2009-04	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2006-04	L6/2.5L			48 ^{50,54,55,56}	570	MTZ-48/H6		MTX-48/H6	MTP-48/H6	-	-
2006-04	L6/2.5L	Opt		49 ^{50,54,55,56}	720	-		MTX-49/H8	MTP-49/H8	-	-
2006-04	L6/2.5L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2006-04	L6/2.5L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
BMW • X4											
2018-15	L4/2.0L		●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2018-15	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	-		MTX-94R/H7	-	-	-
2017-15	L6/3.0L		●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2017-15	L6/3.0L	Opt	●	94R ^{33,50,54,55,56}	800	-		MTX-94R/H7	-	-	-
BMW • X5											
2018-16	L4/2.0L	Hybrid, Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2018-16	L4/2.0L	Hybrid, Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2018-16	L4/2.0L	Hybrid	●	95R ^{33,50,54,55,56}	950	-		MTX-95R/H9	-	-	-
2018-14	V8/4.4L		●	95R ^{33,50,54,55,56}	950	-		MTX-95R/H9	-	-	-
2018-14	V8/4.4L	Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2018-14	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2018-14	L6/3.0L	Dsl	●	95R ^{33,50,54,55,56}	950	-		MTX-95R/H9	-	-	-
2018-14	L6/3.0L	Dsl, Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2018-14	L6/3.0L	Dsl, Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2017	L6/3.0L	Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2017-14	L6/3.0L		●	95R ^{33,50,54,55,56}	950	-		MTX-95R/H9	-	-	-
2017-14	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2016-14	L6/3.0L	Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2013-12	V8/4.4L			48 ^{50,54,55,56}	570	MTZ-48/H6		MTX-48/H6	MTP-48/H6	-	-
2013-11	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6		MTX-48/H6	MTP-48/H6	-	-
2013-10	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2013-09	L6/3.0L	Dsl	●	48 ^{50,54,55,56}	570	MTZ-48/H6		MTX-48/H6	MTP-48/H6	-	-
2013-09	L6/3.0L	Dsl, Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2013-07	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2012	V8/4.4L	Opt		95R ^{50,54,55,56}	950	-		MTX-95R/H9	MTP-95R/H9	-	-
2012	L6/3.0L	Dsl, Opt		95R ^{50,54,55,56}	950	-		MTX-95R/H9	MTP-95R/H9	-	-
2012	L6/3.0L	Opt		95R ^{50,54,55,56}	950	-		MTX-95R/H9	MTP-95R/H9	-	-
2011	V8/4.4L		●	48 ^{33,50,54,55}	570	MTZ-48/H6		MTX-48/H6	-	-	-
2011	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2011	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2011-09	L6/3.0L	Dsl, Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2010	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2010-07	V8/4.8L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2010-07	V8/4.8L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2010-07	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2006-04	V8/4.8L			49 ^{50,54,55,56}	720	-		MTX-49/H8	MTP-49/H8	-	-
2006-04	V8/4.8L	Opt		94R ^{50,54,55,56}	640	-		MTX-94R/H7	MTP-94R/H7	-	-
2006-02	V8/4.4L			49 ^{50,54,55,56}	720	-		MTX-49/H8	MTP-49/H8	-	-
2006-02	V8/4.4L	Opt		94R ^{50,54,55,56}	640	-		MTX-94R/H7	MTP-94R/H7	-	-
2006-02	L6/3.0L			49 ^{50,54,55,56}	720	-		MTX-49/H8	MTP-49/H8	-	-
2006-02	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-		MTX-94R/H7	MTP-94R/H7	-	-
2003-02	V8/4.6L			49 ^{50,54,55,56}	720	-		MTX-49/H8	MTP-49/H8	-	-
2003-02	V8/4.6L	Opt		94R ^{50,54,55,56}	640	-		MTX-94R/H7	MTP-94R/H7	-	-
2001-00	V8/4.4L	Opt		94R ^{50,54,55,56}	640	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2001-00	V8/4.4L			49 ^{50,54,55,56}	720	-		MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8
2001-00	V8/4.4L			49 ⁵⁰	850	-		MTX-49/H8	-	MT-49/H8	M-49/H8
2001	L6/3.0L			49 ^{50,54,55,56}	720	-		MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8
2001	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2001	L6/3.0L			94R ⁵⁰	765	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
BMW • X6											
2018-15	V8/4.4L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2018-15	V8/4.4L	Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2018-15	L6/3.0L		●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2018	L6/3.0L	Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2017	L6/3.0L	Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2016-15	L6/3.0L	Aux	●	N/A ^{33,45,50}	-	-	-	-	-	-	-
2014-12	V8/4.4L			48 ^{50,54,55,56}	570	MTZ-48/H6		MTX-48/H6	MTP-48/H6	-	-
2014-12	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2014-11	L6/3.0L			48 ^{50,54,55,56}	570	MTZ-48/H6		MTX-48/H6	MTP-48/H6	-	-
2014-08	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2012	V8/4.4L	Opt		95R ^{50,54,55,56}	950	-		MTX-95R/H9	MTP-95R/H9	-	-
2012	L6/3.0L	Opt		95R ^{50,54,55,56}	950	-		MTX-95R/H9	MTP-95R/H9	-	-
2011-10	V8/4.4L	Gas		48 ^{50,54,55,56}	570	MTZ-48/H6		MTX-48/H6	MTP-48/H6	-	-
2011-10	V8/4.4L	Gas, Opt	●	49 ^{33,50,54,55,56}	850	-		MTX-49/H8	-	-	-
2011-10	V8/4.4L	Hybrid	●	48 ^{33,50,54,55,56}	760	-		MTX-48/H6	-	-	-
2010	V8/4.4L	Gas, Opt	●	49 ^{33,50,54,55,56}	900	-		MTX-49/H8	-	-	-
2010-08	L6/3.0L		●	48 ^{33,50,54,55}	570	MTZ-48/H6		MTX-48/H6	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
BMW • X6 (continued)											
2010-08	L6/3.0L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
2009-08	V8/4.4L			48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2009-08	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	850	-	MTX-49/H8	-	-	-	-
2009-08	V8/4.4L	Opt	●	49 ^{33,50,54,55,56}	900	-	MTX-49/H8	-	-	-	-
BMW • Z3											
2002	L6/3.2L			48 ^{50,54}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2002	L6/3.0L			48 ^{50,54}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2002	L6/2.5L			48 ^{50,54}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2001-99	L6/2.5L			48 ⁵⁰	650	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2001	L6/3.0L			48 ⁵⁰	650	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
BMW • Z4											
2016-12	L4/2.0L		●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2016-12	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2016-09	L6/3.0L		●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2016-09	L6/3.0L	Opt	●	94R ^{33,50,54,55,56}	800	-	MTX-94R/H7	-	-	-	-
2011-09	L6/3.0L		●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2008-06	L6/3.2L			47 ^{50,54}	480	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2008-06	L6/3.0L			47 ^{50,54,55,56}	480	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2008-06	L6/3.0L	Opt		48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2008-06	L6/3.0L	Opt	●	48 ^{33,50,54,55,56}	760	-	MTX-48/H6	-	-	-	-
2008-06	L6/3.0L	Opt		94R ^{50,54,55,56}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005-04	L6/3.0L			47 ^{50,54}	480	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2005-04	L6/3.0L	Opt		48 ^{50,54}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2005-04	L6/2.5L			47 ^{50,54}	480	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2005-04	L6/2.5L	Opt		48 ^{50,54}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2005-04	L6/2.5L	Opt, Telematics		94R ^{50,54}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005-03	L6/3.0L	Opt, Telematics		94R ^{50,54}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2003	L6/3.0L			48 ^{50,54}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2003	L6/2.5L			48 ^{50,54}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
BMW • Z8											
2003	V8/5.0L			49 ^{50,54}	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2003	V8/4.8L			49 ^{50,54}	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2002	V8/5.0L			49 ^{50,54}	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2001-00	V8/5.0L			49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Buick • Allure											
2010	V6/3.6L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2010	V6/3.0L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2009-05	V6/3.8L			34	750	MTZ-34	MTX-34 ⁴⁸	MTP-34	-	-	-
2009	V8/5.3L			85	625	-	-	-	MT-85	-	-
2008-05	V6/3.6L			34	680	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2008	V8/5.3L			85	590	-	-	-	MT-85	-	-
Buick • Cascada											
2019-17	L4/1.6L		●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2016	L4/1.6L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
Buick • Century											
2005-02	V6/3.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996-94	V6/3.1L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1996-93	L4/2.2L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
Buick • Electra											
1990	V6/3.8L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V6/3.8L	Opt		78	730	MTZ-78	MTX-78	MTP-78	-	-	MTP-78DT
Buick • Enclave											
2020	V6/3.6L		●	94R ^{33,50}	850	-	MTX-94R/H7	-	-	-	-
2019-18	V6/3.6L		●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2017	V6/3.6L			48 ⁵⁰	660	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2016-10	V6/3.6L			48 ⁵⁰	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2009-08	V6/3.6L			48 ⁵⁰	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
Buick • Encore											
2020	L4/1.4L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2019-18	L4/1.4L	w/o Start-Stop		47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2019-18	L4/1.4L	w/Start-Stop	●	48 ³³	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017	L4/1.4L	w/o Start-Stop		47	525	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2017	L4/1.4L	w/Start-Stop	●	48 ³³	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016	L4/1.4L	w/o Start-Stop		47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2016	L4/1.4L	w/Start-Stop	●	48 ³³	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-14	L4/1.4L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2013	L4/1.4L			47 ⁵⁰	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Buick • Envision											
2020-18	L4/2.5L	Start-Stop	●	94R ^{33,50}	720	-	MTX-94R/H7	-	-	-	-
2020-18	L4/2.0L	Start-Stop	●	94R ^{33,50}	720	-	MTX-94R/H7	-	-	-	-
2017	L4/2.5L	Start-Stop	●	94R ^{33,50}	720	-	MTX-94R/H7	-	-	-	-
2017	L4/2.0L	Start-Stop	●	94R ^{33,50}	720	-	MTX-94R/H7	-	-	-	-
2016	L4/2.0L	Start-Stop	●	94R ^{33,50}	720	-	MTX-94R/H7	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Buick • LaCrosse											
2019-18	V6/3.6L		●	94R ³³	850	-	MTX-94R/H7	-	-	-	-
2019-18	L4/2.5L	Hybrid		48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2017	V6/3.6L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2016-12	L4/2.4L	Hybrid		47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2016-10	V6/3.6L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2011-10	L4/2.4L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2010	V6/3.0L			48 ⁵⁰	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2009-08	V8/5.3L			85	590	-	-	-	MT-85	-	-
2009-08	V6/3.8L			34	720	MTZ-34	MTX-34	MTP-34	-	-	-
2008	V6/3.6L		●	34 ³³	720	MTZ-34	MTX-34	-	-	-	-
2007	V6/3.8L			34	750	MTZ-34	MTX-34 ⁴⁸	MTP-34	-	-	-
2007	V6/3.6L		●	34 ³³	750	MTZ-34	MTX-34 ⁴⁸	-	-	-	-
2006	V6/3.8L			34	690	MTZ-34	MTX-34	MTP-34	MT-34	-	-
2006	V6/3.6L		●	34 ³³	690	MTZ-34	MTX-34	-	-	-	-
2005	V6/3.8L			34	680	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2005	V6/3.6L		●	34 ³³	680	MTZ-34	MTX-34	-	-	-	-
Buick • LeSabre											
2005-00	V6/3.8L			100 ⁵⁰	770	-	-	-	-	-	MTP-78
1999-95	V6/3.8L			78	690	MTZ-78	MTX-78	MTP-78	-	M-78	MTP-78DT
1999-94	V6/3.8L	Opt		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
Buick • Lucerne											
2011-09	V8/4.6L			94R ⁵⁰	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2011-09	V6/3.9L			94R ⁵⁰	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/4.6L			48 ⁵⁰	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2008	V6/3.8L			48 ⁵⁰	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2007-06	V8/4.6L			79 ⁵⁰	800	-	-	-	MT-79	-	-
2007-06	V6/3.8L			79 ⁵⁰	800	-	-	-	MT-79	-	-
Buick • Park Avenue											
2005-03	V6/3.8L	Supercharged		34	770	MTZ-34	-	MTP-34	-	-	-
2005-03	V6/3.8L	Ex Supercharged		34	690	MTZ-34	MTX-34	MTP-34	MT-34	-	-
2002-98	V6/3.8L	Supercharged		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2002-96	V6/3.8L	Ex Supercharged		78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1995-94	V6/3.8L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
Buick • Rainier											
2007-04	V8/5.3L			78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2007-04	L6/4.2L			78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
Buick • Reatta											
1991-90	V6/3.8L			78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
Buick • Regal											
2017	L4/2.4L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2017	L4/2.0L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2016-15	L4/2.4L	Gas		48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2016-12	L4/2.4L	Hybrid		47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2016-11	L4/2.0L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2012	L4/2.4L	Gas		48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2011	L4/2.4L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2004-02	V6/3.8L	Supercharged		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2004	V6/3.8L	Ex Supercharged		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2003-02	V6/3.8L	Ex Supercharged		78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996	V6/3.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1995-94	V6/3.8L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
Buick • Regal Sportback											
2020-18	V6/3.6L		●	94R ^{33,50}	720	-	MTX-94R/H7	-	-	-	-
2020-18	L4/2.0L		●	94R ^{33,50}	720	-	MTX-94R/H7	-	-	-	-
Buick • Regal TourX											
2020-18	L4/2.0L		●	94R ^{33,50}	720	-	MTX-94R/H7	-	-	-	-
Buick • Rendezvous											
2007-06	V6/3.5L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2006	V6/3.6L		○	34	690	MTZ-34	MTX-34	MTP-34	MT-34	-	-
2005-04	V6/3.6L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2005-02	V6/3.4L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
Buick • Riviera											
1999-98	V6/3.8L			79 ⁵⁰	840	-	-	-	MT-86	-	-
Buick • Roadmaster											
1996-95	V8/5.7L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1994-92	V8/5.7L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1994	V8/5.7L	Wagon		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1993	V8/5.7L	Wagon		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
Buick • Skylark											
1998-94	V6/3.1L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1993	V6/3.3L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	L4/2.5L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Buick • Terraza											
2007-06	V6/3.9L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2006-05	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Buick • Verano											
2017	L4/2.4L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2016-13	L4/2.0L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2016-12	L4/2.4L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
Cadillac • Allanté											
1993	V8/4.6L			78 ⁵⁰	770	MTZ-78	-	MTP-78	-	-	-
Cadillac • ATS											
2019-18	V6/3.6L	w/o Start-Stop	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019-18	V6/3.6L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2019-18	L4/2.0L	w/o Start-Stop	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019-18	L4/2.0L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2017	V6/3.6L	w/o Start-Stop	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017	V6/3.6L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2017	L4/2.5L	w/o Start-Stop	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017	L4/2.5L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2017	L4/2.0L	w/o Start-Stop	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017	L4/2.0L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2017-16	V6/3.6L	ATS-V	●	140R ^{33,50}	560	-	-	-	-	-	-
2016-13	V6/3.6L	w/o Start-Stop	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-13	V6/3.6L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2016-13	L4/2.5L	w/o Start-Stop	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-13	L4/2.5L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2016-13	L4/2.0L	w/o Start-Stop	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-13	L4/2.0L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
Cadillac • Brougham, Fleetwood											
1996-95	V8/5.7L	RWD		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1994	V8/5.7L			78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1993	V8/5.7L			78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1993	V8/5.7L	w/HWS or HD		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1992-91	V8/4.9L	Primary Battery		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1992-91	V8/4.9L			78	730	MTZ-78	MTX-78	MTP-78	-	-	MTP-78DT
1992-91	V8/4.9L	w/HWS or HD		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1990	V8/4.5L			78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V8/4.5L	Opt		78	730	MTZ-78	MTX-78	MTP-78	-	-	MTP-78DT
1990	V8/4.5L	w/HWS or HD		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
Cadillac • Commercial Chassis											
1990	V8/4.5L			78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
Cadillac • CT4											
2020	L4/2.7L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2020	L4/2.0L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
Cadillac • CT5											
2020	V6/3.0L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2020	L4/2.0L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
Cadillac • CT6											
2020	V8/4.2L		●	49 ^{33,50}	900	-	MTX-49/H8	-	-	-	-
2020	V6/3.6L		●	49 ^{33,50}	900	-	MTX-49/H8	-	-	-	-
2019	V8/4.2L		●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2019	V6/3.6L		●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2019	V6/3.0L		●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2019	L4/2.0L		●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2018	V6/3.6L	Start-Stop	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2018	V6/3.0L	Start-Stop	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2018	L4/2.0L	Start-Stop	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2017	V6/3.6L	Start-Stop	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2017	V6/3.0L	Start-Stop	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2017	L4/2.0L	Start-Stop	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2016	V6/3.6L	Start-Stop	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2016	V6/3.0L	Start-Stop	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2016	L4/2.0L	Start-Stop	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
Cadillac • CTS											
2019-18	V8/6.2L	Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2019-18	V6/3.6L	Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2019-18	L4/2.0L	Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2017	V8/6.2L	Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2017	V6/3.6L	Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2017	L4/2.0L	Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2016	V8/6.2L	Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2016	V6/3.6L	Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2016	L4/2.0L	Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2015-14	V8/6.2L	w/o Start-Stop		48 ⁵⁰	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2015-14	V8/6.2L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Cadillac • CTS (continued)											
2015-14	V6/3.6L	w/o Start-Stop		48 ⁵⁰	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2015-14	V6/3.6L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2015-14	L4/2.0L	w/o Start-Stop		48 ⁵⁰	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2015-14	L4/2.0L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2014	V6/3.0L	w/o Start-Stop		48 ⁵⁰	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2014	V6/3.0L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2013-10	V8/6.2L			48 ⁵⁰	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2013-10	V6/3.6L			48 ⁵⁰	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2013-10	V6/3.0L			48 ⁵⁰	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2009	V8/6.2L			48 ⁵⁰	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2009-08	V6/3.6L			48 ⁵⁰	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2007-06	V8/6.0L			101	540	-	-	-	MT-101	-	-
2007-05	V6/2.8L			101	540	-	-	-	MT-101	-	-
2007-04	V6/3.6L			101	540	-	-	-	MT-101	-	-
2005-04	V8/5.7L			101	540	-	-	-	MT-101	-	-
2004-03	V6/3.2L			101	540	-	-	-	MT-101	-	-
Cadillac • DeVille											
2005-02	V8/4.6L			79 ⁵⁰	800	-	-	-	MT-79	-	-
1995-94	V8/4.9L			78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1990	V8/4.5L			78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V8/4.5L	w/HWS		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
Cadillac • DTS											
2011-09	V8/4.6L			94R ⁵⁰	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/4.6L			48 ⁵⁰	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2007-06	V8/4.6L			79 ⁵⁰	800	-	-	-	MT-79	-	-
Cadillac • Eldorado											
2002-93	V8/4.6L			78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1993-91	V8/4.9L			78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1990	V8/4.5L			78	730	MTZ-78	MTX-78	MTP-78	-	-	MTP-78DT
Cadillac • ELR											
2016-14	L4/1.4L	Hybrid	●	140R ^{33,50}	520	-	-	-	-	-	-
Cadillac • Escalade											
2019-18	V8/6.2L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2017	V8/6.2L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2016-15	V8/6.2L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2014-12	V8/6.2L		●	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2014-09	V8/6.2L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-12	V8/6.0L	Hybrid	●	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2013-09	V8/6.0L	Hybrid, Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2011-09	V8/6.0L	Hybrid	●	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2011-07	V8/6.2L		●	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2006-02	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-02	V8/5.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2000-99	V8/5.7L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2000-99	V8/5.7L	Opt	●	78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
Cadillac • Escalade ESV											
2019-18	V8/6.2L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2017	V8/6.2L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2016-15	V8/6.2L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2014-12	V8/6.2L		●	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2014-09	V8/6.2L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2011-07	V8/6.2L		●	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2006-03	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
Cadillac • Escalade EXT											
2013-12	V8/6.2L		●	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2013-09	V8/6.2L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2011-07	V8/6.2L		●	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2006-02	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
Cadillac • Seville											
2004-02	V8/4.6L			79 ⁵⁰	800	-	-	-	MT-79	-	-
Cadillac • Sixty Special											
1993	V8/4.9L			78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
Cadillac • SRX											
2016-12	V6/3.6L			48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2011-10	V6/3.0L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2011-10	V6/2.8L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2009-08	V8/4.6L			48	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2009-08	V6/3.6L			48	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2007-04	V8/4.6L			101	540	-	-	-	MT-101	-	-
2007-04	V6/3.6L			101	540	-	-	-	MT-101	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Cadillac • STS											
2011-10	V6/3.6L			48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2010	V8/4.6L			48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2009-08	V8/4.6L			48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009-08	V8/4.4L			48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009-08	V6/3.6L			48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2007-06	V8/4.4L			101	540	-	-	-	MT-101	-	-
2007-05	V8/4.6L			101	540	-	-	-	MT-101	-	-
2007-05	V6/3.6L			101	540	-	-	-	MT-101	-	-
Cadillac • XLR											
2009-08	V8/4.6L			85	590	-	-	-	MT-85	-	-
2009-08	V8/4.4L			85	590	-	-	-	MT-85	-	-
2007-06	V8/4.6L			90 ⁵⁰	590	-	-	MTP-90/T5	-	-	-
2007-06	V8/4.4L			90 ⁵⁰	590	-	-	MTP-90/T5	-	-	-
2005-04	V8/4.6L			86 ⁵⁰	590	-	-	-	-	-	-
Cadillac • XT4											
2020-19	L4/2.0L		●	94R ^{33,50}	720	-	MTX-94R/H7	-	-	-	-
Cadillac • XT5											
2020	L4/2.0L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2020-18	V6/3.6L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2017	V6/3.6L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
Cadillac • XT6											
2020	V6/3.6L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
Cadillac • XTS											
2019-13	V6/3.6L			48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
Chevrolet • Astro											
2005-02	V6/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-02	V6/4.3L	Opt		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1993-90	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V6/4.3L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	L4/2.5L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
Chevrolet • Avalanche											
2013-09	V8/5.3L	Opt	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-07	V8/5.3L		○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2009	V8/6.0L	Opt	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009-07	V8/6.0L		○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
Chevrolet • Avalanche 1500											
2006-02	V8/5.3L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
Chevrolet • Avalanche 2500											
2006-02	V8/8.1L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
Chevrolet • Aveo											
2011-04	L4/1.6L			86	550	-	-	MTP-86	MT-86	-	-
Chevrolet • Aveo5											
2011-06	L4/1.6L			86	550	-	-	MTP-86	MT-86	-	-
Chevrolet • Beretta, Corsica											
1996-95	V6/3.1L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1991-90	V6/3.1L	Opt		75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1991-90	L4/2.2L	MT		70	525	MTZ-75DT	-	MTP-75	MT-75	M-75	M-75HC
1991-90	L4/2.2L	HD w/AT		75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Chevrolet • Blazer											
2020	L4/2.0L		●	94R ^{33,50}	720	-	MTX-94R/H7	-	-	-	-
2020-19	V6/3.6L		●	94R ^{33,50}	720	-	MTX-94R/H7	-	-	-	-
2020-19	L4/2.5L		●	94R ^{33,50}	720	-	MTX-94R/H7	-	-	-	-
2005-02	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
2005-02	V6/4.3L	Opt		75	690	MTZ-75DT	-	MTP-75	-	-	-
1994	V8/6.5L	Dsl		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1994	V8/5.7L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1993-91	V8/5.7L			78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1993-91	V8/5.7L	Aux		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1991-90	V8/6.2L	Dsl		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1990	V8/5.7L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V8/5.7L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
Chevrolet • Bolt EV											
2020-18	Electric		●	140R ³³	520	-	-	-	-	-	-
2017	Electric		●	140R ³³	520	-	-	-	-	-	-
Chevrolet • C/K, R/V Pickups											
2000-99	V8/7.4L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2000-99	V8/6.5L	Dsl, HD		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2000-99	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999	V8/7.4L	Primary Battery		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1999	V8/7.4L	HD or PPKg		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1999	V8/7.4L	PPkg, HD		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Chevrolet • C/K, R/V Pickups (continued)											
1999	V8/6.5L	Dsl & Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999	V8/5.7L	HD or PPkg		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1999	V8/5.7L	PPkg, HD		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1999	V8/5.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1999	V8/5.0L	PPkg, HD		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1998-94	V8/5.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1998-94	V6/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996-94	V8/6.5L	Dsl		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1995-94	V8/5.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1995-94	V6/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1993-92	V8/6.5L	Dsl		75	570	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1993-92	V8/6.2L	Dsl		75	570	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	V8/7.4L	Aux Battery		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1991-90	V8/7.4L			78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1991-90	V8/6.2L	Dsl		75 ²	570	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V8/6.2L	Dsl		75	570	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V8/6.2L	Aux Battery		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V8/6.2L	Aux, Dsl		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V8/5.7L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V8/5.7L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V8/5.0L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
Chevrolet • C/K, R/V Suburban											
1999	V8/7.4L	Primary Battery		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1999	V8/7.4L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999	V8/7.4L	HD or PPkg		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1999	V8/7.4L	PPkg, HD		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1999	V8/6.5L	Dsl & Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999	V8/6.5L	Dsl, HD		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999	V8/5.7L	HD or PPkg		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1999	V8/5.7L	PPkg, HD		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1996-94	V8/6.5L	Dsl		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1993-92	V8/7.4L	Aux Battery		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1993-92	V8/7.4L			78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1993-92	V8/5.7L	Aux Battery		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1993-92	V8/5.7L			78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1991-90	V8/7.4L	Aux Battery		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1991-90	V8/7.4L			78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1991-90	V8/6.2L	Dsl		75 ²	570	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V8/7.4L	Aux Battery		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1990	V8/7.4L			78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V8/6.2L	Aux, Dsl		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1990	V8/6.2L	Dsl		78 ²	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1990	V8/5.7L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V8/5.7L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
Chevrolet • Camaro											
2020-18	V8/6.2L		●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-18	V6/3.6L		●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-18	L4/2.0L		●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017	V8/6.2L		●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017	V6/3.6L		●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017	L4/2.0L		●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016	V8/6.2L		●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016	V6/3.6L		●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016	L4/2.0L		●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-14	V8/7.0L			48 ⁵⁰	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2015-10	V8/6.2L			94R ⁵⁰	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2015-10	V6/3.6L			94R ⁵⁰	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2002-95	V6/3.8L			75	690	MTZ-75DT	-	MTP-75	-	-	-
2002-93	V8/5.7L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
1995-93	V6/3.4L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
1992-90	V6/3.1L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
1992-90	V8/5.0L	MT		75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
1992-90	V8/5.0L	AT		75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1992-87	V8/5.7L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Chevrolet • Caprice											
2017-16	V8/6.0L	PPkg, Opt Aux Battery	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017-16	V8/6.0L	PPkg, Primary Battery	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017-16	V6/3.6L	PPkg, Opt Aux Battery	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Chevrolet • Caprice (continued)											
2017-16	V6/3.6L	PPkg, Primary Battery	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-14	V8/6.0L	PPkg, Opt Aux Battery	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-14	V8/6.0L	PPkg, Primary Battery	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-14	V6/3.6L	PPkg, Opt Aux Battery	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-14	V6/3.6L	PPkg, Primary Battery	●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-12	V6/3.6L	PPkg	●	94R ⁵⁰	765	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2013-11	V8/6.0L	PPkg	●	94R ⁵⁰	765	-	MTX-94R/H7	MTP-94R/H7	-	-	-
Chevrolet • Caprice, Impala											
1996-95	V8/5.7L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996-95	V8/5.7L	HD, SEO		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1996-95	V8/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1994	V8/5.7L			78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1994	V8/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1993-92	V6/4.3L			78	730	MTZ-78	MTX-78	MTP-78	-	-	MTP-78DT
Chevrolet • Captiva Sport											
2015-12	L4/2.4L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2012	V6/3.0L			48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
Chevrolet • Cavalier											
2005-92	L4/2.2L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2002-96	L4/2.4L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1994-92	V6/3.1L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1991-90	V6/3.1L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1991-90	L4/2.2L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Chevrolet • Celebrity											
1990	V6/3.1L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	L4/2.5L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
Chevrolet • City Express											
2018-15	L4/2.0L			121R	500	-	-	-	MT-121R	-	-
Chevrolet • Classic											
2005-04	L4/2.2L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
Chevrolet • Cobalt											
2010-09	L4/2.0L			90 ⁵⁰	590	-	-	MTP-90/T5	-	-	-
2010-08	L4/2.2L			90 ⁵⁰	590	-	-	MTP-90/T5	-	-	-
2008	L4/2.4L			90 ⁵⁰	590	-	-	MTP-90/T5	-	-	-
2008	L4/2.0L			90 ⁵⁰	600	-	-	MTP-90/T5	-	-	-
2007-06	L4/2.4L			90 ⁵⁰	600	-	-	MTP-90/T5	-	-	-
2007-05	L4/2.2L			90 ⁵⁰	600	-	-	MTP-90/T5	-	-	-
2007-05	L4/2.0L			90 ⁵⁰	600	-	-	MTP-90/T5	-	-	-
Chevrolet • Colorado											
2020-18	V6/3.6L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2020-18	L4/2.8L	Dsl	●	49 ³³	850	-	MTX-49/H8	-	-	-	-
2020-18	L4/2.5L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2017	V6/3.6L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2017	L4/2.8L	Dsl	●	49 ³³	850	-	MTX-49/H8	-	-	-	-
2017	L4/2.5L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2016-15	V6/3.6L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2016-15	L4/2.5L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2016	L4/2.8L	Dsl	●	49 ³³	850	-	MTX-49/H8	-	-	-	-
2012-10	V8/5.3L			86 ⁴⁰	590	-	-	MTP-86	-	-	-
2012-08	L5/3.7L			86 ⁴⁰	590	-	-	MTP-86	-	-	-
2012-08	L4/2.9L			86 ⁴⁰	590	-	-	MTP-86	-	-	-
2009	V8/5.3L			86 ^{11,40}	590	-	-	MTP-86	-	-	-
2007	L5/3.7L			86 ^{11,40}	590	-	-	MTP-86	-	-	-
2007	L4/2.9L			86 ^{11,40}	640	-	-	MTP-86	-	-	-
2006-04	L5/3.5L			86 ^{11,40}	590	-	-	MTP-86	-	-	-
2006-04	L4/2.8L			86 ^{11,40}	640	-	-	MTP-86	-	-	-
Chevrolet • Commercial Chassis											
1992-91	V8/5.0L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
Chevrolet • Corvette											
2020	V8/6.2L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2019-18	V8/6.2L			48 ⁵⁰	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2017	V8/6.2L			48 ⁵⁰	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2016-14	V8/6.2L			48 ⁵⁰	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2013-09	V8/6.2L	Dry Sump System Pkg (Z52)		90 ⁵⁰	590	-	-	MTP-90/T5	-	-	-
2013-09	V8/6.2L	Ex Dry Sump System Pkg (Z52)		85	590	-	-	-	MT-85	-	-
2013	V8/7.0L	Dry Sump System Pkg (Z52)		90 ⁵⁰	590	-	-	MTP-90/T5	-	-	-
2013	V8/7.0L	Ex Dry Sump System Pkg (Z52)		85	590	-	-	-	MT-85	-	-
2012-09	V8/7.0L			90 ⁵⁰	590	-	-	MTP-90/T5	-	-	-
2008-07	V8/7.0L			90 ⁵⁰	600	-	-	MTP-90/T5	-	-	-
2008	V8/6.2L			85	590	-	-	-	MT-85	-	-
2007	V8/6.0L			90 ⁵⁰	600	-	-	MTP-90/T5	-	-	-
2006	V8/7.0L			90 ⁵⁰	590	-	-	MTP-90/T5	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Chevrolet • Corvette (continued)											
2006	V8/6.0L			90	590	-	-	MTP-90/T5	-	-	-
2005	V8/6.0L			86	590	-	-	MTP-86	-	-	-
2004	V8/5.7L			86	590	-	-	MTP-86	-	-	-
2003	V8/5.7L		●	75 ³³	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
2002	V8/5.7L		●	75 ³³	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2001	V8/5.7L		●	75 ³³	500	MTZ-75DT	-	-	-	-	-
2000-97	V8/5.7L		●	75	600	-	-	MTP-75	MT-75	M-75HC	-
1996-90	V8/5.7L	16 Valve		75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Chevrolet • Cruze											
2019	L4/1.6L	Dsl	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2019	L4/1.4L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2018	L4/1.6L	Dsl		94R ⁵⁰	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018	L4/1.4L	w/o Start-Stop		47 ⁵⁰	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2018	L4/1.4L	w/o Start-Stop, Opt		48 ⁵⁰	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2018	L4/1.4L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2017-16	L4/1.4L	w/o Start-Stop		47 ⁵⁰	525	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2017-16	L4/1.4L	w/o Start-Stop, Opt		48 ⁵⁰	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2017-16	L4/1.4L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2017	L4/1.6L	Dsl		94R ⁵⁰	720	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2015-14	L4/2.0L	Dsl	●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2015-11	L4/1.8L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2015-11	L4/1.4L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Chevrolet • Cruze Limited											
2016	L4/1.8L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2016	L4/1.4L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
Chevrolet • Epica											
2006-04	L6/2.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Chevrolet • Equinox											
2020-18	L4/2.0L		●	48 ³³	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-18	L4/1.5L		●	48 ³³	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019-18	L4/1.6L	Dsl	●	48 ³³	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017	V6/3.6L			48	660	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2017	L4/2.4L			47	525	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2016-13	V6/3.6L			48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2016-12	L4/2.4L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2012	V6/3.0L			48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2011-10	V6/3.0L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2011	L4/2.4L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2010	L4/2.4L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2009-08	V6/3.6L			47	650	-	MTX-47/H5	-	MT-47/H5	-	-
2009-07	V6/3.4L			47	650	-	MTX-47/H5	-	MT-47/H5	-	-
2006-05	V6/3.4L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Chevrolet • Express 1500											
2014-09	V6/4.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2014-03	V8/5.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2008-02	V6/4.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-03	V8/5.3L	Opt		79	800	-	-	-	MT-79	-	-
2005-03	V6/4.3L	Opt		79	800	-	-	-	MT-79	-	-
2002	V8/5.7L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.7L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2002	V8/5.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.0L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2002	V6/4.3L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2001-96	V8/6.5L	Dsl		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2001-00	V8/6.5L	Dsl, HD		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-00	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-00	V8/5.0L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-00	V6/4.3L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001	V8/8.1L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2000	V8/7.4L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001	V8/8.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
Chevrolet • Express 2500											
2020-18	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2020-18	V6/4.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2020-18	L4/2.8L	Dsl	●	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2017	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2017	V8/4.8L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2017	L4/2.8L	Dsl	●	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2016-07	V8/6.6L	Dsl	●	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2016-03	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2016-03	V8/4.8L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2006	V8/6.6L	Dsl		79 ²	800	-	-	-	MT-79	-	-
2005-03	V8/6.0L	Opt		79	800	-	-	-	MT-79	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate

Chevrolet • Express 2500 (continued)

2005-03	V8/5.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-03	V8/5.3L	Opt		79	800	-	-	-	MT-79	-	-
2005-03	V8/4.8L	Opt		79	800	-	-	-	MT-79	-	-
2005-03	V6/4.3L	Opt		79	800	-	-	-	MT-79	-	-
2005-02	V6/4.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/6.5L	Dsl	●	78 ²	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2002	V8/5.7L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.7L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2002	V8/5.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.0L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2002	V6/4.3L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2001-96	V8/6.5L	Dsl		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2001-00	V8/6.5L	Dsl, HD		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-00	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-00	V8/5.0L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-00	V6/4.3L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001	V8/8.1L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2000	V8/7.4L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001	V8/8.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT

Chevrolet • Express 3500

2020-18	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2020-18	V6/4.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2020-18	L4/2.8L	Dsl	●	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2017	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2017	V8/4.8L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2017	L4/2.8L	Dsl	●	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2016-07	V8/6.6L	Dsl	●	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2016-05	V8/4.8L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2016-03	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2006	V8/6.6L	Dsl		79 ²	800	-	-	-	MT-79	-	-
2005-03	V8/6.0L	Opt		79	800	-	-	-	MT-79	-	-
2002	V8/8.1L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/8.1L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2002	V8/6.5L	Dsl	●	78 ²	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2002	V8/5.7L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.7L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2001-96	V8/6.5L	Dsl		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2001-00	V8/6.5L	Dsl, HD		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-00	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-00	V8/5.0L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-00	V6/4.3L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001	V8/8.1L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2000	V8/7.4L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001	V8/8.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT

Chevrolet • G-Series Vans

1996-94	V8/7.4L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996-94	V8/6.5L	Dsl		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996-94	V8/5.7L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996-94	V6/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1995-94	V8/6.5L	Dsl		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1995-94	V8/5.7L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1995-94	V8/5.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1995-94	V6/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V8/5.7L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V8/5.0L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT

Chevrolet • HHR

2011-09	L4/2.2L			90 ⁵⁰	600	-	-	MTP-90/T5	-	-	-
2011-06	L4/2.4L			90 ⁵⁰	600	-	-	MTP-90/T5	-	-	-
2010-08	L4/2.0L			90 ⁵⁰	600	-	-	MTP-90/T5	-	-	-
2008-07	L4/2.2L			90 ⁵⁰	600	-	-	MTP-90/T5	-	-	-
2006	L4/2.2L			90 ⁵⁰	600	-	-	MTP-90/T5	-	-	-

Chevrolet • Impala

2020	V6/3.6L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2019-16	L4/2.5L	Aux for Start-Stop	●	401 ^{33,50}	180	-	MTX-AUX12	-	-	-	-
2019	V6/3.6L	Aux for Start-Stop	●	401 ^{33,50}	180	-	MTX-AUX12	-	-	-	-
2019	V6/3.6L	w/o Start-Stop		48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2019	V6/3.6L	w/Start-Stop	●	94R ³³	850	-	MTX-94R/H7	-	-	-	-
2019	L4/2.5L	w/o Start-Stop		48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2019	L4/2.5L	w/Start-Stop	●	94R ³³	850	-	MTX-94R/H7	-	-	-	-
2018	V6/3.6L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2018	L4/2.5L	Start-Stop	●	94R ³³	850	-	MTX-94R/H7	-	-	-	-
2017-16	L4/2.5L	Start-Stop	●	94R ³³	850	-	MTX-94R/H7	-	-	-	-
2017-14	V6/3.6L	PPkg	●	34	720	MTZ-34	MTX-34	MTP-34	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Chevrolet • Impala (continued)											
2017-14	V6/3.6L	Ex Police		48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2015-14	L4/2.5L	Aux w/Start-Stop	●	401 ^{33,50}	180	-	MTX-AUX12	-	-	-	-
2015-14	L4/2.5L	w/o Start-Stop		48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2015-14	L4/2.5L	w/Start-Stop	●	49 ³³	850	-	MTX-49/H8	-	-	-	-
2014	L4/2.4L	Hybrid		47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2013-12	V6/3.6L	PPlkg	●	34	720	MTZ-34	MTX-34	MTP-34	-	-	-
2013-12	V6/3.6L	Ex Police		34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2011-10	V6/3.9L	PPlkg	●	34	720	MTZ-34	MTX-34	MTP-34	-	-	-
2011-10	V6/3.9L	Ex Police		34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2011-08	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2009-08	V8/5.3L			85	590	-	-	-	MT-85	-	-
2009	V6/3.9L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2008	V6/3.9L			34	720	MTZ-34	MTX-34	MTP-34	-	-	-
2007-06	V8/5.3L			85	625	-	-	-	MT-85	-	-
2007-06	V6/3.9L			34	750	MTZ-34	-	MTP-34	-	-	-
2007-06	V6/3.5L			34	690	MTZ-34	MTX-34	MTP-34	MT-34	-	-
2005-02	V6/3.8L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-02	V6/3.4L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V6/3.8L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996-95	V8/5.7L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996-95	V8/5.7L	HD, SEO		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1996-95	V8/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1994	V8/5.7L			78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1994	V8/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1993-92	V6/4.3L			78	730	MTZ-78	MTX-78	MTP-78	-	-	MTP-78DT
Chevrolet • Impala Limited											
2016-14	V6/3.6L	PPlkg	●	34	720	MTZ-34	MTX-34	MTP-34	-	-	-
2016-14	V6/3.6L	Ex Police		34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Chevrolet • LCF 3500											
2016	V8/6.0L			31T ²	750	-	-	-	-	-	31-VHD
Chevrolet • LLV											
1995-94	L4/2.2L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1995-94	L4/2.2L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1993-92	L4/2.5L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	L4/2.5L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Chevrolet • Lumina, Lumina APV, Venture											
2005-97	V6/3.4L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2001-96	V6/3.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1999-98	V6/3.8L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	-
1996	V6/3.4L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1993	L4/2.2L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Chevrolet • Malibu											
2020-19	L4/2.0L			48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2020-16	L4/1.5L		●	48 ^{33,50}	700	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019-18	L4/1.8L	Hybrid		47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2018-16	L4/2.0L			48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2017	L4/1.8L	Hybrid		47	525	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2016	L4/1.8L	Hybrid		47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2015-14	L4/2.5L	Aux for Start-Stop	●	401 ^{33,50}	180	-	MTX-AUX12	-	-	-	-
2015-14	L4/2.5L	Start-Stop	●	49 ³³	850	-	MTX-49/H8	-	-	-	-
2015-13	L4/2.0L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2014-13	L4/2.4L	Hybrid		47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2013	L4/2.5L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2012-09	L4/2.4L			90	590	-	-	MTP-90/T5	-	-	-
2012-08	V6/3.6L			90	590	-	-	MTP-90/T5	-	-	-
2010-08	V6/3.5L			90	590	-	-	MTP-90/T5	-	-	-
2008	L4/2.4L	Hybrid		90	590	-	-	MTP-90/T5	-	-	-
2008	L4/2.2L			90	590	-	-	MTP-90/T5	-	-	-
2007-04	L4/2.2L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2007	V6/3.9L			75	690	MTZ-75DT	-	MTP-75	-	-	-
2007	V6/3.5L			75	690	MTZ-75DT	-	MTP-75	-	-	-
2006-04	V6/3.5L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2006	V6/3.9L			75	590	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
2003-02	V6/3.1L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Chevrolet • Malibu Limited											
2016	L4/2.5L	Start-Stop	●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2016	L4/2.5L	Aux	●	401 ^{33,50}	180	-	MTX-AUX12	-	-	-	-
Chevrolet • Metro											
2001-98	L4/1.3L			26R	390	-	-	-	MT-26R	-	-
Chevrolet • Monte Carlo											
2007-06	V8/5.3L			85	625	-	-	-	MT-85	-	-
2007	V6/3.5L			34	690	MTZ-34	MTX-34	MTP-34	MT-34	-	-
2006	V6/3.9L			34	750	MTZ-34	-	MTP-34	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Chevrolet • Monte Carlo (continued)											
2006	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2005-04	V6/3.8L			78	770	MTZ-78	-	MTP-78	-	-	-
2005-02	V6/3.4L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2003-02	V6/3.8L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2000	V6/3.8L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	-
2000	V6/3.4L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	-
1999-97	L4/2.4L	Ex SS		75 ⁶⁰⁰	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1999-97	V6/3.1L	Ex SS		75 ⁶⁰⁰	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1999-96	V6/3.1L			78 ⁶⁰⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1997-96	V6/3.4L			78 ⁶⁰⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
Chevrolet • Optra											
2007-06	L4/2.0L			86	640	-	-	MTP-86	-	-	-
2005-04	L4/2.0L			86	640	-	-	MTP-86	-	-	-
Chevrolet • Orlando											
2014-12	L4/2.4L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
Chevrolet • P30											
1999-94	V8/6.5L	Dsl		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1999-91	V6/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1999-91	V8/5.7L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1999-90	V8/7.4L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1991-90	L4/3.9L			75	425	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	L4/3.9L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V8/5.7L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
Chevrolet • Prizm											
2002-98	L4/1.8L			35	310	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Chevrolet • S10											
2004-91	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2004-94	V6/4.3L	Opt		75	690	MTZ-75DT	-	MTP-75	-	-	-
2003-94	L4/2.2L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2003-94	L4/2.2L	Opt		75	690	MTZ-75DT	-	MTP-75	-	-	-
Chevrolet • Silverado 1500											
2020-19	V8/6.2L		●	94R ³³	720	-	MTX-94R/H7	-	-	-	-
2020-19	V8/5.3L	VIN D	●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2020-19	V8/5.3L	VIN F	○	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-19	L4/2.7L		●	94R ³³	720	-	MTX-94R/H7	-	-	-	-
2020-14	V6/4.3L		○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020	V8/6.2L	Aux	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020	V8/5.3L	Aux	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-17	V8/6.2L		○	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-14	V8/6.2L	Aux	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-14	V8/5.3L		○	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-14	V8/5.3L	Aux	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-15	V6/4.3L	Aux	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-14	V8/6.2L		○	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2013-10	V6/4.3L		○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2013-09	V8/6.2L		○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2013-09	V8/6.2L	Opt	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-09	V8/5.3L	Opt	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-09	V8/4.8L	Opt	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-09	V6/4.3L	Opt	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-08	V8/5.3L		○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2013-08	V8/4.8L		○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2013	V8/6.0L	Hybrid	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2012-10	V8/6.0L	Hybrid	○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2012-10	V8/6.0L	Hybrid, Opt	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009-08	V8/6.0L		○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2009	V8/6.0L	Opt	○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009	V6/4.3L		○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2008	V6/4.3L		○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/6.0L	Early	○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.0L	Late	○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/5.3L	Early	○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/5.3L	Late	○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/4.8L	Early	○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/4.8L	Late	○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V6/4.3L	Early	○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V6/4.3L	Late	○	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2006-03	V8/6.0L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/4.8L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V6/4.3L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V8/5.3L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-03	V8/6.0L	Opt	○	78	770	MTZ-78	-	MTP-78	-	-	-
2005-02	V8/5.3L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Chevrolet • Silverado 1500 (continued)											
2005-02	V8/5.3L	Opt	⊙	78	770	MTZ-78	–	MTP-78	–	–	–
2005-02	V8/4.8L	Opt	⊙	78	770	MTZ-78	–	MTP-78	–	–	–
2005-02	V6/4.3L	Opt	⊙	78	770	MTZ-78	–	MTP-78	–	–	–
2001	V8/8.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/8.1L	Opt		78	770	MTZ-78	–	MTP-78	–	–	–
2001	V8/6.6L	Dsl		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.6L	Dsl, HD		78	770	MTZ-78	–	MTP-78	–	–	–
2001	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.0L	Opt		78	770	MTZ-78	–	MTP-78	–	–	–
2001	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.0L	Opt		78	770	MTZ-78	–	MTP-78	–	–	–
2000-99	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2000-99	V8/6.0L	Opt		78	770	MTZ-78	–	MTP-78	–	–	–
2000-99	V8/5.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2000-99	V8/5.3L	Opt		78	770	MTZ-78	–	MTP-78	–	–	–
Chevrolet • Silverado 1500 Classic											
2007	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/5.3L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/4.8L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V6/4.3L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
Chevrolet • Silverado 1500 HD											
2006-05	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2003-02	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2003-02	V8/6.0L	Opt	⊙	78	770	MTZ-78	–	MTP-78	–	–	–
Chevrolet • Silverado 1500 HD Classic											
2007	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
Chevrolet • Silverado 1500 LD											
2019	V8/5.3L		⊙	94R	720	–	MTX-94R/H7	MTP-94R/H7	–	M-94R/H7	–
Chevrolet • Silverado 2500											
2004-02	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2004-02	V8/6.0L	Opt	⊙	78	770	MTZ-78	–	MTP-78	–	–	–
2001	V8/8.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/8.1L	Opt		78	770	MTZ-78	–	MTP-78	–	–	–
2001	V8/6.6L	Dsl		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.6L	Dsl, HD		78	770	MTZ-78	–	MTP-78	–	–	–
2001	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.0L	Opt		78	770	MTZ-78	–	MTP-78	–	–	–
2001	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.0L	Opt		78	770	MTZ-78	–	MTP-78	–	–	–
2000-99	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2000-99	V8/6.0L	Opt		78	770	MTZ-78	–	MTP-78	–	–	–
2000-99	V8/5.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2000-99	V8/5.3L	Opt		78	770	MTZ-78	–	MTP-78	–	–	–
Chevrolet • Silverado 2500 HD											
2020-19	V8/6.6L	Dsl	⊙	48 ²	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	–	–	–
2020	V8/6.6L		●	94R ³³	730	–	MTX-94R/H7	–	–	–	–
2020	V8/6.6L	Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2019-15	V8/6.0L	Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2019	V8/6.0L		●	94R ³³	730	–	MTX-94R/H7	–	–	–	–
2018-15	V8/6.6L	Dsl Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2018-15	V8/6.6L	Dsl	⊙	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2018	V8/6.0L	CNG, LPG	⊙	94R	720	–	MTX-94R/H7	MTP-94R/H7	–	M-94R/H7	–
2018	V8/6.0L	Gas	●	94R ³³	730	–	MTX-94R/H7	–	–	–	–
2017	V8/6.0L		●	94R ³³	730	–	MTX-94R/H7	–	–	–	–
2016-14	V8/6.0L		⊙	94R	720	–	MTX-94R/H7	MTP-94R/H7	–	M-94R/H7	–
2014-08	V8/6.6L	Dsl	⊙	48 ²	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	–	–	–
2014	V8/6.0L	Aux	⊙	N/A ⁴⁵	–	–	–	–	–	–	–
2013-09	V8/6.0L	Opt	⊙	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2013-08	V8/6.0L		⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	–
2007-03	V8/6.6L	Dsl	⊙	78 ²	770	MTZ-78	–	MTP-78	–	–	–
2007	V8/6.0L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.0L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	–
2006-02	V8/8.1L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-02	V8/8.1L	Opt	⊙	78	770	MTZ-78	–	MTP-78	–	–	–
2005-02	V8/6.0L	Opt	⊙	78	770	MTZ-78	–	MTP-78	–	–	–
2002	V8/6.6L	Dsl	⊙	78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2002	V8/6.6L	Dsl, Opt	⊙	78 ²	770	MTZ-78	–	MTP-78	–	–	–
Chevrolet • Silverado 2500 HD Classic											
2007	V8/8.1L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/8.1L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	–
2007	V8/6.6L	Dsl	⊙	78 ²	770	MTZ-78	–	MTP-78	–	–	–
2007	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ⊙ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Chevrolet • Silverado 3500											
2006-03	V8/6.6L	Dsl	● 78 ²	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2006-02	V8/8.1L		● 78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/6.0L		● 78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-02	V8/8.1L	Opt	● 78	78	770	MTZ-78	-	MTP-78	-	-	-
2005-02	V8/6.0L	Opt	● 78	78	770	MTZ-78	-	MTP-78	-	-	-
2002	V8/6.6L	Dsl	● 78 ²	78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2002	V8/6.6L	Dsl, Opt	● 78 ²	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2004-02	V8/6.0L	Opt	● 78	78	770	MTZ-78	-	MTP-78	-	-	-
2001	V8/8.1L		78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/8.1L	Opt	78	78	770	MTZ-78	-	MTP-78	-	-	-
2001	V8/6.6L	Dsl	78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.6L	Dsl, HD	78	78	770	MTZ-78	-	MTP-78	-	-	-
2001	V8/6.0L		78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.0L	Opt	78	78	770	MTZ-78	-	MTP-78	-	-	-
2001	V8/6.0L		78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.0L	Opt	78	78	770	MTZ-78	-	MTP-78	-	-	-
2000-99	V8/6.0L		78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2000-99	V8/6.0L	Opt	78	78	770	MTZ-78	-	MTP-78	-	-	-
2000-99	V8/5.3L		78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2000-99	V8/5.3L	Opt	78	78	770	MTZ-78	-	MTP-78	-	-	-
Chevrolet • Silverado 3500 Classic											
2007	V8/8.1L	Early	● 78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/8.1L	Late	● 48	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/6.6L	Dsl	● 78 ²	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2007	V8/6.0L	Early	● 78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.0L	Late	● 48	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
Chevrolet • Silverado 3500 HD											
2020-19	V8/6.6L	Dsl	● 48 ²	48 ²	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2020	V8/6.6L		● 94R ³³	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2020	V8/6.6L	Aux	● 48	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019-17	V8/6.0L		● 94R ³³	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2019-15	V8/6.0L	Aux	● 48	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-15	V8/6.6L	Dsl Aux	● 48	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-15	V8/6.6L	Dsl	● 48	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-14	V8/6.0L		● 94R	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2014-08	V8/6.6L	Dsl	● 48 ²	48 ²	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2014	V8/6.0L	Aux	● N/A ⁴⁵	N/A ⁴⁵	-	-	-	-	-	-	-
2013-09	V8/6.0L	Opt	● 48	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-08	V8/6.0L		● 48	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/6.6L	Dsl	● 78 ²	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2007	V8/6.0L	Early	● 78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.0L	Late	● 48	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
Chevrolet • Sonic											
2020-18	L4/1.4L		47	47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2018	L4/1.8L		47	47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2017	L4/1.8L		47	47	525	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2017	L4/1.4L		47	47	525	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2016-12	L4/1.8L		47	47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2016-12	L4/1.4L		47	47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Chevrolet • Spark											
2020-16	L4/1.4L		140R ⁵⁴	140R ⁵⁴	375	-	-	MTP-H4	-	-	-
2015-13	L4/1.2L		140R ⁵⁴	140R ⁵⁴	375	-	-	MTP-H4	-	-	-
Chevrolet • Spark EV											
2016-14	Electric		● 140R ³³	140R ³³	520	-	-	-	-	-	-
Chevrolet • Sprint											
1991-90	L3/1.0L		45	45	400	-	-	-	-	-	SP-45
Chevrolet • SS											
2017-14	V8/6.2L		● 48 ^{33,50}	48 ^{33,50}	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
Chevrolet • SSR											
2006-05	V8/6.0L		78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2004-03	V8/5.3L		78	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
Chevrolet • Suburban											
2020-19	V8/6.2L		● 94R	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-19	V8/6.2L	Aux	● 48	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-19	V8/5.3L	Aux	● 48	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-15	V8/5.3L		● 94R	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Chevrolet • Suburban 1500											
2014-12	V8/5.3L		● 48	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2014-09	V8/5.3L	Opt	● 48	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2011-07	V8/5.3L		● 48	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2009	V8/6.0L	Opt	● 48	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009-07	V8/6.0L		● 48	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Chevrolet • Suburban 1500 (continued)											
2006	V8/6.0L		⊕	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V8/6.0L	Opt	⊕	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/5.3L		⊕	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-03	V8/5.3L	Opt	⊕	78	770	MTZ-78	–	MTP-78	–	–	–
2002	V8/5.3L	Opt	⊕	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001-00	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001-00	V8/5.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/8.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/8.1L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	–	–
2000	V8/6.0L	HD or PPkg		78	770	MTZ-78	–	MTP-78	–	–	–
2000	V8/5.3L	HD or PPkg		78	770	MTZ-78	–	MTP-78	–	–	–
Chevrolet • Suburban 2500											
2013-12	V8/6.0L		⊕	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	–	–
2013-09	V8/6.0L	Opt	⊕	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2011-07	V8/6.0L		⊕	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	–
2006-02	V8/8.1L		⊕	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/6.0L		⊕	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-03	V8/8.1L	Opt	⊕	78	770	MTZ-78	–	MTP-78	–	–	–
2005-03	V8/6.0L	Opt	⊕	78	770	MTZ-78	–	MTP-78	–	–	–
2002	V8/8.1L	Opt	⊕	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2002	V8/6.0L	Opt	⊕	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001-00	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001-00	V8/5.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/8.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/8.1L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	–	–
2000	V8/6.0L	HD or PPkg		78	770	MTZ-78	–	MTP-78	–	–	–
2000	V8/5.3L	HD or PPkg		78	770	MTZ-78	–	MTP-78	–	–	–
Chevrolet • Suburban 3500 HD											
2019	V8/6.0L	Aux	⊕	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2019-16	V8/6.0L		⊕	94R	720	–	MTX-94R/H7	MTP-94R/H7	–	M-94R/H7	–
Chevrolet • Tahoe											
2020-19	V8/6.2L	Aux	⊕	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2020-19	V8/5.3L	Aux	⊕	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2020-18	V8/6.2L		⊕	94R	720	–	MTX-94R/H7	MTP-94R/H7	–	M-94R/H7	–
2020-15	V8/5.3L		⊕	94R	720	–	MTX-94R/H7	MTP-94R/H7	–	M-94R/H7	–
2014-12	V8/5.3L		⊕	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	–	–
2014-09	V8/5.3L	Opt	⊕	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2013-12	V8/6.0L	Hybrid	⊕	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	–	–
2013-09	V8/6.0L	Hybrid, Opt	⊕	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2011-08	V8/6.0L	Hybrid	⊕	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	–
2011-07	V8/5.3L		⊕	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	–
2009	V8/4.8L	Opt	⊕	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2009-08	V8/6.2L		⊕	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	–
2009-08	V8/6.2L	Opt	⊕	48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2009-07	V8/4.8L		⊕	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	–
2006-02	V8/4.8L		⊕	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V8/5.3L		⊕	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-03	V8/5.3L	Opt	⊕	78	770	MTZ-78	–	MTP-78	–	–	–
2005-03	V8/4.8L	Opt	⊕	78	770	MTZ-78	–	MTP-78	–	–	–
2005-02	V8/5.3L		⊕	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2002	V8/4.8L	Opt	⊕	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001-00	V8/5.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2001-00	V8/5.3L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	–	–
2001-00	V8/4.8L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2000-99	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	–	–
1999	V8/6.5L	Dsl		78	690	MTZ-78	MTX-78	MTP-78	MT-78	–	–
1999	V8/5.7L	HD, PPkg		78	770	MTZ-78	–	MTP-78	–	–	–
1996-95	V8/6.5L	Dsl		78	770	MTZ-78	–	MTP-78	–	–	–
Chevrolet • Tracker											
2004-02	V6/2.5L			85	600	–	–	–	MT-85	–	MTP-75DT
2003	L4/2.0L			85	600	–	–	–	MT-85	–	MTP-75DT
2002	L4/2.0L			85	550	–	–	–	MT-85	–	MTP-75DT
2002	L4/1.6L			85	550	–	–	–	MT-85	–	MTP-75DT
2001-99	L4/2.0L			85	550	–	–	–	MT-85	–	MTP-75DT
2001-99	L4/1.6L			85	550	–	–	–	MT-85	–	MTP-75DT
1991-90	L4/1.6L			26	525	–	–	–	MT-26	–	MTP-75DT
Chevrolet • Trailblazer											
2009-06	V8/6.0L			78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2009-02	L6/4.2L			78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2008-06	V8/5.3L			78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
Chevrolet • Trailblazer EXT											
2006-03	V8/5.3L			78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2006-02	L6/4.2L			78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–

⊕ Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ⊕ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Chevrolet • Traverse											
2020	V6/3.6L		●	94R ³³	850	-	MTX-94R/H7	-	-	-	-
2019-18	V6/3.6L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2019-18	L4/2.0L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2017-10	V6/3.6L		●	48 ⁵⁰	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2009	V6/3.6L		●	48 ⁵⁰	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
Chevrolet • Trax											
2020-18	L4/1.4L	w/o Start-Stop		47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2020-18	L4/1.4L	w/Start-Stop	●	48 ³³	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017-13	L4/1.4L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Chevrolet • Uplander											
2009-06	V6/3.9L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2006-05	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Chevrolet • Venture											
2005-02	V6/3.4L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
Chevrolet • Volt											
2019-16	L4/1.5L	Hybrid	●	47 ^{33,50}	630	-	MTX-47/H5	-	-	-	-
2015-11	L4/1.4L	Hybrid	●	47 ^{33,50}	630	-	MTX-47/H5	-	-	-	-
Chrysler • 200											
2017-15	V6/3.6L			48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2017-15	V6/3.6L	Opt		94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2017-15	L4/2.4L			48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2017-15	L4/2.4L	Opt		94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2014-11	V6/3.6L			86	525	-	-	-	MT-86	-	-
2014-11	L4/2.4L			86	525	-	-	-	MT-86	-	-
Chrysler • 300											
2020-19	V8/5.7L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2020-19	V6/3.6L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2018-14	V8/5.7L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-11	V6/3.6L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2014-12	V8/6.4L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2013	V8/5.7L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2012-10	V8/5.7L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V8/6.1L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V6/3.5L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V6/2.7L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	V8/6.1L			94R ^{50,57}	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	V8/5.7L			94R ^{50,57}	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	V6/3.5L			94R ^{50,57}	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	V6/2.7L			94R ^{50,57}	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-05	V8/6.1L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-05	V8/5.7L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-05	V6/3.5L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-05	V6/2.7L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Chrysler • 300M											
2004-02	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Chrysler • Aspen											
2009-08	V8/5.7L		●	65 ⁵⁷	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2009-08	V8/4.7L		●	65 ⁵⁷	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2007	V8/5.7L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2007	V8/4.7L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
Chrysler • Cirrus											
2000-95	L4/2.5L			75	510	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
2000-95	L4/2.4L			75	510	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
2000	L4/2.0L			75	510	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Chrysler • Concorde											
2004-02	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT ^{6,7,10}
2004-02	V6/2.7L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
2001-00	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1999	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1996-95	V6/3.3L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Chrysler • Crossfire											
2008	V6/3.2L			48 ⁵⁰	700	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2007-06	V6/3.2L			48 ⁵⁰	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2005	V6/3.2L			48 ⁵⁰	700	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2004	V6/3.2L			48 ⁵⁰	580	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
Chrysler • Daytona, Dynasty											
1993-92	L4/2.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1993-92	L4/2.2L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1990	V6/3.3L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1990	V6/3.0L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
1990	L4/2.5L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
1990	L4/2.2L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34	M-34HC

