

RELIABLE POWER AT AN AFFORDABLE PRICE



2025 APPLICATION GUIDE

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THREE EASY STEPS TO FIND YOUR BATTERY

- 1 Find your vehicle by make, model, year, engine and optional equipment.
- 2 Find the battery recommended for your vehicle by using the columns directly to the right. The Direct Fit column is the premium choice and the Optional Fit is an alternative choice.
- 3 Find your battery on the shelf. Purchase a battery with cold cranking amp capacity at least equal to the original equipment (OE) specifications.

If there is no battery option available for your vehicle, check with your PowerVolt authorized dealer.

Disclaimer: The replacement battery information in this catalog has been obtained from Battery Council International (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.

If vehicle not listed, please contact your Dealer or Distributor.

POWERSVOLT BATTERY SPECIFICATIONS

FLOODED

PowerVolt Part Number	BCI Number	CCA	RC	Ah	Dimensions			Warranty Months*
					Length	Width	Height	
PV-24	24	500	110		10.19	6.75	8.63	12
PV-24F	24F	500	105		10.12	6.77	8.66	12
PV-26	26	500	75		8.19	6.78	6.89	12
PV-26R	26R	500	75		8.69	6.81	7.69	12
PV-35	35	450	80		9.11	6.77	7.95	12
PV-51R	51R	430	75		9.29	5.04	8.74	12
PV-65	65	700	130		11.25	7.44	7.44	12
PV-75DT	75DT	550	85		9.33	7.01	8.07	12
PV-78	78	600	95		10.12	7.09	7.13	12
PV-78DT	78DT	600	110		10.12	7.32	7.81	12
PV-47/H5	47/H5	500	95	60	9.53	6.89	7.48	12
PV-48/H6	48/H6	620	95	50	10.87	6.85	7.48	12
PV-94R/H7	94R/H7	730	120	85	12.36	6.85	7.48	12

AGM

PowerVolt Part Number	BCI Number	CCA	RC	Ah	Dimensions			Warranty Months*
					Length	Width	Height	
PV-47/H5-AGM	47/H5	650	100	60	9.53	6.89	7.48	30
PV-48/H6-AGM	48/H6	760	120	70	10.94	6.89	7.48	30
PV-94R/H7-AGM	94R/H7	850	140	80	12.4	6.89	7.48	30
PV-49/H8-AGM	49/H8	900	160	95	13.9	6.89	7.48	30

*Some exclusions may apply. Please visit PowerVoltBatteries.com for more information.

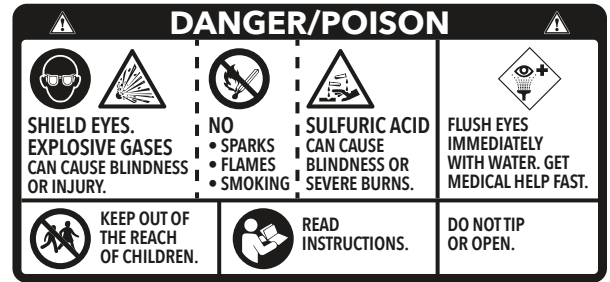
Battery dimensions listed in this chart are based on information obtained from standards established by original equipment manufacturers, Battery Council International as well as European and Japanese battery standards' governing bodies. There may be variations in the dimensions listed that are necessary to facilitate manufacturing of both the battery and the battery mounting fixtures. Any such variation shall not affect the fit, form or function of the battery. Results obtained from field measurements may vary due to the type of gauge used to measure the battery and the variations described above.

SAFETY FIRST

 **WARNING:** Battery posts, terminals and related accessories can expose you to chemicals including lead and lead compounds, which are known to the state of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling. For more information go to www.P65Warnings.ca.gov.

Safe Practices when Working with Batteries

- Always wear proper eye, face and hand protection.
- Keep sparks, flames and cigarettes away from battery.
- Never lean over battery while testing or charging.
- Ensure 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.
- 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.
- Ensure 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 battery becomes hot or violently spews, reduce the charging rate or temporarily stop the charging process.
- Turn the charger "Off" before removing charger leads from battery to avoid dangerous sparks.

SAFETY FIRST (CONTINUED)

Danger of Exploding Batteries

Batteries contain sulfuric acid and produce explosive mixtures of hydrogen and oxygen. Batteries can generate hydrogen gas even when not in operation. Be sure storage or work areas are well ventilated and proper personal protection equipment is worn.

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.

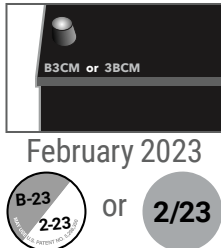
Interstate Batteries is not liable for damage or injury resulting from use of this application guide. For proper handling and safety, please consult an authorized dealer or battery technician.

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 $\frac{1}{2}$ " above the plates, maximum level is $\frac{1}{8}$ " 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.



Date Code 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

Date Code Year											
4	5	6	7	8	9	0	1	2	3	4	5
14	15	16	17	18	19	20	21	22	23	24	25

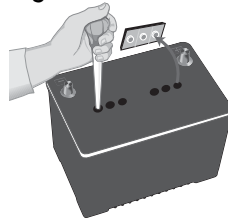
STEP 2: State of Charge

1. If battery has removable vent caps, check state of charge with hydrometer.
If sealed, check with voltmeter.

Hydrometer: Specific Gravity = State of Charge

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

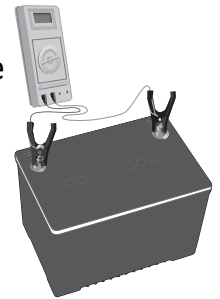
Recharge if one or more cells below 75%



Voltmeter: Volts = State of Charge

12.84 = 100%
12.60 = 75%
12.41 = 50%
12.20 = 25%
12.01 = 0%

Recharge if below 75%



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.

STEP 3: Load Test

1. Apply $\frac{1}{2}$ 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

Minimum Volts	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.1	8.9	8.7	8.5
Battery Temperature: Degrees F	100°	90°	80°	70°	60°	50°	40°	30°	20°	10°	0°
Battery Temperature: Degrees C	38°	32°	27°	21°	16°	10°	4°	-1°	-7°	-12°	-18°

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

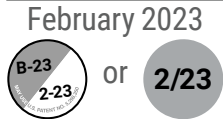
1. Continue to observe bounce-back voltage after load is removed.
2. If battery fails to bounce back to 12.60V (75% state of charge) within one minute, recharge and retest.
3. If battery voltage bounces back to 75% state of charge or above, replace battery.

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.
2. Clean the battery case and posts.
3. Read date code on the case (first two characters) or sticker to determine the age (month and year) of the battery.



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											
4	5	6	7	8	9	0	1	2	3	4	5
14	15	16	17	18	19	20	21	22	23	24	25

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.

Voltmeter: Volts = State of Charge

12.88 = 100%

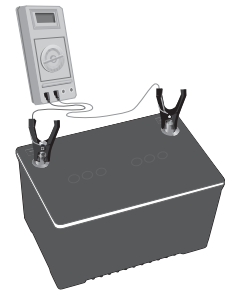
12.64 = 75%

12.39 = 50%

12.09 = 25%

11.80 = 0%

Recharge if below 75%



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.

STEP 3: Load Test

1. Apply $\frac{1}{2}$ 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 $\frac{1}{2}$ 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

Minimum Volts	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.1	8.9	8.7	8.5
Battery Temperature: Degrees F	100°	90°	80°	70°	60°	50°	40°	30°	20°	10°	0°
Battery Temperature: Degrees C	38°	32°	27°	21°	16°	10°	4°	-1°	-7°	-12°	-18°

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.

BATTERY BASICS

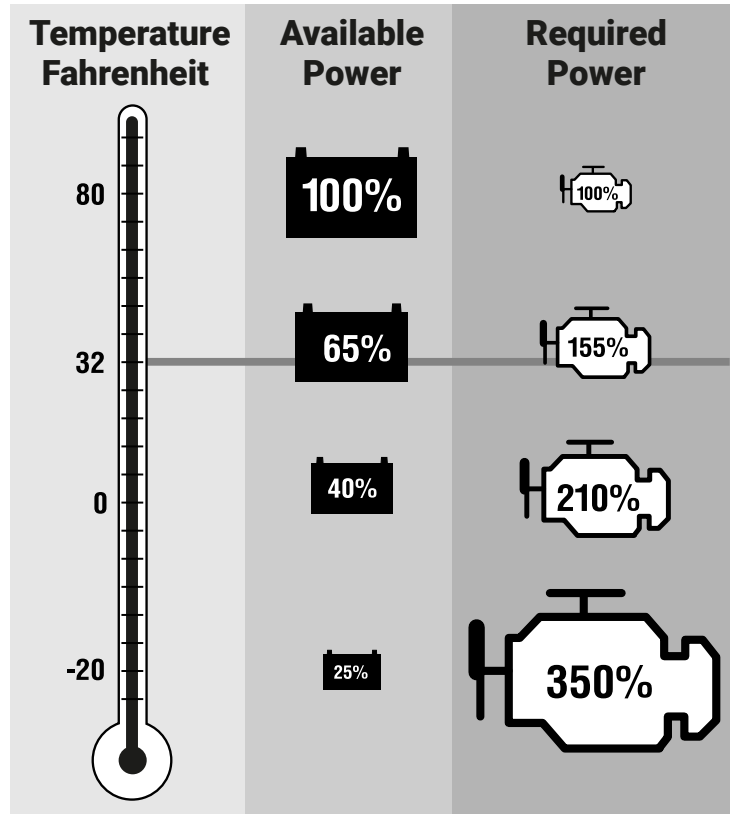
How a Battery Works

A battery stores energy in chemical form that can be released on demand as electricity. This electrical power is used by the car's ignition system for cranking the engine. The car's battery also may power the lights and other accessories. Should the alternator or fan belt fail, the battery might also need to power the vehicle's entire electrical system for a short period of time.

Three Things to Consider When Buying a Battery

- 1. SIZE:** What are the dimensions of your original equipment battery? The Battery Council International (BCI) uses a two-digit number to identify the height, length and width shape of original equipment sizes.
- 2. POWER:** What are the Cold Cranking Amp requirements of your vehicle? The power a battery can deliver decreases as the temperature gets colder. Batteries are rated at both 32° F (Cranking Amps/CA) and 0° F (Cold Cranking Amps/CCA). Using either rating for comparison, the higher the number, the greater the starting power of the battery.
- 3. WARRANTY:** Batteries are backed by a warranty. See battery for details.

As the temperature drops, more cranking power is required to start a vehicle's engine, but a battery's available power decreases.



GLOSSARY

CCA (Cold Cranking Amps)

CCA = The number of amperes a battery at 0° F (-17.8° C) can deliver for 30 seconds and maintain a voltage equal to or higher than 1.2 volts per cell (7.2 volts for a 12 volt battery).

CA (Cranking Amps) or MCA (Marine Cranking Amps)

CA or MCA is the discharge load in amperes which a new, fully charged battery at 32° F (0° C) can continuously deliver for 30 seconds and maintain a terminal voltage equal to or higher than 1.20 volts per cell (7.2 volts for a 12-volt battery).

RC (Reserve Capacity)

A battery must provide emergency power for ignition, lights, etc., in the event of failure in the vehicle's battery recharging system. The RC rating is defined as the number of minutes a new fully charged battery at 80° F (26.7° C) can be discharged at 25 amperes and maintain a terminal voltage equal to or higher than 1.75 volts per cell (10.5 volts for a 12-volt battery).

Ah (Amp Hours)

A unit of measurement for a battery's electrical storage capacity, obtained by multiplying the current in amperes by the time in hours of discharge.

Example: A battery delivers 5 amps x 20 Hours = 100 AMP Hours.

BATTERY MAINTENANCE

Are PowerVolt's flooded batteries maintenance-free?

PowerVolt's line of automotive 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.

Overcharging: 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.

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.

BATTERY MAINTENANCE (CONTINUED)

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.

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.

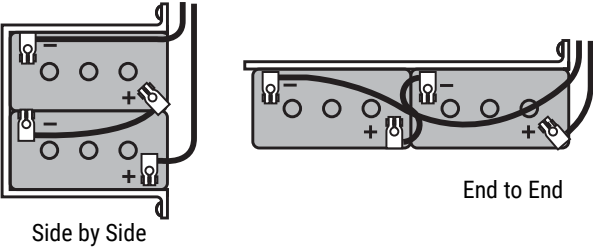
How do I charge my battery?

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.

BATTERY CONNECTIONS

How you connect a battery pack gives different battery performance. These wiring diagrams show examples of batteries and how their performance differs when connected in series, parallel or in a combination.

Two 6V Batteries = 12V System



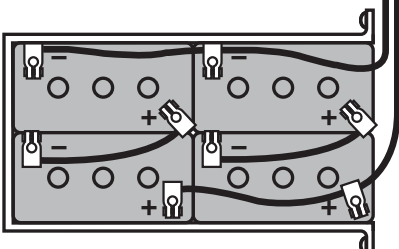
Side by Side

End to End

Series Connections

	Per Battery	Per System
CCA	600	600
RC Minutes	225	225

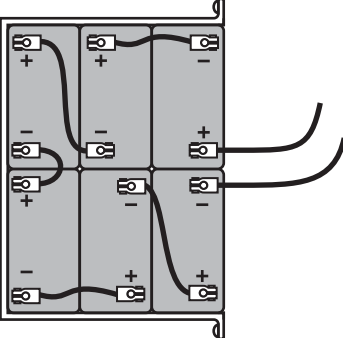
Four 6V Batteries = 12V System



Series/Parallel Connection

	Per Battery	Per System
CCA	600	1200
RC Minutes	225	450

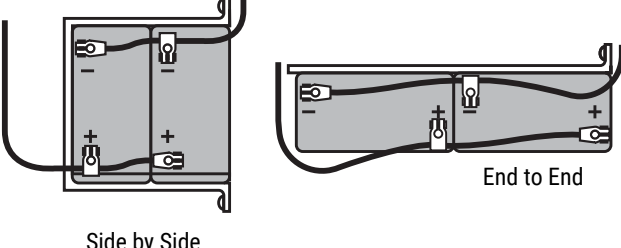
Six 6V Batteries = 36V/Six 8V Batteries = 48V



Series Connections

Six 6V	36V	Six 8V	48V
225 Ah		170 Ah	

Two 12V Batteries = 12V System



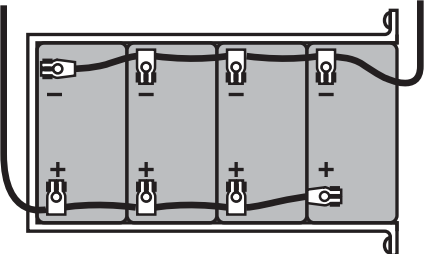
Side by Side

End to End

Parallel Connection

	Per Battery	Per System
CCA	700	1400
RC Minutes	190	380

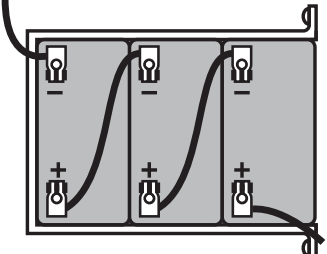
Four 12V Batteries = 12V System



Parallel Connection

	Per Battery	Per System
CCA	700	2800
RC Minutes	190	760

Three 12V Batteries = 36V System



Series Connections

	Per Battery	Per System
CCA	800	800
RC Minutes	190	190

ABBREVIATIONS

Abbreviation	Description
2V	2 Valve per Cylinder
4V	4 Valve per Cylinder
2BBL	2 Barrel Carburetor
2WD	Two-Wheel Drive
4BBL	4 Barrel Carburetor
4WD	Four-Wheel Drive
AC	Air Conditioning
A-C	Allis-Chalmers
AGM	Absorbed Glass-Mat
Ah	Amp Hour
Alt	Alternate
Amp	Ampere
AT	Automatic Transmission
ATV	All-Terrain Vehicle
Aux	Auxiliary
AWD	All Wheel Drive
Bat	Battery
BCI	Battery Council International
BEV	Battery Electric Vehicle
BMS	Battery Management System
CA	Cranking Amps
Calif	California
Can	Canada
Carb	Carburetor
CAT	Caterpillar
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
DD	Detroit Diesel
DES	Direct Injection Start

Abbreviation	Description
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
EPS	Electric Power Steering
ETR	Electronic Tuning Radio
EN	European Norm
EV	Electric Vehicle
Ex	Except
Fed	Federal
FI	Fuel Injection
Fig	Figure
Fla	Florida
FWD	Front-Wheel Drive
GM	General Motors
Gen	Generator
GSE	Gas Starting Engine
GVW	Gross Vehicle Weight
HBL	Heated Back Light (Rear Window Defroster)
HA	High Altitude
HEV	Hybrid Electric Vehicle
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
JD	John Deere

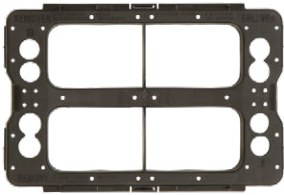
ABBREVIATIONS (CONTINUED)

Abbreviation	Description
JIS	Japanese Industrial Standard
L	Liter
L4/L5/L6	In-Line 4, 5 or 6 Cylinder Engine
LFP	Lithium Battery with Standard BMS
LFPI	Lithium Battery with Intelligent BMS
Lft	Left
Li-ion	Lithium ion
LPG	Liquified Petroleum Gas
Mex	Mexico
MDPS	Motor Driven Power Steering
MFI	Multi-Port Fuel Injection
Modif	Modified
NR	Not Required
MT	Manual Transmission
MY	Model Year
N/A	Not Available
No.	Number
OE	Original Equipment
OES	Original Equipment Service
OHC	Overhead Cam
OHV	Overhead Valve
Opt	Optional
PHEV	Plug-in Hybrid Electric Vehicle
Pkg	Package
PPkg	Police Package
PS	Power Steering
PTO	Power Take-Off
PR Code	Production Run Code
PWC	Personal WaterCraft
R-MDPS	Rack-mounted Motor Driven Power Steering
RC	Reserve Capacity
RRC	Repetitive Reserve Cycles
Rt	Right
RWD	Rear-Wheel Drive
S/C	Super Charged
SEO	Special Electrical Option
SG	Sound Guard

Abbreviation	Description
SHO	Super High Output
SOHC	Single Overhead Cam
Std	Standard
SULEV	Super Ultra Low Emissions Vehicle
TBI	Throttle Body Injection
TDI	Turbo Direct Injection
Tech	Technology
TTPkg	Trailer Towing Package
Turbo	Turbo Charged
US	United States
V	Venturi
VRLA	Valve Regulated Lead-Acid
w/	With
w/o	Without
Wisc	Wisconsin
WS	With Sensor

FOOTNOTE DESCRIPTIONS

- 1 May require height adapter.
1B May require height adapter B. Part #29275.



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



- 1D May require height adapter D. Part #13240.



- 2 Two batteries may be required.
3 Three batteries may be required.
4 Four batteries may be required.
5 Best-fit estimate.
5A Five batteries may be required.
6 Check for height (hood clearance), tray room and holddown fit. Check clearance before connecting cables.
6A Six batteries may be required.
7 Check polarity and cable length before connecting cables.
8 Not gang vented.
9 Manufacturer's recommended replacement battery shown. May vary from OE battery.
10 Modification of the holddown, cables, heat shield or terminals 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.
13 Commercial-grade Group 65 battery for strenuous applications.
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: $9 \frac{5}{8}'' \times 6 \frac{7}{8}'' \times 7 \frac{9}{16}''$. Check polarity before installing.
23 Special 12V: $10'' \times 6 \frac{1}{16}'' \times 8 \frac{3}{8}''$. Check polarity before installing.
24 Special 12V: $14 \frac{15}{16}'' \times 6 \frac{3}{4}'' \times 7 \frac{3}{8}''$.
26 Special 12V: $9 \frac{3}{4}'' \times 5'' \times 7 \frac{1}{2}''$. Vented outside of vehicle.
27 Special 12V: $9 \frac{7}{8}'' \times 6 \frac{11}{16}'' \times 3 \frac{11}{16}''$.
28 Special 12V: $9 \frac{9}{16}'' \times 6 \frac{13}{16}'' \times 6 \frac{11}{16}''$.
29 Special 12V: $9 \frac{9}{16}'' \times 6 \frac{13}{16}'' \times 6 \frac{13}{16}''$; check polarity.
30 Special 12V: $9'' \times 7 \frac{1}{4}'' \times 7 \frac{1}{2}''$.
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 Without HBL but with ETR, travel computer cluster or audible message center.
45 Non-BCI group size.

FOOTNOTE DESCRIPTIONS (CONTINUED)

- 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 Rating is an EN rating.
- 55 Vehicle may need reprogramming after battery has been discharged or replaced.
- 56 Various group size batteries used in production.
- 57 Models (2008, 2009) with MiGig REN or REZ radios require the feed fuse for the radio to be removed before disconnecting the 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 Li-Ion battery only.
- 61 With sensor.
- 62 Battery specifically designed for EV/HEV auxiliary application.

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.