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Chrysler • Grand Voyager, Voyager											
2003-01	V6/3.3L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2003-01	L4/2.4L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2000	V6/3.3L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
2000	V6/3.3L	Opt		34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2000	V6/3.0L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Chrysler • Imperial											
1991-90	V6/3.8L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
1991-90	V6/3.3L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Chrysler • Intrepid											
2004-02	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT ^{6,7,10}
2004-02	V6/2.7L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Chrysler • Neon											
2002	L4/2.0L			26R	450	-	-	-	MT-26R	-	-
Chrysler • New Yorker											
1996-95	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1994	V6/3.5L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Chrysler • Pacifica											
2020-17	V6/3.6L	Aux for Start-Stop	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2020-17	V6/3.6L	w/o Start-Stop		94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-17	V6/3.6L	w/Start-Stop	●	48 ^{33,50}	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2008-07	V6/4.0L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2008-07	V6/3.8L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2006-05	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2005	V6/3.8L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2004	V6/3.5L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Chrysler • Prowler											
2002-01	V6/3.5L			34	525	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Chrysler • PT Cruiser											
2010-03	L4/2.4L			26R	510	-	-	-	MT-26R	-	-
2002-01	L4/2.4L			26R	540	-	-	-	MT-26R	-	-
Chrysler • Sebring											
2010	V6/3.5L	Coupe		86	525	-	-	-	MT-86	-	-
2010	V6/2.7L	Coupe		86	525	-	-	-	MT-86	-	-
2010	L4/2.4L	Coupe		86	525	-	-	-	MT-86	-	-
2009-08	V6/3.5L	Coupe		86 ⁵⁷	525	-	-	-	MT-86	-	-
2009-08	V6/2.7L	Coupe		86 ⁵⁷	525	-	-	-	MT-86	-	-
2009-08	L4/2.4L	Coupe		86 ⁵⁷	525	-	-	-	MT-86	-	-
2007	V6/3.5L	Coupe		86	525	-	-	-	MT-86	-	-
2007	V6/2.7L	Coupe		86	525	-	-	-	MT-86	-	-
2007	L4/2.4L	Convertible or Sedan		86	525	-	-	-	MT-86	-	-
2006-02	V6/2.7L	Convertible or Sedan		75	510	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2006-02	L4/2.4L	Convertible or Sedan		75	510	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2005-02	V6/3.0L	Coupe		86	525	-	-	-	MT-86	-	-
2005-02	V6/3.0L	Convertible or Sedan		75	510	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2005-01	V6/2.7L	Coupe		86	525	-	-	-	MT-86	-	-
2005-01	L4/2.4L	Coupe		86	525	-	-	-	MT-86	-	-
2000-98	L4/2.0L	w/side Terminals		75	510	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1999-98	L4/2.0L	Top Terminal		86	525	-	-	-	MT-86	-	-
Chrysler • TC by Maserati											
1991-90	V6/3.0L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
1990	L4/2.2L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Chrysler • Town & Country											
2016-12	V6/3.6L		●	94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2011	V6/3.6L		●	94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V6/4.0L		●	34	600	MTZ-34	-	MTP-34	MT-34	-	-
2010	V6/3.8L		●	34	600	MTZ-34	-	MTP-34	MT-34	-	-
2010	V6/3.3L		●	34	600	MTZ-34	-	MTP-34	MT-34	-	-
2009	V6/3.8L		●	34 ⁵⁷	600	MTZ-34	-	MTP-34	MT-34	-	-
2009-08	V6/4.0L		●	34 ⁵⁷	600	MTZ-34	-	MTP-34	MT-34	-	-
2009-08	V6/3.3L		●	34 ⁵⁷	600	MTZ-34	-	MTP-34	MT-34	-	-
2008	V6/3.8L		●	34 ⁵⁷	600	MTZ-34	-	MTP-34	MT-34	-	-
2007	V6/3.8L		●	34	600	MTZ-34	-	MTP-34	MT-34	-	-
2007	V6/3.3L		●	34	600	MTZ-34	-	MTP-34	MT-34	-	-
2006-94	V6/3.3L	Opt	●	34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2006-02	V6/3.8L		●	34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2006-02	V6/3.8L	Opt	●	34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2002-96	V6/3.3L		●	34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
1997	V6/3.8L		●	34	600	MTZ-34	-	MTP-34	MT-34	-	-
1995-94	V6/3.8L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
1993-92	V6/3.3L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
1991-90	V6/3.3L			34	625	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Chrysler • Voyager											
2020	V6/3.6L	Aux for Start-Stop	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2020	V6/3.6L	w/o Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2020	V6/3.6L	w/Start-Stop	●	48 ^{33,50}	650	MTZ-48/H6	-	-	-	-	-
2003-02	V6/3.3L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2003-02	L4/2.4L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
Daewoo • Lanos											
2002	L4/1.6L			86 ¹¹	525	MTZ-75DT	-	MTP-86	-	-	-
2002	L4/1.5L			86 ¹¹	525	MTZ-75DT	-	MTP-86	-	-	-
2001-99	L4/1.6L			86 ¹¹	525	-	-	MTP-86	MT-86	-	MTP-75DT
2001-99	L4/1.5L			86 ¹¹	525	-	-	MTP-86	MT-86	-	MTP-75DT
Daewoo • Leganza											
2002	L4/2.2L			86 ¹¹	620	MTZ-75DT	-	MTP-86	-	-	-
2000-99	L4/2.2L			86 ¹¹	630	-	-	MTP-86	MT-86	-	MTP-75DT
2001	L4/2.2L			86 ¹¹	620	-	-	MTP-86	MT-86	-	MTP-75DT
Daewoo • Nubira											
2002	L4/2.0L			86 ¹¹	620	MTZ-75DT	-	MTP-86	-	-	-
2000-99	L4/2.0L			86 ¹¹	630	-	-	MTP-86	MT-86	-	MTP-75DT
2001	L4/2.0L			86 ¹¹	620	-	-	MTP-86	MT-86	-	MTP-75DT
Dodge • 2000 GTX											
1990	L4/2.0L			24	500	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-78DT ^{1B}
Dodge • Avenger											
2014-11	V6/3.6L			86	525	-	-	-	MT-86	-	-
2014-10	L4/2.4L			86	525	-	-	-	MT-86	-	-
2010	V6/3.5L			86	525	-	-	-	MT-86	-	-
2010	V6/2.7L			86	525	-	-	-	MT-86	-	-
2009-08	V6/3.5L			86 ⁵⁷	525	-	-	-	MT-86	-	-
2009-08	V6/2.7L			86 ⁵⁷	525	-	-	-	MT-86	-	-
2009-08	L4/2.4L			86 ⁵⁷	525	-	-	-	MT-86	-	-
Dodge • B-Series Vans (150, 250, 350, 1500, 3500)											
1994-92	V8/5.9L	Ex T-Series		27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1994-92	V8/5.9L	HD, Ex T-Series		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
1994-92	V8/5.2L	Ex T-Series		27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1994-92	V8/5.2L	HD, Ex T-Series		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
1994-92	V6/3.9L	Ex T-Series		27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1994-92	V6/3.9L	HD, Ex T-Series		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
1991-90	V8/5.9L			34	685	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V8/5.2L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V8/5.2L	Opt		34	685	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V6/3.9L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V6/3.9L	Opt		34	685	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Dodge • Caliber											
2012-10	L4/2.0L			86	525	-	-	-	MT-86	-	-
2011-10	L4/2.4L			86	525	-	-	-	MT-86	-	-
2009-08	L4/2.4L			86 ⁵⁷	525	-	-	-	MT-86	-	-
2009-08	L4/2.0L			86 ⁵⁷	525	-	-	-	MT-86	-	-
2009-08	L4/1.8L			86 ⁵⁷	525	-	-	-	MT-86	-	-
2007	L4/2.4L			86	525	-	-	-	MT-86	-	-
2007	L4/2.0L			86	525	-	-	-	MT-86	-	-
2007	L4/1.8L			86	525	-	-	-	MT-86	-	-
Dodge • Caravan											
2007	V6/3.3L		○	34	600	MTZ-34	-	MTP-34	MT-34	-	-
2007	L4/2.4L		○	34	600	MTZ-34	-	MTP-34	MT-34	-	-
2006-05	L4/2.4L	Opt	○	34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2006-04	V6/3.3L	Opt	○	34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2006-03	L4/2.4L		○	34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
2006-02	V6/3.3L		○	34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
2003	L4/2.4L	Opt	○	34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2002	L4/2.4L		○	34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
Dodge • Challenger											
2020-15	V8/6.2L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-11	V8/6.4L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-11	V6/3.6L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-10	V8/5.7L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V8/6.1L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V6/3.5L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	V8/6.1L			94R ^{50,57}	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009	V8/5.7L			94R ^{50,57}	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009	V6/3.5L			94R ^{50,57}	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Dodge • Charger											
2020-17	V8/6.4L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-15	V8/6.2L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-11	V8/5.7L	PPkg	●	49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Dodge • Charger (continued)											
2020-11	V6/3.6L	PPkg	●	49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2020-11	V6/3.6L	Ex Police		94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-10	V8/5.7L	Ex Police		94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2016-12	V8/6.4L	PPkg	●	49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2016-12	V8/6.4L	Ex Police		94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V8/6.1L	PPkg	●	49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2010	V8/6.1L	Ex Police		94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V8/5.7L	PPkg	●	49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2010	V6/3.5L	PPkg	●	49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2010	V6/3.5L	Ex Police		94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V6/2.7L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009	V8/6.1L	PPkg	●	49 ^{50,57}	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2009	V8/5.7L	PPkg	●	49 ^{50,57}	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2009	V6/3.5L	PPkg	●	49 ^{50,57}	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2009-08	V8/6.1L	Ex Police		94R ^{50,57}	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	V8/5.7L	Ex Police		94R ^{50,57}	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	V6/3.5L	Ex Police		94R ^{50,57}	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	V6/2.7L			94R ^{50,57}	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/6.1L	PPkg	●	49 ^{50,57}	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2008	V8/5.7L	PPkg	●	49 ^{50,57}	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2008	V6/3.5L	PPkg	●	49 ^{50,57}	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2007-06	V8/6.1L	PPkg	●	49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2007-06	V8/6.1L	Ex Police		94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-06	V8/5.7L	PPkg	●	49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2007-06	V8/5.7L	Ex Police		94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-06	V6/3.5L	PPkg	●	49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2007-06	V6/3.5L	Ex Police		94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-06	V6/2.7L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Dodge • Colt											
1992-91	L4/1.5L	US		25	355	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
1992-91	L4/1.5L	US, HD		25	430	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
1991-90	L4/2.0L	Can		25	420	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
1991-90	L4/1.5L	Can		25	420	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
1990	L4/2.0L	Wagon, US		51	435	-	-	-	MT-51	-	MTP-75DT ^{1C}
1990	L4/1.8L			25	355	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
1990	L4/1.8L	Wagon		51	435	-	-	-	MT-51	-	MTP-75DT ^{1C}
1990	L4/1.6L	Can		25	420	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
1990	L4/1.6L			51	435	-	-	-	MT-51	-	-
1990	L4/1.5L	Ex Wagon		25	355	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
1990	L4/1.5L			51	435	-	-	-	MT-51	-	-
1990	L4/1.5L	Wagon		51	435	-	-	-	MT-51	-	MTP-75DT ^{1C}
Dodge • D/W Series Pickups (150, 250, 350)											
1993-92	V8/5.9L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1993-92	V8/5.9L	Opt		27	810	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
1993-92	V8/5.2L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1993-92	V8/5.2L	Opt		27	810	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
1993-92	V6/3.9L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1993-92	V6/3.9L	Opt		27	810	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
1993-92	L6/5.9L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1993-92	L6/5.9L	Opt		27	810	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
1991-90	V8/5.9L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V8/5.9L	Opt		34	685	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V8/5.2L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V8/5.2L	Opt		34	685	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V6/3.9L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V6/3.9L	Opt		34	685	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	L6/5.9L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	L6/5.9L	Opt		34	685	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Dodge • Dakota											
2010	V8/4.7L			65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2010	V8/4.7L	Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2010	V6/3.7L			65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2010	V6/3.7L	Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2009	V8/4.7L	Opt		65 ⁵⁷	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2009	V6/3.7L	Opt		65 ⁵⁷	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2009-08	V8/4.7L			65 ⁵⁷	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2009-08	V6/3.7L			65 ⁵⁷	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2007-06	V8/4.7L			65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2007-06	V6/3.7L			65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006	V8/4.7L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006	V6/3.7L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2005-04	V6/3.7L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	-
2005-00	V8/4.7L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2004-01	V8/4.7L	Opt		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Dodge • Dakota (continued)											
2003-98	V8/5.9L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2003-98	V8/5.9L	Opt		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
2003-92	V6/3.9L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2003-92	V6/3.9L	Opt		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
2002-92	L4/2.5L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	-
1991-90	V8/5.2L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V8/5.2L	Opt		34	685	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V6/3.9L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V6/3.9L	Opt		34	685	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	L4/2.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	L4/2.5L	Opt		34	685	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Dodge • Dart											
2016-14	L4/2.0L	SE		47	600	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2016-14	L4/1.4L			47	600	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2016-13	L4/2.4L			48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016-13	L4/2.4L	Opt		47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2016-13	L4/2.0L	Ex SE		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2013	L4/2.0L	SE		47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2013	L4/1.4L			48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
Dodge • Daytona											
1993-92	L4/2.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1993-92	L4/2.2L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	L4/2.5L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
1991-90	L4/2.2L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Dodge • Durango											
2020-18	V8/6.4L		●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	- ^{1B}
2020-18	V8/5.7L		●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2020-18	V8/5.7L	w/Special Service Package	●	49 ^{33,50}	800	-	MTX-49/H8	-	-	-	-
2020-18	V6/3.6L	w/o Start-Stop	●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2020-18	V6/3.6L	w/Start-Stop	●	48 ^{33,50}	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-17	V6/3.6L	Aux for Start-Stop	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2020-17	V6/3.6L	w/Special Service Package	●	49 ^{33,50}	800	-	MTX-49/H8	-	-	-	-
2017-16	V6/3.6L	w/o Start-Stop	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2017-16	V6/3.6L	w/Start-Stop	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2017-14	V8/5.7L		●	49 ^{33,50}	800	-	MTX-49/H8	-	-	-	-
2016	V6/3.6L	Aux for Start-Stop	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2015-14	V6/3.6L		●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2013-11	V8/5.7L		●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2013-11	V6/3.6L		●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2009	V8/5.7L			65 ⁵⁷	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2009	V8/5.7L	Hybrid		90 ⁵⁷	500	-	-	MTP-90/T5	-	-	-
2009	V8/4.7L		○	65 ⁵⁷	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2009	V6/3.7L		○	65 ⁵⁷	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2008	V8/5.7L			65 ⁵⁷	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2008	V8/4.7L		○	65 ⁵⁷	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2008	V6/3.7L		○	65 ⁵⁷	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2007-04	V8/5.7L			65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2007-04	V8/4.7L		○	65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2007-04	V6/3.7L		○	65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006	V8/5.7L	Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2006	V8/4.7L	Opt	○	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2006-04	V6/3.7L	Opt	○	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2003-98	V8/5.9L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2003-98	V8/5.9L	Opt		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
2003-00	V8/4.7L		○	27	600	MTZ-34 ¹	-	-	MT-27	M-27	-
2003-00	V8/4.7L	Opt	○	27	750	MTZ-34 ¹	-	-	MT-27	-	-
1999-98	V6/3.9L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1999-98	V6/3.9L	Opt		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
Dodge • Dynasty											
1993-92	L4/2.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1990	L4/2.5L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Dodge • Grand Caravan											
2020-12	V6/3.6L		○	94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2011	V6/3.6L		○	94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V6/4.0L		○	34	600	MTZ-34	-	MTP-34	MT-34	-	-
2010	V6/3.8L		○	34	600	MTZ-34	-	MTP-34	MT-34	-	-
2010	V6/3.3L		○	34	600	MTZ-34	-	MTP-34	MT-34	-	-
2009	V6/3.8L		○	34 ⁵⁷	600	MTZ-34	-	MTP-34	MT-34	-	-
2009-08	V6/4.0L		○	34 ⁵⁷	600	MTZ-34	-	MTP-34	MT-34	-	-
2009-08	V6/3.3L		○	34 ⁵⁷	600	MTZ-34	-	MTP-34	MT-34	-	-
2008	V6/3.8L		○	34 ⁵⁷	600	MTZ-34	-	MTP-34	MT-34	-	-
2007	V6/3.8L		○	34	600	MTZ-34	-	MTP-34	MT-34	-	-
2007	V6/3.3L		○	34	600	MTZ-34	-	MTP-34	MT-34	-	-
2006-04	V6/3.8L	Opt	○	34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Dodge • Grand Caravan (continued)											
2006-03	V6/3.8L		⊕	34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
2006-03	V6/3.3L	Opt	⊕	34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2006-02	V6/3.3L		⊕	34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
2002-94	V6/3.8L		⊕	34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
Dodge • Intrepid											
2004-02	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT ^{6,7,10}
2004-02	V6/2.7L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Dodge • Journey											
2019-11	V6/3.6L			86	525	-	-	-	MT-86	-	-
2019-09	L4/2.4L			86	525	-	-	-	MT-86	-	-
2010-09	V6/3.5L			86	525	-	-	-	MT-86	-	-
Dodge • Magnum											
2008-06	V8/6.1L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008-05	V8/5.7L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008-05	V6/3.5L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008-05	V6/2.7L			94R ⁵⁰	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Dodge • Monaco											
1990	V6/3.0L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Dodge • Neon											
2005-03	L4/2.4L	Turbo		26R	450	-	-	-	MT-26R	-	-
2005-02	L4/2.0L			26R	450	-	-	-	MT-26R	-	-
Dodge • Nitro											
2011-10	V6/4.0L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2011-10	V6/3.7L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2009-08	V6/4.0L			34 ⁵⁷	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2009-08	V6/3.7L			34 ⁵⁷	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2007	V6/4.0L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2007	V6/3.7L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
Dodge • Omni											
1990	L4/2.2L			34	430	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Dodge • Ram 1500											
2010	V8/5.7L		⊕	94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V8/4.7L		⊕	94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V6/3.7L		⊕	94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009	V8/5.7L	Mexico Built	⊕	65 ⁵⁷	700	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2009	V8/5.7L	US Built	⊕	94R ⁵⁷	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009	V8/4.7L	Mexico Built	⊕	65 ⁵⁷	700	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2009	V8/4.7L	US Built	⊕	94R ⁵⁷	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009	V6/3.7L	Mexico Built	⊕	65 ⁵⁷	700	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2009	V6/3.7L	US Built	⊕	94R ⁵⁷	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/5.7L	Mexico Built	⊕	65 ⁵⁷	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2008	V8/5.7L	Mexico Built, Opt	⊕	65 ⁵⁷	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2008	V8/5.7L	US Built	⊕	94R ⁵⁷	625	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/5.7L	US Built, Opt	⊕	94R ⁵⁷	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/4.7L		⊕	65 ⁵⁷	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2008	V6/3.7L		⊕	65 ⁵⁷	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2007-06	V6/3.7L		⊕	65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2007-03	V8/5.7L		⊕	65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2007-03	V8/5.7L	Opt	⊕	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2007	V8/4.7L		⊕	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2006-03	V8/4.7L	Opt	⊕	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2006-03	V6/3.7L	Opt	⊕	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2006	V8/4.7L		⊕	65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006	V10/8.3L		⊕	65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006	V10/8.3L	Opt	⊕	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2005-04	V6/3.7L		⊕	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2005-04	V10/8.3L		⊕	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2005	V8/4.7L		⊕	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2004-03	V8/4.7L		⊕	65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2003	V8/5.9L		⊕	27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2003	V8/5.9L	Opt	⊕	27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
2003	V6/3.7L		⊕	65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V8/5.9L	Late	⊕	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V8/5.9L	Early or Opt	⊕	27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
2002	V8/4.7L	Late	⊕	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V8/4.7L	Early or Opt	⊕	27	750	MTZ-34 ¹	-	-	MT-27	-	-
2002	V6/3.7L	Late	⊕	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V6/3.7L	Early or Opt	⊕	27	750	MTZ-34 ¹	-	-	MT-27	-	-
2001	V10/8.0L	Early 2002	⊕	27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
2001-00	L6/5.9L	Dsl	⊕	27 ²	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
1996-94	V8/5.2L		⊕	27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1996-94	V8/5.2L	Opt	⊕	27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}

⊕ Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ⊕ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Dodge • Ram 1500 (continued)											
1996-94	L6/5.9L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1996-94	L6/5.9L	Dsl		27 ²	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
Dodge • Ram 1500 Van											
2003-02	V8/5.9L		●	27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2003-02	V8/5.9L	Opt	●	27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
2003-02	V8/5.2L		●	27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2003-02	V8/5.2L	Opt	●	27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
2003-02	V6/3.9L		●	27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2003-02	V6/3.9L	Opt	●	27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
2001	V6/3.9L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2001	V6/3.9L	Opt		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
Dodge • Ram 2500											
2010	V8/5.7L		●	94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	L6/6.7L	Dsl	●	94R ²	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	L6/6.7L	Dsl	●	65 ^{2,57}	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2009	V8/5.7L		●	65 ⁵⁷	700	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2008	V8/5.7L	Mexico Built	●	65 ⁵⁷	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2008	V8/5.7L	Mexico Built, Opt	●	65 ⁵⁷	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2008	V8/5.7L	US Built	●	94R ⁵⁷	625	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/5.7L	US Built, Opt	●	94R ⁵⁷	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-03	V8/5.7L		●	65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2007-03	V8/5.7L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2007-03	L6/5.9L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2007	L6/6.7L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2003	V10/ 8.0L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2002	V8/5.9L	Late	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V8/5.9L	Early or Opt	●	27	750	MTZ-34 ¹	-	-	MT-27	-	-
2002	V10/ 8.0L	Late	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V10/ 8.0L	Early or Opt	●	27	750	MTZ-34 ¹	-	-	MT-27	-	-
2002	L6/5.9L	Dsl, Early or Opt	●	27 ²	750	MTZ-34 ¹	-	-	MT-27	-	-
2002	L6/5.9L	Dsl, Late	●	65 ²	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2001	V10/8.0L	Early 2002		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
2001-00	L6/5.9L	Dsl		27 ²	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
1996-94	V8/5.2L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1996-94	V8/5.2L	Opt		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
1996-94	L6/5.9L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1996-94	L6/5.9L	Dsl		27 ²	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
Dodge • Ram 2500 Van											
2003-02	V8/5.9L		●	27	600	MTZ-34 ¹	-	-	MT-27	M-27	-
2003-02	V8/5.9L	Opt	●	27	750	MTZ-34 ¹	-	-	MT-27	-	-
2003-02	V8/5.2L		●	27	600	MTZ-34 ¹	-	-	MT-27	M-27	-
2003-02	V8/5.2L	Opt	●	27	750	MTZ-34 ¹	-	-	MT-27	-	-
2001	V6/3.9L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2001	V6/3.9L	Opt		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
Dodge • Ram 3500											
2010	L6/6.7L	Dsl	●	94R ²	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	L6/6.7L	Dsl	●	65 ^{2,57}	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2009	V8/5.7L		●	65 ⁵⁷	700	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2008	V8/5.7L	Mexico Built	●	65 ⁵⁷	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2008	V8/5.7L	Mexico Built, Opt	●	65 ⁵⁷	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2008	V8/5.7L	US Built	●	94R ⁵⁷	625	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/5.7L	US Built, Opt	●	94R ⁵⁷	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-03	V8/5.7L		●	65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2007-03	V8/5.7L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2007-03	L6/5.9L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2007	L6/6.7L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2003	V10/ 8.0L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2002	V8/5.9L	Late	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V8/5.9L	Early or Opt	●	27	750	MTZ-34 ¹	-	-	MT-27	-	-
2002	V10/ 8.0L	Late	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V10/ 8.0L	Early or Opt	●	27	750	MTZ-34 ¹	-	-	MT-27	-	-
2002	L6/5.9L	Dsl, Early or Opt	●	27 ²	750	MTZ-34 ¹	-	-	MT-27	-	-
2002	L6/5.9L	Dsl, Late	●	65 ²	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	L6/5.9L	Dsl, Late	●	65 ²	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2001	V10/8.0L	Early 2002		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
2001-00	L6/5.9L	Dsl		27 ²	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
1996-94	V8/5.2L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1996-94	V8/5.2L	Opt		27	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
1996-94	L6/5.9L			27	600	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1996-94	L6/5.9L	Dsl		27 ²	750	MTZ-34 ¹	-	-	MT-27	-	MTP-78DT ^{1B}
Dodge • Ram 3500 Van											
2003-02	V8/5.9L		●	27	600	MTZ-34 ¹	-	-	MT-27	M-27	-
2003-02	V8/5.9L	Opt	●	27	750	MTZ-34 ¹	-	-	MT-27	-	-
2003-02	V8/5.2L		●	27	600	MTZ-34 ¹	-	-	MT-27	M-27	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Dodge • Ram 3500 Van (continued)											
2003-02	V8/5.2L	Opt	●	27	750	MTZ-34 ¹	–	–	MT-27	–	–
2001	V6/3.9L			27	600	MTZ-34 ¹	–	–	MT-27	M-27	MTP-78DT ^{1B}
2001	V6/3.9L	Opt		27	750	MTZ-34 ¹	–	–	MT-27	–	MTP-78DT ^{1B}
Dodge • Ram 50											
1993-91	L4/2.4L	RWD, HD, Can		24	580	MTZ-34 ¹	–	MTP-24	MT-24	M-24HC	–
1993-90	L4/2.4L	US		51	435	–	–	–	MT-51	–	MTP-75DT ^{1C}
1991-90	V6/3.0L			24	490	MTZ-34 ¹	–	MTP-24	MT-24	M-24	M-24HC
1992-90	L4/2.4L	Can		24	580	MTZ-34 ¹	–	MTP-24	MT-24	M-24HC	–
Dodge • Ramcharger											
1993-92	V8/5.9L			27	610	MTZ-34 ¹	–	–	MT-27	M-27	–
1993-92	V8/5.9L	Opt		27	685	MTZ-34 ¹	–	–	MT-27	M-27	MTP-78DT ^{1B}
1993-92	V8/5.2L			27	610	MTZ-34 ¹	–	–	MT-27	M-27	–
1993-92	V8/5.2L	Opt		27	685	MTZ-34 ¹	–	–	MT-27	M-27	MTP-78DT ^{1B}
1991-90	V8/5.9L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	–
1991-90	V8/5.9L	Opt		34	685	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	–
1991-90	V8/5.2L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	–
1991-90	V8/5.2L	Opt		34	685	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	–
Dodge • Shadow											
1994-92	V6/3.0L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
1994-92	L4/2.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	–
1990	L4/2.5L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Dodge • Spirit											
1992-91	L4/2.2L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	–
1990	L4/2.5L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Dodge • Sprinter 2500											
2009-07	V6/3.0L	Dsl	●	49 ⁵⁰	850	–	MTX-49/H8	–	MT-49/H8	M-49/H8	–
2008-07	V6/3.5L		●	49 ⁵⁰	850	–	MTX-49/H8	–	MT-49/H8	M-49/H8	–
2006-03	L5/2.7L	Dsl	●	49 ⁵⁰	850	–	MTX-49/H8	–	MT-49/H8	M-49/H8	–
Dodge • Sprinter 3500											
2009-07	V6/3.0L	Dsl	●	49 ⁵⁰	850	–	MTX-49/H8	–	MT-49/H8	M-49/H8	–
2008-07	V6/3.5L		●	49 ⁵⁰	850	–	MTX-49/H8	–	MT-49/H8	M-49/H8	–
2006-03	L5/2.7L	Dsl	●	49 ⁵⁰	850	–	MTX-49/H8	–	MT-49/H8	M-49/H8	–
Dodge • Stealth											
1996-94	V6/3.0L			25	520	–	–	–	MT-25	M-25	–
1993-92	V6/3.0L			24	490	MTZ-34 ¹	–	MTP-24	MT-24	M-24	MTP-75DT ^{1C}
Dodge • Stratus											
2006-03	V6/2.7L	Sedan		75	510	MTZ-75DT	–	MTP-75	MT-75	M-75HC	M-75
2006-01	V6/2.7L	Coupe		86	525	–	–	–	MT-86	–	–
2006-01	L4/2.4L	Coupe		86	525	–	–	–	MT-86	–	–
2006-02	L4/2.4L	Sedan		75	510	MTZ-75DT	–	MTP-75	MT-75	M-75HC	M-75
2005-01	V6/3.0L	Coupe		86	525	–	–	–	MT-86	–	–
2005-01	V6/3.0L	Sedan		75	510	MTZ-75DT	–	MTP-75	MT-75	M-75HC	M-75
2002	V6/2.7L	Sedan		86	510	–	–	–	MT-86	–	–
Dodge • SX 2.0											
2005-03	L4/2.0L			26R	450	–	–	–	MT-26R	–	–
Dodge • Viper											
2017-15	V10/8.4L			90 ⁵⁰	590	–	–	MTP-90/T5	–	–	–
2010-08	V10/8.4L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	–
2006-03	V10/8.3L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	–
2002-97	V10/8.0L			78	650	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
Eagle • Premier											
1992-90	V6/3.0L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Eagle • Summit											
1996-95	L4/2.4L	Wagon		24	490	MTZ-34 ¹	–	MTP-24	MT-24	M-24	MTP-75DT ^{1C}
1996-95	L4/2.4L			51	435	–	–	–	MT-51	–	–
1996-95	L4/1.8L	Wagon		25	355	–	–	–	MT-25	M-25	M-24
1996-95	L4/1.8L			51	435	–	–	–	MT-51	–	–
1996-95	L4/1.5L			51	435	–	–	–	MT-51	–	–
1994-92	L4/2.4L	Wagon, US		24	490	MTZ-34 ¹	–	MTP-24	MT-24	M-24	MTP-75DT ^{1C}
1994-92	L4/1.8L	Wagon, US		25	350	–	–	–	MT-25	M-25	M-24
1992-91	L4/1.5L	Ex Wagon		25	355	–	–	–	MT-25	M-25	M-24
1992-91	L4/1.5L	Opt		25	430	–	–	–	MT-25	M-25	M-24
1990	L4/1.6L	Can		25	420	–	–	–	MT-25	M-25	M-24
1990	L4/1.6L	US		51	435	–	–	–	MT-51	–	–
1990	L4/1.5L	US		25	355	–	–	–	MT-25	M-25	M-24
Eagle • Talon											
1994-93	L4/1.8L	Can, w/MT		86	430	–	–	MTP-86	MT-86	–	–
1993	L4/1.8L	US		86	430	–	–	MTP-86	MT-86	–	–
1994-93	L4/1.8L	Can, w/AT		86	525	–	–	MTP-86	MT-86	–	–
1998-95	L4/2.0L	MT		86	430	–	–	MTP-86	MT-86	–	–
1994-90	L4/2.0L	US		86	430	–	–	MTP-86	MT-86	–	–
1998-95	L4/2.0L	AT		86	525	–	–	MTP-86	MT-86	–	–

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Eagle • Talon (continued)											
1994-90	L4/2.0L	Can or Turbo		86	525	-	-	MTP-86	MT-86	-	-
1998	L4/2.0L	Turbo		86	525	-	-	MTP-86	MT-86	-	-
1997-95	L4/2.0L	Turbo,AT		86	525	-	-	MTP-86	MT-86	-	-
Eagle • Vista											
1991-90	L4/2.0L			25	420	-	-	-	MT-25	M-25	M-24
Ferrari • 360											
2005-02	V8/3.6L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
Ferrari • 458 Italia											
2015-10	V8/4.5L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
Ferrari • 458 Speciale											
2015	V8/4.5L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
Ferrari • 458 Spider											
2015-12	V8/4.5L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
Ferrari • 488 GTB											
2019-16	V8/3.9L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
Ferrari • 488 Spider											
2018-16	V8/3.9L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
Ferrari • 575 M Maranello											
2005	V12/5.7L			34R ⁵⁴	680	MTZ-34R	-	-	-	-	-
Ferrari • 599 GTB											
2009-07	V12/6.0L			34R ^{50,54}	800	MTZ-34R	-	-	-	-	-
Ferrari • 612 Scaglietti											
2010-05	V12/5.7L			34R ^{50,54}	850	MTZ-34R	-	-	-	-	-
Ferrari • California											
2014-09	V8/4.3L	w/o Start-Stop		34R ^{50,54,56}	850	MTZ-34R	-	-	-	-	-
2014-09	V8/4.3L	w/Start-Stop	●	49 ^{33,50,56}	-	MTX-49/H8	-	-	-	-	-
Ferrari • F430											
2009-06	V8/4.3L			34R ^{50,54}	760	MTZ-34R	-	-	-	-	-
Ferrari • Mondial t											
1990	V8/3.4L			34R	700	MTZ-34R	-	-	-	-	-
Ferrari • Superamerica											
2005	V12/5.7L			34R ⁵⁴	850	MTZ-34R	-	-	-	-	-
Ferrari • Testarossa											
1990	H12/4.9L			91 ⁴⁵	700	-	-	-	MT-91/T6	-	-
Fiat • 124 Spider											
2017	L4/1.4L			48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
Fiat • 500											
2019	L4/1.4L	Can		47	650	-	MTX-47/H5	-	MT-47/H5	-	-
2019	L4/1.4L	US		47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2019	Electric	Can		47	650	-	MTX-47/H5	-	MT-47/H5	-	-
2019	Electric	US		47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2018-16	L4/1.4L			47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2018-16	Electric			47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2015-13	Electric	Can		47	650	-	MTX-47/H5	-	MT-47/H5	-	-
2015-13	Electric	US		47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2015-12	L4/1.4L	Can		47	650	-	MTX-47/H5	-	MT-47/H5	-	-
2015-12	L4/1.4L	US		47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Fiat • 500L											
2017-14	L4/1.4L			47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Fiat • 500X											
2016	L4/2.4L			48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016	L4/1.4L			47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Ford • Aspire											
1997-94	L4/1.3L			35	460	-	MTX-35	MTP-35	MT-35	M-35HC	-
Ford • Bronco II											
1990	V6/2.9L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • Bronco Sport											
2021	L4/2.0L			48 ⁵⁹	700	-	-	-	-	-	-
2021	L3/1.5L			48 ⁵⁹	700	-	-	-	-	-	-
Ford • C-Max											
2018-13	L4/2.0L	Hybrid		67R ⁵⁰	390	-	-	MTP-67R	-	-	-
Ford • Contour											
2000-98	L4/2.0L			40R	590	-	-	-	MT-40R	-	-
Ford • Country Squire											
1991-90	V8/5.0L			58	540	-	-	-	MT-58	-	-
1991-90	V8/5.0L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Ford • Crown Victoria											
2011-09	V8/4.6L	Opt		65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2011-07	V8/4.6L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-98	V8/4.6L	US		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-92	V8/4.6L	Can or Opt		65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
Ford • E-150											
2014-07	V8/5.4L	Aux	●	65 ³¹	750	MTZ-65	MTX-65	–	–	–	–
2014-07	V8/4.6L	Aux	●	65 ³¹	750	MTZ-65	MTX-65	–	–	–	–
2014-03	V8/5.4L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2014-03	V8/4.6L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-03	V8/5.4L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2006-03	V8/4.6L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2003	V6/4.2L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2003	V6/4.2L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • E-150 Club Wagon											
2005-03	V8/5.4L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2005-03	V8/5.4L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2005-03	V8/4.6L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2003	V6/4.2L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • E-150 Econoline											
2002	V8/5.4L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V8/5.4L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V8/4.6L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2002	V8/4.6L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V6/4.2L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2002	V6/4.2L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • E-150 Econoline Club Wagon											
2002	V8/5.4L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2002	V8/5.4L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2002	V8/5.4L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V8/4.6L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2002	V8/4.6L	Opt	●	65	750	MTZ-65	MTX-65	–	–	–	–
2002	V8/4.6L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V6/4.2L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V6/4.2L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
Ford • E-250											
2014-07	V8/5.4L	Aux	●	65 ³¹	750	MTZ-65	MTX-65	–	–	–	–
2014-07	V8/4.6L	Aux	●	65 ³¹	750	MTZ-65	MTX-65	–	–	–	–
2014-03	V8/5.4L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2014-03	V8/4.6L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-03	V8/5.4L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2006-03	V8/4.6L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2003	V6/4.2L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2003	V6/4.2L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • E-250 Econoline											
2002	V8/5.4L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2002	V8/5.4L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V6/4.2L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2002	V6/4.2L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • E-350 Club Wagon											
2005-04	V8/6.0L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2005-03	V8/5.4L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2005-03	V8/5.4L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2005	V10/ 6.8L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2005	V10/ 6.8L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2003	V8/7.3L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	–	–	MTP-65HD
2003	V10/ 6.8L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
2003	V10/ 6.8L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • E-350 Econoline Club Wagon											
2002	V8/7.3L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	–	–	MTP-65HD
2002	V8/5.4L	Aux	●	65 ³¹	650	MTZ-65	MTX-65	–	–	M-65HC	–
2002	V8/5.4L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	–	–	MTP-65HD
2002	V8/5.4L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2002	V10/ 6.8L	Aux	●	65 ³¹	650	MTZ-65	MTX-65	–	–	M-65HC	–
2002	V10/ 6.8L	Primary Battery	●	65	750	MTZ-65	MTX-65	MTP-65	–	–	MTP-65HD
Ford • E-350 Super Duty											
2021	V8/7.3L	Aux	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2021	V8/7.3L	Primary Battery	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2019-17	V8/6.2L	Aux	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2019-17	V8/6.2L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2019-07	V10/ 6.8L	Aux	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2019-03	V10/ 6.8L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2016-09	V8/5.4L	Aux	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2016-09	V8/5.4L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Ford • E-350 Super Duty (continued)											
2010-04	V8/6.0L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2008-07	V8/5.4L		●	65 ²	650	MTZ-65	MTX-65	-	-	M-65HC	-
2006-02	V8/5.4L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	-	-	-	-
2006-02	V8/5.4L	Primary Battery	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-02	V10/6.8L	Aux	●	65 ³¹	625	MTZ-65	MTX-65	-	-	-	-
2003-02	V8/7.3L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2002	V8/5.4L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2002	V10/6.8L	Primary Battery	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
Ford • EcoSport											
2021-18	L4/2.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2021-18	L3/1.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
Ford • Edge											
2020	V6/2.7L			48	760	-	MTX-48/H6	-	-	-	-
2020	L4/2.0L			48	760	-	MTX-48/H6	-	-	-	-
2019	V6/2.7L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2019	L4/2.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2018-15	V6/3.5L			90	590	-	-	MTP-90/T5	-	-	-
2018-15	V6/2.7L			90	590	-	-	MTP-90/T5	-	-	-
2018-15	L4/2.0L	w/o Start-Stop		90	590	-	-	MTP-90/T5	-	-	-
2018-15	L4/2.0L	w/Start-Stop	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2014-12	L4/2.0L	w/Power Code Remote Start		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2014-12	L4/2.0L	w/o Power Code Remote Start		59	540	-	-	MT-59	-	-	-
2014-11	V6/3.7L	w/Power Code Remote Start		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2014-11	V6/3.7L	w/o Power Code Remote Start		59	540	-	-	MT-59	-	-	-
2014-11	V6/3.5L	w/Power Code Remote Start		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2014-11	V6/3.5L	w/o Power Code Remote Start		59	540	-	-	MT-59	-	-	-
2010	V6/3.5L			36R	650	-	-	MT-36R	-	-	-
2009	V6/3.5L			36R	540	-	-	MT-36R	-	-	-
2009	V6/3.5L	Opt		36R	600	-	-	MT-36R	-	-	-
2008	V6/3.5L			36R	600	-	-	MT-36R	-	-	-
2007	V6/3.5L			36R	580	-	-	MT-36R	-	-	-
Ford • Escape											
2020	L4/2.5L	Hybrid		99R	470	-	-	MTP-14	-	-	-
2020	L4/2.0L			48 ⁵⁹	700	-	-	-	-	-	-
2020	L3/1.5L			48 ⁵⁹	700	-	-	-	-	-	-
2019	L4/2.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2019	L4/1.5L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2019-15	L4/2.5L			96R	590	-	-	MTP-96R	-	-	-
2018-17	L4/2.0L	w/o Start-Stop/Intelligent Access		96R	590	-	-	MTP-96R	-	-	-
2018-17	L4/2.0L	w/Start-Stop	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2018-17	L4/1.5L	w/o Start-Stop/Intelligent Access		96R	590	-	-	MTP-96R	-	-	-
2018-17	L4/1.5L	w/Start-Stop	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2016-15	L4/2.0L			96R	590	-	-	MTP-96R	-	-	-
2016-15	L4/1.6L			96R	590	-	-	MTP-96R	-	-	-
2014-13	L4/2.5L			96R	500	-	-	MTP-96R	-	-	-
2014-13	L4/2.5L	Opt		96R	590	-	-	MTP-96R	-	-	-
2014-13	L4/2.0L	Opt		96R	500	-	-	MTP-96R	-	-	-
2014-13	L4/2.0L	Opt		96R	590	-	-	MTP-96R	-	-	-
2014-13	L4/1.6L	Opt		96R	500	-	-	MTP-96R	-	-	-
2014-13	L4/1.6L	Opt		96R	590	-	-	MTP-96R	-	-	-
2012-11	V6/3.0L			96R	590	-	-	MTP-96R	-	-	-
2012-11	L4/2.5L	Gas		96R	590	-	-	MTP-96R	-	-	-
2012-09	L4/2.5L	Hybrid		96R	500	-	-	MTP-96R	-	-	-
2010	V6/3.0L			40R	650	-	-	-	MT-40R	-	-
2010	V6/3.0L	Opt		96R	590	-	-	MTP-96R	-	-	-
2010	L4/2.5L	Gas		40R	650	-	-	-	MT-40R	-	-
2010	L4/2.5L	Gas, Opt		96R	590	-	-	MTP-96R	-	-	-
2009	L4/2.5L	Gas		40R	590	-	-	-	MT-40R	-	-
2009-02	V6/3.0L			40R	590	-	-	-	MT-40R	-	-
2008-05	L4/2.3L	Gas		40R	590	-	-	-	MT-40R	-	-
2008-05	L4/2.3L	Hybrid		96R	500	-	-	MTP-96R	-	-	-
2004-02	L4/2.0L			96R	500	-	-	MTP-96R	-	-	-
Ford • Escort											
2003-98	L4/2.0L			58	500	-	-	-	MT-58	M-58HC	-
1996-95	L4/1.8L			35	540	-	MTX-35	MTP-35	MT-35	M-35HC	-
1997	L4/2.0L	TC		58	540	-	-	-	MT-58	-	-
Ford • E-Series Vans											
2001-99	V8/5.4L	Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2001-99	V10/6.8L	Aux Battery		65 ³¹	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2001-99	V10/6.8L	Primary Battery		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2001-97	V8/7.3L	Dsl		65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2001-97	V8/4.6L	Aux Battery		65 ³¹	625	MTZ-65	MTX-65	-	-	-	-
2001-97	V8/4.6L	Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2001-97	V6/4.2L	Aux Battery		65 ³¹	625	MTZ-65	MTX-65	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Ford • E-Series Vans (continued)											
2001-97	V6/4.2L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2001-97	V6/4.2L	Opt		65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2001-00	V8/5.4L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1999	V10/6.8L	Primary Battery		65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
1999-98	V8/5.4L	Aux Battery		65 ³¹	625	MTZ-65	MTX-65	–	–	–	–
1999-98	V8/5.4L	Primary Battery		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1996-95	V8/5.0L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1996-95	V8/5.0L	Primary Battery		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1996-95	V8/5.0L			65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	–	–	–
1996-95	V8/5.0L	Primary Battery		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	–	–	–
1994-92	V8/5.0L	Primary Battery		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1994-92	V8/5.0L	Opt		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	–	–	–
1991-90	V8/7.5L	Aux Battery		24F	350	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
1991-90	V8/7.5L	Gas		64	535	–	–	–	MT-56	–	–
1991-90	V8/7.3L	Dsl		27 ²	700	MTZ-34 ¹	–	–	MT-27	M-27	–
1991-90	V8/5.8L	Aux Battery		24F	350	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
1991-90	V8/5.8L	Gas		64	535	–	–	–	MT-56	–	–
1991-90	V8/5.0L	Aux Battery		24F	350	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
1991-90	V8/5.0L	Gas		64	535	–	–	–	MT-56	–	–
1991-90	L6/4.9L	Aux Battery		24F	350	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
1991-90	L6/4.9L	Gas		64	535	–	–	–	MT-56	–	–
Ford • Excursion											
2005-03	V8/6.0L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2005-00	V8/5.4L		●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2005-00	V10/ 6.8L		●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2005-00	V8/7.3L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
Ford • Expedition											
2020-18	V6/3.5L		●	94R ³³	800	–	MTX-94R/H7	–	–	–	–
2017-16	V6/3.5L	w/Intelligent Access	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2017-16	V6/3.5L	w/o Intelligent Access	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2015	V6/3.5L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2015	V6/3.5L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2014-07	V8/5.4L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2014-97	V8/5.4L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2004-97	V8/4.6L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • Explorer											
2020	V6/3.3L	Hybrid	●	48 ³³	760	–	MTX-48/H6	–	–	–	–
2020	V6/3.0L		●	48 ³³	760	–	MTX-48/H6	–	–	–	–
2020	L4/2.3L		●	48 ³³	760	–	MTX-48/H6	–	–	–	–
2019-16	L4/2.3L	w/Intelligent Access	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2019-16	L4/2.3L	w/o Intelligent Access	●	59	540	–	–	–	MT-59	–	–
2019-15	V6/3.5L	w/Intelligent Access	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2019-15	V6/3.5L	w/o Intelligent Access	●	59	540	–	–	–	MT-59	–	–
2017	V6/3.5L	PPkg	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2015-14	V6/3.5L	PPkg	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2015	L4/2.0L	w/Intelligent Access	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2015	L4/2.0L	w/o Intelligent Access	●	59	540	–	–	–	MT-59	–	–
2014	V6/3.5L	w/Power Code Remote Start	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2014	V6/3.5L	w/o Power Code Remote Start	●	59	540	–	–	–	MT-59	–	–
2014	L4/2.0L	w/Power Code Remote Start	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2014	L4/2.0L	w/o Power Code Remote Start	●	59	540	–	–	–	MT-59	–	–
2013-12	L4/2.0L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2013-11	V6/3.5L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2010-02	V8/4.6L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2010-02	V6/4.0L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006	V8/4.6L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2006	V6/4.0L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	–	M-65HC	MTP-65HD
2001-96	V8/5.0L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • Explorer Sport											
2003-02	V6/4.0L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • Explorer Sport Trac											
2010-07	V8/4.6L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2010-07	V6/4.0L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2005-02	V6/4.0L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2001	V6/4.0L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • F-150											
2020-18	V8/5.0L	Ex King Ranch, Lariat, Platinum	●	48 ³³	760	–	MTX-48/H6	–	–	–	–
2020-18	V8/5.0L	King Ranch, Lariat, Platinum	●	94R ³³	800	–	MTX-94R/H7	–	–	–	–
2020-18	V6/3.5L	Ex King Ranch, Lariat, Platinum	●	48 ³³	760	–	MTX-48/H6	–	–	–	–
2020-18	V6/3.5L	King Ranch, Lariat, Platinum	●	94R ³³	800	–	MTX-94R/H7	–	–	–	–
2020-18	V6/3.3L	Ex King Ranch, Lariat, Platinum	●	48 ³³	760	–	MTX-48/H6	–	–	–	–
2020-18	V6/3.3L	King Ranch, Lariat, Platinum	●	94R ³³	800	–	MTX-94R/H7	–	–	–	–
2020-18	V6/3.0L	Dsl	●	49 ³³	850	–	MTX-49/H8	–	–	–	–

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Ford • F-150 (continued)											
2020-15	V6/2.7L	Ex King Ranch, Lariat, Platinum	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2020-15	V6/2.7L	King Ranch, Lariat, Platinum	●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2017-15	V8/5.0L	Ex King Ranch, Lariat, Platinum	●	48	610	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2017-15	V8/5.0L	King Ranch, Lariat, Platinum	●	94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2017-15	V6/3.5L	Ex King Ranch, Lariat, Platinum	●	48	610	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2017-15	V6/3.5L	King Ranch, Lariat, Platinum	●	94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2014-11	V8/5.0L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2014-11	V6/3.7L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2014-11	V6/3.5L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2014-10	V8/6.2L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2010-07	V8/5.4L			59	540	-	-	-	MT-59	-	-
2010-07	V8/5.4L	Opt	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2010-07	V8/4.6L			59	540	-	-	-	MT-59	-	-
2010-07	V8/4.6L	Opt	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2008-07	V6/4.2L			59	540	-	-	-	MT-59	-	-
2008-07	V6/4.2L	Opt	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-04	V6/4.2L	US		59	540	-	-	-	MT-59	-	-
2006-05	V6/4.2L	Can or Opt	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-97	V8/5.4L	US		59	540	-	-	-	MT-59	-	-
2006-97	V8/5.4L	Can or Opt	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-97	V8/4.6L	US		59	540	-	-	-	MT-59	-	-
2006-02	V8/4.6L	Can or Opt	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2003-97	V6/4.2L	US		59	540	-	-	-	MT-59	-	-
2003-97	V6/4.2L	Can or Opt	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • F-150 Heritage											
2004	V8/5.4L	US		59	540	-	-	-	MT-59	-	-
2004	V8/5.4L	Can or Opt	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2004	V8/4.6L	US		59	540	-	-	-	MT-59	-	-
2004	V8/4.6L	Can or Opt	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2004	V6/4.2L	US		59	540	-	-	-	MT-59	-	-
2004	V6/4.2L	Can or Opt	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • F-250 Super Duty											
2020	V8/7.3L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2020-17	V8/6.2L	Ex XL	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2020-17	V8/6.2L	XL	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2020-11	V8/6.7L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2016-11	V8/6.2L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2016-11	V8/6.2L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2010-08	V8/6.4L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2010-02	V8/5.4L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2010-02	V8/5.4L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2010-02	V10/ 6.8L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2010-02	V10/ 6.8L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2007	V8/6.0L	Dsl	●	65 ²	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-03	V8/6.0L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2003-02	V8/7.3L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
Ford • F-350 Super Duty											
2020	V8/7.3L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2020-17	V8/6.2L	Ex XL	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2020-17	V8/6.2L	XL	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2020-11	V8/6.7L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2016-11	V8/6.2L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2016-11	V8/6.2L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2010-08	V8/6.4L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2010-02	V8/5.4L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2010-02	V8/5.4L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2010-02	V10/ 6.8L		●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2010-02	V10/ 6.8L	Opt	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2007	V8/6.0L	Dsl	●	65 ²	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-03	V8/6.0L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2003-02	V8/7.3L	Dsl	●	65 ²	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
Ford • Fiesta											
2019-11	L4/1.6L			96R	500	-	-	MTP-96R	-	-	-
2017-14	L4/1.6L	Opt		96R	590	-	-	MTP-96R	-	-	-
2017-14	L3/1.0L			96R	500	-	-	MTP-96R	-	-	-
2017-14	L3/1.0L	Opt		96R	590	-	-	MTP-96R	-	-	-
Ford • Five Hundred											
2007-05	V6/3.0L			36R	540	-	-	-	MT-36R	-	-
2006-05	V6/3.0L	Opt		36R	600	-	-	-	MT-36R	-	-
Ford • Flex											
2019-10	V6/3.5L	Ex EcoBoost	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2019-10	V6/3.5L	w/EcoBoost	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2009	V6/3.5L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Ford • Focus											
2018-16	L4/2.3L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2018-15	L4/2.0L	AT		96R	590	-	-	MTP-96R	-	-	-
2018-15	L4/2.0L	MT		96R	500	-	-	MTP-96R	-	-	-
2018-15	L3/1.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2018-12	Electric			67R	390	-	-	MTP-67R	-	-	-
2014-13	L4/2.0L	Ex EcoBoost		96R	500	-	-	MTP-96R	-	-	-
2014-13	L4/2.0L	w/EcoBoost		96R	590	-	-	MTP-96R	-	-	-
2012	L4/2.0L	AT		96R	590	-	-	MTP-96R	-	-	-
2012	L4/2.0L	MT		96R	500	-	-	MTP-96R	-	-	-
2011-05	L4/2.0L			96R	500	-	-	MTP-96R	-	-	-
2007-05	L4/2.3L	w/Immersion Heater or Premium Radio		40R	590	-	-	-	MT-40R	-	-
2007-05	L4/2.0L	w/Immersion Heater or Premium Radio		40R	590	-	-	-	MT-40R	-	-
2007-03	L4/2.3L			96R	500	-	-	MTP-96R	-	-	-
2004-03	L4/2.0L	Zetec		96R	500	-	-	MTP-96R	-	-	-
2004-03	L4/2.0L	Ex Zetec		40R	590	-	-	-	MT-40R	-	-
2002	L4/2.0L	Zetec		40R	590	-	-	-	MT-40R	-	-
2002	L4/2.0L	Ex Zetec		96R	500	-	-	MTP-96R	-	-	-
Ford • Freestar											
2007-04	V6/4.2L			59	540	-	-	-	MT-59	-	-
2007-04	V6/4.2L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2007-04	V6/3.9L			59	540	-	-	-	MT-59	-	-
2007-04	V6/3.9L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • Freestyle											
2007-05	V6/3.0L			36R	540	-	-	-	MT-36R	-	-
2006-05	V6/3.0L	Opt		36R	600	-	-	-	MT-36R	-	-
Ford • Fusion											
2017	L4/2.0L	Gas		90	590	-	-	MTP-90/T5	-	-	-
2017	L4/1.5L	w/Start-Stop	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2020-18	L4/2.5L			90	590	-	-	MTP-90/T5	-	-	-
2020-18	L4/2.0L	Gas w/Intelligent Access		90	590	-	-	MTP-90/T5	-	-	-
2020-18	L4/2.0L	Gas w/Start-Stop	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2020-18	L4/2.0L	Hybrid		90	590	-	-	MTP-90/T5	-	-	-
2020-18	L4/1.5L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2019-17	V6/2.7L			90	590	-	-	MTP-90/T5	-	-	-
2017-16	L4/2.0L	Hybrid		99R ⁵⁰	390	-	-	MTP-T4	-	-	-
2017-14	L4/2.5L	w/Intelligent Access		90	590	-	-	MTP-90/T5	-	-	-
2017-14	L4/2.5L	w/o Intelligent Access		90	500	-	-	MTP-90/T5	-	-	-
2017-14	L4/1.5L	w/Intelligent Access		90	590	-	-	MTP-90/T5	-	-	-
2017-14	L4/1.5L	w/o Intelligent Access		90	500	-	-	MTP-90/T5	-	-	-
2016	L4/2.0L	w/Intelligent Access		90	590	-	-	MTP-90/T5	-	-	-
2016	L4/2.0L	w/o Intelligent Access		90	500	-	-	MTP-90/T5	-	-	-
2016-15	L4/2.5L	Start-Stop	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2016-15	L4/2.0L	Start-Stop	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2016-14	L4/1.5L	Start-Stop	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2015-14	L4/2.0L	Gas		90	590	-	-	MTP-90/T5	-	-	-
2015-13	L4/2.0L	Hybrid		67R ⁵⁰	390	-	-	MTP-67R	-	-	-
2014-13	L4/1.6L	Start-Stop	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2014	L4/1.6L	w/Intelligent Access		90	590	-	-	MTP-90/T5	-	-	-
2014	L4/1.6L	w/o Intelligent Access		90	500	-	-	MTP-90/T5	-	-	-
2013	L4/2.5L	w/Power Code Remote Start		90	590	-	-	MTP-90/T5	-	-	-
2013	L4/2.5L	w/o Power Code Remote Start		90	500	-	-	MTP-90/T5	-	-	-
2013	L4/2.0L	Gas		90	500	-	-	MTP-90/T5	-	-	-
2013	L4/2.0L	Gas, Opt		90	590	-	-	MTP-90/T5	-	-	-
2013	L4/1.6L	w/Power Code Remote Start		90	590	-	-	MTP-90/T5	-	-	-
2013	L4/1.6L	w/o Power Code Remote Start		90	500	-	-	MTP-90/T5	-	-	-
2012-10	V6/3.5L			96R	500	-	-	MTP-96R	-	-	-
2012-10	L4/2.5L	Gas		96R	500	-	-	MTP-96R	-	-	-
2012-10	L4/2.5L	Hybrid		67R	390	-	-	MTP-67R	-	-	-
2012-07	V6/3.0L			96R	500	-	-	MTP-96R	-	-	-
2009-07	L4/2.3L			96R	500	-	-	MTP-96R	-	-	-
2006	V6/3.0L			40R	590	-	-	-	MT-40R	-	-
2006	L4/2.3L			40R	590	-	-	-	MT-40R	-	-
Ford • LTD Crown Victoria											
1991-90	V8/5.8L			58	540	-	-	-	MT-58	-	-
1991-90	V8/5.8L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1991-90	V8/5.8L	w/HWS or PPKg		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-
1991-90	V8/5.0L			58	540	-	-	-	MT-58	-	-
1991-90	V8/5.0L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1991-90	V8/5.0L	w/HWS or PPKg		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-
Ford • Mustang											
2020-17	V8/5.2L			99R	390	-	-	MTP-T4	-	-	-
2020-15	V8/5.0L			96R	590	-	-	MTP-96R	-	-	-
2020-15	L4/2.3L			96R	590	-	-	MTP-96R	-	-	-
2017-11	V6/3.7L			96R	590	-	-	MTP-96R	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Ford • Mustang (continued)											
2016-15	V8/5.2L			67R	390	-	-	MTP-67R	-	-	-
2016-15	V8/5.2L	Cold Climate		96R	590	-	-	MTP-96R	-	-	-
2014-13	V8/5.8L			96R	590	-	-	MTP-96R	-	-	-
2014-12	V8/5.0L	BOSS		96R	500	-	-	MTP-96R	-	-	-
2014-12	V8/5.0L	Ex BOSS		96R	590	-	-	MTP-96R	-	-	-
2012-10	V8/5.4L			96R	590	-	-	MTP-96R	-	-	-
2011	V8/5.0L			96R	590	-	-	MTP-96R	-	-	-
2010-08	V8/4.6L			96R	500	-	-	MTP-96R	-	-	-
2010-05	V6/4.0L			96R	500	-	-	MTP-96R	-	-	-
2009-08	V8/4.6L	w/High Electrical Content		40R	590	-	-	-	MT-40R	-	-
2009-08	V6/4.0L	w/High Electrical Content		40R	590	-	-	-	MT-40R	-	-
2009-07	V8/5.4L			40R	590	-	-	-	MT-40R	-	-
2007	V8/4.6L			40R	590	-	-	-	MT-40R	-	-
2006-05	V8/4.6L			96R	500	-	-	MTP-96R	-	-	-
2006-05	V8/4.6L	Opt		40R	590	-	-	-	MT-40R	-	-
2006-05	V6/4.0L	Opt		40R	590	-	-	-	MT-40R	-	-
2004-02	V8/4.6L			59	540	-	-	-	MT-59	-	-
2004-02	V6/3.8L			59	540	-	-	-	MT-59	-	-
2004	V6/3.9L			59	540	-	-	-	MT-59	-	-
2006-05	V8/5.4L			59	540	-	-	-	MT-59	-	-
1996	V8/4.6L	Early		58	540	-	-	-	MT-58	-	-
1996	V8/4.6L	Late		59	540	-	-	-	MT-59	-	-
1996	V6/3.8L	Early		58	540	-	-	-	MT-58	-	-
1996	V6/3.8L	Late		59	540	-	-	-	MT-59	-	-
1995-94	V6/3.8L			58	540	-	-	-	MT-58	-	-
Ford • Police Interceptor Sedan											
2019-15	V6/3.7L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2019-15	V6/3.5L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2014-13	V6/3.7L			59	540	-	-	-	MT-59	-	-
2014-13	V6/3.5L	Ex EcoBoost		59	540	-	-	-	MT-59	-	-
2014-13	V6/3.5L	w/EcoBoost	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • Police Interceptor Utility											
2020	V6/3.3L	Gas		94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020	V6/3.3L	Gas/Hybrid Opt	●	49 ³³	850	-	MTX-49/H8	-	-	-	-
2020	V6/3.3L	Hybrid	●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2020	V6/3.0L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020	V6/3.0L	Opt	●	49 ³³	850	-	MTX-49/H8	-	-	-	-
2019-15	V6/3.7L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2019-15	V6/3.5L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2014	V6/3.5L	Ex EcoBoost		59	540	-	-	-	MT-59	-	-
2014	V6/3.5L	w/EcoBoost	●	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2014-13	V6/3.7L			59	540	-	-	-	MT-59	-	-
Ford • Ranger											
2020-19	L4/2.3L		●	48 ³³	610	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-19	L4/2.3L	Opt	●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2011-97	V6/4.0L			59	540	-	-	-	MT-59	-	-
2011-01	L4/2.3L			59	540	-	-	-	MT-59	-	-
2008-97	V6/3.0L			59	540	-	-	-	MT-59	-	-
Ford • Special Service Police Sedan											
2018-14	L4/2.0L		●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
Ford • Taurus											
2019-16	V6/3.5L	Duratec w/Intelligent Access		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2019-16	V6/3.5L	Duratec w/o Intelligent Access		59	540	-	-	-	MT-59	-	-
2019-16	V6/3.5L	EcoBoost		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2017-15	L4/2.0L	w/Intelligent Access		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2017-15	L4/2.0L	w/o Intelligent Access		59	540	-	-	-	MT-59	-	-
2015	V6/3.5L	w/Intelligent Access, SHO		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2015	V6/3.5L	w/o Intelligent Access, Ex SHO		59	540	-	-	-	MT-59	-	-
2014-13	V6/3.5L	PPkg	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2014-13	L4/2.0L			59	540	-	-	-	MT-59	-	-
2014-10	V6/3.5L	SHO		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2014-10	V6/3.5L	Ex SHO		59	540	-	-	-	MT-59	-	-
2009-08	V6/3.5L			59	540	-	-	-	MT-59	-	-
2007-06	V6/3.0L			36R	540	-	-	-	MT-36R	-	-
2006	V6/3.0L	Opt		36R	600	-	-	-	MT-36R	-	-
2005	V6/3.0L	OHV		36R	600	-	-	-	MT-36R	-	-
2005-02	V6/3.0L	DOHC, Opt & Can		36R	600	-	-	-	MT-36R	-	-
2004-02	V6/3.0L	OHV		36R	540	-	-	-	MT-36R	-	-
2004-02	V6/3.0L	OHV, Opt		36R	600	-	-	-	MT-36R	-	-
Ford • Taurus, Taurus X											
2009-08	V6/3.5L			59	540	-	-	-	MT-59	-	-
1999-96	V6/3.0L	DOHC or HD		36R	650	-	-	-	MT-36R	-	-
1991-90	V6/3.8L	HD, w/HWS or PPkg		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Ford • Taurus, Taurus X (continued)											
1990	V6/3.8L			65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-
1990	V6/3.0L	Ex SHO		58	540	-	-	-	MT-58	-	-
1990	L4/2.5L	AT		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • Tempo											
1994	L4/2.3L			58	540	-	-	-	MT-58	-	-
1994-92	V6/3.0L			58	460	-	-	-	MT-58	M-58	-
1994-92	V6/3.0L	Opt		58	540	-	-	-	MT-58	-	-
Ford • Thunderbird											
2005-02	V8/3.9L			66 ⁵⁰	650	-	-	-	MT-66	-	-
1997-94	V8/4.6L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1996	V6/3.8L	Early		58	540	-	-	-	MT-58	-	-
1996	V6/3.8L	Late		59	540	-	-	-	MT-59	-	-
1992-91	V6/3.8L	Naturally Aspirated		58	460	-	-	-	MT-58	M-58	-
1992-91	V6/3.8L	HD, Ex S/C		58	540	-	-	-	MT-58	-	-
1992-91	V6/3.8L	S/C, Can, Cold Climate Pkg		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1992-91	V6/3.8L	S/C, HD		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1990	V6/3.8L	US		58	460	-	-	-	MT-58	M-58	-
1990	V6/3.8L	US, HD, Ex S/C		58	540	-	-	-	MT-58	-	-
1990	V6/3.8L	S/C		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Ford • Transit Connect											
2020-14	L4/2.5L			40R	590	-	-	-	MT-40R	-	-
2016-14	L4/1.6L			40R	590	-	-	-	MT-40R	-	-
2013-10	L4/2.0L			96R	590	-	-	MTP-96R	-	-	-
2012	Electric			96R	500	-	-	MTP-96R	-	-	-
Ford • Transit-150											
2020-15	V6/3.5L			48 ⁵⁰	610	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2019-15	V6/3.7L			48 ⁵⁰	610	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2019-15	L5/3.2L	Dsl	●	48 ^{2,33,50}	760	-	MTX-48/H6	-	-	-	-
Ford • Transit-250											
2020-15	V6/3.5L			48 ⁵⁰	610	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2019-15	V6/3.7L			48 ⁵⁰	610	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2019-15	L5/3.2L	Dsl	●	48 ^{2,33,50}	760	-	MTX-48/H6	-	-	-	-
Ford • Transit-350											
2020-15	V6/3.5L			48 ⁵⁰	610	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2020	L4/2.0L	Dsl	●	48 ^{2,33,50}	760	-	MTX-48/H6	-	-	-	-
2019-15	V6/3.7L			48 ⁵⁰	610	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2019-15	L5/3.2L	Dsl	●	48 ^{2,33,50}	760	-	MTX-48/H6	-	-	-	-
Ford • Transit-350 HD											
2019-15	V6/3.7L		●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2019-15	V6/3.5L		●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2019-15	L5/3.2L	Dsl	●	48 ^{2,33,50}	760	-	MTX-48/H6	-	-	-	-
Ford • Windstar											
2003-95	V6/3.8L		○	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2003-97	V6/3.8L	w/TPkg, Engine Heater or Can	●	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2000-97	V6/3.0L			59	540	-	-	-	MT-59	-	-
Freightliner • Sprinter 1500											
2019	L4/2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Freightliner • Sprinter 2500											
2019	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2019	L4/2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-15	V6/3.0L	Dsl		48 ⁵⁰	680	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2018-15	V6/3.0L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2018-15	V6/3.0L	Dsl, Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2018-15	V6/3.0L	Dsl, Opt		49 ⁵⁰	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2018-15	V6/3.0L	Dsl, Opt	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2017-15	L4/2.1L	Dsl		48 ⁵⁰	680	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2017-15	L4/2.1L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2017-15	L4/2.1L	Dsl, Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2017-15	L4/2.1L	Dsl, Opt		49 ⁵⁰	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2017-15	L4/2.1L	Dsl, Opt	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2014	L4/2.1L	Dsl		49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2014-07	V6/3.0L	Dsl		49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2008-07	V6/3.5L			49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2006-02	L5/2.7L	Dsl		49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Freightliner • Sprinter 3500											
2019	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-15	V6/3.0L	Dsl		48 ⁵⁰	680	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2018-15	V6/3.0L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2018-15	V6/3.0L	Dsl, Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2018-15	V6/3.0L	Dsl, Opt		49 ⁵⁰	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2018-15	V6/3.0L	Dsl, Opt	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2017-15	L4/2.1L	Dsl		48 ⁵⁰	680	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Freightliner • Sprinter 3500 (continued)											
2017-15	L4/2.1L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2017-15	L4/2.1L	Dsl, Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2017-15	L4/2.1L	Dsl, Opt	●	49 ⁵⁰	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2017-15	L4/2.1L	Dsl, Opt	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2014	L4/2.1L	Dsl		49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2014-07	V6/3.0L	Dsl		49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2008-07	V6/3.5L			49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2006-02	L5/2.7L	Dsl		49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Genesis • G80											
2019-18	V6/3.3L		●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
2019-17	V8/5.0L		●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
2019-17	V6/3.8L		●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
Genesis • G90											
2019-17	V8/5.0L		●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
2019-17	V6/3.3L		●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
Geo • Metro											
1994	L4/1.3L			26	390	-	-	-	MT-26	-	MTP-75DT
1994	L3/1.0L			26	390	-	-	-	MT-26	-	MTP-75DT ^{1C}
1993-92	L4/1.3L			26	440	-	-	-	MT-26	-	MTP-75DT
Geo • Storm											
1993-92	L4/1.8L			35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
GMC • Acadia											
2020	V6/3.6L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2020	L4/2.5L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2020	L4/2.0L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2019-18	V6/3.6L	w/o Start-Stop	●	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2019-18	L4/2.5L	w/Start-Stop	●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2019-17	V6/3.6L	w/Start-Stop	●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2019-17	L4/2.5L	w/o Start-Stop	●	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2017	V6/3.6L	w/o Start-Stop	●	48	660	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2017	L4/2.5L	w/Start-Stop	●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2016-10	V6/3.6L		●	48 ⁵⁰	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2009-07	V6/3.6L		●	48 ⁵⁰	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
GMC • Acadia Limited											
2017	V6/3.6L		●	48 ⁵⁰	660	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
GMC • C/K, R/V Pickups, Jimmy, Suburban											
2000-99	V8/7.4L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2000-99	V8/6.5L	Dsl & Opt		78 ²	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2000-99	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999	V8/7.4L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999	V8/6.5L	Dsl, HD		78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1999	V8/6.5L	Dsl & Opt		78 ²	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999	V8/5.0L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1998-94	V6/4.3L	Opt		75	690	MTZ-75DT	-	MTP-75	-	-	-
1998-94	V6/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996-94	V8/6.5L	Dsl		78 ²	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1995-94	V6/4.3L	Opt		75	690	MTZ-75DT	-	MTP-75	-	-	-
1995-94	V6/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1993-92	V8/6.5L	Dsl		75 ²	570	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1993-92	V8/6.2L	Dsl		75 ²	570	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1993-92	V6/4.3L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1993	V8/7.4L	Aux Battery		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1993	V6/4.3L	Aux Battery		75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1992-91	V8/7.4L	Primary Battery		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1992-91	V6/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1991-90	V8/7.4L	Aux Battery		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1991-90	V8/7.4L	Primary Battery		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1991-90	V8/6.2L	Dsl		78 ²	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1990	V8/6.2L	Dsl		75 ²	570	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V8/5.7L	Primary Battery		75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V8/5.7L	Aux Battery		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1990	V8/5.7L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V8/5.0L	Primary Battery		75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V8/5.0L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V6/4.3L	Primary Battery		75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V6/4.3L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
GMC • Canyon											
2020-18	V6/3.6L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2020-18	L4/2.8L	Dsl	●	49 ³³	850	-	MTX-49/H8	-	-	-	-
2020-18	L4/2.5L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2017	V6/3.6L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2017	L4/2.8L	Dsl	●	49 ³³	850	-	MTX-49/H8	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
GMC • Canyon (continued)											
2017	L4/2.5L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2016-15	V6/3.6L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2016-15	L4/2.5L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2016	L4/2.8L	Dsl	●	49 ³³	850	-	MTX-49/H8	-	-	-	-
2012-10	V8/5.3L			86 ⁴⁰	590	-	-	MTP-86	-	-	-
2012-08	L5/3.7L			86 ⁴⁰	590	-	-	MTP-86	-	-	-
2012-08	L4/2.9L			86 ⁴⁰	590	-	-	MTP-86	-	-	-
2009	V8/5.3L			86 ⁴⁰	590	-	-	MTP-86	-	-	-
2007	L5/3.7L			86 ^{11,40}	590	-	-	MTP-86	-	-	-
2007	L4/2.9L			86 ^{11,40}	640	-	-	MTP-86	-	-	-
2006-04	L5/3.5L			86 ^{11,40}	590	-	-	MTP-86	-	-	-
2006-04	L4/2.8L			86 ^{11,40}	640	-	-	MTP-86	-	-	-
GMC • Envoy											
2009-05	V8/5.3L		○	78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2009-02	L6/4.2L		○	78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
GMC • Envoy XL											
2006-03	V8/5.3L		○	78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2006-02	L6/4.2L		○	78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
GMC • Envoy XUV											
2005-04	V8/5.3L		○	78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2005-04	L6/4.2L		○	78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
GMC • G-Series Vans (1500, 2500, 3500)											
1996-94	V8/7.4L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996-94	V8/6.5L	Dsl		78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996-94	V8/5.7L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1995-94	V8/6.5L	Dsl		78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1995-94	V8/5.7L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1995-94	V8/5.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1995-94	V6/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V8/5.7L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V8/5.0L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
GMC • Jimmy											
2005-02	V6/4.3L	Opt		75	690	MTZ-75DT	-	MTP-75	-	-	-
2005	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2004	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2003-02	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
GMC • P-Series Vans (3500, 4500)											
1996-94	V8/5.7L	Opt		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996-94	V6/4.3L	Opt		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1991-90	L4/3.9L			75	500	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
GMC • Safari											
2005-04	V6/4.3L	Opt, w/SEO		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2005-94	V6/4.3L	Primary Battery		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2003-02	V6/4.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2003-02	V6/4.3L	Opt		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1993-91	V6/4.3L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	L4/2.5L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	L4/2.5L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
GMC • Savana 1500											
2014-10	V8/5.3L	Opt	○	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2014-10	V6/4.3L	Opt	○	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2014-08	V6/4.3L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2014-03	V8/5.3L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2007-06	V6/4.3L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-04	V6/4.3L	Opt, w/SEO		79	800	-	-	-	MT-79	-	-
2005-04	V6/4.3L	Primary Battery	○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-03	V8/5.3L	Opt		79	800	-	-	-	MT-79	-	-
2003	V6/4.3L	Opt		79	800	-	-	-	MT-79	-	-
2003-02	V6/4.3L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.7L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.7L	Opt	○	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.0L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.0L	Opt	○	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V6/4.3L	Opt	○	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2001-99	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-99	V8/5.0L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-99	V6/4.3L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
GMC • Savana 2500											
2020-18	V8/6.0L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2020-18	V6/4.3L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2020-17	L4/2.8L	Dsl	○	78 ²	770	MTZ-78	-	MTP-78	-	-	MTP-78DT

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate

GMC • Savana 2500 (continued)

2017	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2017	V8/6.0L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2017	V8/4.8L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2017	V8/4.8L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2016-10	V8/6.0L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2016-10	V8/4.8L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2016-07	V8/6.6L	Dsl	●	78 ²	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2016-03	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2016-03	V8/4.8L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2006	V8/6.6L	Dsl		79 ²	800	-	-	-	MT-79	-	-
2005	V6/4.3L	Opt, w/SEO		79	800	-	-	-	MT-79	-	-
2005	V6/4.3L	Primary Battery	●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-03	V8/6.0L	Opt		79	800	-	-	-	MT-79	-	-
2005-03	V8/5.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-03	V8/5.3L	Opt		79	800	-	-	-	MT-79	-	-
2005-03	V8/4.8L	Opt		79	800	-	-	-	MT-79	-	-
2004-03	V6/4.3L	Opt		79	800	-	-	-	MT-79	-	-
2004-02	V6/4.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/6.5L	Dsl	●	78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.7L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.7L	Opt	●	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.0L	Opt	●	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V6/4.3L	Opt	●	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2001-99	V8/6.5L	Dsl		78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2001-99	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-99	V8/5.0L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-99	V6/4.3L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT

GMC • Savana 3500

2020-18	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2020-18	V6/4.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2020-17	L4/2.8L	Dsl	●	78 ²	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2017	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2017	V8/6.0L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2017	V8/4.8L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2017	V8/4.8L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2016-10	V8/6.0L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2016-10	V8/4.8L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2016-07	V8/6.6L	Dsl	●	78 ²	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
2016-04	V8/4.8L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2016-03	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2006	V8/6.6L	Dsl		79 ²	800	-	-	-	MT-79	-	-
2005-03	V8/6.0L	Opt		79	800	-	-	-	MT-79	-	-
2004	V8/4.8L	Opt		79	800	-	-	-	MT-79	-	-
2002	V8/8.1L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/8.1L	Opt	●	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/6.5L	Dsl	●	78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.7L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2002	V8/5.7L	Opt	●	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2001	V8/8.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2001	V8/8.1L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2001-99	V8/6.5L	Dsl		78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2001-99	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
2000	V8/7.4L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2000	V8/7.4L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999	V8/7.4L			78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT

GMC • Sierra 1500

2020-19	L4/2.7L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2020-14	V6/4.3L		●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019	V8/6.2L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2019	V8/5.3L	w/Start-Stop	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2019-18	V8/5.3L	w/o Start-Stop	●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018	V8/5.3L	w/Start-Stop	●	94R ^{33,50}	730	-	MTX-94R/H7	-	-	-	-
2018-16	V8/6.2L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-15	V6/4.3L	Aux	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-14	V8/6.2L	Aux	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-14	V8/5.3L	Aux	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017-14	V8/5.3L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2015-14	V8/6.2L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2013	V8/6.0L	Hybrid	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-09	V8/6.2L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-09	V8/5.3L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-09	V8/4.8L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-09	V6/4.3L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-08	V8/6.2L		●	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
GMC • Sierra 1500 (continued)											
2013-08	V8/5.3L		⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2013-08	V8/4.8L		⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2013-08	V6/4.3L		⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2012-10	V8/6.0L	Hybrid	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2012-10	V8/6.0L	Hybrid, Opt	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009	V8/6.0L	Opt	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009-08	V8/6.0L		⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/6.2L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.2L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/6.0L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.0L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/5.3L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/5.3L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/4.8L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/4.8L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V6/4.3L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V6/4.3L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2006	V8/5.3L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V8/5.3L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V8/4.8L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V6/4.3L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-05	V8/6.0L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/4.8L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V6/4.3L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-04	V8/5.3L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2005-02	V8/5.3L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-02	V8/4.8L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2005-02	V6/4.3L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2004-02	V8/6.0L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2001	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2001	V8/6.0L	Opt		78	770	MTZ-78	-	MTP-78	-	-	-
2001-99	V8/5.3L	Opt		78	770	MTZ-78	-	MTP-78	-	-	-
GMC • Sierra 1500 Classic											
2007	V8/6.0L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.0L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/5.3L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/5.3L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/4.8L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/4.8L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V6/4.3L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V6/4.3L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
GMC • Sierra 1500 HD											
2006	V8/6.0L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-05	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005	V8/6.0L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2003-02	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2003-02	V8/6.0L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
GMC • Sierra 1500HD											
2001	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.0L	Opt		78	770	MTZ-78	-	MTP-78	-	-	-
GMC • Sierra 1500 HD Classic											
2007	V8/6.0L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.0L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
GMC • Sierra 1500 Limited											
2019	V8/5.3L		⊙	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2019	V8/5.3L	Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
GMC • Sierra 2500											
2004-02	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2004-02	V8/6.0L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2000-99	V8/5.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2000-99	V8/5.3L	Opt		78	770	MTZ-78	-	MTP-78	-	-	-
GMC • Sierra 2500 HD											
2020-19	V8/6.6L	Dsl	⊙	48 ²	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2020	V8/6.6L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2020	V8/6.6L	Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019	V8/6.0L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2019	V8/6.0L	Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-15	V8/6.6L	Dsl Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-15	V8/6.6L	Dsl	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018	V8/6.0L	Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018	V8/6.0L	w/o Start-Stop	⊙	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018	V8/6.0L	w/Start-Stop	●	94R ³³	730	-	MTX-94R/H7	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ⊙ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
GMC • Sierra 2500 HD (continued)											
2017-15	V8/6.0L	Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017	V8/6.0L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2016-14	V8/6.0L		⊙	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2014-08	V8/6.6L	Dsl	⊙	48 ²	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2013-11	V8/6.0L	Opt	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-08	V8/6.0L		⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2009	V8/6.0L	Opt	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2007	V8/6.6L	Dsl, Late	⊙	48 ²	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2007	V8/6.6L	Dsl, Early	⊙	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2007	V8/6.0L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.0L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2006-03	V8/6.6L	Dsl	⊙	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2006-02	V8/8.1L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V8/8.1L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V8/6.0L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-02	V8/6.0L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2005	V8/8.1L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2004	V8/6.6L	Dsl	⊙	78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2003	V8/8.1L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2002	V8/8.1L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2002	V8/6.6L	Dsl	⊙	78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2002	V8/6.6L	Dsl, Opt	⊙	78 ²	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
GMC • Sierra 2500 HD Classic											
2007	V8/8.1L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/8.1L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/6.6L	Dsl, Late	⊙	48 ²	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2007	V8/6.6L	Dsl, Early	⊙	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2007	V8/6.0L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.0L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
GMC • Sierra 2500HD											
2001	V8/8.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.6L	Dsl		78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.6L	Dsl, Opt		78 ²	690	MTZ-78	MTX-78	MTP-78	MT-78	-	-
2001	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.0L	Opt		78	770	MTZ-78	-	MTP-78	-	-	-
GMC • Sierra 3500											
2006-03	V8/6.6L	Dsl	⊙	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2006-02	V8/8.1L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V8/8.1L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V8/6.0L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-03	V8/8.1L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2005-02	V8/6.0L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2004	V8/6.6L	Dsl	⊙	78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2002	V8/8.1L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2002	V8/6.6L	Dsl	⊙	78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2002	V8/6.6L	Dsl, Opt	⊙	78 ²	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/8.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.6L	Dsl		78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.6L	Dsl, HD		78 ²	690	MTZ-78	MTX-78	MTP-78	MT-78	-	-
2001	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/6.0L	Opt		78	770	MTZ-78	-	MTP-78	-	-	-
GMC • Sierra 3500 Classic											
2007	V8/8.1L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/8.1L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/6.6L	Dsl, Late	⊙	48 ²	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2007	V8/6.6L	Dsl, Early	⊙	78 ²	770	MTZ-78	-	MTP-78	-	-	-
2007	V8/6.0L	Early	⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.0L	Late	⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
GMC • Sierra 3500 HD											
2020-19	V8/6.6L	Dsl	⊙	48 ²	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2020	V8/6.6L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2020	V8/6.6L	Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019	V8/6.0L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2019	V8/6.0L	Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-15	V8/6.6L	Dsl Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-15	V8/6.6L	Dsl	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018	V8/6.0L	Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018	V8/6.0L	w/o Start-Stop	⊙	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018	V8/6.0L	w/Start-Stop	●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2017-15	V8/6.0L	Aux	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017	V8/6.0L		●	94R ³³	730	-	MTX-94R/H7	-	-	-	-
2016-14	V8/6.0L		⊙	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ⊙ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
GMC • Sierra 3500 HD (continued)											
2014-08	V8/6.6L	Dsl	●	48 ²	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2013-09	V8/6.0L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	
2013-08	V8/6.0L		●	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2007	V8/6.6L	Dsl, Late	●	48 ²	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2007	V8/6.6L	Dsl, Early	●	78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.0L	Early	●	78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2007	V8/6.0L	Late	●	48 ²	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
GMC • Sonoma											
2004-91	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2004-94	V6/4.3L	Opt		75	690	MTZ-75DT	-	MTP-75	-	-	-
2003-96	L4/2.2L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
1995-94	L4/2.2L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
GMC • S-Series: Pickup, Jimmy											
1993-91	L4/2.5L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1993-91	L4/2.5L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1991-90	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	V6/4.3L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V6/4.3L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1990	V6/2.8L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V6/2.8L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
GMC • Terrain											
2020-18	L4/2.0L		●	48 ³³	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-18	L4/1.5L		●	48 ³³	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019-18	L4/1.6L		●	48 ³³	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017-13	V6/3.6L			48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2017-12	L4/2.4L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2012	V6/3.0L			48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2011	L4/2.4L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2011-10	V6/3.0L			48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2010	L4/2.4L			47	525	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
GMC • Tracker											
1991-90	L4/1.6L			26	525	-	-	-	MT-26	-	MTP-75DT
GMC • Typhoon											
1993-92	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1993-92	V6/4.3L	Opt		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
GMC • Yukon											
2020-17	V8/6.2L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-17	V8/6.2L	Aux	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-17	V8/5.3L	Aux	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-15	V8/5.3L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2016-15	V8/6.2L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2014-12	V8/6.2L		●	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2014-12	V8/5.3L		●	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2014-09	V8/6.2L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2014-09	V8/5.3L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-12	V8/6.0L	Hybrid	●	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2013-09	V8/6.0L	Hybrid, Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2011-08	V8/6.0L	Hybrid	●	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2011-07	V8/6.2L		●	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2011-07	V8/5.3L		●	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2009	V8/4.8L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009-07	V8/4.8L		●	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2006	V8/6.0L	Opt	●	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V8/5.3L	Opt	●	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2006	V8/4.8L	Opt	●	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-05	V8/5.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/6.0L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/4.8L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005	V8/6.0L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	-
2005-03	V8/4.8L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	-
2004-03	V8/5.3L	Opt	●	78	770	MTZ-78	-	MTP-78	-	-	-
2004-02	V8/5.3L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
GMC • Yukon XL											
2020-15	V8/6.2L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-15	V8/6.2L	Aux	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-15	V8/5.3L		●	94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-15	V8/5.3L	Aux	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
GMC • Yukon XL 1500											
2014-12	V8/6.2L		●	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2014-12	V8/5.3L		●	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2014-09	V8/6.2L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2014-09	V8/5.3L	Opt	●	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate

GMC • Yukon XL 1500 (continued)

2011-07	V8/6.2L		⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2011-07	V8/5.3L		⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2009	V8/6.0L	Opt	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009-07	V8/6.0L		⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2006	V8/6.0L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2006	V8/5.3L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2006-02	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/5.3L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005	V8/6.0L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2005-03	V8/5.3L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2001	V8/8.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/8.1L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	-
2001-00	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001-00	V8/5.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001-00	V8/4.8L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2000	V8/6.0L	PPkg or HD		78	770	MTZ-78	-	MTP-78	-	-	-
2000	V8/5.3L	PPkg & Opt		78	770	MTZ-78	-	MTP-78	-	-	-
2000-99	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	-
2000-99	V8/5.7L	PPkg or HD		78	770	MTZ-78	-	MTP-78	-	-	-
1996-94	V8/6.5L	Dsl		78 ²	770	MTZ-78	-	MTP-78	-	-	-
1993-92	V8/5.7L	Aux Battery		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1993-92	V8/5.7L	Primary Battery		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-

GMC • Yukon XL 2500

2013-12	V8/6.0L		⊙	48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2013-09	V8/6.0L	Opt	⊙	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2011-07	V8/6.0L		⊙	48	615	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6 ⁴⁸	-
2006	V8/8.1L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V8/6.0L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2006	V8/8.1L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006	V8/6.0L	Opt	⊙	78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2006-02	V8/8.1L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2006-02	V8/6.0L		⊙	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2005-03	V8/8.1L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2005-03	V8/6.0L	Opt	⊙	78	770	MTZ-78	-	MTP-78	-	-	-
2001-00	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001-00	V8/5.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001-00	V8/4.8L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2001	V8/8.1L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	-
2000	V8/6.0L	PPkg or HD		78	770	MTZ-78	-	MTP-78	-	-	-
2000	V8/5.3L	PPkg & Opt		78	770	MTZ-78	-	MTP-78	-	-	-
2001	V8/8.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-75DT
2000-99	V8/5.7L	Opt		78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	-
2000-99	V8/5.7L	PPkg or HD		78	770	MTZ-78	-	MTP-78	-	-	-
1996-94	V8/6.5L	Dsl		78 ²	770	MTZ-78	-	MTP-78	-	-	-
1993-92	V8/5.7L	Aux Battery		78	540	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1993-92	V8/5.7L	Primary Battery		78	630	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-

Honda • Accord

2020-19	L4/2.0L	Hybrid		51	500	-	-	-	MT-51	-	-
2020-19	L4/1.5L			47	540	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2020-18	L4/2.0L			48	620	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2018	L4/1.5L			47	-	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2018-17	L4/2.0L	Hybrid		51	500	-	-	-	MT-51	-	-
2017-16	L4/2.4L			51R	410	-	-	-	MT-51R	-	-
2017-13	V6/3.5L			24F ¹¹	550	MTZ-34R ¹	MTX-24F	-	MT-24F	-	-
2015-14	L4/2.4L			51R	410	-	-	-	MT-51R	-	-
2015-14	L4/2.0L	Hybrid		51	500	-	-	-	MT-51	-	-
2013	L4/2.4L	California & Can		35	440	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2013-12	L4/2.4L	US Ex California		51R	410	-	-	-	MT-51R	-	-
2012	L4/2.4L	Can & California		35	440	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2012-08	V6/3.5L			24F ¹¹	550	MTZ-34R ¹	MTX-24F	-	MT-24F	-	-
2011-10	L4/2.4L	MT		51R	410	-	-	-	MT-51R	-	-
2009-03	L4/2.4L			51R	435	-	-	-	MT-51R	-	-
2007-03	V6/3.0L			35	440	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2002-98	V6/3.0L			24	500	MTZ-34 ¹	-	MTP-24	MT-24	M-24	M-24HC
2002-98	L4/2.3L			35	450	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
1997-94	L4/2.2L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-

Honda • Accord Crosstour

2011-10	V6/3.5L			24F ¹¹	550	MTZ-34R ¹	MTX-24F	-	MT-24F	-	-
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Honda • Civic

2020-19	L4/2.0L	Ex Type R		51R	410	-	-	-	MT-51R	-	-
2020-19	L4/2.0L	Type R		47	410	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2020-19	L4/1.5L			51R	410	-	-	-	MT-51R	-	-
2018-17	L4/2.0L	Ex Type R		51R	410	-	-	-	MT-51R	-	-
2018-17	L4/2.0L	Type R		47	540	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ⊙ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Honda • Civic (continued)											
2018-16	L4/1.5L			51R	410	-	-	-	MT-51R	-	-
2016	L4/2.0L			51R	410	-	-	-	MT-51R	-	-
2015-14	L4/2.4L			51R	410	-	-	-	MT-51R	-	-
2015-14	L4/1.8L			51R	410	-	-	-	MT-51R	-	-
2015-12	L4/1.5L	Hybrid		151R	340	-	-	MTP-151R	-	-	-
2013-12	L4/2.4L	Can		51R	410	-	-	-	MT-51R	-	-
2013-12	L4/2.4L	US		51R	310	-	-	-	MT-51R	-	-
2013-08	L4/1.8L	Can		51R	410	-	-	-	MT-51R	-	-
2013-08	L4/1.8L	US		51R	310	-	-	-	MT-51R	-	-
2011-08	L4/2.0L	Can		51R	410	-	-	-	MT-51R	-	-
2011-08	L4/2.0L	US		51R	310	-	-	-	MT-51R	-	-
2011-06	L4/1.3L	Hybrid		151R	340	-	-	MTP-151R	-	-	-
2007	L4/2.0L			51R	440	-	-	-	MT-51R	-	-
2007-06	L4/1.8L			51R	435	-	-	-	MT-51R	-	-
2006-02	L4/2.0L			51R	435	-	-	-	MT-51R	-	-
2005-03	L4/1.3L	Hybrid		51R	410	-	-	-	MT-51R	-	-
2005-01	L4/1.7L			51	410	-	-	-	MT-51	-	-
2000-92	L4/1.6L			51R	410	-	-	-	MT-51R	-	-
1991-90	L4/1.6L			51	405	-	-	-	MT-51	-	-
1991-90	L4/1.5L			51	405	-	-	-	MT-51	-	-
Honda • Clarity											
2020-18	L4/1.5L			51R	500	-	-	-	MT-51R	-	-
2020-17	Electric			51R	500	-	-	-	MT-51R	-	-
Honda • Crosstour											
2015	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2015-14	L4/2.4L			51R	500	-	-	-	MT-51R	-	-
2014	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2013-12	V6/3.5L			24F ¹¹	550	MTZ-34R ¹	MTX-24F	-	MT-24F	-	-
2013-12	L4/2.4L	California & Can		35	440	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2013-12	L4/2.4L	US Ex California		51R	410	-	-	-	MT-51R	-	-
Honda • CR-V											
2020	L4/1.5L			47 ^{50,59}	450	-	-	-	-	-	-
2019-17	L4/2.4L			51R	410	-	-	-	MT-51R	-	-
2019-17	L4/1.5L			51R	410	-	-	-	MT-51R	-	-
2016-14	L4/2.4L	Can		35	440	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2016-14	L4/2.4L	US		51R	410	-	-	-	MT-51R	-	-
2013-02	L4/2.4L			51R	410	-	-	-	MT-51R	-	-
Honda • CRX											
1991-90	L4/1.6L			51	405	-	-	-	MT-51	-	-
1991-90	L4/1.5L			51	405	-	-	-	MT-51	-	-
Honda • CR-Z											
2016-11	L4/1.5L	Hybrid		151R	340	-	-	MTP-151R	-	-	-
Honda • Element											
2011-03	L4/2.4L			51R	410	-	-	-	MT-51R	-	-
Honda • Fit											
2020-07	L4/1.5L			151R	340	-	-	MTP-151R	-	-	-
2014-13	Electric			151R	340	-	-	MTP-151R	-	-	-
Honda • HR-V											
2020-16	L4/1.8L			51R	500	-	-	-	MT-51R	-	-
Honda • Insight											
2020-19	L4/1.5L	Hybrid		51R ³³	295	-	-	-	MT-51R	-	-
2014-10	L4/1.3L	Hybrid		151R	340	-	-	MTP-151R	-	-	-
2006-00	L3/1.0L	Hybrid		51	270	-	-	-	MT-51	-	-
2001-00	L3/1.0L	Hybrid		51	270	-	-	-	MT-51	-	-
Honda • Odyssey											
2020-18	V6/3.5L	Elite, Touring	●	48 ³³	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-18	V6/3.5L	Ex Elite, Touring	○	48	620	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	-	-
2017	V6/3.5L		○	24F	630	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2016	V6/3.5L		○	24F	730	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2015	V6/3.5L		○	24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2014-05	V6/3.5L		○	24F ¹¹	550	MTZ-34R ¹	MTX-24F	-	MT-24F	-	-
2004-02	V6/3.5L		○	24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Honda • Passport											
2020-19	V6/3.5L		●	48 ³³	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2002-98	V6/3.2L			24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ¹⁸
1997-96	V6/3.2L			24	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1996	L4/2.6L	Opt		24	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1996	L4/2.6L			86	430	-	-	MTP-86	MT-86	-	-
1995-94	V6/3.2L	AT		24	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1995-94	V6/3.2L	MT		25	380	-	-	-	MT-25	M-25	M-24
1995-94	L4/2.6L			25	380	-	-	-	MT-25	M-25	M-24

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Honda • Pilot											
2020-18	V6/3.5L	Elite, Touring, TRG	●	48 ³³	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-18	V6/3.5L	Ex Elite, Touring, TRG		48	620	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2017-16	V6/3.5L	Elite, Touring	●	48 ³³	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017-16	V6/3.5L	Ex Elite, Touring		48	620	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2015-03	V6/3.5L			24F ¹¹	550	MTZ-34R ¹	MTX-24F	-	MT-24F	-	-
Honda • Prelude											
2001-92	L4/2.2L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ¹⁸
1996-92	L4/2.3L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ¹⁸
1991-90	L4/2.1L			24	550	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ¹⁸
1991-90	L4/2.0L			24	550	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ¹⁸
Honda • Ridgeline											
2020	V6/3.5L		●	48 ³³	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019-17	V6/3.5L			48	620	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2014-11	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2010-07	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2006	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Honda • S2000											
2009-04	L4/2.2L			51	430	-	-	-	MT-51	-	-
2003-02	L4/2.0L			51	430	-	-	-	MT-51	-	-
Hummer • H1											
2006	V8/6.6L	Dsl		79	840	-	-	-	MT-79	-	-
2004-03	V8/6.5L	Dsl		79	840	-	-	-	MT-79	-	-
2002	V8/6.5L	Dsl		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
Hummer • H2											
2009-08	V8/6.2L		○	48	730	MTZ-48/H6	MTX-48/H6	-	-	-	-
2007-03	V8/6.0L			79	840	-	-	-	MT-79	-	-
Hummer • H3											
2010	V8/5.3L			86 ⁴⁰	590	-	-	MTP-86	-	-	-
2010	L5/3.7L			86 ⁴⁰	590	-	-	MTP-86	-	-	-
2009	V8/5.3L			86 ^{11,40}	590	-	-	MTP-86	-	-	-
2009	L5/3.7L			86 ^{11,40}	590	-	-	MTP-86	-	-	-
2008	V8/5.3L			86 ^{11,40}	640	-	-	MTP-86	-	-	-
2008-07	L5/3.7L			86 ^{11,40}	640	-	-	MTP-86	-	-	-
2006	L5/3.5L			86 ^{11,40}	640	-	-	MTP-86	-	-	-
Hummer • H3T											
2010	V8/5.3L			86 ⁴⁰	590	-	-	MTP-86	-	-	-
2010	L5/3.7L			86 ⁴⁰	590	-	-	MTP-86	-	-	-
2009	V8/5.3L			86 ^{11,40}	590	-	-	MTP-86	-	-	-
2009	L5/3.7L			86 ^{11,40}	590	-	-	MTP-86	-	-	-
Hyundai • Accent											
2020	L4/1.6L		●	47 ³³	-	-	MTX-47/H5	-	-	-	-
2019	L4/1.6L		●	47 ³³	-	-	MTX-47/H5	-	-	-	-
2018	L4/1.6L		●	47 ³³	-	-	MTX-47/H5	-	-	-	-
2017-14	L4/1.6L		●	47	-	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2013-02	L4/1.6L			121R	500	-	-	-	MT-121R	-	-
2003-01	L4/1.5L			121R	500	-	-	-	MT-121R	-	-
2000-95	L4/1.5L			121R	435	-	-	-	MT-121R	-	-
Hyundai • Azera											
2017-16	V6/3.3L			124R	600	-	-	MTP-124R	-	-	-
2015-07	V6/3.3L			124R	600	-	-	MTP-124R	-	-	-
2011-06	V6/3.8L			124R	600	-	-	MTP-124R	-	-	-
Hyundai • Elantra											
2020-17	L4/1.4L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2019-17	L4/2.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2019-17	L4/1.6L		○	47	550	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2016-14	L4/2.0L		○	47	550	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2016-14	L4/1.8L	AT	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2016-14	L4/1.8L	MT	○	47	550	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2013-11	L4/1.8L		○	47	550	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2012-11	L4/2.0L		○	47	550	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2010	L4/2.0L			121R	600	-	-	-	MT-121R	-	-
2009-07	L4/2.0L			121R	550	-	-	-	MT-121R	-	-
2006	L4/2.0L			124R	500	-	-	MTP-124R	-	-	-
2005-04	L4/2.0L			124R	560	-	-	MTP-124R	-	-	-
2003-99	L4/2.0L			124R	550	-	-	MTP-124R	-	-	-
Hyundai • Elantra Coupe											
2014	L4/2.0L			47	550	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2013	L4/1.8L			47	550	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Hyundai • Elantra GT											
2019-18	L4/1.6L			47	550	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2019-14	L4/2.0L			48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2013	L4/1.8L			47	550	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Hyundai • Entourage											
2010-07	V6/3.8L			124R	600	-	-	MTP-124R	-	-	-
Hyundai • Equus											
2016-12	V8/5.0L			49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2011	V8/4.6L			49	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
Hyundai • Genesis											
2016-15	V6/3.8L		●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
2016-14	V8/5.0L		●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
2014-09	V6/3.8L			49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2013-12	V8/5.0L			124	600	-	-	-	MT-124	-	-
2012-09	V8/4.6L			49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
Hyundai • Genesis Coupe											
2016	V6/3.8L			124R	740	-	-	MTP-124R	-	-	-
2015-10	V6/3.8L			124R	600	-	-	MTP-124R	-	-	-
2014-10	L4/2.0L			124R	600	-	-	MTP-124R	-	-	-
Hyundai • Kona											
2018	L4/2.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2018	L4/1.6L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
Hyundai • Santa Fe											
2020-19	L4/2.4L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2020-19	L4/2.0L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2018-13	V6/3.3L			124R	600	-	-	MTP-124R	-	-	-
2012-10	V6/3.5L			124R	600	-	-	MTP-124R	-	-	-
2012-10	L4/2.4L			124R	600	-	-	MTP-124R	-	-	-
2009-07	V6/3.3L			124R	600	-	-	MTP-124R	-	-	-
2009-02	V6/2.7L			124R	600	-	-	MTP-124R	-	-	-
2006-03	V6/3.5L			124R	600	-	-	MTP-124R	-	-	-
2006-03	L4/2.4L			124R	600	-	-	MTP-124R	-	-	-
2002	L4/2.4L			124R	550	-	-	MTP-124R	-	-	-
2001	L4/2.4L			124R	660	-	-	MTP-124R	-	-	-
Hyundai • Santa Fe Sport											
2018-17	L4/2.4L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2018-17	L4/2.0L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2016-13	L4/2.4L			124R	700	-	-	MTP-124R	-	-	-
2016-13	L4/2.0L			124R	700	-	-	MTP-124R	-	-	-
Hyundai • Santa Fe XL											
2016-13	V6/3.3L			124R	600	-	-	MTP-124R	-	-	-
Hyundai • Scoupe											
1995-94	L4/1.5L	Can & Opt		24	540	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1995-94	L4/1.5L	Can or Opt		N/A ⁴⁵	540	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Hyundai • Sonata											
2019-18	L4/2.4L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2019-18	L4/2.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2019-16	L4/2.0L	Hybrid		148 (H6R) ⁵⁰	600	-	-	MTP-H6R	-	-	-
2018	L4/1.6L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2017-16	L4/2.4L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2017-16	L4/2.0L	Gas	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2017-15	L4/1.6L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2015	L4/2.4L	Gas	●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2015-14	L4/2.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2015-11	L4/2.4L	Hybrid		148 (H6R) ⁵⁰	600	-	-	MTP-H6R	-	-	-
2014	L4/2.4L	Gas	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2013-11	L4/2.4L	Gas		124R	600	-	-	MTP-124R	-	-	-
2013-11	L4/2.0L			124R	600	-	-	MTP-124R	-	-	-
2010	V6/3.3L			124R	700	-	-	MTP-124R	-	-	-
2010-06	L4/2.4L			124R	600	-	-	MTP-124R	-	-	-
2009-06	V6/3.3L			124R	600	-	-	MTP-124R	-	-	-
2005-03	L4/2.4L			124R	560	-	-	MTP-124R	-	-	-
2005-02	V6/2.7L			124R	600	-	-	MTP-124R	-	-	-
2002	L4/2.4L			124R	550	-	-	MTP-124R	-	-	-
2001	V6/2.5L			124R	600	-	-	MTP-124R	-	-	-
2001-99	L4/2.4L			124R	550	-	-	MTP-124R	-	-	-
2000-99	V6/2.5L			124R	540	-	-	MTP-124R	-	-	-
1998-92	L4/2.0L			25	420	MTZ-34 ¹	-	MTP-24	MT-25	M-24HC	MT-24
1998-92	L4/2.0L	Opt		24	540	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	C-24XHD
1991-90	L4/2.4L	Opt		24	540	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1991-90	L4/2.4L			25	420	-	-	-	MT-25	M-25	M-24
Hyundai • Tiburon											
2008-03	V6/2.7L			124R	600	-	-	MTP-124R	-	-	-
2008-03	L4/2.0L			124R	600	-	-	MTP-124R	-	-	-
Hyundai • Tucson											
2019-18	L4/2.4L			48	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2019-16	L4/2.0L			48	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Hyundai • Tucson (continued)											
2018-16	L4/1.6L			48	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2017-15	Electric	Electric/Hydrogen		47	600	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2015-11	L4/2.0L			124R	600	-	-	MTP-124R	-	-	-
2015-10	L4/2.4L			124R	600	-	-	MTP-124R	-	-	-
2009-05	V6/2.7L			124R	600	-	-	MTP-124R	-	-	-
2009-05	L4/2.0L			124R	600	-	-	MTP-124R	-	-	-
Hyundai • Veloster											
2016-12	L4/1.6L	Non-Turbo		121R	550	-	-	-	MT-121R	-	-
2016-12	L4/1.6L	Turbo		47	550	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Hyundai • Veracruz											
2012-09	V6/3.8L			124R	660	-	-	MTP-124R	-	-	-
2008-07	V6/3.8L			124R	600	-	-	MTP-124R	-	-	-
Hyundai • XG300											
2001	V6/3.0L			124R	600	-	-	MTP-124R	-	-	-
Hyundai • XG350											
2005-02	V6/3.5L			124R	600	-	-	MTP-124R	-	-	-
Infiniti • EX35											
2012-08	V6/3.5L			35	585	-	MTX-35	MTP-35	-	-	-
Infiniti • EX37											
2013	V6/3.7L			24F	720	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Infiniti • FX35											
2012-09	V6/3.5L			35	585	-	MTX-35	MTP-35	-	-	-
2008-07	V6/3.5L	w/Intelligent Key		24F	750	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2008-07	V6/3.5L	w/o Intelligent Key		35	550	-	MTX-35	MTP-35	MT-35	-	-
2006-03	V6/3.5L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
Infiniti • FX37											
2013	V6/3.7L			24F	720	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Infiniti • FX45											
2008-06	V8/4.5L	w/Intelligent Key		24F	750	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2008-06	V8/4.5L	w/o Intelligent Key		35	550	-	MTX-35	MTP-35	MT-35	-	-
2005-03	V8/4.5L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
Infiniti • FX50											
2013-09	V8/5.0L			24F	720	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Infiniti • G20											
2002	L4/2.0L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2001-99	L4/2.0L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
1996-91	L4/2.0L	Ex California		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Infiniti • G25											
2012	V6/2.5L			35	585	-	MTX-35	MTP-35	-	-	-
2011	V6/2.5L			35	585	-	MTX-35	MTP-35	-	-	-
Infiniti • G35											
2008	V6/3.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2007	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2006-03	V6/3.5L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
Infiniti • G37											
2013-08	V6/3.7L			35	585	-	MTX-35	MTP-35	-	-	-
Infiniti • I35											
2004-03	V6/3.5L			24F	445	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2002	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Infiniti • JX35											
2013	V6/3.5L			24F	720	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Infiniti • M30											
1991-90	V6/3.0L			24	415	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-75DT
Infiniti • M35											
2010-06	V6/3.5L			24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Infiniti • M35h											
2013-12	V6/3.5L	Hybrid		24F ⁵⁰	700	-	-	-	-	-	-
Infiniti • M37											
2013-11	V6/3.7L			24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Infiniti • M45											
2010-06	V8/4.5L			24F	750	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2004	V8/4.5L			24	490	MTZ-34 ¹	-	MTP-24	MT-24	M-24	M-24HC
2003	V8/4.5L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24	M-24HC
Infiniti • M56											
2013-11	V8/5.6L			24F	750	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Infiniti • Q40											
2015	V6/3.7L			35	585	-	MTX-35	MTP-35	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Infiniti • Q45											
2006-02	V8/4.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Infiniti • Q50											
2019-16	V6/3.0L			35 ⁵⁹	600	-	MTX-35	MTP-35	-	-	-
2019-16	L4/2.0L	Front Battery		24F ⁵⁹	780	-	-	-	-	-	-
2019-16	L4/2.0L	Rear Battery		35 ⁵⁹	600	-	-	-	-	-	-
2018-16	V6/3.5L	Hybrid		35 ⁵⁹	600	-	-	-	-	-	-
2015-14	V6/3.7L			35	585	-	-	-	-	-	-
2015-14	V6/3.7L	Opt		35 ⁵⁹	600	-	-	-	-	-	-
2015-14	V6/3.5L	Hybrid		35 ⁵⁰	585	-	-	-	-	-	-
Infiniti • Q60											
2019-17	V6/3.0L			35 ⁵⁹	600	-	-	-	-	-	-
2018-17	L4/2.0L	Front Battery		24F ⁵⁹	780	-	-	-	-	-	-
2018-17	L4/2.0L	Rear Battery		35 ⁵⁹	600	-	-	-	-	-	-
2015-14	V6/3.7L			35	585	-	MTX-35	MTP-35	-	-	MTP-24F
Infiniti • Q70											
2018-16	V8/5.6L			N/A ⁴⁵	-	-	-	-	-	-	-
2018-16	V6/3.7L			N/A ⁴⁵	-	-	-	-	-	-	-
2015-14	V8/5.6L			35	585	-	MTX-35	MTP-35	-	-	-
2015-14	V6/3.7L			35	585	-	MTX-35	MTP-35	-	-	-
2015-14	V6/3.5L	Hybrid		35 ⁵⁰	585	-	-	MTP-35	-	-	-
Infiniti • Q70L											
2018-17	V8/5.6L			N/A ⁴⁵	-	-	-	-	-	-	-
2018-17	V6/3.7L			N/A ⁴⁵	-	-	-	-	-	-	-
2015	V8/5.6L			35	585	-	MTX-35	MTP-35	-	-	-
2015	V6/3.7L			35	585	-	MTX-35	MTP-35	-	-	-
Infiniti • QX30											
2018-17	L4/2.0L			N/A ⁴⁵	-	-	-	-	-	-	-
Infiniti • QX4											
2003	V6/3.5L			24	490	MTZ-34 ¹	-	MTP-24	MT-24	M-24	M-24HC
2002	V6/3.5L			25	360	-	-	MTP-24	MT-25	M-24	M-24HC
2001	V6/3.5L			24	490	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-75DT ^{1c}
2000-97	V6/3.3L	US		25	360	-	-	MTP-24	MT-25	M-24	M-24HC
2000-97	V6/3.3L	HD & Can		24	490	MTZ-34 ¹	-	MTP-24	MT-24	M-24	M-24HC
Infiniti • QX50											
2020-19	L4/2.0L			48 ^{2,50,59}	700	-	-	-	-	-	-
2017-14	V6/3.7L			35	585	-	MTX-35	MTP-35	-	-	-
Infiniti • QX56											
2013-11	V8/5.6L			27	710	MTZ-34 ¹	-	-	MT-27	M-27	-
2010-04	V8/5.6L			27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
Infiniti • QX60											
2017-14	V6/3.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2015-14	L4/2.5L	Hybrid		51R	500	-	-	-	MT-51R	-	-
Infiniti • QX70											
2017-14	V6/3.7L			35	585	-	MTX-35	MTP-35	-	-	-
2014	V8/5.0L			24F	720	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Infiniti • QX80											
2017-14	V8/5.6L			27	780	MTZ-34 ¹	-	-	MT-27	-	-
Isuzu • Amigo											
1994-92	L4/2.6L	AT		24	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1993-92	L4/2.3L	AT		24	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1991-90	L4/2.6L	AT		24	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1991-90	L4/2.3L	AT		24	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Isuzu • Ascender											
2008-03	L6/4.2L			78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2006-03	V8/5.3L			78 ⁴⁰	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
Isuzu • Axiom											
2004-02	V6/3.5L			24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Isuzu • i-280											
2006	L4/2.8L			86 ^{11,40}	640	-	-	MTP-86	-	-	-
Isuzu • i-290											
2008	L4/2.9L			86 ⁴⁰	640	-	-	MTP-86	-	-	-
2007	L4/2.9L			86 ^{11,40}	640	-	-	MTP-86	-	-	-
Isuzu • i-350											
2006	L5/3.5L			86 ^{11,40}	640	-	-	MTP-86	-	-	-
Isuzu • i-370											
2008	L5/3.7L			86 ⁴⁰	640	-	-	MTP-86	-	-	-
2007	L5/3.7L			86 ^{11,40}	640	-	-	MTP-86	-	-	-
Isuzu • Oasis											
1999-98	L4/2.3L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Isuzu • Rodeo											
2004	V6/3.5L			24	650	MTZ-34 ¹	-	MTP-24	-	M-24HC	-
2004	V6/3.2L			24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ^{1B}
2003	L4/2.2L	US		24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ^{1B}
2003	L4/2.2L	Can or Opt		27F	625	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2003-02	V6/3.2L	US		24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ^{1B}
2003-02	V6/3.2L	Can or Opt		27F	625	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2002	L4/2.2L			24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ^{1B}
2001	V6/3.2L	Can & Opt		27F	625	MTZ-34R ¹	-	MTP-27F	-	-	-
1996	L4/2.6L	Opt		24	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1992-91	V6/3.1L	AT, HD		24	610	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1992-91	V6/3.1L	MT		25	380	-	-	-	MT-25	M-25	M-24
1992-91	L4/2.6L	Opt		24	610	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1992-91	L4/2.6L			25	380	-	-	-	MT-25	M-25	M-24
Isuzu • Rodeo Sport											
2003	V6/3.2L	US		24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ^{1B}
2003	V6/3.2L	Can or Opt		27F	625	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2003	L4/2.2L	US		24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ^{1B}
2003	L4/2.2L	Can or Opt		27F	625	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2002	V6/3.2L			24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ^{1B}
2002	L4/2.2L			24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ^{1B}
2001	V6/3.2L			24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ^{1B}
2001	L4/2.2L			24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ^{1B}
Isuzu • Trooper											
2002	V6/3.5L	MT		24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ^{1B}
2002	V6/3.5L	AT or Opt		27	625	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2001	V6/3.5L	MT		24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ^{1B}
2001	V6/3.5L	HD or w/AT		27	625	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1994-92	V6/3.2L	MT		24	490	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-75DT ^{1C}
1994-92	V6/3.2L	AT		24	580	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1994-92	V6/3.2L	Opt		27	620	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1991-90	V6/2.8L	AT		24	490	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-75DT ^{1C}
1991-90	V6/2.8L	MT		25	350	-	-	-	MT-25	M-25	M-24
1991-90	L4/2.6L	AT		24	490	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-75DT ^{1C}
1991-90	L4/2.6L	MT		25	350	-	-	-	MT-25	M-25	M-24
Isuzu • VehiCROSS											
2001	V6/3.5L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ^{1B}
2001-99	V6/3.5L	Opt		27	625	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2000-99	V6/3.5L			24	580	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ^{1B}
Jaguar • F-Pace											
2017	V6/3.0L		●	94R ³³	850	-	MTX-94R/H7	-	-	-	-
2017	L4/2.0L		●	94R ³³	850	-	MTX-94R/H7	-	-	-	-
Jaguar • F-Type											
2017-14	V8/5.0L		●	49 ^{33,54}	900	-	MTX-49/H8	-	-	-	-
2017-14	V8/5.0L	Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2017-14	V6/3.0L		●	49 ^{33,54}	900	-	MTX-49/H8	-	-	-	-
2017-14	V6/3.0L	Aux		N/A ⁴⁵	-	-	-	-	-	-	-
Jaguar • S-Type											
2008	V8/4.2L			49 ⁵⁰	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2008-07	V6/3.0L			49 ⁵⁰	950	-	MTX-49/H8 ⁴⁸	-	-	M-49/H8	-
2007	V8/4.2L			49 ⁵⁰	950	-	MTX-49/H8 ⁴⁸	-	-	M-49/H8	-
2006-03	V8/4.2L			49 ⁵⁰	750	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2006-03	V6/3.0L			49 ⁵⁰	750	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2002	V8/4.0L			49 ⁵⁰	680	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2002	V6/3.0L			49 ⁵⁰	680	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
Jaguar • Super V8											
2009-07	V8/4.2L			93 ⁵⁰	800	-	-	-	MT-93/T8	-	-
2006-05	V8/4.2L			93	680	-	-	-	MT-93/T8	-	-
Jaguar • Vanden Plas											
2009	V8/4.2L			93 ⁵⁰	680	-	-	-	MT-93/T8	-	-
2008-04	V8/4.2L			93	680	-	-	-	MT-93/T8	-	-
2003-98	V8/4.0L			49	680	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
1997	V8/4.0L			93	680	-	-	-	MT-93/T8	-	-
1996-94	L6/4.0L			47 ^{5,50}	590	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1993	L6/4.0L			47	640	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1992-91	L6/4.0L			47 ^{5,50}	590	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Jaguar • XE											
2017	V6/3.0L		●	94R ³³	850	-	MTX-94R/H7	-	-	-	-
2017	L4/2.0L		●	94R ³³	850	-	MTX-94R/H7	-	-	-	-
Jaguar • XF											
2017	L4/2.0L		●	94R ³³	850	-	MTX-94R/H7	-	-	-	-
2017-16	V6/3.0L		●	94R ³³	850	-	MTX-94R/H7	-	-	-	-
2015-14	V8/5.0L		●	49 ³³	900	-	MTX-49/H8	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Jaguar • XF (continued)											
2015-14	L4/2.0L			49	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2015-13	V6/3.0L		●	49 ³³	900	-	MTX-49/H8	-	-	-	-
2013	L4/2.0L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2013-10	V8/5.0L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2010-09	V8/4.2L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Jaguar • XFR											
2015-10	V8/5.0L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Jaguar • XFR-S											
2015-13	V8/5.0L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Jaguar • XJ											
2017-16	V8/5.0L		●	49 ³³	900	-	MTX-49/H8	-	-	-	-
2017-14	V6/3.0L		●	49 ³³	900	-	MTX-49/H8	-	-	-	-
2015-14	V8/5.0L		●	49 ^{33,50}	900	-	MTX-49/H8	-	-	-	-
2013	V6/3.0L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2013-11	V8/5.0L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	-	-
Jaguar • XJ12											
1996-94	V12/6.0L			47 ^{5,50}	590	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1992-91	V12/5.3L			47 ^{5,50}	590	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1990	V12/5.3L			34 ⁶	590	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Jaguar • XJ6											
1997-95	L6/4.0L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	-	-
1994-93	L6/4.0L			48	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
1991-90	L6/4.0L	Opt		42	450	-	-	-	MT-42	-	-
Jaguar • XJ8											
2009-07	V8/4.2L			49 ⁵⁰	950	-	MTX-49/H8 ⁴⁸	-	-	M-49/H8	-
2006-04	V8/4.2L			49 ⁵⁰	750	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2003-98	V8/4.0L			49	680	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
Jaguar • XJR											
2009-07	V8/4.2L			49 ⁵⁰	950	-	MTX-49/H8 ⁴⁸	-	-	M-49/H8	-
2006-04	V8/4.2L			49 ⁵⁰	750	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2003-98	V8/4.0L			49	680	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
1997	L6/4.0L			49	680	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
1996-95	L6/4.0L			47	590	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Jaguar • XJR-S											
1993	V12/6.0L			47	590	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Jaguar • XJS											
1996-95	L6/4.0L			48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1995-94	V12/6.0L			47 ^{5,50}	590	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1994-92	L6/4.0L			47 ^{5,50}	590	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1992-91	V12/5.3L			47 ^{5,50}	590	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1990	V12/5.3L			NA ^{30,54}	590	-	-	-	-	-	-
Jaguar • XK											
2015-14	V8/5.0L			93	800	-	-	-	MT-93/T8	-	-
2013-10	V8/5.0L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2009-07	V8/4.2L			93 ⁵⁰	800	-	-	-	MT-93/T8	-	-
Jaguar • XK8											
2006-04	V8/4.2L			49 ⁵⁰	750	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2003	V8/4.2L			49	680	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2002	V8/4.0L			49	680	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2001-97	V8/4.0L			49	680	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
Jaguar • XKR											
2013-10	V8/5.0L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2009-07	V8/4.2L			93 ⁵⁰	800	-	-	-	MT-93/T8	-	-
2006-04	V8/4.2L			49 ⁵⁰	750	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2003	V8/4.2L			49	680	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2002	V8/4.0L			49	680	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
Jaguar • XKR-S											
2013-12	V8/5.0L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Jaguar • X-Type											
2008-07	V6/3.0L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2006-04	V6/3.0L			94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005-04	V6/2.5L			94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2003-02	V6/3.0L			92	720	-	-	-	MT-92/T7	-	-
2003-02	V6/2.5L			92	720	-	-	-	MT-92/T7	-	-
Jeep • Cherokee											
2020-19	V6/3.2L			94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-19	L4/2.4L			94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-19	L4/2.0L			94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-14	V6/3.2L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-14	L4/2.4L			48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Jeep • Commander											
2010	V8/5.7L			94R	625	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V6/3.7L			94R	625	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009	V8/5.7L			94R ⁵⁷	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009	V8/4.7L			94R ⁵⁷	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009	V6/3.7L			94R ⁵⁷	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/5.7L	Early		94R ⁵⁷	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/5.7L	Late		94R ⁵⁷	625	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/4.7L	Early		94R ⁵⁷	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/4.7L	Late		94R ⁵⁷	625	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V6/3.7L	Early		94R ⁵⁷	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V6/3.7L	Late		94R ⁵⁷	625	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-06	V8/5.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-06	V8/4.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007-06	V6/3.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Jeep • Compass											
2020-18	L4/2.4L	w/Start-Stop	●	47 ³³	600	-	MTX-47/H5	-	-	-	-
2020-17	L4/2.4L	Aux for Start-Stop	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2020-17	L4/2.4L	w/o Start-Stop		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2017	L4/2.4L	w/Start-Stop	●	47 ³³	500	-	MTX-47/H5	-	-	-	-
2017-07	L4/2.0L			86	525	-	-	-	MT-86	-	-
2016-07	L4/2.4L			86	525	-	-	-	MT-86	-	-
Jeep • Gladiator											
2020	V6/3.6L		●	48 ³³	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020	V6/3.6L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2020	V6/3.6L	Opt	●	94R ³³	700	-	MTX-94R/H7	-	-	-	-
Jeep • Grand Cherokee											
2020	V6/3.6L	Opt Aux for Start-Stop	●	401 ^{33,50}	180	-	MTX-AUX12	-	-	-	-
2020-18	V8/6.2L		●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2020-16	V6/3.6L	Aux for Start-Stop	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2020-16	V6/3.6L	w/o Start-Stop	●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2020-16	V6/3.6L	w/Start-Stop	●	48 ^{33,50}	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-15	V6/3.0L	Dsl	●	49 ^{33,50}	800	-	MTX-49/H8	-	-	-	-
2020-13	V8/6.4L		●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2020-13	V8/5.7L		●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2015	V8/6.4L	Opt	●	49 ^{33,50}	800	-	MTX-49/H8	-	-	-	-
2015	V8/5.7L	Opt	●	49 ^{33,50}	800	-	MTX-49/H8	-	-	-	-
2015	V6/3.6L	Opt	●	49 ^{33,50}	800	-	MTX-49/H8	-	-	-	-
2015-13	V6/3.6L		●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2014	V8/6.4L	Opt	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2014	V8/5.7L	Opt	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2014	V6/3.6L	Opt	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2014	V6/3.0L	Dsl	●	49 ^{33,50}	800	-	MTX-49/H8	-	-	-	-
2013-12	V8/6.4L	Opt	●	49 ^{33,50}	800	-	MTX-49/H8	-	-	-	-
2013-11	V8/5.7L	Opt	●	49 ^{33,50}	800	-	MTX-49/H8	-	-	-	-
2013-11	V6/3.6L	Opt	●	49 ^{33,50}	800	-	MTX-49/H8	-	-	-	-
2012	V8/6.4L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2012	V8/5.7L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2012	V6/3.6L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2011	V8/5.7L		●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2011	V6/3.6L		●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2010	V8/6.1L			94R	750	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V8/6.1L	Opt		49	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2010	V8/5.7L			94R	750	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V8/5.7L	Opt		49	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2010	V6/3.7L			94R	750	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010	V6/3.7L	Opt		49	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2009	V8/4.7L			94R ⁵⁷	750	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	V8/6.1L			94R ⁵⁷	750	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	V8/6.1L	Opt		49 ⁵⁷	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2009-08	V8/5.7L			94R ⁵⁷	750	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	V8/5.7L	Opt		49 ⁵⁷	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2009-08	V8/4.7L	Opt		49 ⁵⁷	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2009-08	V6/3.7L			94R ⁵⁷	750	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-08	V6/3.7L	Opt		49 ⁵⁷	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2009-08	V6/3.0L	Dsl		49 ⁵⁷	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2008	V8/4.7L			94R ⁵⁷	750	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007	V8/6.1L	US		94R	750	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007	V8/5.7L	Can		94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007	V8/4.7L			94R	750	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007	V8/4.7L	Opt		49	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2007	V6/3.7L			94R	750	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2007	V6/3.7L	Opt		49	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2007	V6/3.0L	Dsl		49	850	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2006	V8/6.1L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Jeep • Grand Cherokee (continued)											
2006-05	V8/5.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2006-05	V8/4.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2006-05	V6/3.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2004-99	V8/4.7L			65	625	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2004-99	L6/4.0L			65	625	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Jeep • Grand Wagoneer											
1993	L6/4.0L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1993	V8/5.2L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1991-90	V8/5.9L			58	500	-	-	-	MT-58	-	-
Jeep • Liberty											
2012-10	V6/3.7L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2009-08	V6/3.7L			34 ⁵⁷	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2007-03	V6/3.7L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2006-05	L4/2.8L	Dsl		N/A ⁴⁵	800	-	-	-	-	-	-
2005-03	L4/2.4L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2002	V6/3.7L			86	525	-	-	-	MT-86	-	-
2002	L4/2.4L			86	525	-	-	-	MT-86	-	-
Jeep • Patriot											
2017-10	L4/2.4L			86	525	-	-	-	MT-86	-	-
2017-10	L4/2.0L			86	525	-	-	-	MT-86	-	-
2009-08	L4/2.4L			86 ⁵⁷	525	-	-	-	MT-86	-	-
2009-08	L4/2.0L			86 ⁵⁷	525	-	-	-	MT-86	-	-
2007	L4/2.4L			86	525	-	-	-	MT-86	-	-
2007	L4/2.0L			86	525	-	-	-	MT-86	-	-
Jeep • Renegade											
2018-17	L4/1.4L			47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2018-16	L4/2.4L			48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016-15	L4/1.4L	Can		48	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2016-15	L4/1.4L	US		47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2015	L4/2.4L	Can		47	650	-	MTX-47/H5	-	MT-47/H5	-	-
2015	L4/2.4L	US		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
Jeep • TJ											
2006-05	L4/2.4L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2006-02	L6/4.0L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2003	L4/2.4L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2002	L4/2.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2001-97	L4/2.5L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2001-97	L6/4.0L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Jeep • Wagoneer											
1990	L6/4.0L			58	430	-	-	-	MT-58	M-58	-
1990	L6/4.0L	Opt		58	500	-	-	-	MT-58	-	-
Jeep • Wrangler											
2020	V6/3.6L	Aux, w/Start-Stop	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2020	V6/3.0L	Aux, w/Start-Stop	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2020	V6/3.0L	Opt Aux, w/Start-Stop	●	401 ^{33,50}	180	-	MTX-AUX12	-	-	-	-
2020	V6/3.0L	w/o Start-Stop	●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2020	V6/3.0L	w/Start-Stop	●	48 ^{33,50}	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020	L4/2.0L	Aux, w/Start-Stop	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2020	L4/2.0L	Opt Aux, w/Start-Stop	●	401 ^{33,50}	180	-	MTX-AUX12	-	-	-	-
2020	L4/2.0L	w/o Start-Stop	●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2020	L4/2.0L	w/Start-Stop	●	48 ^{33,50}	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-19	V6/3.6L	Opt Aux, w/Start-Stop	●	401 ^{33,50}	180	-	MTX-AUX12	-	-	-	-
2020-19	V6/3.6L	w/o Start-Stop	●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2020-19	V6/3.6L	w/Start-Stop	●	48 ^{33,50}	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2019	V6/3.6L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2019	L4/2.0L	Hybrid Aux, w/Start-Stop	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2019	L4/2.0L	Hybrid Opt Aux, w/Start-Stop	●	401 ^{33,50}	180	-	MTX-AUX12	-	-	-	-
2019-18	L4/2.0L	Hybrid, w/o Start-Stop	●	94R ^{33,50}	700	-	MTX-94R/H7	-	-	-	-
2019-18	L4/2.0L	Hybrid, w/Start-Stop	●	48 ^{33,50}	650	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018	L4/2.0L	Aux, w/Start-Stop	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2018-16	V6/3.6L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2015-12	V6/3.6L			48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2011-10	V6/3.8L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2009-08	V6/3.8L			34 ⁵⁷	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2007	V6/3.8L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2006-03	L4/2.4L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2006-02	L6/4.0L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
2002	L4/2.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	MTP-78DT
1995-91	L6/4.0L			58	430	-	-	-	MT-58	-	-
1995-90	L4/2.5L			58	430	-	-	-	MT-58	-	-
1990	L6/4.2L	YJ		55	420	-	-	-	MT-56	-	-
1990	L6/4.2L	YJ & Opt		56	450	-	-	-	MT-56	-	-
1990	L6/4.2L	YJ HD		56	500	-	-	-	MT-56	-	-