BATTERY APPLICATION GUIDE

Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Acura								
Acura CSX								
2011-08	L4/2.0 Liter		410 CCA		PV-51R			
Acura EL								
2000-97	L4/1.6 Liter		410 CCA		PV-51R			
Acura ILX								
2015-13	L4/2.0 Liter		410 CCA		PV-51R			
2018-13	L4/2.4 Liter		410 CCA		PV-51R			
Acura Integra								
2001-94	L4/1.8 Liter		410 CCA		PV-51R			
Acura Legend								
1995-91	V6/3.2 Liter		585 CCA				PV-78DT	1B
Acura MDX								
2016	V6/3.5 Liter	All Wheel Drive	650 CCA 33		PV-48/H6-AGM			
2016	V6/3.5 Liter	Front Wheel Drive	620 CCA		PV-48/H6		PV-48/H6-AGM	
2020-16	V6/3.5 Liter		620 CCA		PV-48/H6		PV-48/H6-AGM	
2020-16	V6/3.5 Liter	Advance Package	650 CCA 33		PV-48/H6-AGM			
2020-17	V6/3.0 Liter	Hybrid	650 CCA 33		PV-48/H6-AGM			
2025-22	V6/3.5 Liter		650 CCA 33		PV-48/H6-AGM			
2025-24	V6/3.0 Liter		800 CCA 33		PV-94R/H7-AGM			
Acura NSX								
2005-91	V6/3.0 Liter	Manual Transmission	435 CCA		PV-35			
2005-97	V6/3.2 Liter	Manual Transmission	435 CCA		PV-35			
2021-17	V6/3.5 Liter	Hybrid	600 CCA 33		PV-47/H5-AGM			
2022	V6/3.5 Liter		600 CCA 33		PV-47/H5-AGM			
Acura RDX								
2012-07	L4/2.3 Liter		440 CCA		PV-35			
2025-19	L4/2.0 Liter		650 CCA 33		PV-48/H6-AGM			
Acura RL								
2004-96	V6/3.5 Liter		550 CCA				PV-78DT	1B
Acura RSX								
2006-02	L4/2.0 Liter		400 CCA		PV-51R			
Acura SLX								
1999-98	V6/3.5 Liter	Automatic Transmission	585 CCA				PV-78DT	1B
Acura TL								
1998-95	L5/2.5 Liter		450 CCA		PV-35			
Acura TLX								
2017-15	L4/2.4 Liter		440 CCA		PV-35			
2018-15	V6/3.5 Liter		620 CCA		PV-48/H6		PV-48/H6-AGM	
2020-15	V6/3.5 Liter	SH-All Wheel Drive, With Start-Stop	650 CCA 33		PV-48/H6-AGM			
2020-19	V6/3.5 Liter		650 CCA				PV-48/H6-AGM	
2025-21	V6/3.0 Liter		850 CCA 33		PV-94R/H7-AGM			
2025-21	L4/2.0 Liter		850 CCA 33		PV-94R/H7-AGM			
Acura TSX								
2014-04	L4/2.4 Liter		430 CCA		PV-51R			
Acura ZDX								
2024	Electric		600 CCA				PV-47/H5-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Alfa Romeo								
Alfa Romeo 4C								
2020-15	L4/1.7 Liter		500 CCA		PV-47/H5		PV-47/H5-AGM	
Aston Martin								
Aston Martin DB11								
2021-17	V12/5.2 Liter		850 CCA	33 , 54	PV-49/H8-AGM			
2021-18	V8/4.0 Liter		850 CCA	33 , 54	PV-49/H8-AGM			
Aston Martin DB9								
2016-05	V12/6.0 Liter		830 CCA	50 , 54			PV-49/H8-AGM	
Aston Martin DBS								
2012-08	V12/6.0 Liter		830 CCA	50 , 54			PV-49/H8-AGM	
2021-19	V12/5.2 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Aston Martin One-77								
2011	V12/7.3 Liter		830 CCA	54			PV-49/H8-AGM	
Aston Martin Rapide								
2019-11	V12/6.0 Liter		830 CCA	50 , 54			PV-49/H8-AGM	
Aston Martin V12 Vantage								
2013-10	V12/6.0 Liter		830 CCA	50 , 54			PV-49/H8-AGM	
2017-15	V12/6.0 Liter		830 CCA	50 , 54			PV-49/H8-AGM	
Aston Martin V8 Vantage								
2008-06	V8/4.3 Liter		830 CCA	50 , 54			PV-49/H8-AGM	
2017-09	V8/4.7 Liter		830 CCA	50 , 54			PV-49/H8-AGM	
2021-18	V8/4.0 Liter		830 CCA	50 , 54			PV-49/H8-AGM	
Aston Martin Vanquish								
2006-01	V12/6.0 Liter		830 CCA	50 , 54			PV-49/H8-AGM	
2018-14	V12/6.0 Liter		830 CCA	50 , 54			PV-49/H8-AGM	
Aston Martin Vantage								
2021-18	V8/4.0 Liter		830 CCA	50 , 54			PV-49/H8-AGM	
Aston Martin Virage								
2012	V12/6.0 Liter		830 CCA	50 , 54			PV-49/H8-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Audi								
Audi A3								
2008-06	L4/2.0 Liter	PR Code J0L, J1D	640 CCA	50 , 54 , 55 , 56 , 58			PV-48/H6-AGM	48
2013-06	L4/2.0 Liter	PR Code J0N	540 CCA	50 , 54 , 55 , 56 , 58			PV-47/H5-AGM	48
2013-06	L4/2.0 Liter	PR Code J0R	80 Ah	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2013-09	L4/2.0 Liter	PR Code J0L, J1D	640 CCA	50 , 54 , 55 , 56 , 58			PV-48/H6-AGM	48
2013-09	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2013-10	L4/2.0 Liter	Diesel, PR Code J0L, J1D	640 CCA	50 , 54 , 55 , 56 , 58			PV-48/H6-AGM	48
2013-10	L4/2.0 Liter	Diesel, PR Code J0N	540 CCA	50 , 54 , 55 , 56 , 58			PV-47/H5-AGM	48
2013-10	L4/2.0 Liter	Diesel, PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2016-15	L4/2.0 Liter	Diesel, PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2016-15	L4/2.0 Liter	Diesel, PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2016-15	L4/2.0 Liter	Diesel, PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2016-15	L4/1.8 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2016-15	L4/1.8 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2016-15	L4/1.8 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2020-15	L4/1.4 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2020-15	L4/1.4 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2020-15	L4/1.4 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2020-17	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 55 , 56 , 58	PV-47/H5-AGM			
2020-17	L4/2.0 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2020-17	L4/2.0 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2020-17	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2024-22	L4/2.0 Liter	PR Code J1N	75 Ah	33 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-22	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
Audi A3 Quattro								
2008-06	V6/3.2 Liter	PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2009-06	V6/3.2 Liter	PR Code J0R	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2013-09	L4/2.0 Liter	PR Code J0L, J1D	640 CCA	50 , 54 , 55 , 56 , 58			PV-48/H6-AGM	48
2013-09	L4/2.0 Liter	PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2013-09	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2020-15	L4/2.0 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2020-15	L4/2.0 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2020-15	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2020-17	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 55 , 56 , 58	PV-47/H5-AGM			
2023-22	L4/2.0 Liter	PR Code J1N	75 Ah	33 , 55 , 56 , 58	PV-94R/H7-AGM			
2023-22	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
Audi A3 Sportback e-tron								
2016	L4/1.4 Liter	Hybrid, PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2018-16	L4/1.4 Liter	Hybrid, PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2018-16	L4/1.4 Liter	Hybrid, PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2018-17	L4/1.4 Liter	Hybrid, PR Code J1L	540 CCA	55 , 56 , 58			PV-47/H5-AGM	
Audi A4								
1997	L4/1.8 Liter	Optional	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	
1998	V6/2.8 Liter	PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2001-96	V6/2.8 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2001-96	V6/2.8 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2001-96	V6/2.8 Liter	PR Code J1R	82 Ah	50 , 55 , 56 , 58	PV-94R/H7	48		
2002	V6/3.0 Liter	PR Code J1R	82 Ah	50 , 55 , 56 , 58	PV-94R/H7	48		
2002-97	L4/1.8 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Audi A4 (continued)								
2002-97	L4/1.8 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2002-97	L4/1.8 Liter	PR Code J1R	82 Ah	50 , 55 , 56 , 58	PV-94R/H7	48		
2005-02	V6/3.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2005-02	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2005-03	L4/1.8 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2006-02	L4/1.8 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2006-03	L4/1.8 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2008-06	V6/3.2 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2008-06	V6/3.2 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2015-05	L4/2.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2015-13	L4/2.0 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2015-13	L4/2.0 Liter	PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2015-13	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-05	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2024-09	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-09	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-16	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2024-16	L4/2.0 Liter	PR Code J2D, 0K0, 0K2, 0K4	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi A4 allroad								
2018-13	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-13	L4/2.0 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2018-13	L4/2.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2018-13	L4/2.0 Liter	PR Code J1L	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	
2018-13	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-13	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2018-13	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2020-17	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2020-19	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2020-19	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2021-19	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2025-21	L4/2.0 Liter	Hybrid, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2025-21	L4/2.0 Liter	Hybrid, PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2025-21	L4/2.0 Liter	Hybrid, PR Code J0K	93 Ah	50 , 55 , 56 , 58			PV-49/H8-AGM	
2025-21	L4/2.0 Liter	Hybrid, PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2025-21	L4/2.0 Liter	Hybrid, PR Code J1U	95 Ah	50 , 55 , 56 , 58			PV-49/H8-AGM	
2020-19	L4/2.0 Liter	PR Code J2D, 0K0, 0K2	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2025-21	L4/2.0 Liter	Hybrid, PR Code J2D, 0K0, 0K2, 0K4	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi A4 Quattro								
2001-96	V6/2.8 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2001-96	V6/2.8 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2002	V6/3.0 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2002	V6/3.0 Liter	PR Code J1R	720 CCA	50 , 55 , 56 , 58	PV-94R/H7	48	PV-94R/H7-AGM	48
2002	L4/1.8 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2002	L4/1.8 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2002-97	L4/1.8 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2002-97	L4/1.8 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2002-99	L4/1.8 Liter	PR Code J1R	720 CCA	50 , 55 , 56 , 58	PV-94R/H7	48	PV-94R/H7-AGM	48
2005-03	L4/1.8 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Audi A4 Quattro (continued)								
2005-03	L4/1.8 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2006-02	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2007-05	L4/2.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2007-05	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2009	V6/3.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2009	V6/3.2 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2009-05	V6/3.2 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2009-05	V6/3.2 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2015-05	L4/2.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2015-13	L4/2.0 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2015-13	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2021-05	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2021-09	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2021-09	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2021-16	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2025-22	L4/2.0 Liter	Hybrid, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2025-22	L4/2.0 Liter	Hybrid, PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2025-22	L4/2.0 Liter	Hybrid, PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2025-22	L4/2.0 Liter	Hybrid, PR Code J1U	95 Ah	50 , 55 , 56 , 58			PV-49/H8-AGM	
2006-02	V6/3.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2021-16	L4/2.0 Liter	PR Code J2D, 0K0, 0K2, 0K4	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2025-22	L4/2.0 Liter	Hybrid, PR Code J2D, 0K0, 0K2	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi A5								
2016-12	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-12	L4/2.0 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2016-12	L4/2.0 Liter	PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2016-12	L4/2.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2016-12	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-12	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2016-12	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2019-18	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2019-18	L4/2.0 Liter	PR Code J0H	640 CCA	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2019-18	L4/2.0 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2019-18	L4/2.0 Liter	PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2019-18	L4/2.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2019-18	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2019-18	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2019-18	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-21	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-21	L4/2.0 Liter	PR Code J0H	640 CCA	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2024-21	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-21	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2024-21	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Audi A5 Quattro								
2010	V6/3.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2010	V6/3.2 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2010	V6/3.2 Liter	PR Code J1L	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	
2010	V6/3.2 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2010-08	V6/3.2 Liter	PR Code J0R	80 Ah	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2010-08	V6/3.2 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2017-10	L4/2.0 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2017-10	L4/2.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2017-10	L4/2.0 Liter	PR Code J1L	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	
2022-10	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2024-10	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-10	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-12	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-17	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
Audi A5 Sportback								
2024-18	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-18	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2024-18	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-18	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2024-18	L4/2.0 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2025	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2025	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2025	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2025	L4/2.0 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi A6								
2001-98	V6/2.8 Liter	PR Code J1D	570 CCA	50 , 55 , 56 , 58	PV-48/H6	48	PV-48/H6-AGM	48
2004-02	V6/3.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2004-02	V6/3.0 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2004-02	V6/3.0 Liter	PR Code J1R	720 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2006-02	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2011	V6/3.2 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2011	V6/3.2 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2011	V6/3.2 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2011-06	V6/3.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2011-06	V6/3.2 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2011-09	V6/3.2 Liter	PR Code J0L	70 Ah	50 , 55 , 56 , 58			PV-48/H6-AGM	
2011-09	V6/3.2 Liter	PR Code J0R	80 Ah	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2018-12	L4/2.0 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-12	L4/2.0 Liter	PR Code J0L	70 Ah	50 , 55 , 56 , 58			PV-48/H6-AGM	
2018-12	L4/2.0 Liter	PR Code J0R	80 Ah	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2018-12	L4/2.0 Liter	PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-12	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2018-12	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2018-15	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-15	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-16	L4/2.0 Liter	PR Code J0L	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	
2018-16	L4/2.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2018-16	L4/1.8 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-16	L4/1.8 Liter	PR Code J0R	80 Ah	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2018-16	L4/1.8 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Audi A6 (continued)								
2018-16	L4/1.8 Liter	PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-16	L4/1.8 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2018-16	L4/1.8 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2023-21	L4/2.0 Liter	Hybrid, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024	L4/2.0 Liter	Hybrid, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi A6 allroad								
2024-20	V6/3.0 Liter	Hybrid, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi A6 Quattro								
2001-95	V8/4.2 Liter	PR Code J1U	850 CCA	50 , 58			PV-49/H8-AGM	
2001-95	V6/2.8 Liter	Optional	570 CCA	50 , 58	PV-48/H6		PV-48/H6-AGM	
2001-95	V6/2.7 Liter	PR Code J1D	570 CCA	50 , 58	PV-48/H6	48	PV-48/H6-AGM	48
2001-95	V6/2.7 Liter	Turbo, PR Code-J0R	640 CCA	50 , 58	PV-94R/H7		PV-94R/H7-AGM	
2004-02	V8/4.2 Liter	Optional	720 CCA	50 , 54 , 55 , 56	PV-94R/H7		PV-94R/H7-AGM	
2004-02	V6/2.7 Liter	Option 2	640 CCA	50 , 54 , 55 , 56	PV-94R/H7		PV-94R/H7-AGM	
2004-02	V6/2.7 Liter	Option 3	720 CCA	50 , 54 , 55 , 56	PV-94R/H7		PV-94R/H7-AGM	
2004-02	V6/2.7 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56			PV-49/H8-AGM	
2004-02	V6/2.7 Liter	Turbo	640 CCA	50 , 54 , 55 , 56			PV-48/H6-AGM	
2004-03	V8/4.2 Liter	PR Code J0R	640 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2004-03	V6/3.0 Liter	PR Code J0R	640 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2004-03	V6/3.0 Liter	PR Code J1R	82 Ah	50 , 54 , 55 , 56	PV-94R/H7	48		
2004-03	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2004-03	V6/2.7 Liter	PR Code J0R	640 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2004-03	V6/2.7 Liter	PR Code J1R	82 Ah	50 , 54 , 55 , 56	PV-94R/H7	48		
2004-03	V6/2.7 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2008-05	V6/3.2 Liter	PR Code J0B	760 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2008-05	V6/3.2 Liter	PR Code J0L	570 CCA	50 , 54 , 55 , 56	PV-48/H6		PV-48/H6-AGM	
2008-05	V6/3.2 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2010-09	V6/3.0 Liter	PR Code J0L	640 CCA	50 , 54 , 55 , 56 , 58			PV-48/H6-AGM	
2010-09	L4/2.0 Liter	PR Code J0L	640 CCA	50 , 54 , 55 , 56 , 58			PV-48/H6-AGM	
2011	V8/4.2 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2011	V8/4.2 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2011-03	V8/4.2 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2011-05	V8/4.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2011-09	V8/4.2 Liter	PR Code J0R	640 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2016-14	V6/3.0 Liter	Diesel, PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-14	V6/3.0 Liter	Diesel, PR Code J0R	640 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2016-14	V6/3.0 Liter	Diesel, PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-14	V6/3.0 Liter	Diesel, PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2016-14	V6/3.0 Liter	Diesel, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2018-09	V6/3.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-09	V6/3.0 Liter	PR Code J0R	640 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2018-09	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2018-11	V6/3.0 Liter	PR Code J0L	640 CCA	50 , 54 , 55 , 56 , 58			PV-48/H6-AGM	
2018-11	V6/3.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-11	V6/3.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2018-13	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-13	L4/2.0 Liter	PR Code J0L	640 CCA	50 , 54 , 55 , 56 , 58			PV-48/H6-AGM	
2018-13	L4/2.0 Liter	PR Code J0R	640 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2018-13	L4/2.0 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Audi A6 Quattro (continued)								
2018-13	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 54 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-13	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2018-16	V6/3.0 Liter	PR Code J0R	640 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2021-13	L4/2.0 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-22	V6/3.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-22	L4/2.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2004-02	V8/4.2 Liter		640 CCA	50 , 54 , 55 , 56			PV-48/H6-AGM	
Audi A7 Quattro								
2016-14	V6/3.0 Liter	Diesel, PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2016-14	V6/3.0 Liter	Diesel, PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-14	V6/3.0 Liter	Diesel, PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2016-14	V6/3.0 Liter	Diesel, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2016-15	V6/3.0 Liter	Diesel, PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-12	V6/3.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-12	V6/3.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2018-12	V6/3.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-12	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2018-12	V6/3.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2021-18	V6/3.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi A7 Sportback								
2024-19	V6/3.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi A8								
1999-97	V8/3.7 Liter		760 CCA	50			PV-49/H8-AGM	
1999-97	V8/3.7 Liter		850 CCA	50			PV-49/H8-AGM	
Audi A8 Quattro								
2003-97	V8/4.2 Liter		850 CCA	50			PV-49/H8-AGM	
2009-08	V8/4.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2012-10	V8/4.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2012-10	V8/4.2 Liter	PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2012-10	V8/4.2 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2016-12	W12/6.3 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-12	W12/6.3 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-12	W12/6.3 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2016-14	V6/3.0 Liter	Diesel, PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-14	V6/3.0 Liter	Diesel, PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-14	V6/3.0 Liter	Diesel, PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2018-13	V8/4.0 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-13	V8/4.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-13	V8/4.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2018-13	V6/3.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-13	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2022-19	V8/4.0 Liter	Hybrid, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2022-19	V8/4.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-19	V6/3.0 Liter	Hybrid, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-19	V6/3.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Audi allroad								
2015-13	L4/2.0 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2015-13	L4/2.0 Liter	PR Code J0N		50 , 55 , 56 , 58	PV-47/H5	48	PV-47/H5-AGM	48
2015-13	L4/2.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2015-13	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2016	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2016-13	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-13	L4/2.0 Liter	PR Code J1L	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	
2016-13	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-13	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
Audi allroad Quattro								
2005-01	V6/2.7 Liter		760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2005-03	V8/4.2 Liter		760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
Audi e-tron Quattro								
2023-19		Electric, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi e-tron S								
2023-22		Electric, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi e-tron S Sportback								
2023-22		Electric, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi e-tron Sportback								
2023-20		Electric, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi Q3								
2018-15	L4/2.0 Liter	PR Code J1L	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	
2024-15	L4/2.0 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2024-15	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-19	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 55 , 56 , 58	PV-47/H5-AGM			
Audi Q3 Quattro								
2018-15	L4/2.0 Liter	PR Code J1D	640 CCA	50 , 54 , 55 , 56 , 58			PV-48/H6-AGM	48
2018-15	L4/2.0 Liter	PR Code J1L, J0N	540 CCA	50 , 54 , 55 , 56 , 58			PV-47/H5-AGM	48
2018-15	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi Q5								
2012-09	V6/3.2 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2012-09	V6/3.2 Liter	PR Code J0L	570 CCA	50 , 54 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2012-09	V6/3.2 Liter	PR Code J0N	540 CCA	50 , 54 , 55 , 56 , 58			PV-47/H5-AGM	48
2012-09	V6/3.2 Liter	PR Code J0R	640 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2012-09	V6/3.2 Liter	PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2012-09	V6/3.2 Liter	PR Code J1U	95 Ah	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2012-09	V6/3.2 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2016-11	L4/2.0 Liter	PR Code J1L	540 CCA	50 , 54 , 55 , 56 , 58			PV-47/H5-AGM	
2016-14	V6/3.0 Liter	Diesel, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-14	V6/3.0 Liter	Diesel, PR Code J0L	570 CCA	50 , 54 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2016-14	V6/3.0 Liter	Diesel, PR Code J0N	540 CCA	50 , 54 , 55 , 56 , 58			PV-47/H5-AGM	48
2016-14	V6/3.0 Liter	Diesel, PR Code J0R	80 Ah	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2016-14	V6/3.0 Liter	Diesel, PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-14	V6/3.0 Liter	Diesel, PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2016-14	V6/3.0 Liter	Diesel, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2017	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2017-11	L4/2.0 Liter	PR Code J0L	570 CCA	50 , 54 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2017-11	L4/2.0 Liter	PR Code J0N	540 CCA	50 , 54 , 55 , 56 , 58			PV-47/H5-AGM	48
2017-11	L4/2.0 Liter	PR Code J0R	640 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2017-13	V6/3.0 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Audi Q5 (continued)								
2017-13	V6/3.0 Liter	PR Code J0L	570 CCA	50 , 54 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2017-13	V6/3.0 Liter	PR Code J0R	640 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2017-13	V6/3.0 Liter	PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2017-13	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2017-13	V6/3.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2017-13	L4/2.0 Liter	PR Code J0N	540 CCA	50 , 54 , 55 , 56 , 58			PV-47/H5-AGM	48
2024-11	L4/2.0 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-11	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-11	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi Q5 PHEV								
2024-20	L4/2.0 Liter	Hybrid, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-20	L4/2.0 Liter	Hybrid, PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-20	L4/2.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi Q5 Sportback								
2024-21	L4/2.0 Liter	Hybrid, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-21	L4/2.0 Liter	Hybrid, PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-21	L4/2.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi Q7								
2010	V8/4.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2010	V8/4.2 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2010	V6/3.6 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2010	V6/3.6 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2010-07	V8/4.2 Liter	PR Code J1U	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2010-07	V6/3.6 Liter	PR Code J1U	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2015-09	V6/3.0 Liter	Diesel, PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2015-10	V6/3.0 Liter	Diesel, PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2015-10	V6/3.0 Liter	Diesel, PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2015-11	V6/3.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2015-11	V6/3.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2015-11	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2019-17	V6/3.0 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2019-17	V6/3.0 Liter	PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2019-17	V6/3.0 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2021-17	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2021-17	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2021-17	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2022	L4/2.0 Liter	Hybrid, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2022	L4/2.0 Liter	Hybrid, PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2022	L4/2.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024	L4/2.0 Liter	Hybrid, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024	L4/2.0 Liter	Hybrid, PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024	L4/2.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-20	V6/3.0 Liter	Hybrid, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-20	V6/3.0 Liter	Hybrid, PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-20	V6/3.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi Q8								
2024-19	V6/3.0 Liter	Hybrid, PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-19	V6/3.0 Liter	Hybrid, PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-19	V6/3.0 Liter	Hybrid, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Audi Q8 e-tron								
2024		Electric, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi Q8 e-tron Sportback								
2024		Electric, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi R8								
2012-08	V8/4.2 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2012-08	V8/4.2 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2012-09	V10/5.2 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2012-09	V10/5.2 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2015-14	V8/4.2 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2015-14	V10/5.2 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2018-17	V10/5.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-17	V10/5.2 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2023-20	V10/5.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2023-20	V10/5.2 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
Audi RS Q3								
2018-17	L5/2.5 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
Audi RS Q8								
2024-20	V8/4.0 Liter	Hybrid, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-20	V8/4.0 Liter	Hybrid, PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-20	V8/4.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi RS3								
2020-17	L5/2.5 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-23	L5/2.5 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-23	L5/2.5 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi RS4								
2008-07	V8/4.2 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
Audi RS5								
2015-13	V8/4.2 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2015-13	V8/4.2 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2015-13	V8/4.2 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2019-18	V6/2.9 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2019-18	V6/2.9 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-21	V6/2.9 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-21	V6/2.9 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
Audi RS5 Sportback								
2019	V6/2.9 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2019	V6/2.9 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-21	V6/2.9 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-21	V6/2.9 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
Audi RS6 Avant								
2024-21	V8/4.0 Liter	Hybrid, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi RS7								
2018-14	V8/4.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-14	V8/4.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2018-14	V8/4.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-14	V8/4.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2018-14	V8/4.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi RS7 Sportback								
2024-21	V8/4.0 Liter	Hybrid, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Audi S3								
2020-15	L4/2.0 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2020-15	L4/2.0 Liter	PR Code J1L	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	
2020-15	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2020-17	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2024-22	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-22	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi S4								
2002-00	V6/2.7 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2002-00	V6/2.7 Liter	PR Code J1D	570 CCA	50 , 55 , 56 , 58	PV-48/H6	48	PV-48/H6-AGM	48
2002-00	V6/2.7 Liter	PR Code J1R	82 Ah	50 , 55 , 56 , 58	PV-94R/H7	48		
2002-00	V6/2.7 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2009	V8/4.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2009	V8/4.2 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2009-04	V8/4.2 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2009-04	V8/4.2 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2015-10	V6/3.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2015-13	V6/3.0 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2015-13	V6/3.0 Liter	PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2015-13	V6/3.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2016-10	V6/3.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-10	V6/3.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2016-10	V6/3.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-10	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2022-16	V6/3.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2022-18	V6/3.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2022-18	V6/3.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2022-18	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2024-23	V6/3.0 Liter	Hybrid, PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-23	V6/3.0 Liter	Hybrid, PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2024-23	V6/3.0 Liter	Hybrid, PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-23	V6/3.0 Liter	Hybrid, PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2016	V6/3.0 Liter	PR Code J2D, 0K0, 0K2	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2022-18	V6/3.0 Liter	PR Code J2D, 0K0, 0K2	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-23	V6/3.0 Liter	Hybrid, PR Code J2D, 0K0, 0K2	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi S5								
2012-08	V8/4.2 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2012-08	V8/4.2 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2012-10	V8/4.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2012-10	V8/4.2 Liter	PR Code J0L	70 Ah	50 , 55 , 56 , 58			PV-48/H6-AGM	
2012-10	V8/4.2 Liter	PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2012-10	V8/4.2 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2012-10	V6/3.0 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2017-10	V6/3.0 Liter	PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2017-10	V6/3.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2022-10	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2024-10	V6/3.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-10	V6/3.0 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-12	V6/3.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-17	V6/3.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Audi S5 Sportback								
2024-18	V6/3.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-18	V6/3.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2024-18	V6/3.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-18	V6/3.0 Liter	PR Code J1U	95 Ah	50 , 55 , 56 , 58			PV-49/H8-AGM	
2024-18	V6/3.0 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi S6								
2002	V8/4.2 Liter		720 CCA	50 , 54			PV-49/H8-AGM	
2003	V8/4.2 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2003	V8/4.2 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2003	V8/4.2 Liter	PR Code J1R	82 Ah	50 , 55 , 56 , 58	PV-94R/H7	48		
2003	V8/4.2 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2011	V10/5.2 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2011	V10/5.2 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2011-07	V10/5.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2011-07	V10/5.2 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2011-09	V10/5.2 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2011-09	V10/5.2 Liter	PR Code J0R	80 Ah	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2018-13	V8/4.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-13	V8/4.0 Liter	PR Code J0L	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	
2018-13	V8/4.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2018-13	V8/4.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-13	V8/4.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2018-13	V8/4.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-20	V6/2.9 Liter	Hybrid, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi S7								
2018-13	V8/4.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-13	V8/4.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2018-13	V8/4.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-13	V8/4.0 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2018-13	V8/4.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2020	V6/2.7 Liter	Hybrid, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi S7 Sportback								
2024-20	V6/2.9 Liter	Hybrid, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi S8								
2003-01	V8/4.2 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56			PV-49/H8-AGM	
2003-02	V8/4.2 Liter	PR Code J0B	720 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2007	V10/5.2 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-13	V8/4.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-13	V8/4.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-13	V8/4.0 Liter	PR Code J1U	760 CCA	50 , 54 , 55 , 56 , 58			PV-49/H8-AGM	
2024-20	V8/4.0 Liter	Hybrid, PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-20	V8/4.0 Liter	Hybrid, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi SQ5								
2017-14	V6/3.0 Liter	PR Code J0L	70 Ah	50 , 55 , 56 , 58			PV-48/H6-AGM	
2017-14	V6/3.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2017-14	V6/3.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2024-14	V6/3.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-14	V6/3.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-14	V6/3.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Audi SQ5 Sportback								
2024-21	V6/3.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-21	V6/3.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-21	V6/3.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi SQ7								
2024-20	V8/4.0 Liter	Hybrid, PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-20	V8/4.0 Liter	Hybrid, PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-20	V8/4.0 Liter	Hybrid, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi SQ8								
2024-20	V8/4.0 Liter	Hybrid, PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024-20	V8/4.0 Liter	Hybrid, PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-20	V8/4.0 Liter	Hybrid, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi SQ8 e-tron								
2024		Electric, PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024		Electric, PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024		Electric, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi SQ8 e-tron Sportback								
2024		Electric, PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2024		Electric, PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024		Electric, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi TT RS Quattro								
2013-12	L5/2.5 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2013-12	L5/2.5 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2022-18	L5/2.5 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2022-18	L5/2.5 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
Audi TT, TT Quattro								
2006-04	V6/3.2 Liter	PR Code J0R	650 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2009-08	V6/3.2 Liter	PR Code J0R	650 CCA	50 , 54 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2009-08	V6/3.2 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2015-11	L4/2.0 Liter	PR Code J0N	540 CCA				PV-47/H5-AGM	48
2023-09	L4/2.0 Liter	PR Code J0R	800 CCA	50 , 55 , 56 , 58			PV-94R/H7-AGM	
2023-09	L4/2.0 Liter	PR Code J1N	640 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2023-16	L4/2.0 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2023-16	L4/2.0 Liter	PR Code J1U	95 Ah	50 , 55 , 56 , 58			PV-49/H8-AGM	
2023-16	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Audi TTS Quattro								
2023-09	L4/2.0 Liter	PR Code J0R	80 Ah	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2023-09	L4/2.0 Liter	PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2023-16	L4/2.0 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2023-16	L4/2.0 Liter	PR Code J1U	95 Ah	50 , 55 , 56 , 58			PV-49/H8-AGM	
2023-16	L4/2.0 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Bentley								
Bentley Continental								
2008-04	W12/6.0 Liter	Auxiliary - Left Side	900 CCA	33	PV-49/H8-AGM			
2008-04	W12/6.0 Liter	Right Side	650 CCA				PV-47/H5-AGM	
2013-09	W12/6.0 Liter	Right Side	610 CCA	54			PV-47/H5-AGM	
2014	W12/6.0 Liter	Primary Battery - Right Side	610 CCA	50 , 54			PV-47/H5-AGM	
2014-09	W12/6.0 Liter	Auxiliary - Left Side	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2014-13	V8/4.0 Liter	Auxiliary - Left Side	850 CCA	50 , 54			PV-49/H8-AGM	
2014-13	V8/4.0 Liter	Primary Battery - Right Side	610 CCA	50 , 54			PV-47/H5-AGM	
Bentley Flying Spur								
2017-14	W12/6.0 Liter		610 CCA				PV-47/H5-AGM	
2017-15	V8/4.0 Liter		610 CCA				PV-47/H5-AGM	
Bentley Mulsanne								
2014-11	V8/6.8 Liter	Auxiliary - Left Side	850 CCA	50 , 54			PV-49/H8-AGM	
2014-11	V8/6.8 Liter	Primary Battery - Right Side	610 CCA	50 , 54			PV-47/H5-AGM	
Bentley Turbo R								
1998-89	V8/6.8 Liter		700 CCA				PV-48/H6-AGM	
BMW								
BMW 1 Series M								
2011	L6/3.0 Liter		760 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
BMW 128i								
2013-08	L6/3.0 Liter	Option 1	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2013-08	L6/3.0 Liter	Option 2	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2013-08	L6/3.0 Liter	Option 3	720 CCA	18 , 50 , 54 , 56			PV-49/H8-AGM	
2013-08	L6/3.0 Liter	With Absorbed Glass-Mat, Option 2	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2013-08	L6/3.0 Liter	With Absorbed Glass-Mat, Option 3	760 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
2013-08	L6/3.0 Liter	With Absorbed Glass-Mat, Option 1	850 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
BMW 135, 135is								
2013-08	L6/3.0 Liter		570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2013-08	L6/3.0 Liter	Option 1	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2013-08	L6/3.0 Liter	Option 2	720 CCA	18 , 50 , 54 , 56			PV-49/H8-AGM	
2013-08	L6/3.0 Liter	With Absorbed Glass-Mat, Option 1	760 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
2013-08	L6/3.0 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013-08	L6/3.0 Liter	With Absorbed Glass-Mat, Option 3	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
BMW 228i								
2015-14	L4/2.0 Liter	Optional	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2016-14	L4/2.0 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2016-14	L4/2.0 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 228i Gran Coupe								
2024-21	L4/2.0 Liter		800 CCA	33 , 50 , 55 , 56	PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW 228i xDrive								
2016-15	L4/2.0 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2016-15	L4/2.0 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 228i xDrive Gran Coupe								
2024-20	L4/2.0 Liter		70 Ah	33 , 50 , 55 , 56	PV-48/H6-AGM			
2024-20	L4/2.0 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2024-20	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 55 , 56	PV-94R/H7-AGM			
BMW 230i								
2021-17	L4/2.0 Liter		900 CCA	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW 230i xDrive								
2021-17	L4/2.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW 320i xDrive								
2015-13	L4/2.0 Liter		800 CCA	18 , 33 , 50 , 54 , 56	PV-94R/H7-AGM			
2015-13	L4/2.0 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2016-13	L4/2.0 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-13	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2018-16	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW 320i, 320Xi								
2005-01	L6/2.2 Liter		570 CCA	18 , 33 , 50	PV-48/H6-AGM			
2005-01	L6/2.2 Liter	Optional	640 CCA	18 , 33 , 50 , 54 , 56	PV-94R/H7-AGM			
2016-12	L4/2.0 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-12	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2018-16	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW 323i, 323iS, 323Ci								
2000	L6/2.5 Liter	Convertible	640 CCA	18 , 50 , 54 , 56	PV-94R/H7		PV-94R/H7-AGM	
2000	L6/2.5 Liter	Except Convertible	750 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
2000-99	L6/2.5 Liter		765 CCA	18 , 50			PV-94R/H7-AGM	
2011-06	L6/2.5 Liter	Option 1	640 CCA	18 , 50	PV-94R/H7		PV-94R/H7-AGM	
2011-06	L6/2.5 Liter	With Absorbed Glass-Mat, Option 1	760 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
2011-06	L6/2.5 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2011-06	L6/2.5 Liter	With Absorbed Glass-Mat, Option 3	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2011-06	L6/2.5 Liter	Without Absorbed Glass-Mat, Option 1	570 CCA	18 , 50	PV-48/H6	48	PV-48/H6-AGM	
2011-06	L6/2.5 Liter	Without Absorbed Glass-Mat, Option 2	720 CCA	18 , 50 , 54 , 56			PV-49/H8-AGM	
BMW 325 Series								
2001	L6/2.5 Liter		640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2001	L6/2.5 Liter	Optional	570 CCA	18 , 50 , 54 , 56	PV-48/H6	48	PV-48/H6-AGM	
2003-01	L6/2.5 Liter		570 CCA	18 , 50 , 54 , 56	PV-48/H6	48	PV-48/H6-AGM	
2003-01	L6/2.5 Liter	Optional	640 CCA	18 , 50 , 54 , 56	PV-94R/H7		PV-94R/H7-AGM	
2003-02	L6/2.5 Liter	325i Super Ultra Low Emissions Vehicle with Absorbed Glass-Mat, Option 1	850 CCA	18 , 33 , 50	PV-49/H8-AGM			
2003-02	L6/2.5 Liter	Except SULEV, Option 1	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2003-02	L6/2.5 Liter	Except SULEV, Option 2	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW 325 Series (continued)								
2003-02	L6/2.5 Liter	Super Ultra Low Emissions Vehicle With Absorbed Glass-Mat, Option 2	900 CCA	18 , 33 , 50	PV-49/H8-AGM			
2005-04	L6/2.5 Liter	With M54 Engine	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2005-04	L6/2.5 Liter	With M54 Engine, Option 1	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2005-04	L6/2.5 Liter	With M54 or N52 Eng Without Absorbed Glass-Mat, Option 2	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2005-04	L6/2.5 Liter	With N52 Eng & Absorbed Glass-Mat, Option 1	760 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
2005-04	L6/2.5 Liter	With N52 Eng & Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50	PV-49/H8-AGM			
2005-04	L6/2.5 Liter	With N52 Eng & Absorbed Glass-Mat, Option 3	900 CCA	18 , 33 , 50	PV-49/H8-AGM			
2005-04	L6/2.5 Liter	With N52 Engine, Optional	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2005-04	L6/2.5 Liter	With N52 Engine, Without Absorbed Glass-Mat	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2005-04	L6/2.5 Liter	With N52 Engine, Without Absorbed Glass-Mat, Option 3	720 CCA	18 , 50 , 54			PV-49/H8-AGM	
2005-04	L6/2.5 Liter	With N52 or M54 Engine, Without Absorbed Glass-Mat, Option 1	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2006	L6/3.0 Liter	With Absorbed Glass-Mat, Option 1	760 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
2006	L6/3.0 Liter	With Absorbed Glass-Mat, Option 2	900 CCA	18 , 33 , 50 , 56	PV-49/H8-AGM			
2006	L6/3.0 Liter	With Absorbed Glass-Mat, Option 3	850 CCA	18 , 33 , 50 , 56	PV-49/H8-AGM			
2006	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 1	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2006	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 2	720 CCA	18 , 50 , 54 , 56			PV-49/H8-AGM	
2006	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 3	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2006-01	L6/2.5 Liter	Except SULEV	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2006-03	L6/2.5 Liter	325Ci Super Ultra Low Emissions Vehicle with Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50	PV-49/H8-AGM			
2006-03	L6/2.5 Liter	Super Ultra Low Emissions Vehicle With Absorbed Glass-Mat, Option 1	900 CCA	18 , 33 , 50	PV-49/H8-AGM			
BMW 328 Series								
1999	L6/2.8 Liter		765 CCA	18 , 50			PV-94R/H7-AGM	
2000	L6/2.8 Liter		750 CCA	18 , 50 , 54			PV-48/H6-AGM	
2000	L6/2.8 Liter	Optional	765 CCA	18 , 50			PV-94R/H7-AGM	
2008-07	L6/3.0 Liter	Absorbed Glass-Mat, Option 3	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW 328 Series (continued)								
2008-07	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 3	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2012	L4/2.0 Liter		800 CCA	18 , 33 , 50 , 54	PV-94R/H7-AGM			
2012-07	L6/3.0 Liter	Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2012-07	L6/3.0 Liter	With Absorbed Glass-Mat, Option 1	760 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
2012-07	L6/3.0 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2012-07	L6/3.0 Liter	With Absorbed Glass-Mat, Option 3	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2012-07	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 1	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2012-07	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 2	720 CCA	18 , 50 , 54			PV-49/H8-AGM	
2012-09	L6/3.0 Liter	Absorbed Glass-Mat, Option 3	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2012-09	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 3	640 CCA	18 , 50 , 54 , 56	PV-94R/H7		PV-94R/H7-AGM	
2013	L6/3.0 Liter		570 CCA	18 , 50 , 54 , 56	PV-48/H6	48	PV-48/H6-AGM	
2013	L6/3.0 Liter	Optional	760 CCA	18 , 33 , 50 , 54 , 56	PV-48/H6-AGM			
2013	L6/3.0 Liter	Optional	720 CCA	18 , 50 , 54 , 56			PV-49/H8-AGM	
2013	L6/3.0 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013	L6/3.0 Liter	Optional	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013	L6/3.0 Liter	Optional	640 CCA	18 , 50 , 54 , 56	PV-94R/H7		PV-94R/H7-AGM	
2014	L4/2.0 Liter	Option 1	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014	L4/2.0 Liter	Option 2	800 CCA	18 , 33 , 50 , 54 , 56	PV-94R/H7-AGM			
2014-12	L4/2.0 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014-13	L4/2.0 Liter		800 CCA	18 , 33 , 50 , 54 , 56	PV-94R/H7-AGM			
2015	L4/2.0 Liter	Optional	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2016-14	L4/2.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2016-14	L4/2.0 Liter	Diesel, Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2016-15	L4/2.0 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2016-15	L4/2.0 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-14	L4/2.0 Liter	Diesel	760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2018-16	L4/2.0 Liter	Diesel, Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW 330Ci, 330i, 330xi								
2001	L6/3.0 Liter		765 CCA	50			PV-94R/H7-AGM	
2005-02	L6/3.0 Liter		640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2006	L6/3.0 Liter		570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2018-17	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2018-17	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW 330e								
2018-16	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2018-16	L4/2.0 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-16	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2024-21	L4/2.0 Liter	Hybrid	80 Ah	33 , 50 , 55 , 56	PV-94R/H7-AGM			
2024-21	L4/2.0 Liter	Hybrid, Optional	760 CCA	33 , 50 , 55 , 56	PV-48/H6-AGM			
2024-21	L4/2.0 Liter	Hybrid, Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2024-21	L4/2.0 Liter	Hybrid, Optional	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW 330e xDrive								
2024-21	L4/2.0 Liter	Hybrid	80 Ah	33 , 50 , 55 , 56	PV-94R/H7-AGM			
2024-21	L4/2.0 Liter	Hybrid, Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2024-21	L4/2.0 Liter	Hybrid, Optional	90 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2024-21	L4/2.0 Liter	Hybrid, Optional	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW 330i								
2006	L6/3.0 Liter		570 CCA	18 , 50 , 54 , 56	PV-48/H6	48	PV-48/H6-AGM	
2006-02	L6/3.0 Liter		640 CCA	18 , 50 , 54 , 56	PV-94R/H7		PV-94R/H7-AGM	
2024-17	L4/2.0 Liter		70 Ah	33 , 50 , 55 , 56	PV-48/H6-AGM			
2024-17	L4/2.0 Liter	Optional	90 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2024-17	L4/2.0 Liter	Optional	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2024-17	L4/2.0 Liter	Optional	80 Ah	33 , 50 , 55 , 56	PV-94R/H7-AGM			
BMW 330i GT xDrive								
2018-17	L4/2.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 330i xDrive								
2024-17	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2024-17	L4/2.0 Liter	Optional	90 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2024-17	L4/2.0 Liter	Optional	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2024-17	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW 335 Series								
2013	L6/3.0 Liter		570 CCA	18 , 50 , 54 , 56	PV-48/H6	48	PV-48/H6-AGM	
2013	L6/3.0 Liter	Option 2	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013	L6/3.0 Liter	Optional	760 CCA	18 , 33 , 50 , 54 , 56	PV-48/H6-AGM			
2013	L6/3.0 Liter	Optional	720 CCA	18 , 50 , 54 , 56			PV-49/H8-AGM	
2013	L6/3.0 Liter	Optional	640 CCA	18 , 50 , 54 , 56	PV-94R/H7		PV-94R/H7-AGM	
2013-07	L6/3.0 Liter	With Absorbed Glass-Mat, Option 1	760 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
2013-07	L6/3.0 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013-07	L6/3.0 Liter	With Absorbed Glass-Mat, Option 3	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013-07	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 1	720 CCA	18 , 50 , 54 , 56			PV-49/H8-AGM	
2013-07	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 2	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2013-07	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 3	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2014	L6/3.0 Liter		800 CCA	18 , 33 , 50 , 54 , 56	PV-94R/H7-AGM			
2014	L6/3.0 Liter	Option 2	800 CCA	18 , 33 , 50 , 54 , 56	PV-94R/H7-AGM			
2014	L6/3.0 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014-13	L6/3.0 Liter	Option 1	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	L6/3.0 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2015	L6/3.0 Liter	Optional	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2019-17	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 340i								
2016	L6/3.0 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-16	L6/3.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2018-16	L6/3.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW 340i GT xDrive								
2018-17	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			

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BMW 340i xDrive								
2016	L6/3.0 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-16	L6/3.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2018-16	L6/3.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW 428i								
2016-14	L4/2.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 428i xDrive								
2015-14	L4/2.0 Liter	Convertible	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2015-14	L4/2.0 Liter	Coupe	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2016	L4/2.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 428i xDrive Gran Coupe								
2016-15	L4/2.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 430i								
2020-17	L4/2.0 Liter		92 Ah	33 , 50 , 54 , 55	PV-49/H8-AGM			
2024-21	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2024-21	L4/2.0 Liter		92 Ah	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2024-21	L4/2.0 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW 430i Gran Coupe								
2020-17	L4/2.0 Liter		92 Ah	33 , 50 , 54 , 55	PV-49/H8-AGM			
2024-21	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2024-21	L4/2.0 Liter		92 Ah	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2024-21	L4/2.0 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW 430i xDrive								
2020-17	L4/2.0 Liter		92 Ah	33 , 50 , 54 , 55	PV-49/H8-AGM			
2024-21	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2024-21	L4/2.0 Liter		92 Ah	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2024-21	L4/2.0 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW 430i xDrive Gran Coupe								
2020-17	L4/2.0 Liter		92 Ah	33 , 50 , 54 , 55	PV-49/H8-AGM			
2020-17	L4/2.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2024-23	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2024-23	L4/2.0 Liter		92 Ah	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2024-23	L4/2.0 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW 435i								
2014	L6/3.0 Liter		850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	L6/3.0 Liter	Coupe	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2015-14	L6/3.0 Liter	Convertible	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2016	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 435i Gran Coupe								
2016-15	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 435i xDrive								
2014	L6/3.0 Liter		850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	L6/3.0 Liter	Convertible	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2015	L6/3.0 Liter	Coupe	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2016	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 435i xDrive Gran Coupe								
2016-15	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 440i								
2020-17	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 440i Gran Coupe								
2020-17	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW 440i xDrive								
2020-17	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 440i xDrive Gran Coupe								
2020-17	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 525 Series								
2001	L6/2.5 Liter		760 CCA	50			PV-49/H8-AGM	
2004-02	L6/2.5 Liter	Option 1	720 CCA	18 , 50 , 54			PV-49/H8-AGM	
2005	L6/2.5 Liter	Optional	900 CCA	18 , 50			PV-49/H8-AGM	
2005-02	L6/2.5 Liter	Option 3	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2007-06	L6/3.0 Liter	Option 1	720 CCA	18 , 50 , 54			PV-49/H8-AGM	
2007-06	L6/3.0 Liter	Option 3	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
BMW 528 Series								
2000-97	L6/2.8 Liter		760 CCA	50			PV-49/H8-AGM	
2009-08	L6/3.0 Liter	With Absorbed Glass-Mat	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2009-08	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 1	720 CCA	18 , 50 , 54			PV-49/H8-AGM	
2009-08	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 2	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2011-10	L6/3.0 Liter	With Absorbed Glass-Mat, Option 1	850 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2011-10	L6/3.0 Liter	With Absorbed Glass-Mat, Option 2	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2011-10	L6/3.0 Liter	With Absorbed Glass-Mat, Option 3	800 CCA	18 , 33 , 50 , 54	PV-94R/H7-AGM			
2013-12	L4/2.0 Liter	With Absorbed Glass-Mat, Option 1	850 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2013-12	L4/2.0 Liter	With Absorbed Glass-Mat, Option 2	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013-12	L4/2.0 Liter	With Absorbed Glass-Mat, Option 3	800 CCA	18 , 33 , 50 , 54	PV-94R/H7-AGM			
2014	L4/2.0 Liter		850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014	L4/2.0 Liter	Optional	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2016-15	L4/2.0 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 530 Series								
2007-01	L6/3.0 Liter	Option 1	720 CCA	18 , 50 , 54			PV-49/H8-AGM	
2007-02	L6/3.0 Liter	Option 2	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2007-02	L6/3.0 Liter	With Absorbed Glass-Mat	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2018-17	L4/2.0 Liter	Optional	760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2018-17	L4/2.0 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 530e								
2021-18	L4/2.0 Liter	Hybrid	900 CCA	33 , 50 , 55 , 56	PV-49/H8-AGM			
2021-18	L4/2.0 Liter	Hybrid, Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
BMW 530e xDrive								
2018	L4/2.0 Liter	Hybrid	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2021-18	L4/2.0 Liter	Hybrid	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2021-18	L4/2.0 Liter	Hybrid, Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
BMW 530i								
2021-17	L4/2.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW 530i xDrive								
2018-17	L4/2.0 Liter	Optional	760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2018-17	L4/2.0 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2021-17	L4/2.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW 530Xi								
2007-06	L6/3.0 Liter		720 CCA	18 , 50 , 54 , 56			PV-49/H8-AGM	
2007-06	L6/3.0 Liter	Optional	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2007-06	L6/3.0 Liter	Optional	640 CCA	18 , 50 , 54 , 56	PV-94R/H7		PV-94R/H7-AGM	
BMW 535 Series								
2010-08	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 1	720 CCA	18 , 50 , 54			PV-49/H8-AGM	
2010-08	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 2	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2013-08	L6/3.0 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013-10	L6/3.0 Liter	With Absorbed Glass-Mat, Option 1	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013-11	L6/3.0 Liter	With Absorbed Glass-Mat, Option 3	800 CCA	18 , 33 , 50 , 54	PV-94R/H7-AGM			
2014	L6/3.0 Liter		850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014	L6/3.0 Liter	Option 1	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014	L6/3.0 Liter	Option 2	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2017-15	L6/3.0 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 540i								
2001-97	V8/4.4 Liter		760 CCA	50			PV-49/H8-AGM	
2003	V8/4.4 Liter	With Absorbed Glass-Mat	900 CCA	18 , 33 , 50	PV-49/H8-AGM			
2003-02	V8/4.4 Liter		720 CCA	18 , 50			PV-49/H8-AGM	
2018-17	L6/3.0 Liter	Optional	760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2021-17	L6/3.0 Liter		900 CCA	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW 540i xDrive								
2021-17	L6/3.0 Liter		900 CCA	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW 545i								
2004	V8/4.4 Liter	Optional	640 CCA	50 , 54 , 55 , 56	PV-94R/H7		PV-94R/H7-AGM	
2005	V8/4.4 Liter		640 CCA	18 , 50	PV-94R/H7		PV-94R/H7-AGM	
2005-04	V8/4.4 Liter	Optional	720 CCA	50 , 54 , 55 , 56			PV-49/H8-AGM	
2005-04	V8/4.4 Liter	Optional	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 550 Series								
2010-06	V8/4.8 Liter	Without Absorbed Glass-Mat, Option 1	720 CCA	18 , 50 , 54			PV-49/H8-AGM	
2010-06	V8/4.8 Liter	Without Absorbed Glass-Mat, Option 2	850 CCA	18 , 50 , 56			PV-49/H8-AGM	
2010-06	V8/4.8 Liter	Without Absorbed Glass-Mat, Option 3	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2013-11	V8/4.4 Liter	With Absorbed Glass-Mat, Option 1	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2013-11	V8/4.4 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2014	V8/4.4 Liter		850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014-10	V8/4.4 Liter		900 CCA	18 , 33 , 54	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW 550 Series (continued)								
2014-10	V8/4.4 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014-13	V8/4.4 Liter		900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2017-15	V8/4.4 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 640 Series								
2012	L6/3.0 Liter	With Absorbed Glass-Mat, Option 1	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2012	L6/3.0 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013	L6/3.0 Liter	Optional	900 CCA	18 , 33 , 54	PV-49/H8-AGM			
2014	L6/3.0 Liter		900 CCA	18 , 33 , 54	PV-49/H8-AGM			
2014-13	L6/3.0 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	L6/3.0 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 640i xDrive Gran Turismo								
2018	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018	L6/3.0 Liter	Auxiliary With Executive Drive	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
BMW 650 Series								
2010-06	V8/4.8 Liter	With Absorbed Glass-Mat, Option 1	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2010-06	V8/4.8 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2012	V8/4.4 Liter	With Absorbed Glass-Mat	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2014	V8/4.4 Liter		900 CCA	18 , 33 , 54	PV-49/H8-AGM			
2014	V8/4.4 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015-12	V8/4.4 Liter		850 CCA	18 , 33 , 54	PV-49/H8-AGM			
BMW 740 Series								
2014-11	L6/3.0 Liter		900 CCA	18 , 33 , 54	PV-49/H8-AGM			
2014-11	L6/3.0 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	L6/3.0 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-17	L6/3.0 Liter	Auxiliary With Executive Drive	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
BMW 740e xDrive								
2018	L4/2.0 Liter	Hybrid	600 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-17	L4/2.0 Liter	Hybrid, Auxiliary	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
BMW 740i								
2021-17	L6/3.0 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2021-20	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW 740i xDrive								
2019-17	L6/3.0 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2021-17	L6/3.0 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2021-20	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW 740Ld xDrive								
2015	L6/3.0 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 745e xDrive								
2021-20	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2021-20	L6/3.0 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
BMW 745i, 745 Li								
2005-02	V8/4.4 Liter	With Absorbed Glass-Mat	900 CCA	18 , 33 , 50 , 56	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW 750 Series								
2001	V12/5.4 Liter	Auxiliary Battery	650 CCA	50			PV-48/H6-AGM	
2008-06	V8/4.8 Liter	With Absorbed Glass-Mat, Option 1	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2008-06	V8/4.8 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2009	V8/4.4 Liter	Optional	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2011-09	V8/4.4 Liter	With Absorbed Glass-Mat, Option 1	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2012-11	V8/4.4 Liter	With Absorbed Glass-Mat Option 1 Including ActiveHybrid	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2012-11	V8/4.4 Liter	With Absorbed Glass-Mat Option 2 Including ActiveHybrid	850 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2014-10	V8/4.4 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014-11	V8/4.4 Liter		900 CCA	18 , 33 , 54	PV-49/H8-AGM			
2015	V8/4.4 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018	V8/4.4 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-17	V8/4.4 Liter	Auxiliary With Executive Drive	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
BMW 750i xDrive								
2021-16	V8/4.4 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2021-20	V8/4.4 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW 760i, 760Li								
2005-03	V12/6.0 Liter		900 CCA	18 , 50			PV-49/H8-AGM	
2008-06	V12/6.0 Liter		720 CCA	18 , 50			PV-49/H8-AGM	
2013-10	V12/6.0 Liter	With Absorbed Glass-Mat, Option 1	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2013-10	V12/6.0 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2014	V12/6.0 Liter		900 CCA	18 , 33 , 54	PV-49/H8-AGM			
2014	V12/6.0 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	V12/6.0 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW 840i								
2021-20	L6/3.0 Liter	Optional	90 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2021-20	L6/3.0 Liter	Optional	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW 840i Gran Coupe								
2021-20	L6/3.0 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2021-20	L6/3.0 Liter	Optional	90 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2021-20	L6/3.0 Liter	Optional	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW 840i xDrive								
2021-20	L6/3.0 Liter	Optional	90 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2021-20	L6/3.0 Liter	Optional	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW 840i xDrive Gran Coupe								
2021-20	L6/3.0 Liter	Optional		33 , 50 , 55 , 56	PV-47/H5-AGM			
2021-20	L6/3.0 Liter	Optional		33 , 50 , 55 , 56	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW ActiveHybrid 3								
2013	L6/3.0 Liter		800 CCA	18 , 33 , 50 , 54	PV-94R/H7-AGM			
2013	L6/3.0 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014	L6/3.0 Liter	Hybrid	800 CCA	18 , 33 , 50 , 54 , 56	PV-94R/H7-AGM			
2014	L6/3.0 Liter	Hybrid, Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	L6/3.0 Liter	Hybrid	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2015	L6/3.0 Liter	Hybrid, Optional	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW ActiveHybrid 5								
2013-12	L6/3.0 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013-12	L6/3.0 Liter	With Absorbed Glass-Mat, Option 3	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013-12	L6/3.0 Liter	Without Absorbed Glass-Mat	800 CCA	18 , 50 , 54 , 56			PV-94R/H7-AGM	
2014	L6/3.0 Liter	Hybrid	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014	L6/3.0 Liter	Hybrid, Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2016-15	L6/3.0 Liter	Hybrid	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW ActiveHybrid 7								
2013	L6/3.0 Liter		800 CCA	18 , 33 , 50 , 54	PV-94R/H7-AGM			
2013	L6/3.0 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014	L6/3.0 Liter	Hybrid	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014-13	L6/3.0 Liter	Hybrid, Optional	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	L6/3.0 Liter	Hybrid	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW Alpina B7								
2008-07	V8/4.4 Liter		720 CCA	50			PV-49/H8-AGM	
2013-11	V8/4.4 Liter	With Absorbed Glass-Mat	850 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2013-11	V8/4.4 Liter	With Absorbed Glass-Mat, Including xDrive	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2014	V8/4.4 Liter		900 CCA	18 , 33 , 54	PV-49/H8-AGM			
2014	V8/4.4 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	V8/4.4 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2019-17	V8/4.4 Liter	Optional	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2021-17	V8/4.4 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2021-20	V8/4.4 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW Alpina B7 xDrive								
2013-11	V8/4.4 Liter	With Absorbed Glass-Mat	850 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2013-11	V8/4.4 Liter	With Absorbed Glass-Mat, Including xDrive	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2014	V8/4.4 Liter		900 CCA	18 , 33 , 54	PV-49/H8-AGM			
2014	V8/4.4 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	V8/4.4 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW Alpina B7L								
2013-11	V8/4.4 Liter	With Absorbed Glass-Mat	850 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2013-11	V8/4.4 Liter	With Absorbed Glass-Mat, Including xDrive	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2014	V8/4.4 Liter		900 CCA	18 , 33 , 54	PV-49/H8-AGM			
2014	V8/4.4 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	V8/4.4 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW Alpina B7L xDrive								
2013-11	V8/4.4 Liter	With Absorbed Glass-Mat	850 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2013-11	V8/4.4 Liter	With Absorbed Glass-Mat, Including xDrive	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2014	V8/4.4 Liter		900 CCA	18 , 33 , 54	PV-49/H8-AGM			
2014	V8/4.4 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	V8/4.4 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW M2								
2021-16	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW M235i								
2016	L6/3.0 Liter	Convertible or Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2016-14	L6/3.0 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW M235i xDrive								
2016	L6/3.0 Liter	Convertible or Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2016-15	L6/3.0 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
BMW M235i xDrive Gran Coupe								
2021-20	L4/2.0 Liter		70 Ah	33 , 50 , 55 , 56	PV-48/H6-AGM			
2021-20	L4/2.0 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2021-20	L4/2.0 Liter	Optional	80 Ah	33 , 50 , 55 , 56	PV-94R/H7-AGM			
BMW M240i								
2021-17	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2021-17	L6/3.0 Liter	Optional	80 Ah	33 , 50 , 55 , 56	PV-94R/H7-AGM			
BMW M240i xDrive								
2021-17	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW M3								
2001	L6/3.2 Liter		765 CCA	50			PV-94R/H7-AGM	
2005-02	L6/3.2 Liter		640 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2006	L6/3.2 Liter		570 CCA	18 , 50	PV-48/H6	48	PV-48/H6-AGM	
2013-08	V8/4.0 Liter	With Absorbed Glass-Mat, Option 1	760 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
2013-08	V8/4.0 Liter	With Absorbed Glass-Mat, Option 2	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013-08	V8/4.0 Liter	With Absorbed Glass-Mat, Option 3	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013-08	V8/4.0 Liter	Without Absorbed Glass-Mat, Option 1	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2013-08	V8/4.0 Liter	Without Absorbed Glass-Mat, Option 2	720 CCA	18 , 50 , 54 , 56			PV-49/H8-AGM	
2013-08	V8/4.0 Liter	Without Absorbed Glass-Mat, Option 3	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
BMW M340i								
2021-20	L6/3.0 Liter		80 Ah	33 , 50 , 55 , 56	PV-94R/H7-AGM			
2021-20	L6/3.0 Liter	Optional	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW M340i xDrive								
2021-20	L6/3.0 Liter		80 Ah	33 , 50 , 55 , 56	PV-94R/H7-AGM			
2021-20	L6/3.0 Liter	Optional	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW M440i								
2024-21	L6/3.0 Liter	Hybrid	760 CCA	33 , 50 , 54 , 55	PV-48/H6-AGM			
2024-21	L6/3.0 Liter	Hybrid, Optional	92 Ah	33 , 50 , 54 , 55	PV-49/H8-AGM			
2024-21	L6/3.0 Liter	Hybrid, Optional	800 CCA	33 , 50 , 54 , 55	PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW M440i Gran Coupe								
2024-21	L6/3.0 Liter	Hybrid	760 CCA	33 , 50 , 54 , 55	PV-48/H6-AGM			
2024-21	L6/3.0 Liter	Hybrid, Optional	92 Ah	33 , 50 , 54 , 55	PV-49/H8-AGM			
2024-21	L6/3.0 Liter	Hybrid, Optional	800 CCA	33 , 50 , 54 , 55	PV-94R/H7-AGM			
BMW M440i x Drive, X Drive Gran Coupe								
2024-21	L6/3.0 Liter	Hybrid	760 CCA	33 , 50 , 54 , 55	PV-48/H6-AGM			
2024-21	L6/3.0 Liter	Hybrid, Optional	92 Ah	33 , 50 , 54 , 55	PV-49/H8-AGM			
2024-21	L6/3.0 Liter	Hybrid, Optional	800 CCA	33 , 50 , 54 , 55	PV-94R/H7-AGM			
BMW M5								
2010-06	V10/5.0 Liter	With Absorbed Glass-Mat, Option 1	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2010-06	V10/5.0 Liter	Without Absorbed Glass-Mat, Option 1	720 CCA	18 , 50 , 54 , 56			PV-49/H8-AGM	
2010-06	V10/5.0 Liter	Without Absorbed Glass-Mat, Optional	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2014-12	V8/4.4 Liter		900 CCA	18 , 33 , 54	PV-49/H8-AGM			
2014-12	V8/4.4 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2016-15	V8/4.4 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW M550i xDrive								
2020-18	V8/4.4 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2021-18	V8/4.4 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW M6								
2010-06	V10/5.0 Liter	With Absorbed Glass-Mat, Option 1	900 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2010-06	V10/5.0 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2013-12	V8/4.4 Liter		900 CCA	18 , 33 , 54	PV-49/H8-AGM			
2014	V8/4.4 Liter		900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014-12	V8/4.4 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2015	V8/4.4 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
BMW M6 Gran Coupe								
2019-14	V8/4.4 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2019-14	V8/4.4 Liter		850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
BMW M760i xDrive								
2021-17	V12/6.6 Liter		900 CCA	33 , 50 , 55 , 56	PV-49/H8-AGM			
2021-17	V12/6.6 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
BMW M850i xDrive								
2021-19	V8/4.4 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2021-19	V8/4.4 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
BMW M850i xDrive Gran Coupe								
2021-20	V8/4.4 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2021-20	V8/4.4 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
BMW X1								
2015-12	L4/2.0 Liter		570 CCA	50 , 54 , 55 , 56	PV-48/H6	48	PV-48/H6-AGM	
2015-12	L4/2.0 Liter	Optional	760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2015-12	L4/2.0 Liter	Optional	640 CCA	50 , 54 , 55 , 56	PV-94R/H7		PV-94R/H7-AGM	
2015-12	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2015-13	L6/3.0 Liter		570 CCA	50 , 54 , 55 , 56	PV-48/H6	48	PV-48/H6-AGM	
2015-13	L6/3.0 Liter	Optional	640 CCA	18 , 50 , 54 , 56	PV-94R/H7		PV-94R/H7-AGM	
2015-13	L6/3.0 Liter	Optional	800 CCA	18 , 33 , 50 , 54 , 56	PV-94R/H7-AGM			
2019-16	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			