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Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Jeep • Wrangler (continued)											
1990	L6/4.2L			58	430	-	-	-	MT-58	M-58	-
1990	L6/4.2L	Opt		58	500	-	-	-	MT-58	-	-
1990	L4/2.5L	YJ		55	420	-	-	-	MT-56	-	-
1990	L4/2.5L	YJ & Opt		56	450	-	-	-	MT-56	-	-
1990	L4/2.5L	YJ HD		56	500	-	-	-	MT-56	-	-
Jeep • Wrangler JK											
2018	V6/3.6L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
Kia • Amanti											
2009-07	V6/3.8L			124R	600	-	-	MTP-124R	-	-	-
2006-05	V6/3.5L			124R	600	-	-	MTP-124R	-	-	-
2004	V6/3.5L			34R	600	MTZ-34R	-	-	-	-	-
Kia • Borrego											
2011-09	V8/4.6L			N/A ⁴⁵	900	-	-	-	-	-	-
2011-09	V6/3.8L			124R	600	-	-	MTP-124R	-	-	-
Kia • Cadenza											
2020-17	V6/3.3L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2016-14	V6/3.3L			124R	660	-	-	MTP-124R	-	-	-
Kia • Forte											
2021-20	L4/1.6L			47	650	-	MTX-47/H5	-	MT-47/H5	-	-
2017	L4/2.0L	Ex LX		48	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2017	L4/2.0L	LX	●	47 ³³	650	-	MTX-47/H5	-	MT-47/H5	-	-
2016-14	L4/2.0L			48	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016-14	L4/1.8L			47	550	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2013-10	L4/2.4L			121R	550	-	-	-	MT-121R	-	-
2013-10	L4/2.0L			121R	550	-	-	-	MT-121R	-	-
Kia • Forte Koup											
2017-14	L4/1.6L			47	600	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2016-14	L4/2.0L			48	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2013-10	L4/2.4L			121R	550	-	-	-	MT-121R	-	-
2013-10	L4/2.0L			121R	550	-	-	-	MT-121R	-	-
Kia • Forte5											
2017	L4/2.0L	Ex LX		48	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2017	L4/2.0L	LX	●	47 ³³	-	-	MTX-47/H5	-	-	-	-
2017	L4/1.6L	Ex LX		47	550	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2017	L4/1.6L	LX	●	47 ³³	-	-	MTX-47/H5	-	-	-	-
2016-14	L4/2.0L			48	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016-14	L4/1.6L			47	550	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2013-12	L4/2.4L			121R	550	-	-	-	MT-121R	-	-
2013-12	L4/2.0L			121R	550	-	-	-	MT-121R	-	-
Kia • K5											
2021	L4/1.6L		●	48 ³³	760	MTZ-48/H6	MTX-48/H6	-	-	-	-
Kia • K900											
2021-19	V6/3.3L		●	95R ³³	950	-	MTX-95R/H9	-	-	-	-
2017-15	V8/5.0L		●	95R ³³	950	-	MTX-95R/H9	-	-	-	-
2017-15	V6/3.8L		●	95R ³³	950	-	MTX-95R/H9	-	-	-	-
Kia • Magentis											
2010-02	V6/2.7L			124R	600	-	-	MTP-124R	-	-	-
2010-02	L4/2.4L			124R	600	-	-	MTP-124R	-	-	-
2001	V6/2.5L			124R	600	-	-	MTP-124R	-	-	-
Kia • Niro											
2021-18				99R	470	-	-	MTP-14	-	-	-
2021-17	L4/1.6L	Hybrid, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
Kia • Optima											
2020-19	L4/1.6L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2020-17	L4/2.0L	Hybrid		148 (H6R) ⁵⁰	600	-	-	MTP-H6R	-	-	-
2019	L4/2.4L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2019	L4/2.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2018-17	L4/2.4L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2018-17	L4/2.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2018-16	L4/1.6L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2016	L4/2.4L	Gas	●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2016	L4/2.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2016-11	L4/2.4L	Hybrid		148 (H6R) ⁵⁰	600	-	-	MTP-H6R	-	-	-
2015-14	L4/2.4L	Gas	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2015-11	L4/2.0L			124R	600	-	-	MTP-124R	-	-	-
2013-11	L4/2.4L	Gas		124R	600	-	-	MTP-124R	-	-	-
2010-04	L4/2.4L			124R	600	-	-	MTP-124R	-	-	-
2010-02	V6/2.7L			124R	600	-	-	MTP-124R	-	-	-
2003-02	L4/2.4L			47 ⁹	600	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2001	V6/2.5L			47 ⁴⁵	600	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2001	L4/2.4L			47 ⁴⁵	600	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Kia • Rio											
2020-18	L4/1.6L		●	47 ³³	600	-	MTX-47/H5	-	-	-	-
2017-13	L4/1.6L	w/ISG	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2017-13	L4/1.6L	w/o ISG		121R	550	-	-	-	MT-121R	-	-
2012	L4/1.6L			121R	550	-	-	-	MT-121R	-	-
2011-03	L4/1.6L			35	500	-	MTX-35	MTP-35	MT-35	M-35HC	-
2002	L4/1.5L			35	500	-	MTX-35	MTP-35	MT-35	M-35HC	-
2001	L4/1.5L			35	500	-	MTX-35	MTP-35	MT-35	M-35HC	-
Kia • Rio5											
2011-06	L4/1.6L			35	500	-	MTX-35	MTP-35	MT-35	M-35HC	-
Kia • Rondo											
2017	L4/2.0L			124R	600	-	-	MTP-124R	-	-	-
2016-14	L4/2.0L			124R	600	-	-	MTP-124R	-	-	-
2012-09	V6/2.7L			124R	600	-	-	MTP-124R	-	-	-
2012-09	L4/2.4L			124R	600	-	-	MTP-124R	-	-	-
2008-07	V6/2.7L			124R	600	-	-	MTP-124R	-	-	-
2008-07	L4/2.4L			124R	600	-	-	MTP-124R	-	-	-
Kia • Sedona											
2021-15	V6/3.3L	non R-MDPS		124R	660	-	-	MTP-124R ¹⁰	- ¹⁰	-	-
2021-15	V6/3.3L	R-MDPS	●	49 ³³	850	-	MTX-49/H8	-	-	-	-
2014	V6/3.5L			124R	660	-	-	MTP-124R	-	-	-
2012-11	V6/3.5L			124R	660	-	-	MTP-124R	-	-	-
2010-06	V6/3.8L			124R	600	-	-	MTP-124R	-	-	-
2005-03	V6/3.5L			24F	500	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2002	V6/3.5L			24F	600	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Kia • Seltos											
2021	L4/2.0L			48	760	-	MTX-48/H6	-	-	-	-
2021	L4/1.6L			47	650	-	MTX-47/H5	-	-	-	-
Kia • Sephia											
1997-94	L4/1.6L			56 ²³	450	-	-	-	MT-56	-	-
Kia • Sorento											
2021	L4/2.5L	TC, PHEV		N/A	-	-	-	-	-	-	-
2021	L4/2.5L	w/o TC		48	760	-	MTX-48/H6	-	-	-	-
2021	L4/2.5L	TC		48	760	-	MTX-48/H6	-	-	-	-
2021	L4/1.6L	TC, HEV		47	650	-	MTX-47/H5	-	-	-	-
2020-16	L4/2.4L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2020-16	L4/2.0L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2019-17	V6/3.3L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2016	V6/3.3L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2015	L4/2.4L			124R	660	-	-	MTP-124R	-	-	-
2015-14	V6/3.3L			124R	660	-	-	MTP-124R	-	-	-
2014	L4/2.4L			124R	600	-	-	MTP-124R	-	-	-
2013-11	V6/3.5L			124R	700	-	-	MTP-124R	-	-	-
2013-11	L4/2.4L			124R	700	-	-	MTP-124R	-	-	-
2009-08	V6/3.3L			124	600	-	-	-	MT-124	-	-
2009-07	V6/3.8L			124	600	-	-	-	MT-124	-	-
2006-03	V6/3.5L			124	600	-	-	-	MT-124	-	-
Kia • Soul											
2021	L4/2.0L		●	47 ³³	600	-	MTX-47/H5	-	-	-	-
2021	L4/2.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2021	L4/1.6L	TC, w/ISG	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2019-17	L4/1.6L	AT	●	47 ³³	600	-	MTX-47/H5	-	-	-	-
2019-17	L4/1.6L	MT or Turbo		121R	600	-	-	-	MT-121R	-	-
2019-16	L4/2.0L		●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2016-13	L4/1.6L	w/ISG	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2016-13	L4/1.6L	w/o ISG		121R	550	-	-	-	MT-121R	-	-
2015-13	L4/2.0L	w/ISG	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2015-13	L4/2.0L	w/o ISG		121R	550	-	-	-	MT-121R	-	-
2012-10	L4/2.0L			121R	550	-	-	-	MT-121R	-	-
2012-10	L4/1.6L			121R	550	-	-	-	MT-121R	-	-
Kia • Soul EV											
2019-15	Electric			121R	600	-	-	-	MT-121R	-	-
Kia • Spectra											
2009-04	L4/2.0L			121R ⁹	540	-	-	-	MT-121R	-	-
2004	L4/1.8L			121R ⁹	540	-	-	-	MT-121R	-	-
2003-02	L4/1.8L			90 ⁹	450	-	-	MTP-90/T5	-	-	-
Kia • Spectra5											
2009-05	L4/2.0L			121R ⁹	540	-	-	-	MT-121R	-	-
Kia • Sportage											
2021-17	L4/2.4L			48	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2019-17	L4/2.0L			48	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016-11	L4/2.4L			124R	600	-	-	MTP-124R	-	-	-
2016-05	L4/2.0L			124R	600	-	-	MTP-124R	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Kia • Sportage (continued)											
2010-05	V6/2.7L			124R	600	-	-	MTP-124R	-	-	-
2002	L4/2.0L			N/A ^{29,45}	600	-	-	-	-	-	-
2001-00	L4/2.0L	From VIN 5593488		86 ⁷	540	-	-	MTP-86	MT-86	-	-
2000	L4/2.0L	To 5/16/2000		58 ⁷	470	-	-	-	MT-58	-	-
1999	L4/2.0L			58 ⁷	470	-	-	-	MT-58	-	-
1999	L4/2.0L	From VIN 5593488		86	540	-	-	MTP-86	MT-86	-	-
Kia • Stinger											
2021-18	V6/3.3L		●	49 ³³	850	-	MTX-49/H8	-	-	-	-
2021-18	L4/2.0L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
Kia • Telluride											
2021-20	V6/3.8L			94R ³³	800	-	MTX-94R/H7	-	-	-	-
Lamborghini • Aventador											
2012	V12/6.5L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Lamborghini • Diablo											
2001-00	V12/6.0L			34R ⁵⁰	700	MTZ-34R	-	-	-	-	-
1990	V12/5.7L			34R ⁵⁴	700	MTZ-34R	-	-	-	-	-
Lamborghini • Gallardo											
2012-09	V10/5.2L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2009-08	V10/5.0L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2007-04	V10/5.0L			34 ⁵⁰	700	-	-	-	-	-	-
Lamborghini • Murcielago											
2010-08	V12/6.5L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2007-06	V12/6.5L			34R ⁵⁰	700	MTZ-34R	-	-	-	-	-
2007-02	V12/6.2L			34R ⁵⁰	700	MTZ-34R	-	-	-	-	-
Land Rover • Defender 110											
2021-20	L4/2.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2020	L6/3.0L	Hybrid	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
1993	V8/3.9L			24	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1993	V8/3.9L			29H ⁹	600	-	-	-	-	-	29H-VHD
Land Rover • Defender 90											
1997	V8/3.9L			24	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1997	V8/3.9L			29H ⁹	600	-	-	-	-	-	29H-VHD
1995-94	V8/3.9L			24 ⁹	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1995-94	V8/3.9L			29H ⁹	600	-	-	-	-	-	29H-VHD
Land Rover • Discovery											
2004	V8/4.6L			34	700	MTZ-34	MTX-34	MTP-34	MT-34	-	-
2003	V8/4.6L			24 ⁹	590	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
2002-00	V8/4.0L			24 ⁹	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1999	V8/4.0L			24 ⁹	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1995-94	V8/3.9L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Land Rover • Freelander											
2005-02	V6/2.5L			48	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
Land Rover • LR2											
2015-13	L4/2.0L			94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2012-08	L6/3.2L			94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Land Rover • LR3											
2009-07	V6/4.0L			94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-05	V8/4.4L			94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2006-05	V6/4.0L			49 ⁹	720	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
Land Rover • LR4											
2016-14	V6/3.0L			94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2014	V6/3.0L	Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2013-10	V8/5.0L			94R	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Land Rover • Range Rover											
2017-16	V6/3.0L	Dsl, Aux for Start-Stop	●	N/A ^{33,45,50,54}	200	-	-	-	-	-	-
2017-16	V6/3.0L	Dsl, Cold Climate	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2017-16	V6/3.0L	Dsl, Ex Cold Climate	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2017-14	V6/3.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2017-14	V6/3.0L	Aux for Start-Stop	●	N/A ^{33,45,50,54}	200	-	-	-	-	-	-
2017-13	V8/5.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2017-13	V8/5.0L	Aux for Start-Stop	●	N/A ^{33,45,50,54}	200	-	-	-	-	-	-
2012	V8/5.0L		●	49 ^{33,54}	850	-	MTX-49/H8	-	-	-	-
2012-10	V8/5.0L	Aux		N/A ⁴⁵	500	-	-	-	-	-	-
2011	V8/5.0L	Opt up to VIN BA346442	○	49	950	-	MTX-49/H8 ⁴⁸	-	-	-	-
2011	V8/5.0L	Up to VIN BA346442	○	49	800	-	MTX-49/H8	-	-	-	-
2011	V8/5.0L	VIN BA346443 to BA349790	○	49	950	-	MTX-49/H8 ⁴⁸	-	-	-	-
2011	V8/5.0L	VIN BA349791 up	●	49 ^{33,54}	850	-	MTX-49/H8	-	-	-	-
2010	V8/5.0L		○	49	800	-	MTX-49/H8	-	-	-	-
2010	V8/5.0L	Opt on VIN AA309295 up	○	49	950	-	MTX-49/H8 ⁴⁸	-	-	-	-
2009-07	V8/4.4L		○	49	800	-	MTX-49/H8	-	-	-	-
2009-07	V8/4.2L		○	49	800	-	MTX-49/H8	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Land Rover • Range Rover (continued)											
2009-06	V8/4.2L	Aux		N/A ⁴⁵	500	-	-	-	-	-	-
2009-03	V8/4.4L	Aux		N/A ⁴⁵	500	-	-	-	-	-	-
2006	V8/4.2L		●	95R	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2006-03	V8/4.4L		●	95R	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2002	V8/4.6L			30H	900	-	-	-	-	-	29H-VHD ⁴⁸
2001-99	V8/4.6L			30H	900	-	-	-	-	-	29H-VHD ⁴⁸
2001-99	V8/4.6L	Bosch IGN from VIN XA410482		31A ⁹	600	-	-	-	-	-	31P-VHD
2000-99	V8/4.0L			30H	900	-	-	-	-	-	29H-VHD ⁴⁸
2000-99	V8/4.0L	Bosch IGN from VIN XA410482		31A ⁹	600	-	-	-	-	-	31P-VHD
1995-94	V8/4.2L	Classic Series I		34 ⁹	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1994	V8/4.2L	US		24 ⁹	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1994	V8/4.2L	Can		24 ⁹	900	-	-	MTP-24 ⁴⁸	-	-	-
1993	V8/4.2L	U.S.		24 ⁹	600	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1993	V8/4.2L	Can		24 ⁹	900	-	-	MTP-24 ⁴⁸	-	-	-
Land Rover • Range Rover Evoque											
2017-14	L4/2.0L		●	94R ^{33,50,54}	800	-	MTX-94R/H7	-	-	-	-
2017-14	L4/2.0L	Aux	●	N/A ^{33,45,50,54}	200	-	-	-	-	-	-
2013-12	L4/2.0L		●	94R ⁵⁰	700	-	MTX-94R/H7	MTP-94R/H7	-	-	-
Land Rover • Range Rover Sport											
2017	V6/3.0L	Dsl, Cold Climate	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2017-16	V6/3.0L	Dsl, Aux for Start-Stop	●	N/A ^{33,45,50,54}	200	-	-	-	-	-	-
2017-16	V6/3.0L	Dsl, Ex Cold Climate	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2017-14	V8/5.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2017-14	V8/5.0L	Aux for Start-Stop	●	N/A ^{33,45,50,54}	200	-	-	-	-	-	-
2017-14	V6/3.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2017-14	V6/3.0L	Aux for Start-Stop	●	N/A ^{33,45,50,54}	200	-	-	-	-	-	-
2016	V6/3.0L	Dsl, Cold Climate	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2013-10	V8/5.0L		●	94R	700	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2009-07	V8/4.4L		●	94R	700	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2009-07	V8/4.2L		●	94R	700	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2006	V8/4.4L		●	94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2006	V8/4.2L		●	94R	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Lexus • CT200h											
2017-11	L4/1.8L	Hybrid	●	S46B24R ^{33,45,50,55}	325	-	MTX-S46B24R	-	-	-	-
Lexus • ES250											
1991-90	V6/2.5L			35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Lexus • ES300											
2003-02	V6/3.0L			35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2003-02	V6/3.0L	Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Lexus • ES300h											
2018-13	L4/2.5L	Hybrid	●	S65D26R ^{33,45,50,61}	450	-	-	-	-	-	-
Lexus • ES330											
2006-04	V6/3.3L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Lexus • ES350											
2018-07	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Lexus • GS F											
2019	V8/5.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
2018-16	V8/5.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • GS200t											
2016	L4/2.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • GS300											
2019-18	L4/2.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
2006	V6/3.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
2005-98	L6/3.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • GS350											
2019-18	V6/3.5L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
2017-13	V6/3.5L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
2011-07	V6/3.5L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • GS430											
2007-02	V8/4.3L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • GS450h											
2018-13	V6/3.5L	Hybrid	●	S65D26L ^{33,45,50,61}	360	-	-	-	-	-	-
2011-07	V6/3.5L	Hybrid	●	S65D26L ^{33,45,50,61}	360	-	-	-	-	-	-
Lexus • GS460											
2011-08	V8/4.6L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Lexus • GX460											
2019-10	V8/4.6L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Lexus • GX470											
2009-03	V8/4.7L			27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Lexus • HS250h											
2012-10	L4/2.4L	Hybrid	●	S55D23R ^{33,45,50,55,61}	360	-	-	-	-	-	-
Lexus • IS F											
2014-08	V8/5.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • IS200t											
2016	L4/2.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • IS250											
2015-06	V6/2.5L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • IS300											
2019-18	L4/2.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
2019-16	V6/3.5L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
2005-02	L6/3.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
2001	L6/3.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • IS350											
2019-06	V6/3.5L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • LC500											
2019-18	V8/5.0L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2019-18	V8/5.0L	Cold Climate		94R ⁵⁰	690	-	MTX-94R/H7	MTP-94R/H7	-	-	-
Lexus • LC500h											
2019-18	V6/3.5L	Hybrid		48 ⁵⁰	690	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
Lexus • LFA											
2012	V10/ 4.8L		●	S75D31R ^{33,45,50,55,61}	450	-	-	-	-	-	-
Lexus • LS430											
2006-01	V8/4.3L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Lexus • LS460											
2017-13	V8/4.6L	w/o PTCHeater		24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
2017-13	V8/4.6L	w/PTC Heater		27	660	MTZ-34 ¹	-	-	MT-27	M-27	-
2012-07	V8/4.6L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • LS500											
2019-18	V6/3.5L	Ex Executive, Luxury, F Sport Plus Pkg		48 ⁵⁰	605	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2019-18	V6/3.5L	Executive, Luxury, F Sport Plus Pkg		49 ⁵⁰	795	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2019-18	V6/3.5L	Opt F Sport Interior Upgrade Pkg		94R ⁵⁰	690	-	MTX-94R/H7	MTP-94R/H7	-	-	-
Lexus • LS500h											
2019-18	V6/3.5L	Hybrid, Ex Executive Pkg		48 ⁵⁰	605	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2019-18	V6/3.5L	Hybrid, Opt or Executive Pkg		49 ⁵⁰	795	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
Lexus • LS600h											
2016-08	V8/5.0L	Hybrid	●	S75D31L ^{33,45,50,61}	450	-	-	-	-	-	-
Lexus • LX470											
2007-03	V8/4.7L		○	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2002	V8/4.7L		○	27F	585	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
Lexus • LX570											
2019-13	V8/5.7L		○	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2011-08	V8/5.7L		○	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
Lexus • NX200t											
2017-15	L4/2.0L			24F	580	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Lexus • NX300											
2019-18	L4/2.0L			24F	580	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Lexus • NX300h											
2019-18	L4/2.5L	Hybrid		47 ⁵⁰	460	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2017	L4/2.5L	Hybrid		47 ⁵⁰	460	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2016-15	L4/2.5L	Hybrid		47 ⁵⁰	460	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
Lexus • RC F											
2019-15	V8/5.0L			148 (H6R)	595	-	-	MTP-H6R	-	-	-
Lexus • RC200t											
2016	L4/2.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • RC300											
2019-18	L4/2.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
2019-16	V6/3.5L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • RC350											
2019-15	V6/3.5L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
Lexus • RX300											
2003-02	V6/3.0L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Lexus • RX330											
2006-04	V6/3.3L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Lexus • RX350											
2019-16	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2015-10	V6/3.5L			24F ⁵⁵	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2009-07	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Lexus • RX350L											
2019-18	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Lexus • RX400h											
2008-06	V6/3.3L	Hybrid		51R	435	-	-	-	MT-51R	-	-
Lexus • RX450h											
2019-17	V6/3.5L	Hybrid	●	47 ^{33,50,55}	460	-	MTX-47/H5	-	-	-	-
2016	V6/3.5L	Hybrid	●	47 ^{33,50,55}	460	-	MTX-47/H5 ⁴⁸	-	-	-	-
2015-10	V6/3.5L	Hybrid	●	S55D23L ^{33,45,50,55,61}	360	-	-	-	-	-	-
Lexus • RX450hL											
2019-18	V6/3.5L	Hybrid	●	S55D23L ^{33,45,50,55,61}	360	-	-	-	-	-	-
Lexus • SC430											
2010-03	V8/4.3L			48	585	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2002	V8/4.3L			48	625	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
Lexus • UX200											
2019	L4/2.0L			48	590	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
Lexus • UX250h											
2019	L4/2.0L	Hybrid		140R ⁵⁰	285	-	-	-	-	-	-
Lincoln • Aviator											
2021-20	V6/3.0L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2021-20	V6/3.0L	Aux	●	N/A ^{33,45,50}	100	-	-	-	-	-	-
2021-20	V6/3.0L	Opt	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2005-03	V8/4.6L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Lincoln • Blackwood											
2002	V8/5.4L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Lincoln • Continental											
2020-19	V6/3.7L	Livery	●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2020-19	V6/3.7L	Non Livery	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2020-19	V6/3.0L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2020-19	V6/2.7L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2018	V6/3.0L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-17	V6/3.7L	Livery		94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-17	V6/3.7L	Non Livery		48	610	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2018-17	V6/2.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2017	V6/3.0L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2002	V8/4.6L			65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2001-97	V8/4.6L			65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
1996-95	V8/4.6L			65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-
1994	V6/3.8L	Opt		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-
Lincoln • Corsair											
2020	L4/2.3L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2020	L4/2.0L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
Lincoln • LS											
2006-02	V8/3.9L			66 ⁵⁰	650	-	-	-	MT-66	-	-
2005-02	V8/3.9L	Opt		66 ⁵⁰	750	-	-	-	MT-66	-	-
2005-02	V6/3.0L			66 ⁵⁰	650	-	-	-	MT-66	-	-
2005-02	V6/3.0L	Opt		66 ⁵⁰	750	-	-	-	MT-66	-	-
2001	V8/3.9L	Opt		66 ⁵⁰	750	-	-	-	MT-66	-	-
2001	V6/3.0L	Opt		66 ⁵⁰	750	-	-	-	MT-66	-	-
2001-00	V8/3.9L			66 ⁵⁰	650	-	-	-	MT-66	-	-
Lincoln • Mark LT											
2008-06	V8/5.4L			59	540	-	-	-	MT-59	-	-
2008-06	V8/5.4L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Lincoln • MKC											
2019-17	L4/2.0L	w/o Start-Stop		48	610	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2019-17	L4/2.0L	w/Start-Stop	●	48 ³³	760	-	MTX-48/H6	-	-	-	-
2018-15	L4/2.3L			48	610	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016-15	L4/2.0L			48	610	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
Lincoln • MKS											
2016-10	V6/3.5L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2016-09	V6/3.7L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Lincoln • MKT											
2019-13	V6/3.7L			65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2019-13	V6/3.5L			65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2016-13	L4/2.0L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2012-10	V6/3.7L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2012-10	V6/3.7L	Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2012-10	V6/3.5L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2012-10	V6/3.5L	Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
Lincoln • MKX											
2018-17	V6/3.7L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2018-17	V6/2.7L	w/o Start-Stop		94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-17	V6/2.7L	w/Start-Stop	●	94R ³³	800	-	MTX-94R/H7	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Lincoln • MKX (continued)											
2016	V6/3.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2016	V6/2.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2015-11	V6/3.7L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2010-07	V6/3.5L			36R	650	-	-	-	MT-36R	-	-
Lincoln • MKZ											
2020-19	V6/3.0L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2020-19	L4/2.0L	Gas	●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2020-17	L4/2.0L	Hybrid		90 ⁵⁰	590	-	-	MTP-90/T5	-	-	-
2018	V6/3.0L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-17	L4/2.0L	Start-Stop	●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2018-17	L4/2.0L	Gas		94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2017	V6/3.0L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2016	L4/2.0L	Hybrid	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016-13	V6/3.7L			90	590	-	-	MTP-90/T5	-	-	-
2016-13	L4/2.0L	Gas		90	590	-	-	MTP-90/T5	-	-	-
2015-13	L4/2.0L	Hybrid		67R ⁵⁰	390	-	-	MTP-67R	-	-	-
2012-11	L4/2.5L	Hybrid		67R	390	-	-	MTP-67R	-	-	-
2012-10	V6/3.5L			96R	500	-	-	MTP-96R	-	-	-
2009-07	V6/3.5L			96R	590	-	-	MTP-96R	-	-	-
Lincoln • Nautilus											
2020-19	V6/2.7L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
2020-19	L4/2.0L		●	94R ³³	800	-	MTX-94R/H7	-	-	-	-
Lincoln • Navigator											
2020-18	V6/3.5L		●	49 ³³	850	-	MTX-49/H8	-	-	-	-
2017-15	V6/3.5L			65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2014	V8/5.4L			65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2013-07	V8/5.4L	w/Climate seats		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2013-07	V8/5.4L	Ex Climate Seats		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-98	V8/5.4L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-98	V8/5.4L	Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
Lincoln • Town Car											
2011-06	V8/4.6L	Long Wheel Base	○	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2011-06	V8/4.6L	Short Wheel Base	○	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2005-97	V8/4.6L	Ex Limousine	○	65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2005-99	V8/4.6L	Opt & Limo	○	65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
1996-95	V8/4.6L	Ex HWS or Limo		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1996-95	V8/4.6L	HWS or HD, Limo		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-
1990	V8/5.0L	Ex HWS		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1990	V8/5.0L	w/HWS		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-
Lincoln • Zephyr											
2006	V6/3.0L			40R	590	-	-	-	MT-40R	-	-
Lotus • Elise											
2009-08	L4/1.8L			47 ⁵⁰	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2007-05	L4/1.8L			26R	550	-	-	-	MT-26R	-	-
Lotus • Exige											
2009-08	L4/1.8L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2007-06	L4/1.8L			26R	550	-	-	-	MT-26R	-	-
Maserati • Coupe											
2007-03	V8/4.2L			48 ^{50,54}	785	-	-	-	-	-	-
Maserati • Ghibli											
2019-14	V6/3.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Maserati • GranSport											
2007-05	V8/4.2L			48 ⁵⁰	-	-	-	-	-	-	-
Maserati • GranTurismo											
2019-09	V8/4.7L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2011-08	V8/4.2L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Maserati • Levante											
2019	V8/3.8L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2019-17	V6/3.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Maserati • Quattroporte											
2019-14	V8/3.8L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2019-14	V6/3.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2013-09	V8/4.7L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2011-04	V8/4.2L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Maserati • Spyder											
2006-02	V8/4.2L			48 ^{50,54}	785	-	-	-	-	-	-
Maybach • 57											
2012-06	V12/6.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2012-06	V12/6.0L	Opt	●	49 ^{33,50,54}	950	-	MTX-49/H8	-	-	-	-
2012-03	V12/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2012-03	V12/5.5L	Opt	●	49 ^{33,50,54}	950	-	MTX-49/H8	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Maybach • 62											
2012-07	V12/6.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2012-07	V12/6.0L	Opt	●	49 ^{33,50,54}	950	-	MTX-49/H8	-	-	-	-
2012-03	V12/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2012-03	V12/5.5L	Opt	●	49 ^{33,50,54}	950	-	MTX-49/H8	-	-	-	-
Mazda • 2											
2014-11	L4/1.5L			21R	350	-	MTX-35	MTP-35	MT-35	M-35	-
2014-11	L4/1.5L	Can & Cold Climate		35	525	-	MTX-35	MTP-35	MT-35	M-35HC	-
Mazda • 3											
2020-19	L4/2.5L	Japan Built		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2020-19	L4/2.5L	Mexico Built		47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2019	L4/2.0L	Japan Built		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2019	L4/2.0L	Mexico Built		47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2018-15	L4/2.5L	Ex i-ELOOP		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2018-15	L4/2.5L	i-ELOOP		35 ⁵⁹	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2018-15	L4/2.0L	Ex i-ELOOP		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2018-15	L4/2.0L	i-ELOOP		35 ⁵⁹	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2014-12	L4/2.0L	SKYACTIV		35	525	-	MTX-35	MTP-35	MT-35	M-35HC	-
2014-11	L4/2.5L			21R	350	-	MTX-35	MTP-35	MT-35	M-35	-
2014-11	L4/2.5L	Can & Cold Climate		35	525	-	MTX-35	MTP-35	MT-35	M-35HC	-
2014-11	L4/2.0L			21R	350	-	MTX-35	MTP-35	MT-35	M-35	-
2014-11	L4/2.0L	Can & Cold Climate		35	525	-	MTX-35	MTP-35	MT-35	M-35HC	-
2013-11	L4/2.3L			35	525	-	MTX-35	MTP-35	MT-35	M-35HC	-
2010	L4/2.5L	AT		35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2010	L4/2.5L	MT		26R	310	-	-	-	MT-26R	-	-
2010-08	L4/2.3L	AT		35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2010-08	L4/2.3L	MT		26R	310	-	-	-	MT-26R	-	-
2010-08	L4/2.0L	AT		35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2010-08	L4/2.0L	MT		26R	310	-	-	-	MT-26R	-	-
2007	L4/2.3L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2007	L4/2.3L	Cold Climate		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2007	L4/2.0L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2007	L4/2.0L	Cold Climate		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006	L4/2.0L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2006-04	L4/2.3L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2005	L4/2.0L			21R	350	-	MTX-35	MTP-35	MT-35	M-35	-
2005-04	L4/2.0L	Opt		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2004	L4/2.0L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	-
Mazda • 3 Sport											
2020-19	L4/2.5L	Japan Built		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2020-19	L4/2.5L	Mexico Built		47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2020-19	L4/2.0L	Japan Built		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2020-19	L4/2.0L	Mexico Built		47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2018-15	L4/2.5L	Ex i-ELOOP		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2018-15	L4/2.5L	i-ELOOP		35 ⁵⁹	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2018-15	L4/2.0L	Ex i-ELOOP		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2018-15	L4/2.0L	i-ELOOP		35 ⁵⁹	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2014-12	L4/2.0L	SKYACTIV		35	525	-	MTX-35	MTP-35	MT-35	M-35HC	-
2014-11	L4/2.5L			21R	350	-	MTX-35	MTP-35	MT-35	M-35	-
2014-11	L4/2.5L	Can & Cold Climate		35	525	-	MTX-35	MTP-35	MT-35	M-35HC	-
2014-11	L4/2.0L			21R	350	-	MTX-35	MTP-35	MT-35	M-35	-
2014-11	L4/2.0L	Can & Cold Climate		35	525	-	MTX-35	MTP-35	MT-35	M-35HC	-
2010	L4/2.5L	AT		35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2010	L4/2.5L	MT		26R	310	-	-	-	MT-26R	-	-
2010-09	L4/2.0L	AT		35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2010-09	L4/2.0L	MT		26R	310	-	-	-	MT-26R	-	-
Mazda • 323											
1995-91	L4/1.6L			35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1994-93	L4/1.8L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1994-93	L4/1.8L	Opt		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1991-90		Ex Calf		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1991	L4/1.6L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1991	L4/1.8L	California or HD		21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1990	L4/1.8L	Calif		21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1990	L4/1.8L	Opt		35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1990	L4/1.6L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1990	L4/1.6L	Opt		35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Mazda • 5											
2017-12	L4/2.5L	AT		35	550	-	MTX-35	MTP-35	MT-35	-	-
2017-12	L4/2.5L	MT		26R	540	-	-	-	MT-26R	-	-
2010	L4/2.3L	AT		35	550	-	MTX-35	MTP-35	MT-35	-	-
2010	L4/2.3L	MT		26R	540	-	-	-	MT-26R	-	-
2009	L4/2.3L	AT		35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2009	L4/2.3L	MT		26R	310	-	-	-	MT-26R	-	-
2008-06	L4/2.3L			35	550	-	MTX-35	MTP-35	MT-35	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mazda • 6											
2020-19	L4/2.5L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2018-14	L4/2.5L	Ex i-ELOOP		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2018-14	L4/2.5L	i-ELOOP		35 ⁵⁹	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2013-09	V6/3.7L			96R	590	-	-	MTP-96R	-	-	-
2013-09	L4/2.5L			96R	590	-	-	MTP-96R	-	-	-
2008	V6/3.0L			40R	590	-	-	-	MT-40R	-	-
2008	L4/2.3L			40R	590	-	-	-	MT-40R	-	-
2007	V6/3.0L			40R	585	-	-	-	MT-40R	-	-
2007-06	L4/2.3L	Mazdaspeed		35	550	-	MTX-35	MTP-35	MT-35	-	-
2007-06	L4/2.3L	Ex Mazdaspeed		40R	585	-	-	-	MT-40R	-	-
2006-03	V6/3.0L			40R	590	-	-	-	MT-40R	-	-
2005-03	L4/2.3L			40R	590	-	-	-	MT-40R	-	-
Mazda • 626											
2002-98	V6/2.5L			36R	580	-	-	-	MT-36R	-	-
2002-98	L4/2.0L			36R	580	-	-	-	MT-36R	-	-
1997-93	L4/2.0L			58R	580	-	-	-	MT-58R	M-58R	-
1997-93	V6/2.5L			58R	580	-	-	-	MT-58R	M-58R	-
1992-91	L4/2.2L	Cold Climate Pkg		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1990	L4/2.2L	Opt		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Mazda • 929											
1991-90	V6/3.0L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Mazda • B2200											
1990	L4/2.2L	Opt		24	490	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-75DT ^{1C}
Mazda • B2300											
2010-02	L4/2.3L			59	540	-	-	-	MT-59	-	-
1997-94	L4/2.3L	Opt		65	540	MTZ-65	MTX-65	-	-	-	-
1996-94	L4/2.3L			58	540	-	-	-	MT-58	-	-
Mazda • B2600											
1990	L4/2.6L			21	310	MTZ-75DT	-	-	MT-25	M-25	MTP-75DT ^{1C}
1990	L4/2.6L	Opt		24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ^{1B}
Mazda • B3000											
2008-98	V6/3.0L			59	540	-	-	-	MT-59	-	-
1997-94	V6/3.0L			58	540	-	-	-	MT-58	-	-
Mazda • B4000											
2010-98	V6/4.0L			59	540	-	-	-	MT-59	-	-
1997-94	V6/4.0L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Mazda • CX-3											
2020-16	L4/2.0L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
Mazda • CX-30											
2021-20	L4/2.5L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2020	L4/2.0L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Mazda • CX-5											
2020-19	L4/2.5L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2019	L4/2.2L	Dsl		27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2018	L4/2.5L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2017-14	L4/2.5L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2016-13	L4/2.0L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
Mazda • CX-7											
2012-10	L4/2.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2012-10	L4/2.3L	Can		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2012-10	L4/2.3L	US		35	525	-	MTX-35	MTP-35	MT-35	M-35HC	-
2009-07	L4/2.3L			35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Mazda • CX-9											
2020-16	L4/2.5L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2015-08	V6/3.7L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2007	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Mazda • Miata											
2005-02	L4/1.8L			46A24L ^{45,50}	320	-	-	-	MT-MX-5	-	-
1997-94	L4/1.8L			46A24L ⁵⁰	320	-	-	-	MT-MX-5	-	-
1993-90	L4/1.6L			46A24L ⁵⁰	320	-	-	-	MT-MX-5	-	-
Mazda • Millenia											
2002	V6/2.5L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2002	V6/2.5L	Opt		24F	490	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2002	V6/2.3L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2002	V6/2.3L	Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2001	V6/2.5L			35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2001	V6/2.5L	Opt		24F	490	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
2001	V6/2.3L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2000-95	V6/2.3L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2000-95	V6/2.5L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mazda • MPV											
2006-02	V6/3.0L			35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2006-02	V6/3.0L	Opt		24F	490	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	MTP-78DT ^{1B}
2001-00	V6/2.5L	Opt		24F	490	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
2001-00	V6/2.5L			35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Mazda • MX-3											
1996-95	L4/1.6L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
1994	V6/1.8L	Calif		21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
1994	V6/1.8L			24F	630	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
1994	V6/1.8L	Ex Calif		35	420	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1994-92	L4/1.6L	MT		21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
1994-92	L4/1.6L	HD w/AT		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1993-92	V6/1.8L			35	420	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Mazda • MX-5 Miata											
2020-06	L4/2.0L			51R	340	-	-	-	MT-51R	-	-
Mazda • MX-6											
1997-93	L4/2.0L			58R	580	-	-	-	MT-58R	M-58R	-
1997-93	V6/2.5L			58R	580	-	-	-	MT-58R	M-58R	-
1992-91	L4/2.2L			35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Mazda • Protege											
2003	L4/2.0L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	MT-26R
2003-02	L4/2.0L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	MT-26R
2003-02	L4/2.0L	Opt		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2003-02	L4/1.6L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	MT-26R
2003-02	L4/1.6L	Opt		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2001	L4/2.0L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
2001	L4/2.0L	Opt		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2001	L4/1.6L	Opt		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2000-99	L4/1.8L			35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2000-99	L4/1.6L	Opt		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1994-92	L4/1.8L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
1994-92	L4/1.8L	Opt		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1991-90	L4/1.8L	Ex Calif		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1990	L4/1.8L	Calif		21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
1990	L4/1.8L	Opt		35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Mazda • Protege5											
2003-02	L4/2.0L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	MT-26R
2003-02	L4/2.0L	Opt		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
Mazda • RX-7											
1995-94	R2/1.3L	Can, w/AT		24F	490	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
1995-94	R2/1.3L	MT		35	420	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1993	R2/1.3L	Opt		24F	495	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
1993	R2/1.3L			35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1991-90	R2/1.3L	Can & Opt		35	405	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1990	R2/1.3L	US		21R	320	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
Mazda • RX-8											
2011	R2/1.3L	Can		35	525	-	MTX-35	MTP-35	MT-35	M-35HC	-
2011	R2/1.3L	US		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2010	R2/1.3L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2009-04	R2/1.3L			35 ⁹	640	-	MTX-35	MTP-35	-	-	-
Mazda • Tribute											
2011	V6/3.0L			96R	590	-	-	MTP-96R	-	-	-
2011	L4/2.5L			96R	590	-	-	MTP-96R	-	-	-
2010	V6/3.0L			40R	650	-	-	-	MT-40R	-	-
2010	L4/2.5L	Gas		40R	650	-	-	-	MT-40R	-	-
2010-09	L4/2.5L	Hybrid		96R	500	-	-	MTP-96R	-	-	-
2009	L4/2.5L	Gas		40R	590	-	-	-	MT-40R	-	-
2009-08	V6/3.0L			40R	590	-	-	-	MT-40R	-	-
2008	L4/2.3L	Gas		40R	590	-	-	-	MT-40R	-	-
2008	L4/2.3L	Hybrid		96R	500	-	-	MTP-96R	-	-	-
2006-05	L4/2.3L			40R	590	-	-	-	MT-40R	-	-
2006-04	V6/3.0L			40R	590	-	-	-	MT-40R	-	-
2004-02	L4/2.0L			96R	500	-	-	MTP-96R	-	-	-
2003-02	V6/3.0L			40R	590	-	-	-	MT-40R	-	-
2001	V6/3.0L			40R	590	-	-	-	MT-40R	-	-
Mercedes-Benz • 300CE											
1993	L6/3.2L			48	550	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Mercedes-Benz • 300D											
1993-92	L5/2.5L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
1991-90	L5/2.5L			49	740	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • 300E											
1993	L6/3.2L			48	550	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1993	L6/2.8L			48	550	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • 300SD											
1993-92	L6/3.4L	Dsl		49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • 300SE											
1993-92	L6/3.2L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
1991-90	L6/3.0L			49	740	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • 300SEL											
1991-90	L6/3.0L			49	740	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • 300SL											
1993-92	L6/3.0L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
1991-90	L6/3.0L			49	740	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • 300TE											
1993	L6/3.2L			48	550	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Mercedes-Benz • 350SDL											
1991-90	L6/3.4L	Dsl		49	740	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • 400E											
1993-92	V8/4.2L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • 400SEL											
1993	V8/4.2L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • 420SEL											
1991-90	V8/4.2L			49	740	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • 500E											
1993-92	V8/5.0L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • 500SEC											
1993	V8/5.0L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • 500SEL											
1993-92	V8/5.0L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • 500SL											
1993-92	V8/5.0L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
1991-90	V8/5.0L			49	740	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • 560SEC											
1991-90	V8/5.6L			49	740	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • 560SEL											
1991-90	V8/5.6L			49	740	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • 600SEC											
1993	V12/6.0L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • 600SEL											
1993-92	V12/6.0L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • 600SL											
1993	V12/6.0L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • A220											
2021-19	L4/2.0L		●	47 ^{33,50,56}	680	-	MTX-47/H5	-	-	-	-
2021-19	L4/2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2021-19	L4/2.0L	Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2021-19	L4/2.0L	Opt	●	94P ^{33,50,56}	800	-	MTX-94R/H7	-	-	-	-
Mercedes-Benz • A250											
2021-19	L4/2.0L		●	47 ^{33,50,56}	680	-	MTX-47/H5	-	-	-	-
2021-19	L4/2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2021-19	L4/2.0L	Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2021-19	L4/2.0L	Opt	●	94P ^{33,50,56}	800	-	MTX-94R/H7	-	-	-	-
Mercedes-Benz • A35 AMG											
2020	L4/2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Mercedes-Benz • AMG GT											
2019-17	V8/4.0L		●	47 ^{33,50,56}	680	-	MTX-47/H5	-	-	-	-
2019-17	V8/4.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2019-17	V8/4.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2019-17	V8/4.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
Mercedes-Benz • AMG GT C											
2019-18	V8/4.0L		●	47 ^{33,50,56}	680	-	MTX-47/H5	-	-	-	-
2019-18	V8/4.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2019-18	V8/4.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
Mercedes-Benz • AMG GT R											
2019-18	V8/4.0L		●	47 ^{33,50,56}	680	-	MTX-47/H5	-	-	-	-
2019-18	V8/4.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2019-18	V8/4.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
Mercedes-Benz • AMG GT S											
2019-16	V8/4.0L		●	47 ^{33,50,56}	680	-	MTX-47/H5	-	-	-	-
2019-16	V8/4.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2019-16	V8/4.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2019-16	V8/4.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • B Electric Drive											
2015-14	Electric		●	47 ^{33,54}	680	-	MTX-47/H5	-	-	-	-
Mercedes-Benz • B200											
2011-06	L4/2.0L			48 ^{50,54}	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2011-06	L4/2.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • B250											
2019-13	L4/2.0L		●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2019-13	L4/2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2019-13	L4/2.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2019-13	L4/2.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
Mercedes-Benz • B250e											
2017-16	Electric		●	47 ^{33,50,54}	680	-	MTX-47/H5	-	-	-	-
Mercedes-Benz • C220											
1996-94	L4/2.2L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • C230											
2009-08	V6/2.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2009-06	V6/2.5L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2005-03	L4/1.8L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2002	L4/2.3L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • C240											
2005-04	V6/2.6L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2003	V6/2.6L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2002	V6/2.6L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2001	V6/2.6L	w/o AGM		49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • C250											
2015-12	L4/1.8L			48 ^{50,56}	680	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2015-12	L4/1.8L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2015-12	L4/1.8L	Opt		47 ^{50,56}	480	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2015-12	L4/1.8L	Opt	●	47 ^{33,50,54,56}	680	-	MTX-47/H5	-	-	-	-
2015-12	L4/1.8L	Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2015-12	L4/1.8L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2015-12	L4/1.8L	Opt		94R ^{50,56}	700	-	MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-	-
2014-12	L4/1.8L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2012	V6/2.5L	Opt		47 ^{50,56}	480	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2012	V6/2.5L	Opt	●	47 ^{33,50,54,56}	680	-	MTX-47/H5	-	-	-	-
2012-10	V6/2.5L			48 ^{50,56}	680	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2012-10	V6/2.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2012-10	V6/2.5L	Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2012-10	V6/2.5L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2012-10	V6/2.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2012-10	V6/2.5L	Opt		94R ^{50,56}	700	-	MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-	-
Mercedes-Benz • C280											
2007-06	V6/3.0L			48 ^{50,54}	760	-	MTX-48/H6	-	-	-	-
1997-94	L6/2.8L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • C300											
2018	L4/2.0L		●	47 ^{33,50,54,56}	680	-	MTX-47/H5	-	-	-	-
2018	L4/2.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2018-15	L4/2.0L	Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2018-15	L4/2.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2018-15	L4/2.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
2017-16	L4/2.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2017-15	L4/2.0L		●	47 ^{33,50,54,56}	680	-	MTX-47/H5	-	-	-	-
2015	L4/2.0L	Opt, Li-ion Only		N/A ^{45,56,60}	-	-	-	-	-	-	-
2014-13	V6/3.5L			48 ^{50,56}	680	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2014-13	V6/3.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2014-13	V6/3.5L	Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2014-13	V6/3.5L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2014-13	V6/3.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2014-13	V6/3.5L	Opt		94R ^{50,56}	700	-	MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-	-
2012-08	V6/3.0L			48 ^{50,56}	680	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2012-08	V6/3.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2012-08	V6/3.0L	Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2012-08	V6/3.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2012-08	V6/3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2012-08	V6/3.0L	Opt		94R ^{50,56}	700	-	MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-	-
Mercedes-Benz • C32 AMG											
2004-03	V6/3.2L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2002	V6/3.2L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
Mercedes-Benz • C320											
2005-04	V6/3.2L			49 ^{50,54}	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2003	V6/3.2L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2002	V6/3.2L			49 ^{50,54}	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2001	V6/3.2L	w/o AGM		49 ^{50,54}	100Ah	-	-	MTP-49/H8	-	-	-
2001	V6/3.2L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • C350											
2015-08	V6/3.5L			94R ^{50,54}	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2015-08	V6/3.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2007-06	V6/3.5L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • C350e											
2018-16	L4/2.0L	Hybrid, Aux		N/A ^{45,50,56}	-	-	-	-	-	-	-
2018-16	L4/2.0L	Hybrid, Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2018-16	L4/2.0L	Hybrid, Opt		N/A ^{45,50,56}	-	-	-	-	-	-	-
2018-16	L4/2.0L	Hybrid, Opt, Li-ion Only		N/A ^{45,50,56,60}	-	-	-	-	-	-	-
2018-16	L4/2.0L	Hybrid	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • C400											
2015	V6/3.0L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2015	V6/3.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
Mercedes-Benz • C43 AMG											
2020-17	V6/3.0L		●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2020-17	V6/3.0L	Opt, Li-ion Only		N/A ^{45,56,60}	-	-	-	-	-	-	-
2020-17	V6/3.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2000-99	V8/4.3L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • C450 AMG											
2016	V6/3.0L		●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2016	V6/3.0L	Opt, Li-ion Only		N/A ^{45,50,56,60}	-	-	-	-	-	-	-
2016	V6/3.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
Mercedes-Benz • C55 AMG											
2006	V8/5.5L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2005	V8/5.5L			49 ^{50,54}	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • C63 AMG											
2019	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2019-18	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2019-17	V8/4.0L	Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2019-16	V8/4.0L		●	47 ^{33,50,56}	680	-	MTX-47/H5	-	-	-	-
2019-16	V8/4.0L	Opt, Li-ion Only		N/A ^{45,50,56,60}	-	-	-	-	-	-	-
2019-16	V8/4.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2018-17	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2017	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2015-08	V8/6.3L		●	48 ^{33,50,56}	800	-	-	-	-	-	-
2015-08	V8/6.3L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2015-08	V8/6.3L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • C63 AMG S											
2019	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2019-18	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2019-17	V8/4.0L	Aux		N/A ⁴⁵	-	-	-	-	-	-	-
2019-15	V8/4.0L		●	47 ^{33,50,56}	680	-	MTX-47/H5	-	-	-	-
2019-15	V8/4.0L	Opt, Li-ion Only		N/A ^{45,50,56,60}	-	-	-	-	-	-	-
2019-15	V8/4.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2018	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2017	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2017	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2015	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2015	V8/4.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • CL500											
2006	V8/5.0L		●	49 ^{33,54}	850	-	MTX-49/H8	-	-	-	-
2005-02	V8/5.0L			49 ^{50,54}	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • CL55 AMG											
2006	V8/5.5L		●	49 ^{33,54}	850	-	MTX-49/H8	-	-	-	-
2005-04	V8/5.5L			49 ^{50,54}	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2003	V8/5.5L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2002	V8/5.5L			49 ^{50,54}	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2001	V8/5.5L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • CL550											
2014-12	V8/4.7L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2014-11	V8/4.7L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2014-11	V8/4.7L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2014-11	V8/4.7L	On-Board Electrical System Battery	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2011	V8/4.7L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2010-07	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2010-07	V8/5.5L	Opt, On-Board Electrical System Battery	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2010-07	V8/5.5L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2010-07	V8/5.5L	On-Board Electrical System Battery	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • CL600											
2014-07	V12/ 5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2014-07	V12/ 5.5L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2014-07	V12/ 5.5L	On-Board Electrical System Battery	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2006-03	V12/ 5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2002	V12/ 5.8L			49 ^{50,54}	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2001	V12/ 5.8L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
1999-98	V12/ 6.0L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
1999-98	V12/ 6.0L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • CL63 AMG											
2014	V8/ 5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2014	V8/ 5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2014-11	V8/ 5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2013-12	V8/ 5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2013-12	V8/ 5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2011	V8/ 5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2011	V8/ 5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2010-08	V8/ 6.3L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2010-08	V8/ 6.3L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Mercedes-Benz • CL65 AMG											
2014-08	V12/ 6.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2014-08	V12/ 6.0L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2014-08	V12/ 6.0L	On-Board Electrical System Battery	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2006-05	V12/ 6.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • CLA250											
2020-14	L4/ 2.0L		●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2020-14	L4/ 2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2020-14	L4/ 2.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2020-14	L4/ 2.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
Mercedes-Benz • CLA35 AMG											
2020	L4/ 2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Mercedes-Benz • CLA45 AMG											
2020-14	L4/ 2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2019-14	L4/ 2.0L		●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2019-14	L4/ 2.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2019-14	L4/ 2.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
Mercedes-Benz • CLK320											
2005-02	V6/ 3.2L			49 ^{50,54}	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • CLK350											
2009-06	V6/ 3.5L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • CLK430											
2003-02	V8/ 4.3L			49 ^{50,54}	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • CLK500											
2006	V8/ 5.0L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2005-03	V8/ 5.0L			49 ^{50,54}	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • CLK55 AMG											
2006	V8/ 5.5L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2005-02	V8/ 5.5L			49 ^{50,54}	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2001	V8/ 5.5L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • CLK550											
2009-07	V8/ 5.5L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • CLK63 AMG											
2009-07	V8/ 6.3L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2008	V8/ 6.3L	Opt	●	48 ^{33,54}	760	-	MTX-48/H6	-	-	-	-
Mercedes-Benz • CLS400											
2016	V6/ 3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016	V6/ 3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016-15	V6/ 3.0L		●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2016-15	V6/ 3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016-15	V6/ 3.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2016-15	V6/ 3.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2015	V6/ 3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2015	V6/ 3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • CLS500											
2006	V8/ 5.0L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2006	V8/ 5.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2006	V8/ 5.0L	Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • CLS55 AMG											
2006	V8/ 5.5L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2006	V8/ 5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2006	V8/ 5.5L	Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • CLS550											
2018	V8/4.7L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2018-17	V8/4.7L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2018-12	V8/4.7L		●	48 ^{33,50,56}	800	-	-	-	-	-	-
2018-12	V8/4.7L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-12	V8/4.7L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2017	V8/4.7L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016	V8/4.7L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016-15	V8/4.7L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2015	V8/4.7L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2014	V8/4.7L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2014	V8/4.7L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2013	V8/4.7L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2013	V8/4.7L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2012	V8/4.7L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2012	V8/4.7L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2011-07	V8/5.5L			49 ^{50,56}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2011-07	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2011-07	V8/5.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • CLS63 AMG											
2014-12	V8/5.5L		●	48 ^{33,50,54}	800	-	-	-	-	-	-
2014-12	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2014-12	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2014-12	V8/5.5L	Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2011-07	V8/6.3L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2011-07	V8/6.3L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • CLS63 AMG S											
2018	V8/5.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2018-17	V8/5.5L		●	48 ^{33,50,56}	800	-	-	-	-	-	-
2018-17	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-17	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2018-17	V8/5.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2017	V8/5.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016	V8/5.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016	V8/5.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016-15	V8/5.5L		●	48 ^{33,50,56}	800	-	-	-	-	-	-
2016-15	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016-15	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2015	V8/5.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2015	V8/5.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2014	V8/5.5L		●	48 ^{33,50,56}	800	-	-	-	-	-	-
2014	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2014	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2014	V8/5.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2014	V8/5.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • E250											
2016	L4/2.1L	Dsl, Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2016	L4/2.1L	Dsl, Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016	L4/2.1L	Dsl, Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016-14	L4/2.1L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016-14	L4/2.1L	Dsl	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2016-14	L4/2.1L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2015	L4/2.1L	Dsl, Opt	●	48 ³³	800	-	-	-	-	-	-
2015	L4/2.1L	Dsl, Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2015	L4/2.1L	Dsl, Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2014	L4/2.1L	Dsl, Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2014	L4/2.1L	Dsl, Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2014	L4/2.1L	Dsl, Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • E280											
2007	V6/3.0L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2007	V6/3.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • E300											
2019	L4/2.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2019	L4/2.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2019	L4/2.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
2019	L4/2.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
2019	L4/2.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
2019-17	L4/2.0L		●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2019-17	L4/2.0L	Opt	●	47 ^{33,50,56}	680	-	MTX-47/H5	-	-	-	-
2019-17	L4/2.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2019-17	L4/2.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2018	L4/2.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2018	L4/2.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2018	L4/2.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
2018	L4/2.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • E300 (continued)											
2018-17	L4/2.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
2017	L4/2.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2017	L4/2.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2017	L4/2.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
2017	L4/2.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
2016	V6/3.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016	V6/3.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016-12	V6/3.5L		●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2016-12	V6/3.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016-12	V6/3.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2016-12	V6/3.5L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2015	V6/3.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2015-14	V6/3.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2014-13	V6/3.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2013	V6/3.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2012	V6/3.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2012	V6/3.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2009-08	V6/3.0L			48 ^{50,56}	680	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2009-08	V6/3.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2009-08	V6/3.0L	Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2009-08	V6/3.0L	Opt	●	49 ^{33,50,56}	760	-	MTX-49/H8	-	-	-	-
2009-08	V6/3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • E320											
2009-07	V6/3.0L	Dsl	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2009-07	V6/3.0L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2006	L6/3.2L	Dsl	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2006-05	L6/3.2L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2005	L6/3.2L	Dsl		49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
2005-03	V6/3.2L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2005-02	V6/3.2L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
2001	V6/3.2L	Sedan		49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2001	V6/3.2L	Wagon		49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2000-99	V6/3.2L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
1995-94	L6/3.2L	E320CA		49 ^{47,50}	100 Ah	-	-	MTP-49/H8	-	-	-
1994	L6/3.2L	Ex Cabriolet		48 ⁵⁰	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Mercedes-Benz • E350											
2016	V6/3.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2016-10	V6/3.5L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2016-10	V6/3.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016-06	V6/3.5L	Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2015	V6/3.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2014-10	V6/3.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2013-11	V6/3.0L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2013-11	V6/3.0L	Dsl	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2013-11	V6/3.0L	Dsl, Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2013-11	V6/3.0L	Dsl, Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2009-06	V6/3.5L			48 ^{50,54}	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2009-06	V6/3.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2009-06	V6/3.5L	Opt	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2009-06	V6/3.5L	Opt		49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
Mercedes-Benz • E400											
2018	V6/3.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2018	V6/3.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2018	V6/3.0L	Opt	●	47 ^{33,50,56}	680	-	MTX-47/H5	-	-	-	-
2018	V6/3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2018	V6/3.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
2018-15	V6/3.0L		●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2018-15	V6/3.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2017	V6/3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2017	V6/3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2017-15	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2017-15	V6/3.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2016	V6/3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2016	V6/3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2015	V6/3.5L	Hybrid, Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2015	V6/3.5L	Hybrid	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2015	V6/3.5L	Hybrid	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2015	V6/3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2015	V6/3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2014-13	V6/3.5L	Hybrid, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2014-13	V6/3.5L	Hybrid, Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2014-13	V6/3.5L	Hybrid	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • E420											
1997	V8/4.2L			48 ⁵⁰	690	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
1997	V8/4.2L			49 ^{47,50}	100 Ah	-	-	MTP-49/H8	-	-	-
1995-94	V8/4.2L			49 ^{47,50}	100 Ah	-	-	MTP-49/H8	-	-	-
1995-94	V8/4.2L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • E43 AMG											
2018	V6/3.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2018	V6/3.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2018-17	V6/3.0L		●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2018-17	V6/3.0L	Opt	●	47 ^{33,50,56}	680	-	MTX-47/H5	-	-	-	-
2018-17	V6/3.0L	Opt	●	48 ^{33,50,56}	800	-	-	-	-	-	-
2018-17	V6/3.0L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2018-17	V6/3.0L	Opt		N/A ^{45,56}	-	-	-	-	-	-	-
2017	V6/3.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2017	V6/3.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
Mercedes-Benz • E430											
2002	V8/4.3L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
2001	V8/4.3L			49 ^{47,50}	100 Ah	-	-	MTP-49/H8	-	-	-
Mercedes-Benz • E500											
2006	V8/5.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2006-03	V8/5.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2005-03	V8/5.0L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
1994	V8/5.0L			49 ^{47,50}	100 Ah	-	-	MTP-49/H8	-	-	-
1994	V8/5.0L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • E55 AMG											
2006	V8/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2006-03	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2005-04	V8/5.5L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
2003	V8/5.5L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2002	V8/5.5L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
2001-99	V8/5.5L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • E550											
2017	V8/4.7L			94R ^{50,54}	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2017-12	V8/4.7L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2016-12	V8/4.7L			94R ^{50,54}	700	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2016-12	V8/4.7L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2011-10	V8/5.5L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2011-10	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2011-10	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2009-07	V8/5.5L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2009-07	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2009-07	V8/5.5L	Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • E63 AMG											
2015-12	V8/5.5L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2015-12	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2015-12	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2011-10	V8/6.3L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2011-10	V8/6.3L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2011-07	V8/6.3L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2009-07	V8/6.3L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • E63 AMG S											
2016-14	V8/5.5L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2016-14	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016-14	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • G500											
2008-07	V8/5.0L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2008-02	V8/5.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2008-02	V8/5.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2006-02	V8/5.0L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
Mercedes-Benz • G55 AMG											
2011-07	V8/5.5L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2011-03	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2011-03	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2006-03	V8/5.5L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
2003	V8/5.5L	Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • G550											
2018-16	V8/4.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2018-16	V8/4.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-16	V8/4.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2015-09	V8/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2015-09	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2015-09	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • G550 4x4											
2018-17	V8/4.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-17	V8/4.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • G63 AMG											
2018-13	V8/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2018-13	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-13	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • G65 AMG											
2018-16	V12/6.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2018-16	V12/6.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-16	V12/6.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GL320											
2009-07	V6/3.0L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2009-07	V6/3.0L	Dsl		49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
Mercedes-Benz • GL350											
2016-13	V6/3.0L	Dsl, Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2016-10	V6/3.0L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016-10	V6/3.0L	Dsl	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • GL450											
2016-15	V6/3.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2016-15	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016-15	V6/3.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2014-13	V8/4.7L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2014-07	V8/4.7L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2014-07	V8/4.7L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Mercedes-Benz • GL550											
2016-13	V8/4.7L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2016-13	V8/4.7L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016-13	V8/4.7L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2012-08	V8/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2012-08	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Mercedes-Benz • GL63 AMG											
2016	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2016-13	V8/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2015-13	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2015-13	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLA250											
2020-15	L4/2.0L		●	48 ^{33,54}	760	-	MTX-48/H6	-	-	-	-
2020-15	L4/2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2020-15	L4/2.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLA45 AMG											
2019-15	L4/2.0L		●	48 ^{33,54}	760	-	MTX-48/H6	-	-	-	-
2019-15	L4/2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2019-15	L4/2.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLB250											
2020	L4/2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Mercedes-Benz • GLC300											
2018-16	L4/2.0L		●	47 ^{33,54}	680	-	MTX-47/H5	-	-	-	-
2018-16	L4/2.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2018-16	L4/2.0L	Opt	●	48 ^{33,54}	760	-	MTX-48/H6	-	-	-	-
Mercedes-Benz • GLC43 AMG											
2018-17	V6/3.0L		●	48 ^{33,54}	760	-	MTX-48/H6	-	-	-	-
2018-17	V6/3.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
Mercedes-Benz • GLE300d											
2017-16	L4/2.1L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2017-16	L4/2.1L	Dsl, Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2016	L4/2.1L	Dsl	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • GLE350											
2018-16	V6/3.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2018-16	V6/3.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-16	V6/3.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLE350d											
2016	V6/3.0L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016	V6/3.0L	Dsl	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2016	V6/3.0L	Dsl, Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLE400											
2019-16	V6/3.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2019-16	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2019-16	V6/3.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • GLE43 AMG											
2019-17	V6/3.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2019-17	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2019-17	V6/3.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLE450 AMG											
2016	V6/3.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2016	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016	V6/3.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLE550											
2018-16	V8/4.7L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2018-16	V8/4.7L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-16	V8/4.7L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLE550e											
2018-16	V6/3.0L	Hybrid, Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2018-16	V6/3.0L	Hybrid, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-16	V6/3.0L	Hybrid	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • GLE63 AMG											
2019-17	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2019-17	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2019-16	V8/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2016	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2016	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLE63 AMG S											
2019-16	V8/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2019-16	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2019-16	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLK250											
2015-13	L4/2.1L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2015-13	L4/2.1L	Dsl	●	48 ^{33,50,54}	800	-	-	-	-	-	-
2015-13	L4/2.1L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLK350											
2015-13	V6/3.5L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2015-10	V6/3.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2015-10	V6/3.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2012-10	V6/3.5L		●	48 ^{50,54}	680	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2012-10	V6/3.5L	Opt	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2012-10	V6/3.5L	Opt	●	48 ^{33,50,54}	800	-	-	-	-	-	-
2012-10	V6/3.5L	Opt	●	94R ^{50,54}	700	-	MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-	-
Mercedes-Benz • GLS350d											
2017	V6/3.0L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2017	V6/3.0L	Dsl	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2017	V6/3.0L	Dsl, Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLS450											
2019-17	V6/3.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2019-17	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2019-17	V6/3.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLS550											
2019-17	V8/4.7L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2019-17	V8/4.7L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2019-17	V8/4.7L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • GLS63 AMG											
2019-17	V8/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2019-17	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2019-17	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • Maybach S550											
2017	V8/4.7L		●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2017	V8/4.7L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2017	V8/4.7L	Opt	●	48 ^{33,50,54}	800	-	-	-	-	-	-
2017	V8/4.7L	Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2017	V8/4.7L	Opt	●	N/A ^{33,45,50,54}	950	-	-	-	-	-	-
Mercedes-Benz • Maybach S560											
2020-18	V8/4.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • Maybach S600											
2017-16	V12/6.0L		●	48 ^{33,54}	760	-	MTX-48/H6	-	-	-	-
2017-16	V12/6.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2017-16	V12/6.0L	Opt	●	49 ^{33,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • Maybach S650											
2020-18	V12/6.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • Metris											
2020-16	L4/2.0L			48 ^{50,54}	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2020-16	L4/2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2020-16	L4/2.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • Metris (continued)											
2020-16	L4/2.0L	Opt	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2020-16	L4/2.0L	Opt		49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
2020-16	L4/2.0L	Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • ML250											
2015	L4/2.1L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2015	L4/2.1L	Dsl	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2015	L4/2.1L	Dsl, Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • ML320											
2009	V6/3.0L	Dsl		49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
2009-07	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2008-07	V6/3.0L	Dsl		49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2003-02	V6/3.2L			49	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
Mercedes-Benz • ML350											
2015-12	V6/3.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2015-12	V6/3.0L	Dsl, Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2015-10	V6/3.0L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2015-10	V6/3.0L	Dsl	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2015-08	V6/3.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2015-06	V6/3.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2007-06	V6/3.5L		●	49 ^{33,50,54}	950	-	MTX-49/H8	-	-	-	-
2005-04	V6/3.7L			49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
2003	V6/3.7L			49	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
Mercedes-Benz • ML400											
2015	V6/3.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2015	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2015	V6/3.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • ML430											
2001-99	V8/4.3L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • ML450											
2011-10	V6/3.5L	Hybrid, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2011-10	V6/3.5L	Hybrid		49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
Mercedes-Benz • ML500											
2007	V8/5.0L			49 ^{50,54}	950	-	MTX-49/H8 ⁴⁸	-	-	M-49/H8	-
2007	V8/5.0L			49 ^{50,54}	950	-	MTX-49/H8 ⁴⁸	-	-	M-49/H8	-
2007-06	V8/5.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2006	V8/5.0L		●	49 ^{33,50,54}	950	-	MTX-49/H8	-	-	-	-
2005-02	V8/5.0L			49	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
Mercedes-Benz • ML55 AMG											
2003-02	V8/5.5L			49	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
Mercedes-Benz • ML550											
2015-12	V8/4.7L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2015-12	V8/4.7L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2015-12	V8/4.7L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2011-08	V8/5.5L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2011-08	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Mercedes-Benz • ML63 AMG											
2015-12	V8/5.5L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2015-12	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2015-12	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2011-07	V8/6.3L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2011-07	V8/6.3L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Mercedes-Benz • R320											
2009	V6/3.0L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2009-07	V6/3.0L	Dsl	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2008-07	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Mercedes-Benz • R350											
2013-10	V6/3.0L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2013-10	V6/3.0L	Dsl, Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
2013-10	V6/3.0L	Dsl	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2013-06	V6/3.5L		●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
2013-06	V6/3.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2013-06	V6/3.5L	Opt	●	49 ^{33,50,56}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • R500											
2007-06	V8/5.0L		●	49 ^{33,50,54}	950	-	MTX-49/H8	-	-	-	-
2007-06	V8/5.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Mercedes-Benz • R550											
2008	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Mercedes-Benz • R63 AMG											
2007	V8/6.3L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2007	V8/6.3L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • S350											
2013-12	V6/3.0L	Dsl, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2013-12	V6/3.0L	Dsl	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2013-12	V6/3.0L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2006	V6/3.7L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
1995-94	L6/3.4L	Dsl	●	49 ^{33, 50, 54}	760	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • S400											
2013-10	V6/3.5L	Hybrid, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2013-10	V6/3.5L	Hybrid, Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2013-10	V6/3.5L	Hybrid	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
Mercedes-Benz • S420											
1999-94	V8/4.2L				49	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	-	-
Mercedes-Benz • S430											
2006	V8/4.3L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2005-02	V8/4.3L		●	49 ^{33,50,54}	825	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • S450											
2020-18	V6/3.0L	Aux		400 ⁵⁰	200	-	MTX-AUX14	-	-	-	-
2011-08	V8/4.7L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2011-08	V8/4.7L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2011-08	V8/4.7L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2011-08	V8/4.7L	On-Board Electrical System Battery	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • S500											
2006-02	V8/5.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2001-94	V8/5.0L		●	49 ^{33,50,54}	760	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • S55 AMG											
2006	V8/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2005-04	V8/5.5L		●	49 ^{33,50,54}	825	-	MTX-49/H8	-	-	-	-
2003	V8/5.5L			49 ^{50,54}	850	-	MTX-49/H8	-	-	M-49/H8	-
2002-01	V8/5.5L		●	49 ^{33,50,54}	825	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • S550											
2017-15	V8/4.7L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2017-12	V8/4.7L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2017-12	V8/4.7L	On-Board Electrical System Battery	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2014-12	V8/4.7L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2013-12	V8/4.7L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2011-08	V8/5.5L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2011-07	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2011-07	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2011-07	V8/5.5L	On-Board Electrical System Battery	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2007	V8/5.5L	Starting Motor Battery		102R ⁵⁰	-	-	-	MTP-V4	-	-	-
Mercedes-Benz • S550e											
2017-15	V6/3.0L	Hybrid, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2017-15	V6/3.0L	Hybrid, Opt	●	49 ^{33,54}	850	-	MTX-49/H8	-	-	-	-
2017-15	V6/3.0L	Hybrid	●	48 ^{33,54}	760	-	MTX-48/H6	-	-	-	-
Mercedes-Benz • S560											
2020-18	V8/4.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • S600											
2017-15	V12/ 6.0L		●	48 ^{33,54}	760	-	MTX-48/H6	-	-	-	-
2017-15	V12/ 6.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2017-15	V12/ 6.0L	Opt	●	49 ^{33,54}	850	-	MTX-49/H8	-	-	-	-
2013-08	V12/ 5.5L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2013-07	V12/ 5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2013-07	V12/ 5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2013-07	V12/ 5.5L	On-Board Electrical System Battery	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2007	V12/ 5.5L	Starting Motor Battery		102R ⁵⁰	-	-	-	MTP-V4	-	-	-
2006-03	V12/ 5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2002	V12/ 5.8L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
1999-94	V12/5.8L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • S63 AMG											
2020-18	V8/4.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2018	V8/4.0L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2018	V8/4.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2018	V8/4.0L	Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2017	V8/5.5L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2017-14	V8/5.5L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2017-14	V8/5.5L	Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2016-15	V8/5.5L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2015	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2014	V8/5.5L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2013-11	V8/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2013-11	V8/5.5L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2013-11	V8/5.5L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2010-08	V8/6.3L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • S63 AMG (continued)											
2010-08	V8/6.3L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2010-08	V8/6.3L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • S65 AMG											
2019-15	V12/6.0L		●	48 ^{33,54}	760	-	MTX-48/H6	-	-	-	-
2019-15	V12/6.0L	Opt, Li-ion Only		N/A ^{45,60}	-	-	-	-	-	-	-
2019-15	V12/6.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2019-15	V12/6.0L	Opt	●	49 ^{33,54}	850	-	MTX-49/H8	-	-	-	-
2013-07	V12/6.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2013-07	V12/6.0L	Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2013-07	V12/6.0L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2013-07	V12/6.0L	On-Board Electrical System Battery	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2006	V12/6.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • SL320											
1997-94	L6/3.2L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • SL400											
2016-15	V6/3.0L		●	49 ^{33,54}	850	-	MTX-49/H8	-	-	-	-
2016-15	V6/3.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • SL450											
2020-17	V6/3.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2020-17	V6/3.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • SL500											
2006-03	V8/5.0L	Starting Motor Battery		102R ⁵⁰	-	-	-	MTP-V4	-	-	-
2006-03	V8/5.0L	On-Board Electrical System Battery	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2002	V8/5.0L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • SL55 AMG											
2008	V8/5.5L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2008-03	V8/5.5L	On-Board Electrical System Battery	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2007-03	V8/5.5L	Starting Motor Battery		102R ⁵⁰	-	-	-	MTP-V4	-	-	-
Mercedes-Benz • SL550											
2020-13	V8/4.7L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2020-13	V8/4.7L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2012-07	V8/5.5L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2012-07	V8/5.5L	On-Board Electrical System Battery	●	48 ^{33,50,56}	760	-	MTX-48/H6	-	-	-	-
Mercedes-Benz • SL600											
2011-08	V12/5.5L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2011-04	V12/5.5L	On-Board Electrical System Battery	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2007-04	V12/5.5L	Starting Motor Battery		102R ⁵⁰	-	-	-	MTP-V4	-	-	-
2002	V12/6.0L			49 ^{50,54}	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Mercedes-Benz • SL63 AMG											
2019-17	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2019-13	V8/5.5L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2016-13	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2012-09	V8/6.3L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2012-09	V8/6.3L	On-Board Electrical System Battery	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
Mercedes-Benz • SL65 AMG											
2018-13	V12/6.0L		●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2018-13	V12/6.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2011-08	V12/6.0L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2011-05	V12/6.0L	On-Board Electrical System Battery	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2007-05	V12/6.0L	Starting Motor Battery		102R ⁵⁰	-	-	-	MTP-V4	-	-	-
Mercedes-Benz • SLC300											
2020-17	L4/2.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2018-17	L4/2.0L		●	48 ³³	800	-	-	-	-	-	-
Mercedes-Benz • SLC43 AMG											
2020-17	V6/3.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2017	V6/3.0L		●	48 ^{33,54}	760	-	MTX-48/H6	-	-	-	-
Mercedes-Benz • SLK230											
2004	L4/2.3L			48 ^{50,54}	690	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2003-02	L4/2.3L			48	690	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2001-00	L4/2.3L			49	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
1999-98	L4/2.3L			48	690	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Mercedes-Benz • SLK250											
2015-12	L4/1.8L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2015-12	L4/1.8L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
Mercedes-Benz • SLK280											
2008-07	V6/3.0L			48 ^{50,54}	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2006	V6/3.0L		●	98R ^{33,50,54}	760	-	MTX-48/H6 ^{5,48}	-	-	-	-
Mercedes-Benz • SLK300											
2016	L4/2.0L		●	48 ^{33,54}	760	-	MTX-48/H6	-	-	-	-
2016	L4/2.0L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2011-09	V6/3.0L			48 ^{50,54}	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercedes-Benz • SLK32 AMG											
2004-03	V6/3.2L			48 ^{50,54}	690	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2002	V6/3.2L			48	690	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
Mercedes-Benz • SLK320											
2004-02	V6/3.2L			48 ^{50,54}	690	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2001	V6/3.2L			49 ⁵⁰	825	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Mercedes-Benz • SLK350											
2016-12	V6/3.5L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2016-12	V6/3.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2011-05	V6/3.5L			47 ^{50,54}	480	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2011-05	V6/3.5L	Opt		48 ^{50,54}	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
Mercedes-Benz • SLK55 AMG											
2016-13	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2016-07	V8/5.5L			48 ^{50,54}	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2012	V8/5.5L	Aux	●	400 ^{33,50}	200	-	MTX-AUX14	-	-	-	-
2006	V8/5.5L		●	98R ^{33,50,54}	760	-	MTX-48/H6 ^{5,48}	-	-	-	-
2005	V8/5.5L			49	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
Mercedes-Benz • SLR McLaren											
2009-06	V8/5.5L	On-Board Electrical System Battery	●	98R ^{33,50,54}	760	-	MTX-48/H6 ^{5,48}	-	-	-	-
2009-05	V8/5.5L	Starting Motor Battery		102R	-	-	-	MTP-V4	-	-	-
2005	V8/5.5L	On-Board Electrical System Battery		49	825	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	M-49/H8	-
Mercedes-Benz • SLS AMG											
2015-11	V8/6.3L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
Mercedes-Benz • Sprinter 1500											
2020-19	L4/2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
Mercedes-Benz • Sprinter 2500											
2020-19	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2020-19	L4/2.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-10	V6/3.0L	Dsl		48 ^{50,54}	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2018-10	V6/3.0L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2018-10	V6/3.0L	Dsl, Opt	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2018-10	V6/3.0L	Dsl, Opt		49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2018-10	V6/3.0L	Dsl, Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2017-14	L4/2.1L	Dsl		48 ^{50,54}	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2017-14	L4/2.1L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2017-14	L4/2.1L	Dsl, Opt	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2017-14	L4/2.1L	Dsl, Opt		49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2017-14	L4/2.1L	Dsl, Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercedes-Benz • Sprinter 3500											
2020-19	V6/3.0L	Battery Backup		N/A ⁴⁵	-	-	-	-	-	-	-
2018-10	V6/3.0L	Dsl		48 ^{50,54}	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2018-10	V6/3.0L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2018-10	V6/3.0L	Dsl, Opt	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2018-10	V6/3.0L	Dsl, Opt		49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2018-10	V6/3.0L	Dsl, Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
2017-14	L4/2.1L	Dsl		48 ^{50,54}	680	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2017-14	L4/2.1L	Dsl, Aux	●	400 ³³	200	-	MTX-AUX14	-	-	-	-
2017-14	L4/2.1L	Dsl, Opt	●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2017-14	L4/2.1L	Dsl, Opt		49 ^{50,54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2017-14	L4/2.1L	Dsl, Opt	●	49 ^{33,50,54}	850	-	MTX-49/H8	-	-	-	-
Mercury • Capri											
1994	L4/1.6L			35	460	-	MTX-35	MTP-35	MT-35	M-35HC	-
Mercury • Colony Park											
1990	V8/5.0L			58	540	-	-	-	MT-58	-	-
Mercury • Cougar											
2002	V6/2.5L			40R	590	-	-	-	MT-40R	-	-
2002	L4/2.0L			40R	590	-	-	-	MT-40R	-	-
2001-99	V6/2.5L			40R	590	-	-	-	MT-40R	-	-
2001-99	L4/2.0L			40R	590	-	-	-	MT-40R	-	-
1997-94	V8/4.6L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1997-94	V6/3.8L	Can & Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1996	V6/3.8L	Early		58	540	-	-	-	MT-58	-	-
1996	V6/3.8L	US, Late		59	540	-	-	-	MT-59	-	-
1995-94	V6/3.8L			58	540	-	-	-	MT-58	-	-
1993	V6/3.8L	US		58	540	-	-	-	MT-58	-	-
1993	V6/3.8L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1990	V6/3.8L	S/C		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Mercury • Grand Marquis											
2011-09	V8/4.6L	Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2011-07	V8/4.6L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-97	V8/4.6L	US		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006-97	V8/4.6L	Can or Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
1996-95	V8/4.6L	PPkg		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercury • Grand Marquis (continued)											
1996	V8/4.6L	US, Early		58	540	-	-	-	MT-58	-	-
1996	V8/4.6L	Late		59	540	-	-	-	MT-59	-	-
1993-92	V8/4.6L	w/HWS		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-
1991-90	V8/5.0L	w/HWS		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-
1990	V8/5.0L			58	540	-	-	-	MT-58	-	-
1990	V8/5.0L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Mercury • Marauder											
2004-03	V8/4.6L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Mercury • Mariner											
2011-10	V6/3.0L			96R	590	-	-	MTP-96R	-	-	-
2011-10	L4/2.5L	Gas		96R	500	-	-	MTP-96R	-	-	-
2011-09	L4/2.5L	Hybrid		96R	500	-	-	MTP-96R	-	-	-
2009	L4/2.5L	Gas		40R	590	-	-	-	MT-40R	-	-
2009-05	V6/3.0L			40R	590	-	-	-	MT-40R	-	-
2008-06	L4/2.3L	Gas		40R	590	-	-	-	MT-40R	-	-
2008-06	L4/2.3L	Hybrid		96R	500	-	-	MTP-96R	-	-	-
2005	L4/2.3L			40R	590	-	-	-	MT-40R	-	-
Mercury • Milan											
2011-10	V6/3.0L			96R	500	-	-	MTP-96R	-	-	-
2011-10	L4/2.5L	Gas		96R	500	-	-	MTP-96R	-	-	-
2011-10	L4/2.5L	Hybrid		67R	390	-	-	MTP-67R	-	-	-
2009	V6/3.0L			96R	590	-	-	MTP-96R	-	-	-
2009	L4/2.3L	Gas		96R	500	-	-	MTP-96R	-	-	-
2009	L4/2.3L	Hybrid		67R	390	-	-	MTP-67R	-	-	-
2008	V6/3.0L			96R	500	-	-	MTP-96R	-	-	-
2008	L4/2.3L			96R	500	-	-	MTP-96R	-	-	-
2007-06	V6/3.0L			40R	590	-	-	-	MT-40R	-	-
2007-06	L4/2.3L			40R	590	-	-	-	MT-40R	-	-
Mercury • Montego											
2007	V6/3.0L			36R	540	-	-	-	MT-36R	-	-
2006-05	V6/3.0L			36R	600	-	-	-	MT-36R	-	-
Mercury • Monterey											
2007	V6/4.2L			65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2006-04	V6/4.2L			59	540	-	-	-	MT-59	-	-
2006-04	V6/4.2L	Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
Mercury • Mountaineer											
2010-02	V8/4.6L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2010-02	V6/4.0L			65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Mercury • Sable											
2009-08	V6/3.5L			59	540	-	-	-	MT-59	-	-
2005-05	V6/3.0L	DOHC, Opt & Can		36R	600	-	-	-	MT-36R	-	-
2005-05	V6/3.0L	OHV		36R	600	-	-	-	MT-36R	-	-
2004-04	V6/3.0L	US		36R	540	-	-	-	MT-36R	-	-
2004-04	V6/3.0L	US Opt or Can		36R	600	-	-	-	MT-36R	-	-
2003-02	V6/3.0L	DOHC, Opt & Can		36R	600	-	-	-	MT-36R	-	-
2003-02	V6/3.0L	OHV		36R	600	-	-	-	MT-36R	-	-
2001	V6/3.0L			36R	540	-	-	-	MT-36R	-	-
2001	V6/3.0L	US		36R	540	-	-	-	MT-36R	-	-
2001	V6/3.0L	US, Opt or Can		36R	600	-	-	-	MT-36R	-	-
2000	V6/3.0L	HD & Can, DOHC		36R	600	-	-	-	MT-36R	-	-
2000	V6/3.0L			58R	540	-	-	-	MT-58R	M-58R	-
1999-96	V6/3.0L	DOHC, Opt & Can		36R	650	-	-	-	MT-36R	-	-
1999-96	V6/3.0L			58R	540	-	-	-	MT-58R	M-58R	-
1995-93	V6/3.0L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
1995-90	V6/3.0L			58	540	-	-	-	MT-58	-	-
1992-91	V6/3.0L	HD, w/HWS or PPKg		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-
1990	V6/3.0L	Opt		65	850	MTZ-65 ⁴⁸	MTX-65 ⁴⁸	MTP-65HD	-	-	-
Mercury • Tracer, Topaz											
1999-98	L4/2.0L			58	500	-	-	-	MT-58	-	-
1996-95	L4/1.8L			35	540	-	-	MTX-35	MTP-35	MT-35	M-35HC
1996-94	L4/1.9L			35	460	-	-	MTX-35	MTP-35	MT-35	M-35HC
1994-92	V6/3.0L			58	460	-	-	-	MT-58	M-58	-
1994-92	V6/3.0L	Opt		58	540	-	-	-	MT-58	-	-
1993	L4/1.9L	MT		58	460	-	-	-	MT-58	M-58	-
1993-92	L4/2.3L	AT & Opt		58	540	-	-	-	MT-58	-	-
1993-92	L4/1.9L			35	390	-	-	MTX-35	MTP-35	MT-35	M-35HC
1993-92	L4/1.9L	Opt		35	460	-	-	MTX-35	MTP-35	MT-35	M-35HC
1990	L4/2.3L	AT		58	540	-	-	-	MT-58	-	-
1990	L4/1.6L			35	390	-	-	MTX-35	MTP-35	MT-35	M-35HC

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mercury • Villager											
2002	V6/3.3L	US		35	450	–	MTX-35	MTP-35	MT-35	M-34	M-35HC
2002	V6/3.3L	Can or Opt		24F	525	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	–
2001-99	V6/3.3L	Can & Opt		24F	525	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
2001-99	V6/3.3L			35	450	–	MTX-35	MTP-35	MT-35	M-35	MTP-75DT ^{1C}
1998-94	V6/3.0L	Can & Opt		24F	525	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
1998-94	V6/3.0L	US		35	450	–	MTX-35	MTP-35	MT-35	M-35	MTP-75DT ^{1C}
1993	V6/3.0L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	–
1993	V6/3.0L	US		35	350	–	MTX-35	MTP-35	MT-35	M-35	MTP-75DT ^{1C}
Mini • Cooper											
2017-15	L4/2.0L		●	48 ^{33,50,54,55,56}	760	–	MTX-48/H6	–	–	–	–
2017-15	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	–	MTX-94R/H7	–	–	–	–
2017-15	L3/1.5L		●	48 ^{33,50,54,55,56}	760	–	MTX-48/H6	–	–	–	–
2017-15	L3/1.5L	Opt	●	94R ^{33,50,54,55,56}	800	–	MTX-94R/H7	–	–	–	–
2015-13	L4/1.6L	Opt	●	47 ^{33,50,54,55,56}	680	–	MTX-47/H5	–	–	–	–
2015-13	L4/1.6L	Opt		48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	–	–	–
2015-07	L4/1.6L			47 ^{50,54,55,56}	480	–	MTX-47/H5	–	MT-47/H5	M-47/H5	–
2014	L4/2.0L		●	94R ^{33,50,54,55,56}	800	–	MTX-94R/H7	–	–	–	–
2014	L3/1.5L		●	94R ^{33,50,54,55,56}	800	–	MTX-94R/H7	–	–	–	–
2012	L4/1.6L	Opt	●	47 ^{33,50,54,55,56}	680	–	MTX-47/H5 ⁴⁸	–	–	–	–
2012	L4/1.6L	Opt		48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	–	–	–
2011-07	L4/1.6L	Opt	●	47 ^{33,50,54,55,56}	680	–	MTX-47/H5	–	–	–	–
2011-07	L4/1.6L	Opt		48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	–	–	–
2008-02	L4/1.6L	Turbo or Supercharged		47 ^{50,54,55,56}	480	–	MTX-47/H5	–	MT-47/H5	M-47/H5	–
2008-02	L4/1.6L	Ex Turbo or Supercharged		47 ^{50,54,55,56}	480	–	MTX-47/H5	–	MT-47/H5	M-47/H5	–
Mini • Cooper Clubman											
2017	L4/2.0L		●	94R ^{33,50,54,55,56}	800	–	MTX-94R/H7	–	–	–	–
2017-16	L3/1.5L		●	48 ^{33,50,54,55,56}	760	–	MTX-48/H6	–	–	–	–
2016	L4/2.0L		●	48 ^{33,50,54,55,56}	760	–	MTX-48/H6	–	–	–	–
Mini • Cooper Countryman											
2017	L4/2.0L		●	48 ^{33,50,54,55,56}	760	–	MTX-48/H6	–	–	–	–
2017	L4/2.0L	Opt	●	94R ^{33,50,54,55,56}	800	–	MTX-94R/H7	–	–	–	–
2017	L3/1.5L		●	48 ^{33,50,54,55,56}	760	–	MTX-48/H6	–	–	–	–
2017	L3/1.5L	Opt	●	94R ^{33,50,54,55,56}	800	–	MTX-94R/H7	–	–	–	–
2016-11	L4/1.6L			47 ^{50,54,55,56}	480	–	MTX-47/H5	–	MT-47/H5	M-47/H5	–
2016-11	L4/1.6L	Opt	●	47 ^{33,50,54,55,56}	680	–	MTX-47/H5	–	–	–	–
2016-11	L4/1.6L	Opt		48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	–	–	–
Mini • Cooper Paceman											
2016-13	L4/1.6L			47 ^{50,54,55,56}	480	–	MTX-47/H5	–	MT-47/H5	M-47/H5	–
2016-13	L4/1.6L	Opt	●	47 ^{33,50,54,55,56}	680	–	MTX-47/H5	–	–	–	–
2016-13	L4/1.6L	Opt		48 ^{50,54,55,56}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	–	–	–
Mitsubishi • 3000GT											
1997-96	V6/3.0L			25	520	–	–	–	MT-25	M-25	M-24
1995-91	V6/3.0L			24	490	MTZ-34 ¹	–	MTP-24	MT-24	M-24	MTP-75DT ^{1C}
Mitsubishi • Diamante											
2004	V6/3.5L			24	600	MTZ-34 ¹	–	MTP-24	MT-24	M-24HC	–
2003-99	V6/3.5L			86	520	–	–	MTP-86	MT-86	–	–
Mitsubishi • Eclipse											
2012-06	V6/3.8L			24	550	MTZ-34 ¹	–	MTP-24	MT-24	M-24HC	–
2012-02	L4/2.4L			86	525	–	–	MTP-86	MT-86	–	–
2005-00	V6/3.0L			86	525	–	–	MTP-86	MT-86	–	–
1999-95	L4/2.4L			86	430	–	–	MTP-86	MT-86	–	–
1999-95	L4/2.0L			86	525	–	–	MTP-86	MT-86	–	–
Mitsubishi • Eclipse Cross											
2019-18	L4/1.5L			35	520	–	MTX-35	MTP-35	MT-35	M-35HC	–
Mitsubishi • Endeavor											
2011-10	V6/3.8L			24	550	MTZ-34 ¹	– ¹	MTP-24	MT-24	M-24HC	C-24XHD
2008-04	V6/3.8L			24	550	MTZ-34 ¹	– ¹	MTP-24	MT-24	M-24HC	C-24XHD
Mitsubishi • Expo LRV											
1994-92	L4/2.4L			24	490	MTZ-34 ¹	–	MTP-24	MT-24	M-24HC	C-24XHD
1994-92	L4/1.8L			25	360	–	–	–	MT-25	M-25	MTP-75DT ^{1C}
Mitsubishi • Galant											
2012-05	L4/2.4L			86	525	–	–	MTP-86	MT-86	–	–
2009-04	V6/3.8L			24	550	MTZ-34 ¹	–	MTP-24	MT-24	M-24HC	C-24XHD
2004	L4/2.4L			86	525	–	–	MTP-86	MT-86	–	–
2003-02	V6/3.0L			86	525	–	–	MTP-86	MT-86	–	–
2003-99	L4/2.4L			86	525	–	–	MTP-86	MT-86	–	–
1998-94	L4/2.4L			26	490	–	–	–	MT-26	–	–
Mitsubishi • i-MiEV											
2017-16	Electric			151R	370	–	–	MTP-151R	–	–	–
2014	Electric			151R	370	–	–	MTP-151R	–	–	–
2012	Electric			151R	370	–	–	MTP-151R	–	–	–

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Mitsubishi • Lancer											
2017-16	L4/2.0L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2017-09	L4/2.4L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2015-08	L4/2.0L	Evolution		N/A ^{45,50}	700	-	-	-	-	-	-
2015-08	L4/2.0L	Ex Evolution		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2007	L4/2.0L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2006-04	L4/2.4L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006-03	L4/2.0L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2004-03	L4/2.0L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2002	L4/2.0L			35	435	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Mitsubishi • Mighty Max											
1996-95	L4/2.4L			51	435	-	-	-	MT-51	-	-
1992-91	V6/3.0L	Opt		24	580	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1992-91	L4/2.4L	Opt		24	580	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1990	L4/2.4L	Can		24	580	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1990	L4/2.4L	US		51	435	-	-	-	MT-51	-	-
Mitsubishi • Mirage											
2019-17	L3/1.2L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2015-14	L3/1.2L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2002	L4/1.8L			35	435	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2002	L4/1.5L			35	435	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
1992-91	L4/1.6L			25	355	-	-	-	MT-25	M-25	M-24
Mitsubishi • Mirage G4											
2019-17	L3/1.2L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Mitsubishi • Montero											
2006-03	V6/3.8L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2002	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2002	V6/3.5L	Opt		27F	675	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2001	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2000-94	V6/3.5L			24	490	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ^{1B}
Mitsubishi • Montero Sport											
2004-02	V6/3.5L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ^{1B}
2003-02	V6/3.0L			25	520	MTZ-34 ¹	-	MTP-24	MT-25	M-25	MTP-75DT ^{1C}
2003-02	V6/3.0L	Opt		24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ^{1B}
2001-99	V6/3.5L			25	520	-	-	-	MT-25	M-25	MTP-78DT ^{1B}
2001-97	V6/3.0L			25	520	-	-	-	MT-25	M-25	MTP-78DT ^{1B}
Mitsubishi • Outlander											
2019-14	V6/3.0L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2019-08	L4/2.4L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2013-12	V6/3.0L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2011-07	V6/3.0L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2006	L4/2.4L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006	L4/2.4L	Opt		24F	620	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2005	L4/2.4L			24F	620	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2004	L4/2.4L			24F	620	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2003	L4/2.4L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
Mitsubishi • Outlander PHEV											
2019-18	L4/2.0L			S46B24L ^{45,50}	-	-	-	-	-	-	-
Mitsubishi • Outlander Sport											
2019-15	L4/2.4L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2019-11	L4/2.0L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
Mitsubishi • Raider											
2009-06	V6/3.7L			65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2007-06	V8/4.7L			65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006	V8/4.7L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2006	V6/3.7L	Opt		65	650	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
Mitsubishi • RVR											
2019-15	L4/2.4L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2019-11	L4/2.0L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
Mitsubishi • Sigma											
1990	V6/3.0L			24	490	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-75DT ^{1C}
Mitsubishi • Van											
1990	L4/2.4L			51	435	-	-	-	MT-51	-	-
Mobility Ventures • MV-1											
2017-15	V6/3.7L			65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2015	V8/4.6L			65	760	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2014	V8/4.6L			65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
Nissan • 350Z											
2009-03	V6/3.5L			35	585	-	MTX-35	MTP-35	-	-	-
Nissan • 370Z											
2020-09	V6/3.7L			35	585	-	MTX-35	MTP-35	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Nissan • Altima											
2020-19	L4/2.5L			47 ^{55,59}	510	-	-	-	-	-	-
2020-19	L4/2.0L			47 ^{55,59}	510	-	-	-	-	-	-
2018-12	L4/2.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2018-07	V6/3.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2011-07	L4/2.5L	Gas		35	550	-	MTX-35	MTP-35	MT-35	-	-
2011-07	L4/2.5L	Hybrid	●	34 ^{33,50}	700	-	-	-	-	-	-
2006-02	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2006-02	L4/2.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2001-96	L4/2.4L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Nissan • Armada											
2020-17	V8/5.6L		○	27	780	MTZ-34 ¹	-	-	MT-27	-	-
2015-05	V8/5.6L	w/TTPkg	○	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2015-05	V8/5.6L	Ex TTPkg	○	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Nissan • Axxess											
1990	L4/2.4L	US		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Nissan • Cube											
2014-09	L4/1.8L			35	405	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Nissan • D21											
1994	V6/3.0L			24	530	MTZ-34 ¹	-	MTP-24	MT-24	M-24	M-24HC
1994	L4/2.4L			24	530	MTZ-34 ¹	-	MTP-24	MT-24	M-24	M-24HC
1994-92	V6/3.0L	US		25	360	-	-	-	MT-25	M-25	M-24
1994-92	L4/2.4L	US		25	360	-	-	-	MT-25	M-25	M-24
1993-92	V6/3.0L	Can		27	450	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1993-92	L4/2.4L	Can		24	450	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-78DT ^{1B}
1991-90	V6/3.0L	US		25	355	-	-	-	MT-25	M-25	M-24
1991-90	V6/3.0L	Can & Opt		27	450	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1991-90	L4/2.4L	Can & Opt		24	415	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-75DT ^{1C}
1991-90	L4/2.4L	US		25	355	-	-	-	MT-25	M-25	M-24
Nissan • Frontier											
2019	V6/4.0L			47	550	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2019	L4/2.5L			47	550	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2018-11	V6/4.0L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2018-11	L4/2.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2010	V6/4.0L			24F	575	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2010	L4/2.5L			24F	575	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2009-05	V6/4.0L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2009-05	L4/2.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2004-03	V6/3.3L			24	575	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-75DT ^{1C}
2004-03	L4/2.4L			25	490	MTZ-34 ¹	-	MTP-24	MT-25	M-25	MTP-75DT ^{1C}
2004-03	L4/2.4L	Opt		24	575	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-75DT ^{1C}
2002	V6/3.3L	Can & Opt		24	550	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-75DT ^{1C}
2002	V6/3.3L	US		25	490	MTZ-34 ¹	-	MTP-24	MT-25	M-25	MTP-75DT ^{1C}
2002	L4/2.4L	Can & Opt		24	550	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-75DT ^{1C}
2002	L4/2.4L	US		25	490	MTZ-34 ¹	-	MTP-24	MT-25	M-25	MTP-75DT ^{1C}
2001-99	V6/3.3L	US		25	490	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
2001-99	V6/3.3L	Can		24	550	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-75DT ^{1C}
Nissan • GT-R											
2020-10	V6/3.8L			51R	430	-	-	-	MT-51R	-	-
2009	V6/3.8L			51R	435	-	-	-	MT-51R	-	-
Nissan • Juke											
2017-11	L4/1.6L			35	570	-	MTX-35	MTP-35	-	-	-
Nissan • Kicks											
2020	L4/1.6L			N/A ⁴⁵	-	-	-	-	-	-	-
2019-18	L4/1.6L			47 ^{55,59}	510	-	-	-	-	-	-
Nissan • Leaf											
2020-11	Electric			51R	435	-	-	-	MT-51R	-	-
Nissan • Maxima											
2020-19	V6/3.5L			47	550	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2018-16	V6/3.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2014-09	V6/3.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2008-04	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2003	V6/3.5L			24F	445	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2002	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2001-00	V6/3.0L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Nissan • Micra											
2019-15	L4/1.6L	Can		99R	470	-	-	MTP-14	-	-	-
Nissan • Murano											
2020-19	V6/3.5L			47	550	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2018-16	V6/3.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2016	L4/2.5L	Hybrid		51R	435	-	-	-	MT-51R	-	-
2015-09	V6/3.5L			35	585	-	MTX-35	MTP-35	-	-	-
2007-04	V6/3.5L	w/Intelligent Key		24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Nissan • Murano (continued)											
2007-04	V6/3.5L	w/o Intelligent Key		24F	575	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2003	V6/3.5L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
Nissan • NV1500											
2019-12	V6/4.0L		⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Nissan • NV200											
2020-13	L4/2.0L			21R	470	-	-	-	MT-121R	-	-
Nissan • NV2500											
2020-17	V8/5.6L		⊙	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2020-17	V6/4.0L		⊙	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2016-12	V8/5.6L	w/TIPkg	⊙	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2016-12	V8/5.6L	Ex TIPkg	⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2016-12	V6/4.0L	w/TIPkg	⊙	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2016-12	V6/4.0L	Ex TIPkg	⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Nissan • NV3500											
2020-17	V8/5.6L		⊙	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2020-17	V6/4.0L		⊙	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2016-12	V8/5.6L	w/TIPkg	⊙	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2016-12	V8/5.6L	Ex TIPkg	⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2016-12	V6/4.0L	w/TIPkg	⊙	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2016-12	V6/4.0L	Ex TIPkg	⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Nissan • NX, Pulsar NX											
1990	L4/1.6L	Can & Opt		24F	415	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
1990	L4/1.6L	US		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Nissan • Pathfinder											
2020-19	V6/3.5L		⊙	47	550	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2018-13	V6/3.5L		⊙	35	550	-	MTX-35	MTP-35	MT-35	-	-
2015-14	L4/2.5L	Hybrid		51R	435	-	-	-	MT-51R	-	-
2012-10	V6/4.0L		⊙	35	550	-	MTX-35	MTP-35	MT-35	-	-
2012-08	V8/5.6L		⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2009-07	V6/4.0L		⊙	24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2006-05	V6/4.0L		⊙	24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2004-03	V6/3.5L		⊙	24	455	MTZ-34 ¹	-	MTP-24	MT-24	M-24	M-24HC
2002	V6/3.5L		⊙	25	360	MTZ-34 ¹	-	MTP-24	MT-25	M-25	MTP-75DT ^{1C}
2002	V6/3.5L	Opt	⊙	27	450	MTZ-34 ¹	-	-	MT-27	M-27	-
2001	V6/3.5L	US		25	360	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
2001	V6/3.5L	Can & Opt		27	450	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
2000-96	V6/3.3L	US		25	360	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
2000-96	V6/3.3L	Can & Opt		27	450	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1995-92	V6/3.0L			25	360	-	-	-	MT-25	M-25	M-24
1995-92	V6/3.0L	Can & Opt		27	450	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
1991-90	V6/3.0L	US		25	355	-	-	-	MT-25	M-25	M-24
1991-90	V6/3.0L	Can & Opt		27	450	MTZ-34 ¹	-	-	MT-27	M-27	MTP-78DT ^{1B}
Nissan • Pathfinder Armada											
2004	V8/5.6L		⊙	24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2004	V8/5.6L	Opt	⊙	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
Nissan • Pickup											
1997-95	L4/2.4L	US		25	360	-	-	-	MT-25	M-25	M-24
Nissan • Qashqai											
2019-17	L4/2.0L	Can		47 ^{55,59}	510	-	-	-	-	-	-
Nissan • Quest											
2017	V6/3.5L			24F	720	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2016-11	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2009-04	V6/3.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2002	V6/3.3L	Can & Opt		24F	525	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2002	V6/3.3L	US		35	450	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2001-99	V6/3.3L	Can & Opt		24F	525	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
2001-99	V6/3.3L			35	450	-	MTX-35	MTP-35	MT-35	M-35	MTP-75DT ^{1C}
Nissan • Rogue											
2020-19	L4/2.5L			35	585	-	MTX-35	MTP-35	-	-	-
2019-17	L4/2.0L	Hybrid		48 ⁵⁰	770	-	-	-	-	-	-
2018-17	L4/2.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2016-08	L4/2.5L			35	585	-	MTX-35	MTP-35	-	-	-
Nissan • Rogue Select											
2015-14	L4/2.5L			35	585	-	MTX-35	MTP-35	-	-	-
Nissan • Rogue Sport											
2020-17	L4/2.0L			47 ^{55,59}	510	-	-	-	-	-	-
Nissan • Sentra											
2019-18	L4/1.8L			35	550	-	-	-	-	-	-
2019-17	L4/1.6L			35	550	-	-	-	-	-	-
2017	L4/1.8L	From 10/2017		35	550	-	MTX-35	MTP-35	MT-35	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Nissan • Sentra (continued)											
2017	L4/1.8L	To 10/2017		21R	470	-	MTX-35	MTP-35	MT-35	M-35	-
2016-13	L4/1.8L			21R	470	-	MTX-35	MTP-35	MT-35	M-35	-
2012-08	L4/2.5L			40R	550	-	-	-	MT-40R	-	-
2012-07	L4/2.0L			21R	470	-	MTX-35	MTP-35	MT-35	M-35	-
2007-06	L4/2.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2006	L4/1.8L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2005-03	L4/2.5L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2005-02	L4/1.8L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2002	L4/2.5L			21R	490	-	MTX-35	MTP-35	MT-35	M-35	-
2001	L4/2.0L			21R	490	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
2000-99	L4/2.0L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
1999	L4/1.6L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
Nissan • Titan											
2019	V8/5.6L			48 ^{55,59}	720	-	-	-	-	-	-
2018-17	V8/5.6L			48 ⁵⁹	720	-	-	-	-	-	-
2015-10	V8/5.6L	w/TTPkg	⊙	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2015-10	V8/5.6L	Ex TTPkg	⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2009	V8/5.6L		⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2008	V8/5.6L	Gas	⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2008	V8/5.6L	Flex Fuel	⊙	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2007	V8/5.6L		⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2006	V8/5.6L	w/TTPkg or Opt	⊙	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2006	V8/5.6L	Ex TTPkg	⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2005-04	V8/5.6L		⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Nissan • Titan XD											
2019	V8/5.6L		⊙	24F	650	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2019-16	V8/5.0L	Dsl	⊙	35 ²	550	-	MTX-35	MTP-35	MT-35	-	-
2018-16	V8/5.6L		⊙	27	780	MTZ-34 ¹	-	-	MT-27	-	-
Nissan • Versa											
2020	L4/1.6L			N/A ⁴⁵	-	-	-	-	-	-	-
2019-13	L4/1.6L	CVT-Transmission		99R	470	-	-	MTP-14	-	-	-
2019-09	L4/1.6L	CVT-Transmission		51R	410	-	-	-	MT-51R	-	-
2012-09	L4/1.6L	CVT-Transmission		90	470	-	-	MTP-90/T5	-	-	-
2012-07	L4/1.8L	CVT-Transmission		51R	410	-	-	-	MT-51R	-	-
2012-07	L4/1.8L	CVT-Transmission		90	470	-	-	MTP-90/T5	-	-	-
Nissan • Versa Note											
2019-14	L4/1.6L			99R	470	-	-	MTP-14	-	-	-
Nissan • Xterra											
2015-10	V6/4.0L		⊙	35	550	-	MTX-35	MTP-35	MT-35	-	-
2009-05	V6/4.0L		⊙	24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2004	V6/3.3L		⊙	25	490	MTZ-34 ¹	-	MTP-24	MT-25	M-25	MT-24
2004	V6/3.3L	Opt	⊙	24	550	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	C-24XHD
2004	L4/2.4L		⊙	25	490	MTZ-34 ¹	-	MTP-24	MT-25	M-25	MT-24
2004	L4/2.4L	Opt	⊙	24	550	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	C-24XHD
2003-00	V6/3.3L	Can & Opt	⊙	24	550	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	C-24XHD
2003-00	L4/2.4L	Can & Opt	⊙	24	550	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	C-24XHD
2003-00	V6/3.3L	US	⊙	25	490	MTZ-34 ¹	-	MTP-24	MT-25	M-25	MT-24
2003-00	L4/2.4L	US	⊙	25	490	MTZ-34 ¹	-	MTP-24	MT-25	M-25	MT-24
Nissan • X-Trail											
2006	L4/2.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2005	L4/2.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
Oldsmobile • 88											
1997-92	V6/3.8L	HD or HWS		78	770	MTZ-78	-	MTP-78	-	-	-
1993-90	V6/3.8L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
Oldsmobile • 98											
1999-95	V6/3.8L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1994	V6/3.8L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1990	V6/3.8L	Opt		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
Oldsmobile • Achieva											
1998-94	V6/3.1L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1993-92	V6/3.3L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Oldsmobile • Alero											
2004	L4/2.2L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2004-99	V6/3.4L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
2003-02	L4/2.2L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
2001-99	L4/2.4L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Oldsmobile • Aurora											
2003-02	V8/4.0L			100 ³⁰	770	-	-	-	-	-	MTP-78
2002	V6/3.5L			100 ³⁰	770	-	-	-	-	-	MTP-78

⊙ Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ⊙ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Oldsmobile • Aurora (continued)											
2001	V8/4.0L			100 ⁵⁰	770	-	-	-	-	-	MTP-78
2001	V6/3.5L			100 ⁵⁰	770	-	-	-	-	-	MTP-78
1999-98	V8/4.0L			79 ⁵⁰	840	-	-	-	MT-79	-	-
Oldsmobile • Bravada											
2004-02	L6/4.2L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2001-96	V6/4.3L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
2001-96	V6/4.3L	Opt		75	690	MTZ-75DT	-	MTP-75	-	-	-
1994	V6/4.3L	Opt		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
Oldsmobile • Custom Cruiser, Delta 88, Regency											
1991-90	V8/5.0L	Opt		75	570	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	V6/3.8L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	V6/3.8L	Opt		78	730	MTZ-78	MTX-78	MTP-78	-	-	MTP-78DT
Oldsmobile • Cutlass Calais											
1991-90	V6/3.3L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1991-90	L4/2.5L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1991-90	L4/2.3L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Oldsmobile • Cutlass, Cutlass Ciera, Cutlass Cruiser, Cutlass Supreme											
1999-98	V6/3.1L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1996	V6/3.4L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	-
1996	V6/3.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1996-94	L4/2.2L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1994	V6/3.1L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1993	L4/2.2L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	L4/2.3L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1990	V6/3.3L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1990	V6/3.3L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
Oldsmobile • Intrigue											
2002	V6/3.5L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2001-99	V6/3.5L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
1999-98	V6/3.8L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
Oldsmobile • Silhouette											
2004-02	V6/3.4L		●	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
1996	V6/3.4L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
Oldsmobile • Toronado											
1992-91	V6/3.8L			78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1990	V6/3.8L			78	730	MTZ-78	MTX-78	MTP-78	-	-	MTP-78DT
Panoz • AIV Roadster											
2000-99	V8/4.6L			58R	580	-	-	-	MT-58R	M-58R	-
Panoz • Esperante											
2007-02	V8/4.6L			58R	580	-	-	-	MT-58R	M-58R	-
Peugeot • 405											
1991-90	L4/1.9L			24	420	MTZ-34 ¹	-	MTP-24	MT-24	M-24	M-24HC
Peugeot • 505											
1991-90	L4/2.2L	Turbo		48 ⁵	495	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1991-90	L4/2.2L	Ex Turbo		48 ⁶	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1990	V6/2.8L			48	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1990	L4/2.2L			48 ⁶	495	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Plymouth • Acclaim											
1991-90	L4/2.5L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Plymouth • Breeze											
2000-97	L4/2.4L			75	510	MTZ-75DT	-	MTP-75	MT-75	M-75	M-75HC
2000-96	L4/2.0L			75	510	MTZ-75DT	-	MTP-75	MT-75	M-75	M-75HC
1996	L4/2.4L			75	575	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Plymouth • Colt											
1994	L4/1.8L	US		25	435	-	-	-	MT-25	M-25	M-24
1994-92	L4/2.4L	US		24	490	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-75DT ^{1c}
1994-92	L4/2.4L	HD or Can		24	580	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	-
1992-91	L4/1.5L	US		25	355	-	-	-	MT-25	M-25	M-24
1992-91	L4/1.5L	Opt		25	430	-	-	-	MT-25	M-25	M-24
1991-90	L4/2.0L	Can		25	420	-	-	-	MT-25	M-25	M-24
1991-90	L4/2.0L	US		51	435	-	-	-	MT-51	-	-
1991-90	L4/1.5L	Can		25	420	-	-	-	MT-25	M-25	M-24
1990	L4/1.8L	Wagon		51	435	-	-	-	MT-51	-	-
1990	L4/1.6L	Can		25	420	-	-	-	MT-25	M-25	M-24
1990	L4/1.6L			51	435	-	-	-	MT-51	-	-
1990	L4/1.5L	Ex Wagon		25	355	-	-	-	MT-25	M-25	M-24
1990	L4/1.5L	Wagon		51	435	-	-	-	MT-51	-	-
Plymouth • Grand Voyager, Voyager											
2000-96	L4/2.0L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
2000-90	V6/3.0L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
2000-90	V6/3.3L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Plymouth • Grand Voyager, Voyager (continued)											
1999-96	L4/2.4L	Opt		34	685	MTZ-34	MTX-34	MTP-34	MT-34	-	MTP-78DT
1999-94					600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
1999-94					685	MTZ-34	MTX-34	MTP-34	MT-34	-	MTP-78DT
1999-91					685	MTZ-34	MTX-34	MTP-34	MT-34	-	MTP-78DT
1999-91					685	MTZ-34	MTX-34	MTP-34	MT-34	-	MTP-78DT
1991-90	L4/2.5L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
1990	V6/3.3L	Opt		34	625	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1990	V6/3.0L	Opt		34	625	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1990	L4/2.5L	Opt		34	625	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
Plymouth • Horizon											
1990	L4/2.2L			34	430	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Plymouth • Neon											
2001-00	L4/2.0L			26R	450	-	-	-	MT-26R	-	-
2001-00	L4/2.0L	Opt		26R	540	-	-	-	MT-26R	-	-
Plymouth • Prowler											
2001-99	V6/3.5L			34	525	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Plymouth • Sundance											
1994-92	L4/2.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	-
1990	L4/2.5L			34	500	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	M-34
Pontiac • 6000, Grand Am											
2001-96	L4/2.4L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1998-94	V6/3.1L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1993	V6/3.3L			75	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1991-90	V6/3.1L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	V6/3.1L	Can & Opt		75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	L4/2.5L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	MTP-75DT
Pontiac • Aztek											
2005-01	V6/3.4L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
Pontiac • Bonneville											
2005-04	V8/4.6L			100 ⁵⁰	770	-	-	-	-	-	MTP-78
2005-04	V6/3.8L			100 ⁵⁰	770	-	-	-	-	-	MTP-78
2003-02	V6/3.8L	Supercharged		79 ⁵⁰	800	-	-	-	MT-79	-	-
2003-02	V6/3.8L	Ex Supercharged		100 ⁵⁰	770	-	-	-	-	-	MTP-78
2001-00	V6/3.8L			79 ⁵⁰	840	-	-	-	MT-79	-	-
1999-98	V6/3.8L	S/C		78	770	MTZ-78	-	MTP-78	-	-	MTP-78DT
1990	V6/3.8L	Opt		78	730	MTZ-78	MTX-78	MTP-78	-	-	MTP-78DT
Pontiac • Firebird											
2002-93	V8/5.7L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2002-95	V6/3.8L			75	690	MTZ-75DT	-	MTP-75	-	-	-
1995-93	V6/3.4L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
1992-90	V6/3.1L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
1992-90	V8/5.0L	MT		75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
1992-90	V8/5.0L	AT		75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
1992-87	V8/5.7L			75	630	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
Pontiac • Firefly											
1994	L3/1.0L			26	390	-	-	-	MT-26	-	-
1991-90	L3/1.0L			26	440	-	-	-	MT-26	-	-
Pontiac • G3											
2010-09	L4/1.6L			86	590	-	-	MTP-86	-	-	-
Pontiac • G3 Wave											
2009	L4/1.6L			86	550	-	-	MTP-86	MT-86	-	-
Pontiac • G5											
2010-09	L4/2.2L			90 ⁵⁰	590	-	-	MTP-90/T5	-	-	-
2008	L4/2.4L			90	600	-	-	MTP-90/T5	-	-	-
2008-07	L4/2.2L			90 ⁵⁰	600	-	-	MTP-90/T5	-	-	-
2007	L4/2.4L			90	600	-	-	MTP-90/T5	-	-	-
Pontiac • G6											
2010-08	V6/3.5L			90	590	-	-	MTP-90/T5	-	-	-
2010-08	L4/2.4L			90	590	-	-	MTP-90/T5	-	-	-
2009-08	V6/3.9L			90	590	-	-	MTP-90/T5	-	-	-
2009-08	V6/3.6L			90	590	-	-	MTP-90/T5	-	-	-
2007	V6/3.6L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2007	V6/3.5L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2007-06	V6/3.9L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2007-06	L4/2.4L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
2006-05	V6/3.5L			75	525	MTZ-75DT	-	MTP-75	MT-75	M-75HC	M-75
Pontiac • G8											
2009	V8/6.2L			94R ⁵⁰	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009	V8/6.0L			94R ⁵⁰	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009	V6/3.6L			94R ⁵⁰	720	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V8/6.0L			94R ⁵⁰	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008	V6/3.6L			94R ⁵⁰	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Pontiac • Grand Am											
2005	L4/2.2L			75	600	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
2005-02	V6/3.4L			75	600	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
2004	L4/2.2L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	M-75
2003-02	L4/2.2L			75	600	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Pontiac • Grand Prix											
2008	V8/5.3L			85	590	–	–	–	MT-85	–	MTP-78DT
2008-06	V6/3.8L		●	34 ³³	690	MTZ-34	MTX-34	–	–	–	–
2007-05	V8/5.3L			85	625	–	–	–	MT-85	–	–
2005-04	V6/3.8L		●	34 ³³	680	MTZ-34	MTX-34	–	–	–	–
2003-97	V6/3.8L	Supercharged		78	770	MTZ-78	–	MTP-78	–	–	MTP-78DT
2003-97	V6/3.8L	Ex Supercharged		78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2003-96	V6/3.1L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1996	V6/3.4L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	–	–
1995	V6/3.1L	Early		75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	M-75
1995	V6/3.1L	Late		78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
1995	V6/3.4L	Early		75	690	–	–	MTP-75	–	–	–
1995	V6/3.4L	Late		78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
1994-91	V6/3.4L			75	690	–	–	MTP-75	–	–	–
1994-90	V6/3.1L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	M-75
1991-90	L4/2.3L			75	630	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Pontiac • GTO											
2006-05	V8/6.0L			85	600	–	–	–	MT-85	–	–
2004	V8/5.7L			85	600	–	–	–	MT-85	–	–
Pontiac • GTO, Tempest											
1991-90	V6/3.1L	MT		75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	V6/3.1L	AT		75	630	MTZ-75DT	–	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	L4/2.2L	MT		75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	MTP-75DT
1991-90	L4/2.2L	AT & Opt		75	630	MTZ-75DT	–	MTP-75	MT-75	M-75HC	MTP-75DT
Pontiac • LeMans, Optima											
1991-90	L4/1.6L			85	550	–	–	–	MT-85	–	MTP-75DT
1990	L4/2.0L			85	550	–	–	–	MT-85	–	MTP-75DT
1990	L4/2.0L	AT		85	630	–	–	–	MT-85	–	–
1990	L4/2.0L	AT		85	630	–	–	–	MT-85	–	MTP-75DT
Pontiac • Montana											
2009-06	V6/3.9L		○	34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	–
2006-05	V6/3.5L		○	34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	–
2005-02	V6/3.4L		○	78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
Pontiac • Pursuit											
2006	L4/2.4L			90	600	–	–	MTP-90/T5	–	–	–
2006-05	L4/2.2L			90	600	–	–	MTP-90/T5	–	–	–
Pontiac • Solstice											
2009-08	L4/2.4L			86	590	–	–	MTP-86	–	–	–
2009-08	L4/2.0L			86	590	–	–	MTP-86	–	–	–
2007	L4/2.4L			86	640	–	–	MTP-86	–	–	–
2007	L4/2.0L			86	640	–	–	MTP-86	–	–	–
2006	L4/2.4L			86	590	–	–	MTP-86	–	–	–
Pontiac • Sunbird											
1994-92	V6/3.1L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Pontiac • Sunfire											
2005-02	L4/2.2L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	M-75
2002	L4/2.4L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	M-75
2001-96	L4/2.4L			75	600	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Pontiac • Sunrunner											
1994	L4/1.6L			26	500	–	–	–	MT-26	–	–
Pontiac • Torrent											
2009-08	V6/3.6L			47	650	–	MTX-47/H5	–	MT-47/H5	–	–
2009-07	V6/3.4L			47	650	–	MTX-47/H5	–	MT-47/H5	–	–
2006	V6/3.4L			75	600	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Pontiac • Trans Sport											
1999-97	V6/3.4L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
1996	V6/3.4L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
1995-92	V6/3.8L			75	630	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Pontiac • Vibe											
2010-09	L4/2.4L			24F	575	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	–
2010-09	L4/1.8L			35	550	–	MTX-35	MTP-35	MT-35	M-35HC	–
2008-03	L4/1.8L			35	550	–	MTX-35	MTP-35	MT-35	M-35HC	–
Pontiac • Wave											
2008-05	L4/1.6L			86	550	–	–	MTP-86	MT-86	–	–
Pontiac • Wave5											
2007-05	L4/1.6L			86	590	–	–	MTP-86	–	–	–

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Porsche • 718 Boxster											
2020-17	H4/2.5L	PR Code: 195	●	48 ^{33,50,55,56,58}	720	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-17	H4/2.0L	PR Code: 195	●	48 ^{33,50,55,56,58}	720	MTZ-48/H6	MTX-48/H6	-	-	-	-
Porsche • 718 Cayman											
2020	H6/4.0L	PR Code: 195	●	48 ^{33,50,55,56,58}	720	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-17	H4/2.5L	PR Code: 195	●	48 ^{33,50,55,56,58}	720	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-17	H4/2.0L	PR Code: 195	●	48 ^{33,50,55,56,58}	720	MTZ-48/H6	MTX-48/H6	-	-	-	-
Porsche • 911											
2016	H6/4.0L			49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2016-12	H6/3.4L			49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2016-10	H6/3.8L			49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2013	H6/3.8L			49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2012-10	H6/3.6L			49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2011	H6/4.0L			49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2009	H6/3.8L			94R ⁵⁰	740	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2009-05	H6/3.6L			94R ⁵⁰	740	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008-05	H6/3.8L			94R ⁵⁰	740	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2004-02	H6/3.6L	GT2		91 ^{9,50}	650	-	-	-	MT-91/T6	-	-
2004-02	H6/3.6L	Ex GT2		94R ^{9,50}	740	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2001	H6/3.6L	Ex GT2		91 ⁵⁰	650	-	-	-	MT-91/T6	-	-
2001-99	H6/3.4L			48 ⁵⁰	650	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Porsche • 928											
1991-90	V8/5.0L			48	650	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Porsche • Boxster											
2014-13	H6/2.7L			94R ⁵⁰	650	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2014-07	H6/3.4L			94R ⁵⁰	650	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2012-09	H6/2.9L			94R ⁵⁰	650	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2008-06	H6/2.7L			94R ⁵⁰	650	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2006	H6/3.2L			94R ⁵⁰	650	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005-02	H6/3.2L			48 ⁵⁰	650	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2005-02	H6/3.2L	Opt		94R ⁵⁰	650	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005-02	H6/2.7L			48 ⁵⁰	650	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2005-02	H6/2.7L	Opt		94R ⁵⁰	650	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Porsche • Carrera GT											
2005-04	V10/ 5.7L			48 ⁵⁰	650	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
Porsche • Cayenne											
2021-18	V8/4.8L	Late2018 on	●	N/A ^{45,50,58,60}		-	-	-	-	-	-
2021-18	V6/3.6L	Late2018 on	●	N/A ^{45,50,58,60}		-	-	-	-	-	-
2021-18	V6/3.0L	Late2018 on, Hybrid	●	N/A ^{45,50,58,60}		-	-	-	-	-	-
2018-15	V6/3.6L	PR Code: J0B, Early Prod	●	49 ^{33,50,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-15	V6/3.6L	PR Code: J0P, Early Prod	●	95R ^{33,50,56,58}	950	-	MTX-95R/H9	-	-	-	-
2018-15	V6/3.6L	PR Code: J1N, Early Prod	●	94R ^{33,50,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-15	V8/4.8L	PR Code: J0B, Early Prod	●	49 ^{33,50,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-15	V8/4.8L	PR Code: J0P, Early Prod	●	95R ^{33,50,56,58}	950	-	MTX-95R/H9	-	-	-	-
2018-15	V8/4.8L	PR Code: J1N, Early Prod	●	94R ^{33,50,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-15	V6/3.0L	Early Hybrid, PR Code J0B	●	49 ^{33,50,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-15	V6/3.0L	Early Hybrid, PR Code J0P	●	95R ^{33,50,56,58}	950	-	MTX-95R/H9	-	-	-	-
2018-15	V6/3.0L	Early Hybrid, PR Code J1N	●	94R ^{33,50,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-15	V6/3.0L	Dsl, PR Code J0B		49 ^{33,50,56,58}	850	-	MTX-49/H8	-	-	-	-
2016-15	V6/3.0L	Dsl, PR Code J0P		95R ^{33,50,56,58}	950	-	MTX-95R/H9	-	-	-	-
2016-15	V6/3.0L	Dsl, PR Code J1N		94R ^{33,50,56,58}	800	-	MTX-94R/H7	-	-	-	-
2014-11	V6/3.0L	Hybrid, PR Code J1N		94R ⁵⁰	650	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2014-08	V8/4.8L	PR Code: J0B		49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2014-08	V6/3.6L	PR Code: J1N		94R ⁵⁰	650	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2006-04	V6/3.2L	PR Code: J1N		94R ⁵⁰	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2006-03	V8/4.5L	PR Code: J0B		49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
Porsche • Cayman											
2014	H6/3.4L	PR Code: J0B		49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2014	H6/2.7L	PR Code: J0B		49 ⁵⁰	740	-	MTX-49/H8	MTP-49/H8	MT-49/H8	M-49/H8	-
2012-09	H6/2.9L	PR Code: 195		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2012-09	H6/2.9L	PR Code: 196		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2012-06	H6/3.4L	PR Code: 195		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2012-06	H6/3.4L	PR Code: 196		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2008-07	H6/2.7L	PR Code: 195		48 ^{50,55,56,58}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2008-07	H6/2.7L	PR Code: 196		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
Porsche • Macan											
2020	V6/2.9L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020	V6/2.9L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-17	L4/2.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-17	L4/2.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-15	V6/3.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-15	V6/3.0L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2018-17	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-16	V6/3.6L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Porsche • Macan (continued)											
2018-16	V6/3.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-15	V6/3.6L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2018-15	V6/3.6L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
Porsche • Panamera											
2020-17	V8/4.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-17	V8/4.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-17	V8/4.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020-17	V6/3.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-17	V6/3.0L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-17	V6/3.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020-17	V6/2.9L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2020-17	V6/2.9L	PR Code: JOP	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2020-17	V6/2.9L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-12	V6/3.0L	PR Code: 197	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-12	V6/3.0L	PR Code: 200	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2016-12	V6/3.0L	PR Code: 201	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2016-11	V6/3.6L	PR Code: 197	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-11	V6/3.6L	PR Code: 200	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2016-11	V6/3.6L	PR Code: 201	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2016-10	V8/4.8L	PR Code: 197	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-10	V8/4.8L	PR Code: 200	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2016-10	V8/4.8L	PR Code: 201	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
Porsche • Taycan											
2021-20	Electric			N/A ^{45,60}	-	-	-	-	-	-	-
Ram • 1500											
2020	V6/3.0L	Dsl	●	49 ³³	800	-	MTX-49/H8	-	-	-	-
2020-13	V6/3.6L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-11	V8/5.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-14	V6/3.0L	Dsl	●	49 ³³	800	-	MTX-49/H8	-	-	-	-
2013-11	V8/4.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2012-11	V6/3.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Ram • 1500 Classic											
2019	V8/5.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2019	V6/3.6L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2019	V6/3.0L	Dsl	●	49 ³³	800	-	MTX-49/H8	-	-	-	-
Ram • 2500											
2020-14	V8/6.4L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-11	L6/6.7L	Dsl		94R ²	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-11	V8/5.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Ram • 3500											
2020-14	V8/6.4L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2020-11	L6/6.7L	Dsl		94R ²	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2018-11	V8/5.7L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Ram • C/V											
2015-12	V6/3.6L			94R	730	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Ram • Dakota											
2011	V8/4.7L			65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2011	V8/4.7L	Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
2011	V6/3.7L			65	600	MTZ-65	MTX-65	MTP-65	MT-65	M-65	MTP-65HD
2011	V6/3.7L	Opt		65	750	MTZ-65	MTX-65	MTP-65	-	M-65HC	MTP-65HD
Ram • ProMaster 1500											
2020-14	V6/3.6L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2020-14	V6/3.6L	Opt	●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
2017-14	L4/3.0L	Dsl, Opt	●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
2017-14	L4/3.0L	Dsl		49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Ram • ProMaster 2500											
2020-14	V6/3.6L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2020-14	V6/3.6L	Opt	●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
2018-14	L4/3.0L	Dsl, Opt	●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
2018-14	L4/3.0L	Dsl		49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Ram • ProMaster 3500											
2020-14	V6/3.6L			49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2020-14	V6/3.6L	Opt	●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
2018-14	L4/3.0L	Dsl, Opt	●	95R ^{33,50}	950	-	MTX-95R/H9	-	-	-	-
2018-14	L4/3.0L	Dsl		49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Ram • ProMaster City											
2019-15	L4/2.4L			48	750	-	MTX-48/H6	-	-	-	-
Rolls-Royce • Ghost											
2015-10	V12/6.6L		●	49 ^{33,50,54}	900	-	MTX-49/H8	-	-	-	-
Rolls-Royce • Phantom											
2015-04	V12/6.7L		●	48 ^{33,50,54}	760	-	MTX-48/H6	-	-	-	-
2014-04	V12/6.7L	Opt	●	49 ^{33,50,54}	900	-	MTX-49/H8	-	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Rolls-Royce • Wraith											
2015-14	V12/6.6L		●	49 ^{33,50,54}	900	-	MTX-49/H8	-	-	-	-
Saab • 900											
1998-94	L4/2.3L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1998-94	L4/2.0L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1997-94	V6/2.5L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1994	L4/2.1L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Saab • 9000											
1998-94	L4/2.3L			41	570	-	-	-	MT-41	-	-
1998-94	L4/2.3L	Group 47 fits 9 1/2" tray		91 ⁵⁶	520	-	-	-	MT-91/T6	-	-
1993-92	L4/2.3L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1991-90	L4/2.3L	Opt		34R	450	MTZ-34R	-	-	-	-	-
1991-90	L4/2.3L			47	450	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1990	L4/2.0L	Opt		34R	450	MTZ-34R	-	-	-	-	-
1990	L4/2.0L			47	450	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Saab • 9-2X											
2006	H4/2.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2005	H4/2.5L			25	550	-	-	-	MT-25	M-25	-
2005	H4/2.0L			25	550	-	-	-	MT-25	M-25	-
Saab • 9-3											
2011-08	L4/2.0L			48 ⁵⁰	700	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2009-06	V6/2.8L			48 ⁵⁰	700	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2003-03	L4/2.0L	Conv		47 ⁴⁰	580	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2007-03	L4/2.0L	Sport Sedan		91 ⁵⁰	520	-	-	-	MT-91/T6	-	-
2002	L4/2.3L			47 ⁴⁰	580	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2002	L4/2.0L			47 ⁴⁰	580	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2001-99	L4/2.3L	9-3 Sedan		47	580	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2001-99	L4/2.0L	9-3 Conv		47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Saab • 9-3X											
2011-10	L4/2.0L			48 ⁵⁰	700	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
Saab • 9-4X											
2011	V6/3.0L			48 ⁵⁰	700	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2011	V6/2.8L			48 ⁵⁰	700	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
Saab • 9-5											
2011	L4/2.0L			91 ⁵⁰	520	-	-	-	MT-91/T6	-	-
2011-10	V6/2.8L			48 ⁵⁰	700	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2009-08	L4/2.3L			48 ⁵⁰	700	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2007-99	L4/2.3L			91	520	-	-	-	MT-91/T6	-	-
2003-99	V6/3.0L			91	520	-	-	-	MT-91/T6	-	-
2003-02	L4/2.3L			48 ⁵⁰	700	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
Saab • 9-5											
2001-00	L4/2.3L			48	650	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2001-99	V6/3.0L			48	650	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Saab • 9-7x											
2009-08	V8/6.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2009-05	V8/5.3L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
2009-05	L6/4.2L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	-
Saleen • S7											
2006-02	V8/7.0L			34	750	MTZ-34	-	MTP-34	-	-	-
Saturn • Astra											
2009-08	L4/1.8L			91	600	-	-	-	MT-91/T6	-	-
Saturn • Aura											
2009	V6/3.6L			90	600	-	-	MTP-90/T5	-	-	-
2009	L4/2.4L			90	600	-	-	MTP-90/T5	-	-	-
2008	V6/3.6L			90	590	-	-	MTP-90/T5	-	-	-
2008	V6/3.5L			90	590	-	-	MTP-90/T5	-	-	-
2008	L4/2.4L			90	590	-	-	MTP-90/T5	-	-	-
2007	V6/3.6L			75	690	MTZ-75DT	-	MTP-75	-	-	-
2007	V6/3.5L			75	690	MTZ-75DT	-	MTP-75	-	-	-
2007	L4/2.4L	XE		75	575	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
2007	L4/2.4L	XR		75	690	MTZ-75DT	-	MTP-75	-	-	-
Saturn • Ion											
2007	L4/2.4L			78 ⁵⁰	600	-	-	MTP-78	-	-	-
2007	L4/2.2L			78 ⁵⁰	600	-	-	MTP-78	-	-	-
2007-04	L4/2.0L			78 ⁵⁰	600	-	-	MTP-78	-	-	-
2006	L4/2.4L	From June		78 ⁵⁰	600	-	-	MTP-78	-	-	-
2006	L4/2.4L	To June		75 ⁵⁰	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
2006	L4/2.2L	From June		78 ⁵⁰	600	-	-	MTP-78	-	-	-
2006	L4/2.2L	To June		75 ⁵⁰	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-
2005-03	L4/2.2L			75 ⁵⁰	600	MTZ-75DT	-	MTP-75	MT-75	M-75HC	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Saturn • L, LS, LW, SC, SL, SW											
2000	V6/3.0L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
2000	L4/2.2L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
1999-91	L4/1.9L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Saturn • L100											
2002	L4/2.2L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2001	L4/2.2L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Saturn • L200											
2003-02	L4/2.2L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2001	L4/2.2L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Saturn • L300											
2005-02	V6/3.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2004	L4/2.2L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2001	V6/3.0L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Saturn • LW200											
2003-02	L4/2.2L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2001	L4/2.2L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Saturn • LW300											
2003-02	V6/3.0L			78	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	–
2001	V6/3.0L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Saturn • Outlook											
2010	V6/3.6L			48 ⁹⁰	660	MTZ-48/H6	MTX-48/H6	MTP-48/H6	–	–	–
2009-07	V6/3.6L			48 ⁹⁰	730	MTZ-48/H6	MTX-48/H6	MTP-48/H6	–	–	–
Saturn • Relay											
2007-06	V6/3.9L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	–
2006-05	V6/3.5L			34	600	MTZ-34	MTX-34	MTP-34	MT-34	M-34HC	–
Saturn • SC1											
2002-00	L4/1.9L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	MTP-75DT
Saturn • SC2											
2002-00	L4/1.9L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	MTP-75DT
Saturn • Sky											
2010-07	L4/2.4L			86	590	–	–	MTP-86	–	–	–
2010-07	L4/2.0L			86	590	–	–	MTP-86	–	–	–
Saturn • SL											
2002-00	L4/1.9L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	MTP-75DT
Saturn • SL1											
2002-00	L4/1.9L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	MTP-75DT
Saturn • SL2											
2002-00	L4/1.9L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	MTP-75DT
Saturn • Vue											
2010-08	V6/3.6L			48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2010-08	V6/3.5L			48	730	MTZ-48/H6	MTX-48/H6	–	–	–	–
2010-08	L4/2.4L			47	650	–	MTX-47/H5	–	MT-47/H5	–	–
2007	V6/3.5L			86	640	–	–	MTP-86	–	–	–
2007	L4/2.4L			86	590	–	–	MTP-86	–	–	–
2007	L4/2.2L			75	525	MTZ-75DT	–	MTP-75	MT-75	M-75HC	MTP-75DT
2006-04	V6/3.5L			86	590	–	–	MTP-86	–	–	–
2006-04	L4/2.2L			75	550	MTZ-75DT	–	MTP-75	MT-75	M-75HC	MTP-75DT
2003-02	V6/3.0L			75	600	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
2003-02	L4/2.2L			75	600	MTZ-75DT	–	MTP-75	MT-75	M-75HC	–
Scion • FR-S											
2016-13	H4/2.0L			35	430	–	MTX-35	MTP-35	MT-35	M-34	M-35HC
Scion • iA											
2016	L4/1.5L			35	355	–	MTX-35	MTP-35	MT-35	M-34	M-35HC
Scion • iQ											
2015-12	L4/1.3L			51	295	–	–	–	MT-51	–	–
2015-12	L4/1.3L	Opt, Cold Climate		35	320	–	MTX-35	MTP-35	MT-35	M-34	M-35HC
Scion • tC											
2016	L4/2.5L			24F	530	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	–
2015-11	L4/2.5L			24F	575	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	–
2010-05	L4/2.4L			24	575	MTZ-34 ¹	–	MTP-24	MT-24	M-24HC	–
Scion • xA											
2006-04	L4/1.5L			25	550	–	–	–	MT-25	M-25	–
Scion • xB											
2015-08	L4/2.4L			24F	575	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	–
2006-04	L4/1.5L			25	550	–	–	–	MT-25	M-25	–
Scion • xD											
2014-08	L4/1.8L			35	550	–	MTX-35	MTP-35	MT-35	–	–

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Smart • Fortwo											
2016	L3/0.9L			47 ^{50,54}	480	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2016	L3/0.9L	Opt	●	47 ^{33,50,54}	680	-	MTX-47/H5	-	-	-	-
2016-11	Electric	Opt	●	47 ^{33,50,54}	680	-	MTX-47/H5	-	-	-	-
2016-11	Electric			47 ^{50,54}	480	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2015	L3/1.0L		●	47 ^{33,50,54}	680	-	MTX-47/H5	-	-	-	-
2015-08	L3/1.0L			47 ^{50,54}	480	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2014-08	L3/1.0L	Opt	●	47 ^{33,50,54}	680	-	MTX-47/H5	-	-	-	-
2007-05	L3/0.8L	Dsl		47 ^{50,54}	540	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
SRT • Viper											
2014-13	V10/8.4L			90 ⁵⁰	590	-	-	MTP-90/T5	-	-	-
Sterling • 827											
1991-90	V6/2.7L			34R	675	MTZ-34R	-	-	-	-	-
Subaru • Ascent											
2020-19	H4/2.4L			35	550	-	MTX-35	MTP-35	MT-35	-	-
Subaru • B9 Tribeca											
2007-06	H6/3.0L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
Subaru • Baja											
2006-03	H4/2.5L	AT		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006-03	H4/2.5L	MT		35	430	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Subaru • BRZ											
2020-13	H4/2.0L			35	550	-	MTX-35	MTP-35	MT-35	-	-
Subaru • Crosstrek											
2020	H4/2.0L	Gas, w/o Start-Stop		35	550	-	MTX-35	MTP-35	MT-35	-	-
2020	H4/2.0L	Gas, w/Start-Stop		35 ⁵⁹	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2020-19	H4/2.0L	Hybrid		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2019	H4/2.0L	Gas		35	550	-	MTX-35	MTP-35	MT-35	-	-
2018	H4/2.0L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2017	H4/2.0L	Can		35	550	-	MTX-35	MTP-35	MT-35	-	-
2017	H4/2.0L	Ex Can		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2016	H4/2.0L	Gas		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2016	H4/2.0L	Hybrid, Aux		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2016	H4/2.0L	Hybrid, Restart Battery		N/A ^{45,59}	390	-	-	-	-	-	-
Subaru • Forester											
2020	H4/2.5L			35 ⁵⁹	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2019	H4/2.5L			35 ⁵⁹	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2018	H4/2.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2018	H4/2.0L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2017	H4/2.5L	Can		35	550	-	MTX-35	MTP-35	MT-35	-	-
2017	H4/2.5L	Ex Can		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2017	H4/2.0L	Can		35	550	-	MTX-35	MTP-35	MT-35	-	-
2017	H4/2.0L	Ex Can		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2016	H4/2.5L			35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2016	H4/2.0L			35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2015-14	H4/2.0L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2015-10	H4/2.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2009-08	H4/2.5L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2007	H4/2.5L			35	500	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006	H4/2.5L	AT		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006	H4/2.5L	MT		35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2005	H4/2.5L	MT		35	430	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2005-03	H4/2.5L	AT		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2004-03	H4/2.5L	MT		35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2002	H4/2.5L			35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2002	H4/2.5L	Opt		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
Subaru • Impreza											
2020-12	H4/2.0L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2014-10	H4/2.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2009-07	H4/2.5L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006	H4/2.5L	AT		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006	H4/2.5L	MT		35	420	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2005	H4/2.5L	MT		35	430	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2005	H4/2.0L	AT		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2005	H4/2.0L	MT		35	430	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2005-02	H4/2.5L	AT		35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2004-02	H4/2.5L	MT		35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2004-02	H4/2.0L	AT		35	420	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2004-02	H4/2.0L	MT		35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2001	H4/2.5L			35	520	-	MTX-35	MTP-35	MT-35	M-35HC	-
2000-98	H4/2.5L	MT		35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2000-98	H4/2.5L	MT		35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1994	H4/1.8L	MT		35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1993	H4/1.8L	MT		35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Subaru • Legacy											
2020	H4/2.5L	EFB		47 ⁵⁹	620	-	-	-	-	-	-
2020	H4/2.4L	EFB		47 ⁵⁹	620	-	-	-	-	-	-
2019-16	H4/2.5L			25	355	-	-	-	MT-25	M-25	-
2019-10	H6/3.6L			25	490	-	-	-	MT-25	M-25	-
2015-10	H4/2.5L			25	490	-	-	-	MT-25	M-25	-
2009	H4/2.5L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2009-08	H6/3.0L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2008	H4/2.5L			85	430	-	-	-	MT-85	-	-
2007	H4/2.5L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006	H4/2.5L	At or Opt		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006-02	H4/2.5L	MT		35	430	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2005-02	H4/2.5L	AT		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2001	H6/3.0L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2001-00	H4/2.5L	MT		35	430	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2001-00	H4/2.5L	AT		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
1999	H4/2.5L	MT		35	430	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1999	H4/2.5L	AT		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
1999	H4/2.2L	AT, HD		35	430	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1996-95	H4/2.2L	AT, HD		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
Subaru • Loyale											
1994-91	H4/1.8L			25	420	MTZ-75DT	-	-	MT-25	M-75DT ^{1C}	MTP-75DT ^{1C}
1990	H4/1.8L	MT		21	310	MTZ-75DT	-	-	MT-25	M-75DT ^{1C}	MTP-75DT ^{1C}
1990	H4/1.8L	Turbo, AT		24	490	MTZ-34 ¹	-	MTP-24	MT-24	M-24	MTP-75DT ^{1C}
1990	H4/1.8L	AT		25	420	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
Subaru • Outback											
2020	H4/2.5L	EFB		47 ⁵⁹	620	-	-	-	-	-	-
2020	H4/2.4L	EFB		47 ⁵⁹	620	-	-	-	-	-	-
2019-16	H4/2.5L			25	355	-	-	-	MT-25	M-25	-
2019-10	H6/3.6L			25	490	-	-	-	MT-25	M-25	-
2015-10	H4/2.5L			25	490	-	-	-	MT-25	M-25	-
2009-07	H6/3.0L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2009-07	H4/2.5L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006	H6/3.0L	AT		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006	H6/3.0L	MT		35	430	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2006-02	H4/2.5L	AT		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2006-02	H4/2.5L	MT		35	430	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2005-02	H6/3.0L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2001	H6/3.0L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
2001-00	H4/2.5L	MT		35	430	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2001-00	H4/2.5L	AT		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
1999	H4/2.5L	MT		35	430	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1999	H4/2.5L	AT		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
1999	H4/2.2L	AT, HD		35	430	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1996-95	H4/2.2L	AT, HD		35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
Subaru • Tribeca											
2014-08	H6/3.6L			35	490	-	MTX-35	MTP-35	MT-35	M-35HC	-
Subaru • WRX											
2020-19	H4/2.0L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2018-15	H4/2.0L			35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2014-13	H4/2.5L			35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Subaru • WRX STI											
2020-19	H4/2.5L			35	550	-	MTX-35	MTP-35	MT-35	-	-
2018-13	H4/2.5L			35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Subaru • XT											
1991-90	H6/2.7L	MT		25	350	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
1991-90	H4/1.8L	MT		21	310	MTZ-75DT	-	-	MT-25	M-25	MTP-75DT ^{1C}
1990	H4/1.8L	AT, Ex Turbo		25	490	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
Subaru • XV Crosstrek											
2015-14	H4/2.0L	Gas		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2015-14	H4/2.0L	Hybrid, Aux		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2015-14	H4/2.0L	Hybrid, Restart Battery		N/A ^{45,59}	-	-	-	-	-	-	-
2013	H4/2.0L			35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Suzuki • Aerio											
2007-04	L4/2.3L			24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2003-02	L4/2.0L			24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Suzuki • Equator											
2012-09	V6/4.0L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2012-09	L4/2.5L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Suzuki • Esteem											
2002	L4/1.8L			26R	440	-	-	-	MT-26R	-	-
2001	L4/1.6L			26R	540	-	-	-	MT-26R	-	-
2001-99	L4/1.8L			26R	440	-	-	-	MT-26R	-	-
2000-95	L4/1.6L			26R	440	-	-	-	MT-26R	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Suzuki • Foreza											
2008-04	L4/2.0L			86 ¹¹	610	-	-	MTP-86	-	-	-
Suzuki • Grand Vitara											
2013-09	L4/2.4L			24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2010-09	V6/3.2L			24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2008-06	V6/2.7L			24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2005-04	V6/2.5L			24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2003-99	V6/2.5L			85	550	-	-	-	MT-85	-	-
2001	V6/2.7L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Suzuki • Kizashi											
2013-10	L4/2.4L			24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
Suzuki • Reno											
2008-05	L4/2.0L			86 ¹¹	610	-	-	MTP-86	-	-	-
Suzuki • Swift											
2001-95	L4/1.3L			26R	440	-	-	-	MT-26R	-	-
1994-92	L3/1.0L			51	435	-	-	-	MT-51	-	-
1993-92	L4/1.6L			51	435	-	-	-	MT-51	-	-
Suzuki • Swift+											
2009-04	L4/1.6L			86	550	-	-	MTP-86	MT-86	-	-
Suzuki • SX4											
2013-07	L4/2.0L			24	700	MTZ-34 ¹	-	MTP-24	-	M-24HC	-
Suzuki • SX4 Crossover											
2012	L4/2.0L			24	700	MTZ-34 ¹	-	MTP-24	-	M-24HC	-
Suzuki • Verona											
2006-04	L6/2.5L			34 ¹¹	700	MTZ-34	MTX-34	-	-	-	-
Suzuki • Vitara											
2004	V6/2.5L			85	600	-	-	-	MT-85	-	-
2003-02	L4/2.0L			85	550	-	-	-	MT-85	-	-
2002	L4/1.6L			26R	540	-	-	-	MT-26R	-	-
2001-99	L4/1.6L			85	550	-	-	-	MT-85	-	-
Suzuki • XL-7											
2009-07	V6/3.6L			47	650	-	MTX-47/H5	-	MT-47/H5	-	-
2006-04	V6/2.7L			24F	700	MTZ-34R ¹	MTX-24F	MTP-24F	-	-	-
2003-02	V6/2.7L			85	550	-	-	-	MT-85	-	-
Tesla • 3											
2020-17	Electric			N/A ⁴⁵	-	-	-	-	-	-	-
Tesla • Roadster											
2011-08	Electric			N/A ⁴⁵	-	-	-	-	-	-	-
Tesla • S											
2020-17	Electric			N/A ⁴⁵	-	-	-	-	-	-	-
2016	Electric	April 2016 and after		N/A ⁴⁵	-	-	-	-	-	-	-
2016	Electric	Before April 2016		N/A ⁴⁵	-	-	-	-	-	-	-
2015-12	Electric			N/A ⁴⁵	-	-	-	-	-	-	-
Tesla • X											
2020-16	Electric			N/A ⁴⁵	-	-	-	-	-	-	-
Tesla • Y											
2020	Electric			N/A ⁴⁵	-	-	-	-	-	-	-
Toyota • 4Runner											
2020-03	V6/4.0L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2010	L4/2.7L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2010	L4/2.7L	Opt	●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2009-03	V8/4.7L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2009-03	V8/4.7L	Opt	●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2009-03	V6/4.0L	Opt	●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2002	V6/3.4L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2001	V6/3.4L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2001	V6/3.4L	Opt		27F	710	MTZ-34R ¹	-	MTP-27F	-	-	-
1990	V6/3.0L			24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ¹⁸
1990	L4/2.4L			25	350	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
Toyota • 86											
2020-17	H4/2.0L			35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Toyota • Avalon											
2020-19	V6/3.5L			48	605	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2020-19	L4/2.5L	Hybrid		47 ⁵⁰	355	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2018-13	L4/2.5L	Hybrid	●	S55D23R ^{33,45,50,61}	355	-	-	-	-	-	-
2018-05	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2015-13	L4/2.5L	Hybrid, w/Mayday System	●	S65D26R ^{33,45,50,61}	450	-	-	-	-	-	-
2015-05	V6/3.5L	Opt		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2004-03	V6/3.0L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2004-03	V6/3.0L	Opt		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Toyota • Avalon (continued)											
2002	V6/3.0L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2002-95	V6/3.0L	US		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Toyota • Camry											
2020	L4/2.5L	Gas		47	585	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2020	L4/2.5L	Hybrid, w/Moon Roof		47 ⁵⁰	585	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2020-19	V6/3.5L			48	605	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2020-18	L4/2.5L	Hybrid		47 ⁵⁰	345	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2019-18	L4/2.5L	Gas		48	605	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2019-18	L4/2.5L	Hybrid, w/Moon Roof		47 ⁵⁰	355	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2018	V6/3.5L			48	605	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2017-12	L4/2.5L	Gas		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2017-12	L4/2.5L	Hybrid, w/Moon Roof	●	S65D26R ^{33,45,50,61}	450	-	-	-	-	-	-
2017-12	L4/2.5L	Hybrid	●	S55D23R ^{33,45,50,61}	355	-	-	-	-	-	-
2017-07	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2011-10	L4/2.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2011-07	L4/2.4L	Hybrid	●	S65D26R ^{33,45,50,61}	-	-	-	-	-	-	-
2009-04	L4/2.4L	Gas		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2006-04	V6/3.3L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2006-04	V6/3.0L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2003-02	V6/3.0L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2003-02	L4/2.4L			35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2003-02	L4/2.4L	Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2002	V6/3.0L	US		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2001	V6/3.0L	US		35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2001	V6/3.0L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2001	L4/2.2L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2001	L4/2.2L	US		35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2000-95	V6/3.0L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2000-92	L4/2.2L	Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2000-92	L4/2.2L			35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2000-92	V6/3.0L			35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1994-92	V6/3.0L	Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
1991-90	V6/2.5L	US		21R	330	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
1991-90	V6/2.5L	Japan Production		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1991-90	L4/2.0L	US		21R	330	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
1991-90	L4/2.0L	Japan Production		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Toyota • Celica											
2005-00	L4/1.8L			35	310	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2001-00	L4/1.8L	Opt		35	420	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1999-92	L4/2.2L	Opt		24F	490	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
1997-94	L4/1.8L			35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1996-94	L4/1.8L	Opt		35	420	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1993-92	L4/2.0L			35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1991-90	L4/2.2L			35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1991-90	L4/2.0L	FWD		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Toyota • C-HR											
2020-18	L4/2.0L			47	345	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
Toyota • Corolla											
2021-20	L4/1.8L			140R	310	-	-	-	-	-	-
2021-19	L4/2.0L			47	345	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2019-18	L4/1.8L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2017-09	L4/1.8L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2012-11	L4/2.4L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2010-09	L4/2.4L			24F	575	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2008-06	L4/1.8L			35	420	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2006	L4/1.8L			35	420	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2005-04	L4/1.8L			35	310	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2003-95	L4/1.8L			35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
1997-95	L4/1.6L	Opt		35	310	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
1996	L4/1.6L	Std Battery		21R	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
1994-93	L4/1.8L			21R	310	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
1994-93	L4/1.8L	Opt		35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
1994	L4/1.6L	Opt		21R	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
1994	L4/1.6L			35	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1993-90	L4/1.6L			21R	310	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
1990	L4/1.6L	Opt		21R	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HJC
Toyota • Corolla iM											
2018-17	L4/1.8L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Toyota • Echo											
2005-03	L4/1.5L			21	420	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
2002	L4/1.5L	Can & Opt 10		25	360	-	-	-	MT-25	M-25	MTP-75DT ^{1C, 6}
2002	L4/1.5L	US		21	310	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
2001	L4/1.5L	Can & Opt		25	420	-	-	-	MT-25	M-25	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Toyota • FJ Cruiser											
2014	V6/4.0L		●	24R	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2013-11	V6/4.0L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2010-07	V6/4.0L		●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
Toyota • Highlander											
2021-20	V6/3.5L		●	48	605	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6 ⁴⁸	M-48/H6 ⁴⁸	-
2021-20	L4/2.5L	Hybrid	●	47 ⁵⁰	345	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2019	V6/3.5L	Gas w/o Start-Stop	●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2019	V6/3.5L	Gas w/Start-Stop	●	24F ⁵⁹	605	-	-	-	-	-	-
2019	L4/2.7L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2019-11	V6/3.5L	Hybrid	●	S55D23L ^{33,45,50,61}	360	-	-	-	-	-	-
2018-11	V6/3.5L	Gas	●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2018-09	L4/2.7L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2010-08	V6/3.5L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2010-06	V6/3.3L	Hybrid	●	51R	435	-	-	-	MT-51R	-	-
2007-06	V6/3.3L	Gas	●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2007-02	L4/2.4L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2005-04	V6/3.3L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2003-02	V6/3.0L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2001	V6/3.0L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Toyota • Land Cruiser											
2020-13	V8/5.7L		●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2011-08	V8/5.7L		●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2007-01	V8/4.7L		●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2000-98	V8/4.7L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
1997-93	L6/4.5L	Opt	●	27F	625	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
1997-93	L6/4.5L		●	24F	450	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Toyota • Matrix											
2014-09	L4/1.8L		●	35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2013-09	L4/2.4L		●	24F	575	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2008-03	L4/1.8L		●	35	550	-	MTX-35	MTP-35	MT-35	-	-
2006	L4/1.8L		●	35	550	-	MTX-35	MTP-35	MT-35	-	-
Toyota • Mirai											
2019-16	Electric	Electric/Hydrogen	●	S46B24R ^{33,45,50,61}	360	-	-	-	-	-	-
Toyota • MR2											
1995-93	L4/2.0L		●	24F	490	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
1995-93	L4/2.0L		●	35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
1995-93	L4/2.2L		●	24F	490	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
1992-91	L4/2.2L		●	35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1992-91	L4/2.0L		●	35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Toyota • MR2 Spyder											
2005-02	L4/1.8L		●	51R	430	-	-	-	MT-51R	-	-
Toyota • Paseo											
1999-98	L4/1.5L		●	25	550	-	-	-	MT-25	M-25	-
Toyota • Pickup, T100											
1998-94	L4/2.7L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
1990	V6/3.0L	Opt	●	21	350	MTZ-75DT	-	-	MT-25	M-25	MTP-75DT ^{1C}
1990	V6/3.0L		●	24	585	MTZ-34 ¹	-	MTP-24	MT-24	M-24HC	MTP-78DT ^{1B}
1990	L4/2.4L		●	21	320	MTZ-75DT	-	-	MT-25	M-25	MTP-75DT ^{1C}
1990	L4/2.4L	Opt	●	25	350	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
Toyota • Prius											
2020-16	L4/1.8L	Hybrid	●	140R	295	-	-	MTP-H4	-	-	-
2015-10	L4/1.8L	Hybrid	●	S46B24R ^{33,45,50}	325	-	MTX-S46B24R	-	-	-	-
2009-04	L4/1.5L	Smart Key	●	S46B24R ^{33,45,50}	325	-	MTX-S46B24R	-	-	-	-
2009-04	L4/1.5L	Ex Smart Key	●	S34B20R ^{33,45,50}	270	-	-	-	-	-	-
2003-02	L4/1.5L		●	S34B20L ^{33,45,50}	270	-	-	-	-	-	-
2001	L4/1.5L		●	S34B20L ^{33,50}	270	-	-	-	-	-	-
Toyota • Prius AWD-e											
2020-19	L4/1.8L	Hybrid	●	140R	295	-	-	MTP-H4	-	-	-
Toyota • Prius C											
2019-18	L4/1.5L	Hybrid	●	LN0 ^{45,50}	280	-	-	-	-	-	-
2017-12	L4/1.5L	Hybrid	●	S34B20R ^{33,45,50}	270	-	-	-	-	-	-
Toyota • Prius Plug-In											
2015-12	L4/1.8L	Hybrid	●	S46B24R ^{33,45,50}	325	-	MTX-S46B24R	-	-	-	-
Toyota • Prius Prime											
2020-17	L4/1.8L	Hybrid	●	140R	295	-	-	MTP-H4	-	-	-
Toyota • Prius V											
2018-12	L4/1.8L	Hybrid	●	S46B24R ^{33,45,50}	325	-	MTX-S46B24R	-	-	-	-
Toyota • RAV4											
2020-19	L4/2.5L	Gas w/o Start-Stop	●	47	565	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2020-19	L4/2.5L	Gas w/Start-Stop	●	48 ^{50,59}	605	-	-	-	-	-	-
2020-19	L4/2.5L	Hybrid w/o Wireless/Smart door lock, Opt Audio	●	140R ⁵⁰	285	-	-	MTP-H4	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Toyota • RAV4 (continued)											
2020-19	L4/2.5L	Hybrid w/Wireless/Smart door lock, Opt Audio		47 ⁵⁰	345	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2018-16	L4/2.5L	Gas		35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2018-16	L4/2.5L	Hybrid w/o Premium Sound System	●	S46B24R ^{33,45,50,61}	325	-	-	-	-	-	-
2018-16	L4/2.5L	Hybrid w/Premium Sound System	●	S55D23R ^{33,45,50,61}	355	-	-	-	-	-	-
2015	L4/2.5L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2014	L4/2.5L			35	356	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2014-12	Electric			55D23L ⁴⁵	355	-	MTX-35	MTP-35	MT-35	-	-
2013-09	L4/2.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2012-06	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2008-04	L4/2.4L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2003-02	L4/2.0L			35	420	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2001	L4/2.0L			35	420	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2000-96	L4/2.0L			21R	360	-	MTX-35	MTP-35	MT-35	M-35	-
Toyota • Sequoia											
2020	V8/5.7L		○	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2019	V8/5.7L		○	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F ⁴⁸	-
2018-08	V8/5.7L		○	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2012-10	V8/4.6L		○	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2009-04	V8/4.7L		○	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2003-02	V8/4.7L		○	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2003-02	V8/4.7L	Opt	○	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2001	V8/4.7L	Opt		27F	650	MTZ-34R ¹	-	MTP-27F	-	-	-
2001	V8/4.7L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Toyota • Sienna											
2020-07	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2013-11	L4/2.7L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2006-04	V6/3.3L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2003-02	V6/3.0L			35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2003-02	V6/3.0L	Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2001-98	V6/3.0L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Toyota • Solara											
2008-06	L4/2.4L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2008-04	V6/3.3L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2005-02	L4/2.4L			35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2003-02	V6/3.0L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2002	V6/3.0L	US		35	390	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2001	V6/3.0L	US		35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2001	V6/3.0L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2001	L4/2.2L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2001	L4/2.2L	US		35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2000-99	V6/3.0L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2000-99	L4/2.2L	Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2000-99	L4/2.2L			35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2000-99	V6/3.0L			35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Toyota • Supra											
1998-94	L6/3.0L	AT		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
1993	L6/3.0L	AT		24F	485	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24F	M-24FHC
Toyota • Tacoma											
2020-16	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2020-05	L4/2.7L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2015-09	V6/4.0L			27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2008-05	V6/4.0L	Cold Climate or Towing Package		27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2008-05	V6/4.0L	Ex Cold Climate & Towing Package		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2004	V6/3.4L			24F	550	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2004	L4/2.7L			35	310	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2004	L4/2.4L			35	310	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2003-01	V6/3.4L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2003-01	V6/3.4L	US		35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2003-01	L4/2.7L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2003-01	L4/2.7L	US		35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2003-01	L4/2.4L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2003-01	L4/2.4L	US		35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2000-95	L4/2.4L	Can & Opt		24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2000-95	L4/2.4L			35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2000-95	L4/2.7L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2000-95	V6/3.4L	Opt		35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
2000-95	V6/3.4L			35	360	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
Toyota • Tercel											
1999-95	L4/1.5L			25	360	-	-	-	MT-25	M-25	-
1992-91	L4/1.5L	Opt		25	350	-	-	-	MT-25	M-25	MTP-75DT ^{1C}
1990	L4/1.5L			21R	310	-	MTX-35	MTP-35	MT-35	M-35	M-35HC
1990	L4/1.5L	Opt		35	350	-	MTX-35	MTP-35	MT-35	M-35	M-35HC

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Toyota • Tundra											
2020-08	V8/5.7L	Opt	●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2020-07	V8/5.7L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2019-10	V8/4.6L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2019-10	V8/4.6L	Opt	●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2014-08	V6/4.0L	Opt	●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2014-07	V6/4.0L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2009-08	V8/4.7L	Opt	●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2009-07	V8/4.7L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2006	V6/4.0L	Cold Climate or Opt	●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2006	V6/4.0L	Ex Cold Climate	●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2006-05	V8/4.7L	Ex Cold Climate	●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2006-02	V8/4.7L	Cold Climate or Opt	●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2005	V6/4.0L		●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2005	V6/4.0L	Opt	●	27F	710	MTZ-34R ¹	MTX-24F	MTP-27F	-	M-27F	-
2004-02	V8/4.7L	Primary Battery	●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2004-02	V6/3.4L	MT	●	35	360	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2004-02	V6/3.4L	AT or Opt	●	24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2000	V8/4.7L	Opt		27F	650	MTZ-34R ¹	-	MTP-27F	-	-	-
Toyota • Venza											
2016-09	V6/3.5L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
2016-09	L4/2.7L			24F	585	MTZ-34R ¹	MTX-24F	MTP-24F	MT-24F	M-24FHC	-
Toyota • Yaris											
2020	L4/1.5L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
2019-16	L4/1.5L			47	355	-	-	-	-	-	-
2019-15	L4/1.5L			47	355	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2014-06	L4/1.5L			55D23L ⁴⁵	360	-	-	-	-	-	MT-26R ^{10,9}
Toyota • Yaris iA											
2018-17	L4/1.5L			35	355	-	MTX-35	MTP-35	MT-35	M-34	M-35HC
Volkswagen • Arteon											
2021-19	L4/2.0L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2021-19	L4/2.0L	PR Code: JON	●	47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2021-19	L4/2.0L	PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2021-19	L4/2.0L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2021-19	L4/2.0L	PR Code: JOV		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2021-19	L4/2.0L	PR Code: J1D	●	48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2021-19	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2021-19	L4/2.0L	PR Code: J2S		140R ^{55,56,58}	480	-	-	MTP-H4	-	-	-
Volkswagen • Atlas											
2020-18	V6/3.6L	PR Code: JON	●	47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2020-18	V6/3.6L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2020-18	V6/3.6L	PR Code: JOV, JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2020-18	V6/3.6L	PR Code: J1D	●	48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2020-18	V6/3.6L	PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-18	L4/2.0L	PR Code: JON	●	47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2020-18	L4/2.0L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2020-18	L4/2.0L	PR Code: JOV, JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2020-18	L4/2.0L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2020-18	L4/2.0L	PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Volkswagen • Atlas Cross Sport											
2021-20	V6/3.6L	PR Code: JOV		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2021-20	L4/2.0L	PR Code: JOV		48 ^{55,56,58,59}	680	-	-	-	-	-	-
Volkswagen • Beetle											
2019-17	L4/2.0L	PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2019-12	L4/2.0L	PR Code: JON		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2019-12	L4/2.0L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2019-12	L4/2.0L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2019-12	L4/2.0L	PR Code: J1L		47 ^{55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2019-12	L4/2.0L	PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017	L4/1.8L	PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2017-14	L4/1.8L	PR Code: JON		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017-14	L4/1.8L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2017-14	L4/1.8L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2017-14	L4/1.8L	PR Code: J1L		47 ^{55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2017-14	L4/1.8L	PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-13	L4/2.0L	Dsl, PR Code: JON		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2015-13	L4/2.0L	Dsl, PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2015-13	L4/2.0L	Dsl, PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2015-13	L4/2.0L	Dsl, PR Code: J1L		47 ^{55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2015-13	L4/2.0L	Dsl, PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2014-12	L5/2.5L	PR Code: JON		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2014-12	L5/2.5L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2014-12	L5/2.5L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2014-12	L5/2.5L	PR Code: J1L		47 ^{55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Volkswagen • Beetle (continued)											
2014-12	L5/2.5L	PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2010-06	L5/2.5L			47 ^{55,56}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2010-06	L5/2.5L	Opt		48 ^{35,56}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2006-02	L4/1.9L	Turbo Dsl, Opt		48 ^{55,56}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2006-02	L4/1.9L	Turbo Dsl		47 ^{55,56}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2005-02	L4/2.0L			47 ^{55,56}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2005-02	L4/2.0L	Opt		48 ^{35,56}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2005-02	L4/1.8L			47 ^{55,56}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2005-02	L4/1.8L	Opt		48 ^{35,56}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
1999	L4/1.8L			48	640	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1979-77	H4/1.6L	w/AC		41	450	-	-	-	MT-41	-	-
1979-77	H4/1.6L	w/o AC		42	300	-	-	-	MT-42	-	-
1969-67	H4/1.6L			42	300	-	-	-	MT-42	-	-
Volkswagen • Cabrio											
2002	L4/2.0L			47	575	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Volkswagen • Cabrio, Cabriolet											
1999-98	L4/2.0L			97R	575	-	-	-	-	-	MT-47/H5 ^{6,10}
Volkswagen • CC											
2017-12	V6/3.6L	PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2017-12	L4/2.0L	PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2017-09	V6/3.6L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017-09	V6/3.6L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2017-09	V6/3.6L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2017-09	V6/3.6L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017-09	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017-09	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2017-09	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2017-09	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Volkswagen • Corrado											
1995-92	V6/2.8L			42	460	-	-	-	MT-42	-	-
1992-90	L4/1.8L			42	460	-	-	-	MT-42	-	-
Volkswagen • e-Golf											
2020-15	Electric	PR Code: J0H	●	47 ^{33,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2020-15	Electric	PR Code: J0N		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2020-15	Electric	PR Code: J0S		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2020-15	Electric	PR Code: J1P		140R ^{55,56,58}	360	-	-	MTP-H4	-	-	-
2020-15	Electric	PR Code: J2D w/o Start-Stop	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-15	Electric	PR Code: J2D w/Start-Stop		48 ^{55,56,58,59}	680	-	-	-	-	-	-
Volkswagen • Eos											
2016-11	L4/2.0L	PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2016-09	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-09	L4/2.0L	PR Code: J2S		140R ^{50,55,56,58}	480	-	-	MTP-H4	-	-	-
2016-07	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2016-07	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2008-07	V6/3.2L	PR Code: J2K		N/A ^{2,45,58}	-	-	-	-	-	-	-
Volkswagen • EuroVan											
2003	V6/2.8L			97R ^{50,54}	575	-	-	-	-	M-47/H5 ^{6,10}	MT-47/H5 ^{6,10}
2002	V6/2.8L	Aux		27 ^{31,54}	570	MTZ-34 ¹	-	-	-	-	SRM-27
2002	V6/2.8L	Primary Battery		97R ^{50,54}	575	-	-	-	-	M-47/H5 ^{6,10}	MT-47/H5 ^{6,10}
2001-99	V6/2.8L	Aux Battery		27 ³¹	570	MTZ-34 ¹	-	-	MT-27	M-27	-
1999	V6/2.8L			42	460	-	-	-	MT-42	-	-
1996	L5/2.5L	Aux Battery		27	570	MTZ-34 ¹	-	-	MT-27	M-27	-
1996	L5/2.5L	Primary Battery		97R	575	-	-	-	-	-	MT-47/H5 ^{6,10}
1994	L5/2.4L			42	460	-	-	-	MT-42	-	-
Volkswagen • Fox											
1993	L4/1.8L			42	450	-	-	-	MT-42	-	-
Volkswagen • Golf											
2020-19	L4/1.4L	Aux for Start-Stop		N/A ^{45,50}	-	-	-	-	-	-	-
2020-19	L4/1.4L	PR Code: J0H	●	47 ^{33,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2020-19	L4/1.4L	PR Code: J0S		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2020-19	L4/1.4L	PR Code: J0T		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2020-19	L4/1.4L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2020-19	L4/1.4L	PR Code: J1L		47 ^{55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2020-19	L4/1.4L	PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018	L4/1.8L	Aux for Start-Stop		N/A ^{45,50}	-	-	-	-	-	-	-
2018-15	L4/1.8L	PR Code: J0H	●	47 ^{33,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2018-15	L4/1.8L	PR Code: J0S		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2018-15	L4/1.8L	PR Code: J0T		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2018-15	L4/1.8L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2018-15	L4/1.8L	PR Code: J1L		47 ^{55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2018-15	L4/1.8L	PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017-15	L4/1.8L	PR Code: J0N		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017-15	L4/1.8L	PR Code: J1P		140R ^{55,56,58}	360	-	-	MTP-H4	-	-	-