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BMW X1 (continued)								
2019-16	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2022-20	L4/2.0 Liter		80 Ah	33 , 50 , 55 , 56	PV-94R/H7-AGM			
2024-23	L4/2.0 Liter		760 CCA	33 , 50 , 55 , 56	PV-48/H6-AGM			
BMW X2								
2021-18	L4/2.0 Liter		70 Ah	33 , 50 , 55 , 56	PV-48/H6-AGM			
2021-18	L4/2.0 Liter	Optional	80 Ah	33 , 50 , 55 , 56	PV-94R/H7-AGM			
BMW X3								
2005-04	L6/2.5 Liter	Optional	720 CCA	18 , 50 , 56			PV-49/H8-AGM	
2006	L6/2.5 Liter	Optional	720 CCA	50 , 54 , 55 , 56			PV-49/H8-AGM	
2006-04	L6/2.5 Liter		570 CCA	18 , 50 , 56	PV-48/H6	48	PV-48/H6-AGM	
2006-04	L6/2.5 Liter	Optional	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2006-04	L6/2.5 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2010-04	L6/3.0 Liter	Without Absorbed Glass-Mat, Option 2	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2010-04	L6/3.0 Liter	Without Absorbed Glass-Mat, Optional	720 CCA	18 , 50 , 54 , 56			PV-49/H8-AGM	
2011-04	L6/3.0 Liter	With Absorbed Glass-Mat, Optional	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013	L4/2.0 Liter	Option 2	800 CCA	18 , 33 , 50 , 54 , 56	PV-94R/H7-AGM			
2014	L4/2.0 Liter	Optional	800 CCA	18 , 33 , 50 , 54 , 56	PV-94R/H7-AGM			
2014-13	L4/2.0 Liter		900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2017-13	L4/2.0 Liter	Optional	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2017-15	L4/2.0 Liter	Diesel	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2017-15	L4/2.0 Liter	Diesel, Optional	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2017-16	L4/2.0 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2018	L4/2.0 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-11	L6/3.0 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-11	L6/3.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2018-15	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2024-19	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2024-19	L6/3.0 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2024-19	L6/3.0 Liter	Optional	800 CCA	33 , 50 , 55 , 56	PV-94R/H7-AGM			
2024-19	L4/2.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2024-19	L4/2.0 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2024-19	L4/2.0 Liter	Optional	80 Ah	33 , 50 , 55 , 56	PV-94R/H7-AGM			
BMW X4								
2018-15	L6/3.0 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-15	L6/3.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2018-15	L4/2.0 Liter		850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-15	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2021-19	L4/2.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2024-19	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2024-23	L4/2.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW X5								
2001	L6/3.0 Liter		765 CCA	50			PV-94R/H7-AGM	
2001-00	V8/4.4 Liter		760 CCA	50			PV-49/H8-AGM	
2002	V8/4.6 Liter		720 CCA	50			PV-49/H8-AGM	
2002	V8/4.4 Liter		720 CCA	50			PV-49/H8-AGM	
2002	L6/3.0 Liter	Optional	720 CCA	50			PV-49/H8-AGM	
2003	V8/4.4 Liter		740 CCA	50			PV-49/H8-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW X5 (continued)								
2003-00	V8/4.4 Liter		720 CCA	50 , 54 , 55 , 56			PV-49/H8-AGM	
2003-02	V8/4.6 Liter		720 CCA	50 , 54 , 55 , 56			PV-49/H8-AGM	
2003-02	V8/4.6 Liter		740 CCA	50			PV-49/H8-AGM	
2003-02	V8/4.6 Liter	Optional	640 CCA	50 , 54 , 55 , 56	PV-94R/H7		PV-94R/H7-AGM	
2005	V8/4.4 Liter	Optional	720 CCA	18 , 33 , 50 , 54	PV-49/H8-AGM			
2005-01	L6/3.0 Liter		720 CCA	50 , 54 , 55 , 56			PV-49/H8-AGM	
2005-02	L6/3.0 Liter		640 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2006	L6/3.0 Liter		720 CCA	18 , 50 , 54			PV-49/H8-AGM	
2006-00	V8/4.4 Liter	Optional	640 CCA	50 , 54 , 55 , 56	PV-94R/H7		PV-94R/H7-AGM	
2006-01	L6/3.0 Liter	Optional	640 CCA	50 , 54 , 55 , 56	PV-94R/H7		PV-94R/H7-AGM	
2006-04	V8/4.8 Liter		720 CCA	18 , 50 , 54			PV-49/H8-AGM	
2006-04	V8/4.8 Liter	Optional	640 CCA	18 , 50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2006-04	V8/4.4 Liter		720 CCA	18 , 50			PV-49/H8-AGM	
2008-07	L6/3.0 Liter	With Absorbed Glass-Mat, Option 1	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2008-07	L6/3.0 Liter	With Absorbed Glass-Mat, Option 2	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2009	L6/3.0 Liter	Diesel, Optional	570 CCA	18	PV-48/H6	48	PV-48/H6-AGM	
2010	V8/4.4 Liter	With Absorbed Glass-Mat, Option 3	570 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
2010	L6/3.0 Liter	Diesel, Optional	570 CCA	18 , 54	PV-48/H6	48	PV-48/H6-AGM	
2010-07	V8/4.8 Liter	With Absorbed Glass-Mat, Option 1	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2010-07	V8/4.8 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 56	PV-49/H8-AGM			
2010-09	L6/3.0 Liter	Option 1	850 CCA	18 , 33 , 50 , 56	PV-49/H8-AGM			
2010-09	L6/3.0 Liter	Option 2	900 CCA	18 , 33 , 50 , 56	PV-49/H8-AGM			
2011	V8/4.4 Liter		570 CCA	33 , 50 , 54 , 55	PV-48/H6-AGM			
2011	V8/4.4 Liter	With Absorbed Glass-Mat, Option 4	750 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
2012	V8/4.4 Liter	Without Absorbed Glass-Mat, Option 1	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2012-09	L6/3.0 Liter	With Absorbed Glass-Mat, Option 1	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2012-09	L6/3.0 Liter	With Absorbed Glass-Mat, Option 2	850 CCA	18 , 33 , 50 , 56	PV-49/H8-AGM			
2012-10	V8/4.4 Liter	With Absorbed Glass-Mat, Option 1	850 CCA	18 , 33 , 50 , 56	PV-49/H8-AGM			
2012-10	V8/4.4 Liter	With Absorbed Glass-Mat, Option 2	900 CCA	18 , 33 , 50 , 56	PV-49/H8-AGM			
2012-11	L6/3.0 Liter	Diesel, Without Absorbed Glass-Mat Option	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2012-11	L6/3.0 Liter	Gas, Without Absorbed Glass-Mat, Option 1	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2013	V8/4.4 Liter		570 CCA	18 , 50 , 54 , 56	PV-48/H6	48	PV-48/H6-AGM	
2013	V8/4.4 Liter	Option 1	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013	V8/4.4 Liter	Option 2	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013	L6/3.0 Liter	Diesel	570 CCA	50 , 54 , 55 , 56	PV-48/H6	48	PV-48/H6-AGM	
2013	L6/3.0 Liter	Diesel, Optional	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013	L6/3.0 Liter	Gas	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW X5 (continued)								
2013	L6/3.0 Liter	Gas, Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2013	L6/3.0 Liter	Optional	570 CCA	18 , 54	PV-48/H6	48	PV-48/H6-AGM	
2013-11	L6/3.0 Liter	Diesel, Optional	850 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2017-14	V8/4.4 Liter	Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018	V8/4.4 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-11	L6/3.0 Liter	Diesel, Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-14	L6/3.0 Liter	Gas, Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2018-16	L4/2.0 Liter	Hybrid, Optional	900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2022-19	V8/4.4 Liter		80 Ah	33 , 50 , 55 , 56	PV-94R/H7-AGM			
2022-19	V8/4.4 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2022-19	V8/4.4 Liter	Optional	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2022-19	L6/3.0 Liter		80 Ah	33 , 50 , 55 , 56	PV-94R/H7-AGM			
2022-19	L6/3.0 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2022-19	L6/3.0 Liter	Optional	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2023	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2023	L6/3.0 Liter	Optional	800 CCA	33 , 50 , 55 , 56	PV-94R/H7-AGM			
2024-23	V8/4.4 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2024-23	V8/4.4 Liter	Optional	800 CCA	33 , 50 , 55 , 56	PV-94R/H7-AGM			
BMW X6								
2010-08	V8/4.4 Liter	Option 1	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2010-08	V8/4.4 Liter	Option 2	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2010-08	L6/3.0 Liter	Option 1	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2010-08	L6/3.0 Liter	Option 2	900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2010-09	V8/4.4 Liter	With Absorbed Glass-Mat	900 CCA	18 , 33 , 50	PV-49/H8-AGM			
2011	L6/3.0 Liter	Optional	850 CCA	18 , 33 , 50	PV-49/H8-AGM			
2011-10	V8/4.4 Liter	Hybrid	760 CCA	18 , 33 , 54	PV-48/H6-AGM			
2012	L6/3.0 Liter	With Absorbed Glass-Mat	850 CCA	18 , 33 , 50	PV-49/H8-AGM			
2012-08	V8/4.4 Liter	Optional	570 CCA	18 , 50 , 54	PV-48/H6	48	PV-48/H6-AGM	
2012-08	L6/3.0 Liter	With Absorbed Glass-Mat	570 CCA	18 , 33 , 50 , 54	PV-48/H6-AGM			
2012-09	V8/4.4 Liter	With Absorbed Glass-Mat	850 CCA	18 , 33 , 50	PV-49/H8-AGM			
2014-13	V8/4.4 Liter		570 CCA	18 , 50 , 54 , 56	PV-48/H6	48	PV-48/H6-AGM	
2014-13	V8/4.4 Liter		900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014-13	V8/4.4 Liter	Optional	570 CCA	18 , 50 , 54 , 56	PV-48/H6	48	PV-48/H6-AGM	
2014-13	V8/4.4 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014-13	L6/3.0 Liter		570 CCA	18 , 50 , 54 , 56	PV-48/H6	48	PV-48/H6-AGM	
2014-13	L6/3.0 Liter		900 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2014-13	L6/3.0 Liter	Optional	850 CCA	18 , 33 , 50 , 54 , 56	PV-49/H8-AGM			
2019-15	V8/4.4 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2019-15	L6/3.0 Liter		900 CCA	33 , 50 , 54 , 55 , 56	PV-49/H8-AGM			
2022-20	V8/4.4 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2022-20	V8/4.4 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2022-20	L6/3.0 Liter	Auxiliary, Lithium Ion Only	92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2022-20	L6/3.0 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2023-20	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2024-23	V8/4.4 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
BMW X7								
2022-19	V8/4.4 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2022-19	V8/4.4 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2022-19	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2022-19	L6/3.0 Liter	Optional	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2024	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2024-23	V8/4.4 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW Z3								
1998-96	L4/1.9 Liter		650 CCA	50			PV-48/H6-AGM	
2000-97	L6/2.8 Liter		650 CCA	50			PV-48/H6-AGM	
2001	L6/3.0 Liter		650 CCA	50			PV-48/H6-AGM	
2001-98	L6/3.2 Liter		650 CCA	50			PV-48/H6-AGM	
2001-99	L6/2.5 Liter		650 CCA	50			PV-48/H6-AGM	
2002	L6/3.2 Liter		570 CCA	50	PV-48/H6		PV-48/H6-AGM	
2002	L6/3.0 Liter		570 CCA	50	PV-48/H6	48	PV-48/H6-AGM	
2002	L6/2.5 Liter		570 CCA	50	PV-48/H6	48	PV-48/H6-AGM	
BMW Z4								
2003	L6/3.0 Liter		570 CCA	50	PV-48/H6		PV-48/H6-AGM	
2003	L6/2.5 Liter		570 CCA	50	PV-48/H6	48	PV-48/H6-AGM	
2005-03	L6/3.0 Liter	Heavy Duty, Telematics	640 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2005-04	L6/3.0 Liter		480 CCA	50	PV-47/H5		PV-47/H5-AGM	
2005-04	L6/3.0 Liter	Optional	570 CCA	50	PV-48/H6	48	PV-48/H6-AGM	
2005-04	L6/2.5 Liter		480 CCA	50	PV-47/H5		PV-47/H5-AGM	
2005-04	L6/2.5 Liter	Heavy Duty, Telematics	640 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2005-04	L6/2.5 Liter	Optional	570 CCA	50	PV-48/H6	48	PV-48/H6-AGM	
2008-06	L6/3.2 Liter		480 CCA	18 , 50	PV-47/H5		PV-47/H5-AGM	
2008-06	L6/3.0 Liter		480 CCA	50 , 54 , 55 , 56	PV-47/H5		PV-47/H5-AGM	
2008-06	L6/3.0 Liter	Optional	570 CCA	18 , 50 , 54 , 56	PV-48/H6	48	PV-48/H6-AGM	
2008-06	L6/3.0 Liter	Optional	640 CCA	18 , 50 , 54 , 56	PV-94R/H7		PV-94R/H7-AGM	
2016-09	L6/3.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2016-09	L6/3.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2016-12	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2016-12	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2021-19	L4/2.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
2021-20	L6/3.0 Liter		92 Ah	33 , 50 , 55 , 56	PV-49/H8-AGM			
BMW Z8								
2001-00	V8/5.0 Liter		760 CCA	50			PV-49/H8-AGM	
2002	V8/5.0 Liter		720 CCA	50			PV-49/H8-AGM	
2003	V8/4.8 Liter		740 CCA	50			PV-49/H8-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Buick								
Buick Allure								
2010	V6/3.6 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2010	V6/3.0 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
Buick Cascada								
2016	L4/1.6 Liter		800 CCA 33		PV-94R/H7-AGM			
2019-17	L4/1.6 Liter		730 CCA 33 , 50		PV-94R/H7-AGM			
Buick Century								
1996-93	L4/2.2 Liter		525 CCA				PV-75DT	
1996-94	V6/3.1 Liter		525 CCA				PV-75DT	
2005-97	V6/3.1 Liter		600 CCA		PV-78		PV-78DT	
Buick Enclave								
2009-08	V6/3.6 Liter		730 CCA 50				PV-48/H6-AGM	
2017-10	V6/3.6 Liter		660 CCA 50				PV-48/H6-AGM	
2024-18	V6/3.6 Liter		730 CCA 33 , 50		PV-94R/H7-AGM			
Buick Encore								
2015-13	L4/1.4 Liter		525 CCA 50				PV-47/H5-AGM	
2019-16	L4/1.4 Liter	With Start-Stop	700 CCA 33		PV-48/H6-AGM			
2019-16	L4/1.4 Liter	Without Start-Stop	525 CCA				PV-47/H5-AGM	
2023-20	L4/1.4 Liter		525 CCA				PV-47/H5-AGM	
Buick Encore GX								
2024-20	L3/1.3 Liter		760 CCA 33 , 50		PV-48/H6-AGM			
2024-20	L3/1.2 Liter		760 CCA 33 , 50		PV-48/H6-AGM			
Buick Envision								
2019-16	L4/2.0 Liter	With Start-Stop	720 CCA 33 , 50		PV-94R/H7-AGM			
2019-17	L4/2.5 Liter	With Start-Stop	720 CCA 33 , 50		PV-94R/H7-AGM			
2020	L4/2.0 Liter		730 CCA 33 , 50		PV-94R/H7-AGM			
2024-20	L4/2.0 Liter		730 CCA 33 , 50		PV-94R/H7-AGM			
Buick Envista								
2024	L3/1.2 Liter		760 CCA 33 , 50		PV-48/H6-AGM			
Buick LaCrosse								
2010	V6/3.0 Liter		615 CCA 50		PV-48/H6		PV-48/H6-AGM	
2011-10	L4/2.4 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2016-10	V6/3.6 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2016-12	L4/2.4 Liter	Hybrid	525 CCA				PV-47/H5-AGM	
2017	V6/3.6 Liter		730 CCA 33		PV-94R/H7-AGM			
2019-18	V6/3.6 Liter		850 CCA 33		PV-94R/H7-AGM			
2019-18	L4/2.5 Liter	Hybrid	615 CCA		PV-48/H6		PV-48/H6-AGM	
Buick Lucerne								
2008	V8/4.6 Liter		730 CCA 50				PV-48/H6-AGM	
2008	V6/3.8 Liter		730 CCA 50				PV-48/H6-AGM	
2011-09	V8/4.6 Liter		720 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2011-09	V6/3.9 Liter		720 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
Buick Park Avenue								
1995-94	V6/3.8 Liter		600 CCA		PV-78		PV-78DT	
Buick Rainier								
2007-04	V8/5.3 Liter		600 CCA 40		PV-78		PV-78DT	
2007-04	L6/4.2 Liter		600 CCA 40		PV-78		PV-78DT	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Buick Regal								
1995-90	V6/3.1 Liter		525 CCA				PV-75DT	
1996	V6/3.1 Liter		600 CCA		PV-78		PV-78DT	
2004	V6/3.8 Liter		600 CCA		PV-78		PV-78DT	
2016-12	L4/2.4 Liter	Gas	615 CCA		PV-48/H6		PV-48/H6-AGM	
2016-12	L4/2.4 Liter	Hybrid	525 CCA				PV-47/H5-AGM	
2017-11	L4/2.4 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2017-11	L4/2.0 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
Buick Regal Sportback								
2020-18	V6/3.6 Liter		720 CCA 33		PV-94R/H7-AGM			
2020-18	L4/2.0 Liter		720 CCA 33		PV-94R/H7-AGM			
Buick Regal TourX								
2020-18	L4/2.0 Liter		720 CCA 33		PV-94R/H7-AGM			
Buick Rendezvous								
2005-02	V6/3.4 Liter		600 CCA		PV-78			
2005-04	V6/3.6 Liter		600 CCA		PV-78			
2007-06	V6/3.5 Liter		600 CCA		PV-78			
Buick Roadmaster								
1996-95	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
Buick Verano								
2016-13	L4/2.0 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2017-12	L4/2.4 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
Cadillac								
Cadillac ATS								
2015-13	V6/3.6 Liter	With Start-Stop	730 CCA 33 , 50		PV-94R/H7-AGM			
2016-13	L4/2.5 Liter	With Start-Stop	730 CCA 33 , 50		PV-94R/H7-AGM			
2016-13	L4/2.0 Liter	With Start-Stop	730 CCA 33 , 50		PV-94R/H7-AGM			
2016-15	V6/3.6 Liter		700 CCA 33 , 50		PV-48/H6-AGM			
2016-15	L4/2.5 Liter		700 CCA 33 , 50		PV-48/H6-AGM			
2016-15	L4/2.0 Liter		700 CCA 33 , 50		PV-48/H6-AGM			
2017-13	L4/2.5 Liter	Without Start-Stop	700 CCA 33 , 50		PV-48/H6-AGM			
2017-16	L4/2.5 Liter	With Start-Stop	730 CCA 33 , 50		PV-94R/H7-AGM			
2018	L4/2.0 Liter	With Start-Stop	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018	L4/2.0 Liter	Without Start-Stop	700 CCA				PV-48/H6-AGM	
2019-13	V6/3.6 Liter	With Start-Stop	730 CCA 33 , 50		PV-94R/H7-AGM			
2019-13	V6/3.6 Liter	Without Start-Stop	700 CCA 33 , 50		PV-48/H6-AGM			
2019-13	L4/2.0 Liter	With Start-Stop	730 CCA 33 , 50		PV-94R/H7-AGM			
2019-13	L4/2.0 Liter	Without Start-Stop	700 CCA 33 , 50		PV-48/H6-AGM			
Cadillac CT4								
2021-20	L4/2.7 Liter		730 CCA 33 , 50		PV-94R/H7-AGM			
2021-20	L4/2.0 Liter		730 CCA 33 , 50		PV-94R/H7-AGM			
2024-22	V6/3.6 Liter		700 CCA 33 , 50		PV-48/H6-AGM			
2024-23	L4/2.7 Liter		730 CCA 33 , 50		PV-94R/H7-AGM			
2024-23	L4/2.0 Liter		730 CCA 33 , 50		PV-94R/H7-AGM			
Cadillac CT5								
2021-20	V6/3.0 Liter		730 CCA 33 , 50		PV-94R/H7-AGM			
2021-20	L4/2.0 Liter		730 CCA 33 , 50		PV-94R/H7-AGM			
2024-22	V8/6.2 Liter		700 CCA 33 , 50		PV-48/H6-AGM			
2024-23	V6/3.0 Liter		730 CCA 33 , 50		PV-94R/H7-AGM			
2024-23	L4/2.0 Liter		730 CCA 33 , 50		PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Cadillac CT6								
2016	V6/3.6 Liter	With Start-Stop	850 CCA	33	PV-49/H8-AGM			
2016	V6/3.0 Liter	With Start-Stop	850 CCA	33	PV-49/H8-AGM			
2016	L4/2.0 Liter	With Start-Stop	850 CCA	33 , 50	PV-49/H8-AGM			
2016	L4/2.0 Liter	With Start-Stop	850 CCA	33	PV-49/H8-AGM			
2018-17	V6/3.6 Liter	With Start-Stop	850 CCA	33 , 50	PV-49/H8-AGM			
2018-17	V6/3.0 Liter	With Start-Stop	850 CCA	33 , 50	PV-49/H8-AGM			
2018-17	L4/2.0 Liter	Hybrid	730 CCA	33 , 50	PV-94R/H7-AGM			
2019	V6/3.0 Liter		730 CCA	33 , 50	PV-94R/H7-AGM			
2019	L4/2.0 Liter		730 CCA	33 , 50	PV-94R/H7-AGM			
2020-19	V8/4.2 Liter		850 CCA	33 , 50	PV-49/H8-AGM			
2020-19	V6/3.6 Liter		850 CCA	33 , 50	PV-49/H8-AGM			
Cadillac CTS								
2009	V8/6.2 Liter		730 CCA	50			PV-48/H6-AGM	
2009-08	V6/3.6 Liter		730 CCA	50			PV-48/H6-AGM	
2013-10	V8/6.2 Liter		660 CCA	50			PV-48/H6-AGM	
2013-10	V6/3.6 Liter		660 CCA	50			PV-48/H6-AGM	
2013-10	V6/3.0 Liter		660 CCA	50			PV-48/H6-AGM	
2014	V6/3.0 Liter	With Start-Stop	730 CCA	33 , 50	PV-94R/H7-AGM			
2014	V6/3.0 Liter	Without Start-Stop	660 CCA	50			PV-48/H6-AGM	
2015-14	V8/6.2 Liter	Without Start-Stop	660 CCA	50			PV-48/H6-AGM	
2015-14	V6/3.6 Liter	Without Start-Stop	660 CCA	50			PV-48/H6-AGM	
2015-14	L4/2.0 Liter	Without Start-Stop	660 CCA	50			PV-48/H6-AGM	
2019-14	V8/6.2 Liter	With Start-Stop	730 CCA	33 , 50	PV-94R/H7-AGM			
2019-14	V6/3.6 Liter	With Start-Stop	730 CCA	33 , 50	PV-94R/H7-AGM			
2019-14	L4/2.0 Liter	With Start-Stop	730 CCA	33 , 50	PV-94R/H7-AGM			
Cadillac DTS								
2008	V8/4.6 Liter		730 CCA	50			PV-48/H6-AGM	
2011-09	V8/4.6 Liter		720 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
Cadillac Escalade								
2000-99	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
2005-02	V8/5.3 Liter		600 CCA		PV-78		PV-75DT	
2006-02	V8/6.0 Liter		600 CCA		PV-78		PV-75DT	
2011-07	V8/6.2 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2011-09	V8/6.0 Liter	Hybrid	615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-09	V8/6.0 Liter	Hybrid, Optional	730 CCA				PV-48/H6-AGM	
2013-12	V8/6.0 Liter	Hybrid	660 CCA				PV-48/H6-AGM	
2015-09	V8/6.2 Liter	Optional	730 CCA				PV-48/H6-AGM	
2015-12	V8/6.2 Liter		660 CCA				PV-48/H6-AGM	
2021-15	V8/6.2 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2022	V8/6.2 Liter		850 CCA	33 , 50	PV-49/H8-AGM			
2024-21	L6/3.0 Liter	Diesel	850 CCA	33 , 50	PV-49/H8-AGM			
2024-22	V8/6.2 Liter		850 CCA	33 , 50	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Cadillac Escalade ESV								
2006-03	V8/6.0 Liter		600 CCA		PV-78		PV-75DT	
2011-07	V8/6.2 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2015-09	V8/6.2 Liter	Optional	730 CCA				PV-48/H6-AGM	
2015-12	V8/6.2 Liter		660 CCA				PV-48/H6-AGM	
2020-15	V8/6.2 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2021	V8/6.2 Liter		730 CCA	33 , 50	PV-94R/H7-AGM			
2024-21	L6/3.0 Liter		850 CCA	33 , 50	PV-49/H8-AGM			
2024-22	V8/6.2 Liter		850 CCA	33 , 50	PV-49/H8-AGM			
Cadillac Escalade EXT								
2006-02	V8/6.0 Liter		600 CCA		PV-78		PV-75DT	
2011-07	V8/6.2 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-09	V8/6.2 Liter	Optional	730 CCA				PV-48/H6-AGM	
2013-12	V8/6.2 Liter		660 CCA				PV-48/H6-AGM	
Cadillac SRX								
2009-08	V8/4.6 Liter		730 CCA				PV-48/H6-AGM	
2009-08	V6/3.6 Liter		730 CCA				PV-48/H6-AGM	
2011-10	V6/3.0 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2011-10	V6/2.8 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2016-12	V6/3.6 Liter		660 CCA				PV-48/H6-AGM	
Cadillac STS								
2009-08	V8/4.6 Liter		730 CCA				PV-48/H6-AGM	
2009-08	V8/4.4 Liter		730 CCA				PV-48/H6-AGM	
2009-08	V6/3.6 Liter		730 CCA				PV-48/H6-AGM	
2010	V8/4.6 Liter		660 CCA				PV-48/H6-AGM	
2011-10	V6/3.6 Liter		660 CCA				PV-48/H6-AGM	
Cadillac XT4								
2024-19	L4/2.0 Liter		730 CCA	33 , 50	PV-94R/H7-AGM			
Cadillac XT5								
2024-17	V6/3.6 Liter		730 CCA	33 , 50	PV-94R/H7-AGM			
2024-20	L4/2.0 Liter		730 CCA	33 , 50	PV-94R/H7-AGM			
Cadillac XT6								
2024-20	V6/3.6 Liter		730 CCA	33 , 50	PV-94R/H7-AGM			
2024-21	L4/2.0 Liter		730 CCA	33 , 50	PV-94R/H7-AGM			
Cadillac XTS								
2019-13	V6/3.6 Liter		660 CCA				PV-48/H6-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Chevrolet								
Chevrolet Astro								
2005-94	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
Chevrolet Avalanche								
2009	V8/6.0 Liter	Optional	730 CCA				PV-48/H6-AGM	
2009-07	V8/6.0 Liter	Without Heavy Duty	615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-07	V8/5.3 Liter	Without Heavy Duty	615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-09	V8/5.3 Liter	Optional	730 CCA				PV-48/H6-AGM	
Chevrolet Avalanche 1500								
2006-02	V8/5.3 Liter		600 CCA		PV-78		PV-75DT	
Chevrolet Avalanche 2500								
2006-02	V8/8.1 Liter		600 CCA		PV-78		PV-75DT	
Chevrolet Blazer								
2005-95	V6/4.3 Liter		525 CCA				PV-75DT	
2022-19	L4/2.5 Liter		720 CCA 33 , 50		PV-94R/H7-AGM			
2024-19	V6/3.6 Liter		720 CCA 33 , 50		PV-94R/H7-AGM			
2024-20	L4/2.0 Liter		720 CCA 33 , 50		PV-94R/H7-AGM			
Chevrolet C/K, R/V Pickups								
1998-94	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
1999-94	V8/5.0 Liter		600 CCA		PV-78		PV-78DT	
2000-94	V8/7.4 Liter		600 CCA		PV-78		PV-78DT	
2000-94	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
2000-97	V8/6.5 Liter	Diesel	600 CCA		PV-78		PV-78DT	
Chevrolet C/K, R/V Suburban								
1999	V8/7.4 Liter	Primary Battery	600 CCA		PV-78		PV-78DT	
1999-94	V8/7.4 Liter		600 CCA		PV-78		PV-78DT	
1999-94	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
1999-97	V8/6.5 Liter	Diesel	600 CCA		PV-78		PV-78DT	
Chevrolet Camaro								
1995-93	V6/3.4 Liter		525 CCA				PV-75DT	
2015-10	V8/6.2 Liter		720 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2015-10	V6/3.6 Liter		720 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2015-14	V8/7.0 Liter		730 CCA 50				PV-48/H6-AGM	
2023-16	L4/2.0 Liter		700 CCA 33 , 50		PV-48/H6-AGM			
2024-16	V8/6.2 Liter		700 CCA 33 , 50		PV-48/H6-AGM			
2024-16	V6/3.6 Liter		700 CCA 33 , 50		PV-48/H6-AGM			
Chevrolet Caprice, Impala								
1996-95	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
1996-95	V8/4.3 Liter		600 CCA		PV-78		PV-78DT	
2004-00	V6/3.8 Liter		600 CCA		PV-78		PV-78DT	
2005	V6/3.8 Liter	Supercharged	600 CCA		PV-78		PV-78DT	
2005-00	V6/3.4 Liter		600 CCA		PV-78		PV-78DT	
2013-12	V6/3.6 Liter	Caprice With Police Package	765 CCA 50				PV-94R/H7-AGM	
2014	V6/3.6 Liter	Caprice Auxiliary Battery	700 CCA 33 , 50		PV-48/H6-AGM			
2014	V6/3.6 Liter	Caprice Primary Battery	700 CCA 33 , 50		PV-48/H6-AGM			
2014	L4/2.4 Liter	Hybrid	525 CCA				PV-47/H5-AGM	
2014	L4/2.4 Liter	Hybrid	615 CCA		PV-48/H6		PV-48/H6-AGM	
2014-11	V8/6.0 Liter	Caprice With Police Package	765 CCA 50				PV-94R/H7-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Chevrolet Caprice, Impala (continued)								
2015	V8/6.0 Liter	Caprice	700 CCA	33 , 50	PV-48/H6-AGM			
2015-14	L4/2.5 Liter	With Start-Stop	850 CCA	33	PV-49/H8-AGM			
2016	V8/6.0 Liter	Caprice With Police Package	700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2016-14	L4/2.5 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2016-15	V8/6.0 Liter		700 CCA	33 , 50	PV-48/H6-AGM			
2017-14	V8/6.0 Liter	Caprice With Police Package, Optional Auxiliary Battery	700 CCA	33 , 50	PV-48/H6-AGM			
2017-14	V8/6.0 Liter	Caprice With Police Package, Primary Battery	700 CCA	33 , 50	PV-48/H6-AGM			
2017-14	V6/3.6 Liter	Caprice With Police Package, Optional Auxiliary Battery	700 CCA	33 , 50	PV-48/H6-AGM			
2017-14	V6/3.6 Liter	Caprice With Police Package, Primary Battery	700 CCA	33 , 50	PV-48/H6-AGM			
2017-14	V6/3.6 Liter	Impala, Except Police Package	615 CCA		PV-48/H6		PV-48/H6-AGM	
2018-16	L4/2.5 Liter	With Start-Stop	730 CCA	33	PV-94R/H7-AGM			
2019	V6/3.6 Liter	With Start-Stop	850 CCA	33	PV-94R/H7-AGM			
2019	L4/2.5 Liter	With Start-Stop	850 CCA	33	PV-94R/H7-AGM			
2019	L4/2.5 Liter	Without Start-Stop	615 CCA		PV-48/H6		PV-48/H6-AGM	
2019-18	V6/3.6 Liter	Without Start-Stop	615 CCA		PV-48/H6		PV-48/H6-AGM	
2020	V6/3.6 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2020-19	L4/2.5 Liter	With Start-Stop	850 CCA	33	PV-94R/H7-AGM			
Chevrolet Captiva Sport								
2012	V6/3.0 Liter		660 CCA				PV-48/H6-AGM	
2015-12	L4/2.4 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
Chevrolet Colorado								
2022-15	V6/3.6 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2022-15	L4/2.5 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2022-16	L4/2.8 Liter	Diesel	850 CCA	33	PV-49/H8-AGM			
2024-23	L4/2.7 Liter		730 CCA	33	PV-94R/H7-AGM			
Chevrolet Corvette								
2000-97	V8/5.7 Liter		600 CCA		PV-78			
2019-14	V8/6.2 Liter		615 CCA	50	PV-48/H6		PV-48/H6-AGM	
2024	V8/5.5 Liter		730 CCA				PV-48/H6-AGM	
2024-20	V8/6.2 Liter		730 CCA				PV-48/H6-AGM	
Chevrolet Cruze								
2014	L4/2.0 Liter	Diesel	730 CCA	33 , 50	PV-94R/H7-AGM			
2015	L4/2.0 Liter	Diesel	730 CCA	33	PV-94R/H7-AGM			
2015-11	L4/1.8 Liter		525 CCA				PV-47/H5-AGM	
2015-11	L4/1.4 Liter		525 CCA				PV-47/H5-AGM	
2016	L4/1.4 Liter	Limited	730 CCA	33	PV-94R/H7-AGM			
2016	L4/1.4 Liter	Premier	730 CCA	33	PV-94R/H7-AGM			
2018-16	L4/1.4 Liter	With Start-Stop	730 CCA	33 , 50	PV-94R/H7-AGM			
2018-16	L4/1.4 Liter	Without Start-Stop	525 CCA	50			PV-47/H5-AGM	
2018-16	L4/1.4 Liter	Without Start-Stop, Optional	615 CCA	50	PV-48/H6		PV-48/H6-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Chevrolet Cruze (continued)								
2019	L4/1.4 Liter		800 CCA 33 , 50		PV-94R/H7-AGM			
2019-17	L4/1.6 Liter	Diesel	720 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
Chevrolet Cruze Limited								
2016	L4/1.8 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2016	L4/1.4 Liter		730 CCA 33		PV-94R/H7-AGM			
Chevrolet Equinox								
2009-07	V6/3.4 Liter		650 CCA				PV-47/H5-AGM	
2009-08	V6/3.6 Liter		650 CCA				PV-47/H5-AGM	
2011-10	V6/3.0 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2012	V6/3.0 Liter		660 CCA				PV-48/H6-AGM	
2017-10	L4/2.4 Liter		525 CCA				PV-47/H5-AGM	
2017-13	V6/3.6 Liter		660 CCA				PV-48/H6-AGM	
2019-18	L4/1.6 Liter	Diesel	730 CCA 33		PV-48/H6-AGM			
2020-18	L4/2.0 Liter		730 CCA 33		PV-48/H6-AGM			
2024		Electric	600 CCA 33		PV-47/H5-AGM			
2024-18	L4/1.5 Liter		730 CCA 33		PV-48/H6-AGM			
Chevrolet Express Vans (1500-4500, Cargo)								
2000-96	V8/7.4 Liter		600 CCA		PV-78		PV-78DT	
2001-96	V8/6.5 Liter	Diesel	600 CCA		PV-78		PV-78DT	
2002-01	V8/8.1 Liter		600 CCA		PV-78		PV-78DT	
2002-96	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
2002-96	V8/5.0 Liter		600 CCA		PV-78		PV-78DT	
2014-03	V8/5.3 Liter		600 CCA		PV-78		PV-78DT	
2017-03	V8/4.8 Liter		600 CCA		PV-78		PV-78DT	
2020-03	V8/6.0 Liter		600 CCA		PV-78		PV-78DT	
2023-21	V8/6.6 Liter	2500, 3500	600 CCA		PV-78		PV-78DT	
2024-22	V8/6.6 Liter	3500	600 CCA		PV-78		PV-78DT	
2024-96	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
Chevrolet G-Series Vans								
1995-94	V8/5.0 Liter		600 CCA		PV-78		PV-78DT	
1996-94	V8/7.4 Liter		600 CCA		PV-78		PV-78DT	
1996-94	V8/6.5 Liter	Diesel	600 CCA		PV-78		PV-78DT	
1996-94	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
1996-94	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
Chevrolet Impala (See Caprice, Impala)								
Chevrolet K Series Pickup (See C/K, R/V Pickups)								
Chevrolet LLV								
1995-94	L4/2.2 Liter		525 CCA				PV-75DT	
Chevrolet Lumina, Lumina APV, Venture								
2001-96	V6/3.1 Liter		600 CCA		PV-78			
2005-97	V6/3.4 Liter		600 CCA		PV-78			
Chevrolet Malibu Limited								
2016	L4/2.5 Liter	With Start-Stop	730 CCA 33		PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Chevrolet Malibu, Monte Carlo								
1997-96	V6/3.4 Liter		600 CCA		PV-78			
1999-96	V6/3.1 Liter		600 CCA		PV-78			
2003-98	V6/3.8 Liter		600 CCA		PV-78			
2005-00	V6/3.4 Liter		600 CCA		PV-78			
2013	L4/2.5 Liter		525 CCA				PV-47/H5-AGM	
2014-13	L4/2.4 Liter	Hybrid	525 CCA				PV-47/H5-AGM	
2015-13	L4/2.0 Liter		525 CCA				PV-47/H5-AGM	
2015-14	L4/2.5 Liter	With Start-Stop	850 CCA 33		PV-49/H8-AGM			
2019-16	L4/1.8 Liter	Hybrid	525 CCA				PV-47/H5-AGM	
2022-16	L4/2.0 Liter		660 CCA				PV-48/H6-AGM	
2024-16	L4/1.5 Liter		700 CCA 33 , 50		PV-48/H6-AGM			
Chevrolet Metro								
2000-98	L3/1.0 Liter		390 CCA		PV-26R			
2001-98	L4/1.3 Liter		390 CCA		PV-26R			
Chevrolet Monte Carlo (See Malibu, Monte Carlo)								
Chevrolet Orlando								
2014-12	L4/2.4 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
Chevrolet P30								
1999-90	V8/7.4 Liter		600 CCA		PV-78		PV-78DT	
1999-91	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
1999-91	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
1999-94	V8/6.5 Liter		600 CCA		PV-78		PV-78DT	
Chevrolet R Series Pickup (See C/K, R/V Pickups)								
Chevrolet Silverado (1500, 2500, 3500)								
2005-01	V8/8.1 Liter		600 CCA		PV-78		PV-75DT	
2005-99	V8/6.0 Liter		600 CCA		PV-78		PV-75DT	
2005-99	V8/5.3 Liter		600 CCA		PV-78		PV-75DT	
2005-99	V8/4.8 Liter		600 CCA		PV-78		PV-75DT	
2005-99	V6/4.3 Liter		600 CCA		PV-78		PV-75DT	
2006	V8/8.1 Liter	Early 2007	600 CCA		PV-78		PV-75DT	
2007-01	V8/6.6 Liter	Diesel	600 CCA 2		PV-78		PV-75DT	
2007-06	V8/6.0 Liter	Early 2007	600 CCA		PV-78		PV-75DT	
2007-06	V8/5.3 Liter	Early 2007	600 CCA		PV-78		PV-75DT	
2007-06	V8/4.8 Liter	Early 2007	600 CCA		PV-78		PV-75DT	
2007-06	V6/4.3 Liter	Early 2007	600 CCA		PV-78		PV-75DT	
2008-07	V8/6.0 Liter	From Late 2007	615 CCA		PV-48/H6		PV-48/H6-AGM	
2008-07	V8/5.3 Liter	From Late 2007	615 CCA		PV-48/H6		PV-48/H6-AGM	
2008-07	V8/4.8 Liter	From Late 2007	615 CCA		PV-48/H6		PV-48/H6-AGM	
2008-07	V6/4.3 Liter	From Late 2007	615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-09	V8/6.2 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-09	V8/6.2 Liter	Optional	730 CCA				PV-48/H6-AGM	
2013-09	V8/6.0 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-09	V8/6.0 Liter	1500 Hybrid	730 CCA				PV-48/H6-AGM	
2013-09	V8/6.0 Liter	Optional	730 CCA				PV-48/H6-AGM	
2013-09	V8/5.3 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-09	V8/4.8 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-09	V8/4.8 Liter	Optional	730 CCA				PV-48/H6-AGM	
2013-09	V6/4.3 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-09	V6/4.3 Liter	Optional	730 CCA				PV-48/H6-AGM	
2014-09	V8/5.3 Liter	Optional	730 CCA				PV-48/H6-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Chevrolet Silverado (1500, 2500, 3500) (continued)								
2016-14	V8/6.0 Liter	2500 Heavy Duty, 3500 Heavy Duty	720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-08	V8/6.6 Liter	Diesel	730 CCA 2				PV-48/H6-AGM	
2018-14	V8/6.2 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-14	V8/5.3 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-15	V8/6.6 Liter	Diesel, Auxiliary	730 CCA 2				PV-48/H6-AGM	
2019-17	V8/6.0 Liter	2500 Heavy Duty	730 CCA 33		PV-94R/H7-AGM			
2019-17	V8/6.0 Liter	2500 Heavy Duty, Auxiliary	730 CCA				PV-48/H6-AGM	
2019-17	V8/6.0 Liter	3500 Heavy Duty	730 CCA 33		PV-94R/H7-AGM			
2019-17	V8/6.0 Liter	3500 Heavy Duty, Auxiliary	730 CCA				PV-48/H6-AGM	
2020	V8/6.2 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2020	V8/5.3 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2020-19	V8/6.2 Liter		720 CCA 33		PV-94R/H7-AGM			
2020-19	V8/6.2 Liter		720 CCA 33		PV-94R/H7-AGM			
2021-14	V6/4.3 Liter		730 CCA				PV-48/H6-AGM	
2021-19	V8/5.3 Liter	VIN D	730 CCA 33		PV-94R/H7-AGM			
2021-19	V8/5.3 Liter	VIN F	720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2022-19	L4/2.7 Liter	1500	730 CCA 33		PV-94R/H7-AGM			
2022-20	L6/3.0 Liter	1500, Diesel	850 CCA 33		PV-49/H8-AGM			
2022-21	V8/6.2 Liter		730 CCA 33		PV-94R/H7-AGM			
2023-20	V8/6.6 Liter	2500 Heavy Duty Gas	720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2023-20	V8/6.6 Liter	3500 Heavy Duty, Gas	720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2023-20	V8/6.6 Liter	Auxiliary Battery, 2500 Heavy Duty	730 CCA				PV-48/H6-AGM	
2023-20	V8/6.6 Liter	Auxiliary Battery, 3500 Heavy Duty	730 CCA				PV-48/H6-AGM	
2024	V8/6.6 Liter	2500 Heavy Duty, Gas	730 CCA 33		PV-94R/H7-AGM			
2024	V8/6.6 Liter	3500 Heavy Duty, Gas	730 CCA 33		PV-94R/H7-AGM			
2024	V8/6.6 Liter	Auxiliary Battery, 2500 Heavy Duty	700 CCA 33		PV-48/H6-AGM			
2024	V8/6.6 Liter	Auxiliary Battery, 3500 Heavy Duty	700 CCA 33		PV-48/H6-AGM			
2024	V8/6.2 Liter		730 CCA 33		PV-94R/H7-AGM			
2024	L6/3.0 Liter	1500, Diesel	850 CCA 33		PV-49/H8-AGM			
2024	L4/2.7 Liter	1500	730 CCA 33		PV-94R/H7-AGM			
2024		Electric	730 CCA 33		PV-94R/H7-AGM			
2024-19	V8/6.6 Liter	Diesel, 2500 Heavy Duty	730 CCA 2				PV-48/H6-AGM	
2024-19	V8/6.6 Liter	Diesel, 3500 Heavy Duty	730 CCA 2				PV-48/H6-AGM	
2024-22	V8/5.3 Liter		730 CCA 33		PV-94R/H7-AGM			
Chevrolet Silverado 1500 LD								
2019	V8/5.3 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
Chevrolet Silverado 3500 Classic								
2007	V8/8.1 Liter	From Late 2007	615 CCA		PV-48/H6		PV-48/H6-AGM	
2007	V8/6.0 Liter	Early	600 CCA		PV-78			
2007	V8/6.0 Liter	Late	615 CCA		PV-48/H6		PV-48/H6-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Chevrolet Silverado LTD								
2022	V8/6.2 Liter		730 CCA 33		PV-94R/H7-AGM			
2022	V8/5.3 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2022	V6/3.0 Liter	Diesel	850 CCA 33		PV-49/H8-AGM			
2022	L4/2.7 Liter		730 CCA 33		PV-94R/H7-AGM			
Chevrolet Sonic								
2018-12	L4/1.8 Liter		525 CCA				PV-47/H5-AGM	
2020-12	L4/1.4 Liter		525 CCA				PV-47/H5-AGM	
Chevrolet SS								
2017-14	V8/6.2 Liter		730 CCA 33 , 50		PV-48/H6-AGM			
Chevrolet S-Series: Blazer, Pickup								
2003-94	L4/2.2 Liter		525 CCA				PV-75DT	
2004-88	V6/4.3 Liter		525 CCA				PV-75DT	
Chevrolet SSR								
2004-03	V8/5.3 Liter		600 CCA		PV-78			
2006-05	V8/6.0 Liter		600 CCA		PV-78			
Chevrolet Suburban								
2006-00	V8/6.0 Liter		600 CCA		PV-78		PV-75DT	
2006-00	V8/5.3 Liter	Primary Battery	600 CCA		PV-78		PV-75DT	
2006-01	V8/8.1 Liter		600 CCA		PV-78		PV-75DT	
2011-07	V8/6.0 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2011-07	V8/5.3 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-09	V8/6.0 Liter	Optional	730 CCA				PV-48/H6-AGM	
2013-12	V8/6.0 Liter		660 CCA				PV-48/H6-AGM	
2014-09	V8/5.3 Liter	Optional	730 CCA				PV-48/H6-AGM	
2014-12	V8/5.3 Liter		660 CCA				PV-48/H6-AGM	
2020-19	V8/6.2 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2020-19	V8/6.2 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2020-19	V8/5.3 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2020-19	V8/5.3 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2024-21	V8/6.2 Liter		730 CCA 33		PV-94R/H7-AGM			
2024-21	V8/5.3 Liter		730 CCA 33		PV-94R/H7-AGM			
2024-21	L6/3.0 Liter	Diesel	850 CCA 33		PV-49/H8-AGM			
Chevrolet Suburban 3500 HD								
2019-16	V8/6.0 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2020-19	V8/6.0 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
Chevrolet Tahoe								
1998-97	V8/6.5 Liter	Diesel	600 CCA		PV-78		PV-75DT	
2000-95	V8/5.7 Liter		600 CCA		PV-78			
2006-00	V8/5.3 Liter		600 CCA		PV-78		PV-75DT	
2006-00	V8/4.8 Liter		600 CCA		PV-78		PV-75DT	
2009	V8/4.8 Liter	Optional	730 CCA				PV-48/H6-AGM	
2009-07	V8/4.8 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2009-08	V8/6.2 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2009-08	V8/6.2 Liter	Optional	730 CCA				PV-48/H6-AGM	
2011-07	V8/5.3 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2011-08	V8/6.0 Liter	Hybrid	615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-09	V8/6.0 Liter	Hybrid, Optional	730 CCA				PV-48/H6-AGM	
2013-12	V8/6.0 Liter	Hybrid	660 CCA				PV-48/H6-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Chevrolet Tahoe (continued)								
2014-09	V8/5.3 Liter	Optional	730 CCA				PV-48/H6-AGM	
2014-12	V8/5.3 Liter		660 CCA				PV-48/H6-AGM	
2020-15	V8/5.3 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2020-18	V8/6.2 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2020-19	V8/6.2 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2020-19	V8/5.3 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2024-21	V8/6.2 Liter		730 CCA 33		PV-94R/H7-AGM			
2024-21	V8/5.3 Liter		730 CCA 33		PV-94R/H7-AGM			
2024-21	L6/3.0 Liter	Diesel	850 CCA 33		PV-49/H8-AGM			
Chevrolet Tracker								
1998	L4/1.6 Liter		500 CCA		PV-26R		PV-75DT	
2002-99	L4/2.0 Liter		550 CCA				PV-75DT	
2002-99	L4/1.6 Liter		550 CCA				PV-75DT	
Chevrolet TrailBlazer								
2008-06	V8/5.3 Liter		600 CCA 40		PV-78			
2009-02	L6/4.2 Liter		600 CCA 40		PV-78			
2009-06	V8/6.0 Liter		600 CCA 40		PV-78			
2024-21	L3/1.3 Liter		760 CCA 33		PV-48/H6-AGM			
2024-21	L3/1.2 Liter		760 CCA 33		PV-48/H6-AGM			
Chevrolet TrailBlazer EXT								
2006-02	L6/4.2 Liter		600 CCA 40		PV-78			
2006-03	V8/5.3 Liter		600 CCA 40		PV-78			
Chevrolet Traverse								
2009	V6/3.6 Liter		730 CCA 50				PV-48/H6-AGM	
2017-10	V6/3.6 Liter		660 CCA 50				PV-48/H6-AGM	
2019-18	V6/3.6 Liter		730 CCA 33		PV-94R/H7-AGM			
2019-18	L4/2.0 Liter		730 CCA 33		PV-94R/H7-AGM			
2023-18	V6/3.6 Liter		730 CCA 33		PV-94R/H7-AGM			
Chevrolet Traverse								
2024	L4/2.5 Liter		730 CCA 33		PV-94R/H7-AGM			
Chevrolet Traverse Limited								
2024	V6/3.6 Liter		730 CCA 33		PV-94R/H7-AGM			
Chevrolet Trax								
2017-13	L4/1.4 Liter		525 CCA				PV-47/H5-AGM	
2020-18	L4/1.4 Liter	With Start-Stop	730 CCA 33		PV-48/H6-AGM			
2020-18	L4/1.4 Liter	Without Start-Stop	525 CCA				PV-47/H5-AGM	
2022-21	L4/1.4 Liter		525 CCA				PV-47/H5-AGM	
2024	L4/1.4 Liter		760 CCA				PV-48/H6-AGM	
Chevrolet V Series Pickup (See C/K, R/V Pickups)								
Chevrolet Volt								
2015-11	L4/1.4 Liter	Hybrid	630 CCA 33 , 50		PV-47/H5-AGM			
2019-16	L4/1.5 Liter	Hybrid	630 CCA 33 , 50		PV-47/H5-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Chrysler								
Chrysler 200								
2017-15	V6/3.6 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2017-15	V6/3.6 Liter	Optional	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2017-15	L4/2.4 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2017-15	L4/2.4 Liter	Optional	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
Chrysler 300								
2009-08	V6/3.5 Liter		730 CCA 50 , 57		PV-94R/H7		PV-94R/H7-AGM	
2010-05	V8/6.1 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2010-05	V6/3.5 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2010-05	V6/2.7 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2014-12	V8/6.4 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2023-10	V8/5.7 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2026-11	V6/3.6 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
Chrysler Crossfire								
2004	V6/3.2 Liter		580 CCA 50		PV-48/H6		PV-48/H6-AGM	
2005	V6/3.2 Liter		700 CCA 50				PV-48/H6-AGM	
2007-06	V6/3.2 Liter		640 CCA 50				PV-48/H6-AGM	
2008	V6/3.2 Liter		700 CCA 50				PV-48/H6-AGM	
Chrysler Grand Caravan								
2024-21	V6/3.6 Liter		650 CCA 33 , 50		PV-48/H6-AGM			
Chrysler Neon								
2002-00	L4/2.0 Liter		450 CCA		PV-26R			
Chrysler Pacifica								
2017	V6/3.6 Liter	Gas	750 CCA				PV-94R/H7-AGM	
2021-17	V6/3.6 Liter	With Start-Stop	650 CCA 33 , 50		PV-48/H6-AGM			
2021-17	V6/3.6 Liter	Without Start-Stop	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2024-22	V6/3.6 Liter		640 CCA				PV-48/H6-AGM	
Chrysler Town & Country								
2011	V6/3.6 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2016-12	V6/3.6 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
Chrysler Voyager								
2021-20	V6/3.6 Liter	With Start-Stop	650 CCA 33 , 50		PV-48/H6-AGM			
2021-20	V6/3.6 Liter	Without Start-Stop	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2024-22	V6/3.6 Liter		650 CCA				PV-48/H6-AGM	
Daewoo								
Daewoo Lanos								
2002-99	L4/1.6 Liter		525 CCA 11				PV-75DT	
2002-99	L4/1.5 Liter		525 CCA 11				PV-75DT	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Dodge								
Dodge B-Series Vans (150, 250, 350, 1500, 3500)								
1995	V8/5.2 Liter	Except Cutaway	600 CCA				PV-78DT	1B
1998-92	V8/5.9 Liter	Except T-Series	600 CCA				PV-78DT	1B
1998-92	V8/5.2 Liter	Except T-Series	600 CCA				PV-78DT	1B
1998-92	V6/3.9 Liter	Except T-Series	600 CCA				PV-78DT	1B
1998-96	V8/5.2 Liter		600 CCA				PV-78DT	1B
Dodge Caravan, Grand Caravan								
2011	V6/3.6 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2020-12	V6/3.6 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
Dodge Challenger								
2010-08	V8/6.1 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2010-09	V6/3.5 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2023-10	V8/5.7 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2023-11	V8/6.4 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2023-11	V6/3.6 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2023-15	V8/6.2 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
Dodge Charger								
2007-06	V8/5.7 Liter	Except Police Package	730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2007-06	V6/3.5 Liter	Except Police Package	730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2007-06	V6/3.5 Liter	Police Package	850 CCA 50				PV-49/H8-AGM	
2007-06	V6/2.7 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2008	V6/3.5 Liter	Police Package	850 CCA 50, 57				PV-49/H8-AGM	
2008-06	V8/6.1 Liter	Except Police Package	730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2008-06	V8/6.1 Liter	Police Package	850 CCA 50				PV-49/H8-AGM	
2008-06	V8/5.7 Liter	Police Package	850 CCA 50				PV-49/H8-AGM	
2009	V8/6.1 Liter	Except Police Package	730 CCA 50, 57		PV-94R/H7		PV-94R/H7-AGM	
2009	V8/6.1 Liter	Police Package	800 CCA 50, 57				PV-49/H8-AGM	
2009	V8/5.7 Liter	Police Package	800 CCA 50, 57				PV-49/H8-AGM	
2009	V6/3.5 Liter	Police Package	800 CCA 50, 57				PV-49/H8-AGM	
2009-08	V8/5.7 Liter	Except Police Package	730 CCA 50, 57		PV-94R/H7		PV-94R/H7-AGM	
2009-08	V6/3.5 Liter	Except Police Package	730 CCA 50, 57		PV-94R/H7		PV-94R/H7-AGM	
2009-08	V6/2.7 Liter		730 CCA 50, 57		PV-94R/H7		PV-94R/H7-AGM	
2010	V8/6.1 Liter	Except Police Package	730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2010	V8/6.1 Liter	Police Package	850 CCA 50				PV-49/H8-AGM	
2010	V8/5.7 Liter	Police Package	850 CCA 50				PV-49/H8-AGM	
2010	V6/3.5 Liter	Except Police Package	730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2010	V6/3.5 Liter	Police Package	800 CCA 50				PV-49/H8-AGM	
2010	V6/2.7 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2010-06	V6/2.7 Liter	Except Police Package	730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2016-12	V8/6.4 Liter	Except Police Package	730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2016-12	V8/6.4 Liter	Police Package	800 CCA 50				PV-49/H8-AGM	
2020-11	V8/5.7 Liter	Police Package	800 CCA 50				PV-49/H8-AGM	
2020-11	V6/3.6 Liter	Police Package	800 CCA 50				PV-49/H8-AGM	
2023-10	V8/5.7 Liter	Except Police Package	730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2023-11	V6/3.6 Liter	Except Police Package	730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2023-15	V8/6.2 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2023-17	V8/6.4 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2023-21	V8/5.7 Liter	Police Package	800 CCA 33, 50		PV-49/H8-AGM			
2023-21	V6/3.6 Liter	Police Package	800 CCA 33, 50		PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Dodge Colt								
1995-93	L4/1.5 Liter	Canada	580 CCA				PV-78DT	1B
Dodge Dakota								
1999-92	V8/5.2 Liter		600 CCA				PV-78DT	1B
2002-92	L4/2.5 Liter		600 CCA				PV-78DT	1B
2003-92	V6/3.9 Liter		600 CCA				PV-78DT	1B
2003-98	V8/5.9 Liter		600 CCA				PV-78DT	1B
2005-00	V8/4.7 Liter		600 CCA				PV-78DT	1B
2005-04	V6/3.7 Liter		600 CCA				PV-78DT	1B
2006	V8/4.7 Liter	Optional	650 CCA		PV-65			
2006	V6/3.7 Liter	Optional	650 CCA		PV-65			
2007-06	V8/4.7 Liter		600 CCA		PV-65			
2007-06	V6/3.7 Liter		600 CCA		PV-65			
2009-08	V8/4.7 Liter		600 CCA 57		PV-65			
2009-08	V6/3.7 Liter		600 CCA 57		PV-65			
2010	V8/4.7 Liter		600 CCA		PV-65			
2010	V6/3.7 Liter		600 CCA		PV-65			
Dodge Dart								
2014	L4/2.0 Liter		500 CCA		PV-47/H5		PV-47/H5-AGM	
2014	L4/1.4 Liter		500 CCA		PV-47/H5		PV-47/H5-AGM	
2014-13	L4/2.0 Liter	SE	500 CCA		PV-47/H5		PV-47/H5-AGM	
2014-13	L4/1.4 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2016	L4/2.0 Liter		600 CCA				PV-47/H5-AGM	
2016-13	L4/2.4 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2016-13	L4/2.4 Liter	Optional	500 CCA		PV-47/H5		PV-47/H5-AGM	
2016-13	L4/2.0 Liter	Except SE	600 CCA		PV-48/H6		PV-48/H6-AGM	
2016-14	L4/2.0 Liter	SE	600 CCA				PV-47/H5-AGM	
2016-14	L4/1.4 Liter		600 CCA				PV-47/H5-AGM	
Dodge Durango								
1999-98	V6/3.9 Liter		600 CCA				PV-78DT	1B
2000-98	V8/5.2 Liter		600 CCA				PV-78DT	1B
2003-00	V8/4.7 Liter		600 CCA				PV-78DT	1B
2003-98	V8/5.9 Liter		600 CCA				PV-78DT	1B
2007-04	V8/5.7 Liter		600 CCA		PV-65			
2007-04	V8/4.7 Liter		600 CCA		PV-65			
2007-04	V6/3.7 Liter		600 CCA		PV-65			
2008	V8/5.7 Liter		600 CCA 57		PV-65			
2008	V8/4.7 Liter		600 CCA 57		PV-65			
2008	V6/3.7 Liter		600 CCA 57		PV-65			
2013-11	V8/5.7 Liter		700 CCA 33, 50		PV-94R/H7-AGM			
2013-11	V6/3.6 Liter		700 CCA 33, 50		PV-94R/H7-AGM			
2015-14	V6/3.6 Liter		730 CCA 33, 50		PV-94R/H7-AGM			
2017-16	V6/3.6 Liter	With Start-Stop	760 CCA 33, 50		PV-48/H6-AGM			
2017-16	V6/3.6 Liter	Without Start-Stop	800 CCA 33, 50		PV-94R/H7-AGM			
2021	V8/6.2 Liter		700 CCA 33, 50		PV-94R/H7-AGM			
2023	V8/6.2 Liter		700 CCA 33, 50		PV-94R/H7-AGM			
2023-14	V8/5.7 Liter	With Special Service Package	800 CCA 33, 50		PV-49/H8-AGM			
2023-14	V8/5.7 Liter	Without Special Service Package	700 CCA 33, 50		PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Dodge Durango (continued)								
2023-17	V6/3.6 Liter	With Special Service Package	800 CCA	33 , 50	PV-49/H8-AGM			
2023-18	V8/6.4 Liter		700 CCA	33 , 50	PV-94R/H7-AGM			
2023-18	V6/3.6 Liter	With Start-Stop	650 CCA	33 , 50	PV-48/H6-AGM			
2023-18	V6/3.6 Liter	Without Start-Stop	700 CCA	33 , 50	PV-94R/H7-AGM			
Dodge Grand Caravan (See Caravan, Grand Caravan)								
Dodge Magnum								
2008-05	V8/5.7 Liter		730 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2008-05	V6/3.5 Liter		730 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2008-05	V6/2.7 Liter		730 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2008-06	V8/6.1 Liter		730 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
Dodge Neon								
2005-00	L4/2.0 Liter		450 CCA		PV-26R			
2005-03	L4/2.4 Liter		450 CCA		PV-26R			
Dodge Ram Pickup (1500-3500)								
1996-94	L6/5.9 Liter		600 CCA				PV-78DT	1B
2001-94	V8/5.2 Liter		600 CCA				PV-78DT	1B
2001-94	V6/3.9 Liter		600 CCA				PV-78DT	1B
2002	V8/5.9 Liter	Late	650 CCA		PV-65			
2002	V8/5.9 Liter	Late 2002	650 CCA		PV-65			
2002	V8/4.7 Liter	Late 2002	650 CCA		PV-65			
2002	V6/3.7 Liter	Late 2002	650 CCA		PV-65			
2002	V10/8.0 Liter	Late 2002	650 CCA		PV-65			
2002	L6/5.9 Liter	Diesel, Late	650 CCA	2	PV-65			
2003	V6/3.7 Liter		600 CCA		PV-65			
2003-94	V8/5.9 Liter		600 CCA				PV-78DT	1B
2004-03	V8/4.7 Liter		600 CCA		PV-65			
2005	V8/4.7 Liter		650 CCA		PV-65			
2005-04	V6/3.7 Liter		650 CCA		PV-65			
2006	V8/4.7 Liter		600 CCA		PV-65			
2006	V10/8.3 Liter		600 CCA		PV-65			
2007-03	V8/5.7 Liter		600 CCA		PV-65			
2007-06	V6/3.7 Liter		600 CCA		PV-65			
2008	V8/5.7 Liter	Heavy Duty, United States Production	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2008	V8/5.7 Liter	Mexico Production	650 CCA	57	PV-65			
2008	V8/5.7 Liter	United States	625 CCA	57	PV-94R/H7		PV-94R/H7-AGM	
2008	V8/5.7 Liter	United States Production	625 CCA		PV-94R/H7		PV-94R/H7-AGM	
2008	V8/4.7 Liter		600 CCA	57	PV-65			
2008	V6/3.7 Liter		600 CCA	57	PV-65			
2009	V8/5.7 Liter	Mexico Production	700 CCA	57	PV-65			
2009	V8/5.7 Liter	United States Production	700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2009	V8/4.7 Liter	Mexico Production	700 CCA	57	PV-65			
2009	V8/4.7 Liter	United States	700 CCA	57	PV-94R/H7		PV-94R/H7-AGM	
2009	V8/4.7 Liter	United States Production	700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2009	V6/3.7 Liter	Mexico Production	700 CCA	57	PV-65			
2009	V6/3.7 Liter	United States Production	700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2010	V8/5.7 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2010	V8/4.7 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Dodge Ram Pickup (1500-3500) (continued)								
2010	V6/3.7 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2010	L6/6.7 Liter	Diesel	730 CCA	2	PV-94R/H7		PV-94R/H7-AGM	
Dodge Ram Van (1500-3500)								
2003-99	V8/5.9 Liter		600 CCA				PV-78DT	1B
2003-99	V8/5.2 Liter		600 CCA				PV-78DT	1B
2003-99	V6/3.9 Liter		600 CCA				PV-78DT	1B
Dodge Sprinter 2500								
2006-03	L5/2.7 Liter	Diesel	850 CCA	50			PV-49/H8-AGM	
2008-07	V6/3.5 Liter		850 CCA	50			PV-49/H8-AGM	
2009-07	V6/3.0 Liter	Diesel	850 CCA	50			PV-49/H8-AGM	
Dodge Sprinter 3500								
2006-03	L5/2.7 Liter	Diesel	850 CCA	50			PV-49/H8-AGM	
2008-07	V6/3.5 Liter		850 CCA	50			PV-49/H8-AGM	
2009-07	V6/3.0 Liter	Diesel	850 CCA	50			PV-49/H8-AGM	
Dodge SX 2.0								
2005-03	L4/2.0 Liter		450 CCA		PV-26R			
Eagle								
Eagle Summit								
1996-95	L4/2.4 Liter	Wagon	490 CCA		PV-24		PV-78DT	1B
1996-95	L4/1.8 Liter	Wagon	355 CCA		PV-24			
Ferrari								
Ferrari 458 Italia								
2015-10	V8/4.5 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Ferrari 458 Speciale								
2015	V8/4.5 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Ferrari 458 Spider								
2015-12	V8/4.5 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Ferrari 488 GTB								
2019-16	V8/3.9 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2019-18	V8/3.9 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Ferrari 488 Spider								
2018-16	V8/3.9 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Fiat								
Fiat 124 Spider								
2017	L4/1.4 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
Fiat 500								
2018-12	L4/1.4 Liter		500 CCA		PV-47/H5		PV-47/H5-AGM	
2019	L4/1.4 Liter	Canada	650 CCA				PV-47/H5-AGM	
2019	L4/1.4 Liter	United States	500 CCA		PV-47/H5		PV-47/H5-AGM	
2019		Electric, Canada	650 CCA				PV-47/H5-AGM	
2019		Electric, United States	500 CCA		PV-47/H5		PV-47/H5-AGM	
Fiat 500L								
2017-14	L4/1.4 Liter		500 CCA		PV-47/H5		PV-47/H5-AGM	
Fiat 500X								
2016	L4/2.4 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2016	L4/1.4 Liter		500 CCA		PV-47/H5		PV-47/H5-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Ford								
Ford Aerostar								
1997-89	V6/3.0 Liter	From 10/1/1988	650 CCA		PV-65			
1997-90	V6/4.0 Liter		650 CCA		PV-65			
Ford Bronco								
1996-90	V8/5.8 Liter		650 CCA		PV-65			
1996-90	V8/5.0 Liter		650 CCA		PV-65			
2022-21	V6/2.7 Liter		800 CCA 33		PV-94R/H7-AGM			
2022-21	L4/2.3 Liter		800 CCA 33		PV-94R/H7-AGM			
2024	V6/3.0 Liter		800 CCA 33		PV-94R/H7-AGM			
2024-23	V6/2.7 Liter		800 CCA 33		PV-94R/H7-AGM			
2024-23	V6/2.7 Liter	Optional	760 CCA 33		PV-48/H6-AGM			
2024-23	L4/2.3 Liter		800 CCA 33		PV-94R/H7-AGM			
2024-23	L4/2.3 Liter	Optional	760 CCA 33		PV-48/H6-AGM			
Ford Bronco Sport								
2024-21	L4/2.0 Liter		700 CCA 33		PV-48/H6-AGM			
2024-21	L4/2.0 Liter	Optional	760 CCA 33		PV-48/H6-AGM			
2024-21	L3/1.5 Liter		700 CCA 33		PV-48/H6-AGM			
2024-21	L3/1.5 Liter	Optional	760 CCA 33		PV-48/H6-AGM			
Ford Crown Victoria								
2006-98	V8/4.6 Liter	United States	650 CCA		PV-65			
2011-07	V8/4.6 Liter		650 CCA		PV-65			
Ford EcoSport								
2021-18	L3/1.0 Liter		760 CCA 33		PV-48/H6-AGM			
2022-18	L4/2.0 Liter		760 CCA 33		PV-48/H6-AGM			
Ford Edge								
2014-11	V6/3.7 Liter	With Power Code Remote Start	650 CCA		PV-65			
2014-11	V6/3.5 Liter	With Power Code Remote Start	650 CCA		PV-65			
2014-12	L4/2.0 Liter	With Power Code Remote Start	650 CCA		PV-65			
2017-15	L4/2.0 Liter	With Start-Stop	760 CCA 33		PV-48/H6-AGM			
2018-15	L4/2.0 Liter	With Start-Stop	760 CCA 33		PV-48/H6-AGM			
2024-19	V6/2.7 Liter		760 CCA 33		PV-48/H6-AGM			
2024-19	L4/2.0 Liter		760 CCA 33		PV-48/H6-AGM			
Ford Escape								
2018-17	L4/2.0 Liter	With Start-Stop/Intelligent Access	760 CCA 33		PV-48/H6-AGM			
2018-17	L4/1.5 Liter	With Start-Stop/Intelligent Access	760 CCA 33		PV-48/H6-AGM			
2019	L4/2.0 Liter		760 CCA 33		PV-48/H6-AGM			
2019	L4/1.5 Liter		760 CCA 33		PV-48/H6-AGM			
2024-21	L4/2.0 Liter		760 CCA 33		PV-48/H6-AGM			
2024-21	L3/1.5 Liter		760 CCA 33		PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Ford E-Series Vans								
1996-92	V8/7.5 Liter	Gas	650 CCA		PV-65			
1996-92	V8/5.8 Liter		650 CCA		PV-65			
1996-92	V8/5.0 Liter	Primary Battery	650 CCA		PV-65			
1996-92	L6/4.9 Liter		650 CCA		PV-65			
1996-92	L6/4.9 Liter	Primary Battery	650 CCA		PV-65			
1996-95	V8/5.0 Liter		650 CCA		PV-65			
2001-97	V8/4.6 Liter	Primary Battery	650 CCA		PV-65			
2003-97	V6/4.2 Liter		650 CCA		PV-65			
2008-07	V8/5.4 Liter		650 CCA 2		PV-65			
2014-00	V8/5.4 Liter		650 CCA		PV-65			
2014-03	V8/4.6 Liter		650 CCA		PV-65			
2014-03	V10/6.8 Liter		650 CCA		PV-65			
2016-97	V8/5.4 Liter	Primary Battery	650 CCA		PV-65			
2019-03	V10/6.8 Liter	Primary Battery	650 CCA		PV-65			
2019-17	V8/6.2 Liter	Primary Battery	650 CCA		PV-65			
Ford E-Transit								
2024-23		Electric	760 CCA				PV-48/H6-AGM	
2023-22		Electric	760 CCA 33 , 50		PV-48/H6-AGM			
Ford Expedition								
2004-97	V8/4.6 Liter		650 CCA		PV-65			
2014-97	V8/5.4 Liter		650 CCA		PV-65			
2015	V6/3.5 Liter		650 CCA		PV-65			
2017-16	V6/3.5 Liter	Without Intelligent Access	650 CCA		PV-65			
2021	V6/3.5 Liter	From 11/30/20	760 CCA 33		PV-48/H6-AGM			
2021-18	V6/3.5 Liter	To 11/30/20	800 CCA 33		PV-94R/H7-AGM			
2024-22	V6/3.5 Liter		760 CCA 33		PV-48/H6-AGM			
Ford Explorer								
2001-96	V8/5.0 Liter		650 CCA		PV-65			
2010-02	V8/4.6 Liter		650 CCA		PV-65			
2010-91	V6/4.0 Liter		650 CCA		PV-65			
2013-12	L4/2.0 Liter		650 CCA		PV-65			
2014	V6/3.5 Liter	With Power Code Remote Start	650 CCA		PV-65			
2014	L4/2.0 Liter	With Power Code Remote Start	650 CCA		PV-65			
2014-11	V6/3.5 Liter		650 CCA		PV-65			
2015	L4/2.0 Liter	With Intelligent Access	650 CCA		PV-65			
2019-15	V6/3.5 Liter	With Intelligent Access	650 CCA		PV-65			
2019-16	L4/2.3 Liter	With Intelligent Access	650 CCA		PV-65			
2023-20	V6/3.3 Liter		760 CCA 33		PV-48/H6-AGM			
2024-20	V6/3.0 Liter		760 CCA 33		PV-48/H6-AGM			
2024-20	L4/2.3 Liter		760 CCA 33		PV-48/H6-AGM			
Ford Explorer Sport Trac								
2005-01	V6/4.0 Liter		650 CCA		PV-65			
2010-07	V8/4.6 Liter		650 CCA		PV-65			
2010-07	V6/4.0 Liter		650 CCA		PV-65			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Ford F-150, F-150 Heritage								
1996-87	V8/5.8 Liter		650 CCA		PV-65			
1996-87	V8/5.0 Liter		650 CCA		PV-65			
1996-87	L6/4.9 Liter		650 CCA		PV-65			
2006-97	V8/5.4 Liter	Heavy Duty, Canada	650 CCA		PV-65			
2006-97	V8/4.6 Liter	Heavy Duty, Canada	650 CCA		PV-65			
2006-97	V6/4.2 Liter	Heavy Duty, Canada	650 CCA		PV-65			
2008-07	V6/4.2 Liter	Optional	650 CCA		PV-65			
2010-07	V8/5.4 Liter	Optional	650 CCA		PV-65			
2010-07	V8/4.6 Liter	Optional	650 CCA		PV-65			
2015	V6/2.7 Liter	King Ranch, Lariat, Platinum	800 CCA 33		PV-94R/H7-AGM			
2017-15	V8/5.0 Liter	Except King Ranch, Lariat, Platinum	610 CCA		PV-48/H6		PV-48/H6-AGM	
2017-15	V8/5.0 Liter	King Ranch, Lariat, Platinum	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2017-15	V6/3.5 Liter	Except King Ranch, Lariat, Platinum	610 CCA		PV-48/H6		PV-48/H6-AGM	
2017-15	V6/3.5 Liter	King Ranch, Lariat, Platinum	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2020-15	V6/2.7 Liter	Except King Ranch, Lariat, Platinum	760 CCA 33		PV-48/H6-AGM			
2020-17	V6/2.7 Liter	King Ranch, Lariat, Platinum	800 CCA 33		PV-94R/H7-AGM			
2020-18	V8/5.0 Liter	Except King Ranch, Lariat, Platinum	760 CCA 33		PV-48/H6-AGM			
2020-18	V8/5.0 Liter	King Ranch, Lariat, Platinum	800 CCA 33		PV-94R/H7-AGM			
2020-18	V6/3.5 Liter	Except King Ranch, Lariat, Platinum	760 CCA 33		PV-48/H6-AGM			
2020-18	V6/3.5 Liter	King Ranch, Lariat, Platinum	800 CCA 33		PV-94R/H7-AGM			
2020-18	V6/3.3 Liter	Except King Ranch, Lariat, Platinum	760 CCA 33		PV-48/H6-AGM			
2020-18	V6/3.3 Liter	King Ranch, Lariat, Platinum	800 CCA 33		PV-94R/H7-AGM			
2021-18	V6/3.0 Liter	Diesel	850 CCA 33		PV-49/H8-AGM			
2024	V8/5.2 Liter		800 CCA 33		PV-94R/H7-AGM			
2024-21	V8/5.0 Liter		760 CCA 33		PV-48/H6-AGM			
2024-21	V8/5.0 Liter	Optional	800 CCA 33		PV-94R/H7-AGM			
2024-21	V6/3.5 Liter	Gas	760 CCA 33		PV-48/H6-AGM			
2024-21	V6/3.3 Liter		760 CCA 33		PV-48/H6-AGM			
2024-21	V6/2.7 Liter		760 CCA 33		PV-48/H6-AGM			
2024-23	V6/3.5 Liter	Optional Gas, Hybrid, Raptor	800 CCA 33		PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Ford F-250, F-250 Super Duty								
1996-87	V8/7.5 Liter		650 CCA		PV-65			
1996-87	V8/5.8 Liter		650 CCA		PV-65			
1996-87	V8/5.0 Liter		650 CCA		PV-65			
1996-87	L6/4.9 Liter		650 CCA		PV-65			
1999-97	V8/5.4 Liter	Over 8500 pound Gross Vehicle Weight	650 CCA		PV-65			
1999-97	V8/4.6 Liter	Optional	650 CCA		PV-65			
1999-97	V8/4.6 Liter	Optional over 8500 pounds	650 CCA		PV-65			
2007	V8/6.0 Liter	Diesel	650 CCA 2		PV-65			
2010-00	V8/5.4 Liter		650 CCA		PV-65			
2010-99	V10/6.8 Liter		650 CCA		PV-65			
2016-11	V8/6.2 Liter		650 CCA		PV-65			
2022-17	V8/6.2 Liter	XL	650 CCA		PV-65			
Ford F-350, F-350 Super Duty								
1996-87	V8/7.5 Liter		650 CCA		PV-65			
1996-87	V8/5.8 Liter		650 CCA		PV-65			
1996-87	L6/4.9 Liter		650 CCA		PV-65			
2007	V8/6.0 Liter	Diesel	650 CCA 2		PV-65			
2010-99	V8/5.4 Liter		650 CCA		PV-65			
2010-99	V10/6.8 Liter		650 CCA		PV-65			
2016-11	V8/6.2 Liter		650 CCA		PV-65			
2022-17	V8/6.2 Liter	XL	650 CCA		PV-65			
Ford Flex								
2014-10	V6/3.5 Liter	Without Ecoboost	650 CCA		PV-65			
2019-15	V6/3.5 Liter	Except Ecoboost	650 CCA		PV-65			
Ford Focus								
2018-15	L3/1.0 Liter		760 CCA 33		PV-48/H6-AGM			
2018-16	L4/2.3 Liter		760 CCA 33		PV-48/H6-AGM			
Ford Freestar								
2007-04	V6/4.2 Liter	Optional	650 CCA		PV-65			
2007-04	V6/3.9 Liter	Optional	650 CCA		PV-65			
Ford Fusion								
2014-13	L4/1.6 Liter	With Start-Stop	760 CCA 33		PV-48/H6-AGM			
2016-15	L4/2.5 Liter	With Start-Stop	760 CCA 33		PV-48/H6-AGM			
2016-15	L4/2.0 Liter	With Start-Stop	760 CCA 33		PV-48/H6-AGM			
2017	L4/1.5 Liter	With Start-Stop	760 CCA 33		PV-48/H6-AGM			
2017-14	L4/1.5 Liter	With Start-Stop	760 CCA 33		PV-48/H6-AGM			
2020-18	L4/2.0 Liter	Gas With Start-Stop	760 CCA 33		PV-48/H6-AGM			
2020-18	L4/1.5 Liter		760 CCA 33		PV-48/H6-AGM			
Ford Maverick								
2024-23	L4/2.0 Liter		760 CCA 33		PV-48/H6-AGM			
Ford Mustang								
2024	V8/5.0 Liter		760 CCA			PV-48/H6-AGM		
2024	L4/2.3 Liter		760 CCA			PV-48/H6-AGM		