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AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Volkswagen • Golf (continued)											
2017-15	L4/1.8L	PR Code: J2S		140R ^{55,56,58}	480	-	-	MTP-H4	-	-	-
2015	L4/2.0L	Dsl, PR Code: JOH	●	47 ^{33,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2015	L4/2.0L	Dsl, PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2015	L4/2.0L	Dsl, PR Code: J1P		140R ^{55,56,58}	360	-	-	MTP-H4	-	-	-
2015	L4/2.0L	Dsl, PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-14	L4/2.0L	Dsl, PR Code: JON		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2015-14	L4/2.0L	Dsl, PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2015-14	L4/2.0L	Dsl, PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2015-14	L4/2.0L	Dsl, PR Code: J1L		47 ^{55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2015-14	L4/2.0L	Dsl, PR Code: J2S		140R ^{55,56,58}	480	-	-	MTP-H4	-	-	-
2014	L5/2.5L	PR Code: JON		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2014	L5/2.5L	PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2014	L5/2.5L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2014	L5/2.5L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2014	L5/2.5L	PR Code: J1L		47 ^{55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2014	L5/2.5L	PR Code: J2S		140R ^{55,56,58}	480	-	-	MTP-H4	-	-	-
2014	L4/2.0L	Dsl, PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2013	L4/2.0L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2013	L4/2.0L	PR Code: JOT		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2013	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2013	L4/2.0L	PR Code: J1P		140R ^{50,55,56,58}	360	-	-	MTP-H4	-	-	-
2013	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013	L4/2.0L	PR Code: J2S		140R ^{50,55,56,58}	480	-	-	MTP-H4	-	-	-
2013-12	L5/2.5L	PR Code: JOT		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2013-12	L4/2.0L	Dsl, PR Code: JOT		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2013-10	L5/2.5L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2013-10	L5/2.5L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2013-10	L5/2.5L	PR Code: J1P		140R ^{50,55,56,58}	360	-	-	MTP-H4	-	-	-
2013-10	L5/2.5L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-10	L5/2.5L	PR Code: J2S		140R ^{50,55,56,58}	480	-	-	MTP-H4	-	-	-
2013-10	L4/2.0L	Dsl, PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2013-10	L4/2.0L	Dsl, PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2013-10	L4/2.0L	Dsl, PR Code: J1P		140R ^{50,55,56,58}	360	-	-	MTP-H4	-	-	-
2013-10	L4/2.0L	Dsl, PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2013-10	L4/2.0L	Dsl, PR Code: J2S		140R ^{50,55,56,58}	480	-	-	MTP-H4	-	-	-
2010	L5/2.5L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2010	L5/2.5L	PR Code: J1L		47 ^{50,55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2010	L4/2.0L	Dsl, PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2010	L4/2.0L	Dsl, PR Code: J1L		47 ^{50,55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2006	L4/2.0L	Ex Turbo		47	480	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2006	L4/1.9L	Dsl		48	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2006	L4/1.8L			47	480	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2005-04	L4/1.9L	Turbo Dsl		94R	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005-03	V6/2.8L			94R	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2005-03	L4/2.0L			47	570	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2005-03	L4/1.8L			47	570	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2003	L4/1.9L	Turbo Dsl		47	570	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2002	V6/2.8L			47	575	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2002	L4/2.0L			47	575	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2002	L4/1.9L	Turbo Dsl		47	575	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2002	L4/1.8L			47	575	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2001	L4/1.9L	Dsl, PR Code J0N, J1L		47 ⁵⁸	575	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2001-99	L4/2.0L	PR Code J0L		48 ^{50,55,56,58}	70 Ah	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-	-
2000	L4/1.9L			94R	620	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
1999	L4/1.9L	Dsl		98R	620	-	-	-	-	-	MTP-48/H6 ^{5,6,10}
1999-98	V6/2.8L			97R	575	-	-	-	-	-	MT-47/H5 ^{6,10}
1999-98	L4/2.0L			97R	575	-	-	-	-	-	MT-47/H5 ^{6,10}
1996-95	V6/2.8L			41	575	-	-	-	MT-41	-	-
1996-95	V6/2.8L	Opt		41	650	-	-	-	MT-41	-	-
1996	L4/1.9L	Turbo, Dsl		41 ⁶	650	-	-	-	MT-41	-	-
1995-90	L4/1.9L			41	575	-	-	-	MT-41	-	-
1995-90	L4/1.8L			41	500	-	-	-	MT-41	-	-
1995-90	L4/1.6L			41	500	-	-	-	MT-41	-	-
1995-90	L4/2.0L			41	500	-	-	-	MT-41	-	-

Volkswagen • Golf Alltrack

2019-18	L4/1.8L	Aux for Start-Stop		N/A ^{45,50}	-	-	-	-	-	-	-
2019-17	L4/1.8L	PR Code: J0H	●	47 ^{33,55,56,58}	640	-	MTX-47/H5	-	-	-	-
2019-17	L4/1.8L	PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-
2019-17	L4/1.8L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-
2019-17	L4/1.8L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2019-17	L4/1.8L	PR Code: J1L		47 ^{55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2019-17	L4/1.8L	PR Code: J2D	●	48 ^{33,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017	L4/1.8L	PR Code: JON		47 ^{55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017	L4/1.8L	PR Code: J1P		140R ^{55,56,58}	360	-	-	MTP-H4	-	-	-
2017	L4/1.8L	PR Code: J2S		140R ^{55,56,58}	480	-	-	MTP-H4	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other	
						MTZ	MTX	MTP	MT	M	Alternate	
Volkswagen • Golf City												
2010-07	L4/2.0L			47 ⁵⁴	540	-		MTX-47/H5	-	MT-47/H5	M-47/H5	-
Volkswagen • Golf R												
2019-18	L4/2.0L	Aux for Start-Stop		N/A ^{45,50}	-	-	-	-	-	-	-	-
2019-18	L4/2.0L	PR Code: J1D		48 ^{55,56,58}	640	-	-	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2019-15	L4/2.0L	PR Code: JOH	●	47 ^{33,55,56,58}	640	-	-	MTX-47/H5	-	-	-	-
2019-15	L4/2.0L	PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-	-
2019-15	L4/2.0L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-	-
2019-15	L4/2.0L	PR Code: J1L		47 ^{55,56,58}	480	-	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2019-15	L4/2.0L	PR Code: J2D	●	48 ^{33,55,56,58}	680	-	-	MTZ-48/H6	MTX-48/H6	-	-	-
2017-16	L4/2.0L	PR Code: J1D		48 ^{35,56,58}	640	-	-	MTZ-48/H6	MTX-48/H6	MTP-48/H6	-	-
2017-15	L4/2.0L	PR Code: JON		47 ^{55,56,58}	540	-	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017-15	L4/2.0L	PR Code: J1P		140R ^{55,56,58}	360	-	-	-	-	MTP-H4	-	-
2017-15	L4/2.0L	PR Code: J2S		140R ^{55,56,58}	480	-	-	-	-	MTP-H4	-	-
2015	L4/2.0L	PR Code: J1D		48 ^{55,56,58}	640	-	-	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2013-12	L4/2.0L	PR Code: JON		47 ^{50,55,56,58}	540	-	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2013-12	L4/2.0L	PR Code: JOT		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-	-
2013-12	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	-	-	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2013-12	L4/2.0L	PR Code: J1P		140R ^{50,55,56,58}	360	-	-	-	-	MTP-H4	-	-
2013-12	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	-	-	MTZ-48/H6	MTX-48/H6	-	-	-
2013-12	L4/2.0L	PR Code: J2S		140R ^{50,55,56,58}	480	-	-	-	-	MTP-H4	-	-
Volkswagen • Golf SportWagen												
2019	L4/1.4L	PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-	-
2019	L4/1.4L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-	-
2019	L4/1.4L	PR Code: J1D		48 ^{55,56,58}	640	-	-	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2019	L4/1.4L	PR Code: J1L		47 ^{55,56,58}	480	-	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2019-18	L4/1.8L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-	-
2019-15	L4/1.8L	PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-	-
2019-15	L4/1.8L	PR Code: J1D		48 ^{55,56,58}	640	-	-	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2019-15	L4/1.8L	PR Code: J1L		47 ^{55,56,58}	480	-	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2017-15	L4/1.8L	PR Code: JON		47 ^{55,56,58}	540	-	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017-15	L4/1.8L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-	-
2017-15	L4/1.8L	PR Code: J2S		140R ^{55,56,58}	480	-	-	-	-	MTP-H4	-	-
2015	L4/2.0L	Dsl, PR Code: JON		47 ^{55,56,58}	540	-	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2015	L4/2.0L	Dsl, PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-	-
2015	L4/2.0L	Dsl, PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-	-
2015	L4/2.0L	Dsl, PR Code: J1D		48 ^{55,56,58}	640	-	-	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2015	L4/2.0L	Dsl, PR Code: J1L		47 ^{55,56,58}	480	-	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2015	L4/2.0L	Dsl, PR Code: J2S		140R ^{55,56,58}	480	-	-	-	-	MTP-H4	-	-
Volkswagen • GTI												
2020-18	L4/2.0L	Aux for Start-Stop		N/A ^{45,50}	-	-	-	-	-	-	-	-
2020-15	L4/2.0L	PR Code: JOH	●	47 ^{33,55,56,58}	640	-	-	MTX-47/H5	-	-	-	-
2020-15	L4/2.0L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-	-
2020-15	L4/2.0L	PR Code: J2D	●	48 ^{33,55,56,58}	680	-	-	MTZ-48/H6	MTX-48/H6	-	-	-
2020-14	L4/2.0L	PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-	-
2020-14	L4/2.0L	PR Code: J1D		48 ^{55,56,58}	640	-	-	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2020-14	L4/2.0L	PR Code: J1L		47 ^{55,56,58}	480	-	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2017-15	L4/2.0L	PR Code: J1P		140R ^{55,56,58}	360	-	-	-	-	MTP-H4	-	-
2017-14	L4/2.0L	PR Code: JON		47 ^{55,56,58}	540	-	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017-14	L4/2.0L	PR Code: J2S		140R ^{55,56,58}	480	-	-	-	-	MTP-H4	-	-
2014	L4/2.0L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-	-
2013-12	L4/2.0L	PR Code: JOT		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-	-
2013-10	L4/2.0L	PR Code: JON		47 ^{50,55,56,58}	540	-	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2013-10	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	-	-	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2013-10	L4/2.0L	PR Code: J1P		140R ^{50,55,56,58}	360	-	-	-	-	MTP-H4	-	-
2013-10	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	-	-	MTZ-48/H6	MTX-48/H6	-	-	-
2013-10	L4/2.0L	PR Code: J2S		140R ^{50,55,56,58}	480	-	-	-	-	MTP-H4	-	-
2010	L4/2.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2010	L4/2.0L	PR Code: J1L		47 ^{50,55,56,58}	480	-	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2009	L4/2.0L			48 ⁵⁴	570	-	-	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6
2008-06	L4/2.0L			48 ⁵⁴	540	-	-	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6
Volkswagen • Jetta												
2020-18	L4/2.0L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-	-
2020-18	L4/1.4L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-	-
2020-17	L4/1.4L	PR Code: JON		47 ^{55,56,58}	540	-	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2020-17	L4/1.4L	PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-	-
2020-17	L4/1.4L	PR Code: J1D		48 ^{55,56,58}	640	-	-	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2020-17	L4/1.4L	PR Code: J1L		47 ^{55,56,58}	480	-	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2020-17	L4/1.4L	PR Code: J2D	●	48 ^{33,55,56,58}	680	-	-	MTZ-48/H6	MTX-48/H6	-	-	-
2020-15	L4/2.0L	PR Code: JOS		47 ^{55,56,58,59}	540	-	-	-	-	-	-	-
2020-11	L4/2.0L	PR Code: J2D	●	48 ^{33,55,56,58}	680	-	-	MTZ-48/H6	MTX-48/H6	-	-	-
2020-05	L4/2.0L	PR Code: J1L		47 ^{55,56,58}	480	-	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2020-02	L4/2.0L	PR Code: JON		47 ^{55,56,58}	540	-	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2020-02	L4/2.0L	PR Code: J1D		48 ^{55,56,58}	640	-	-	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-
2018	L4/1.8L	PR Code: JOT		48 ^{55,56,58,59}	680	-	-	-	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Volkswagen • Jetta (continued)											
2018-17	L4/1.4L	PR Code: J1P		140R ^{55, 56, 58}	360	-	-	MTP-H4	-	-	-
2018-15	L4/1.8L	PR Code: J0S		47 ^{55, 56, 58, 59}	540	-	-	-	-	-	-
2018-14	L4/1.8L	PR Code: J0N		47 ^{55, 56, 58}	540	-	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸
2018-14	L4/1.8L	PR Code: J1D		48 ^{55, 56, 58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2018-14	L4/1.8L	PR Code: J1L		47 ^{55, 56, 58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2018-14	L4/1.8L	PR Code: J1P		140R ^{55, 56, 58}	360	-	-	MTP-H4	-	-	-
2018-14	L4/1.8L	PR Code: J2D	●	48 ^{33, 55, 56, 58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-05	L4/2.0L	PR Code: J1P		140R ^{55, 56, 58}	360	-	-	MTP-H4	-	-	-
2017	L4/1.4L	PR Code: J0T		48 ^{55, 56, 58, 59}	680	-	-	-	-	-	-
2017-14	L4/1.8L	PR Code: J0T		48 ^{55, 56, 58, 59}	680	-	-	-	-	-	-
2017-11	L4/2.0L	PR Code: J0T		48 ^{55, 56, 58, 59}	680	-	-	-	-	-	-
2016	L4/1.4L	Gas, PR Code: J0N		47 ^{55, 56, 58}	540	-	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸
2016	L4/1.4L	Gas, PR Code: J0S		47 ^{55, 56, 58, 59}	540	-	-	-	-	-	-
2016	L4/1.4L	Gas, PR Code: J0T		48 ^{55, 56, 58, 59}	680	-	-	-	-	-	-
2016	L4/1.4L	Gas, PR Code: J1D		48 ^{55, 56, 58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2016	L4/1.4L	Gas, PR Code: J1L		47 ^{55, 56, 58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2016	L4/1.4L	Gas, PR Code: J1P		140R ^{55, 56, 58}	360	-	-	MTP-H4	-	-	-
2016	L4/1.4L	Gas, PR Code: J2D	●	48 ^{33, 55, 56, 58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2016-15	L4/1.4L	Hybrid, PR Code: J0N		47 ^{50, 55, 56, 58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2016-15	L4/1.4L	Hybrid, PR Code: J0S		47 ^{50, 55, 56, 58, 59}	540	-	-	-	-	-	-
2016-15	L4/1.4L	Hybrid, PR Code: J1L		47 ^{50, 55, 56, 58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2015	L4/2.0L	Dsl, PR Code: J0S		47 ^{55, 56, 58, 59}	540	-	-	-	-	-	-
2015-11	L4/2.0L	Dsl, PR Code: J0T		48 ^{55, 56, 58, 59}	680	-	-	-	-	-	-
2015-11	L4/2.0L	Dsl, PR Code: J2D	●	48 ^{33, 55, 56, 58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2015-09	L4/2.0L	Dsl, PR Code: J0N		47 ^{55, 56, 58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2015-09	L4/2.0L	Dsl, PR Code: J1D		48 ^{55, 56, 58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2015-09	L4/2.0L	Dsl, PR Code: J1L		47 ^{55, 56, 58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2015-09	L4/2.0L	Dsl, PR Code: J1P		140R ^{55, 56, 58}	360	-	-	MTP-H4	-	-	-
2014-13	L4/1.4L	Hybrid, PR Code: J0N		47 ^{55, 56, 58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2014-13	L4/1.4L	Hybrid, PR Code: J0S		47 ^{55, 56, 58, 59}	540	-	-	-	-	-	-
2014-11	L5/2.5L	PR Code: J0T		48 ^{55, 56, 58, 59}	680	-	-	-	-	-	-
2014-11	L5/2.5L	PR Code: J2D	●	48 ^{33, 55, 56, 58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2014-05	L5/2.5L	PR Code: J0N		47 ^{55, 56, 58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2014-05	L5/2.5L	PR Code: J1D		48 ^{55, 56, 58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2014-05	L5/2.5L	PR Code: J1L		47 ^{55, 56, 58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2014-05	L5/2.5L	PR Code: J1P		140R ^{55, 56, 58}	360	-	-	MTP-H4	-	-	-
2006-05	L5/2.5L	PR Code: J0R		94R ^{55, 56, 58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2006-05	L4/1.9L	Dsl, PR Code: J1L		47 ^{55, 56, 58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2006-05	L4/1.9L	Dsl, PR Code: J1P		140R ^{55, 56, 58}	360	-	-	MTP-H4	-	-	-
2006-02	L4/2.0L	PR Code: J0R		94R ^{55, 56, 58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2006-02	L4/1.9L	Dsl, PR Code: J0N		47 ^{55, 56, 58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2006-02	L4/1.9L	Dsl, PR Code: J0R		94R ^{55, 56, 58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2006-02	L4/1.9L	Dsl, PR Code: J1D		48 ^{55, 56, 58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2005	L4/1.8L	PR Code: J1L		47 ^{55, 56, 58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2005	L4/1.8L	PR Code: J1P		140R ^{55, 56, 58}	360	-	-	MTP-H4	-	-	-
2005-02	L4/1.8L	PR Code: J0N		47 ^{55, 56, 58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2005-02	L4/1.8L	PR Code: J0R		94R ^{55, 56, 58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2005-02	L4/1.8L	PR Code: J1D		48 ^{55, 56, 58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2004-02	V6/2.8L	PR Code: J0N		47 ^{55, 56, 58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2004-02	V6/2.8L	PR Code: J0R		94R ^{55, 56, 58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2004-02	V6/2.8L	PR Code: J1D		48 ^{55, 56, 58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2001	V6/2.8L	Opt, Cold Climate		49 ^{50, 54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2001	V6/2.8L	Wagon		49	95 Ah	-	MTX-49/H8	MTP-49/H8	-	-	-
2001	V6/2.8L	Wagon, Opt		94R	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2001	L4/2.0L	Opt, Cold Climate		49 ^{50, 54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2001	L4/2.0L	Wagon		49	95 Ah	-	MTX-49/H8	MTP-49/H8	-	-	-
2001	L4/2.0L	Opt Incl Wagon		94R	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2001	L4/1.9L	Dsl, Opt, Cold Climate		49 ^{50, 54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2001	L4/1.8L	Opt, Cold Climate		49 ^{50, 54}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
2001	L4/1.8L	Wagon, Opt		94R	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2000	V6/2.8L	Opt		94R ^{50, 54}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2000	L4/2.0L	Opt		94R ^{50, 54}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2000	L4/1.8L	Opt		94R ^{50, 54}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
1999-98	V6/2.8L			47 ^{50, 54}	520	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
1999-98	V6/2.8L	Opt		48 ^{50, 54}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1999-98	V6/2.8L	Opt		94R ^{50, 54}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
1999-98	V6/2.8L			97R	575	-	-	-	-	-	MT-47/H5 ^{6, 10}
1999-98	L4/2.0L			47 ^{50, 54}	520	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
1999-98	L4/2.0L	Opt		48 ^{50, 54}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1999-98	L4/2.0L	Opt		94R ^{50, 54}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
1999-98	L4/2.0L			97R	575	-	-	-	-	-	MT-47/H5 ^{6, 10}
1999-98	L4/1.9L	Dsl		47 ^{50, 54}	520	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
1999-98	L4/1.9L	Dsl, Opt		48 ^{50, 54}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1999-98	L4/1.9L	Dsl, Opt		94R ^{50, 54}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
1999-98	L4/1.9L	Dsl		97R	575	-	-	-	-	-	MT-47/H5 ^{6, 10}

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Volkswagen • Jetta (continued)											
1996	V6/2.8L	Opt		41	575	-	-	-	MT-41	-	-
1996	L4/1.9L	Dsl		41 ⁵	575	-	-	-	MT-41	-	-
1996-94	V6/2.8L			41	575	-	-	-	MT-41	-	-
1994	V6/2.8L	Opt		41	575	-	-	-	MT-41	-	-
1992-90	L4/1.6L			41	650	-	-	-	MT-41	-	-
1992-90	L4/1.8L			41	500	-	-	-	MT-41	-	-
1992-90	L4/2.0L			41	500	-	-	-	MT-41	-	-
Volkswagen • Jetta City											
2009-07	L4/2.0L			47 ^{50,54}	540	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2009-07	L4/2.0L	Opt		48 ^{50,54}	570	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2009-07	L4/2.0L	Opt		94R ^{50,54}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Volkswagen • Passat											
2021-18	L4/2.0L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2021-18	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2021-18	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2021-18	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-16	V6/3.6L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-12	V6/3.6L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2018-12	V6/3.6L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2018-12	V6/3.6L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2017-16	L4/1.8L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2017-14	L4/1.8L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2017-14	L4/1.8L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2017-14	L4/1.8L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2015-12	L4/2.0L	Dsl, PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2015-12	L4/2.0L	Dsl, PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2015-12	L4/2.0L	Dsl, PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2014-12	L5/2.5L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2014-12	L5/2.5L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2014-12	L5/2.5L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2010	V6/3.6L	PR Code: J2D		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2010	V6/3.6L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2010	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2010	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2010	L4/2.0L	PR Code: J2D		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2010-09	V6/3.6L	Opt		N/A ^{45,50,55,56,58,59}	-	-	-	-	-	-	-
2010-09	V6/3.6L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2010-09	V6/3.6L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2010-09	V6/3.6L	PR Code: J1P		140R ^{50,55,56,58}	360	-	-	MTP-H4	-	-	-
2010-09	V6/3.6L	PR Code: J2S		140R ^{50,55,56,58}	480	-	-	MTP-H4	-	-	-
2010-09	L4/2.0L	Opt		N/A ^{45,50,55,56,58,59}	-	-	-	-	-	-	-
2010-09	L4/2.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2010-09	L4/2.0L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2010-09	L4/2.0L	PR Code: J1P		140R ^{50,55,56,58}	360	-	-	MTP-H4	-	-	-
2010-09	L4/2.0L	PR Code: J2S		140R ^{50,55,56,58}	480	-	-	MTP-H4	-	-	-
2010-06	V6/3.6L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2010-06	V6/3.6L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2010-06	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2009	V6/3.6L	PR Code: J2D		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2009	V6/3.6L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009	L4/2.0L	PR Code: J1D		48 ^{55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2009	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2009	L4/2.0L	PR Code: J2D		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2008-06	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2007-06	V6/3.6L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2007-06	L4/2.0L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2005-04	L4/2.0L	Dsl, PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2005-04	L4/2.0L	Dsl, PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2005-04	L4/2.0L	Dsl, PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2005-04	L4/2.0L	Dsl, PR Code: J2T		94R ^{50,55,56,58}	760	-	MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-	-
2005-03	V6/2.8L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2005-03	V6/2.8L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2005-03	L4/1.8L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2005-03	L4/1.8L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2005-02	V6/2.8L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2005-02	V6/2.8L	PR Code: J2T		94R ^{50,55,56,58}	760	-	MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-	-
2005-02	L4/1.8L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2005-02	L4/1.8L	PR Code: J2T		94R ^{50,55,56,58}	760	-	MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-	-
2004-03	W8/4.0L	PR Code: JON		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2004-03	W8/4.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2004-02	W8/4.0L	PR Code: JOR		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2004-02	W8/4.0L	PR Code: J2T		94R ^{50,55,56,58}	760	-	MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-	-
2001	V6/2.8L	HD, PR Code: JOR		94R ^{50,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2001	V6/2.8L			48 ⁵⁴	540	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
2000	V6/2.8L			48 ⁵⁴	540	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Volkswagen • Passat (continued)											
1999-98	V6/2.8L			48 ⁵⁴	540	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1996	V6/2.8L	Opt		42	650	-	-	-	MT-42	-	-
1996	L4/1.9L	Dsl		41 ⁶	650	-	-	-	MT-41	-	-
1996-95	L4/2.0L	Opt		41	650	-	-	-	MT-41	-	-
1993	L4/1.8L			41	475	-	-	-	MT-41	-	-
1992-91	L4/1.8L			42	460	-	-	-	MT-42	-	-
Volkswagen • Passat CC											
2010-09	V6/3.6L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2010-09	V6/3.6L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2010-09	V6/3.6L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2010-09	V6/3.6L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2010-09	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2010-09	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2010-09	L4/2.0L	PR Code: J1U		49 ^{50,55,56,58}	760	-	MTX-49/H8	MTP-49/H8 ⁴⁸	-	-	-
2010-09	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
Volkswagen • Phaeton											
2006-04	W12/6.0L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2006-04	W12/6.0L	PR Code: J0N	○	47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2006-04	V8/4.2L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2006-04	V8/4.2L	PR Code: J0N	○	47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
Volkswagen • R32											
2008	V6/3.2L			94R ⁵⁴	640	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Volkswagen • Rabbit											
2009-08	L5/2.5L	PR Code: J0R		94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2009-06	L5/2.5L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2008-06	L5/2.5L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
Volkswagen • Routan											
2014-11	V6/3.6L			94R ⁵⁴	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2014-11	V6/3.6L	Opt		N/A ^{45,54}	600	-	-	-	-	-	-
2010-09	V6/4.0L			94R ⁵⁴	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010-09	V6/4.0L	Opt		N/A ^{45,54}	600	-	-	-	-	-	-
2010-09	V6/3.8L			94R ⁵⁴	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010-09	V6/3.8L	Opt		N/A ^{45,54}	600	-	-	-	-	-	-
Volkswagen • Tiguan											
2020-17	L4/2.0L	PR Code: J1L		47 ^{50,55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2020-17	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2020-17	L4/2.0L	PR Code: J1P		140R ^{50,55,56,58}	360	-	-	MTP-H4	-	-	-
2020-12	L4/2.0L	PR Code: J0S		47 ^{50,55,56,58,59}	540	-	-	-	-	-	-
2020-12	L4/2.0L	PR Code: J0V		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2020-09	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2020-09	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2020-09	L4/2.0L	PR Code: J2S		140R ^{50,55,56,58}	480	-	-	MTP-H4	-	-	-
2018-12	L4/2.0L	PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2018-09	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2011-09	L4/2.0L	PR Code: J1P		140R ^{50,55,56,58}	360	-	-	MTP-H4	-	-	-
Volkswagen • Tiguan Limited											
2018-17	L4/2.0L	PR Code: J0N		47 ^{50,55,56,58}	540	-	MTX-47/H5 ⁴⁸	-	MT-47/H5 ⁴⁸	M-47/H5 ⁴⁸	-
2018-17	L4/2.0L	PR Code: J0S		47 ^{50,55,56,58,59}	540	-	-	-	-	-	-
2018-17	L4/2.0L	PR Code: J0T		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2018-17	L4/2.0L	PR Code: J0V		48 ^{50,55,56,58,59}	680	-	-	-	-	-	-
2018-17	L4/2.0L	PR Code: J1D		48 ^{50,55,56,58}	640	MTZ-48/H6 ⁴⁸	MTX-48/H6 ⁴⁸	MTP-48/H6 ⁴⁸	-	-	-
2018-17	L4/2.0L	PR Code: J1L		47 ^{50,55,56,58}	480	-	MTX-47/H5	-	MT-47/H5 ⁴⁸	-	-
2018-17	L4/2.0L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2018-17	L4/2.0L	PR Code: J1P		140R ^{50,55,56,58}	360	-	-	MTP-H4	-	-	-
2018-17	L4/2.0L	PR Code: J2D	●	48 ^{33,50,55,56,58}	680	MTZ-48/H6	MTX-48/H6	-	-	-	-
2018-17	L4/2.0L	PR Code: J2S		140R ^{50,55,56,58}	480	-	-	MTP-H4	-	-	-
Volkswagen • Touareg											
2017-11	V6/3.6L	PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2017-11	V6/3.6L	PR Code: J0R	○	94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2017-11	V6/3.6L	PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2017-07	V6/3.6L	PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2017-07	V6/3.6L	PR Code: J0Z	●	95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2017-07	V6/3.6L	PR Code: J2T	○	94R ^{50,55,56,58}	760	-	MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-	-
2016-11	V6/3.0L	Dsl, PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2016-11	V6/3.0L	Dsl, PR Code: J0R	○	94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2016-11	V6/3.0L	Dsl, PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-	MTX-94R/H7	-	-	-	-
2016-09	V6/3.0L	Dsl, PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2016-09	V6/3.0L	Dsl, PR Code: J0Z	○	95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-
2016-09	V6/3.0L	Dsl, PR Code: J2T	○	94R ^{50,55,56,58}	760	-	MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-	-
2015-11	V6/3.0L	Hybrid, PR Code: J0B	●	49 ^{33,50,55,56,58}	850	-	MTX-49/H8	-	-	-	-
2015-11	V6/3.0L	Hybrid, PR Code: J0P	●	95R ^{33,50,55,56,58}	950	-	MTX-95R/H9	-	-	-	-
2015-11	V6/3.0L	Hybrid, PR Code: J0R	○	94R ^{50,55,56,58}	640	-	MTX-94R/H7	MTP-94R/H7	-	-	-
2015-11	V6/3.0L	Hybrid, PR Code: J0Z	○	95R ^{50,55,56,58}	850	-	MTX-95R/H9	MTP-95R/H9	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Volkswagen • Touareg (continued)											
2015-11	V6/3.0L	Hybrid, PR Code: J1N	●	94R ^{33,50,55,56,58}	800	-		MTX-94R/H7	-	-	-
2015-11	V6/3.0L	Hybrid, PR Code: J2T	●	94R ^{50,55,56,58}	760	-		MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-
2010-09	V6/3.0L	Dsl, PR Code: J1U	○	49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2010-07	V6/3.6L	PR Code: J1U	○	49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2009-07	V8/4.2L	PR Code: J2T	○	94R ^{50,55,56,58}	760	-		MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-
2009-04	V8/4.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-		MTX-49/H8	-	-	-
2009-04	V8/4.2L	PR Code: JOZ	○	95R ^{50,55,56,58}	850	-		MTX-95R/H9	MTP-95R/H9	-	-
2009-04	V8/4.2L	PR Code: J1U	○	49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2008-07	V10/5.0L	Dsl, PR Code: J2T	○	94R ^{50,55,56,58}	760	-		MTX-94R/H7 ⁴⁸	MTP-94R/H7 ⁴⁸	-	-
2008-05	V10/5.0L	Dsl, PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-		MTX-49/H8	-	-	-
2008-05	V10/5.0L	Dsl, PR Code: JOZ	○	95R ^{50,55,56,58}	850	-		MTX-95R/H9	MTP-95R/H9	-	-
2008-05	V10/5.0L	Dsl, PR Code: J1U	○	49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2006-04	V6/3.2L	PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-		MTX-49/H8	-	-	-
2006-04	V6/3.2L	PR Code: JOZ	○	95R ^{50,55,56,58}	850	-		MTX-95R/H9	MTP-95R/H9	-	-
2006-04	V6/3.2L	PR Code: J1U	○	49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
2004	V10/4.9L	Dsl, PR Code: JOB	●	49 ^{33,50,55,56,58}	850	-		MTX-49/H8	-	-	-
2004	V10/4.9L	Dsl, PR Code: JOZ	○	95R ^{50,55,56,58}	850	-		MTX-95R/H9	MTP-95R/H9	-	-
2004	V10/4.9L	Dsl, PR Code: J1U	○	49 ^{50,55,56,58}	760	-		MTX-49/H8	MTP-49/H8 ⁴⁸	-	-
Volkswagen • Vanagon											
1991-90	H4/2.1L			41	500	-	-	-	-	MT-41	-
Volvo • 240											
1992-91	L4/2.3L	Opt		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1992-91	L4/2.3L			47	500	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Volvo • 740											
1992-91	L4/2.3L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1992-91	L4/2.3L	Opt		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1990	L4/2.3L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1990	L4/2.3L	Opt		48	500	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1990	L4/2.3L	Opt		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Volvo • 760											
1990	V6/2.8L			47	450	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1990	V6/2.8L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1990	V6/2.8L	Opt		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1990	L4/2.3L			47	450	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1990	L4/2.3L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1990	L4/2.3L	Opt		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Volvo • 780											
1991	L4/2.3L	Opt		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1990	V6/2.8L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1990	V6/2.8L			48	500	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1990	V6/2.8L	Opt		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1991-90	L4/2.3L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1990	L4/2.3L			48	500	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
1990	L4/2.3L	Opt		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Volvo • 850											
1997-94	L5/2.3L	4		47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1997-94	L5/2.4L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
Volvo • 940											
1995-91				47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
1992-91	L4/2.3L	Opt		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	-	-
Volvo • C30											
2013-07	L5/2.5L			91 ⁵⁰	590	-	-	-	MT-91/T6	-	-
2013-07	L5/2.5L	Opt		94R ⁵⁰	700	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2010-07	L5/2.4L			91 ⁵⁰	590	-	-	-	MT-91/T6	-	-
2010-07	L5/2.4L	Opt		94R ⁵⁰	700	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
Volvo • C70											
2013-06	L5/2.5L			91 ⁵⁰	590	-	-	-	MT-91/T6	-	-
2013-06	L5/2.5L	Opt		94R ⁵⁰	700	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2004-03	L5/2.4L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2004-03	L5/2.3L	Turbo		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2002	L5/2.4L	Turbo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2002	L5/2.3L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
Volvo • S40											
2011	L5/2.5L	w/o Premium Stereo		91 ⁵⁰	590	-	-	-	MT-91/T6	-	-
2011-05	L5/2.5L	w/Premium Stereo	○	94R ⁵⁰	700	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2010-05	L5/2.5L			91 ⁵⁰	590	-	-	-	MT-91/T6	-	-
2010-05	L5/2.4L			91 ⁵⁰	590	-	-	-	MT-91/T6	-	-
2010-05	L5/2.4L	w/Premium Stereo	○	94R ⁵⁰	700	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2004	L5/2.5L	Early		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2004	L5/2.5L	Late		91 ⁵⁰	590	-	-	-	MT-91/T6	-	-
2004	L5/2.5L	Late, w/Premium Stereo	○	94R ⁵⁰	700	-		MTX-94R/H7	MTP-94R/H7	-	M-94R/H7
2004	L5/2.4L	Early		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ○ Potential High-Accessory Load Vehicle such as European import, domestic Luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Volvo • S40 (continued)											
2004	L5/2.4L	Late		91 ⁵⁰	590	-	-	-	MT-91/T6	-	-
2004	L5/2.4L	Late, w/Premium Stereo	●	94R ⁵⁰	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2004	L4/1.9L	Early		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2004	L4/1.9L	Late		91 ⁵⁰	590	-	-	-	MT-91/T6	-	-
2004	L4/1.9L	Late, w/Premium Stereo	●	94R ⁵⁰	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2003-02	L4/1.9L			48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
Volvo • S60											
2016	L5/2.5L	Inscription	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2016	L4/2.0L	Start-Stop or Inscription	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2016-15	L6/3.0L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016-15	L5/2.5L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016-15	L4/2.0L	Opt, Start-Stop	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016-12	L5/2.5L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016-12	L5/2.5L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2016-11	L6/3.0L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016-11	L6/3.0L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2015	L4/2.0L	Start-Stop	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2009-03	L5/2.5L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2009-03	L5/2.5L	Opt		49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2009-02	L5/2.4L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2009-02	L5/2.4L	Opt		49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2004-02	L5/2.3L	Turbo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2004-02	L5/2.3L	Turbo, Opt		49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Volvo • S60 Cross Country											
2017	L4/2.0L	Inscription	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2017	L4/2.0L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2017	L4/2.0L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2017	L4/2.0L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2016	L5/2.5L	Inscription	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2016	L5/2.5L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016	L5/2.5L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016	L5/2.5L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
Volvo • S70											
2000-98	L5/2.3L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2000-98	L5/2.3L	Opt		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2000-98	L5/2.4L			47	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2000-98	L5/2.4L	Opt		48	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
Volvo • S80											
2016-15	L4/2.0L	Opt, Start-Stop	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016-15	L4/2.0L	Start-Stop	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2015	L6/3.0L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2015-08	L6/3.0L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2015-08	L6/3.0L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2014-07	L6/3.2L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2014-07	L6/3.2L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2010	V8/4.4L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2010	V8/4.4L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2010-07	V8/4.4L	Opt		93 ⁵⁰	800	-	-	-	MT-93/T8	-	-
2009-07	V8/4.4L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2009-07	V8/4.4L	Opt		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2006-04	L5/2.5L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2006-04	L5/2.5L	Opt		49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2005-02	L6/2.9L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2005-02	L6/2.9L	Opt		49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2001-99	L6/2.8L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2001-99	L6/2.8L	HD/Electronic Upgrade		49 ⁵⁰	800	-	MTX-49/H8	MTP-49/H8 ⁴⁸	MT-49/H8	M-49/H8	-
Volvo • S90											
2017	L4/2.0L		●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2017	L4/2.0L	Aux for Start-Stop		N/A ⁴⁵	170	-	-	-	-	-	-
2017	L4/2.0L	Opt	●	49 ^{33,50}	850	-	-	-	-	-	-
Volvo • V40											
2004-02	L4/1.9L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
Volvo • V50											
2011-05	L5/2.5L	w/o Premium Stereo		91 ⁵⁰	590	-	-	-	MT-91/T6	-	-
2011-05	L5/2.5L	w/Premium Stereo		94R ⁵⁰	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
2010-05	L5/2.4L	w/o Premium Stereo		91 ⁵⁰	590	-	-	-	MT-91/T6	-	-
2010-05	L5/2.4L	w/Premium Stereo		94R ⁵⁰	700	-	MTX-94R/H7	MTP-94R/H7	-	M-94R/H7	-
Volvo • V60											
2016	L4/2.0L	Start-Stop or Inscription	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2016-15	L6/3.0L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016-15	L6/3.0L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016-15	L6/3.0L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2016-15	L4/2.0L	Opt, Start-Stop	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Volvo • V60 (continued)											
2015	L5/2.5L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2015	L5/2.5L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2015	L5/2.5L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2015	L4/2.0L	Start-Stop	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
Volvo • V60 Cross Country											
2016	L5/2.5L	Inscription	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2016-15	L5/2.5L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016-15	L5/2.5L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016-15	L5/2.5L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
Volvo • V70											
2010-08	L6/3.2L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2010-08	L6/3.2L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2007-03	L5/2.5L			47 ⁵⁰	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2007-03	L5/2.5L	Opt		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2007-03	L5/2.5L	Opt		49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2007-02	L5/2.4L			47 ⁵⁰	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2007-02	L5/2.4L	Opt		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2007-02	L5/2.4L	Opt		49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2004-02	L5/2.3L			47 ⁵⁰	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2004-02	L5/2.3L	Opt		49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2004-01	L5/2.3L	Opt		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
Volvo • XC60											
2016-15	L6/3.0L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016-15	L5/2.5L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016-15	L5/2.5L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016-15	L5/2.5L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2016-15	L4/2.0L	Opt, Start-Stop	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016-15	L4/2.0L	Start-Stop	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2016-10	L6/3.0L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016-10	L6/3.0L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2015	L6/3.2L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2015-10	L6/3.2L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2015-10	L6/3.2L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
Volvo • XC70											
2016	L5/2.5L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016	L5/2.5L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2016	L5/2.5L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2016-15	L4/2.0L	Opt, Start-Stop	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2016-15	L4/2.0L	Start-Stop	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2015	L6/3.2L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2015	L6/3.0L	Opt, w/Premium Stereo	●	48 ^{33,50}	760	-	MTX-48/H6	-	-	-	-
2015-09	L6/3.0L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2015-09	L6/3.0L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2015-08	L6/3.2L	w/o Premium Stereo		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2015-08	L6/3.2L	w/Premium Stereo		92 ⁵⁰	700	-	-	-	MT-92/T7	-	-
2007-03	L5/2.5L			47 ⁵⁰	520	-	MTX-47/H5	-	MT-47/H5	M-47/H5	-
2007-03	L5/2.5L	Opt		48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2007-03	L5/2.5L	Opt		49 ⁵⁰	800	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Volvo • XC90											
2016	L4/2.0L	Early	●	49 ^{33,50}	850	-	MTX-49/H8	-	-	-	-
2016	L4/2.0L	Late	●	94R ^{33,50}	800	-	MTX-94R/H7	-	-	-	-
2014-07	L6/3.2L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2014-07	L6/3.2L	Opt		49 ⁵⁰	760	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2011-05	V8/4.4L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2011-05	V8/4.4L	Opt		49 ⁵⁰	760	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2006-03	L5/2.5L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2006-03	L5/2.5L	Opt		49 ⁵⁰	760	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
2005-03	L6/2.9L			48 ⁵⁰	600	MTZ-48/H6	MTX-48/H6	MTP-48/H6	MT-48/H6	M-48/H6	-
2005-03	L6/2.9L	Opt		49 ⁵⁰	760	-	MTX-49/H8	-	MT-49/H8	M-49/H8	-
Workhorse • FasTrack FT1061											
2005-04	V8/4.8L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2004-02	V8/5.7L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
Workhorse • FasTrack FT1261											
2005	V8/4.8L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-04	L4/3.9L	Dsl		78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-02	V8/5.7L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
Workhorse • FasTrack FT1460											
2002	V8/5.7L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
Workhorse • FasTrack FT1461											
2005-04	V8/6.0L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-04	V8/4.8L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-04	L4/3.9L	Dsl		78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-02	V8/5.7L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

AUTOMOTIVE AND LIGHT TRUCK APPLICATIONS

Model/ Year	Engine	Options	Cycling	Group Size	Rating (CCA/AH)	Premium		Best	Better	Good	Other
						MTZ	MTX	MTP	MT	M	Alternate
Workhorse • FasTrack FT1601											
2005-04	V8/4.8L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-04	L4/3.9L	Dsl		78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-02	V8/5.7L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
Workhorse • FasTrack FT1801											
2005-04	V8/6.0L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2005-02	V8/6.5L	Dsl		78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2004-02	V8/5.7L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
Workhorse • FasTrack FT1802											
2003-02	V8/6.5L	Dsl		78 ²	600	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
2003-02	V8/5.7L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
Workhorse • FasTrack FT931											
2003-02	V6/4.3L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
Workhorse • P30											
2005-02	V8/5.7L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	M-78	MTP-78DT
Workhorse • FasTrack FT1260											
2001-00	V8/5.7L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
Workhorse • FasTrack FT1600											
2001-00	V8/5.7L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
Workhorse • FasTrack FT1800											
2001-00	V8/5.7L			78	690	MTZ-78	MTX-78	MTP-78	MT-78	-	MTP-78DT
Yugo • Cabrio											
1992	L4/1.3L			26 ⁴⁵	-	-	-	-	MT-26	-	-
1991-90	L4/1.3L			N/A	370	-	-	-	-	-	-
Yugo • GV											
1992	L4/1.3L			26 ⁴⁵	-	-	-	-	MT-26	-	-

● Vehicle with OE AGM or High-Accessory Loads. AGM battery recommended. ● Potential High-Accessory Load Vehicle such as European import, domestic luxury, SUV, crossover or minivan. For footnotes, see page 17.

LA SEGURIDAD PRIMERO

Advertencia de la Proposición 65

Los bornes, terminales y accesorios de batería relacionados contienen plomo y compuestos de plomo. El estado de California reconoce estos químicos como cancerígenos y causantes de daños reproductivos. Las baterías también contienen otros químicos que el estado de California reconoce como cancerígenos. Lávese las manos luego de manipular.

Prácticas de Seguridad al Trabajar con Baterías

- Siempre utilice protección adecuada para los ojos y las manos.
- Mantenga las chispas, llamas y cigarrillos lejos de la batería.
- Nunca se incline sobre la batería durante el proceso de chequeo y carga.
- Asegúrese de que el área de trabajo esté bien ventilado.
- No inhale el vapor ácido.
- Mantenga las tapas de ventilación en su lugar.



Procedimientos de Seguridad para la Instalación de Baterías

- Recomendado: Use un suministro de alimentación de respaldo de 12 voltios al reemplazar la batería para evitar la pérdida de memoria de la computadora. Al usar la batería de respaldo, tenga precaución y cubra el cable positivo para evitar una descarga a tierra y posibles daños a la computadora.
- Desconecte primero el cable negativo (-) y luego el cable positivo (+).
- Limpie los terminales de la batería nueva con un cepillo de metal. Limpie los extremos de los cables de la batería con un cepillo de metal y un limpiador de baterías o una mezcla de bicarbonato de sodio y agua. Limpie cualquier suciedad de la bandeja de la batería que pueda perforar la parte inferior de la nueva batería.
- Instale la nueva batería en la misma posición que la anterior. Si la batería vieja tiene un envoltorio o material de blindaje, colóquelo en la batería nueva. Si el envoltorio falta o está dañado, reemplácelo con uno nuevo.
- Asegure la batería en la bandeja con el conjunto de sujeción. Reemplace cualquier pieza dañada o faltante. Conecte el cable positivo (+) de la batería con el polo positivo (+) de la batería y ajústelo; conecte el cable negativo (-) de la batería con el polo negativo (-) de la batería y ajústelo. Vea las especificaciones de ajuste abajo.

Polos para automotores: De 50 a 70 libras-pulgadas.

Terminales laterales: De 70 a 90 libras-pulgadas.

Espárragos roscados de $\frac{5}{16}$ " : De 100 a 120 libras-pulgadas.

Espárragos roscados de $\frac{3}{8}$ " : De 120 a 180 libras-pulgadas.

Medidas de Seguridad para el Cargo de Baterías

- Nunca intente cargar una batería sin antes revisar las instrucciones incluidas con el cargador.
- Mantenga las tapas de ventilación en su lugar.
- Apague el cargador y el temporizador antes de colocar los conectores a la batería, a fin de evitar chispas peligrosas.
- Para evitar una explosión, nunca cargue una batería que tenga daños visibles o que esté congelada.
- Coloque las conexiones del cargador a la batería: conexión roja positiva (+) al borne positivo (+) y conexión negra negativa (-) al borne negativo (-). Si la batería está en el vehículo, conecte el cable de puesta a tierra (por lo general el negativo (-)) al bloque del motor, lejos de la batería, para que sirva como tierra.
- Compruebe que las conexiones estén firmes.
- Ajuste el temporizador, encienda el cargador y aumente lentamente el índice de carga. ** Los cargadores automáticos tienen una tasa de carga prefijada y es posible que no tengan un interruptor de configuración de la corriente de carga (amperaje). Consulte al fabricante del cargador o el manual de instrucciones antes de iniciar el proceso de carga. **
- Si la batería se calienta al tacto o si sale electrolito, detenga la carga y deje que la batería se enfríe antes de continuar.
- Apague el cargador antes de quitar los conectores de la batería, a fin de evitar chispas peligrosas.

Peligro de Baterías Explosivas

Las baterías contienen ácido sulfúrico y pueden generar mezclas explosivas de hidrógeno. Las áreas de almacenamiento o de trabajo deben estar bien ventiladas y sin fuentes de ignición. Use siempre equipos de protección personal adecuados. Quite los tapones solo para verificar o agregar agua, y nunca cargue una batería que esté congelada.

Peligro del Ácido de las Baterías

Tenga mucho cuidado al manejar el electrólito, que es una solución de ácido sulfúrico y agua que puede dañar la ropa y la piel. Mantenga a mano una solución neutralizadora de ácidos, como bicarbonato de sodio.

- Utilice la protección adecuada en ojos, rostro y manos.
- Si salpica electrólito a un ojo, abra el ojo a la fuerza y enjuáguelo con agua limpia y fría por lo menos durante 15 minutos. Obtenga atención médica de inmediato.
- En caso de ingestión de electrólito, beba cantidades abundantes de agua o leche. NO induzca el vómito. Llame a un médico.
- Neutralice los derrames de electrólito con bicarbonato de sodio. Después de neutralizar, enjuague el vehículo o el área con agua.
- ¡Mezclar ácidos puede ser muy peligroso! No lo haga si no tiene el entrenamiento apropiado.

MANTENIMIENTO DE LA BATERÍA

¿Las baterías Interstate son libres de mantenimiento?

La línea de baterías húmedas convencionales para automóviles y comerciales de servicio pesado de Interstate son libres de mantenimiento en condiciones de funcionamiento normales.

¿Qué significa la frase "libres de mantenimiento" en las baterías húmedas convencionales?

Libre de mantenimiento significa que si la batería se usa en operaciones normales, no perderá una cantidad de agua excesiva; en definitiva, la batería tendrá electrolito para toda su vida útil. En términos técnicos, la batería tiene una baja evolución de gas. Por eso algunas baterías no tienen ni necesitan tapones extraíbles. Las que tienen tapones extraíbles también son libres de mantenimiento, pero puede realizarse si fuera necesario.

¿Debo hacerle algo a mi batería si es libre de mantenimiento?

Sí, no deberá agregarle agua, pero la caja, los terminales, los cables y los accesorios de sujeción de la batería se deberán limpiar periódicamente y ajustar adecuadamente. Si ve que la caja de la batería está agrietada y con filtraciones, reemplace la batería. Puede usar un cepillo de alambre y un limpiador de baterías, o bicarbonato de sodio y agua para neutralizar el ácido y limpiar la corrosión. No permita que la solución de limpieza ingrese a las celdas de la batería. Se puede usar un aerosol sellador de terminales de batería o grasa para temperaturas elevadas para evitar la corrosión en los terminales de la batería. Otro factor importante en el mantenimiento de la batería es la carga. Más información a continuación.

¿Qué condiciones hacen que una batería pierda más agua de lo normal?

Varios factores pueden hacer que una batería pierda agua más rápido de lo normal.

Temperaturas elevadas. Si vive en un clima cálido y la batería se encuentra en el compartimiento del motor, la batería sufrirá temperaturas muy elevadas que provocarán la pérdida de agua mucho más rápido. Por eso es importante reutilizar o reemplazar cualquier blindaje térmico instalado de fábrica para la batería.

Descargas profundas. La descarga profunda de una batería junto con la recarga harán que la batería pierda agua a un ritmo mayor.

Descargas y recargas frecuentes. Las descargas más frecuentes harán que se acelere la pérdida de agua.

Sobrecarga. Una batería que se sobrecarga de manera constante sufrirá una pérdida de agua acelerada.

Mantener la batería totalmente cargada es muy importante para la vida útil de la batería, por lo que elegir el cargador correcto minimizará la pérdida de agua y el daño por sobrecargas y cargas insuficientes.

Si necesito agregar agua, ¿qué tipo de agua uso y cuánta?

Es mejor agregar agua destilada porque no contiene minerales. Los minerales disueltos en el agua pueden hacer que la batería se degrade más rápido con el tiempo. Nunca agregue ácido, electrolito ni otras sustancias químicas, ya que esto anulará la garantía. El nivel de llenado máximo está a $\frac{1}{8}$ " por debajo de la parte inferior del respiradero. El nivel de electrolito mínimo está a 2" por encima de las placas. Si el nivel de agua está muy bajo y se necesita cargar la batería, agregue agua hasta la mitad entre el nivel de llenado mínimo y máximo, y luego cargue la batería. Después de cargar, vuelva a verificar el nivel del electrolito y agregue agua según sea necesario. El nivel del electrolito aumentará a medida que la batería se caliente.

Si llena de más la batería hará que el electrolito se filtre por la ventilación y provocará corrosión en los terminales de la batería y los componentes circundantes.

¿Existen baterías que no sean libres de mantenimiento?

Sí, cualquier batería húmeda de ciclo profundo, de uso marino o para vehículos recreativos, de propósito doble o para carros de golf. Verifique y agregue agua destilada, de ser necesario. El nivel de electrolito mínimo está a $\frac{1}{2}$ " por encima de las placas y el máximo está de $\frac{1}{8}$ " a $\frac{1}{4}$ " por debajo de la parte inferior de los respiraderos. Verifique los niveles del electrolito cada dos o tres meses, o según sea necesario. Cuanto mayor sea la frecuencia de uso de la batería, más rápido caerán los niveles del electrolito.

¿Qué sucede si a una batería le queda poca agua?

Si el nivel de electrolito cae a la parte superior de las placas o por debajo, la batería fallará rápidamente y puede producirse una grave sulfatación, y en raros casos, puede explotar. Si una batería funciona con bajo nivel de agua, aumentará la concentración de ácido, lo que provocará una corrosión más rápida de la rejilla y la batería funcionará a mayor temperatura. El ácido en la parte superior de las placas se secará y formará cristales de sulfatación, lo que podría provocar un cortocircuito en esa celda.

MANTENIMIENTO DE LA BATERÍA (CONTINUACIÓN)

¿Qué sucede con las baterías de tejido de fibra de vidrio absorbente (AGM)?

Las baterías AGM son de libre mantenimiento por su propia naturaleza. La gasificación se combina dentro de la batería, por lo que no hay pérdida de agua en condiciones de funcionamiento normales. Si una batería se somete a una sobrecarga, ventilará esos gases, se secará y provocará que la batería falle de manera prematura. Como todas las baterías, las AGM deberán tener la caja, los terminales, los cables y los accesorios de sujeción limpios y se deberán apretar periódicamente.

¿Por qué es importante cargar la batería y qué es la sulfatación?

Las baterías de plomo ácido, como las húmedas convencionales, las de tipo AGM o las selladas de gel, deben mantenerse en un estado de carga del 100 % para que se mantengan en buenas condiciones y listas para usar. Si no se carga una batería por completo después de usarla o si queda descargada, se sulfatará. La sulfatación ocurre cuando el ácido sulfúrico del electrolito ingresa a las placas durante la descarga y se convierte en cristales porque la batería se mantuvo descargada. La condición puede ser difícil o imposible de revertir. Una batería sulfatada tendrá una capacidad reducida y un bajo rendimiento. Para evitar esta condición, cargue la batería después de usarla. Las baterías almacenadas deben cargarse cada 2 o 3 meses o se pueden mantener con carga de flote con un cargador inteligente multietapa.

¿Cómo reviso el estado de carga de mi batería?

Puede usar un voltímetro para medir el voltaje de circuito abierto (OCV) o un densímetro para medir la gravedad específica (SG) del electrolito si la batería tiene tapones extraíbles. Al medir el OCV, la batería debe haber estado en reposo por 24 horas antes de medir el voltaje para permitir que la carga superficial se disipe. Puede acelerar el proceso de quitar la carga superficial descargando la batería con 15 a 30 amperios por 30 segundos y luego deje que la batería descanse por 5 a 10 minutos para estabilizar el voltaje. Si hace esto, hará que la medición del OCV sea mucho más precisa. La SG es el método preferido para las baterías convencionales. Consulte el Paso 2 en la Verificación de batería en 4 pasos para baterías húmedas o de tipo AGM.

¿Cómo cargo mi batería?

Para que una batería esté bien cargada, deben darse tres condiciones básicas: voltaje de carga adecuado, cantidad adecuada de amperaje y tiempo suficiente para realizar el trabajo. El voltaje adecuado está determinado por la química de la batería (húmeda, AGM o sellada de gel). El fabricante de la batería especificará cuál debería ser la carga adecuada y los voltajes de flote. El amperaje adecuado estará determinado por la capacidad nominal en amperios-hora (Ah) de la batería. El 10 % de la capacidad nominal es el amperaje de una carga normal, mientras que el 15 % corresponde a una carga rápida. Si no se conoce la capacidad nominal de la batería, puede tomar la capacidad de reserva (RC) a 25 amperios y multiplicarla por 0,6 para obtener un valor aproximado de Ah a la tasa de 20 horas. Las baterías pequeñas para automóviles generalmente entran dentro del rango de 5 a 10 amperios, mientras que las baterías más grandes están en el rango de 10 a 15 amperios. Por último está el tiempo; si utiliza un cargador automático, entrará al estado de flote automáticamente al finalizar la carga. Si usa un cargador manual, deberá revisar la batería para ver cuando esté totalmente cargada.

Para una lista completa y actualizada de aplicaciones, incluyendo las aplicaciones para automóviles vintage, visite
<https://www.interstatebatteries.com/battery-finder>

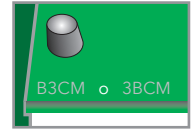
Valoramos sus comentarios. Si tiene alguna sugerencia acerca de esta guía, por favor envíela a applicationguide@ibsa.com.

REVISIÓN DE BATERÍA EN 4 PASOS | BATERÍAS DE PLOMO ÁCIDO

Atención: La revisión de la batería es el primer paso en el diagnóstico del sistema eléctrico. Dado que una batería descargada puede ser un síntoma de un problema subyacente, revise también el sistema eléctrico del vehículo. Asegúrese de que todas las herramientas y probadores estén calibrados y den lecturas precisas.

PASO 1: Inspección Visual

1. Revise la caja exterior y reemplace la batería si tiene daños.
2. Verifique si hay corrosión en los terminales. Si está presente, límpiela.
3. Revise el nivel de electrolito y si es necesario llene hasta cubrir ½" por encima de las placas.
4. Lea el código de fecha en la caja exterior (los dos primeros dígitos) o la calcomanía para determinar la edad (mes y año) de la batería.



Febrero del 2013



MES	A	B	C	D	E	F	G	H	I	J	K	L
	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
AÑO	1	2	3	4	5	6	7	8	9	0	1	2
	11	12	13	14	15	16	17	18	19	20	21	22

PASO 2: Estado de Carga

1. Si la batería tiene tapas de ventilación removibles, revise el estado de la carga con un hidrómetro. Si está sellada, revísela con un voltímetro.
2. Si el estado de la carga es por lo menos 75%, y/o la gravedad específica varía menos de 50 puntos entre celdas, continúe con el paso 3 (prueba de carga). Si hay más de 50 puntos de diferencia entre celdas, reemplace la batería.
3. Si el estado de la carga es menor que el 75%, cargue la batería.
4. Remueva la carga superficial de la batería, si ha sido cargada (cargador o alternador) inmediatamente antes de la prueba. Para quitar la carga superficial, aplique un descargo de 150 amperios durante 10 a 15 segundos o permita que la batería repose durante dos a tres horas.

Hidrómetro

Gravedad Específica = Estado de carga

1.285 = 100%
1.255 = 75%
1.225 = 50%
1.185 = 25%
1.140 = 0%

Vuelva a recargar si una o más celdas están por debajo del 75%

Voltímetro

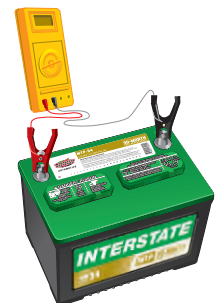
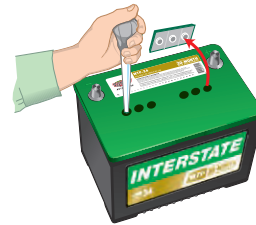
Voltios = Estado de carga

12.77 = 100%
12.61 = 75%
12.44 = 50%
12.22 = 25%
12.00 = 0%

Recargar si está por debajo del 75%

PASO 3: Prueba de Carga

1. Aplique ½ de la clasificación CCA de la batería durante 15 segundos.
2. Si no está visible la clasificación CCA en la batería, consulte la especificación OE CCA en la sección *Aplicaciones Automotrices y Camiones Livianos* de esta guía.
3. Compare los resultados con los resultados del voltaje nominal en la tabla de Voltaje Mínimo Contra la Temperatura mostrados en la siguiente tabla.
4. Las baterías con resultados de voltaje por debajo del mínimo no pasan la prueba de carga. Si la batería no supera la prueba de carga, continúe con el Paso 4.



Voltaje mínimo versus la temperatura de la batería

TEMP. DE LA BATERÍA	F	100°	90°	80°	70°	60°	50°	40°	30°	20°	10°	0°
	C	38°	32°	27°	21°	16°	10°	4°	-1°	-7°	-12°	-18°
VOLTIOS MÍNIMOS		9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.1	8.9	8.7	8.5

PASO 4: Recuperación del Voltaje (aplica a la prueba de carga solamente)

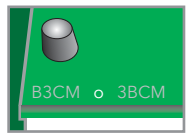
1. Siga observando la recuperación del voltaje después de eliminar la carga.
2. Si la batería no se recupera hasta 12,61V (75% de carga) en el plazo de un minuto, recárguela y repita la prueba.
3. Si el voltaje de la batería, vuelve a 75% del estado de carga o más, reemplace la batería.

REVISIÓN DE BATERÍA EN 4 PASOS | BATERÍAS AGM

Atención: La revisión de la batería es el primer paso en el diagnóstico del sistema eléctrico. Dado que una batería descargada puede ser un síntoma de un problema subyacente, revise también el sistema eléctrico del vehículo. Asegúrese de que todas las herramientas y probadores estén calibrados y den lecturas precisas.

PASO 1: Inspección Visual

1. Revise y reemplace las baterías con daños físicos en las terminales, cubierta, etc.
2. Lea el código de fecha en la cubierta (dos primeros caracteres) o la etiqueta para determinar la edad (mes y año) de la batería.



Febrero del 2013



El ejemplo que se muestra es de una batería MTZ AGM. Otras impresiones de fecha de las baterías AGM pueden variar.

MES	A	B	C	D	E	F	G	H	I	J	K	L
	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
AÑO	1	2	3	4	5	6	7	8	9	0	1	2
	11	12	13	14	15	16	17	18	19	20	21	22

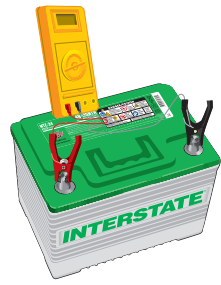
PASO 2: Estado de Carga

1. Recargue si el voltaje de la batería a circuito abierto (OCV) es inferior a 12,64V (aproximadamente el 75 % de la carga). Si el voltaje es de aproximadamente 10,5V, es posible que la batería esté demasiado descargada o tiene una celda en cortocircuito. Cargue la batería con precaución y vigílela cuidadosamente para detectar signos de sobrecalentamiento. Cargue la batería con un cargador de baterías de tipo paralelo o individual para baterías AGM o selladas.
2. Remueva la carga de superficial de la batería si la batería se ha cargado inmediatamente antes de la prueba, (aplique una carga de 150 amperios durante 15 segundos).
3. Si la batería se encuentra en o por encima de su valor OCV mínimo, proceda al Paso 3.

Voltímetro	
Voltios = Estado de carga	
12.88 =	100%
12.64 =	75%
12.39 =	50%
12.09 =	25%
11.80 =	0%
Recargar si está por debajo del 75%	

PASO 3: Prueba de Carga

1. Aplique ½ de la carga CCA nominal, utilizando un probador de carga variable de pila de carbono, durante 15 segundos.
2. Si no tiene acceso al valor OE CCA nominal, refiérase al "OE CA" en la sección de *Aplicaciones Automotrices y Camiones Livianos* de esta guía y cargue la batería usando ½ carga de la especificación OE.
3. Compare los resultados con los resultados del voltaje nominal en la tabla de Voltaje Mínimo Contra la Temperatura mostrados en la siguiente tabla.
4. Las baterías con resultados de voltaje por debajo del mínimo no pasan la prueba de carga. Si la batería no supera la prueba de carga, continúe con el Paso 4.



Voltaje mínimo versus la temperatura de la batería

TEMP. DE LA BATERÍA	F	100°	90°	80°	70°	60°	50°	40°	30°	20°	10°	0°
	C	38°	32°	27°	21°	16°	10°	4°	-1°	-7°	-12°	-18°
VOLTIOS MÍNIMOS		9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.1	8.9	8.7	8.5

PASO 4: Recuperación del Voltaje (aplica a la prueba de carga solamente)

1. Continúe observando la recuperación después de eliminar la carga.
2. Si la batería no se recupera hasta 12,64V (75% de carga) en el plazo de un minuto, recárguela y repita la prueba.
3. Si el voltaje de la batería se recupera hasta o arriba de 12,65V, debe reemplazar la batería.

ESPECIFICACIONES PARA APLICACIONES AUTOMOTRICES • 12-VOLTIOS

Grupo	Bornes Figuras BCI	Número de Parte	Capacidad	Garantía Meses Gratis Total de Años	Dimensiones (pulgadas)	Peso (libras)	Notas	Sustituciones del Grupo*
24		MTP-24	CCA 750 CA 940 RC 130	30 meses 6 años	L 11 A 6 7/8 AL 8 3/4	44	Manija	78DT ^{18,6} 75DT ^{18,6} 34 ¹⁸ 25 ⁶ 26 ¹⁰
		MT-24	CCA 600 CA 750 RC 110	24 meses 5 años	L 10 1/4 A 6 7/8 AL 8 3/4	39	Tapa plana	
		M-24HC	CCA 700 CA 875 RC 130	18 months	L 10 1/4 A 6 7/8 AL 8 3/4	42		
		M-24	CCA 530 CA 660 RC 95	18 meses	L 10 1/4 A 6 13/16 AL 8 5/8	39		
		C24-XHD	CCA 575 CA 720 RC 130	18 meses	L 10 1/4 A 6 13/16 AL 8 3/8	41		
24F		MTX-24F	CCA 710 CA 885 RC 120	36 meses	L 10 15/16 A 6 13/16 AL 9	45	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente	75DT ^{18,6} 78DT ^{18,6} 35 ⁶ 34R ¹⁸ 26R ¹⁰
		MTP-24F	CCA 750 CA 940 RC 130	30 meses 6 años	L 11 A 6 7/8 AL 8 3/4	44	Manija	
		MT-24F	CCA 600 CA 750 RC 110	24 meses 5 años	L 10 1/4 A 6 7/8 AL 8 3/4	39	Tapa plana	
		M-24FHC	CCA 700 CA 875 RC 130	18 months	L 11 A 6 7/8 AL 8 3/4	42		
		M-24F	CCA 530 CA 660 RC 95	18 meses	L 10 3/4 A 6 13/16 AL 9	39		
25		MT-25	CCA 550 CA 690 RC 100	24 meses 5 años	L 9 A 6 7/8 AL 8 3/4	36		75DT ^{18,6} 78DT ^{18,6} 34 ^{18,6} 24 ⁶ 26 ¹⁰
		M-25	CCA 550 CA 68 RC 100	18 meses	L 9 A 6 7/8 AL 8 3/4	36		
26		MT-26	CCA 525 CA 655 RC 85	24 meses 5 años	L 8 A 6 3/4 AL 7 3/4	29		75DT ⁶
		M-26	CCA 500 CA 625 RC 85	18 meses	L 8 3/16 A 6 13/16 AL 7 13/16	28		
26R		MT-26R	CCA 550 CA 675 RC 90	24 meses 5 años	L 8 1/4 A 6 3/4 AL 7 3/4	28		75DT ⁶
		M-26R	CCA 450 CA 560 RC 85	18 meses	L 8 3/16 A 6 13/16 AL 7 3/4	29		
27		MT-27	CCA 810 CA 1000 RC 140	24 meses 5 años	L 12 A 6 3/4 AL 8 7/8	49		78DT ^{18,6} 34 ^{18,6} 24 ⁶
		M-27	CCA 700 CA 875 RC 135	18 meses	L 12 A 6 13/16 AL 8 7/8	49		

BORNE: = Tipo A (automotriz) Diagramas cortesía de Battery Council International (BCI)

GARANTÍA: Consulte la página 161-162 para los detalles.

CAPACIDADES NOMINALES: CCA (Cold Cranking Amps) Amperios de arranque en frío – potencia de arranque durante 30 segundos a 0° F (-17.7° C).

CA (Cranking Amps) Amperios de arranque – potencia de arranque durante 30 segundos a 32° F (0° C). Lectura estimada.

RC (Reserve Capacity) Capacidad de reserva – minutos de salida de 25 amperios a 80° F (26.6° C).

L – Largo, A – Ancho, AL – Alto.

***SUSTITUCIONES:** Para las notas al pie, consulte la página 160. **Descargo de responsabilidad:** Los únicos reemplazos recomendados son las baterías indicadas en la sección de Aplicaciones de esta *Guía de Aplicación de la Batería*. Para las sustituciones, los instaladores deben verificar la adecuada capacidad de CCA y RC y deben utilizar el mejor juicio respecto al espacio libre debajo de del capó ó cofre, ajuste adecuado, longitud del cable, proximidad de las terminales con los componentes bajo el capó ó cofre y la polaridad. Interstate Batteries se desliga de cualquier responsabilidad por los daños y perjuicios a consecuencia de usar o por el mal uso de ésta información.

ESPECIFICACIONES PARA APLICACIONES AUTOMOTRICES • 12-VOLTIOS

Grupo	Bornes Figuras BCI	Número de Parte	Capacidad	Garantía Meses Gratis Total de Años	Dimensiones (pulgadas)	Peso (libras)	Notas	Sustituciones del Grupo*
27F		MTP-27F	CCA 710 CA 890 RC 165	30 meses 6 años	L 12 A 6 3/4 AL 8 7/8	49		24F ⁶ 34R ⁶
		M-27F	CCA 700 CA 875 RC 135	18 meses	L 12 A 6 13/16 AL 8 7/8	50		
34		MTZ-34	CCA 800 CA 1000 RC 125	48 meses	L 10 13/16 A 6 3/4 AL 7 3/4	47	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija Incluye el adaptador de altura ¹	78DT ⁶ 75DT ⁶
		MTX-34	CCA 740 CA 925 RC 115	36 meses	L 10 1/4 A 6 13/16 AL 7 3/4	39	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija	
		MTP-34	CCA 800 CA 1000 RC 110	30 meses 6 años	L 10 1/4 A 6 7/8 AL 7 3/4	38		
		MT-34	CCA 700 CA 875 RC 120	24 meses 5 años	L 10 1/4 A 6 7/8 AL 7 3/4	37		
		M-34HC	CCA 685 CA 855 RC 120	18 meses	L 10 1/4 A 6 13/16 AL 7 7/8	37		
		M-34	CCA 540 CA 675 RC 90	18 meses	L 10 1/4 A 6 13/16 AL 7 7/8	37		
34R		MTZ-34R	CCA 800 CA 1000 RC 125	48 meses	L 10 13/16 A 6 3/4 AL 7 3/4	47	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija Incluye el adaptador de altura ¹	78DT ⁶ 26R ⁶
35		MTX-35	CCA 650 CA 800 RC 100	36 meses	L 9 1/16 A 6 15/16 AL 8 7/8	42	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija	75DT ^{1C,6} 78DT ^{1B,6} 24F ⁶ 34R ^{1B,6}
		MTP-35	CCA 640 CA 800 RC 100	30 meses 6 años	L 9 A 6 7/8 AL 8 3/4	38		
		MT-35	CCA 550 CA 690 RC 100	24 meses 5 años	L 9 A 6 7/8 AL 8 3/4	36		
		M-35HC	CCA 540 CA 675 RC 100	18 meses	L 9 A 7 AL 8 7/8	35		
		M-35	CCA 450 CA 560 RC 80	18 meses	L 9 1/16 A 7 AL 8 7/8	34		
36R		MT-36R	CCA 650 CA 810 RC 130	24 meses 5 años	L 10 3/8 A 7 1/4 AL 8 7/8	40		34R ^{1A} 58R
40R		MT-40R	CCA 590 CA 740 RC 105	24 meses 5 años	L 10 1/16 A 6 7/8 AL 6 7/8	34		91 42

BORNE: = Tipo A (automotriz) Diagramas cortesía de Battery Council International (BCI)

GARANTÍA: Consulte la página 161-162 para los detalles.

CAPACIDADES NOMINALES: CCA (Cold Cranking Amps) Amperios de arranque en frío - potencia de arranque durante 30 segundos a 0° F (-17.7° C).

CA (Cranking Amps) Amperios de arranque - potencia de arranque durante 30 segundos a 32° F (0° C). Lectura estimada.

RC (Reserve Capacity) Capacidad de reserva - minutos de salida de 25 amperios a 80° F (26.6° C).

L - Largo, A - Ancho, AL - Alto.

***SUSTITUCIONES:** Para las notas al pie, consulte la página 160. **Descargo de responsabilidad:** Los únicos reemplazos recomendados son las baterías indicadas en la sección de Aplicaciones de esta *Guía de Aplicación de la Batería*. Para las sustituciones, los instaladores deben verificar la adecuada capacidad de CCA y RC y deben utilizar el mejor juicio respecto al espacio libre debajo de del capó ó cofre, ajuste adecuado, longitud del cable, proximidad de las terminales con los componentes bajo el capó ó cofre y la polaridad. Interstate Batteries se desliga de cualquier responsabilidad por los daños y perjuicios a consecuencia de usar o por el mal uso de ésta información.

ESPECIFICACIONES PARA APLICACIONES AUTOMOTRICES • 12-VOLTIOS

Grupo	Bornes Figuras BCI	Número de Parte	Capacidad	Garantía Meses Gratis Total de Años	Dimensiones (pulgadas)	Peso (libras)	Notas	Sustituciones del Grupo*
41		MT-41	CCA 650 CA 810 RC 110	24 meses 5 años	L 11 ½ A 6 7/8 AL 6 5/8	35		
42		MT-42	CCA 500 CA 625 RC 75	24 meses 5 años	L 9 5/8 A 7 AL 6 3/4	28		91 42
50		C50-XHD	CCA 600 CA 750 RC 108	18 meses	L 13 ¼ A 5 AL 8 ¾	44		
51		MT-51	CCA 500 CA 625 RC 85	24 meses 5 años	L 9 3/8 A 5 1/8 AL 8 7/8	28		45
		M-51	CCA 425 CA 530 RC 75	18 meses	L 9 3/8 A 5 1/8 AL 8 7/8	27		
51R		MT-51R	CCA 500 CA 625 RC 85	24 meses 5 años	L 9 3/8 A 5 1/8 AL 8 7/8	28		
		M-51R	CCA 425 CA 530 RC 75	18 meses	L 9 3/8 A 5 1/8 AL 8 3/4	27		
56		MT-56	CCA 590 CA 740 RC 95	24 meses 5 años	L 10 A 6 AL 8 ¼	34	Incluye el adaptador de altura ¹⁰	
58		MT-58	CCA 540 CA 675 RC 80	24 meses 5 años	L 9 1/2 A 7 1/4 AL 6 7/8	28		
		M-58HC	CCA 550 CA 685 RC 80	18 meses	L 9 1/2 A 7 1/4 AL 6 7/8	28		
		M-58	CCA 460 CA 575 RC 60	18 meses	L 10 1/16 A 7 3/16 AL 7	28		
59		MT-59	CCA 590 CA 740 RC 100	24 meses 5 años	L 10 1/16 A 7 5/8 AL 7 3/4	32		65 58

BORNE: = Tipo A (automotriz) Diagramas cortesía de Battery Council International (BCI)

GARANTÍA: Consulte la página 161-162 para los detalles.

CAPACIDADES NOMINALES: CCA (Cold Cranking Amps) Amperios de arranque en frío – potencia de arranque durante 30 segundos a 0° F (-17.7° C).

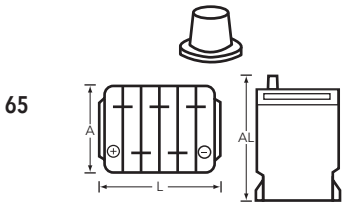
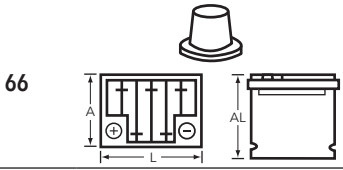
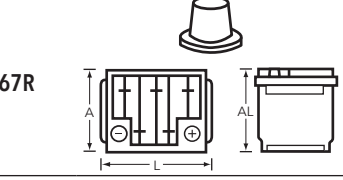
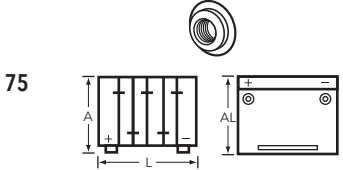
CA (Cranking Amps) Amperios de arranque – potencia de arranque durante 30 segundos a 32° F (0° C). Lectura estimada.

RC (Reserve Capacity) Capacidad de reserva – minutos de salida de 25 amperios a 80° F (26.6° C).

L – Largo, **A** – Ancho, **AL** – Alto.

***SUSTITUCIONES:** Para las notas al pie, consulte la página 160. **Descargo de responsabilidad:** Los únicos reemplazos recomendados son las baterías indicadas en la sección de Aplicaciones de esta *Guía de Aplicación de la Batería*. Para las sustituciones, los instaladores deben verificar la adecuada capacidad de CCA y RC y deben utilizar el mejor juicio respecto al espacio libre debajo de del capó ó cofre, ajuste adecuado, longitud del cable, proximidad de las terminales con los componentes bajo el capó ó cofre y la polaridad. Interstate Batteries se desliga de cualquier responsabilidad por los daños y perjuicios a consecuencia de usar o por el mal uso de ésta información.

ESPECIFICACIONES PARA APLICACIONES AUTOMOTRICES • 12-VOLTIOS

Grupo	Bornes Figuras BCI	Número de Parte	Capacidad	Garantía Meses Gratis Total de Años	Dimensiones (pulgadas)	Peso (libras)	Notas	Sustituciones del Grupo*
 <p>65</p>		MTZ-65	CCA 770 CA 965 RC 130	48 meses	L 11 1/16 A 7 3/16 AL 7 3/8	50	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija	
		MTX-65	CCA 750 CA 935 RC 120	36 meses	L 12 1/16 A 7 1/16 AL 7 7/16	45	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija	
		MTP-65HD	CCA 850 CA 1000 RC 150	30 meses 6 años	L 12 A 7 1/2 AL 7 1/2	45		
		MTP-65	CCA 750 CA 940 RC 140	30 meses 6 años	L 11 3/4 A 7 3/8 AL 7 3/8	45		
		MT-65	CCA 675 CA 845 RC 130	24 meses 5 años	L 12 A 7 1/2 AL 7 1/2	41		
		M-65HC	CCA 850 CA 1000 RC 150	18 meses	L 11 3/8 A 7 1/2 AL 7 1/2	45		
		M-65	CCA 650 CA 810 RC 130	18 meses	L 12 A 7 1/2 AL 7 1/2	42		
		C65-XHD	CCA 750 CA 940 RC 140	18 meses	L 12 A 7 1/2 AL 7 1/2	45	Manija	
 <p>66</p>		MT-66	CCA 750 CA 940 RC 140	24 meses 5 años	L 12 1/16 A 7 7/16 AL 7 1 1/16	46	Tapa plana Ventanilla colectora simple**	
 <p>67R</p>		MTP-67R	CCA 400 CA 500 RC 65	30 meses 6 años	L 9 1/8 A 6 1 3/16 AL 6 1 3/16	25	Manija	
 <p>75</p>		MTP-75	CCA 700 CA 875 RC 95	30 meses 6 años	L 9 A 7 1/4 AL 7 3/8	32		75DT ⁶ 78DT ⁶ 70
	MT-75	CCA 650 CA 810 RC 93	24 meses 5 años	L 9 A 7 1/4 AL 7 3/8	32			
	M-75HC	CCA 650 CA 810 RC 95	18 meses	L 9 A 7 1/4 AL 7 3/8	31			
	M-75	CCA 550 CA 685 RC 80	18 meses	L 9 1/16 A 7 1/16 AL 7 3/8	29			

BORNE:  = Tipo A (automotriz)  = Tipo S (al lado) Diagramas cortesía de Battery Council International (BCI)

GARANTÍA: Consulte la página 161-162 para los detalles.

CAPACIDADES NOMINALES: **CCA (Cold Cranking Amps) Amperios de arranque en frío** - potencia de arranque durante 30 segundos a 0° F (-17.7° C).
CA (Cranking Amps) Amperios de arranque - potencia de arranque durante 30 segundos a 32° F (0° C). Lectura estimada.
RC (Reserve Capacity) Capacidad de reserva - minutos de salida de 25 amperios a 80° F (26.6° C).

L - Largo, A - Ancho, AL - Alto.

***SUSTITUCIONES:** Para las notas al pie, consulte la página 160. **Descargo de responsabilidad:** Los únicos reemplazos recomendados son las baterías indicadas en la sección de Aplicaciones de esta *Guía de Aplicación de la Batería*. Para las sustituciones, los instaladores deben verificar la adecuada capacidad de CCA y RC y deben utilizar el mejor juicio respecto al espacio libre debajo de del capó ó cofre, ajuste adecuado, longitud del cable, proximidad de las terminales con los componentes bajo el capó ó cofre y la polaridad. Interstate Batteries se desliga de cualquier responsabilidad por los daños y perjuicios a consecuencia de usar o por el mal uso de ésta información.

****Puede requerir equipo de ventilación de tubos.**

ESPECIFICACIONES PARA APLICACIONES AUTOMOTRICES • 12-VOLTIOS

Grupo	Bornes Figuras BCI	Número de Parte	Capacidad	Garantía Meses Gratis Total de Años	Dimensiones (pulgadas)	Peso (libras)	Notas	Sustituciones del Grupo*
75/86DT		MTZ-75DT	CCA 715 CA 895 RC 90	48 meses	L 9 7/16 A 7 AL 7 15/16	43	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija	
		MTP-75DT	CCA 650 CA 810 RC 93	30 meses 6 años	L 9 1/2 A 7 1/4 AL 8 3/8	34	Manija	
		M-75DTHC	CCA 650 CA 810 RC 93	18 meses	L 9 1/2 A 7 1/4 AL 8 3/8	32	Manija	
		M-75DT	CCA 450 CA 560 RC 75	18 meses	L 9 1/2 A 7 1/4 AL 8 3/8	29	Manija	
78		MTZ-78	CCA 800 CA 1000 RC 125	48 meses	L 10 13/16 A 7 1/8 AL 7 5/16	47	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija	78DT ⁶ 75DT ⁶ 75 70
		MTX-78	CCA 740 CA 925 RC 115	36 meses	L 10 15/16 A 7 3/16 AL 7 1/4	41	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija	
		MTP-78	CCA 800 CA 1000 RC 110	30 meses 6 años	L 10 1/4 A 7 1/4 AL 7 3/8	38		
		MT-78	CCA 700 CA 875 RC 120	24 meses 5 años	L 10 1/4 A 7 1/4 AL 7 3/8	37		
		M-78	CCA 680 CA 850 RC 120	18 meses	L 10 1/4 A 7 1/16 AL 7 5/16	37		
34/78DT		MTP-78DT	CCA 800 CA 1000 RC 115	30 meses 6 años	L 10 5/16 A 6 7/8 AL 7 13/16	40	Manija	34 34R 78
		M-78DT	CCA 780 CA 975 RC 115	18 meses	L 10 1/4 A 6 13/16 AL 7 7/8	39		
		C78DT-XHD	CCA 800 CA 1000 RC 115	18 meses	L 10 5/16 A 6 7/8 AL 7 13/16	40	Manija	
79		MT-79	CCA 840 CA 1050 RC 140	24 meses 5 años	L 12 1/16 A 7 1/16 AL 7 3/8	42	Tapa plana Ventanilla colectoras doble**	
85		MT-85	CCA 625 CA 780 RC 95	24 meses 5 años	L 9 1/16 A 6 13/16 AL 8	32		

BORNE: = Tipo DT (doble) = Tipo S (al lado) = Tipo A (automotriz) Diagramas cortesía de Battery Council International (BCI)

GARANTÍA: Consulte la página 161-162 para los detalles.

CAPACIDADES NOMINALES: CCA (Cold Cranking Amps) Amperios de arranque en frío - potencia de arranque durante 30 segundos a 0° F (-17.7° C).

CA (Cranking Amps) Amperios de arranque - potencia de arranque durante 30 segundos a 32° F (0° C). Lectura estimada.

RC (Reserve Capacity) Capacidad de reserva - minutos de salida de 25 amperios a 80° F (26.6° C).

L - Largo, A - Ancho, AL - Alto.

***SUSTITUCIONES:** Para las notas al pie, consulte la página 160. **Descargo de responsabilidad:** Los únicos reemplazos recomendados son las baterías indicadas en la sección de Aplicaciones de esta *Guía de Aplicación de la Batería*. Para las sustituciones, los instaladores deben verificar la adecuada capacidad de CCA y RC y deben utilizar el mejor juicio respecto al espacio libre debajo de del capó o cofre, ajuste adecuado, longitud del cable, proximidad de las terminales con los componentes bajo el capó o cofre y la polaridad. Interstate Batteries se desliga de cualquier responsabilidad por los daños y perjuicios a consecuencia de usar o por el mal uso de ésta información.

****Puede requerir equipo de ventilación de tubos.**

ESPECIFICACIONES PARA APLICACIONES AUTOMOTRICES • 12-VOLTIOS

Grupo	Bornes Figuras BCI	Número de Parte	Capacidad	Garantía Meses Gratis Total de Años	Dimensiones (pulgadas)	Peso (libras)	Notas	Sustituciones del Grupo*
86		MTP-86	CCA 650 CA 810 RC 95	30 meses 6 años	L 9 1/16 A 6 7/8 AL 8	32	Tapa plana	75DT ⁶ 26 ⁶
		MT-86	CCA 525 CA 655 RC 90	24 meses 5 años	L 9 1/16 A 6 7/8 AL 8	31		
		M-86	CCA 520 CA 650 RC 90	18 meses	L 9 A 6 3/4 AL 8	31		
96R		MTP-96R	CCA 590 CA 740 RC 95	30 meses 6 años	L 9 1/2 A 6 15/16 AL 6 15/16	30		
		M-96R	CCA 500 CA 625 RC 90	18 meses	L 9 1/2 A 7 AL 7	30		
101		MT-101	CCA 650 CA 810 RC 110	24 meses 5 años	L 10 1/4 A 7 1/16 AL 6 11/16	36	Tapa plana Ventanilla colectoras doble**	
121R		MT-121R	CCA 600 CA 750 RC 100	24 meses 5 años	L 9 3/8 A 5 1/8 AL 8 7/8	31	Tapa plana	
124		MT-124	CCA 700 CA 875 RC 120	24 meses 5 años	L 10 3/8 A 7 AL 8 3/8	40	Tapa plana	
124R		MTP-124R	CCA 700 CA 875 RC 120	30 meses 6 años	L 10 3/8 A 7 AL 8 3/8	39	Tapa plana	
		M-124R	CCA 675 CA 840 RC 120	18 meses	L 10 3/8 A 7 AL 8 3/8	40		
151R		MTP-151R	CCA 370 CA 465 RC 57	30 meses 6 años	L 7 7/16 A 4 15/16 AL 8 7/8	23		

BORNE: = Tipo A (automotriz) = Tipo S (al lado) Diagramas cortesía de Battery Council International (BCI)

GARANTÍA: Consulte la página 161-162 para los detalles.

CAPACIDADES NOMINALES: **CCA (Cold Cranking Amps) Amperios de arranque en frío** - potencia de arranque durante 30 segundos a 0° F (-17.7° C).

CA (Cranking Amps) Amperios de arranque - potencia de arranque durante 30 segundos a 32° F (0° C). Lectura estimada.

RC (Reserve Capacity) Capacidad de reserva - minutos de salida de 25 amperios a 80° F (26.6° C).

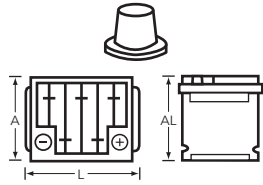
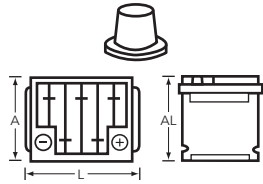
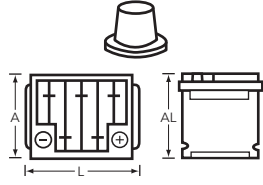
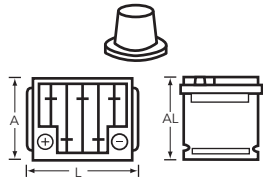
Ah (Ampere hours) Amperios hora - capacidad de almacenamiento eléctrico de 20 horas a 77° F (25° C) de una batería de automóvil.

L - Largo, A - Ancho, AL - Alto.

***SUSTITUCIONES:** Para las notas al pie, consulte la página 160. **Descargo de responsabilidad:** Los únicos reemplazos recomendados son las baterías indicadas en la sección de Aplicaciones de esta *Guía de Aplicación de la Batería*. Para las sustituciones, los instaladores deben verificar la adecuada capacidad de CCA y RC y deben utilizar el mejor juicio respecto al espacio libre debajo de del capó ó cofre, ajuste adecuado, longitud del cable, proximidad de las terminales con los componentes bajo el capó ó cofre y la polaridad. Interstate Batteries se desliga de cualquier responsabilidad por los daños y perjuicios a consecuencia de usar o por el mal uso de ésta información.

****Puede requerir equipo de ventilación de tubos.**

ESPECIFICACIONES PARA APLICACIONES AUTOMOTRICES • 12-VOLTIOS

Grupo	Bornes Figuras BCI	Número de Parte	Capacidad	Garantía Meses Gratis Total de Años	Dimensiones (pulgadas)	Peso (libras)	Notas	Sustituciones del Grupo*
H4 (140R)		MTP-H4	CCA 470 CA 585 RC 74 Ah 52	30 meses 6 años	L 8 1/8 A 6 7/8 AL 7 1/2	35	Manija Ventanilla colectoras doble**	
H5 (47)		MTX-47/H5	CCA 650 CA 750 RC 100 Ah 60	36 meses	L 9 1/16 A 6 1 5/16 AL 7 1/2	39	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija Ventanilla colectoras doble**	
		MT-47/H5	CCA 650 CA 810 RC 100 Ah 54	24 meses 5 años	L 9 1/16 A 6 1 5/16 AL 7 1/2	33	Manija Ventanilla colectoras doble**	
		M-47/H5	CCA 630 CA 785 RC 100 Ah 54	18 meses	L 9 1/16 A 6 1 5/16 AL 7 1/2	33	Manija, Ventanilla colectoras doble**	
H6 (48)		MTZ-48/H6	CCA 730 CA 915 RC 130 Ah 70	48 meses	L 10 1 5/16 A 6 7/8 AL 7 1/2	48	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija Ventanilla colectoras doble**	
		MTX-48/H6	CCA 760 CA 950 RC 120 Ah 70	36 meses	L 10 1 5/16 A 6 7/8 AL 7 1/2	45	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija doble Ventanilla colectoras doble**	
		MTP-48/H6	CCA 730 CA 910 RC 115 Ah 70	30 meses 6 años	L 11 A 6 1 5/16 AL 7 1/2	39	Manija Ventanilla colectoras doble**	
		MT-48/H6	CCA 615 CA 770 RC 95 Ah 50	24 meses 5 años	L 10 1 5/16 A 6 7/8 AL 7 1/2	35	Manija Ventanilla colectoras doble**	
		M-48/H6	CCA 610 CA 760 RC 95 Ah 50	18 meses	L 10 7/8 A 6 1 5/16 AL 7 1/2	35	Manija Ventanilla colectoras doble**	
H6R (148)		MTP-H6R	CCA 600 CA 750 RC 110 Ah 74	30 meses 6 años	L 11 A 6 7/8 AL 7 3/8	48	Manija doble Ventanilla colectoras doble**	

BORNE:  = Tipo A (automotriz) Diagramas cortesía de Battery Council International (BCI)

GARANTÍA: Consulte la página 161-162 para los detalles.

CAPACIDADES NOMINALES: CCA (Cold Cranking Amps) Amperios de arranque en frío - potencia de arranque durante 30 segundos a 0° F (-17.7° C).

CA (Cranking Amps) Amperios de arranque - potencia de arranque durante 30 segundos a 32° F (0° C). Lectura estimada.

RC (Reserve Capacity) Capacidad de reserva - minutos de salida de 25 amperios a 80° F (26.6° C).

Ah (Ampere hours) Amperios hora - capacidad de almacenamiento eléctrico de 20 horas a 77° F (25° C) de una batería de automóvil.

L - Largo, A - Ancho, AL - Alto.

***SUSTITUCIONES:** Para las notas al pie, consulte la página 160. **Descargo de responsabilidad:** Los únicos reemplazos recomendados son las baterías indicadas en la sección de Aplicaciones de esta *Guía de Aplicación de la Batería*. Para las sustituciones, los instaladores deben verificar la adecuada capacidad de CCA y RC y deben utilizar el mejor juicio respecto al espacio libre debajo de del capó o cofre, ajuste adecuado, longitud del cable, proximidad de las terminales con los componentes bajo el capó o cofre y la polaridad. Interstate Batteries se desliga de cualquier responsabilidad por los daños y perjuicios a consecuencia de usar o por el mal uso de ésta información.

****Puede requerir equipo de ventilación de tubos.**

ESPECIFICACIONES PARA APLICACIONES AUTOMOTRICES • 12-VOLTIOS

Grupo	Bornes Figuras BCI	Número de Parte	Capacidad	Garantía Meses Gratis Total de Años	Dimensiones (pulgadas)	Peso (libras)	Notas	Sustituciones del Grupo*
H7 (94R)		MTX-94R/H7	CCA 850 CA 1000 RC 140 Ah 80	36 meses	L 12 3/8 A 6 7/8 AL 7 1/2	52	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija doble Ventanilla colectoras doble**	
		MTP-94R/H7	CCA 790 CA 985 RC 130 Ah 80	30 meses 6 años	L 12 3/8 A 6 7/8 AL 7 1/2	43	Manija Ventanilla colectoras doble**	
		M-94R/H7	CCA 750 CA 935 RC 130 Ah 80	18 meses	L 12 1/16 A 6 15/16 AL 7 1/2	43	Manija Ventanilla colectoras doble**	
H8 (49)		MTX-49/H8	CCA 900 CA 1000 RC 160 Ah 95	36 meses	L 13 15/16 A 6 7/8 AL 7 1/2	59	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija doble Ventanilla colectoras doble**	
		MTP-49/H8	CCA 730 CA 910 RC 175 Ah 100	30 meses 6 años	L 13 15/16 A 6 7/8 AL 7 1/2	50	Manija Ventanilla colectoras doble**	
		MT-49/H8	CCA 900 CA 1000 RC 150 Ah 80	24 meses 5 años	L 13 15/16 A 6 15/16 AL 7 1/2	48	Manija Ventanilla colectoras doble**	
H9 (95R)		MTX-95R/H9	CCA 950 CA 1000 RC 190 Ah 100	36 meses	L 15 1/16 A 6 15/16 AL 7 1/2	65	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente Manija doble Ventanilla colectoras doble**	
		MTP-95R/H9	EN 850 CA 1000 RC 180 Ah 110	30 meses 6 años	L 15 1/16 A 6 15/16 AL 7 1/2	64	Manija doble Ventanilla colectoras doble**	
		401	MTX-AUX12	Ah 12	12 meses	L 5 7/8 A 3 3/16 AL 5 3/8	9	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente
400	MTX-AUX14	Ah 14	12 meses	L 5 7/8 A 3 3/16 AL 5 3/4	10	AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente		
T4 (99R)		MTP-T4	CCA 470 CA 585 RC 70	30 meses 6 años	L 8 1/8 A 6 7/8 AL 6 7/8	27	Ventanilla colectoras doble**	

BORNE: = Tipo A (automotriz) = Vehículos Deportivos 4 Diagramas cortesía de Battery Council International (BCI)

GARANTÍA: Consulte la página 161-162 para los detalles.

CAPACIDADES NOMINALES: **CCA (Cold Cranking Amps) Amperios de arranque en frío** - potencia de arranque durante 30 segundos a 0° F (-17.7° C).

CA (Cranking Amps) Amperios de arranque - potencia de arranque durante 30 segundos a 32° F (0° C). Lectura estimada.

RC (Reserve Capacity) Capacidad de reserva - minutos de salida de 25 amperios a 80° F (26.6° C).

Ah (Ampere hours) Amperios hora - capacidad de almacenamiento eléctrico de 20 horas a 77° F (25° C) de una batería de automóvil.

L - Largo, **A** - Ancho, **AL** - Alto.

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****Puede requerir equipo de ventilación de tubos.**

ESPECIFICACIONES PARA APLICACIONES AUTOMOTRICES • 12-VOLTIOS

Grupo	Bornes Figuras BCI	Número de Parte	Capacidad	Garantía Meses Gratis Total de Años	Dimensiones (pulgadas)	Peso (libras)	Notas	Sustituciones del Grupo*
T5 (90)		MTP-90/T5	CCA 600 CA 750 RC 100 Ah 56	30 meses 6 años	L 9 1/16 A 6 15/16 AL 6 15/16	32	Manija Ventanilla colectoras doble**	47 ^a
T6 (91)		MT-91/T6	EN 590 Ah 60	24 meses 5 años	L 10 15/16 A 6 7/8 AL 6 7/8	37	Manija doble Tapa plana Ventanilla colectoras doble**	
T7 (92)		MT-92/T7	EN 720 Ah 80	24 meses 5 años	L 12 3/8 A 6 7/8 AL 6 7/8	45	Manija doble Tapa plana Ventanilla colectoras doble**	
T8 (93)		MT-93/T8	EN 800 Ah 90	24 meses 5 años	L 13 15/16 A 6 7/8 AL 6 7/8	51	Manija doble Tapa plana Ventanilla colectoras doble**	
V4 (102R)		MTP-V4	EN 520 Ah 35	30 meses 6 años	L 8 1/8 A 6 7/8 AL 5 5/16	24	Ventanilla colectoras doble**	
46A24L		MT-MX-5	CCA 370 CA 465 RC 45	24 meses 5 años	L 7 1/2 A 5 AL 6 1/2	21	Ventanilla colectoras simple**	
46B24R		MTX-S46B24R	CCA 410 CA 510 RC 75	36 meses	L 9 5/16 A 5 1/16 AL 8 15/16	29		

BORNE: = Tipo A (automotriz) Diagramas cortesía de Battery Council International (BCI)

GARANTÍA: Consulte la página 161-162 para los detalles.

CAPACIDADES NOMINALES: **CCA (Cold Cranking Amps) Amperios de arranque en frío** - potencia de arranque durante 30 segundos a 0° F (-17.7° C).

CA (Cranking Amps) Amperios de arranque - potencia de arranque durante 30 segundos a 32° F (0° C). Lectura estimada.

RC (Reserve Capacity) Capacidad de reserva - minutos de salida de 25 amperios a 80° F (26.6° C).

Ah (Ampere hours) Amperios hora - capacidad de almacenamiento eléctrico de 20 horas a 77° F (25° C) de una batería de automóvil.

L - Largo, **A** - Ancho, **AL** - Alto.

***SUSTITUCIONES:** Para las notas al pie, consulte la página 160. **Descargo de responsabilidad:** Los únicos reemplazos recomendados son las baterías indicadas en la sección de Aplicaciones de esta *Guía de Aplicación de la Batería*. Para las sustituciones, los instaladores deben verificar la adecuada capacidad de CCA y RC y deben utilizar el mejor juicio respecto al espacio libre debajo de del capó ó cofre, ajuste adecuado, longitud del cable, proximidad de las terminales con los componentes bajo el capó ó cofre y la polaridad. Interstate Batteries se desliga de cualquier responsabilidad por los daños y perjuicios a consecuencia de usar o por el mal uso de ésta información.

****Puede requerir equipo de ventilación de tubos.**

ABREVIATURAS

2V	2 válvulas por cilindro	HO	Alto rendimiento
4V	4 válvulas por cilindro	HP	Caballos de fuerza
2WD	Tracción en dos ruedas	HSC	Combustión de alta turbulencia (cámara)
4WD	Tracción en las cuatro ruedas	Htr	Calefactor
AC	Aire acondicionado	HWS	Parabrisas térmicos
AGM	Malla de fibra de vidrio absorbente	Hyb	Híbrido
Ah	Amperios por hora	Ign	Encendido
Alt	Alternador (o)	IHC	International Harvester Co.
AT	Transmisión automática	Incl	Incluyendo
Aux	Auxiliar	Ind	Industrial
AWD	Tracción en todas las ruedas	L	Litro
Bat	Batería	L4/L5/L6	Motor con 4, 5 ó 6 cilindros en línea
BCI	Battery Council International (Consejo Internacional de Baterías)	Lft	Izquierdo (a)
CA	(Cranking Amps) Amperios de arranque	LPG	Gas licuado de petróleo
Calif	California	MFI	Inyección de combustible multipuerto
Can	Canadá	Modif	Modificado
Carb	Carburador	MT	Transmisión manual
CFI	Inyección de combustible central	MY	Año modelo
cc	Centímetro cúbico	N/A	No Disponible
CCA	(Cold Cranking Amps) Amperaje de arranque en frío (0° F)	No.	Número
CDI	Inyección directa común	OE	Equipo original
ci	Pulgada cúbica	OHC	Árbol de levas
Comp	Compresión	OHV	Válvula sobre la cabeza
Cont	Continental	Opt	Opcional
Conv	Convertible	Pkg	Paquete
CVT	Transmisión continuamente variable	PPkg	Paquete policial
Cyl	Cilindro	PS	Dirección asistida
DES	Arranque por inyección directa	PTO	Toma de fuerza o potencia
DIN	Deutsche Institut Für Normung (Instituto Alemán de Normas)	RC	(Reserve Capacity) Capacidad de reserva
DOHC	Doble árbol de levas	RRC	(Repetitive Reserve Cycles) Ciclos de Reserva Repetitivos
Dsl	Diésel	Rt	Derecha
DT	Terminal doble	RWD	Tracción trasera
EFB	Batería húmeda mejorada	S/C	Super-cargado
EFI	Inyección de combustible electrónica	SEO	Opción eléctrica especial
ELWB	Distancia entre ejes extra larga	SG	Barrera contra sonido
Eng	Motor	SHO	Súper alto rendimiento
ETR	Radio con sintonía electrónica	SOHC	Árbol de levas
Ex	Excepto	Std	Estándar
Fig	Figura	SULEV	Vehículo de emisiones súper ultra bajas
FI	Inyección de combustible	TBI	Inyección en el cuerpo del acelerador
Fla	Florida	TDI	Inyección directa turbo
FWD	Tracción delantera	US	Estados Unidos
GVW	Peso bruto vehicular	V	Venturi
HBL	Luz trasera térmica (Desempañador de ventana trasera)	TTPkg	Paquete de remolque de trailer
HA	Gran altitud	Turbo	Turbo-cargado o turbo-alimentado
HD	Servicio pesado	w/	Con
		w/o	Sin
		Wisc	Wisconsin

NOTAS AL PIE DE PÁGINA

1B. Puede requerir un adaptador de altura B.

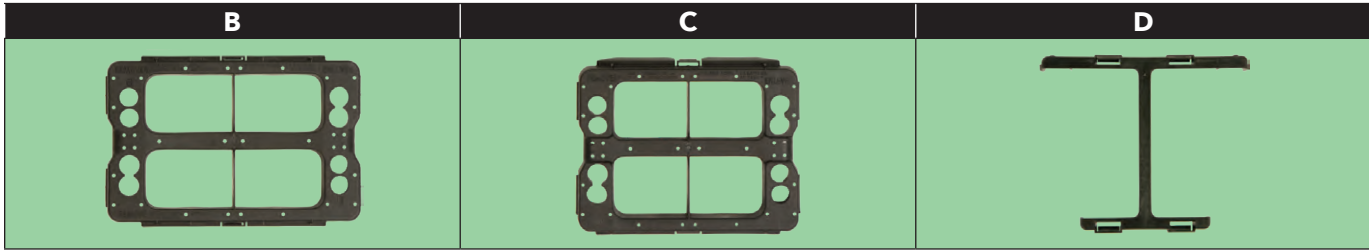
Número de Parte #358310

1C. Puede requerir un adaptador de altura C.

Número de Parte #358200

1D. Puede requerir un adaptador de altura D.

Número de Parte #358100



Renuncia de responsabilidad: Los únicos reemplazos recomendados son los de las baterías indicadas en la sección de aplicaciones de esta guía. Cuando esté haciendo sustituciones, el instalador debe chequear que hayan CCA y RC adecuadas. Además debe usar buen juicio con relación a la distancia entre el capó y la batería, asegurarse que encaje adecuadamente, el largo de los cables, la proximidad de los bornes con los otros componentes debajo del capó y la polaridad. Interstate Batteries se desliga de cualquier responsabilidad por los daños y perjuicios a consecuencia de usar o dar mal uso de ésta información.

1. Podría requerir adaptador de altura.
2. Pueden requerirse dos baterías.
3. Pueden requerirse tres baterías.
4. Pueden requerirse cuatro baterías.
5. Estimación de mejor ajuste.
6. Revise la altura (la distancia entre el capó del carro y la batería), el espacio en la base y el ajuste del mecanismo que sujeta la batería. Revise que la distancia entre el capó del carro y la batería es suficiente antes de conectar los cables.
7. Revise la polaridad y el largo de los cables antes de conectarlos.
8. No tiene ventanilla.
9. Se muestra la batería de reemplazo recomendada por el fabricante. Puede variar con respecto a la batería original.
10. Tal vez sea necesario modificar el mecanismo que sujeta la batería o el blindaje térmico.
11. La batería original tiene ventanillas de enjuague.
12. La batería original tiene bornes tipo F. Es necesario modificar o reemplazar los cables para usar la batería de reemplazo.
14. Polaridad invertida. Revise antes de instalar.
15. La polaridad varía en la producción. Algunos vehículos requieren una batería del grupo 26R. Revise antes de instalar.
16. Requiere tapas de ventilación individuales para que haya suficiente espacio entre el capó del carro y la batería. No coloque baterías con tapas de ventilación de tipo vaina.
17. Opción de batería únicamente en climas calientes. Puede no cumplir con los requisitos del EO (Equipo Original).
18. Vehículo I-drive requieren reinicio de sistema después de la instalación de la batería. Contacte a un taller autorizado de reparación de BMW para servicio.
19. Consulte la información de servicio del fabricante para la reconversión.
20. Algunos modelos requieren una batería del grupo 91. Revise la batería original.
21. Algunos vehículos pueden utilizar una batería del grupo 35. Revise la polaridad antes de instalar.
22. Especial de 12-voltios: 9⁵/₈" x 6⁷/₈" x 7¹/₁₆" (244 mm x 175 mm x 192 mm). Revise la polaridad antes de instalar.
23. Especial de 12-voltios: 10" x 6¹/₁₆" x 8³/₈" (254 mm x 153 mm x 213 mm). Revise la polaridad antes de instalar.
24. Especial de 12-voltios: 14¹⁵/₁₆" x 6³/₄" x 7³/₈" (380 mm x 172 mm x 187 mm).
26. Especial de 12-voltios: 9³/₄" x 5" x 7¹/₂" (248 mm x 127 mm x 190 mm). La batería está ventilada hacia el exterior del vehículo.
27. Especial de 12-voltios: 9⁷/₈" x 6¹/₁₆" x 3¹/₁₆" (248 mm x 169 mm x 94 mm).
28. Especial de 12-voltios: 9⁹/₁₆" x 6¹³/₁₆" x 6¹/₁₆" (243 mm x 173 mm x 170 mm).
30. Especial de 12-voltios: 9" x 7¹/₄" x 7¹/₂" (229 mm x 184 mm x 190 mm).
31. Batería especial de ciclo profundo.
33. Batería AGM (Absorbed Glass-Mat) Malla de fibra de vidrio absorbente fibra de vidrio absorbente de ácido regulada por válvulas.
34. Batería resistente a la vibración.
35. Sin soporte de manija.
40. La batería está dentro de una "caja de enfriamiento activo" con un tubo de aire al exterior del compartimiento del motor.
41. Utiliza una batería para motocicleta. No hay equivalente BCI.
42. Grupo 27 con bornes tipo X.
43. La batería original no tiene una ubicación estándar de los bornes. Puede requerir modificaciones de los cables.
44. Sin HBL (descongelador de la ventana trasera) pero con ETR (radio electrónico), grupo de computadora de viaje o centro de mensajes audibles.
45. Tamaño de grupo no medido por BCI.
47. La batería recomendada para este vehículo se basa en Ah y no en CCA.
48. Es posible que no cumpla los requisitos del fabricante original.
49. En algunos modelos se requiere un juego de separador de batería.
50. La batería está ventilada hacia el exterior del vehículo.
51. La batería puede requerir una manguera de ventilación.
52. Se usa con adaptador Land Rover AMR3679S, sujetador AMR3679, pernos J-AMR3681.
53. Se usa con adaptador Land Rover AMR3679S.
54. CCA es una clasificación EN (Norma Europea).
55. Se debe restablecer el sistema de la computadora del vehículo. Comuníquese con su especialista de servicio.
56. Varios grupos de tamaños de baterías utilizadas en la producción.
57. Los modelos (2008 y 2009) con radios "MyGig" REN o REZ requieren que el fusible de alimentación de la radio sea removido antes de desconectar la batería. Consulte el procedimiento de servicio Chrysler 08-003-09.
58. Los códigos PR están ubicados en una etiqueta cerca del neumático de repuesto o en el libro de la garantía.
59. Batería de plomo mejorada (EFB)
60. Batería de ion de litio únicamente
61. Con sensor

● Vehículo con OE AGM o con una gran demanda de carga para accesorios. Se requiere o recomienda una batería AGM.

● Vehículos con una gran demanda potencial de carga para accesorios, como vehículos de importación europea, vehículos domésticos de lujo, SUV, crossover o minivans.

Garantía limitada de Interstate Batteries–Estados Unidos

(vigente para baterías compradas a partir del 1 de diciembre, 2020 o posterior)

Aclaración Sobre La Garantía: La información de Garantía aplica para el mercado de los Estados Unidos solamente, clientes Internacionales deberán consultar con el Distribuidor Interstate, autorizado en su país para obtener la información aplicable.

Importante: conserve esta garantía limitada y su recibo de compra en la guntera.

LEA CON ATENCIÓN: Esta garantía limitada incluye: disposiciones **vinculantes y obligatorias de arbitraje individual; disposiciones de renuncia al derecho de demanda colectiva** y disposiciones adicionales que limitan sus derechos legales.

Cualquier garantía implícita de comercialización o de aptitud para un propósito específico se limita a la duración de esta garantía limitada. Algunos estados no permiten restricciones en cuanto a la duración de una garantía implícita, por lo que es posible que las limitaciones citadas anteriormente no se apliquen a usted.

Tipo de baterías con cobertura

Interstate Batteries® (IB) proporciona esta garantía limitada al (1) comprador original (2) de las baterías marca Interstate Batteries que se enumeran en la tabla, mostrada al final de ésta página, (3) cuando se hayan comprado en un distribuidor autorizado IB o en una tienda All Battery Center en cualquiera de los 50 estados de Estados Unidos o en el Distrito de Columbia.

Garantía de funcionamiento de IB

IB garantiza que su batería no tenga desperfectos durante el tiempo que dure la garantía que corresponde al modelo de su batería, según la tabla que se muestra a continuación. La garantía de funcionamiento de IB tiene un periodo de reemplazo gratuito; además, algunos modelos de batería tienen un periodo de descuento adicional. Si su batería sufre algún desperfecto durante el periodo de reemplazo gratuito, puede reemplazarla gratuitamente. Si su batería también cuenta con un periodo de descuento y ésta falla debido a un desperfecto durante el periodo de descuento, puede comprar una batería de reemplazo a un precio de descuento. Ese precio de descuento será el precio de venta al público recomendado (SRP, por sus siglas en inglés) de IB que se aplicará para reemplazar su batería cuando devuelva su batería original, menos un porcentaje de descuento, tal como se muestra en la al final de ésta página tabla. Cualquier batería de reemplazo que usted obtenga de conformidad con esta garantía de funcionamiento debe ser idéntica o razonablemente similar a su batería original.

Para encontrar el precio de venta al público (PVP) de IB para su batería de reemplazo cuando devuelva su batería original, pregúntele al vendedor o visite el sitio Web de IB en www.interstatebatteries.com. EL PVP efectivo en la fecha que devuelva su batería original no será el mismo precio que pagó por ella, y puede ser diferente al precio de venta real que tenga el distribuidor por su batería de reemplazo. En algunos casos, es posible que los distribuidores tengan diferentes estructuras de precios y que le ofrezcan venderle una batería de reemplazo durante el periodo de descuento, de forma voluntaria y a un precio más bajo. **Sin embargo, seguirá teniendo la obligación de pagar cualquier impuesto y tarifa tributaria a nivel legislativo por su batería de reemplazo, y es posible que también deba pagar gastos de instalación y mano de obra.** Cualquier cobertura de garantía que aun permanezca vigente para su batería original (cuando la devuelve para recibir una batería de reemplazo de conformidad con esta garantía de funcionamiento), se trasladará a su batería de reemplazo. Su batería de reemplazo no tendrá ninguna cobertura de garantía nueva ni individual.

Lo que debe hacer

Para obtener una batería de reemplazo, debe llevar su batería original a un distribuidor autorizado de garantías de IB o a una tienda All Battery Center que tenga en existencia una batería de reemplazo adecuada. Ese distribuidor dispondrá de un periodo de tiempo razonable para examinar su batería original y, si está defectuosa, la reemplazará de acuerdo con los términos de esta garantía limitada. Para encontrar a un distribuidor de garantía autorizado de IB o la tienda All Battery Center más cercana y obtener más información, visite www.interstatebatteries.com, o llame al 1.888.772.3600 para baterías de Auto, Comerciales, Marinas/RV, Carros de Golf, Motocicletas y Jardín.

Fecha de compra

Su garantía de funcionamiento entra en vigencia a partir de la fecha en que hizo la compra, y su duración es por la cantidad de Meses que se muestran en la siguiente tabla. Usted puede confirmar su fecha de compra mediante la presentación de su recibo por la compra de su batería original. En caso contrario, el distribuidor calculará la fecha en que la compró basada en el código del que se encuentra en cada batería.

Tabla de periodos de la garantía de funcionamiento (sujeta a restricciones)*													
(en el caso de las baterías que se muestran a continuación con el nombre "Interstate Batteries" colocado en un lugar destacado de la etiqueta).													
Periodo de garantía de reemplazo gratuito	Año:	1	2	3	4	5	6						
Periodo de descuento	Meses:	1-6	7-12	13-18	19-24	25-30	31-36	37-42	43-48	49-54	55-60	61-66	67-72
Automóvil*: Modelos que empiezan con "M"		Gratis			Sin cobertura								
Automóvil*: Modelos que empiezan con "MT"		Gratis			45% menos del PVP	25% menos del PVP	10% menos del PVP						
Automóvil*: Modelos que empiezan con "MTP"		Gratis			45% menos del PVP		25% menos del PVP	10% menos del PVP					
Automóvil*: Modelos que empiezan con "MTX"		Gratis											
Automóvil*: Modelos que empiezan con "MTX"-AUX"		Gratis											
Automóvil*: Modelos que empiezan con "MTZ"		Gratis											
Comercial: Modelos que empiezan con "M-31" ó "31-AGM5"		Gratis											
Comercial: Modelos que empiezan con "C", "29H" ó "31"		Gratis											
Comercial*: Modelos "31-AGM7" ó "31P-AGM7"		Gratis											
Para uso Marítimo/Veh. Recr.: M-24DC-12 y Modelos para uso marítimo que empiezan con "HD", "24M", "27M" ó "SRM" (no se incluyen "24M-EFB", "27M-EFB" ó "SRM-4D")		Gratis		Sin cobertura									
Para uso Marítimo/Veh. Recr.: Modelos "31M-AGM" y "34M-AGM"		Gratis											
Para uso Marítimo/Veh. Recr.: Modelos "24M-AGM-A", "31M-AGM-A", "24M-EFB" y "27M-EFB"		Gratis											
Carritos de Golf/Industriales (6V, 8V, 12V) y Veh. Recr.: Modelos que empiezan con "GC2," "GC8," "GC12" (Excluye modelos que empiezan con "GC2HC" ó "GC2XHD") ó "M"		Gratis											
Movilidad (silla de ruedas): Modelos que empiezan con "DCM" y "DCL"		Gratis											
Todos los demás modelos de batería marca Interstate Batteries que no están incluidos en la lista anterior y que corresponden a las siguientes líneas de productos: deportes motorizados, podadoras de pasto y jardines, uso comercial y marítimo, vehículos recreativos y carritos de golf.		Gratis											

*** ADVERTENCIA:** La manera en que utilice su batería para "automóvil," "uso comercial" o "marinas/vehículos recreacionales" puede reducir su periodo de garantía.

Si utiliza su batería para "automóvil" en (a) un vehículo de uso con fines comerciales, (b) un camión de más de una tonelada, o (c) un vehículo con motor diesel (excluyendo un automóvil de pasajeros o una camioneta pickup para uso personal), la cobertura de su garantía se limitará a un periodo de reemplazo gratuito de un año, **a menos que sea una batería modelo MTZ para "automóvil"**, en cuyo caso su cobertura para el periodo de reemplazo gratuito se limitará a dos años.

Si utiliza sus modelos "31-AGM7" ó "31P-AGM7" "comercial" en (a) una unidad auxiliar de energía (APU, por sus siglas en inglés) ó (b) en otras aplicaciones que no sean para el arranque de motor, la cobertura de su garantía se limitará a un periodo de reemplazo gratuito de dos años.

Si utiliza sus modelos de baterías "marinas o para vehículos recreacionales" "31M-AGM" ó "34M-AGM" en aplicaciones que no son náuticas o para vehículos recreacionales para uso en ciclos, la cobertura de su garantía se limitará a un periodo de reemplazo gratuito de dos años.

Si utiliza sus modelos de baterías "marinas o para vehículos recreacionales" "24M-AGM-A", "31M-AGM-A", "24M-EFB" ó "27M-EFB" en aplicaciones que no sean náuticas o para vehículos recreacionales, la cobertura de su garantía se limitará a un periodo de reemplazo gratuito de 18 Meses.

Aclaración Sobre La Garantía: La información de Garantía aplica para el mercado de los Estados Unidos solamente, clientes Internacionales deberán consultar con el Distribuidor Interstate, autorizado en su país para obtener la información aplicable.

Recursos limitados y exclusiones de la garantía

Esta garantía limitada no cubre baterías que simplemente se han descargado, o que han sufrido daño ó abuso, negligencia, maltrato, fuego, accidente, colisión, explosión, congelamiento, robo, sobrecarga, modificaciones, instalación incorrecta, uso de aditivos especiales, intento no autorizado de reparación, ó descuido en el mantenimiento de la batería. La responsabilidad de IB se limita al reemplazo de la batería, de conformidad con los términos y condiciones de esta garantía limitada. **IB no será responsable de ningún daño punitivo, resultante o imprevisto**, como el costo de la instalación, remolque, pruebas del sistema eléctrico, carga de una batería, alquiler de vehículos, mano de obra, pérdida de tiempo, pérdida del uso de un vehículo, pérdida de utilidades, o daño a una propiedad que no sea la batería. Algunos Estados no permiten la exclusión o limitación de estos daños imprevistos o resultantes, por lo cual es posible que las limitaciones y exclusiones citadas anteriormente no se apliquen a usted.

Información Legal

Esta garantía limitada rige todos los reclamos de garantía. IB no brinda ninguna otra garantía expresa.

Notificación de acuerdo de arbitraje y Renuncia a una demanda colectiva

- El presente acuerdo estipula que todas las controversias entre usted e IB serán resueltas mediante ARBITRAJE INDIVIDUAL VINCULANTE.
- USTED RENUNCIA A SU DERECHO A ENTABLAR ACCIONES JUDICIALES, EXCEPTO en asuntos que puedan presentarse ante un tribunal de demandas de menor cuantía.
- En el arbitraje, usted e IB acuerdan RENUNCIAR AL DERECHO DE UN JUICIO POR JURADO.
- Asimismo, usted e IB RENUNCIAN al derecho de participar en una acción legal de demanda colectiva o un arbitraje colectivo.

Visite www.adr.org o llame al 1.800.778.7879 para obtener información sobre cómo iniciar un arbitraje y los procedimientos que se emplean.

Arbitraje individual vinculante y obligatorio: De acuerdo con la Ley de Arbitraje Federal, **usted e IB convienen en el arbitraje -solo a nivel individual- de cualquier reclamo o controversia que se relacione con la compra, uso, funcionamiento, garantía o devolución de su batería IB.** Usted e IB someterán cualquier controversia de ese tipo al arbitraje individual vinculante y final ante la Asociación Americana de Arbitraje (AAA) o, en caso de que la AAA no estuviera disponible, ante JAMS, www.jamsadr.com. Salvo que usted e IB acuerden lo contrario, cualquier audiencia de arbitraje se llevará a cabo en el condado (o distrito) en el que usted reside. El arbitraje estará regido por el Departamento de Procedimientos para la Resolución de Controversias y el Departamento de Procedimientos Complementarios para Controversias relacionadas con el consumidor, de la AAA, según lo modifica esta disposición de Arbitraje individual vinculante y obligatorio. Sin embargo, bajo ninguna circunstancia se usarán regulaciones o procedimientos de la AAA que permitan que el arbitraje conduzca a una demanda colectiva o de otro tipo representativo o grupal. Usted e IB renuncian al derecho de presentarse ante un tribunal, exceptuando que usted o IB presenten una demanda individual ante un tribunal de demandas de menor cuantía. En caso contrario, esta disposición de arbitraje individual vinculante y obligatoria constituirá una defensa completa ante cualquier demanda judicial, acción o procedimiento legal en un tribunal federal, estatal o local, o ante cualquier tribunal administrativo, en relación con dichas controversias. El juez árbitro, y no algún organismo o tribunal federal, estatal o local, dispondrá de la autorización y jurisdicción exclusiva para resolver cualquiera de dichas controversias. La autoridad del juez árbitro incluye, de manera específica, controversias relacionadas con el alcance o aplicabilidad de la presente disposición individual vinculante y obligatoria, o la interpretación, aplicabilidad, ejecutabilidad o elaboración de esta garantía limitada, incluyendo pero sin limitarse a cualquier reclamo de que la totalidad o parte de esta garantía limitada es nula o anulable. Las decisiones del juez árbitro son exigibles por ley y están sujetas a una revisión muy limitada por parte de un tribunal. El dictamen sobre un laudo arbitral dictado en el arbitraje puede ser presentado en cualquier tribunal que tenga la jurisdicción correspondiente. Esta disposición individual, vinculante y obligatoria se aplica hasta donde lo permite la ley, exceptuando los lugares en los que la legislación federal o estatal la prohíba.

Renuncia al derecho de demanda colectiva: Usted e IB acuerdan además, que cualquier reclamo o controversia entre usted e IB que se relacione con la compra, uso, funcionamiento, garantía o devolución de su batería IB, solo se presentará a nivel individual. Usted e IB no entablarán ningún arbitraje colectivo, acción colectiva ni ningún otro procedimiento representativo o grupal que busque un desagravio en nombre de alguna otra persona que no sean usted o IB.

Estatuto de limitaciones: Cualquier acción legal, arbitraje u otro procedimiento que se base en cualquier reclamo o controversia que pueda surgir entre usted e IB que se relacione con la compra, uso, funcionamiento, garantía o devolución de su batería IB, debe comenzarse dentro de un plazo de 2 años después de ocurridos los sucesos que originen dicho reclamo.

Conflictos de Jurisdicción: IB tiene su sede en Dallas, Texas. Usted e IB acuerdan que la legislación de Texas se aplicará para cualquier reclamo o controversia que surja entre usted e IB en relación con la compra, uso, funcionamiento, garantía o devolución de su batería IB. Esta disposición de conflicto de leyes tiene el propósito de brindar el alcance más amplio posible, y se aplica a cualquier reclamo o controversia, independientemente de la reglamentación sobre conflictos de Jurisdicción.

Es posible que algunas limitaciones no se apliquen a jurisdicciones específicas: Algunos Estados probablemente no autoricen ciertas disposiciones de la presente garantía limitada, por lo cual es posible que estas disposiciones no se apliquen a usted. Ninguna disposición tiene el propósito de limitar, modificar, desmerecer, renunciar o excluir ninguno de los requisitos de la garantía obligatoria estipulados por algún estado, excepto donde lo permita la legislación federal o estatal. Esta garantía le otorga derechos legales específicos, y es posible que usted tenga además otros derechos legales, los cuales varían de un Estado a otro.

Disposiciones independientes: Si se determina que una disposición de la presente garantía limitada no es ejecutable, todas las demás disposiciones de la presente garantía limitada seguirán con plena vigencia y efecto, -exceptuando que un reclamo o controversia sea presentado como un arbitraje colectivo, una demanda colectiva o cualquier otro procedimiento de tipo representativo o grupal, y se determina que la disposición de la renuncia a presentar acciones legales colectivas no es válida o ejecutable, la disposición individual vinculante y obligatoria también será nula y sin efecto, y la resolución del reclamo o controversia será dada por un tribunal.

Solo para residentes de California

Con el fin de encontrar un distribuidor de garantías autorizado de IB o una tienda All Battery Center en California, lea la sección anterior, "Lo que debe hacer". En caso de que IB no cuente con instalaciones de servicios y reparaciones en California, o no ponga a disposición de las instalaciones de servicios y reparaciones de California material informativo y repuestos durante el periodo expreso de la garantía, los residentes de California tienen la opción de devolver una batería defectuosa (1) a la tienda donde la compraron, ó (2) a otra tienda que venda el mismo tipo de batería marca Interstate Batteries. La tienda, según la preferencia del establecimiento, reparará la batería, la remitirá a una instalación de reparaciones independiente, la reemplazará, o le devolverá el costo de su compra menos la cantidad que se atribuya directamente al uso que usted haya hecho de la batería. Si ninguna de las dos opciones anteriores son convenientes para usted, puede llevar la batería a una instalación de reparaciones independiente, si es que el servicio o la reparación pueden realizarse a nivel económico, por cuenta de IB.

Advertencia de la Propuesta de Ley 65 del Estado de California: Los bornes, terminales y accesorios de batería relacionados contienen plomo y compuestos de plomo. El estado de California reconoce estos químicos como cancerígenos y causantes de daños reproductivos. Las baterías también contienen otros químicos que el estado de California reconoce como cancerígenos. **Lávese las manos luego de manipular.**

Contacto

Para obtener más información sobre esta garantía limitada, comuníquese a: Interstate Batteries, Servicio al Consumidor, 12770 Merit Drive, Suite 300, Dallas, Texas 75251. También puede comunicarse con IB por teléfono llamando al 1.888.772.3600 o visitando www.interstatebatteries.com.

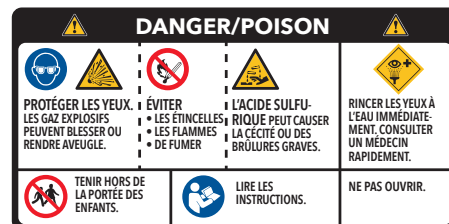
SÉCURITÉ D'ABORD

Avertissement Contenu dans la Proposition 65

Les bornes de batterie, les cosses et accessoires apparentés contiennent du plomb et des composés de plomb, substances chimiques reconnues par l'État de Californie comme étant cancérigènes et pouvant provoquer des anomalies congénitales. Les batteries peuvent également renfermer d'autres produits chimiques reconnus par l'État de la Californie comme étant cancérigènes. Se laver les mains après manipulation des batteries.

Pratiques de Sécurité pour le Travail Avec les Batteries

- Protégez toujours les yeux et les mains.
- Gardez les étincelles, les flammes et les cigarettes loin de la batterie.
- Ne vous penchez jamais au-dessus de la batterie pendant le test ou le chargement.
- Assurez-vous que le lieu de travail est bien ventilé.
- Ne respirez pas le brouillard acide.



Installation Sécuritaire des Batteries

- Recommandé : utilisez une alimentation de secours de 12 volts lors du remplacement d'une batterie pour éviter de perdre la mémoire de l'ordinateur. Prenez des précautions, lors de l'utilisation d'une batterie de secours et couvrez l'extrémité du câble positif pour éviter une mise à la masse et des dommages éventuels de l'ordinateur.
- Débranchez le câble négatif (-) en premier, puis le câble positif (+).
- Nettoyez les bornes de la batterie neuve avec une brosse métallique. Nettoyez les extrémités des câbles de la batterie avec une brosse métallique et un nettoyant à batterie ou un mélange d'eau et de bicarbonate de soude. Nettoyez le plateau de la batterie pour enlever les débris éventuels pouvant percer le bas de la batterie neuve.
- Installez la batterie neuve à la position de l'ancienne batterie. Si l'ancienne batterie est dotée d'une enveloppe ou d'un matériau de protection, placez celle ou celui-ci sur la batterie neuve. Si l'enveloppe est endommagée, remplacez-la par une neuve.
- Fixez la batterie dans le plateau avec le dispositif d'ancrage. Remplacez toutes les pièces endommagées ou qui manquent. Fixez le câble positif (+) de la batterie à la borne positive (+) et serrez-le; fixez le câble négatif (-) de la batterie à la borne négative (-) et serrez-le. Consultez ci-dessous les spécifications de couple de serrage.

Bornes automobiles : 50 à 70 lb-po

Bornes latérales : 70 à 90 lb-po

Goujons filetés de 5/16 po : 100 à 120 lb-po

Goujons filetés de 3/8 po : 120 à 180 lb-po

Chargement Sécuritaire des Batteries

- N'essayez jamais de charger une batterie sans avoir lu les instructions du chargeur.
- Mettez le chargeur et la minuterie à "Off" avant de connecter les fils de sortie à la batterie pour éviter des étincelles dangereuses.
- Pour éviter une explosion, ne chargez jamais une batterie visiblement endommagée ou gelée.
- Connectez les fils de sortie du chargeur à la batterie: fil rouge positif (+) à la borne positive (+) et le fil noir négatif (-) à la borne négative (-). Si la batterie est encore dans le véhicule, connectez le câble de terre - habituellement le négatif (-) - au bloc moteur, loin de la batterie, pour servir de mise à la terre.
- Assurez-vous que les connexions sont serrées.
- Réglez la minuterie, mettez le chargeur à "On" et augmentez lentement le taux de chargement. **Les chargeurs automatiques ont un taux de charge pré-réglé et pourraient ne pas avoir de commutateur à régler pour le courant de charge (intensité). Consulter le manuel du fabricant ou d'instructions du chargeur avant de commencer à charger.**
- Si la batterie devient chaude au toucher ou crache de l'électrolyte, arrêtez de charger et laissez la batterie refroidir avant de continuer.
- Mettez le chargeur à "Off" avant d'enlever les fils du chargeur de la batterie pour éviter des étincelles dangereuses.

Danger d'Explosion de Batteries

Les batteries contiennent de l'acide sulfurique et peuvent produire des mélanges d'hydrogène explosifs. Le lieu de travail ou de l'entreposage doit être bien aéré sans aucune source d'allumage. Portez toujours un équipement de protection individuel approprié. Enlevez les bouchons seulement pour vérifier l'eau ou pour en ajouter et ne chargez jamais une batterie gelée.

Danger d'Acide de Batteries

Soyez extrêmement prudent au contact avec électrolyte, qui est une solution d'eau et d'acide sulfurique qui peut endommager les vêtements et la peau. Gardez une solution de neutralisation des acides, par exemple à base de bicarbonate de soude.

- Portez une protection adéquate pour les yeux, le visage et les mains.
- Si l'électrolyte éclabousse un oeil, ouvrez immédiatement l'oeil et rincez à grand flot avec de l'eau propre et froide pendant au moins 15 minutes. Consultez rapidement un médecin.
- En cas d'ingestion, buvez de grandes quantités d'eau ou de lait. NE PAS faire vomir. Appelez un médecin.
- À l'aide de bicarbonate de soude, neutralisez tout électrolyte déversé. Après la neutralisation, rincez le véhicule ou l'endroit avec de l'eau.
- Mélanger de l'acide peut être très dangereux! N'essayez pas de le faire sans être adéquatement entraîné.

ENTRETIEN DE BATTERIE

Toutes les batteries Interstate sont sans entretien?

La gamme de batteries conventionnelles à électrolyte liquide Interstate pour voiture et de grande capacité à usage commercial sont sans entretien dans des conditions normales d'utilisation.

Que signifie l'expression sans entretien lorsque l'on parle de batteries conventionnelles à électrolyte liquide?

Sans entretien signifie que si la batterie est utilisée dans des conditions normales, elle ne perd pas beaucoup d'eau; en somme, elle est remplie à vie d'électrolyte. En termes techniques, le dégagement de gaz de la batterie est faible. C'est pourquoi certaines batteries n'ont pas ou ne nécessitent pas de bouchons. Celles dotées de bouchons sont également sans entretien, mais un certain entretien est possible.

Y a-t-il des mesures à prendre si ma batterie est sans entretien?

Oui, vous pouvez ne pas avoir à ajouter de l'eau, mais il sera nécessaire de nettoyer et de serrer au couple approprié les pièces de fixation, les câbles, les bornes et le boîtier de batterie. Si vous découvrez que le boîtier de batterie est fissuré et fuit, remplacez la batterie. Vous pouvez utiliser une brosse métallique et un nettoyant pour batterie ou un mélange d'eau et de bicarbonate de soude pour neutraliser l'acide et enlever la corrosion. Ne laissez pas la solution de nettoyage pénétrer dans les éléments de la batterie. Une graisse haute température ou un enduit de protection (aérosol) des bornes peut être utilisé pour empêcher la corrosion sur les bornes de la batterie. Un autre facteur important concernant l'entretien de batterie est la charge. Plus de détails ci-dessous à ce sujet.

Quelles conditions entraînent une perte d'eau anormale dans une batterie?

Plusieurs facteurs peuvent entraîner une perte d'eau plus rapide qu'à la normale dans une batterie.

Températures élevées. Si vous habitez dans un endroit où le climat est chaud et si la batterie est située dans le compartiment moteur, elle est exposée à des températures très élevées entraînant une perte plus rapide de l'eau. Voici pourquoi il est important de réutiliser ou de remplacer tout matériau de protection de la batterie installé par l'usine.

Décharges poussées. Des décharges poussées et des recharges entraînent une perte d'eau plus rapide dans une batterie.

Décharges et recharges fréquentes. Plus les décharges sont fréquentes, plus la perte d'eau est importante.

Surcharge. Une batterie régulièrement surchargée fera l'objet d'une perte d'eau accélérée. Le maintien d'une batterie chargée à sa capacité maximale est important pour la durée de vie de la batterie, par conséquent l'utilisation d'un chargeur approprié minimisera la perte d'eau et les dommages découlant de surcharge ou de sous charge.

Si je dois ajouter de l'eau, quelle eau dois-je utiliser et quelle quantité?

Le mieux est d'utiliser de l'eau distillée car elle ne contient pas de minéraux. Les minéraux dissous dans l'eau entraînent avec le temps une dégradation plus rapide de la batterie. N'ajoutez jamais de l'acide, de l'électrolyte ni tout autre produit chimique, car cela annulera la garantie. Le niveau maximal du remplissage est d' $\frac{1}{8}$ po en dessous du bas de la cavité d'aération. Le niveau minimal de l'électrolyte est de 2 po au-dessus des plaques. Si le niveau d'eau est très bas et si vous devez charger la batterie, ajoutez de l'eau à mi-hauteur entre le niveau de remplissage min. et le niveau max., puis chargez la batterie. Après la charge, revérifiez le niveau de l'électrolyte et, au besoin, ajoutez de l'eau. Le niveau de l'électrolyte augmentera selon la chaleur de la batterie. Un remplissage trop important de la batterie provoquera un soulèvement des bouchons par l'électrolyte d'où corrosion des bornes de la batterie et des composants avoisinants.

Y a-t-il des batteries qui ne sont pas sans entretien?

Oui, les batteries marines/de VR à décharge poussée à électrolyte liquide à double usage, ou celles de voiturette de golf. Vérifiez et ajoutez de l'eau distillée selon le besoin. Le niveau d'électrolyte minimal est d' $\frac{1}{2}$ po au-dessus des plaques et le niveau maximal est d' $\frac{1}{8}$ po à $\frac{1}{4}$ po en dessous du bas des cavités d'aération. Vérifiez les niveaux de l'électrolyte tous les deux à trois mois ou selon le besoin. Plus vous utilisez la batterie, plus les niveaux de l'électrolyte baisseront rapidement.

Qu'arrive-t-il à la batterie si elle est utilisée alors que son niveau d'eau est faible?

Si le niveau de l'électrolyte tombe à la partie supérieure des plaques ou en dessous de ce point, la batterie peut rapidement se détériorer ou produire une sulfatation importante et peut dans certains cas rares, exploser. Une utilisation d'une batterie avec un bas niveau d'eau augmente la teneur en acide ce qui conduit à une corrosion plus rapide de la grille et à un fonctionnement plus chaud de la batterie. L'acide à la partie supérieure des plaques séchera avec formation de cristaux de sulfatation, pouvant entraîner un court-circuit dans cet élément.

ENTRETIEN DE BATTERIE (SUITE)

Quel est l'entretien des batteries à tapis de verre absorbé (AGM)?

Les batteries AGM sont par leur nature sans entretien. La formation de gaz reste active à l'intérieur de la batterie, donc, il n'y a aucune perte d'eau dans des conditions normales d'utilisation. Si une batterie AGM est exposée à une surcharge, ces gaz seront évacués et la batterie séchera et se détériorera prématurément. Comme pour toutes les batteries, les AGM nécessitent un nettoyage des boîtiers de batterie, bornes, câbles et pièces de fixation qui doivent aussi être régulièrement resserrés.

Pourquoi la charge de ma batterie est importante et qu'est-ce que la sulfatation?

Les batteries au plomb comme les conventionnelles à électrolyte liquide, les AGM ou celles au gel doivent être maintenues à 100 % en état de charge pour qu'elles demeurent saines et prêtes à l'emploi. Une batterie sera sulfatée si elle n'est pas complètement rechargée après une utilisation ou laissée déchargée. Une sulfatation se présente lorsque l'acide sulfurique provenant de l'électrolyte pénètre dans les plaques lors de la décharge et se transforme en cristaux suite à un état de décharge prolongée. Il est alors difficile sinon impossible d'inverser l'état de la batterie. La capacité et le rendement d'une batterie sulfatée sont réduits. Pour éviter cette situation, rechargez la batterie peu de temps après son utilisation. Les batteries entreposées doivent être rechargées tous les 2 à 3 mois ou bien un chargeur intelligent multi-étagé doit être utilisé pour leur fournir une charge d'entretien.

Comment puis-je vérifier l'état de charge de ma batterie?

Vous pouvez utiliser un voltmètre pour mesurer la tension à vide (OCV) ou un hydromètre pour mesurer la densité (SG) de l'électrolyte si les bouchons de la batterie ont été enlevés. Un repos de la batterie, pendant 24 heures, est nécessaire avant de mesurer la tension à vide afin de permettre la dissipation de la charge superficielle. Vous pouvez accélérer le retrait de la charge superficielle en chargeant la batterie à raison de 15 à 30 A pendant 30 secondes, puis en laissant la batterie reposer pendant 5 à 10 minutes pour que la tension se stabilise. Cette action permet d'obtenir des mesures beaucoup plus précises de l'OCV. La mesure de la densité (SG) est la méthode préférée pour les batteries conventionnelles. La référence Étape 2 dans l'Étape 4 – Vérification des batteries est prévue pour les batteries à électrolyte liquide ou les AGM.

Comment dois-je charger ma batterie?

Pour qu'une batterie soit correctement chargée, trois points basiques sont à prendre en compte : une tension de charge appropriée, une intensité correcte et suffisamment de temps pour remplir la tâche. La tension appropriée est déterminée par l'aspect chimique de la batterie (à électrolyte liquide, AGM ou au gel). Le fabricant de batterie spécifiera les tensions de charge et d'entretien appropriées. L'intensité appropriée sera déterminée par la capacité (Ah) de la batterie. Un niveau de 10 % de la capacité Ah est normal alors que 15 % est une charge rapide. Si la batterie n'est pas classée en Ah, vous pouvez prendre la capacité de réserve (CR) à 25 A et la multiplier par 0,6 pour obtenir approximativement la valeur en Ah selon un taux de 20 heures. Les petites batteries pour voitures tombent normalement dans la plage de 5 à 10 A, alors que les plus grosses se situent entre 10 et 15 A. Enfin, si vous utilisez un chargeur automatique, celui-ci passera automatiquement en mode d'entretien une fois la batterie chargée. Si vous utilisez un chargeur manuel, il vous faudra tester la batterie pour voir si celle-ci est complètement rechargée.