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Ford Police Interceptor Sedan								
2014-13	V6/3.5 Liter	With Ecoboost	650 CCA		PV-65			
Ford Police Interceptor Utility								
2014	V6/3.5 Liter	With Ecoboost	650 CCA		PV-65			
2021-20	V6/3.3 Liter	Gas	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2021-20	V6/3.3 Liter	Gas/Hybrid Optional	850 CCA 33		PV-49/H8-AGM			
2021-20	V6/3.3 Liter	Hybrid	800 CCA 33		PV-94R/H7-AGM			
2021-20	V6/3.0 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2021-20	V6/3.0 Liter	Optional	850 CCA 33		PV-49/H8-AGM			
2024-22	V6/3.3 Liter		760 CCA 33		PV-48/H6-AGM			
2024-22	V6/3.0 Liter		760 CCA 33		PV-48/H6-AGM			
Ford Ranger								
1996-91	V6/4.0 Liter		650 CCA		PV-65			
1997-89	L4/2.3 Liter	Optional	650 CCA		PV-65			
1997-90	V6/4.0 Liter	Optional	650 CCA		PV-65			
1997-91	V6/3.0 Liter	Optional	650 CCA		PV-65			
2020-19	L4/2.3 Liter		610 CCA 33		PV-48/H6-AGM			
2024-19	L4/2.3 Liter	Optional	800 CCA 33		PV-94R/H7-AGM			
2024-21	L4/2.3 Liter		760 CCA 33		PV-48/H6-AGM			
Ford Taurus, Taurus X								
1995-92	V6/3.8 Liter		650 CCA		PV-65			
1995-92	V6/3.0 Liter	Except SHO Optional	650 CCA		PV-65			
1995-92	V6/3.0 Liter	Optional	650 CCA		PV-65			
2014-10	V6/3.5 Liter	SHO	650 CCA		PV-65			
2015	V6/3.5 Liter	With Intelligent Access, SHO	650 CCA		PV-65			
2016	V6/3.5 Liter	With Intelligent Access, Ecoboost	650 CCA		PV-65			
2017-15	L4/2.0 Liter	With Intelligent Access	650 CCA		PV-65			
2019-16	V6/3.5 Liter	Duratec With Intelligent Access	650 CCA		PV-65			
2019-16	V6/3.5 Liter	Ecoboost	650 CCA		PV-65			
Ford Thunderbird								
1995-93	V6/3.8 Liter	Supercharged, Heavy Duty & Canada	650 CCA		PV-65			
1997-93	V6/3.8 Liter	Canada & Optional	650 CCA		PV-65			
1997-94	V8/4.6 Liter		650 CCA		PV-65			
Ford Transit Connect								
2022-19	L4/2.0 Liter	Optional	800 CCA 33		PV-94R/H7-AGM			
Ford Transit-150								
2019-15	V6/3.7 Liter		610 CCA 50		PV-48/H6		PV-48/H6-AGM	
2019-15	L5/3.2 Liter	Diesel	760 CCA 2, 33, 50		PV-48/H6-AGM			
2021-15	V6/3.5 Liter		610 CCA 50		PV-48/H6		PV-48/H6-AGM	
2021-20	V6/3.5 Liter	Optional	760 CCA 33, 50		PV-48/H6-AGM			
2024-22	V6/3.5 Liter		760 CCA 33, 50		PV-48/H6-AGM			
Ford Transit-250								
2019-15	V6/3.7 Liter		610 CCA 50		PV-48/H6		PV-48/H6-AGM	
2019-15	L5/3.2 Liter	Diesel	760 CCA 2, 33, 50		PV-48/H6-AGM			
2021-20	V6/3.5 Liter	Optional	760 CCA 33, 50		PV-48/H6-AGM			
2023-15	V6/3.5 Liter		610 CCA 50		PV-48/H6		PV-48/H6-AGM	
2024-22	V6/3.5 Liter		760 CCA 33, 50		PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Ford Transit-350								
2019-15	V6/3.7 Liter		610 CCA 50		PV-48/H6		PV-48/H6-AGM	
2019-15	L5/3.2 Liter	Diesel	760 CCA 33		PV-48/H6-AGM			
2021-15	V6/3.5 Liter		610 CCA 50		PV-48/H6		PV-48/H6-AGM	
2021-20	V6/3.5 Liter	Optional	760 CCA 33 , 50		PV-48/H6-AGM			
2024-22	V6/3.5 Liter		760 CCA 33 , 50		PV-48/H6-AGM			
Ford Transit-350 HD								
2019-15	V6/3.7 Liter		760 CCA 33 , 50		PV-48/H6-AGM			
2019-15	V6/3.5 Liter		760 CCA 33 , 50		PV-48/H6-AGM			
2019-15	L5/3.2 Liter	Diesel	760 CCA 2 , 33 , 50		PV-48/H6-AGM			
2021-20	V6/3.5 Liter		610 CCA 50		PV-48/H6		PV-48/H6-AGM	
2021-20	V6/3.5 Liter	Optional	760 CCA 33 , 50		PV-48/H6-AGM			
2024-22	V6/3.5 Liter		760 CCA 33 , 50		PV-48/H6-AGM			
Ford Windstar								
1999-97	V6/3.0 Liter	Towing Package or Heavy Duty	650 CCA		PV-65			
2003-95	V6/3.8 Liter		650 CCA		PV-65			
Freightliner								
Freightliner Sprinter (2500, 3500)								
2006-02	L5/2.7 Liter	Diesel	850 CCA 50				PV-49/H8-AGM	
2008-07	V6/3.5 Liter		850 CCA 50				PV-49/H8-AGM	
2014	L4/2.1 Liter	Diesel	850 CCA 50				PV-49/H8-AGM	
2014-07	V6/3.0 Liter	Diesel	850 CCA 50				PV-49/H8-AGM	
2017-15	L4/2.1 Liter	Diesel	680 CCA 50				PV-48/H6-AGM	
2017-15	L4/2.1 Liter	Diesel, Optional	760 CCA 33 , 50		PV-48/H6-AGM			
2017-15	L4/2.1 Liter	Diesel, Optional	760 CCA 50				PV-49/H8-AGM	
2017-15	L4/2.1 Liter	Diesel, Optional	850 CCA 33 , 50		PV-49/H8-AGM			
2018-15	V6/3.0 Liter	Diesel	680 CCA 50				PV-48/H6-AGM	
2018-15	V6/3.0 Liter	Diesel, Optional	760 CCA 33 , 50		PV-48/H6-AGM			
2018-15	V6/3.0 Liter	Diesel, Optional	760 CCA 50				PV-49/H8-AGM	
2018-15	V6/3.0 Liter	Diesel, Optional	850 CCA 33 , 50		PV-49/H8-AGM			
Genesis								
Genesis G80								
2023		Electric	640 CCA 33		PV-47/H5-AGM			
Genesis GV60								
2025-23		Electric	640 CCA 33		PV-47/H5-AGM			
Geo								
Geo Metro								
1997-95	L4/1.3 Liter		390 CCA		PV-26R			
1997-95	L3/1.0 Liter		390 CCA		PV-26R			
Geo Prizm								
1997-90	L4/1.6 Liter		310 CCA		PV-35			
Geo Tracker								
1997-95	L4/1.6 Liter		500 CCA		PV-26R		PV-75DT	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
GMC								
GMC Acadia								
2009-07	V6/3.6 Liter		730 CCA	50			PV-48/H6-AGM	
2016-10	V6/3.6 Liter		660 CCA	50			PV-48/H6-AGM	
2019-17	V6/3.6 Liter	With Start-Stop	730 CCA	33	PV-94R/H7-AGM			
2019-17	V6/3.6 Liter	Without Start-Stop	660 CCA				PV-48/H6-AGM	
2019-17	L4/2.5 Liter	With Start-Stop	730 CCA	33	PV-94R/H7-AGM			
2019-17	L4/2.5 Liter	Without Start-Stop	660 CCA				PV-48/H6-AGM	
2021-20	L4/2.5 Liter		730 CCA	33	PV-94R/H7-AGM			
2022-20	V6/3.6 Liter		730 CCA	33	PV-94R/H7-AGM			
2023-20	L4/2.0 Liter		730 CCA	33	PV-94R/H7-AGM			
2024	L4/2.5 Liter		730 CCA	33	PV-94R/H7-AGM			
GMC Acadia Limited								
2017	V6/3.6 Liter		660 CCA	50			PV-48/H6-AGM	
GMC C/K, R/V Pickups, Jimmy, Suburban								
1998-94	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
1999	V8/6.5 Liter	Diesel, Heavy Duty	600 CCA	2	PV-78		PV-78DT	
1999-91	V8/5.0 Liter		600 CCA		PV-78		PV-78DT	
1999-93	V8/7.4 Liter	Primary Battery	600 CCA		PV-78		PV-78DT	
2000-91	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
2000-94	V8/7.4 Liter		600 CCA		PV-78		PV-78DT	
2000-97	V8/6.5 Liter	Diesel	600 CCA	2	PV-78		PV-78DT	
2005-92	V6/4.3 Liter		525 CCA				PV-75DT	
GMC Canyon								
2022-15	V6/3.6 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2022-15	L4/2.5 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2022-16	L4/2.8 Liter	Diesel	850 CCA	33	PV-49/H8-AGM			
2024-23	L4/2.7 Liter		730 CCA	33	PV-94R/H7-AGM			
GMC Envoy								
2009-02	L6/4.2 Liter		600 CCA	40	PV-78			
2009-05	V8/5.3 Liter		600 CCA	40	PV-78			
GMC Envoy XL								
2006-02	L6/4.2 Liter		600 CCA	40	PV-78			
2006-03	V8/5.3 Liter		600 CCA	40	PV-78			
GMC Envoy XUV								
2005-04	V8/5.3 Liter		600 CCA	40	PV-78			
2005-04	L6/4.2 Liter		600 CCA	40	PV-78			
GMC G-Series Vans (1500, 2500, 3500)								
1995-94	V8/5.0 Liter		600 CCA		PV-78		PV-78DT	
1995-94	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
1996-94	V8/7.4 Liter		600 CCA		PV-78		PV-78DT	
1996-94	V8/6.5 Liter	Diesel	600 CCA	2	PV-78		PV-78DT	
1996-94	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
GMC Hummer EV Pickup, SUV								
2024-22	Electric		730 CCA	33	PV-94R/H7-AGM			
GMC K Series Pickups (See C/K, R/V Pickups, Jimmy, Suburban)								

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
GMC P-Series Vans (3500, 4500)								
1996-89	V8/5.7 Liter		525 CCA				PV-75DT	
1996-90	V6/4.3 Liter		525 CCA				PV-75DT	
1996-94	V8/5.7 Liter	Optional	600 CCA		PV-78		PV-78DT	
1996-94	V6/4.3 Liter	Optional	600 CCA		PV-78		PV-78DT	
1999-94	V8/7.4 Liter		600 CCA		PV-78		PV-78DT	
1999-94	V8/6.5 Liter	Diesel	600 CCA 2		PV-78		PV-78DT	
1999-97	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
1999-97	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
GMC R Series Pickups (See C/K, R/V Pickups, Jimmy, Suburban)								
GMC Safari								
2005-94	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
GMC Savana 1500								
2002-96	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
2002-96	V8/5.0 Liter		600 CCA		PV-78		PV-78DT	
2014-03	V8/5.3 Liter		600 CCA		PV-78		PV-78DT	
2014-96	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
GMC Savana 2500								
2002-96	V8/6.5 Liter	Diesel	600 CCA 2		PV-78		PV-78DT	
2002-96	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
2002-96	V8/5.0 Liter		600 CCA		PV-78		PV-78DT	
2005-03	V8/5.3 Liter		600 CCA		PV-78		PV-78DT	
2005-96	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
2017-03	V8/4.8 Liter		600 CCA		PV-78		PV-78DT	
2020-03	V8/6.0 Liter		600 CCA		PV-78		PV-78DT	
2024-18	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
2024-21	V8/6.6 Liter		600 CCA		PV-78		PV-78DT	
GMC Savana 3500								
1998-96	V8/7.4 Liter		600 CCA		PV-78		PV-78DT	
2000	V8/7.4 Liter		600 CCA		PV-78		PV-78DT	
2002-01	V8/8.1 Liter		600 CCA		PV-78		PV-78DT	
2002-96	V8/6.5 Liter	Diesel	600 CCA 2		PV-78		PV-78DT	
2002-96	V8/5.7 Liter		600 CCA		PV-78		PV-78DT	
2017-04	V8/4.8 Liter		600 CCA		PV-78		PV-78DT	
2020-03	V8/6.0 Liter		600 CCA		PV-78		PV-78DT	
2024-18	V6/4.3 Liter		600 CCA		PV-78		PV-78DT	
2024-21	V8/6.6 Liter		600 CCA		PV-78		PV-78DT	
GMC Sierra 1500								
2007	V8/6.2 Liter	Early	600 CCA		PV-78		PV-75DT	
2007	V8/6.2 Liter	Late	615 CCA		PV-48/H6		PV-48/H6-AGM	
2007-01	V8/6.0 Liter	2007 early	600 CCA		PV-78		PV-75DT	
2007-99	V8/5.3 Liter	2007 early	600 CCA		PV-78		PV-75DT	
2007-99	V8/4.8 Liter	2007 early	600 CCA		PV-78		PV-75DT	
2007-99	V6/4.3 Liter		600 CCA		PV-78		PV-75DT	
2009	V8/6.0 Liter	Optional	730 CCA				PV-48/H6-AGM	
2009-07	V8/6.0 Liter	2007 late	615 CCA		PV-48/H6		PV-48/H6-AGM	
2012-10	V8/6.0 Liter	Hybrid	615 CCA		PV-48/H6		PV-48/H6-AGM	
2012-10	V8/6.0 Liter	Hybrid, Heavy Duty	730 CCA				PV-48/H6-AGM	
2013	V8/6.0 Liter	Hybrid	730 CCA				PV-48/H6-AGM	
2013-07	V8/5.3 Liter	2007 late	615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-07	V8/4.8 Liter	2007 late	615 CCA		PV-48/H6		PV-48/H6-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
GMC Sierra 1500 (continued)								
2013-09	V8/5.3 Liter	Optional	730 CCA				PV-48/H6-AGM	
2013-09	V8/4.8 Liter	Optional	730 CCA				PV-48/H6-AGM	
2014-07	V6/4.3 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2014-08	V8/6.2 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2014-09	V8/6.2 Liter	Auxiliary	730 CCA				PV-48/H6-AGM	
2014-09	V6/4.3 Liter	Optional	730 CCA				PV-48/H6-AGM	
2017-14	V8/5.3 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018	V8/5.3 Liter	With Start-Stop	730 CCA	33 , 50	PV-94R/H7-AGM			
2018	V8/5.3 Liter	Without Start-Stop	720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-14	V8/6.2 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-14	V8/5.3 Liter	Auxiliary	730 CCA				PV-48/H6-AGM	
2018-15	V8/4.3 Liter	Auxiliary	730 CCA				PV-48/H6-AGM	
2021-14	V6/4.3 Liter		730 CCA				PV-48/H6-AGM	
2021-19	V8/5.3 Liter	VIN D	730 CCA	33 , 50	PV-94R/H7-AGM			
2021-19	V8/5.3 Liter	VIN F	720 CCA	33 , 50	PV-94R/H7-AGM			
2022-20	L6/3.0 Liter	Diesel	850 CCA	33 , 50	PV-49/H8-AGM			
2024	L6/3.0 Liter	Diesel	850 CCA	33 , 50	PV-49/H8-AGM			
2024-19	V8/6.2 Liter		730 CCA	33 , 50	PV-94R/H7-AGM			
2024-19	L4/2.7 Liter		730 CCA	33 , 50	PV-94R/H7-AGM			
2024-22	V8/5.3 Liter		730 CCA	33 , 50	PV-94R/H7-AGM			
GMC Sierra 1500 Classic								
2007	V8/6.0 Liter	Early	600 CCA		PV-78		PV-75DT	
2007	V8/6.0 Liter	Late	615 CCA		PV-48/H6		PV-48/H6-AGM	
2007	V8/5.3 Liter	Early	600 CCA		PV-78		PV-75DT	
2007	V8/5.3 Liter	Late	615 CCA		PV-48/H6		PV-48/H6-AGM	
2007	V8/4.8 Liter	Early	600 CCA		PV-78		PV-75DT	
2007	V8/4.8 Liter	Late	615 CCA		PV-48/H6		PV-48/H6-AGM	
2007	V6/4.3 Liter	Early	600 CCA		PV-78		PV-75DT	
2007	V6/4.3 Liter	Late	615 CCA		PV-48/H6		PV-48/H6-AGM	
GMC Sierra 1500 HD Classic								
2007	V8/6.0 Liter	Early	600 CCA		PV-78		PV-75DT	
2007	V8/6.0 Liter	Late	615 CCA		PV-48/H6		PV-48/H6-AGM	
GMC Sierra 1500 Limited								
2019	V8/5.3 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2019	V8/5.3 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2022	V8/5.3 Liter	VIN D	730 CCA	33	PV-94R/H7-AGM			
2022	V8/5.3 Liter	VIN F	720 CCA	33	PV-94R/H7-AGM			
2022	L6/3.0 Liter	Diesel	850 CCA	33	PV-49/H8-AGM			
2022	L4/2.7 Liter		730 CCA	33	PV-94R/H7-AGM			
GMC Sierra 1500HD								
2003-01	V8/6.0 Liter		600 CCA		PV-78		PV-75DT	
2006-05	V8/6.0 Liter		600 CCA		PV-78		PV-75DT	
GMC Sierra 2500								
2000-99	V8/5.3 Liter		600 CCA		PV-78		PV-75DT	
2004-99	V8/6.0 Liter		600 CCA		PV-78		PV-75DT	
GMC Sierra 2500 HD								
2002-01	V8/6.6 Liter	Diesel	600 CCA	2	PV-78		PV-75DT	
2004	V8/6.6 Liter	Diesel	600 CCA	2	PV-78		PV-75DT	
2006-01	V8/8.1 Liter		600 CCA		PV-78		PV-75DT	
2006-01	V8/6.0 Liter		600 CCA		PV-78		PV-75DT	

[For footnote descriptions, see page 14.](#)

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
GMC Sierra 2500 HD (continued)								
2007	V8/6.6 Liter	Diesel, Late	730 CCA 2				PV-48/H6-AGM	
2007	V8/6.0 Liter	Early	600 CCA		PV-78		PV-75DT	
2007	V8/6.0 Liter	Late	615 CCA		PV-48/H6		PV-48/H6-AGM	
2009	V8/6.0 Liter	Optional	730 CCA				PV-48/H6-AGM	
2013-08	V8/6.0 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2013-11	V8/6.0 Liter	Optional	730 CCA				PV-48/H6-AGM	
2014-08	V8/6.6 Liter	Diesel	730 CCA 2				PV-48/H6-AGM	
2016-14	V8/6.0 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2017	V8/6.0 Liter		730 CCA 33		PV-94R/H7-AGM			
2017-14	V8/6.0 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018	V8/6.0 Liter	With Start-Stop	730 CCA 33		PV-94R/H7-AGM			
2018	V8/6.0 Liter	Without Start-Stop	720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-15	V8/6.6 Liter	Diesel	730 CCA 2				PV-48/H6-AGM	
2018-15	V8/6.6 Liter	Diesel, Auxiliary	730 CCA 2				PV-48/H6-AGM	
2019	V8/6.0 Liter		730 CCA 33		PV-94R/H7-AGM			
2019-15	V8/6.0 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2023-20	V8/6.6 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2023-20	V8/6.6 Liter	Gas	720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2024	V8/6.6 Liter	Gas	730 CCA 33		PV-94R/H7-AGM			
2024	V8/6.6 Liter	Gas, Auxiliary Battery	700 CCA 33		PV-48/H6-AGM			
2024-19	V8/6.6 Liter	Diesel	730 CCA 2				PV-48/H6-AGM	
GMC Sierra 2500 HD Classic								
2007	V8/8.1 Liter	Early	600 CCA		PV-78		PV-75DT	
2007	V8/8.1 Liter	Late	615 CCA		PV-48/H6		PV-48/H6-AGM	
2007	V8/6.6 Liter	Diesel, Late	730 CCA 2				PV-48/H6-AGM	
2007	V8/6.0 Liter	Early	600 CCA		PV-78		PV-75DT	
2007	V8/6.0 Liter	Late	615 CCA		PV-48/H6		PV-48/H6-AGM	
GMC Sierra 3500								
2002-01	V8/6.6 Liter	Diesel	600 CCA 2		PV-78		PV-75DT	
2004	V8/6.6 Liter	Diesel	600 CCA 2		PV-78		PV-75DT	
2006-01	V8/8.1 Liter		600 CCA		PV-78		PV-75DT	
2006-01	V8/6.0 Liter		600 CCA		PV-78		PV-75DT	
GMC Sierra 3500 Classic								
2007	V8/8.1 Liter	Early	600 CCA		PV-78		PV-75DT	
2007	V8/8.1 Liter	Late	615 CCA		PV-48/H6		PV-48/H6-AGM	
2007	V8/6.6 Liter	Diesel, Late	730 CCA 2				PV-48/H6-AGM	
2007	V8/6.0 Liter	Early	600 CCA		PV-78		PV-75DT	
2007	V8/6.0 Liter	Late	615 CCA		PV-48/H6		PV-48/H6-AGM	
GMC Sierra 3500 HD								
2007	V8/6.6 Liter	Diesel, Early	600 CCA 2		PV-78		PV-75DT	
2007	V8/6.6 Liter	Diesel, Late	730 CCA 2				PV-48/H6-AGM	
2007	V8/6.0 Liter	Early	600 CCA 2		PV-78		PV-75DT	
2007	V8/6.0 Liter	Late	615 CCA 2		PV-48/H6		PV-48/H6-AGM	
2013-08	V8/6.0 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2014-08	V8/6.6 Liter	Diesel	730 CCA				PV-48/H6-AGM	
2014-09	V8/6.0 Liter	Optional	730 CCA				PV-48/H6-AGM	
2016-14	V8/6.0 Liter		720 CCA 2		PV-94R/H7		PV-94R/H7-AGM	
2017	V8/6.0 Liter		730 CCA 33		PV-94R/H7-AGM			
2017-15	V8/6.0 Liter	Auxiliary	730 CCA				PV-48/H6-AGM	
2018	V8/6.0 Liter	With Start-Stop	730 CCA 33		PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
GMC Sierra 3500 HD (continued)								
2018	V8/6.0 Liter	Without Start-Stop	720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-15	V8/6.6 Liter	Diesel	730 CCA 2				PV-48/H6-AGM	
2018-15	V8/6.6 Liter	Diesel, Auxiliary	730 CCA 2				PV-48/H6-AGM	
2019	V8/6.0 Liter		730 CCA 33		PV-94R/H7-AGM			
2019	V8/6.0 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2023-20	V8/6.6 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2023-20	V8/6.6 Liter	Gas	730 CCA 33		PV-94R/H7-AGM			
GMC Sonoma								
2003-94	L4/2.2 Liter		525 CCA				PV-75DT	
2004-91	V6/4.3 Liter		525 CCA				PV-75DT	
GMC Terrain								
2011-10	V6/3.0 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2012	V6/3.0 Liter		660 CCA				PV-48/H6-AGM	
2017-10	L4/2.4 Liter		525 CCA				PV-47/H5-AGM	
2017-13	V6/3.6 Liter		660 CCA				PV-48/H6-AGM	
2019-18	L4/1.6 Liter		700 CCA 33		PV-48/H6-AGM			
2020-18	L4/2.0 Liter		700 CCA 33		PV-48/H6-AGM			
2024-18	L4/1.5 Liter		700 CCA 33		PV-48/H6-AGM			
GMC V Series Pickups (See C/K, R/V Pickups, Jimmy, Suburban)								
GMC Yukon XL								
2020-15	V8/6.2 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2020-15	V8/6.2 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2020-15	V8/5.3 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2020-15	V8/5.3 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2024-21	V8/6.2 Liter		730 CCA 33, 50		PV-94R/H7-AGM			
2024-21	V8/5.3 Liter		730 CCA 33, 50		PV-94R/H7-AGM			
2024-21	L6/3.0 Liter	Diesel	730 CCA 33, 50		PV-94R/H7-AGM			
GMC Yukon, Yukon XL 1500, Yukon XL 2500								
1997	V8/6.5 Liter	Diesel	600 CCA 2		PV-78		PV-75DT	
2000	V8/5.3 Liter	Primary Battery	600 CCA		PV-78		PV-75DT	
2000-94	V8/5.7 Liter		600 CCA		PV-78		PV-75DT	
2006-00	V8/6.0 Liter		600 CCA		PV-78		PV-75DT	
2006-00	V8/5.3 Liter		600 CCA		PV-78		PV-75DT	
2006-00	V8/4.8 Liter		600 CCA		PV-78		PV-75DT	
2006-01	V8/8.1 Liter		600 CCA		PV-78		PV-75DT	
2009	V8/6.0 Liter	Hybrid, Heavy Duty	730 CCA				PV-48/H6-AGM	
2009	V8/4.8 Liter	Optional	730 CCA				PV-48/H6-AGM	
2009-07	V8/4.8 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2011-07	V8/6.2 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2011-07	V8/6.0 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2011-07	V8/5.3 Liter		615 CCA		PV-48/H6		PV-48/H6-AGM	
2011-09	V8/6.0 Liter	Optional	730 CCA				PV-48/H6-AGM	
2011-10	V8/6.0 Liter	Hybrid, Optional	730 CCA				PV-48/H6-AGM	
2013-12	V8/6.0 Liter	Hybrid	660 CCA				PV-48/H6-AGM	
2013-12	V8/6.0 Liter	Hybrid, Heavy Duty	730 CCA				PV-48/H6-AGM	
2014-12	V8/6.2 Liter		660 CCA				PV-48/H6-AGM	
2014-12	V8/5.3 Liter		660 CCA				PV-48/H6-AGM	
2015-09	V8/6.2 Liter	Optional	730 CCA				PV-48/H6-AGM	
2015-09	V8/5.3 Liter	Optional	730 CCA				PV-48/H6-AGM	
2020-15	V8/6.2 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
GMC Yukon, Yukon XL 1500, Yukon XL 2500 (continued)								
2020-15	V8/5.3 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2020-17	V8/6.2 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2020-17	V8/5.3 Liter	Auxiliary Battery	730 CCA				PV-48/H6-AGM	
2024-21	V8/6.2 Liter		730 CCA 33, 50		PV-94R/H7-AGM			
2024-21	V8/5.3 Liter		730 CCA 33, 50		PV-94R/H7-AGM			
2024-21	L6/3.0 Liter	Diesel	730 CCA 33, 50		PV-94R/H7-AGM			
Honda								
Honda Accord								
1997-96	V6/2.7 Liter		500 CCA		PV-24		PV-78DT	1B
2002-98	V6/3.0 Liter		500 CCA		PV-24		PV-78DT	1B
2002-98	L4/2.3 Liter		450 CCA		PV-35			
2007-03	V6/3.0 Liter		440 CCA		PV-35			
2011-10	L4/2.4 Liter	Manual Transmission	410 CCA		PV-51R			
2012	L4/2.4 Liter	Canada & California	440 CCA		PV-35			
2012-08	L4/2.4 Liter	California, Automatic Transmission	440 CCA		PV-35			
2012-08	L4/2.4 Liter	Except California, Automatic	410 CCA		PV-51R			
2013	L4/2.4 Liter	California & Canada	440 CCA		PV-35			
2013-12	L4/2.4 Liter	United States, Except California	410 CCA		PV-51R			
2017-14	L4/2.4 Liter		410 CCA		PV-51R			
2020-18	L4/1.5 Liter		540 CCA				PV-47/H5-AGM	
2022-18	L4/2.0 Liter		620 CCA		PV-48/H6		PV-48/H6-AGM	
Honda Civic								
1995-92	L4/1.5 Liter		410 CCA		PV-51R			
2000-92	L4/1.6 Liter		410 CCA		PV-51R			
2005-03	L4/1.3 Liter	Hybrid	410 CCA 6		PV-51R			
2011-08	L4/2.0 Liter	Canada	410 CCA		PV-51R			
2011-08	L4/2.0 Liter	United States	310 CCA		PV-51R			
2013-08	L4/1.8 Liter	Canada	410 CCA		PV-51R			
2013-08	L4/1.8 Liter	United States	310 CCA		PV-51R			
2013-12	L4/2.4 Liter	Canada	410 CCA		PV-51R			
2013-12	L4/2.4 Liter	United States	310 CCA		PV-51R			
2015-14	L4/2.4 Liter		410 CCA		PV-51R			
2015-14	L4/1.8 Liter		410 CCA		PV-51R			
2016	L4/2.0 Liter	United States	410 CCA		PV-51R			
2021-16	L4/2.0 Liter	Canada	540 CCA				PV-47/H5-AGM	
2021-16	L4/1.5 Liter	Canada	540 CCA				PV-47/H5-AGM	
2021-16	L4/1.5 Liter	United States	410 CCA		PV-51R			
2021-17	L4/2.0 Liter	Except Type R, United States	410 CCA		PV-51R			
2021-17	L4/2.0 Liter	Type R, United States	540 CCA				PV-47/H5-AGM	
2023-22	L4/2.0 Liter	Except Type R	410 CCA		PV-51R			
2023-22	L4/2.0 Liter	Type R	540 CCA				PV-47/H5-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Honda Civic del Sol								
1995-93	L4/1.5 Liter		410 CCA		PV-51R			
1997-93	L4/1.6 Liter		410 CCA		PV-51R			
Honda Crosstour								
2013-12	L4/2.4 Liter	California & Canada	440 CCA		PV-35			
2013-12	L4/2.4 Liter	United States	410 CCA		PV-51R			
Honda CR-V								
2001-97	L4/2.0 Liter		410 CCA		PV-51R			
2016-02	L4/2.4 Liter		410 CCA		PV-51R			
2016-14	L4/2.4 Liter	Canada	440 CCA		PV-35			
2016-14	L4/2.4 Liter	United States	410 CCA		PV-51R			
2019-17	L4/2.4 Liter	Canada	550 CCA				PV-47/H5-AGM	
2019-17	L4/2.4 Liter	United States	410 CCA		PV-51R			
2019-17	L4/1.5 Liter	Canada	550 CCA				PV-47/H5-AGM	
2019-17	L4/1.5 Liter	United States	410 CCA		PV-51R			
2021-20	L4/1.5 Liter	United States, Hybrid	410 CCA		PV-51R			
Honda Element								
2011-03	L4/2.4 Liter		410 CCA		PV-51R			
Honda Odyssey								
2019-18	V6/3.5 Liter	Elite, Touring	650 CCA 33		PV-48/H6-AGM			
2019-18	V6/3.5 Liter	Except Elite, Touring	620 CCA		PV-48/H6		PV-48/H6-AGM	
2024-21	V6/3.5 Liter		650 CCA 33		PV-48/H6-AGM			
Honda Passport								
1995-94	V6/3.2 Liter	Manual Transmission	380 CCA		PV-24			
1995-94	L4/2.6 Liter		380 CCA		PV-24			
2024-19	V6/3.5 Liter		650 CCA 33		PV-48/H6-AGM			
Honda Pilot								
2016	V6/3.5 Liter	Front Wheel Drive	620 CCA		PV-48/H6		PV-48/H6-AGM	
2016	V6/3.5 Liter	SH-All Wheel Drive	650 CCA 33		PV-48/H6-AGM			
2017-16	V6/3.5 Liter		620 CCA		PV-48/H6		PV-48/H6-AGM	
2017-16	V6/3.5 Liter	Elite, Touring	650 CCA 33		PV-48/H6-AGM			
2020-18	V6/3.5 Liter	Elite, Touring, TRG	650 CCA 33		PV-48/H6-AGM			
2020-18	V6/3.5 Liter	Except Elite, Touring, TRG	620 CCA		PV-48/H6		PV-48/H6-AGM	
2024-21	V6/3.5 Liter		650 CCA 33		PV-48/H6-AGM			
Honda Prelude								
1996-92	L4/2.3 Liter		550 CCA				PV-78DT	1B
2001-92	L4/2.2 Liter		550 CCA				PV-78DT	1B
Honda Ridgeline								
2019-17	V6/3.5 Liter		620 CCA		PV-48/H6		PV-48/H6-AGM	
2024-20	V6/3.5 Liter		650 CCA 33		PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Hummer								
Hummer H2								
2009-08	V8/6.2 Liter		730 CCA				PV-48/H6-AGM	
Hyundai								
Hyundai Accent								
2016	L4/1.6 Liter		600 CCA				PV-47/H5-AGM	
2017-14	L4/1.6 Liter				PV-47/H5		PV-47/H5-AGM	
2021-18	L4/1.6 Liter		60 Ah 33		PV-47/H5-AGM			
Hyundai Elantra								
1995-92	L4/1.6 Liter		435 CCA		PV-24			
1996-93	L4/1.8 Liter		435 CCA		PV-24			
2013-11	L4/1.8 Liter		550 CCA				PV-47/H5-AGM	
2013-11	L4/1.8 Liter	Optional	550 CCA		PV-48/H6		PV-48/H6-AGM	
2016-11	L4/2.0 Liter		550 CCA				PV-47/H5-AGM	
2016-14	L4/1.8 Liter	Automatic Transmission	760 CCA 33		PV-48/H6-AGM			
2016-14	L4/1.8 Liter	Manual Transmission	550 CCA				PV-47/H5-AGM	
2018-17	L4/2.0 Liter		60 Ah 33		PV-48/H6-AGM			
2018-17	L4/1.4 Liter		760 CCA 33		PV-48/H6-AGM			
2024-17	L4/1.6 Liter		550 CCA				PV-47/H5-AGM	
2024-19	L4/2.0 Liter		640 CCA 33		PV-47/H5-AGM			
Hyundai Elantra Coupe								
2013	L4/1.8 Liter		550 CCA				PV-47/H5-AGM	
2014	L4/2.0 Liter		550 CCA				PV-47/H5-AGM	
Hyundai Elantra GT								
2013	L4/1.8 Liter		550 CCA				PV-47/H5-AGM	
2019-14	L4/2.0 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2019-18	L4/1.6 Liter		550 CCA				PV-47/H5-AGM	
Hyundai Elantra N								
2024-22	L4/2.0 Liter		600 CCA				PV-47/H5-AGM	
Hyundai Equus								
2011	V8/4.6 Liter		740 CCA				PV-49/H8-AGM	
2016-12	V8/5.0 Liter		740 CCA 50				PV-49/H8-AGM	
Hyundai Genesis								
2012-09	V8/4.6 Liter	Sedan	740 CCA 54				PV-49/H8-AGM	
2013-09	V6/3.8 Liter	Sedan	740 CCA 54				PV-49/H8-AGM	
2016-14	V6/3.8 Liter		740 CCA 50				PV-49/H8-AGM	
Hyundai Ioniq 5								
2024-22		Electric	550 CCA				PV-47/H5-AGM	
Hyundai Ioniq 6								
2024-22		Electric	550 CCA				PV-47/H5-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Hyundai Kona								
2021-18	L4/2.0 Liter		640 CCA 33		PV-48/H6-AGM			
2021-18	L4/1.6 Liter		640 CCA 33		PV-48/H6-AGM			
2023-22	L4/2.0 Liter		640 CCA				PV-47/H5-AGM	
2023-22	L4/1.6 Liter		640 CCA				PV-47/H5-AGM	
Hyundai Palisade								
2024-20	V6/3.8 Liter		800 CCA 33		PV-94R/H7-AGM			
Hyundai Santa Fe								
2023-21	L4/2.5 Liter		760 CCA				PV-48/H6-AGM	
2023-21	L4/1.6 Liter	Hybrid Electric Vehicle	640 CCA				PV-47/H5-AGM	
Hyundai Santa Fe Sport								
2018-17	L4/2.4 Liter		800 CCA 33		PV-94R/H7-AGM			
2018-17	L4/2.0 Liter		800 CCA 33		PV-94R/H7-AGM			
Hyundai Sonata								
1998-92	L4/2.0 Liter		420 CCA		PV-24			
2014	L4/2.4 Liter	Gas	760 CCA 33		PV-48/H6-AGM			
2015	L4/2.4 Liter	Gas	800 CCA 33		PV-94R/H7-AGM			
2016	L4/2.0 Liter	Gas	760 CCA 33		PV-48/H6-AGM			
2017-15	L4/2.4 Liter		800 CCA 33		PV-94R/H7-AGM			
2017-15	L4/1.6 Liter		800 CCA 33		PV-94R/H7-AGM			
2018	L4/1.6 Liter		760 CCA 33		PV-48/H6-AGM			
2019-14	L4/2.0 Liter		760 CCA 33		PV-48/H6-AGM			
2019-18	L4/2.4 Liter		760 CCA 33		PV-48/H6-AGM			
2023-20	L4/2.5 Liter		760 CCA				PV-48/H6-AGM	
2023-20	L4/1.6 Liter		760 CCA				PV-48/H6-AGM	
Hyundai Tucson								
2016-15		Electric	410 CCA		PV-47/H5		PV-47/H5-AGM	
2016-15		Electric/Hydrogen	600 CCA				PV-47/H5-AGM	
2017		Electric/Hydrogen	600 CCA				PV-47/H5-AGM	
2018-16	L4/1.6 Liter		640 CCA				PV-48/H6-AGM	
2019-16	L4/2.0 Liter		640 CCA				PV-48/H6-AGM	
2019-18	L4/2.4 Liter		640 CCA				PV-48/H6-AGM	
2023-20	L4/2.5 Liter		760 CCA				PV-48/H6-AGM	
Hyundai Veloster								
2014	L4/1.6 Liter		550 CCA				PV-47/H5-AGM	
2016	L4/1.6 Liter	Turbo	410 CCA		PV-47/H5		PV-47/H5-AGM	
2016-13	L4/1.6 Liter	Turbo	550 CCA				PV-47/H5-AGM	
2021-19	L4/2.0 Liter		550 CCA				PV-47/H5-AGM	
2021-19	L4/1.6 Liter		550 CCA				PV-47/H5-AGM	
Hyundai Veloster N								
2022-19	L4/2.0 Liter		760 CCA 33		PV-48/H6-AGM			
Hyundai Venue								
2023-20	L4/1.6 Liter		410 CCA		PV-47/H5		PV-47/H5-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Infiniti								
Infiniti G20								
1996-91	L4/2.0 Liter	California	360 CCA		PV-35			
Infiniti I30								
1997-96	V6/3.0 Liter	California	415 CCA		PV-24F			
1997-96	V6/3.0 Liter	United States	360 CCA		PV-35			
Infiniti I35								
2004-03	V6/3.5 Liter		445 CCA		PV-24F			
Infiniti M45								
2004	V8/4.5 Liter		490 CCA		PV-24			
Infiniti Q45								
2001-97	V8/4.1 Liter		585 CCA			PV-78DT		1B
Infiniti QX4								
2000-97	V6/3.3 Liter	Heavy Duty, With Heated Seats & Canada	450 CCA		PV-24		PV-75DT	1C
2000-97	V6/3.3 Liter	United States	360 CCA		PV-24			
2001	V6/3.5 Liter		490 CCA		PV-24		PV-75DT	1C
2002	V6/3.5 Liter		360 CCA		PV-24			
2003	V6/3.5 Liter		490 CCA		PV-24		PV-75DT	1C
Infiniti QX50								
2023-19	L4/2.0 Liter		700 CCA	2 , 50 , 59			PV-48/H6-AGM	9
Infiniti QX55								
2025-19	L4/2.0 Liter		720 CCA	33	PV-48/H6-AGM			
Infiniti QX60								
2024-22	V6/3.5 Liter	Pure Trim	700 CCA	9 , 33	PV-48/H6-AGM			
2025-22	V6/3.5 Liter	Luxe, Sensory, Autograph trim	800 CCA	9 , 33	PV-94R/H7-AGM	9		
Isuzu								
Isuzu Ascender								
2006-03	V8/5.3 Liter		600 CCA	40	PV-78			
2008-03	L6/4.2 Liter		600 CCA	40	PV-78			
Isuzu Pickup								
1995-90	L4/2.3 Liter	Manual Transmission	430 CCA		PV-24			
Isuzu Rodeo								
2003-98	L4/2.2 Liter		600 CCA			PV-78DT		1B
2004-98	V6/3.2 Liter		600 CCA			PV-78DT		1B
Isuzu Rodeo Sport								
2002-01	V6/3.2 Liter		600 CCA			PV-78DT		1B
2002-01	L4/2.2 Liter		600 CCA			PV-78DT		1B
2003	V6/3.2 Liter	United States	600 CCA			PV-78DT		1B
2003	L4/2.2 Liter	United States	600 CCA			PV-78DT		1B
Isuzu Trooper								
2002-01	V6/3.5 Liter	Manual Transmission	585 CCA			PV-78DT		1B
Isuzu VehiCROSS								
2000-99	V6/3.5 Liter		580 CCA			PV-78DT		1B
2001	V6/3.5 Liter		585 CCA			PV-78DT		1B