**Pour voir une liste complète et à jour
des applications, y compris anciennes, consultez
<https://www.interstatebatteries.com/battery-finder>**

Nous apprécions vos commentaires. Si vous avez des suggestions concernant ce guide, veuillez les envoyer à applicationguide@ibsa.com.

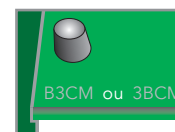
VÉRIFICATION DE BATTERIE EN 4 ÉTAPES | BATTERIES MOUILLÉES

Mise en garde: Une vérification de la batterie est la première étape d'un diagnostic du système électrique. Puisqu'une batterie déchargée peut être un symptôme d'un problème sous-jacent, vérifiez également le système électrique du véhicule. Vous assurez que tous les outils et testeurs sont étalonnés et donnent une lecture précise.

ÉTAPE 1: Vérification Visuelle

1. Vérifiez le boîtier et remplacez-le s'il est endommagé.
2. Vérifiez s'il y a de la corrosion sur les bornes. S'il y en a, nettoyez.
3. Vérifiez le niveau d'électrolyte et, au besoin, remplissez jusqu'à 13 mm (½ po) au dessus des plaques.
4. Lisez le code de la date sur le boîtier (les premiers deux caractères) pour déterminer l'âge (mois et l'année) de la batterie.

MOIS	A	B	C	D	E	F	G	H	I	J	K	L
	Jan	Fév	Mar	Avr	Mai	Jun	Jui	Aoû	Sep	Oct	Nov	Déc
ANNÉE	1	2	3	4	5	6	7	8	9	0	1	2
	11	12	13	14	15	16	17	18	19	20	21	22



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ou 2/13

ÉTAPE 2: État de Charge

1. Si la batterie est dotée de bouchons d'aération amovibles, vérifiez avec un aréomètre. Si elle est scellée, vérifiez avec un voltmètre.
2. Si l'état de charge est à au moins 75 % et/ou s'il existe une différence de points de densité inférieure à 50 entre les éléments les plus élevés et les éléments les plus bas, passez à l'étape suivante. S'il existe une différence supérieure à 50 points de densité, remplacez la batterie.
3. Si l'état de charge est inférieur à 75 %, chargez la batterie.
4. Enlevez la charge superficielle si la batterie a été chargée (chargeur/alternateur) immédiatement avant le test. Pour enlever la charge superficielle, appliquez une charge de 150 ampères pendant 10 à 15 secondes ou laissez la batterie se reposer pendant ou 3 heures.

Densimètre

Densité = État de charge

1,285 = 100 %
1,255 = 75 %
1,225 = 50 %
1,185 = 25 %
1,140 = 0 %

Rechargez si un ou plusieurs éléments sont sous 75 %

Voltmètre

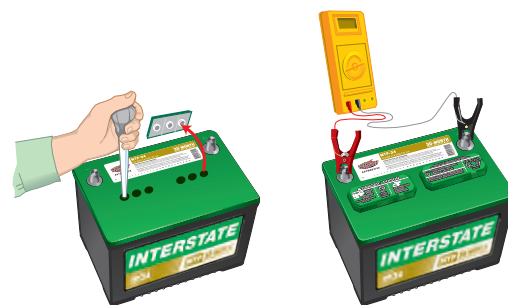
Volts = État de charge

12,77 = 100 %
12,61 = 75 %
12,44 = 50 %
12,22 = 25 %
12,00 = 0 %

Rechargez si en dessous de 75 %

ÉTAPE 3: Essai de Charge

1. Appliquer ½ de l'intensité du courant électrique au démarrage à froid (ICEDF) de la batterie pendant 15 secondes.
2. Si l'ICEDF n'est pas visible sur la batterie, vous reportez aux spécifications OE d'ICEDF dans la section *Applications Automobile et Camionnette* de ce guide.
3. Comparez les résultats aux résultats de tension nominale affichés sur le tableau Tension minimale en fonction de la température (ci-dessous).
4. Les batteries indiquant une tension inférieure au minimum échouent à l'essai de charge. Si la batterie échoue à l'essai, passez à l'étape 4.



Tension minimale versus température de la batterie

TEMP. DE LA BATTERIE	F	100°	90°	80°	70°	60°	50°	40°	30°	20°	10°	0°
	C	38°	32°	27°	21°	16°	10°	4°	-1°	-7°	-12°	-18°
VOLTS MINIMUM		9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.1	8.9	8.7	8.5

ÉTAPE 4: Retour (appliquer uniquement à l'essai de charge)

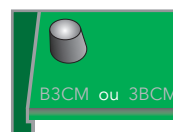
1. Continuez d'observer la tension de remontée après avoir enlevé la charge.
2. Si la batterie ne revient pas à 12,61V (état de charge de 75 %) en une minute, rechargez et refaites un essai.
3. Si la tension de la batterie remonte à un état de charge de 75 % ou plus, remplacez la batterie.

VÉRIFICATION DE BATTERIE EN 4 ÉTAPES | BATTERIES AGM

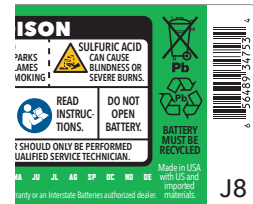
Mise en garde: Une vérification de la batterie est la première étape d'un diagnostic du système électrique. Puisqu'une batterie déchargée peut être un symptôme d'un problème sous-jacent, vérifiez également le système électrique du véhicule. Vous assurer que tous les outils et testeurs sont étalonnés et donnent une lecture précise.

ÉTAPE 1: Vérification Visuelle

1. Vérifiez et remplacez les batteries endommagées physiquement aux bornes, au boîtier, etc.
2. Lire le code de date sur le boîtier (les deux premiers caractères) ou sur l'autocollant pour savoir l'âge (mois et année) de la batterie.



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L'exemple présenté est celui d'une batterie AGM MTZ. Les impressions de date sur les batteries AGM peuvent varier.

MOIS	A	B	C	D	E	F	G	H	I	J	K	L
	Jan	Fév	Mar	Avr	Mai	Jun	Jui	Aoû	Sep	Oct	Nov	Déc
ANNÉE	1	2	3	4	5	6	7	8	9	0	1	2
	11	12	13	14	15	16	17	18	19	20	21	22

ÉTAPE 2: État de Charge

1. Recharger si la tension du circuit ouvert de la batterie (OCV) est inférieure à 12,64V (environ 75 % de l'état de charge). Si la tension est aux alentours de 10,5V, la batterie pourrait être gravement déchargée ou elle peut avoir une cellule en court-circuit. Charger la batterie avec prudence en surveillant de près des signes de surchauffe. Charger la batterie avec un chargeur en parallèle ou simple pour les batteries AGM ou scellées.
2. Retirer la charge de surface de la batterie si elle a été chargée immédiatement avant les essais (appliquer une charge de 150 ampères pendant 15 secondes).
3. Si la charge de la batterie est égale ou supérieure à la tension de sortie minimale, procéder à l'étape 3.

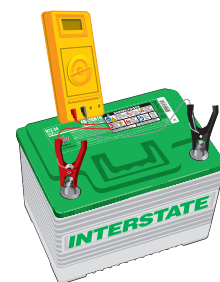
Voltmètre

Volts = État de charge
12.88 = 100%
12.64 = 75%
12.39 = 50%
12.09 = 25%
11.80 = 0%

Rechargez si en dessous de 75 %

ÉTAPE 3: Essai de Charge

1. Appliquer la moitié de la charge spécifiée de CCA, à l'aide d'un testeur de charge variable à pile de carbone pendant 15 secondes.
2. Si vous ne pouvez pas atteindre la caractéristique nominale de CCA, reportez-vous au « CA d'origine » dans la section *Applications Automobile et Camionnette* de ce guide et charger la batterie à la moitié des spécifications d'origine.
3. Comparer les résultats aux résultats de tension nominale affichés sur le tableau Tension minimale en fonction de la température (ci-dessous).
4. Les batteries avec des résultats de tension en dessous du minimum échouent à l'essai de charge. Si la batterie échoue à l'essai de charge, procéder à l'étape 4.



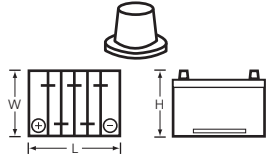
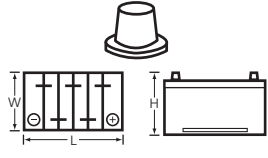
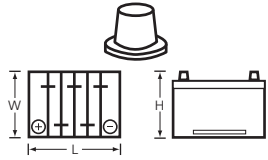
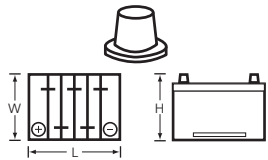
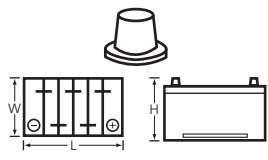
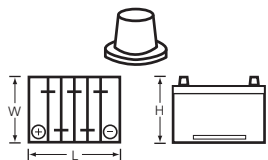
Tension minimale versus température de la batterie

TEMP. DE LA BATTERIE	F	100°	90°	80°	70°	60°	50°	40°	30°	20°	10°	0°
	C	38°	32°	27°	21°	16°	10°	4°	-1°	-7°	-12°	-18°
VOLTS MINIMUM		9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.1	8.9	8.7	8.5

ÉTAPE 4: Retour (appliquer uniquement à l'essai de charge)

1. Continuer à observer le retour de tension après la suppression de la charge.
2. Si la batterie ne revient pas à 12,64V (état de charge de 75 %) en une minute, recharger et refaire un essai.
3. Si la batterie retourne pas à une tension de 12,65V ou supérieure; la remplacer.

SPÉCIFICATIONS DES AUTOMOBILES • 12-VOLT

Taille du Groupe	Borne Figure BCI	Numéro de Pièce	Capacité	Garantie Mois gratuits Total des années	Dimensions (pouces)	Poids (lbs)	Notes	Substitutions de Groupes*
24		MTP-24	CCA 750 CA 940 RC 130	30 mois 6 années	L 11 W 6 7/8 H 8 3/4	44	Poignée	78DT ^{18,6} 75DT ^{1C,6} 34 ^{1B} 25 ⁶ 26 ^{1D}
		MT-24	CCA 600 CA 750 RC 110	24 mois 5 années	L 10 1/4 W 6 7/8 H 8 3/4	39	Dessus plat	
		M-24HC	CCA 700 CA 875 RC 130	18 mois	L 10 1/4 W 6 7/8 H 8 5/8	42		
		M-24	CCA 530 CA 660 RC 95	18 mois	L 10 1/4 W 6 13/16 H 8 5/8	39		
		C24-XHD	CCA 575 CA 720 RC 130	18 mois	L 10 1/4 W 6 13/16 H 8 5/8	41		
24F		MTX-24F	CCA 710 CA 885 RC 120	36 mois	L 10 15/16 W 6 13/16 H 9	45	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Poignée	75DT ^{1C,6} 78DT ^{18,6} 35 ⁶ 34R ^{1B} 26R ^{1D}
		MTP-24F	CCA 750 CA 940 RC 130	30 mois 6 années	L 11 W 6 7/8 H 8 3/4	44	Poignée	
		MT-24F	CCA 600 CA 750 RC 110	24 mois 5 années	L 10 1/4 W 6 7/8 H 8 3/4	39	Dessus plat	
		M-24FHC	CCA 700 CA 875 RC 130	18 mois	L 11 W 6 7/8 H 8 3/4	42		
		M-24F	CCA 530 CA 660 RC 95	18 mois	L 10 3/4 W 6 13/16 H 9	39		
25		MT-25	CCA 550 CA 690 RC 100	24 mois 5 années	L 9 W 6 7/8 H 8 3/4	36		75DT ^{1C,6} 78DT ^{18,6} 34 ^{1B,6} 24 ⁶ 26 ^{1D}
		M-25	CCA 550 CA 685 RC 100	18 mois	L 9 W 6 7/8 H 8 3/4	36		
26		MT-26	CCA 525 CA 655 RC 85	24 mois 5 années	L 8 W 6 3/4 H 7 3/4	29		75DT ⁶
		M-26	CCA 500 CA 625 RC 85	18 mois	L 8 3/16 W 6 13/16 H 7 13/16	28		
26R		MT-26R	CCA 550 CA 675 RC 90	24 mois 5 années	L 8 1/4 W 6 3/4 H 7 3/4	28		75DT ⁶
		M-26R	CCA 450 CA 560 RC 85	18 mois	L 8 3/16 W 6 13/16 H 7 3/4	29		
27		MT-27	CCA 810 CA 1000 RC 140	24 mois 5 années	L 12 W 6 3/4 H 8 7/8	49		78DT ^{18,6} 34 ^{1B,6} 24 ⁶
		M-27	CCA 700 CA 875 RC 135	18 mois	L 12 W 6 13/16 H 8 7/8	49		

BORNES:  = Type A (automobile) Schémas - gracieuseté de Battery Council International (BCI)

GARANTIE: Voir page 179-180 pour plus de détails.

CARACTÉRISTIQUES NOMINALES: CCA (Cold Cranking Amps) Ampères au démarrage à froid - Énergie au démarrage pendant 30 secondes à 0° F (-17,7° C).

RC (Reserve Capacity) Capacité de réserve - Nombre de minutes de décharge de 25 ampères à 80° F (26,6° C).

CA (Cranking Amps) Ampères au démarrage - Énergie au démarrage pendant 30 secondes à 32° F (0° C). Approximations seulement; ne doit pas être confondue avec CCA.

***SUBSTITUTIONS:** Pour les notes en bas de page, voir page 178. **Clause de non-responsabilité:** Les seuls remplacements recommandés concernent les batteries indiquées dans la section Usages de ce manuel. Avec les substitutions, les installateurs doivent vérifier que les CCA et RC sont adéquats et doivent utiliser leur meilleur jugement relativement au dégagement du capot, au bon ajustement, à la longueur du câble, à la proximité des terminaux vers les composants sous le capot et à la polarité. Interstate Batteries se dégage de toute responsabilité pour les dommages subis à la suite de l'utilisation des renseignements de ce catalogue.

SPÉCIFICATIONS DES AUTOMOBILES • 12-VOLT

Taille du Groupe	Borne Figure BCI	Numéro de Pièce	Capacité	Garantie Mois gratuits Total des années	Dimen- sions (pouces)	Poids (lbs)	Notes	Substitutions de Groupes*
27F		MTP-27F	CCA 710 CA 890 RC 165	30 mois 6 années	L 12 W 6 3/4 H 8 7/8	49		24F ⁶ 34R ⁶
		M-27F	CCA 700 CA 875 RC 135	18 mois	L 12 W 6 13/16 H 8 7/8	50		
34		MTZ-34	CCA 800 CA 1000 RC 125	48 mois	L 10 13/16 W 6 3/4 H 7 3/4	47	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Poignée Livrée avec un adaptateur de hauteur ¹	
		MTX-34	CCA 740 CA 925 RC 115	36 mois	L 10 1/4 W 6 13/16 H 7 3/4	39	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Poignée	
		MTP-34	CCA 800 CA 1000 RC 110	30 mois 6 années	L 10 1/4 W 6 7/8 H 7 3/4	38		78DT ⁶ 75DT ⁶
		MT-34	CCA 700 CA 875 RC 120	24 mois 5 années	L 10 1/4 W 6 7/8 H 7 3/4	37		
		M-34HC	CCA 685 CA 855 RC 120	18 mois	L 10 1/4 W 6 13/16 H 7 7/8	37		
		M-34	CCA 540 CA 675 RC 90	18 mois	L 10 1/4 W 6 13/16 H 7 7/8	37		
34R		MTZ-34R	CCA 800 CA 1000 RC 125	48 mois	L 10 13/16 W 6 3/4 H 7 3/4	47	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Poignée Livrée avec un adaptateur de hauteur ¹	78DT ⁶ 26R ⁶
35		MTX-35	CCA 650 CA 800 RC 100	36 mois	L 9 1/16 W 6 13/16 H 8 7/8	42	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Poignée	
		MTP-35	CCA 640 CA 800 RC 100	30 mois 6 années	L 9 W 6 7/8 H 8 3/4	38		
		MT-35	CCA 550 CA 690 RC 100	24 mois 5 années	L 9 W 6 7/8 H 8 3/4	36		75DT ^{1C,6} 78DT ^{1B,6} 24F ⁶ 34R ^{1B,6}
		M-35HC	CCA 540 CA 675 RC 100	18 mois	L 9 W 7 H 8 7/8	35		
		M-35	CCA 450 CA 560 RC 80	18 mois	L 9 1/16 W 7 H 8 7/8	34		
36R		MT-36R	CCA 650 CA 810 RC 130	24 mois 5 années	L 10 3/8 W 7 1/4 H 8 7/8	40		34R ^{1A} 58R
40R		MT-40R	CCA 590 CA 740 RC 105	24 mois 5 années	L 10 13/16 W 6 7/8 H 6 7/8	34		91 42

BORNES: = Type A (automobile) Schémas - gracieuseté de Battery Council International (BCI)

GARANTIE: Voir page 179-180 pour plus de détails.

CARACTÉRISTIQUES NOMINALES: **CCA (Cold Cranking Amps) Ampères au démarrage à froid** - Énergie au démarrage pendant 30 secondes à 0° F (-17,7° C).

RC (Reserve Capacity) Capacité de réserve - Nombre de minutes de décharge de 25 ampères à 80° F (26,6° C).

CA (Cranking Amps) Ampères au démarrage - Énergie au démarrage pendant 30 secondes à 32° F (0° C). Approximations seulement; ne doit pas être confondue avec CCA.

***SUBSTITUTIONS:** Pour les notes en bas de page, voir page 178. **Clause de non-responsabilité:** Les seuls remplacements recommandés concernent les batteries indiquées dans la section Usages de ce manuel. Avec les substitutions, les installateurs doivent vérifier que les CCA et RC sont adéquats et doivent utiliser leur meilleur jugement relativement au dégagement du capot, au bon ajustement, à la longueur du câble, à la proximité des terminaux vers les composants sous le capot et à la polarité. Interstate Batteries se dégage de toute responsabilité pour les dommages subis à la suite de l'utilisation des renseignements de ce catalogue.

SPÉCIFICATIONS DES AUTOMOBILES • 12-VOLT

Taille du Groupe	Borne Figure BCI	Numéro de Pièce	Capacité	Garantie Mois gratuits Total des années	Dimensions (pouces)	Poids (lbs)	Notes	Substitutions de Groupes*
41		MT-41	CCA 650 CA 810 RC 110	24 mois 5 années	L 11 1/2 W 6 7/8 H 6 5/8	35		
42		MT-42	CCA 500 CA 625 RC 75	24 mois 5 années	L 9 5/8 W 7 H 6 3/4	28		91 42
50		C50-XHD	CCA 600 CA 750 RC 108	18 mois	L 13 1/4 W 5 H 8 3/4	44		
51		MT-51	CCA 500 CA 625 RC 85	24 mois 5 années	L 9 3/8 W 5 1/8 H 8 7/8	28		45
		M-51	CCA 425 CA 530 RC 75	18 mois	L 9 3/8 W 5 1/8 H 8 7/8	27		
51R		MT-51R	CCA 500 CA 625 RC 85	24 mois 5 années	L 9 3/8 W 5 1/8 H 8 7/8	28		
		M-51R	CCA 425 CA 530 RC 75	18 mois	L 9 3/8 W 5 1/16 H 8 3/4	27		
56		MT-56	CCA 590 CA 740 RC 95	24 mois 5 années	L 10 W 6 H 8 1/4	34	Livrée avec un adaptateur de hauteur ^{1D}	
58		MT-58	CCA 540 CA 675 RC 80	24 mois 5 années	L 9 1/2 W 7 1/4 H 6 7/8	28		
		M-58HC	CCA 550 CA 685 RC 80	18 mois	L 9 1/2 W 7 1/4 H 6 7/8	28		
		M-58	CCA 460 CA 575 RC 60	18 mois	L 10 1/16 W 7 3/16 H 7	28		
59		MT-59	CCA 590 CA 740 RC 100	24 mois 5 années	L 10 1/16 W 7 3/8 H 7 3/4	32		65 58

BORNES: = Type A (automobile) Schémas - gracieuseté de Battery Council International (BCI)

GARANTIE: Voir page 179-180 pour plus de détails.

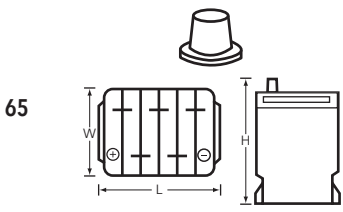
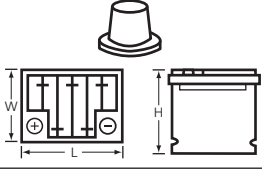
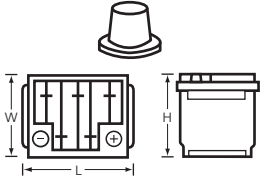
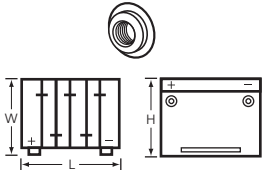
CARACTÉRISTIQUES NOMINALES: CCA (Cold Cranking Amps) Ampères au démarrage à froid - Énergie au démarrage pendant 30 secondes à 0° F (-17,7° C).

RC (Reserve Capacity) Capacité de réserve - Nombre de minutes de décharge de 25 ampères à 80° F (26,6° C).

CA (Cranking Amps) Ampères au démarrage - Énergie au démarrage pendant 30 secondes à 32° F (0° C). Approximations seulement; ne doit pas être confondue avec CCA.

***SUBSTITUTIONS:** Pour les notes en bas de page, voir page 178. **Clause de non-responsabilité:** Les seuls remplacements recommandés concernent les batteries indiquées dans la section Usages de ce manuel. Avec les substitutions, les installateurs doivent vérifier que les CCA et RC sont adéquats et doivent utiliser leur meilleur jugement relativement au dégageage du capot, au bon ajustement, à la longueur du câble, à la proximité des terminaux vers les composants sous le capot et à la polarité. Interstate Batteries se dégage de toute responsabilité pour les dommages subis à la suite de l'utilisation des renseignements de ce catalogue.

SPÉCIFICATIONS DES AUTOMOBILES • 12-VOLT

Taille du Groupe	Borne Figure BCI	Numéro de Pièce	Capacité	Garantie Mois gratuits Total des années	Dimen-sions (pouces)	Poids (lbs)	Notes	Substitutions de Groupes*
 <p>65</p>		MTZ-65	CCA 770 CA 965 RC 130	48 mois	L 11 13/16 W 7 3/16 H 7 3/8	50	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Poignée	
		MTX-65	CCA 750 CA 935 RC 120	36 mois	L 12 1/16 W 7 7/16 H 7 7/16	45	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Poignée	
		MTP-65HD	CCA 850 CA 1000 RC 150	30 mois 6 années	L 12 W 7 1/2 H 7 1/2	45		
		MTP-65	CCA 750 CA 940 RC 140	30 mois 6 années	L 11 3/4 W 7 3/8 H 7 5/8	45		
		MT-65	CCA 675 CA 845 RC 130	24 mois 5 années	L 12 W 7 1/2 H 7 1/2	41		
		M-65HC	CCA 850 CA 1000 RC 150	18 mois	L 11 3/8 W 7 1/2 H 7 1/2	45		
		M-65	CCA 650 CA 810 RC 130	18 mois	L 12 W 7 1/2 H 7 1/2	42		
		C65-XHD	CCA 750 CA 940 RC 140	18 mois	L 12 W 7 1/2 H 7 1/2	45	Poignée	
 <p>66</p>		MT-66	CCA 750 CA 940 RC 140	24 mois 5 années	L 12 1/16 W 7 7/16 H 7 11/16	46	Dessus plat Événement à orifice unique**	
 <p>67R</p>		MTP-67R	CCA 400 CA 500 RC 65	30 mois 6 années	L 9 1/8 W 6 13/16 H 6 13/16	25	Poignée	
 <p>75</p>		MTP-75	CCA 700 CA 875 RC 95	30 mois 6 années	L 9 W 7 1/4 H 7 5/8	32		75DT ⁶ 78DT ⁶ 70
		MT-75	CCA 650 CA 810 RC 93	24 mois 5 années	L 9 W 7 1/4 H 7 5/8	32		
		M-75HC	CCA 650 CA 810 RC 95	18 mois	L 9 W 7 1/4 H 7 5/8	31		
		M-75	CCA 550 CA 685 RC 80	18 mois	L 9 1/16 W 7 1/16 H 7 3/8	29		

BORNES:  = Type A (automobile)  = Type S - lateral (de côté) Schémas - gracieuseté de Battery Council International (BCI)

GARANTIE: Voir page 179-180 pour plus de détails.

CARACTÉRISTIQUES NOMINALES: CCA (Cold Cranking Amps) Ampères au démarrage à froid - Énergie au démarrage pendant 30 secondes à 0° F (-17,7° C).


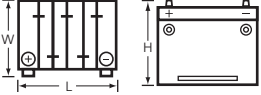

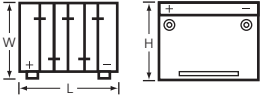

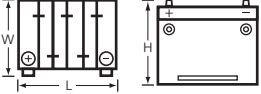

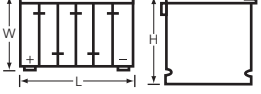

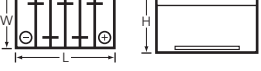
RC (Reserve Capacity) Capacité de réserve - Nombre de minutes de décharge de 25 ampères à 80° F (26,6° C).

CA (Cranking Amps) Ampères au démarrage - Énergie au démarrage pendant 30 secondes à 32° F (0° C). Approximations seulement; ne doit pas être confondue avec CCA.

***SUBSTITUTIONS:** Pour les notes en bas de page, voir page 178. **Clause de non-responsabilité:** Les seuls remplacements recommandés concernent les batteries indiquées dans la section Usages de ce manuel. Avec les substitutions, les installateurs doivent vérifier que les CCA et RC sont adéquats et doivent utiliser leur meilleur jugement relativement au dégagement du capot, au bon ajustement, à la longueur du câble, à la proximité des terminaux vers les composants sous le capot et à la polarité. Interstate Batteries se dégage de toute responsabilité pour les dommages subis à la suite de l'utilisation des renseignements de ce catalogue.

****Peut nécessiter un kit de ventilation.**

SPÉCIFICATIONS DES AUTOMOBILES • 12-VOLT

Taille du Groupe	Borne Figure BCI	Numéro de Pièce	Capacité	Garantie Mois gratuits Total des années	Dimen-sions (pouces)	Poids (lbs)	Notes	Substitutions de Groupes*
75/86DT	 	MTZ-75DT	CCA 715 CA 895 RC 90	48 mois	L 9 1/16 W 7 H 7 15/16	43	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Poignée	
		MTP-75DT	CCA 650 CA 810 RC 93	30 mois 6 années	L 9 1/2 W 7 1/4 H 8 3/8	34	Poignée	
		M-75DTHC	CCA 650 CA 810 RC 93	18 mois	L 9 1/2 W 7 1/4 H 8 3/8	32	Poignée	
		M-75DT	CCA 450 CA 560 RC 75	18 mois	L 9 1/2 W 7 1/4 H 8 3/8	29	Poignée	
78	 	MTZ-78	CCA 800 CA 1000 RC 125	48 mois	L 10 13/16 W 7 1/8 H 7 7/16	47	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Poignée	78DT [†] 75DT [†] 75 70
		MTX-78	CCA 740 CA 925 RC 115	36 mois	L 10 15/16 W 7 7/16 H 7 1/4	41	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Poignée	
		MTP-78	CCA 800 CA 1000 RC 110	30 mois 6 années	L 10 1/4 W 7 1/4 H 7 3/8	38		
		MT-78	CCA 700 CA 875 RC 120	24 mois 5 années	L 10 1/4 W 7 1/4 H 7 3/8	37		
		M-78	CCA 680 CA 850 RC 120	18 mois	L 10 1/4 W 7 1/16 H 7 7/16	37		
34/78DT	 	MTP-78DT	CCA 800 CA 1000 RC 115	30 mois 6 années	L 10 5/16 W 6 7/8 H 7 13/16	40	Poignée	34 34R 78
		M-78DT	CCA 780 CA 975 RC 115	18 mois	L 10 1/4 W 6 13/16 H 7 7/8	39		
		C78DT-XHD	CCA 800 CA 1000 RC 115	18 mois	L 10 5/16 W 6 7/8 H 7 13/16	40	Poignée	
79	 	MT-79	CCA 840 CA 1050 RC 140	24 mois 5 années	L 12 1/16 W 7 1/16 H 7 3/8	42	Dessus plat Évent à deux orifices**	
85	 	MT-85	CCA 625 CA 780 RC 95	24 mois 5 années	L 9 1/16 W 6 13/16 H 8	32		

BORNES:  = Type double  = Type S - lateral (de côté)  = Type A (automobile) Schémas - gracieuseté de Battery Council International (BCI)

GARANTIE: Voir page 179-180 pour plus de détails.

CARACTÉRISTIQUES NOMINALES: **CCA (Cold Cranking Amps) Ampères au démarrage à froid** - Énergie au démarrage pendant 30 secondes à 0° F (-17,7° C).

RC (Reserve Capacity) Capacité de réserve - Nombre de minutes de décharge de 25 ampères à 80° F (26,6° C).

CA (Cranking Amps) Ampères au démarrage - Énergie au démarrage pendant 30 secondes à 32° F (0° C). Approximations seulement; ne doit pas être confondue avec CCA.

***SUBSTITUTIONS:** Pour les notes en bas de page, voir page 178. **Clause de non-responsabilité:** Les seuls remplacements recommandés concernent les batteries indiquées dans la section Usages de ce manuel. Avec les substitutions, les installateurs doivent vérifier que les CCA et RC sont adéquats et doivent utiliser leur meilleur jugement relativement au dégagement du capot, au bon ajustement, à la longueur du câble, à la proximité des terminaux vers les composants sous le capot et à la polarité. Interstate Batteries se dégage de toute responsabilité pour les dommages subis à la suite de l'utilisation des renseignements de ce catalogue.

****Peut nécessiter un kit de ventilation.**

SPÉCIFICATIONS DES AUTOMOBILES • 12-VOLT

Taille du Groupe	Borne Figure BCI	Numéro de Pièce	Capacité	Garantie Mois gratuits Total des années	Dimensions (pouces)	Poids (lbs)	Notes	Substitutions de Groupes*
86		MTP-86	CCA 650 CA 810 RC 95	30 mois 6 années	L 9 1/16 W 6 7/8 H 8	32	Dessus plat	75DT ⁶ 26 ⁶
		MT-86	CCA 525 CA 655 RC 90	24 mois 5 années	L 9 1/16 W 6 7/8 H 8	31		
		M-86	CCA 520 CA 650 RC 90	18 mois	L 9 W 6 3/4 H 8	31		
96R		MTP-96R	CCA 590 CA 740 RC 95	30 mois 6 années	L 9 1/2 W 6 15/16 H 6 15/16	30		
		M-96R	CCA 500 CA 625 RC 90	18 mois	L 9 1/2 W 7 H 7	30		
101		MT-101	CCA 650 CA 810 RC 110	24 mois 5 années	L 10 1/4 W 7 1/16 H 6 11/16	36	Dessus plat Évent à deux orifices**	
121R		MT-121R	CCA 600 CA 750 RC 100	24 mois 5 années	L 9 3/8 W 5 1/8 H 8 7/8	31	Dessus plat	
124		MT-124	CCA 700 CA 875 RC 120	24 mois 5 années	L 10 3/8 W 7 H 8 5/8	40	Dessus plat	
124R		MTP-124R	CCA 700 CA 875 RC 120	30 mois 6 années	L 10 3/8 W 7 H 8 5/8	39	Dessus plat	
		M-124R	CCA 675 CA 840 RC 120	18 mois	L 10 3/8 W 7 H 8 5/8	40		
151R		MTP-151R	CCA 370 CA 465 RC 57	30 mois 6 années	L 7 7/16 W 4 15/16 H 8 7/8	23		

BORNES: = Type A (automobile) = Type S – lateral (de côté) Schémas – gracieuseté de Battery Council International (BCI)

GARANTIE: Voir page 179-180 pour plus de détails.

CARACTÉRISTIQUES NOMINALES: CCA (Cold Cranking Amps) Ampères au démarrage à froid – Énergie au démarrage pendant 30 secondes à 0° F (-17,7° C).

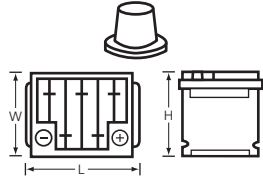
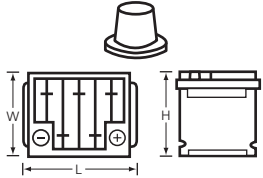
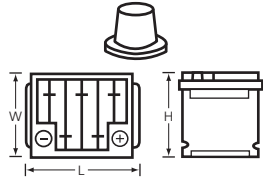
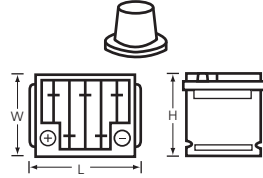
RC (Reserve Capacity) Capacité de réserve – Nombre de minutes de décharge de 25 ampères à 80° F (26,6° C).

CA (Cranking Amps) Ampères au démarrage – Énergie au démarrage pendant 30 secondes à 32° F (0° C). Approximations seulement; ne doit pas être confondue avec CCA.

***SUBSTITUTIONS:** Pour les notes en bas de page, voir page 178. **Clause de non-responsabilité:** Les seuls remplacements recommandés concernent les batteries indiquées dans la section Usages de ce manuel. Avec les substitutions, les installateurs doivent vérifier que les CCA et RC sont adéquats et doivent utiliser leur meilleur jugement relativement au dégagement du capot, au bon ajustement, à la longueur du câble, à la proximité des terminaux vers les composants sous le capot et à la polarité. Interstate Batteries se dégage de toute responsabilité pour les dommages subis à la suite de l'utilisation des renseignements de ce catalogue.

****Peut nécessiter un kit de ventilation.**

SPÉCIFICATIONS DES AUTOMOBILES • 12-VOLT

Taille du Groupe	Borne Figure BCI	Numéro de Pièce	Capacité	Garantie Mois gratuits Total des années	Dimensions (pouces)	Poids (lbs)	Notes	Substitutions de Groupes*
H4 (140R)		MTP-H4	CCA 470 CA 585 RC 74 Ah 52	30 mois 6 années	L 8 1/8 W 6 7/8 H 7 1/2	35	Poignée Évent à deux orifices**	
H5 (47)		MTX-47/H5	CCA 650 CA 750 RC 100 Ah 60	36 mois	L 9 1/16 W 6 15/16 H 7 1/2	39	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Poignée Évent à deux orifices**	
		MT-47/H5	CCA 650 CA 810 RC 100 Ah 54	24 mois 5 années	L 9 1/16 W 6 15/16 H 7 1/2	33	Poignée Évent à deux orifices**	
		M-47/H5	CCA 630 CA 785 RC 100 Ah 54	18 mois	L 9 1/16 W 6 15/16 H 7 1/2	33	Poignée, Évent à deux orifices**	
H6 (48)		MTZ-48/H6	CCA 730 CA 915 RC 130 Ah 70	48 mois	L 10 15/16 W 6 7/8 H 7 1/2	48	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Poignée Évent à deux orifices**	
		MTX-48/H6	CCA 760 CA 950 RC 120 Ah 70	36 mois	L 10 15/16 W 6 7/8 H 7 1/2	45	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Double poignée Évent à deux orifices**	
		MTP-48/H6	CCA 730 CA 910 RC 115 Ah 70	30 mois 6 années	L 11 W 6 15/16 H 7 1/2	39	Poignée Évent à deux orifices**	
		MT-48/H6	CCA 615 CA 770 RC 95 Ah 50	24 mois 5 années	L 10 15/16 W 6 7/8 H 7 1/2	35	Poignée Évent à deux orifices**	
		M-48/H6	CCA 610 CA 760 RC 95 Ah 50	18 mois	L 10 7/8 W 6 15/16 H 7 1/2	35	Poignée Évent à deux orifices**	
H6R (148)		MTP-H6R	CCA 600 CA 750 RC 110 Ah 74	30 mois 6 années	L 11 W 6 7/8 H 7 3/8	48	Double poignée Évent à deux orifices**	

BORNES:  = Type A (automobile) Schémas - gracieuseté de Battery Council International (BCI)

GARANTIE: Voir page 179-180 pour plus de détails.

CARACTÉRISTIQUES NOMINALES: **CCA (Cold Cranking Amps) Ampères au démarrage à froid** - Énergie au démarrage pendant 30 secondes à 0° F (-17,7° C).

RC (Reserve Capacity) Capacité de réserve - Nombre de minutes de décharge de 25 ampères à 80° F (26,6° C).

CA (Cranking Amps) Ampères au démarrage - Énergie au démarrage pendant 30 secondes à 32° F (0° C). Approximations seulement; ne doit pas être confondue avec CCA.

***SUBSTITUTIONS:** Pour les notes en bas de page, voir page 178. **Clause de non-responsabilité:** Les seuls remplacements recommandés concernent les batteries indiquées dans la section Usages de ce manuel. Avec les substitutions, les installateurs doivent vérifier que les CCA et RC sont adéquats et doivent utiliser leur meilleur jugement relativement au dégagement du capot, au bon ajustement, à la longueur du câble, à la proximité des terminaux vers les composants sous le capot et à la polarité. Interstate Batteries se dégage de toute responsabilité pour les dommages subis à la suite de l'utilisation des renseignements de ce catalogue.

****Peut nécessiter un kit de ventilation.**

SPÉCIFICATIONS DES AUTOMOBILES • 12-VOLT

Taille du Groupe	Borne Figure BCI	Numéro de Pièce	Capacité	Garantie Mois gratuits Total des années	Dimensions (pouces)	Poids (lbs)	Notes	Substitutions de Groupes*
H7 (94R)		MTX-94R/H7	CCA 850 CA 1000 RC 140 Ah 80	36 mois	L 12 3/8 W 6 7/8 H 7 1/2	52	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Double poignée Évent à deux orifices**	
		MTP-94R/H7	CCA 790 CA 985 RC 130 Ah 80	30 mois 6 années	L 12 3/8 W 6 7/8 H 7 1/2	43	Poignée Évent à deux orifices**	
		M-94R/H7	CCA 750 CA 935 RC 130 Ah 80	18 mois	L 12 7/16 W 6 15/16 H 7 1/2	43	Poignée Évent à deux orifices**	
H8 (49)		MTX-49/H8	CCA 900 CA 1000 RC 160 Ah 95	36 mois	L 13 15/16 W 6 7/8 H 7 1/2	59	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Double poignée Évent à deux orifices**	
		MTP-49/H8	CCA 730 CA 910 RC 175 Ah 100	30 mois 6 années	L 13 15/16 W 6 7/8 H 7 1/2	50	Poignée Évent à deux orifices**	
		MT-49/H8	CCA 900 CA 1000 RC 150 Ah 80	24 mois 5 années	L 13 15/16 W 6 15/16 H 7 1/2	48	Poignée Évent à deux orifices**	
		M-49/H8	CCA 850 CA 1000 RC 150 Ah 80	18 mois	L 13 15/16 W 6 15/16 H 7 1/2	48	Poignée Évent à deux orifices**	
H9 (95R)		MTX-95R/H9	CCA 950 CA 1000 RC 190 Ah 100	36 mois	L 15 7/16 W 6 15/16 H 7 1/2	65	AGM (Absorbed glass-mat) Fibre de verre imprégnée d'électrolyte Double poignée Évent à deux orifices**	
		MTP-95R/H9	EN 850 CA 1000 RC 180 Ah 110	30 mois 6 années	L 15 7/16 W 6 15/16 H 7 1/2	64	Double poignée Évent à deux orifices**	
401		MTX-AUX12	Ah 12	12 mois	L 5 7/8 W 3 7/16 H 5 1/8	9	AGM (Absorbed Glass-Mat)	
400		MTX-AUX14	Ah 14	12 mois	L 5 7/8 W 3 7/16 H 5 3/4	10	AGM (Absorbed Glass-Mat)	
T4 (99R)		MTP-T4	CCA 470 CA 585 RC 70	30 mois 6 années	L 8 7/8 W 6 7/8 H 6 7/8	27	Évent à deux orifices**	
T5 (90)		MTP-90/T5	CCA 600 CA 750 RC 100 Ah 56	30 mois 6 années	L 9 9/16 W 6 15/16 H 6 15/16	32	Poignée Évent à deux orifices**	47 ⁶

BORNES: = Type A (automobile) = Sports Motrisés 4 Schémas - gracieuseté de Battery Council International (BCI)

GARANTIE: Voir page 179-180 pour plus de détails.

CARACTÉRISTIQUES NOMINALES: **CCA (Cold Cranking Amps) Ampères au démarrage à froid** - Énergie au démarrage pendant 30 secondes à 0° F (-17,7° C).

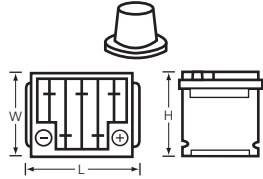
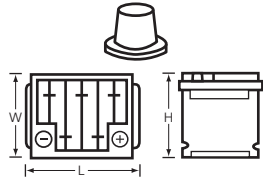
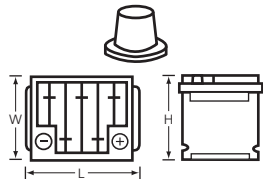
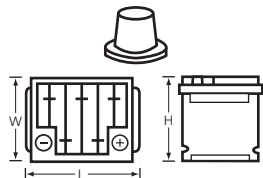
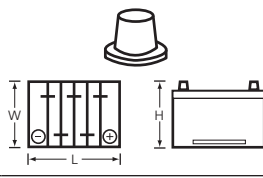
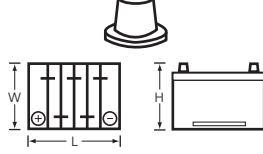
RC (Reserve Capacity) Capacité de réserve - Nombre de minutes de décharge de 25 ampères à 80° F (26,6° C).

CA (Cranking Amps) Ampères au démarrage - Énergie au démarrage pendant 30 secondes à 32° F (0° C). Approximations seulement; ne doit pas être confondue avec CCA.

***SUBSTITUTIONS:** Pour les notes en bas de page, voir page 178. **Clause de non-responsabilité:** Les seuls remplacements recommandés concernent les batteries indiquées dans la section Usages de ce manuel. Avec les substitutions, les installateurs doivent vérifier que les CCA et RC sont adéquats et doivent utiliser leur meilleur jugement relativement au dégagement du capot, au bon ajustement, à la longueur du câble, à la proximité des terminaux vers les composants sous le capot et à la polarité. Interstate Batteries se dégage de toute responsabilité pour les dommages subis à la suite de l'utilisation des renseignements de ce catalogue.

****Peut nécessiter un kit de ventilation.**

SPÉCIFICATIONS DES AUTOMOBILES • 12-VOLT

Taille du Groupe	Borne Figure BCI	Numéro de Pièce	Capacité	Garantie Mois gratuits Total des années	Dimensions (pouces)	Poids (lbs)	Notes	Substitutions de Groupes*
T6 (91)		MT-91/T6	EN 590 Ah 60	24 mois 5 années	L 10 15/16 W 6 7/8 H 6 7/8	37	Double poignée Dessus plat Évent à deux orifices**	
T7 (92)		MT-92/T7	EN 720 Ah 80	24 mois 5 années	L 12 3/8 W 6 7/8 H 6 7/8	45	Double poignée Dessus plat Évent à deux orifices**	
T8 (93)		MT-93/T8	EN 800 Ah 90	24 mois 5 années	L 13 15/16 W 6 7/8 H 6 7/8	51	Double poignée Dessus plat Évent à deux orifices**	
V4 (102R)		MTP-V4	EN 520 Ah 35	30 mois 6 années	L 8 1/8 W 6 7/8 H 5 5/16	24	Évent à deux orifices**	
46A24L		MT-MX-5	CCA 370 CA 465 RC 45	24 mois 5 années	L 7 1/2 W 5 H 6 1/2	21	Évent à orifice unique**	
46B24R		MTX-S46B24R	CCA 410 CA 510 RC 75	36 mois	L 9 5/16 W 5 1/16 H 8 1/4	29		

BORNES:  = Type A (automobile) Schémas - gracieuseté de Battery Council International (BCI)

GARANTIE: Voir page 179-180 pour plus de détails.

CARACTÉRISTIQUES NOMINALES: **CCA (Cold Cranking Amps) Ampères au démarrage à froid** - Énergie au démarrage pendant 30 secondes à 0° F (-17,7° C).

RC (Reserve Capacity) Capacité de réserve - Nombre de minutes de décharge de 25 ampères à 80° F (26,6° C).

CA (Cranking Amps) Ampères au démarrage - Énergie au démarrage pendant 30 secondes à 32° F (0° C). Approximations seulement; ne doit pas être confondue avec CCA.

***SUBSTITUTIONS:** Pour les notes en bas de page, voir page 178. **Clause de non-responsabilité:** Les seuls remplacements recommandés concernent les batteries indiquées dans la section Usages de ce manuel. Avec les substitutions, les installateurs doivent vérifier que les CCA et RC sont adéquats et doivent utiliser leur meilleur jugement relativement au dégagement du capot, au bon ajustement, à la longueur du câble, à la proximité des terminaux vers les composants sous le capot et à la polarité. Interstate Batteries se dégage de toute responsabilité pour les dommages subis à la suite de l'utilisation des renseignements de ce catalogue.

****Peut nécessiter un kit de ventilation.**

ABRÉVIATIONS

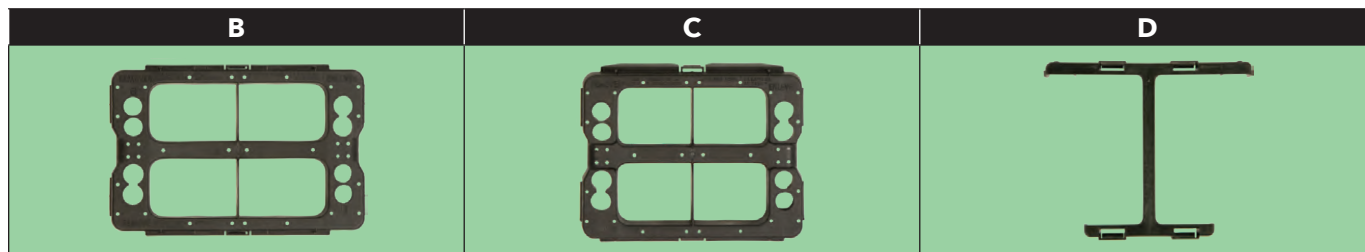
2V	2 soupapes par cylindre	HP	Chevaux
4V	4 soupapes par cylindre	HSC	Combustion haute turbulence (chambre)
2WD	2 roues motrices	Htr	Réchauffeur
4WD	4 roues motrices	HWS	Pare-brise chauffant
AC	Climatisation	Hyb	Hybride
AGM	Mat de verre absorbé	Ign	Allumage
Ah	Ampère-heure	IHC	International Harvester Co.
Alt	Substitut	Incl	Incluant
AT	Boîte de vitesses automatique	Ind	Industriel
Aux	Auxiliaire	L	Litre
AWD	Toutes roues motrices	L4/L5/L6	Moteur 4, 5 ou 6 cylindres en ligne
Bat	Batterie	Lft	Gauche
BCI	Battery Council International	LPG	Gaz de pétrole liquéfiés
CA	(Cranking Amps) Ampères au démarrage	MFI	Injection multipoint de carburant
Calif	Californie	Modif	Modifié
Can	Canada	MT	Boîte de vitesses manuelle
Carb	Carburateur	MY	Année modèle
CFI	Injection centrale de carburant	N/A	Non disponible
cc	Centimètre cube	No.	Numéro
CCA	(Cold Cranking Amps) Ampères de démarrage à froid (0° F)	OE	Équipement d'origine
CDI	Injection directe courante	OHC	Came en tête
ci	Pouce cube	OHV	Soupape en tête
Comp	Compression	Opt	En option
Cont	Continental	Pkg	Ensemble
Conv	Décapotable	PPkg	Options police
CVT	Transmission à variation continue	PS	Servodirection
Cyl	Cylindre	PTO	Prise de force
DES	Démarrage à injection directe	RC	(Reserve Capacity) Capacité de réserve
DIN	Deutsche Institut Für Normung	RRC	(Repetitive Reserve Cycles) Cycles répétitifs de réserve
DOHC	Double arbre à cames en tête	Rt	Droite
Dsl	Diesel	RWD	Traction arrière
DT	Borne double	S/C	Avec suralimentation
EFB	Batterie à électrolyte liquide, améliorée	SEO	Option électrique spécial
EFI	Injection électronique de carburant	SG	Insonorisation
ELWB	Empattement extra long	SHO	Super grande capacité
Eng	Moteur	SOHC	Arbre à cames en tête simple
ETR	Radio à syntonisation électronique	Std	De série
Ex	Sauf	SULEV	Véhicule à émissions super ultra faibles
Fig	Figure	TBI	Injection monopoint
FI	Injection de carburant	TDI	Turbo à injection directe
Fla	Floride	US	États-Unis
FWD	Traction avant	V	Pavillon d'aspiration
GVW	Poids brut du véhicule	TTPkg	Ensemble de remorquage
HBL	Éclairage arrière chauffé (dégivreur de lunette arrière)	Turbo	Avec turbocompresseur
HA	Haute altitude	w/	Avec
HD	Service intense	w/o	Sans
HO	Grande puissance	Wisc	Wisconsin

RÉFÉRENCE DE BAS DE PAGE

1B. Peut nécessiter l'adaptateur de hauteur B.
Pièce #358310

1C. Peut nécessiter l'adaptateur de hauteur C.
Pièce #358200

1D. Peut nécessiter l'adaptateur de hauteur D.
Pièce #358100



Avis: Pour le remplacement recommandé des batteries, consultez le guide d'application des batteries seulement sous la section indiquée du guide de remplacement des batteries. En cas de substitution, le technicien doit vérifier la CCA et la RC les spécifications du fabricant et également faire preuve de jugement afin de déterminer le dégagement entre la batterie et le capot, le positionnement de la batterie, la longueur des câbles, la proximité des bornes aux composants du capot et la polarité. Interstate Batteries rejette toute responsabilité pour les dommages pouvant résulter de l'utilisation de l'information contenue dans les présentes.

1. Un adaptateur de hauteur pourrait être nécessaire.
2. Deux batteries peuvent être nécessaires.
3. Trois batteries peuvent être nécessaires.
4. Quatre batteries peuvent être nécessaires.
5. Estimation d'ajustement optimal.
6. Vérifiez la hauteur (dégagement du capot), l'espace du plateau et l'ajustement du mécanisme de retenue. Vérifiez la polarité avant de connecter les câbles.
7. Vérifiez la polarité avant de connecter les câbles.
8. Un seul événement.
9. Batterie de remplacement recommandée par le fabricant illustrée. Peut différer de la batterie d'origine.
10. Une modification du dispositif de retenue ou d'écran thermique peut s'avérer nécessaire.
11. La batterie d'origine comporte des événements de vidange.
12. La batterie d'origine comporte des bornes de type F. Les câbles doivent être modifiés ou changés pour utiliser une batterie de remplacement.
14. Polarité inversée. Vérifiez avant l'installation.
15. La polarité varie selon la production. Certains véhicules peuvent nécessiter une batterie de groupe 26R. Vérifiez avant l'installation.
16. Nécessite des bouchons d'aération individuels afin d'obtenir un dégagement adéquat du capot. Pas des batteries avec des bouchons d'aération fusiformes.
17. Option de batterie pour climat chaud uniquement. Pourrait ne pas respecter les exigences de fabrication d'origine.
18. Les véhicules I-Drive nécessitent une réinitialisation du système, après l'installation de la nouvelle batterie, qui nécessite un outil spécialisé BMW.
19. Consultez l'information sur l'entretien du fabricant pour la modification.
20. Certains modèles nécessitent une batterie du groupe 91. Vérifiez la batterie d'origine.
21. Certains véhicules nécessitent une batterie du groupe 35. Vérifiez la polarité avant l'installation.
22. 12 volts spéciale: 9 5/8 po (224,5 mm) x 6 7/8 po (174,6 mm) x 7 1/8 po (192,1 mm). Vérifiez la polarité avant l'installation.
23. 12 volts spéciale: 10 po (254 mm) x 6 1/8 po (154 mm) x 8 3/8 po (213 mm). Vérifiez la polarité avant l'installation.
24. 12 volts spéciale: 14 1/8 po (379,4 mm) x 6 3/4 po (171,5 mm) x 7 3/8 po (187,3 mm).
26. 12 volts spéciale: 9 3/4 po (247,7 mm) x 5 po (127 mm) x 7 1/2 po (190,5 mm). La batterie est aérée à l'extérieur du véhicule.
27. 12 volts spéciale: 9 7/8 po (250,8 mm) x 6 1/8 po (169 mm) x 3 1/8 po (93,7 mm).
28. 12 volts spéciale: 9 1/8 po (242,9 mm) x 6 1/8 po (173 mm) x 6 1/8 po (169,9 mm).
30. 12 volts spéciale: 9 po (228,6 mm) x 7 1/4 po (184,1 mm) x 7 1/2 po (190,5 mm).
31. Batterie à cycle profonde spéciale.
33. Batterie AGM avec valve de régulation.
34. Batterie à stabilité vibrationnelle.
35. Support sans poignée.
40. La batterie est encastrée dans une "boîte de refroidissement actif" avec un col d'entrée d'air à l'extérieur du compartiment-moteur.
41. Utilise une batterie pour motocyclette. Aucun équivalent BCI.
42. Mêmes dimensions que les batteries du groupe 27 mais utilise des bornes de type X.
43. La batterie d'origine. Comporte un emplacement de bornes non standard. Peut nécessiter des modifications au niveau des câbles.
44. S/ HBL mais avec RSE, ensemble ordinateur de bord ou centre de message audio.
45. Groupe de taille non BCI.
47. La batterie recommandée pour ce véhicule est basée sur Ah et non CCA.
48. Pourrait ne pas respecter les exigences de l'équipement d'origine.
49. La trousse d'entretoise de batterie est nécessaire pour certains modèles.
50. La batterie est aérée vers l'extérieur du véhicule.
51. La batterie peut nécessiter un tuyau d'événement.
52. Utiliser avec l'adaptateur Land Rover AMR3679S, des brides AMR3679 et des boulons en J AMR3681.
53. Utiliser avec l'adaptateur Land Rover AMR3679S.
54. L'ICEDF est une valeur nominale NE (Norme Européenne).
55. Le système informatique du véhicule doit être réinitialisé. Contacter votre spécialiste de service.
56. Batteries de divers groupes utilisées dans la production.
57. Les modèles (2008 et 2009) avec des radios « MyGig » REN ou REZ exigent que le fusible d'alimentation pour la radio soit retiré avant de déconnecter la batterie Voir la procédure de service 08-003-09 de Chrysler.
58. Les codes de production sont indiqués sur une étiquette située près du pneu de secours ou dans le livret de la garantie.
59. Batterie à électrolyte liquide améliorée (EFB)
60. Batterie au lithium-ion seulement
61. Avec capteur

● Véhicule avec AGM d'équipementier ou charges élevées d'accessoires Batterie AGM exigée ou recommandée

● Véhicule à charge potentiellement élevée d'accessoires comme un véhicule européen importé, nord-américain de luxe, VUS, multiségment ou minifourgonnette.

Interstate Batteries' Limited Warranty–Canada

(effective on batteries purchased December 1, 2020 or later)

Important: Keep this Limited Warranty and sales receipt in glove compartment.

What Batteries Are Covered

Interstate Batteries' (IB) provides this limited warranty to (1) the original retail purchaser, (2) of the Interstate Batteries branded battery models listed in the Chart below, (3) when purchased from an IB Authorized Dealer or an All Battery Center Store in Canada.

IB's Performance Warranty

IB warrants that your battery is free of defects in material and workmanship for the duration of the warranty periods listed for your battery model in the Chart below. IB's Performance Warranty has a Free Replacement Period, and some battery models have an additional Discount Period. If your battery fails due to a defect during the Free Replacement Period, you may obtain a free replacement battery. If your battery also has a Discount Period and fails due to a defect during that Discount Period, you may purchase a replacement battery at a discounted price. Your discounted price will be IB's Suggested Retail Price (SRP) for your replacement battery model at the time you return your original battery, minus a percentage discount as shown on the Chart below. Any replacement battery you obtain under this Performance Warranty must be identical or reasonably equivalent to your original battery.

To find IB's SRP for your replacement battery model when you return your original battery, ask your dealer or check IB's website at www.interstatebatteries.com. The SRP in effect on the date you return your original battery will not be the same price you paid for your original battery, and the SRP may be different than the dealer's actual selling price for your replacement battery. In some cases, dealers may have different pricing structures and voluntarily offer to sell you a replacement battery during the Discount Period for a lower price. **You will still need to pay any taxes and legislatively imposed fees on your replacement battery, and you may also need to pay labor and installation charges.** Any warranty coverage that remains on your original battery (when you return it for a replacement battery under this Performance Warranty) will carry over to your replacement battery. Your replacement battery will not have any new or separate warranty coverage.

What You Must Do

To obtain a replacement battery, you must present your original battery to an IB Authorized Warranty Dealer or All Battery Center Store that has an appropriate replacement battery in stock. That dealer will have a reasonable time to test your original battery and, if defective, replace it according to the terms of this limited warranty. To find the IB Authorized Warranty Dealer or All Battery Center Store nearest you, and to get the phone number of that dealer or store, visit www.interstatebatteries.com, or call 1.888.772.3600 for Automotive, Commercial, Marine/RV, Golf Car, Powersports and Lawn & Garden batteries.

Date of Purchase

Your Performance Warranty begins on your date of purchase and extends for the number of months shown on the Chart below. You may establish your date of purchase by presenting the receipt for the purchase of your original battery. Otherwise, your dealer will estimate your date of purchase from the manufacturers code on each battery.

Performance Warranty Periods Chart (subject to limitations)* (for batteries below with "Interstate Batteries" prominently displayed on the label)													
Free Replacement Warranty Period	Year:	1		2		3		4		5		6	
Discount Period	Months:	1-6	7-12	13-18	19-24	25-30	31-36	37-42	43-48	49-54	55-60	61-66	67-72
Automotive*: Models that begin with "M"		Free				No Coverage							
Automotive*: Models that begin with "MT"		Free				45% off SRP		25% off SRP		10% off SRP			
Automotive*: Models that begin with "MTP"		Free				45% off SRP				25% off SRP			
Automotive*: Models that begin with "MTX"		Free											
Automotive*: Models that begin with "MTX-AUX"		Free											
Automotive*: Models that begin with "MTZ"		Free											
Commercial: Models that begin with "M-31" or "31-AGM5"		Free											
Commercial: Models that begin with "C," "29H," or "31"		Free											
Commercial*: Models "31-AGM7" or "31P-AGM7"		Free											
Marine/RV: M-24DC-12 and models that begin with "HD," "24M," "27M" or "SRM," (not including "24M-EFB," "27M-EFB" or "SRM-4D")		Free		No Coverage									
Marine/RV*: Models "31M-AGM" and "34M-AGM"		Free											
Marine/RV*: Models "24M-AGM-A," "31M-AGM-A," "24M-EFB" and "27M-EFB"		Free											
Golf Car/Industrial (6V, 8V, 12V) and RV: Models that begin with "GC2," "GC8," "GC12" (not including models that begin with "GC2HC" or "GC2XHD") or "M"		Free											
Mobility (Wheelchair): Models that begin with "DCM" and "DCL"		Free											
All other Interstate Batteries branded battery models not listed above within the following product lines: Powersports, Lawn & Garden, Commercial, Marine/RV, and Golf Car		Free											

* WARNING—How you use your "Automotive," "Commercial" or "Marine" battery can shorten your Warranty Period.

If you use your "Automotive" battery in (a) a vehicle used for commercial purposes, (b) a truck over one ton, or (c) a vehicle with a diesel engine (other than a passenger automobile or a pickup truck used for personal purposes), your warranty coverage will be limited to a one-year Free Replacement Period, **unless it is an "Automotive" Model MTZ battery**, in which case your coverage will be limited to a two-year Free Replacement Period.

If you use your "Commercial" "31-AGM7" or "31P-AGM7" Models in (a) an Auxiliary Power Unit (APU) or (b) other non engine start applications, your warranty coverage will be limited to a two-year Free Replacement Period.

If you use your "Marine/RV" Models "31M-AGM" or "34M-AGM" in applications other than Marine/RV or for cycling use, your warranty coverage will be limited to a two-year Free Replacement Period.

If you use your "Marine/RV" Models "24M-AGM-A," "31M-AGM-A," "24M-EFB" or "27M-EFB" in applications other than Marine/RV, your warranty coverage will be limited to an 18-month Free Replacement Period.

Warranty Exclusions and Limitations of Remedy: This limited warranty does not cover:

- Batteries that are merely discharged; or
- Batteries that are damaged due to abuse, neglect, misuse, overcharging, alteration, improper installation, use of special additives, unauthorized attempt to repair, or failure to keep the battery properly maintained; or
- Batteries that are damaged due to abuse, neglect, misuse, fire, accident, collision, explosion, freezing, or theft. This limited warranty controls all contractual warranty claims. IB makes no other express warranties.

Some Limitations May Not Apply in Particular Jurisdictions: Some Provinces may not allow certain provisions of this limited warranty, so these provisions may not apply to you. No provision is intended to limit, modify, take away from, disclaim, or exclude any mandatory warranty requirements provided by any Province, unless permitted by that Province's law or federal law. This warranty gives you specific legal rights, and you may also have other legal rights, which vary from Province to Province.

Severability: If any provision of this limited warranty is held unenforceable, all remaining provisions of this limited warranty shall remain in full force and effect.

Contact

For more information on this limited warranty, contact: Interstate Batteries, Customer Service, 12770 Merit Drive, Suite 300, Dallas, Texas 75251. You may also contact IB by phone at 1.888.772.3600 or visit www.interstatebatteries.com.

Garantie limitée Interstate Batteries – Canada

(applicable aux batteries achetées le 1 décembre 2020 ou plus retard)

Important : Conservez cette garantie limitée et votre reçu de caisse dans la boîte à gants de votre véhicule.

Types de batteries couvertes

Interstate Batteries® (IB) donne cette garantie limitée (1) à l'acheteur au détail original (2) des batteries de marque Interstate Batteries indiquées dans le tableau ci-dessous (3) lorsqu'elles sont achetées d'un détaillant IB autorisé ou d'une succursale All Battery Center située au Canada.

Garantie de performance IB

IB garantit que votre batterie sera exempte de défaut de matériel et de fabrication pendant la durée de la garantie correspondant au modèle de votre batterie dans le tableau ci-dessous. La garantie de performance IB comporte une période de remplacement gratuit; d'autres modèles présentent une période de rabais supplémentaire. Si votre batterie cesse de fonctionner à cause d'un défaut pendant la période de remplacement gratuit, vous aurez droit à une batterie de rechange gratuitement. Si votre batterie comporte aussi une période de rabais durant laquelle elle cesse de fonctionner à cause d'un défaut, vous pourrez acheter une batterie de rechange à un prix réduit. Ce prix sera égal au prix de détail suggéré (PDS) par IB pour le modèle de votre batterie de rechange, au moment du retour de la batterie d'origine, moins un pourcentage de rabais tel qu'indiqué dans le tableau ci-dessous. Toute batterie de rechange que vous obtiendrez sous cette garantie de performance doit être identique ou raisonnablement équivalente à votre batterie d'origine.

Pour obtenir le PDS par IB pour le modèle de votre batterie de rechange, consultez votre détaillant. Le PDS en vigueur à la date du retour de la batterie d'origine sera différent du prix que vous avez payé à l'achat; il est également possible que le PDS diffère du prix de vente du détaillant pour votre batterie de rechange. Dans certains cas, les détaillants peuvent avoir des structures de prix différentes et vous offrir une batterie de rechange pendant la période de rabais à un prix inférieur. **Vous devez quand même payer toutes les taxes et tous les frais applicables pour votre batterie de rechange et vous devez peut-être également couvrir les frais de main-d'œuvre et d'installation.** Toute couverture de garantie résiduelle pour votre batterie d'origine (lorsque vous l'échangez dans le cadre de cette garantie de performance) sera transférée à votre batterie de rechange. Votre batterie de rechange n'aura aucune couverture de garantie nouvelle ou distincte.

Procédure requise

Pour obtenir une batterie de rechange, vous devez présenter votre batterie d'origine à un détaillant autorisé IB ou à une succursale All Battery Center qui a un modèle de rechange approprié en stock. Ce détaillant devra bénéficier d'un délai raisonnable pour tester votre batterie d'origine et, si elle est défectueuse, la remplacer selon les conditions de la présente garantie limitée. Pour trouver le détaillant autorisé IB ou la succursale All Battery Center le plus près de chez vous et en obtenir le numéro de téléphone, visitez le www.interstatebatteries.com ou composez le 1.888.772.3600 pour les batteries de automobile, usage commercial, Marine/VR, voiturette de golf, et jardin et pelouse.

Date d'achat

La garantie de performance commence le jour de l'achat et demeure en vigueur pendant le nombre de mois indiqué dans le tableau ci-dessous. Pour établir la date de l'achat, on peut présenter le reçu de l'achat de la batterie d'origine. Sinon, le concessionnaire estimera la date de l'achat du code du fabricant sur chaque batterie.

Durée de la garantie de performance (sujette à certaines restrictions)* (pour les batteries ci-dessous avec le nom « Interstate Batteries » bien en vue sur l'étiquette)													
Période de garantie de remplacement gratuit	Année :	1	2	3	4	5	6						
Période de rabais	Mois :	1 à 6	7 à 12	13 à 18	19 à 24	25 à 30	31 à 36	37 à 42	43 à 48	49 à 54	55 à 60	61 à 66	67 à 72
Automobile* : Modèles commençant par « M »		Gratuit		Aucune couverture									
Automobile* : Modèles commençant par « MT »		Gratuit		45 % de rabais sur le PDS		25 % de rabais sur le PDS		10 % de rabais sur le PDS					
Automobile* : Modèles commençant par « MTP »		Gratuit			45 % de rabais sur le PDS			25 % de rabais sur le PDS		10 % de rabais sur le PDS			
Automobile* : Modèles commençant par « MTX »		Gratuit											
Automobile* : Modèles commençant par « MTX-AUX »		Gratuit											
Automobile* : Modèles commençant par « MTZ »		Gratuit											
Usage commercial : Modèles commençant par « M-31 » ou « 31-AGM5 »		Gratuit											
Usage commercial : Modèles commençant par « C », « 29H » ou « 31 »		Gratuit											
Usage commercial* : Modèles « 31-AGM7 » ou « 31P-AGM7 »		Gratuit											
Marine/VR : « M-24DC-12 » ou Modèles marins commençant par « HD », « 24M », « 27M » ou « SRM » (« SRM-4D » non compris)		Gratuit		Aucune couverture									
Marine/VR* : Modèles « 31M-AGM » et « 34M-AGM »		Gratuit											
Marine/VR* : Modèles « 24M-AGM-A », « 31M-AGM-A », « 24M-EFB » ou « 27M-EFB »		Gratuit											
Voiturette de golf/usage industriel (6 V, 8 V, 12 V) et VR : Modèles commençant par « GC2 », « GC8 », « GC12 » (excluant modèles commençant par « GC2HC » ou « GC2XHD ») ou « M »		Gratuit											
Mobilité (fauteuil roulant) : Modèles commençant par « DCM » et « DCL »		Gratuit											
Toutes les autres modèles de batterie de marque Interstate Batteries non indiqués ci-dessous dans les gammes de produits suivantes : Sports motorisés, pelouse et jardin, usage commercial, marine/VR et voiturette de golf		Gratuit											

* AVERTISSEMENT – Votre façon d'utiliser votre batterie « automobile » « usage commercial » ou « marine/VR » peut raccourcir la durée de votre garantie.

Si vous utilisez votre batterie « automobile » dans (a) un véhicule utilisé à des fins commerciales, (b) un camion pesant plus d'une tonne ou (c) un véhicule avec un moteur diesel (autre qu'une automobile ou une camionnette utilisée à des fins personnelles), votre garantie sera limitée à un remplacement gratuit pendant un an, **sauf s'il s'agit d'une batterie « automobile » de modèle MTZ**; dans un tel cas, votre garantie sera limitée à un remplacement gratuit pendant deux ans.

Si vous utilisez vos modèles « commerciaux » « 31-AGM » dans (a) un groupe auxiliaire de bord (APU) ou (b) d'autres applications non reliées au démarrage du moteur, votre garantie sera limitée à un remplacement gratuit pendant deux ans.

Si vous utilisez vos modèles pour application « marine/Véhicule Récréatif » « 31M-AGM » ou « 34M-AGM » dans des applications autres que marines/VR ou décharge profonde, votre garantie sera limitée à un remplacement gratuit pendant de deux ans.

Si vous utilisez vos modèles pour application « marine/Véhicule Récréatif » « 24M-AGM-A », « 31M-AGM-A », « 24M-EFB » ou « 27M-EFB » dans des applications autres que marines/VR, votre garantie sera limitée à un remplacement gratuit pendant de 18 mois.

Exclusions de garantie et restrictions de recours : Cette garantie limitée ne couvre pas :

- 1) les batteries qui sont simplement déchargées; ou
- 2) les batteries endommagées suite à un usage abusif, la négligence, un usage fautif, une surcharge, une modification, une installation incorrecte, l'usage d'additifs spéciaux, une tentative de réparation non autorisée ou le défaut d'entretenir la batterie correctement;
- 3) les batteries endommagées suite à un usage abusif, la négligence, un usage fautif, un incendie, un accident, une collision, l'effet du gel ou un vol. Cette garantie limitée a préséance sur toutes les réclamations de garantie contractuelles. IB n'offre aucune autre garantie expresse.

Certaines restrictions ne sont pas applicables à des juridictions particulières : certaines provinces peuvent interdire certaines dispositions de cette garantie limitée; il est donc possible que ces dispositions ne vous soient pas applicables. Aucune disposition ne vise à limiter, modifier, retirer, rejeter ou exclure quelque exigence obligatoire de garantie stipulée par quelque province, à moins que ce ne soit permis par la loi de cette province ou la loi fédérale. La présente garantie vous confère des droits légaux spécifiques et vous pourriez également jouir d'autres droits qui varient selon la province.

Dissociabilité : Si quelque disposition de cette garantie limitée est jugée inapplicable, toutes les dispositions restantes de cette garantie limitée resteront pleinement en vigueur.

Pour nous joindre

Pour obtenir des renseignements complémentaires sur cette garantie limitée, écrivez au : Interstate Batteries, Customer Service, 12770 Merit Drive, Suite 300, Dallas, Texas 75251, États-Unis. Vous pouvez aussi composer le 1.888.772.3600 ou visiter le www.interstatebatteries.com.



InterstateBatteries.com