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Jaguar								
Jaguar E-Pace								
2022-18	L4/2.0 Liter		850 CCA	33	PV-94R/H7-AGM			
Jaguar F-Pace								
2020-17	V6/3.0 Liter	With Park Heater or Optional battery	900 CCA	33 , 54	PV-49/H8-AGM			
2020-17	V6/3.0 Liter	Without Park Heater or Standard battery	850 CCA	33	PV-94R/H7-AGM			
2020-17	L4/2.0 Liter	With Park Heater or Optional battery	900 CCA	33 , 54	PV-49/H8-AGM			
2020-17	L4/2.0 Liter	Without Park Heater or Standard battery	850 CCA	33	PV-94R/H7-AGM			
2022-19	V8/5.0 Liter	With Park Heater or Optional battery	900 CCA	33 , 54	PV-49/H8-AGM			
2022-19	V8/5.0 Liter	Without Park Heater or Standard battery	850 CCA	33	PV-94R/H7-AGM			
2022-21	L6/3.0 Liter	With Park Heater or Optional battery	900 CCA	33 , 54	PV-49/H8-AGM			
2022-21	L6/3.0 Liter	Without Park Heater or Standard battery	850 CCA	33	PV-94R/H7-AGM			
Jaguar F-Type								
2014	V8/5.0 Liter	Primary Battery	850 CCA	33	PV-49/H8-AGM			
2014	V6/3.0 Liter	Primary Battery	850 CCA	33	PV-49/H8-AGM			
2016-15	V8/5.0 Liter	Primary Battery	900 CCA	33	PV-49/H8-AGM			
2016-15	V6/3.0 Liter	Primary Battery	900 CCA	33	PV-49/H8-AGM			
2017-14	V8/5.0 Liter		900 CCA	33 , 54	PV-49/H8-AGM			
2017-14	V6/3.0 Liter		900 CCA	33 , 54	PV-49/H8-AGM			
Jaguar S-Type								
2002-00	V8/4.0 Liter		680 CCA	54			PV-49/H8-AGM	
2002-00	V6/3.0 Liter		680 CCA	54			PV-49/H8-AGM	
2002-01	V6/3.0 Liter		680 CCA	50			PV-49/H8-AGM	
2006-03	V8/4.2 Liter		750 CCA	50			PV-49/H8-AGM	
2006-03	V8/4.2 Liter		750 CCA	54			PV-49/H8-AGM	
2006-03	V8/4.2 Liter		800 CCA	50			PV-49/H8-AGM	
2006-03	V6/3.0 Liter		750 CCA	50			PV-49/H8-AGM	
2006-03	V6/3.0 Liter		750 CCA	54			PV-49/H8-AGM	
2006-03	V6/3.0 Liter		800 CCA	50			PV-49/H8-AGM	
2007	V8/4.2 Liter		90 Ah	50			PV-49/H8-AGM	
2008	V8/4.2 Liter		800 CCA	50			PV-49/H8-AGM	
2008	V8/4.2 Liter		850 CCA	50			PV-49/H8-AGM	
2008	V8/4.2 Liter		850 CCA	54			PV-49/H8-AGM	
2008-07	V6/3.0 Liter		90 Ah	50			PV-49/H8-AGM	
Jaguar Vanden Plas								
1996-94	L6/4.0 Liter		590 CCA	5 , 50			PV-47/H5-AGM	
2003-98	V8/4.0 Liter		680 CCA				PV-49/H8-AGM	
Jaguar XE								
2019	V8/5.0 Liter		850 CCA	33	PV-94R/H7-AGM			
2019-16	V6/3.0 Liter		850 CCA	33	PV-94R/H7-AGM			
2021-16	L4/2.0 Liter		850 CCA	33	PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Jaguar XF								
2010-09	V8/4.2 Liter		800 CCA 50				PV-49/H8-AGM	
2012-10	V8/5.0 Liter		800 CCA 50				PV-49/H8-AGM	
2012-10	V8/5.0 Liter	Canada (to VIN S30207)	90 Ah 50				PV-49/H8-AGM	
2013	V8/5.0 Liter	Primary Battery	800 CCA 33 , 54		PV-49/H8-AGM			
2013	L4/2.0 Liter		800 CCA 50				PV-49/H8-AGM	
2013	L4/2.0 Liter	GTDi	90 Ah				PV-49/H8-AGM	
2013-12	V8/5.0 Liter	Canada (from VIN S30208)	850 CCA 33 , 50		PV-49/H8-AGM			
2015-13	V6/3.0 Liter		900 CCA 33		PV-49/H8-AGM			
2015-14	V8/5.0 Liter		900 CCA 33		PV-49/H8-AGM			
2015-14	V8/5.0 Liter	Primary Battery	900 CCA 33		PV-49/H8-AGM			
2015-14	L4/2.0 Liter		800 CCA				PV-49/H8-AGM	
2017	L4/2.0 Liter		850 CCA 33		PV-94R/H7-AGM			
2017-14	V6/3.0 Liter		850 CCA 33		PV-94R/H7-AGM			
Jaguar XFR								
2013-10	V8/5.0 Liter	Supercharged	800 CCA 50				PV-49/H8-AGM	
2015-11	V8/5.0 Liter		800 CCA 50				PV-49/H8-AGM	
2015-14	V8/5.0 Liter	Primary Battery	900 CCA 33		PV-49/H8-AGM			
Jaguar XFR-S								
2013	V8/5.0 Liter	Supercharged	800 CCA 33 , 50		PV-49/H8-AGM			
2015-13	V8/5.0 Liter		800 CCA 50				PV-49/H8-AGM	
2015-14	V8/5.0 Liter	Primary Battery	900 CCA 33		PV-49/H8-AGM			
Jaguar XJ								
2012-11	V8/5.0 Liter		800 CCA 50 , 54				PV-49/H8-AGM	
2013	V8/5.0 Liter	Primary Battery	800 CCA 33 , 50		PV-49/H8-AGM			
2013	V6/3.0 Liter		800 CCA 50				PV-49/H8-AGM	
2013-11	V8/5.0 Liter		800 CCA 50				PV-49/H8-AGM	
2013-12	V8/5.0 Liter	Canada (from VIN V26780)	850 CCA 33 , 50		PV-49/H8-AGM			
2015-14	V8/5.0 Liter		800 CCA 33 , 50		PV-49/H8-AGM			
2015-14	V8/5.0 Liter		900 CCA 33 , 50		PV-49/H8-AGM			
2016	V8/5.0 Liter	Auxiliary Battery	900 CCA 33		PV-49/H8-AGM			
2016	V8/5.0 Liter	Primary Battery	900 CCA 33		PV-49/H8-AGM			
2017-14	V6/3.0 Liter		900 CCA 33		PV-49/H8-AGM			
2017-16	V8/5.0 Liter		900 CCA 33		PV-49/H8-AGM			
Jaguar XJ12								
1996-94	V12/6.0 Liter		590 CCA 5 , 50				PV-47/H5-AGM	
Jaguar XJ6								
1997-95	L6/4.0 Liter		800 CCA 50				PV-49/H8-AGM	
Jaguar XJ8								
2003-98	V8/4.0 Liter		680 CCA				PV-49/H8-AGM	
2009-04	V8/4.2 Liter		90 Ah 50				PV-49/H8-AGM	
Jaguar XJR								
1996-95	L6/4.0 Liter		590 CCA				PV-47/H5-AGM	
1997	L6/4.0 Liter		680 CCA				PV-49/H8-AGM	
2003-98	V8/4.0 Liter		680 CCA				PV-49/H8-AGM	
2006-04	V8/4.2 Liter		750 CCA 50				PV-49/H8-AGM	
2009-07	V8/4.2 Liter		800 CCA 50 , 54				PV-49/H8-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Jaguar XJS								
1995-94	V12/6.0 Liter		590 CCA	5 , 50			PV-47/H5-AGM	
1996-95	L6/4.0 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
Jaguar XK								
2011-10	V8/5.0 Liter		800 CCA	54			PV-49/H8-AGM	
2012	V8/5.0 Liter	Optional	800 CCA	54			PV-49/H8-AGM	
2013	V8/5.0 Liter		800 CCA	50			PV-49/H8-AGM	
Jaguar XK8								
2002-97	V8/4.0 Liter		680 CCA				PV-49/H8-AGM	
2003	V8/4.2 Liter		680 CCA				PV-49/H8-AGM	
2005-04	V8/4.2 Liter		750 CCA	50			PV-49/H8-AGM	
2006	V8/4.2 Liter		750 CCA	54			PV-49/H8-AGM	
Jaguar XKR								
2002-00	V8/4.0 Liter		680 CCA				PV-49/H8-AGM	
2003	V8/4.2 Liter		680 CCA				PV-49/H8-AGM	
2006-04	V8/4.2 Liter		750 CCA	50			PV-49/H8-AGM	
2013-10	V8/5.0 Liter		800 CCA	50			PV-49/H8-AGM	
2013-10	V8/5.0 Liter		800 CCA	54			PV-49/H8-AGM	
Jaguar XKR-S								
2012	V8/5.0 Liter		800 CCA	54			PV-49/H8-AGM	
2013	V8/5.0 Liter		800 CCA	50			PV-49/H8-AGM	
Jaguar X-Type								
2003-02	V6/3.0 Liter		640 CCA		PV-94R/H7		PV-94R/H7-AGM	
2003-02	V6/2.5 Liter		640 CCA		PV-94R/H7		PV-94R/H7-AGM	
2005-02	V6/2.5 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2006-04	V6/3.0 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2008-07	V6/3.0 Liter		80 Ah		PV-94R/H7		PV-94R/H7-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Jeep								
Jeep Cherokee								
2018-14	V6/3.2 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-14	V6/3.2 Liter	Optional	730 CCA 33		PV-94R/H7-AGM			
2018-14	L4/2.4 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2022-19	V6/3.2 Liter		700 CCA 33 , 50		PV-94R/H7-AGM			
2023-19	L4/2.4 Liter		700 CCA 33 , 50		PV-94R/H7-AGM			
2023-19	L4/2.0 Liter		700 CCA 33 , 50		PV-94R/H7-AGM			
Jeep Commander								
2007-06	V8/5.7 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2007-06	V8/4.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2007-06	V8/4.7 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2007-06	V6/3.7 Liter		730 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2008	V8/5.7 Liter	Early	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2008	V8/5.7 Liter	Late	625 CCA		PV-94R/H7		PV-94R/H7-AGM	
2008	V8/4.7 Liter	Early	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2008	V8/4.7 Liter	Early	730 CCA 57		PV-94R/H7		PV-94R/H7-AGM	
2008	V8/4.7 Liter	Late	625 CCA		PV-94R/H7		PV-94R/H7-AGM	
2008	V8/4.7 Liter	Late	625 CCA 57		PV-94R/H7		PV-94R/H7-AGM	
2008	V6/3.7 Liter	Early	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2008	V6/3.7 Liter	Late	625 CCA		PV-94R/H7		PV-94R/H7-AGM	
2009	V8/5.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2009	V8/4.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2009	V8/4.7 Liter		730 CCA 57		PV-94R/H7		PV-94R/H7-AGM	
2009	V6/3.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2010	V8/5.7 Liter		625 CCA		PV-94R/H7		PV-94R/H7-AGM	
2010	V6/3.7 Liter		625 CCA		PV-94R/H7		PV-94R/H7-AGM	
Jeep Compass								
2019-17	L4/2.4 Liter	Without Start-Stop	600 CCA		PV-48/H6		PV-48/H6-AGM	
2019-18	L4/2.4 Liter	With Start-Stop	500 CCA 33		PV-47/H5-AGM			
2022-18	L4/2.4 Liter	With Start-Stop	600 CCA 33		PV-47/H5-AGM			
2022-20	L4/2.4 Liter		600 CCA 33		PV-47/H5-AGM			
2022-20	L4/2.4 Liter	Optional	600 CCA		PV-48/H6		PV-48/H6-AGM	
2024-23	L4/2.0 Liter		650 CCA 33		PV-48/H6-AGM			
Jeep Gladiator								
2023-21	V6/3.0 Liter		650 CCA 33		PV-48/H6-AGM			
2024-20	V6/3.6 Liter		650 CCA 33		PV-48/H6-AGM			
2024-20	V6/3.6 Liter	Optional	700 CCA 33		PV-94R/H7-AGM			
Jeep Grand Cherokee								
2004-99	V8/4.7 Liter		625 CCA		PV-65			
2004-99	L6/4.0 Liter		625 CCA		PV-65			
2006	V8/6.1 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2006-05	V8/5.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2006-05	V8/4.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2006-05	V6/3.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2007	V8/6.1 Liter	United States	750 CCA				PV-94R/H7-AGM	
2007	V8/5.7 Liter	Canada	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2007	V8/4.7 Liter		750 CCA				PV-94R/H7-AGM	
2007	V8/4.7 Liter	Optional	850 CCA				PV-49/H8-AGM	
2007	V6/3.7 Liter		750 CCA				PV-94R/H7-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Jeep Grand Cherokee (continued)								
2007	V6/3.7 Liter	Optional	850 CCA				PV-49/H8-AGM	
2007	V6/3.0 Liter	Diesel	850 CCA				PV-49/H8-AGM	
2009-08	V8/6.1 Liter		730 CCA 57		PV-94R/H7		PV-94R/H7-AGM	
2009-08	V8/6.1 Liter	Optional	850 CCA 57				PV-49/H8-AGM	
2009-08	V8/5.7 Liter		730 CCA 57		PV-94R/H7		PV-94R/H7-AGM	
2009-08	V8/5.7 Liter	Optional	850 CCA 57				PV-49/H8-AGM	
2009-08	V8/4.7 Liter		730 CCA 57		PV-94R/H7		PV-94R/H7-AGM	
2009-08	V8/4.7 Liter	Optional	850 CCA 57				PV-49/H8-AGM	
2009-08	V6/3.7 Liter		730 CCA 57		PV-94R/H7		PV-94R/H7-AGM	
2009-08	V6/3.7 Liter	Optional	850 CCA 57				PV-49/H8-AGM	
2009-08	V6/3.0 Liter	Diesel	850 CCA 57				PV-49/H8-AGM	
2010	V8/6.1 Liter		750 CCA				PV-94R/H7-AGM	
2010	V8/6.1 Liter	Optional	850 CCA				PV-49/H8-AGM	
2010	V8/5.7 Liter		750 CCA				PV-94R/H7-AGM	
2010	V8/5.7 Liter	Optional	850 CCA				PV-49/H8-AGM	
2010	V6/3.7 Liter		750 CCA				PV-94R/H7-AGM	
2010	V6/3.7 Liter	Optional	850 CCA				PV-49/H8-AGM	
2011	V8/5.7 Liter		700 CCA 33, 50		PV-94R/H7-AGM			
2011	V6/3.6 Liter		700 CCA 33, 50		PV-94R/H7-AGM			
2012	V8/6.4 Liter	Standard Battery	800 CCA 33, 50		PV-94R/H7-AGM			
2012	V8/5.7 Liter	Standard Battery	800 CCA 33, 50		PV-94R/H7-AGM			
2012	V6/3.6 Liter	Standard Battery	800 CCA 33, 50		PV-94R/H7-AGM			
2013-11	V8/5.7 Liter	Optional	800 CCA 33, 50		PV-49/H8-AGM			
2013-11	V6/3.6 Liter	Optional	800 CCA 33, 50		PV-49/H8-AGM			
2013-12	V8/6.4 Liter	Optional	800 CCA 33, 50		PV-49/H8-AGM			
2014	V8/6.4 Liter	Optional	800 CCA 33, 50		PV-94R/H7-AGM			
2014	V8/5.7 Liter	Optional	800 CCA 33, 50		PV-94R/H7-AGM			
2014	V6/3.6 Liter	Optional	800 CCA 33, 50		PV-94R/H7-AGM			
2015	V8/6.4 Liter	Optional	800 CCA 33, 50		PV-49/H8-AGM			
2015	V8/5.7 Liter	Optional	800 CCA 33, 50		PV-49/H8-AGM			
2015	V6/3.6 Liter	Optional	800 CCA 33, 50		PV-49/H8-AGM			
2015-13	V6/3.6 Liter		700 CCA 33, 50		PV-94R/H7-AGM			
2017-16	V6/3.6 Liter	With Start-Stop	650 CCA 33, 50		PV-48/H6-AGM			
2017-16	V6/3.6 Liter	Without Start-Stop	700 CCA 33, 50		PV-94R/H7-AGM			
2021-13	V8/6.4 Liter		700 CCA 33, 50		PV-94R/H7-AGM			
2021-14	V6/3.0 Liter	Diesel	800 CCA 33, 50		PV-49/H8-AGM			
2021-18	V8/6.2 Liter		700 CCA 33, 50		PV-94R/H7-AGM			
2023-13	V8/5.7 Liter		700 CCA 33, 50		PV-94R/H7-AGM			
2023-18	V6/3.6 Liter	Optional	650 CCA 33, 50		PV-48/H6-AGM			
2023-18	V6/3.6 Liter		700 CCA 33, 50		PV-94R/H7-AGM			
2023-22	L4/2.0 Liter		650 CCA 33, 50		PV-48/H6-AGM			
2023-22	L4/2.0 Liter	With Tow Package	700 CCA 33, 50		PV-94R/H7-AGM			
Jeep Grand Cherokee L								
2023-21	V8/5.7 Liter		700 CCA 33, 50		PV-94R/H7-AGM			
2023-21	V6/3.6 Liter		650 CCA 33, 50		PV-48/H6-AGM			
2023-21	V6/3.6 Liter		700 CCA 33, 50		PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Jeep Grand Cherokee WK								
2022	V6/3.6 Liter		650 CCA	33 , 50	PV-48/H6-AGM			
2022	V6/3.6 Liter	Optional	700 CCA	33 , 50	PV-94R/H7-AGM			
Jeep Grand Wagoneer								
2023-22	V8/6.4 Liter		800 CCA	33 , 50	PV-49/H8-AGM			
2023-22	V8/6.4 Liter		700 CCA	33 , 50	PV-94R/H7-AGM			
Jeep Grand Wagoneer L								
2023-22	L6/3.0 Liter		800 CCA	33 , 50	PV-49/H8-AGM			
2023-22	L6/3.0 Liter		700 CCA	33 , 50	PV-94R/H7-AGM			
Jeep Renegade								
2015	L4/2.4 Liter	Canada	600 CCA		PV-48/H6		PV-48/H6-AGM	
2015	L4/2.4 Liter	United States	650 CCA				PV-47/H5-AGM	
2016-15	L4/1.4 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2018-17	L4/1.4 Liter		500 CCA		PV-47/H5		PV-47/H5-AGM	
2019	L4/1.3 Liter		500 CCA		PV-47/H5		PV-47/H5-AGM	
2021-16	L4/2.4 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2021-20	L4/1.3 Liter		600 CCA	33 , 50	PV-48/H6-AGM			
2023-21	L4/1.3 Liter		650 CCA	33 , 50	PV-48/H6-AGM			
Jeep Wagoneer								
2023-22	V8/5.7 Liter		800 CCA	33 , 50	PV-49/H8-AGM			
2023-22	V8/5.7 Liter		700 CCA	33 , 50	PV-94R/H7-AGM			
Jeep Wrangler								
2002	L4/2.5 Liter		600 CCA				PV-78DT	
2002	L4/2.5 Liter	Including TJ	600 CCA				PV-78DT	
2005-03	L4/2.4 Liter		600 CCA				PV-78DT	
2006-02	L6/4.0 Liter		600 CCA				PV-78DT	
2006-02	L6/4.0 Liter	Including TJ	600 CCA				PV-78DT	
2006-03	L4/2.4 Liter	Including TJ	600 CCA				PV-78DT	
2011-10	V6/3.8 Liter		600 CCA				PV-78DT	
2015-12	V6/3.6 Liter		640 CCA				PV-48/H6-AGM	
2017-16	V6/3.6 Liter		750 CCA				PV-48/H6-AGM	
2017-16	V6/3.6 Liter	Optional	800 CCA	33 , 50	PV-94R/H7-AGM			
2018	L4/2.0 Liter	Hybrid	650 CCA	33 , 50	PV-48/H6-AGM			
2018	L4/2.0 Liter	Hybrid	700 CCA	33 , 50	PV-94R/H7-AGM			
2020	V6/3.0 Liter		650 CCA	33 , 50	PV-48/H6-AGM			
2020	V6/3.0 Liter	Diesel	650 CCA	33 , 50	PV-48/H6-AGM			
2020	V6/3.0 Liter	Diesel, Optional	700 CCA	33 , 50	PV-94R/H7-AGM			
2021	V6/3.0 Liter	Diesel, Optional	700 CCA	33 , 50	PV-94R/H7-AGM			
2021	V6/3.0 Liter	Without Start-Stop	700 CCA	33 , 50	PV-94R/H7-AGM			
2024-18	V6/3.6 Liter		650 CCA	33 , 50	PV-48/H6-AGM			
2024-19	V6/3.6 Liter	Optional	700 CCA	33 , 50	PV-94R/H7-AGM			
2024-19	L4/2.0 Liter		650 CCA	33 , 50	PV-48/H6-AGM			
2024-19	L4/2.0 Liter	Optional	700 CCA	33 , 50	PV-94R/H7-AGM			
2024-21	V8/6.4 Liter		700 CCA	33 , 50	PV-94R/H7-AGM			
Jeep Wrangler JK								
2018	V6/3.6 Liter	With Start-Stop	650 CCA	33 , 50	PV-48/H6-AGM			
2018	V6/3.6 Liter	Without Start-Stop	700 CCA	33 , 50	PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Kia								
Kia Cadenza								
2021-17	V6/3.3 Liter		800 CCA	33	PV-94R/H7-AGM			
Kia Carnival								
2024-22	V6/3.5 Liter		800 CCA	33	PV-94R/H7-AGM			
Kia EV6								
2023-22	Electric		550 CCA				PV-47/H5-AGM	
Kia Forte								
2014	L4/2.0 Liter		660 CCA				PV-48/H6-AGM	
2016-14	L4/2.0 Liter		550 CCA				PV-47/H5-AGM	
2016-14	L4/2.0 Liter		640 CCA				PV-48/H6-AGM	
2016-14	L4/1.8 Liter		550 CCA				PV-47/H5-AGM	
2017	L4/2.0 Liter	LX		33	PV-47/H5-AGM			
2018-17	L4/2.0 Liter	Automatic Transmission	600 CCA	33	PV-47/H5-AGM			
2018-17	L4/2.0 Liter	Except LX	640 CCA				PV-48/H6-AGM	
2018-17	L4/2.0 Liter	Manual Transmission	600 CCA				PV-47/H5-AGM	
2023-19	L4/2.0 Liter		600 CCA	33	PV-47/H5-AGM			
2023-20	L4/1.6 Liter		600 CCA				PV-47/H5-AGM	
Kia Forte 5								
2016-14	L4/2.0 Liter		640 CCA				PV-48/H6-AGM	
2016-14	L4/1.6 Liter		550 CCA				PV-47/H5-AGM	
2017	L4/2.0 Liter	Except LX	640 CCA				PV-48/H6-AGM	
2017	L4/2.0 Liter	LX		33	PV-47/H5-AGM			
2017	L4/1.6 Liter	Except LX	550 CCA				PV-47/H5-AGM	
2017	L4/1.6 Liter	LX		33	PV-47/H5-AGM			
Kia Forte Koup								
2016-14	L4/2.0 Liter		640 CCA				PV-48/H6-AGM	
2017-14	L4/1.6 Liter		600 CCA				PV-47/H5-AGM	
Kia Forte5								
2018-17	L4/2.0 Liter	Automatic Transmission	600 CCA	33	PV-47/H5-AGM			
2018-17	L4/2.0 Liter	Manual Transmission	600 CCA				PV-47/H5-AGM	
2023-20	L4/2.0 Liter		600 CCA	33	PV-47/H5-AGM			
2023-20	L4/1.6 Liter		600 CCA				PV-47/H5-AGM	
Kia K5								
2023-21	L4/2.5 Liter		760 CCA	33	PV-48/H6-AGM			
2023-21	L4/1.6 Liter		760 CCA	33	PV-48/H6-AGM			
Kia Optima								
2001	V6/2.5 Liter		600 CCA				PV-47/H5-AGM	
2003-01	L4/2.4 Liter		600 CCA				PV-47/H5-AGM	
2015-14	L4/2.4 Liter	Gas	760 CCA	33	PV-48/H6-AGM			
2018-16	L4/2.4 Liter		800 CCA	33	PV-94R/H7-AGM			
2018-16	L4/1.6 Liter		800 CCA	33	PV-94R/H7-AGM			
2020-16	L4/2.0 Liter		760 CCA	33	PV-48/H6-AGM			
2020-17	L4/2.0 Liter	Hybrid	760 CCA	33	PV-48/H6-AGM			
2020-19	L4/2.4 Liter		760 CCA	33	PV-48/H6-AGM			
2020-19	L4/1.6 Liter		760 CCA	33	PV-48/H6-AGM			
Kia Rio								
2017-13	L4/1.6 Liter	With ISG	760 CCA	33	PV-48/H6-AGM			
2023-18	L4/1.6 Liter		600 CCA	33	PV-47/H5-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Kia Sedona								
2005-03	V6/3.5 Liter		500 CCA		PV-24F			
2021-15	V6/3.3 Liter	R-MDPS	850 CCA 33		PV-49/H8-AGM			
Kia Seltos								
2023-21	L4/2.0 Liter		760 CCA 33		PV-48/H6-AGM			
2023-21	L4/1.6 Liter		600 CCA 33		PV-47/H5-AGM			
Kia Sorento								
2020-16	V6/3.3 Liter		800 CCA 33		PV-94R/H7-AGM			
2020-16	L4/2.4 Liter		800 CCA 33		PV-94R/H7-AGM			
2020-16	L4/2.0 Liter		800 CCA 33		PV-94R/H7-AGM			
2023-21	L4/2.5 Liter		760 CCA 33		PV-48/H6-AGM			
2023-21	L4/1.6 Liter	Plug-in Hybrid Electric Vehicle, Hybrid Electric Vehicle	650 CCA				PV-47/H5-AGM	
Kia Soul								
2016-13	L4/2.0 Liter	With ISG	760 CCA 33		PV-48/H6-AGM			
2016-13	L4/1.6 Liter	With ISG	760 CCA 33		PV-48/H6-AGM			
2019-16	L4/2.0 Liter		760 CCA 33		PV-48/H6-AGM			
2019-17	L4/1.6 Liter	Automatic Transmission	600 CCA 33		PV-47/H5-AGM			
2021-20	L4/1.6 Liter		760 CCA 33		PV-48/H6-AGM			
2023-20	L4/2.0 Liter	With ISG	760 CCA 33		PV-48/H6-AGM			
2023-20	L4/2.0 Liter	Without ISG	600 CCA 33		PV-47/H5-AGM			
Kia Sportage								
2022-17	L4/2.4 Liter		640 CCA				PV-48/H6-AGM	
2022-17	L4/2.0 Liter		640 CCA				PV-48/H6-AGM	
2023	L4/2.5 Liter		760 CCA 33		PV-48/H6-AGM			
Kia Stinger								
2021-18	L4/2.0 Liter		800 CCA 33		PV-94R/H7-AGM			
2022-18	V6/3.3 Liter		850 CCA 33		PV-49/H8-AGM			
2023-22	L4/2.5 Liter		850 CCA 33		PV-94R/H7-AGM			
Kia Telluride								
2023-20	V6/3.8 Liter		800 CCA 33		PV-94R/H7-AGM			
Lamborghini								
Lamborghini Aventador								
2012	V12/6.5 Liter		800 CCA 54				PV-49/H8-AGM	
Lamborghini Gallardo								
2009-08	V10/5.0 Liter		800 CCA 50				PV-49/H8-AGM	
2012-09	V10/5.2 Liter		800 CCA 50				PV-49/H8-AGM	
Lamborghini Murcielago								
2010-08	V12/6.5 Liter		800 CCA 50				PV-49/H8-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Land Rover								
Land Rover Defender 110								
2022	V8/5.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2022-20	L6/3.0 Liter	Hybrid	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2023-20	L4/2.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Land Rover Defender 130								
2024-23	L6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Land Rover Defender 90								
2023-21	L6/3.0 Liter	Hybrid	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2023-21	L4/2.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2023-22	V8/5.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Land Rover Discovery								
2020-17	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2020-17	V6/3.0 Liter	Diesel	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2022-21	V6/3.0 Liter	Hybrid	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2023-21	L4/2.0 Liter	Hybrid	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Land Rover Discovery Sport								
2023-15	L4/2.0 Liter		850 CCA	33 , 50 , 54	PV-94R/H7-AGM			
Land Rover Freelander								
2005-02	V6/2.5 Liter		680 CCA				PV-48/H6-AGM	
2005-04	V6/2.5 Liter		480 CCA		PV-47/H5		PV-47/H5-AGM	
Land Rover LR2								
2012-08	L6/3.2 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2015-13	L4/2.0 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
Land Rover LR3								
2009-05	V8/4.4 Liter		720 CCA				PV-49/H8-AGM	
2009-05	V8/4.4 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2009-05	V6/4.0 Liter		720 CCA				PV-49/H8-AGM	
2009-07	V6/4.0 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	
Land Rover LR4								
2013-10	V8/5.0 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2016-14	V6/3.0 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
Land Rover Range Rover								
2009-06	V8/4.4 Liter	Canada only	720 CCA				PV-49/H8-AGM	
2009-06	V8/4.4 Liter	United States (to VIN CA361271)	720 CCA				PV-49/H8-AGM	
2009-06	V8/4.2 Liter	Canada only	720 CCA				PV-49/H8-AGM	
2009-06	V8/4.2 Liter	United States (to VIN CA361271)	720 CCA				PV-49/H8-AGM	
2009-07	V8/4.4 Liter		800 CCA				PV-49/H8-AGM	
2009-07	V8/4.2 Liter		800 CCA				PV-49/H8-AGM	
2010	V8/5.0 Liter	Optional on VIN AA309295 up	900 CCA				PV-49/H8-AGM	
2011	V8/5.0 Liter	Optional up to VIN BA346442	900 CCA	33	PV-49/H8-AGM			
2011	V8/5.0 Liter	Up to VIN BA346442	720 CCA				PV-49/H8-AGM	
2011	V8/5.0 Liter	VIN BA346443 to BA349790	900 CCA	33	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Land Rover Range Rover (continued)								
2011	V8/5.0 Liter	VIN BA349791 up	850 CCA	33 , 54	PV-49/H8-AGM			
2012	V8/5.0 Liter		850 CCA	33 , 54	PV-49/H8-AGM			
2012	V8/5.0 Liter		850 CCA	33	PV-49/H8-AGM			
2012-10	V8/5.0 Liter	Auxiliary Battery	500 CCA	45	PV-48/H6		PV-48/H6-AGM	
2019-14	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2021-16	V6/3.0 Liter	Diesel	760 CCA	33	PV-49/H8-AGM			
2021-16	V6/3.0 Liter	Diesel, Cold Climate	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2021-20	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2021-20	L4/2.0 Liter	Hybrid	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2022-13	V8/5.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Land Rover Range Rover Evoque								
2013-12	L4/2.0 Liter		80 Ah		PV-94R/H7		PV-94R/H7-AGM	
2018-14	L4/2.0 Liter		800 CCA	33	PV-94R/H7-AGM			
2023-19	L4/2.0 Liter		850 CCA	33 , 50 , 54	PV-94R/H7-AGM			
Land Rover Range Rover Sport								
2009-06	V8/4.4 Liter		720 CCA				PV-49/H8-AGM	
2009-06	V8/4.4 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2009-06	V8/4.2 Liter		720 CCA				PV-49/H8-AGM	
2009-06	V8/4.2 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2013-10	V8/5.0 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2014	V8/5.0 Liter	Primary Battery	900 CCA	33	PV-49/H8-AGM			
2014	V6/3.0 Liter	Primary Battery	900 CCA	33	PV-49/H8-AGM			
2015	V6/3.0 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2015-10	V8/5.0 Liter		720 CCA		PV-94R/H7		PV-94R/H7-AGM	
2016	V8/5.0 Liter			33	PV-49/H8-AGM			
2016	V6/3.0 Liter	Diesel	900 CCA	33	PV-49/H8-AGM			
2016-15	V8/5.0 Liter		900 CCA	33	PV-49/H8-AGM			
2016-15	V6/3.0 Liter		900 CCA	33	PV-49/H8-AGM			
2017-14	V8/5.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2017-14	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2017-16	V6/3.0 Liter	Diesel	760 CCA	33 , 50 , 54	PV-49/H8-AGM			
2017-16	V6/3.0 Liter	Diesel, Except Cold Climate	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2022-19	V6/3.0 Liter	Hybrid	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Land Rover Velar								
2023-22	V6/3.0 Liter	Hybrid, Cold Climate	900 CCA	33 , 50 , 54	PV-49/H8-AGM			
2023-22	V6/3.0 Liter	Hybrid, except Cold Climate	850 CCA	33 , 50 , 54	PV-94R/H7-AGM			
2023-22	L4/2.0 Liter	Except Cold Climate	850 CCA	33 , 50 , 54	PV-94R/H7-AGM			
2023-22	L4/2.0 Liter	Cold Climate	900 CCA	33 , 50 , 54	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Lexus								
Lexus ES250								
2023-21	L4/2.5 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
Lexus ES300								
2003-92	V6/3.0 Liter		360 CCA		PV-35			
Lexus ES350								
2023-19	V6/3.5 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
Lexus LC500								
2023-18	V8/5.0 Liter		70 Ah	50			PV-48/H6-AGM	
2023-18	V8/5.0 Liter	Cold Climate	80 Ah	50	PV-94R/H7		PV-94R/H7-AGM	
Lexus LC500h								
2023-18	V6/3.5 Liter	Hybrid	690 CCA	50			PV-48/H6-AGM	
Lexus LS500								
2023-18	V6/3.5 Liter	Except Executive, Luxury, F Sport Plus Package	605 CCA	50	PV-48/H6		PV-48/H6-AGM	
2023-18	V6/3.5 Liter	Executive, Luxury, F Sport Plus Package	795 CCA	50			PV-49/H8-AGM	
2023-18	V6/3.5 Liter	Optional F Sport Interior Upgrade Package	690 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
Lexus LS500h								
2023-18	V6/3.5 Liter	Hybrid, except Executive Package	605 CCA	50	PV-48/H6		PV-48/H6-AGM	
2023-18	V6/3.5 Liter	Hybrid, Optional or Executive Package	795 CCA	50			PV-49/H8-AGM	
Lexus NX300h								
2021-15	L4/2.5 Liter	Hybrid	460 CCA	50	PV-47/H5		PV-47/H5-AGM	
Lexus NX350h								
2023-22	L4/2.5 Liter	Hybrid	345 CCA	50	PV-47/H5		PV-47/H5-AGM	
Lexus NX450h+								
2023-22	L4/2.5 Liter	Hybrid	345 CCA	50	PV-47/H5		PV-47/H5-AGM	
Lexus RX450h								
2022-16	V6/3.5 Liter	Hybrid	460 CCA	33 , 50 , 55	PV-47/H5-AGM			
Lexus RX500h								
2023	L4/2.5 Liter	Hybrid	600 CCA		PV-48/H6		PV-48/H6-AGM	
Lexus SC430								
2002	V8/4.3 Liter		625 CCA				PV-48/H6-AGM	
2010-03	V8/4.3 Liter		585 CCA		PV-48/H6		PV-48/H6-AGM	
Lexus UX200								
2022-19	L4/2.0 Liter		590 CCA		PV-48/H6		PV-48/H6-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Lincoln								
Lincoln Aviator								
2005-03	V8/4.6 Liter		650 CCA		PV-65			
2021-20	V6/3.0 Liter	Optional	850 CCA	33 , 50	PV-49/H8-AGM			
2024-20	V6/3.0 Liter		800 CCA	33 , 50	PV-94R/H7-AGM			
Lincoln Blackwood								
2002	V8/5.4 Liter		650 CCA		PV-65			
Lincoln Continental								
2018-17	V6/3.7 Liter	Livery	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-17	V6/3.7 Liter	Non Livery	610 CCA		PV-48/H6		PV-48/H6-AGM	
2018-17	V6/3.0 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-17	V6/2.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2020-19	V6/3.7 Liter	Livery	800 CCA	33	PV-94R/H7-AGM			
2020-19	V6/3.7 Liter	Non Livery	760 CCA	33	PV-48/H6-AGM			
2020-19	V6/3.0 Liter		800 CCA	33	PV-94R/H7-AGM			
2020-19	V6/2.7 Liter		800 CCA	33	PV-94R/H7-AGM			
Lincoln Corsair								
2022-20	L4/2.3 Liter		800 CCA	33	PV-94R/H7-AGM			
2024-20	L4/2.0 Liter		800 CCA	33	PV-94R/H7-AGM			
2024-21	L4/2.5 Liter		760 CCA	33	PV-48/H6-AGM			
Lincoln Mark LT								
2008-06	V8/5.4 Liter	LT, Heavy Duty	650 CCA		PV-65			
2008-06	V8/5.4 Liter	Optional	650 CCA		PV-65			
Lincoln Mark VIII								
1998-93	V8/4.6 Liter	United States	650 CCA		PV-65			
Lincoln MKC								
2016-15	L4/2.0 Liter		610 CCA		PV-48/H6		PV-48/H6-AGM	
2019-15	L4/2.3 Liter		610 CCA		PV-48/H6		PV-48/H6-AGM	
2019-17	L4/2.0 Liter	With Start-Stop	760 CCA	33	PV-48/H6-AGM			
2019-17	L4/2.0 Liter	Without Start-Stop	610 CCA		PV-48/H6		PV-48/H6-AGM	
Lincoln MKS								
2016-09	V6/3.7 Liter		650 CCA		PV-65			
2016-10	V6/3.5 Liter		650 CCA		PV-65			
Lincoln MKT								
2012-10	V6/3.5 Liter		650 CCA		PV-65			
2016-13	L4/2.0 Liter		650 CCA		PV-65			
Lincoln MKX								
2015-11	V6/3.7 Liter		650 CCA		PV-65			
2016	V6/3.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2016	V6/2.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-17	V6/3.7 Liter		800 CCA	33	PV-94R/H7-AGM			
2018-17	V6/2.7 Liter	With Start-Stop	800 CCA	33	PV-94R/H7-AGM			
2018-17	V6/2.7 Liter	Without Start-Stop	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
Lincoln MKZ								
2016	L4/2.0 Liter	Hybrid	760 CCA	33 , 50	PV-48/H6-AGM			
2018-17	V6/3.0 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-17	L4/2.0 Liter	Gas	730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-17	L4/2.0 Liter	With Start-Stop	800 CCA	33	PV-94R/H7-AGM			
2020-19	V6/3.0 Liter		800 CCA	33	PV-94R/H7-AGM			
2020-19	L4/2.0 Liter	Gas	800 CCA	33	PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Lincoln Nautilus								
2023-19	V6/2.7 Liter		800 CCA 33		PV-94R/H7-AGM			
2023-19	L4/2.0 Liter		800 CCA 33		PV-94R/H7-AGM			
2024	L4/2.0 Liter		800 CCA 33		PV-94R/H7-AGM			
Lincoln Navigator								
2006-98	V8/5.4 Liter		650 CCA		PV-65			
2013-07	V8/5.4 Liter	Without Heated Seats	650 CCA		PV-65			
2023-22	V6/3.5 Liter		800 CCA 33		PV-94R/H7-AGM			
2024-18	V6/3.5 Liter		850 CCA 33		PV-49/H8-AGM			
Lincoln Town Car								
1996-95	V8/4.6 Liter	Except Heated Windshield or Limo	650 CCA		PV-65			
2005-97	V8/4.6 Liter	Except Limo	650 CCA		PV-65			
2011-06	V8/4.6 Liter	Short Wheel Base	650 CCA		PV-65			
Lotus								
Lotus Elise								
2009-08	L4/1.8 Liter		520 CCA 50				PV-47/H5-AGM	
Lotus Exige								
2009-08	L4/1.8 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
Maserati								
Maserati Ghibli								
2019-14	V6/3.0 Liter		95 Ah 33 , 50 , 54		PV-49/H8-AGM			
Maserati GranTurismo								
2011-08	V8/4.2 Liter		600 CCA 50 , 54		PV-48/H6		PV-48/H6-AGM	
2013-09	V8/4.7 Liter		600 CCA 50 , 54		PV-48/H6		PV-48/H6-AGM	
2019-14	V8/4.7 Liter		95 Ah 33 , 50 , 54		PV-49/H8-AGM			
Maserati Levante								
2019	V8/3.8 Liter		95 Ah 33 , 50 , 54		PV-49/H8-AGM			
2019-17	V6/3.0 Liter		95 Ah 33 , 50 , 54		PV-49/H8-AGM			
Maserati Quattroporte								
2011-08	V8/4.2 Liter		600 CCA 50 , 54		PV-48/H6		PV-48/H6-AGM	
2013-09	V8/4.7 Liter		850 CCA 50 , 54				PV-49/H8-AGM	
2019-14	V8/3.8 Liter		95 Ah 33 , 50 , 54		PV-49/H8-AGM			
2019-14	V6/3.0 Liter		95 Ah 33 , 50 , 54		PV-49/H8-AGM			
Maybach								
Maybach 57								
2012-03	V12/5.5 Liter		850 CCA 33		PV-49/H8-AGM			
Maybach 62								
2012-03	V12/5.5 Liter		850 CCA 33		PV-49/H8-AGM			
2012-07	V12/6.0 Liter		850 CCA 33		PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mazda								
Mazda 2								
2014-11	L4/1.5 Liter		350 CCA		PV-35			
Mazda 3								
2007	L4/2.3 Liter		355 CCA		PV-35			
2007	L4/2.0 Liter		355 CCA		PV-35			
2009-07	L4/2.3 Liter	Mazdaspeed	360 CCA		PV-35			
2010	L4/2.5 Liter		306 CCA		PV-26R			
2010	L4/2.5 Liter	Automatic Transmission	355 CCA		PV-35			
2010	L4/2.5 Liter	Manual Transmission	310 CCA		PV-26R			
2010-08	L4/2.3 Liter	Automatic Transmission	355 CCA		PV-35			
2010-08	L4/2.3 Liter	Manual Transmission	310 CCA		PV-26R			
2010-08	L4/2.0 Liter	Automatic Transmission	355 CCA		PV-35			
2010-08	L4/2.0 Liter	Manual Transmission	310 CCA		PV-26R			
2014-11	L4/2.5 Liter		350 CCA		PV-35			
2014-11	L4/2.0 Liter		350 CCA		PV-35			
2023-19	L4/2.5 Liter	Mexico Production	520 CCA				PV-47/H5-AGM	
2023-19	L4/2.0 Liter	Mexico Production	520 CCA				PV-47/H5-AGM	
Mazda 3 Sport								
2010	L4/2.5 Liter	Automatic Transmission	355 CCA		PV-35			
2010	L4/2.5 Liter	Manual Transmission	310 CCA		PV-26R			
2010-09	L4/2.0 Liter	Automatic Transmission	355 CCA		PV-35			
2010-09	L4/2.0 Liter	Manual Transmission	310 CCA		PV-26R			
2014-11	L4/2.5 Liter		350 CCA		PV-35			
2014-11	L4/2.0 Liter		350 CCA		PV-35			
2021-19	L4/2.5 Liter	Mexico Production	520 CCA				PV-47/H5-AGM	
2023-19	L4/2.0 Liter	Mexico Production	520 CCA				PV-47/H5-AGM	
Mazda 323								
1995-91	L4/1.6 Liter		350 CCA		PV-35			
Mazda 5								
2009	L4/2.3 Liter	Automatic Transmission	355 CCA		PV-35			
2009	L4/2.3 Liter	Manual Transmission	310 CCA		PV-26R			
Mazda 929								
1995-92	V6/3.0 Liter	United States	350 CCA		PV-35			
Mazda B2300								
1997-94	L4/2.3 Liter	Optional	540 CCA		PV-65			
Mazda B4000								
1997-94	V6/4.0 Liter		650 CCA		PV-65			
Mazda CX-30								
2022-20	L4/2.0 Liter		520 CCA				PV-47/H5-AGM	48
2023-20	L4/2.5 Liter		520 CCA				PV-47/H5-AGM	48
Mazda CX-50								
2023	L4/2.5 Liter	Without I-Stop	520 CCA				PV-47/H5-AGM	48
Mazda CX-7								
2009-07	L4/2.3 Liter		360 CCA		PV-35			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mazda Millenia								
2000-95	V6/2.5 Liter		350 CCA		PV-35			
2002-01	V6/2.5 Liter		360 CCA		PV-35			
2002-01	V6/2.5 Liter	Optional	490 CCA		PV-24F			
Mazda MPV								
1995-93	V6/3.0 Liter	4 Wheel Drive	490 CCA		PV-24F			
1995-93	V6/3.0 Liter	Rear Wheel Drive	310 CCA		PV-35			
1998-96	V6/3.0 Liter	Canada & Optional	490 CCA		PV-24F			
1998-96	V6/3.0 Liter	United States	350 CCA		PV-35			
2001-00	V6/2.5 Liter		360 CCA		PV-35			
2001-00	V6/2.5 Liter	Optional	490 CCA		PV-24F			
2006-02	V6/3.0 Liter		360 CCA		PV-35			
2006-02	V6/3.0 Liter	Optional	490 CCA		PV-24F			
Mazda MX-3								
1995	V6/1.8 Liter		350 CCA		PV-35			
1995	L4/1.6 Liter	Optional	350 CCA		PV-35			
1996-95	L4/1.6 Liter		310 CCA		PV-35			
Mazda MX-5 Miata								
2023-06	L4/2.0 Liter		340 CCA		PV-51R			
Mazda Protegé								
1998-92	L4/1.8 Liter		310 CCA		PV-35			
1998-95	L4/1.5 Liter		310 CCA		PV-35			
1998-95	L4/1.5 Liter	Optional	350 CCA		PV-35			
2000-99	L4/1.8 Liter		350 CCA		PV-35			
2000-99	L4/1.6 Liter	Optional	350 CCA		PV-35			
2003-01	L4/2.0 Liter		310 CCA		PV-35			
2003-99	L4/1.6 Liter		310 CCA		PV-35			
Mazda Protegé5								
2003-02	L4/2.0 Liter		310 CCA		PV-35			
Mazda RX-7								
1995-94	R2/1.3 Liter	Canada, With Automatic Transmission	490 CCA		PV-24F			
1995-94	R2/1.3 Liter	Manual Transmission	420 CCA		PV-35			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercedes-Benz								
Mercedes-Benz A220								
2022-19	L4/2.0 Liter		60 Ah	33 , 50 , 56	PV-47/H5-AGM			
2022-19	L4/2.0 Liter	Optional	70 Ah	33 , 50 , 56	PV-48/H6-AGM			
2022-19	L4/2.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz A250								
2021-19	L4/2.0 Liter		60 Ah	33 , 50 , 56	PV-47/H5-AGM			
2021-19	L4/2.0 Liter	Optional	70 Ah	33 , 50 , 56	PV-48/H6-AGM			
2021-19	L4/2.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz A35								
2021-20	L4/2.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz A35 AMG								
2021-20	L4/2.0 Liter		60 Ah	33 , 50 , 56	PV-47/H5-AGM			
Mercedes-Benz AMG 63								
2021-19	V8/4.0 Liter		92 Ah	33 , 50 , 56	PV-49/H8-AGM			
2021-19	V8/4.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
2023	V8/4.0 Liter		92 Ah	33 , 50 , 56	PV-49/H8-AGM			
2023	V8/4.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz AMG 63 S								
2021-19	V8/4.0 Liter		92 Ah	33 , 50 , 56	PV-49/H8-AGM			
2021-19	V8/4.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
2023	V8/4.0 Liter		92 Ah	33 , 50 , 56	PV-49/H8-AGM			
2023	V8/4.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz AMG GT								
2021-17	V8/4.0 Liter		60 Ah	33 , 50 , 56	PV-47/H5-AGM			
2021-17	V8/4.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz AMG GT 43								
2023-21	L6/3.0 Liter		70 Ah	33 , 50 , 56	PV-48/H6-AGM			
Mercedes-Benz AMG GT C								
2021-18	V8/4.0 Liter		60 Ah	33 , 50 , 56	PV-47/H5-AGM			
Mercedes-Benz AMG GT R								
2020-18	V8/4.0 Liter		60 Ah	33 , 50 , 56	PV-47/H5-AGM			
Mercedes-Benz AMG GT S								
2019-16	V8/4.0 Liter		60 Ah	33 , 50 , 56	PV-47/H5-AGM			
2021	V8/4.0 Liter		60 Ah	33 , 50 , 56	PV-47/H5-AGM			
Mercedes-Benz B200								
2011-06	L4/2.0 Liter		680 CCA	50 , 54			PV-48/H6-AGM	
Mercedes-Benz B250								
2019-13	L4/2.0 Liter		70 Ah	33 , 50 , 56	PV-48/H6-AGM			
2019-13	L4/2.0 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
Mercedes-Benz B250e								
2017-16	Electric		60 Ah	33 , 50 , 54	PV-47/H5-AGM			
Mercedes-Benz C220								
1996-94	L4/2.2 Liter		760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz C230								
2000-97	L4/2.3 Liter		760 CCA	50			PV-49/H8-AGM	
2002	L4/2.3 Liter		760 CCA	50			PV-49/H8-AGM	
2003	L4/1.8 Liter	Supercharged	825 CCA	33 , 50	PV-49/H8-AGM			
2005-04	L4/1.8 Liter	Supercharged	760 CCA	50			PV-49/H8-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercedes-Benz C230 (continued)								
2007-06	V6/2.5 Liter		760 CCA	50			PV-49/H8-AGM	
2009-08	V6/2.5 Liter		760 CCA	50 , 54			PV-49/H8-AGM	
Mercedes-Benz C240								
2003	V6/2.6 Liter	With Absorbed Glass-Mat	850 CCA	33 , 50	PV-49/H8-AGM			
2005-01	V6/2.6 Liter	Without Absorbed Glass-Mat	760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz C250								
2012	L4/1.8 Liter	Optional Rear	95 Ah	33 , 50 , 54	PV-49/H8-AGM			
2012-10	V6/2.5 Liter		700 CCA	54	PV-94R/H7		PV-94R/H7-AGM	
2012-10	V6/2.5 Liter	Optional	760 CCA	33 , 54	PV-48/H6-AGM			
2015-12	L4/1.8 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
2015-14	L4/1.8 Liter	Optional Rear	95 Ah	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz C280								
1997-94	L6/2.8 Liter		760 CCA	50			PV-49/H8-AGM	
2000-98	V6/2.8 Liter		760 CCA	50			PV-49/H8-AGM	
2007-06	V6/3.0 Liter		760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz C300								
2012-08	V6/3.0 Liter	Absorbed Glass-Mat, Optional Trunk Mounted	95 Ah	33 , 50 , 54	PV-49/H8-AGM			
2012-08	V6/3.0 Liter	Optional	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2012-08	V6/3.0 Liter	Optional	800 CCA	33 , 50 , 54	PV-94R/H7-AGM			
2012-08	V6/3.0 Liter	Optional	84 Ah	50 , 54	PV-94R/H7	48		
2014-13	V6/3.5 Liter	Absorbed Glass-Mat, Optional Trunk Mounted	95 Ah	33 , 50 , 54	PV-49/H8-AGM			
2014-13	V6/3.5 Liter	Front Battery	84 Ah	50	PV-94R/H7	48		
2014-13	V6/3.5 Liter	Optional	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2014-13	V6/3.5 Liter	Optional	800 CCA	33 , 50 , 54	PV-94R/H7-AGM			
2024-15	L4/2.0 Liter	Optional	760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2024-15	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 56	PV-94R/H7-AGM			
2024-19	L4/2.0 Liter	Optional	92 Ah	33 , 50 , 56	PV-49/H8-AGM			
2024-19	L4/2.0 Liter	Optional	95 Ah	33 , 50 , 56	PV-49/H8-AGM			
Mercedes-Benz C32 AMG								
2002	V6/3.2 Liter		850 CCA	50			PV-49/H8-AGM	
2004-03	V6/3.2 Liter		760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz C320								
2002-01	V6/3.2 Liter		760 CCA	50			PV-49/H8-AGM	
2003	V6/3.2 Liter		850 CCA	33 , 50	PV-49/H8-AGM			
2005-04	V6/3.2 Liter		760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz C350								
2007-06	V6/3.5 Liter		760 CCA	50			PV-49/H8-AGM	
2016	V6/3.5 Liter		700 CCA	50 , 54	PV-94R/H7		PV-94R/H7-AGM	
Mercedes-Benz C350e								
2017-16	L4/2.0 Liter	Hybrid	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2018	L4/2.0 Liter	Hybrid	800 CCA	33 , 50 , 56	PV-94R/H7-AGM			
2018	L4/2.0 Liter	Hybrid, Optional	800 CCA	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz C36 AMG								
1997-95	L6/3.6 Liter		760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz C400								
2015	V6/3.0 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercedes-Benz C43 AMG								
2023	L4/2.0 Liter	12 Volt, Hybrid, Optional Electrical System Battery	60 Ah	33 , 50 , 56	PV-47/H5-AGM			
2023-17	V6/3.0 Liter	12 Volt, Hybrid, Optional Electrical System Battery	60 Ah	33 , 50 , 56	PV-47/H5-AGM			
2024-17	V6/3.0 Liter		70 Ah	33 , 50 , 56	PV-48/H6-AGM			
2024-17	V6/3.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
2024-23	L4/2.0 Liter	Hybrid	70 Ah	33 , 50 , 56	PV-48/H6-AGM			
Mercedes-Benz C450 AMG								
2016	V6/3.0 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
Mercedes-Benz C63 AMG								
2015-08	V8/6.3 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2019-15	V8/4.0 Liter	Optional	95 Ah	33 , 50 , 56	PV-49/H8-AGM			
2021-16	V8/4.0 Liter		60 Ah	33 , 50 , 56	PV-47/H5-AGM			
2021-16	V8/4.0 Liter	Optional	92 Ah	33 , 50 , 56	PV-49/H8-AGM			
Mercedes-Benz C63 AMG S								
2018	V8/4.0 Liter		60 Ah	33 , 50 , 56	PV-47/H5-AGM			
2019-15	V8/4.0 Liter		92 Ah	33 , 50	PV-49/H8-AGM			
2019-15	V8/4.0 Liter	Optional	95 Ah	33 , 50	PV-49/H8-AGM			
2021-19	V8/4.0 Liter	Optional	92 Ah	33 , 50 , 56	PV-49/H8-AGM			
2021-20	V8/4.0 Liter	Optional	95 Ah	33 , 50 , 56	PV-49/H8-AGM			
Mercedes-Benz CL500								
2001-98	V8/5.0 Liter	Without Absorbed Glass-Mat	760 CCA	50			PV-49/H8-AGM	
2006-02	V8/5.0 Liter		95 Ah	33 , 50	PV-49/H8-AGM			
Mercedes-Benz CL55 AMG								
2001	V8/5.5 Liter		760 CCA	50			PV-49/H8-AGM	
2005-02	V8/5.5 Liter		95 Ah	33 , 50	PV-49/H8-AGM			
2006-02	V8/5.5 Liter		95 Ah	33	PV-49/H8-AGM			
Mercedes-Benz CL550								
2008-07	V8/5.5 Liter	Primary Battery	95 Ah	33 , 47 , 50 , 54	PV-49/H8-AGM			
2010-07	V8/5.5 Liter	On-Board Electrical System Battery	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2010-07	V8/5.5 Liter	On-Board Electrical System Battery, Optional	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2010-09	V8/5.5 Liter	4-Matic	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2014-11	V8/4.6 Liter	On-Board Electrical System Battery	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2014-11	V8/4.6 Liter	Primary, 4-Matic	95 Ah	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz CL600								
1999-98	V12/6.0 Liter		760 CCA	50 , 54			PV-49/H8-AGM	
2002-01	V12/5.8 Liter		760 CCA	50			PV-49/H8-AGM	
2006-03	V12/5.5 Liter		95 Ah	33 , 50	PV-49/H8-AGM			
2014-07	V12/5.5 Liter	On-Board Electrical System Battery	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2014-08	V12/5.5 Liter	Primary Battery	95 Ah	33 , 47 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz CL63 AMG								
2010-08	V8/6.3 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2010-08	V8/6.3 Liter	Primary Battery	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2010-08	V8/6.3 Liter	Secondary Battery	60 Ah	33	PV-47/H5-AGM			
2014-11	V8/5.5 Liter	Primary Battery	850 CCA	33 , 50 , 54	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercedes-Benz CL65 AMG								
2006-05	V12/6.0 Liter		95 Ah	33 , 50	PV-49/H8-AGM			
2014-08	V12/6.0 Liter	On-Board Electrical System Battery	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2014-08	V12/6.0 Liter	Primary Battery	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
Mercedes-Benz CLA250								
2019-14	L4/2.0 Liter		760 CCA	33 , 50 , 55	PV-48/H6-AGM			
2019-14	L4/2.0 Liter	Optional	800 CCA	33	PV-94R/H7-AGM			
2023-20	L4/2.0 Liter	12 Volt, Electrical System Battery	60 Ah	33 , 50 , 56	PV-47/H5-AGM			
2023-20	L4/2.0 Liter	12 Volt, Electrical System Battery, Optional	70 Ah	33 , 50 , 56	PV-48/H6-AGM			
2023-20	L4/2.0 Liter	12 Volt, Electrical System Battery, Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz CLA45 AMG								
2019-14	L4/2.0 Liter		760 CCA	33 , 50 , 56	PV-48/H6-AGM			
Mercedes-Benz CLK320								
2005-98	V6/3.2 Liter		760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz CLK350								
2009-06	V6/3.5 Liter		760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz CLK430								
2003-99	V8/4.3 Liter		760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz CLK55 AMG								
2006-01	V8/5.5 Liter		760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz CLK550								
2009-07	V8/5.5 Liter		760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz CLK63 AMG								
2008	V8/6.3 Liter	Black	70 Ah	33 , 50	PV-48/H6-AGM			
2008	V8/6.3 Liter	Optional	760 CCA	33	PV-48/H6-AGM			
2009-08	V8/6.3 Liter		760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz CLS400								
2017-15	V6/3.0 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2017-15	V6/3.0 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2017-15	V6/3.0 Liter	Optional	800 CCA	33 , 50 , 54	PV-94R/H7-AGM			
Mercedes-Benz CLS500								
2006	V8/5.0 Liter		760 CCA	50 , 54			PV-49/H8-AGM	
2006	V8/5.0 Liter		850 CCA	33	PV-49/H8-AGM			
Mercedes-Benz CLS55 AMG								
2006	V8/5.5 Liter		760 CCA	50 , 54			PV-49/H8-AGM	
2006	V8/5.5 Liter		850 CCA	33 , 50	PV-49/H8-AGM			
Mercedes-Benz CLS550								
2011-07	V8/5.5 Liter		95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2017-12	V8/4.6 Liter		800 CCA	33 , 50 , 54	PV-94R/H7-AGM			
2017-12	V8/4.6 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2018	V8/4.6 Liter	Optional	800 CCA	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz CLS63 AMG								
2011-07	V8/6.3 Liter		95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2014-12	V8/5.5 Liter		80 Ah	33 , 47 , 50	PV-94R/H7-AGM			
2014-12	V8/5.5 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercedes-Benz CLS63 AMG S								
2014	V8/5.5 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2017-14	V8/5.5 Liter		800 CCA	33 , 50 , 54	PV-94R/H7-AGM			
2017-15	V8/5.5 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2018	V8/5.5 Liter	4-Matic	800 CCA	33 , 50 , 56	PV-94R/H7-AGM			
2018	V8/5.5 Liter	Optional	800 CCA	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz E250								
2016-14	L4/2.1 Liter	Diesel	760 CCA	33 , 54	PV-48/H6-AGM			
2016-14	L4/2.1 Liter	Diesel, Optional	850 CCA	33 , 54	PV-49/H8-AGM			
Mercedes-Benz E280								
2007	V6/3.0 Liter		760 CCA	50 , 54			PV-49/H8-AGM	
Mercedes-Benz E300								
2009-08	V6/3.0 Liter		760 CCA	50 , 54			PV-49/H8-AGM	
2013-12	V6/3.5 Liter		760 CCA	50 , 54			PV-49/H8-AGM	
2016-15	V6/3.5 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
2016-15	V6/3.5 Liter	Optional	850 CCA	33 , 54	PV-49/H8-AGM			
2018-17	L4/2.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
2019-17	L4/2.0 Liter		760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2019-17	L4/2.0 Liter	Optional	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
Mercedes-Benz E320								
1995	L6/3.2 Liter		660 CCA	50			PV-48/H6-AGM	
1997-96	L6/3.2 Liter		690 CCA				PV-48/H6-AGM	
2005-03	V6/3.2 Liter		95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2006	L6/3.2 Liter	Diesel	850 CCA	33 , 50	PV-49/H8-AGM			
2007	V6/3.0 Liter	Diesel	850 CCA	33 , 50	PV-49/H8-AGM			
2009-08	V6/3.0 Liter	Diesel	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2009-08	V6/3.0 Liter	BlueTEC With Absorbed Glass-Mat	850 CCA	33 , 47 , 50	PV-49/H8-AGM			
Mercedes-Benz E350								
2009-06	V6/3.5 Liter		680 CCA	50 , 54			PV-48/H6-AGM	
2009-06	V6/3.5 Liter		95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2009-06	V6/3.5 Liter	Optional	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2009-06	V6/3.5 Liter	Optional	760 CCA	50 , 54			PV-49/H8-AGM	
2013-11	V6/3.0 Liter	Diesel	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2013-11	V6/3.0 Liter	Diesel, Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2014-10	V6/3.5 Liter	Optional	70 Ah	33 , 50 , 56	PV-48/H6-AGM			
2014-12	V6/3.5 Liter		80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
2015	V6/3.5 Liter		80 Ah	33 , 50 , 54	PV-94R/H7-AGM			
2016-06	V6/3.5 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2016-10	V6/3.5 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2023-20	L4/2.0 Liter	Optional	760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2023-20	L4/2.0 Liter	Optional	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2023-20	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz E400								
2015-13	V6/3.5 Liter	Hybrid	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2018	V6/3.0 Liter	Optional	60 Ah	33 , 50 , 56	PV-47/H5-AGM			
2018-15	V6/3.0 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2018-15	V6/3.0 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz E420								
1997	V8/4.2 Liter		690 CCA				PV-48/H6-AGM	

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Mercedes-Benz E43 AMG								
2017	V6/3.0 Liter	Optional	800 CCA	33 , 50 , 54	PV-94R/H7-AGM			
2018-17	V6/3.0 Liter		760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2018-17	V6/3.0 Liter	Optional	60 Ah	33 , 50 , 56	PV-47/H5-AGM			
2018-17	V6/3.0 Liter	Optional	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
Mercedes-Benz E450								
2020-19	L6/3.0 Liter	Electrical System Battery, Optional	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2020-19	L6/3.0 Liter	Electrical System Battery, Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2020-19	L6/3.0 Liter	Electrical System Battery, Optional	800 CCA	33 , 50 , 54	PV-94R/H7-AGM			
2021	L6/3.0 Liter	Hybrid, Optional	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2023-22	L6/3.0 Liter	Hybrid	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Mercedes-Benz E500								
2006-03	V8/5.0 Liter		95 Ah	33 , 47 , 50	PV-49/H8-AGM			
Mercedes-Benz E55 AMG								
2002-99	V8/5.5 Liter		760 CCA	50			PV-49/H8-AGM	
2003	V8/5.5 Liter		850 CCA	50			PV-49/H8-AGM	
2006-04	V8/5.5 Liter		95 Ah	33 , 47 , 50	PV-49/H8-AGM			
Mercedes-Benz E550								
2009-07	V8/5.5 Liter		95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2009-07	V8/5.5 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2011-10	V8/5.5 Liter		850 CCA	50 , 54			PV-49/H8-AGM	
2011-10	V8/5.5 Liter		80 Ah	33 , 50	PV-94R/H7-AGM			
2016-12	V8/4.6 Liter		80 Ah	33 , 50	PV-94R/H7-AGM			
2017	V8/4.6 Liter		700 CCA	50 , 54	PV-94R/H7		PV-94R/H7-AGM	
Mercedes-Benz E63 AMG								
2009-07	V8/6.3 Liter		95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2011-10	V8/6.3 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2011-10	V8/6.3 Liter		80 Ah	33 , 50 , 54	PV-94R/H7-AGM			
2014-12	V8/5.5 Liter		95 Ah	33 , 50 , 54	PV-49/H8-AGM			
2014-12	V8/5.5 Liter	Optional	80 Ah	33 , 50 , 54	PV-94R/H7-AGM			
2015	V8/5.5 Liter		80 Ah	33 , 50 , 54	PV-94R/H7-AGM			
2015-12	V8/5.5 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Mercedes-Benz E63 AMG S								
2016-15	V8/5.5 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Mercedes-Benz G500								
2006-02	V8/5.0 Liter		760 CCA	50			PV-49/H8-AGM	
2007-02	V8/5.0 Liter	Absorbed Glass-Mat	90 Ah	33 , 47 , 50	PV-49/H8-AGM			
2008	V8/5.0 Liter	Absorbed Glass-Mat	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2008-07	V8/5.0 Liter		850 CCA	50			PV-49/H8-AGM	
Mercedes-Benz G55 AMG								
2003	V8/5.5 Liter	Optional	850 CCA	33 , 50	PV-49/H8-AGM			
2006-03	V8/5.5 Liter		825 CCA	50			PV-49/H8-AGM	
2011-07	V8/5.5 Liter		850 CCA	50 , 54			PV-49/H8-AGM	
Mercedes-Benz G550								
2015-09	V8/5.5 Liter	Auxiliary Battery	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2018-16	V8/4.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2023-19	V8/4.0 Liter		850 CCA	33 , 50 , 56	PV-49/H8-AGM			

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Mercedes-Benz G63 AMG								
2014-13	V8/5.5 Liter		80 Ah	33 , 50	PV-94R/H7-AGM			
2018-13	V8/5.5 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2023-19	V8/4.0 Liter		850 CCA	33 , 50 , 56	PV-49/H8-AGM			
Mercedes-Benz G65 AMG								
2018-16	V12/6.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GL320								
2009-07	V6/3.0 Liter	Diesel	850 CCA	50 , 54			PV-49/H8-AGM	
Mercedes-Benz GL350								
2014-10	V6/3.0 Liter	Diesel, With Absorbed Glass-Mat	850 CCA	33 , 47 , 50	PV-49/H8-AGM			
2016-10	V6/3.0 Liter	Diesel	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GL450								
2014-07	V8/4.6 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2016-15	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GL550								
2012-08	V8/5.5 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2016-13	V8/4.6 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GL63 AMG								
2016-13	V8/5.5 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GLA250								
2020-15	L4/2.0 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
2023-21	L4/2.0 Liter		680 CCA	33 , 50 , 56	PV-47/H5-AGM			
2023-21	L4/2.0 Liter		760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2023-21	L4/2.0 Liter		800 CCA	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz GLA45 AMG								
2019-15	L4/2.0 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
Mercedes-Benz GLC300								
2023-16	L4/2.0 Liter	Optional	760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2023-16	L4/2.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz GLC350e								
2020-18	L4/2.0 Liter		80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz GLC43 AMG								
2020-17	V6/3.0 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
2020-17	V6/3.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz GLC63 AMG								
2020-18	V8/4.0 Liter		80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz GLC63 AMG S								
2020-18	V8/4.0 Liter		80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz GLE300d								
2017-16	L4/2.1 Liter	Diesel	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GLE350								
2018-16	V6/3.5 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2023-20	L4/2.0 Liter	Electrical System Battery	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
2023-20	L4/2.0 Liter	Optional	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2023-20	L4/2.0 Liter	Optional	900 CCA	33 , 50 , 56	PV-49/H8-AGM			
Mercedes-Benz GLE350d								
2016	V6/3.0 Liter	Diesel	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GLE400								
2017-16	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2019-18	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercedes-Benz GLE43 AMG								
2019-17	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GLE450								
2023-20	L6/3.0 Liter	Hybrid, Electrical System Battery	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
2023-20	L6/3.0 Liter	Hybrid, Optional, Electrical System Battery	92 Ah	33 , 50 , 56	PV-49/H8-AGM			
2023-20	L6/3.0 Liter	Hybrid, Optional, Electrical System Battery	95 Ah	33 , 50 , 56	PV-49/H8-AGM			
Mercedes-Benz GLE450 AMG								
2016	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GLE53 AMG								
2024-21	L6/3.0 Liter		850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2024-21	L6/3.0 Liter	Optional	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2024-21	L6/3.0 Liter	Optional	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
Mercedes-Benz GLE550								
2018-16	V8/4.6 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GLE550e								
2018-16	V6/3.0 Liter	Hybrid	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GLE580								
2020	V8/5.0 Liter	Hybrid	80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
2020	V8/5.0 Liter	Hybrid, Optional	92 Ah	33 , 50 , 56	PV-49/H8-AGM			
2020	V8/5.0 Liter	Hybrid, Optional	95 Ah	33 , 50 , 56	PV-49/H8-AGM			
Mercedes-Benz GLE63 AMG								
2019-16	V8/5.5 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GLE63 AMG S								
2019-16	V8/5.5 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GLK250								
2015-13	L4/2.1 Liter	Diesel	800 CCA	33 , 50 , 54	PV-94R/H7-AGM			
Mercedes-Benz GLK350								
2012-10	V6/3.5 Liter		680 CCA	50 , 54			PV-48/H6-AGM	
2012-10	V6/3.5 Liter	Absorbed Glass-Mat	80 Ah	33 , 50	PV-94R/H7-AGM			
2012-10	V6/3.5 Liter	Optional	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2012-10	V6/3.5 Liter	Optional	800 CCA	33 , 50 , 54	PV-49/H8-AGM			
2012-10	V6/3.5 Liter	Optional	700 CCA	50 , 54	PV-94R/H7		PV-94R/H7-AGM	
2012-10	V6/3.5 Liter	Optional	800 CCA	33 , 50 , 54	PV-94R/H7-AGM			
2015	V6/3.5 Liter		80 Ah	33 , 50 , 54	PV-94R/H7-AGM			
2015-13	V6/3.5 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Mercedes-Benz GLS350d								
2017	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GLS450								
2019-17	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2020	L6/3.0 Liter	Optional, Electrical System Battery	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2021-20	L6/3.0 Liter	Optional, Electrical System Battery	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2022-21	L6/3.0 Liter	Optional, Electrical System Battery	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2023	L6/3.0 Liter	Optional, Electrical System Battery	850 CCA	33 , 50 , 56	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercedes-Benz GLS450 (continued)								
2023-22	L6/3.0 Liter	Optional, Electrical System Battery	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2024	L6/3.0 Liter	Optional, Electrical System Battery	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2024-20	L6/3.0 Liter	Electrical System Battery	800 CCA	33 , 50 , 56	PV-94R/H7-AGM			
2024-20	L6/3.0 Liter	Optional, Electrical System Battery	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
Mercedes-Benz GLS550								
2019-17	V8/4.7 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz GLS63 AMG								
2019-17	V8/5.5 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz Maybach S550								
2017	V8/4.6 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2017	V8/4.6 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz Maybach S600								
2017-16	V12/6.0 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
2017-16	V12/6.0 Liter	Optional	850 CCA	33 , 54	PV-49/H8-AGM			
Mercedes-Benz Metris								
2018-16	L4/2.0 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2023-16	L4/2.0 Liter		680 CCA	50 , 54			PV-48/H6-AGM	
2023-16	L4/2.0 Liter	Optional	760 CCA	33 , 45 , 54	PV-48/H6-AGM			
2023-16	L4/2.0 Liter	Optional	760 CCA	50 , 54			PV-49/H8-AGM	
2023-16	L4/2.0 Liter	Optional	850 CCA	33 , 54	PV-49/H8-AGM			
2023-19	L4/2.0 Liter		760 CCA	50 , 54			PV-49/H8-AGM	
2023-19	L4/2.0 Liter	Optional	850 CCA	33 , 54	PV-49/H8-AGM			
Mercedes-Benz ML250								
2015	L4/2.1 Liter	Diesel	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz ML320								
2003-98	V6/3.2 Liter		760 CCA				PV-49/H8-AGM	
2003-98	V6/3.2 Liter	Absorbed Glass-Mat, Optional	825 CCA	33 , 50 , 54	PV-49/H8-AGM			
2009-07	V6/3.0 Liter	Absorbed Glass-Mat, CDI/BlueTEC	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2009-07	V6/3.0 Liter	Diesel	760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz ML350								
2003	V6/3.7 Liter		825 CCA				PV-49/H8-AGM	
2005-04	V6/3.7 Liter		760 CCA	50			PV-49/H8-AGM	
2005-04	V6/3.7 Liter		760 CCA	50 , 54			PV-49/H8-AGM	
2007-06	V6/3.5 Liter	Absorbed Glass-Mat	90 Ah	33 , 47 , 50	PV-49/H8-AGM			
2012-10	V6/3.0 Liter	Diesel, With Absorbed Glass-Mat	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2014-06	V6/3.5 Liter	Absorbed Glass-Mat	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2015-08	V6/3.5 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2015-10	V6/3.0 Liter	Diesel	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz ML400								
2015	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz ML430								
2001-99	V8/4.3 Liter		825 CCA				PV-49/H8-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercedes-Benz ML450								
2011-10	V6/3.5 Liter	Absorbed Glass-Mat	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2011-10	V6/3.5 Liter	Hybrid	760 CCA	50 , 54			PV-49/H8-AGM	
Mercedes-Benz ML500								
2007-06	V8/5.0 Liter	Absorbed Glass-Mat	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
Mercedes-Benz ML550								
2011-08	V8/5.5 Liter		760 CCA	50 , 54			PV-49/H8-AGM	
2011-08	V8/5.5 Liter	Absorbed Glass-Mat	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2014-12	V8/4.6 Liter	Absorbed Glass-Mat	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2015-12	V8/4.6 Liter		760 CCA	50 , 54			PV-49/H8-AGM	
Mercedes-Benz ML63 AMG								
2011-07	V8/6.3 Liter		850 CCA	33	PV-49/H8-AGM			
2011-07	V8/6.3 Liter	Absorbed Glass-Mat	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2014-12	V8/5.5 Liter	Absorbed Glass-Mat	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2015-12	V8/5.5 Liter		850 CCA	33	PV-49/H8-AGM			
Mercedes-Benz R320								
2009	V6/3.0 Liter	Diesel With Absorbed Glass-Mat, BlueTEC	850 CCA	33 , 47 , 50	PV-49/H8-AGM			
2009-07	V6/3.0 Liter	Diesel	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz R350								
2011-08	V6/3.5 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2012-10	V6/3.0 Liter	Diesel With Absorbed Glass-Mat, BlueTEC	92 Ah	33 , 47 , 50	PV-49/H8-AGM			
2013-06	V6/3.5 Liter	Absorbed Glass-Mat	92 Ah	33 , 47 , 50	PV-49/H8-AGM			
2013-10	V6/3.0 Liter	Diesel	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2013-12	V6/3.5 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2013-12	V6/3.5 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz R500								
2007-06	V8/5.0 Liter	Absorbed Glass-Mat	92 Ah	33 , 47 , 50	PV-49/H8-AGM			
Mercedes-Benz R63 AMG								
2007	V8/6.3 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2007	V8/6.3 Liter	Absorbed Glass-Mat	850 CCA	33 , 47 , 50	PV-49/H8-AGM			
Mercedes-Benz S320								
1999-94	L6/3.2 Liter		760 CCA	50			PV-49/H8-AGM	
Mercedes-Benz S350								
1995-94	L6/3.4 Liter		760 CCA				PV-49/H8-AGM	
1995-94	L6/3.4 Liter	Diesel	760 CCA	50 , 54			PV-49/H8-AGM	
2006	V6/3.7 Liter	Absorbed Glass-Mat	850 CCA	33 , 50	PV-49/H8-AGM			
2013-12	V6/3.0 Liter	Diesel With Absorbed Glass-Mat, BlueTEC	850 CCA	33 , 50	PV-49/H8-AGM			
Mercedes-Benz S400								
2012-10	V6/3.5 Liter	Hybrid	80 Ah	33 , 50 , 54	PV-94R/H7-AGM			
2013-10	V6/3.5 Liter	Hybrid	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Mercedes-Benz S420								
1999-94	V8/4.2 Liter		825 CCA				PV-49/H8-AGM	
Mercedes-Benz S430								
2001-00	V8/4.3 Liter		760 CCA				PV-49/H8-AGM	
2005-02	V8/4.3 Liter		825 CCA	33 , 50	PV-49/H8-AGM			
2006-02	V8/4.3 Liter	Absorbed Glass-Mat	850 CCA	33 , 50	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercedes-Benz S450								
2011-08	V8/4.6 Liter	On-Board Electrical System Battery	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz S500								
2001-94	V8/5.0 Liter		760 CCA	33 , 50 , 54	PV-49/H8-AGM			
2001-94	V8/5.0 Liter		760 CCA	50			PV-49/H8-AGM	
2006-02	V8/5.0 Liter	Absorbed Glass-Mat	850 CCA	33 , 50	PV-49/H8-AGM			
2024-21	L6/3.0 Liter	Hybrid, Electrical System Battery	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2024-21	L6/3.0 Liter	Hybrid, Emergency Start Battery	760 CCA	33 , 50 , 56	PV-48/H6-AGM			
Mercedes-Benz S55 AMG								
2002-01	V8/5.5 Liter		825 CCA	33 , 50	PV-49/H8-AGM			
2003	V8/5.5 Liter		760 CCA	50			PV-49/H8-AGM	
2005-04	V8/5.5 Liter		825 CCA	33 , 50	PV-49/H8-AGM			
2006	V8/5.5 Liter		850 CCA	33 , 50	PV-49/H8-AGM			
Mercedes-Benz S550								
2008-07	V8/5.5 Liter	Optional	60 Ah	33 , 50 , 54	PV-47/H5-AGM			
2011-07	V8/5.5 Liter		850 CCA	33 , 50	PV-49/H8-AGM			
2013-12	V8/4.6 Liter	Optional	80 Ah	33 , 50 , 54	PV-94R/H7-AGM			
2014-12	V8/4.6 Liter		850 CCA	33 , 50	PV-49/H8-AGM			
2017-15	V8/4.6 Liter	On-Board Electrical System Battery	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz S550e								
2017-15	V6/3.0 Liter	Hybrid	760 CCA	33 , 54	PV-48/H6-AGM			
2017-15	V6/3.0 Liter	Hybrid, Optional	850 CCA	33 , 54	PV-49/H8-AGM			
Mercedes-Benz S560								
2020-18	V8/4.0 Liter		92 Ah	33 , 50	PV-49/H8-AGM			
Mercedes-Benz S560e								
2020-18	V6/3.0 Liter	Hybrid	760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2020-18	V6/3.0 Liter	Hybrid, Optional	850 CCA	33 , 50	PV-49/H8-AGM			
Mercedes-Benz S580								
2024-21	V8/4.0 Liter	Hybrid, Electrical System Battery	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2024-21	V8/4.0 Liter	Hybrid, Emergency Start Battery	760 CCA	33 , 50 , 56	PV-48/H6-AGM			
Mercedes-Benz S580e								
2024-23	L6/3.0 Liter	Hybrid, Electrical System Battery	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2024-23	L6/3.0 Liter	Hybrid, Emergency Start Battery	760 CCA	33 , 50 , 56	PV-48/H6-AGM			
Mercedes-Benz S600								
1999-94	V12/6.0 Liter		760 CCA				PV-49/H8-AGM	
2002-01	V12/5.8 Liter		760 CCA				PV-49/H8-AGM	
2006-03	V12/5.5 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2007-03	V12/5.5 Liter	Absorbed Glass-Mat	95 Ah	33 , 50	PV-49/H8-AGM			
2013-07	V12/5.5 Liter	On-Board Electrical System Battery	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2013-08	V12/5.5 Liter	Auxiliary Battery	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2017-15	V12/6.0 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
2017-15	V12/6.0 Liter	Optional	850 CCA	33 , 54	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercedes-Benz S63 AMG								
2010-08	V8/6.3 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2010-09	V8/6.3 Liter	Absorbed Glass-Mat	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2013-11	V8/5.5 Liter	Optional	80 Ah	33 , 50 , 54	PV-94R/H7-AGM			
2014	V8/5.5 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2014-11	V8/5.5 Liter	Absorbed Glass-Mat	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2016-11	V8/5.5 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2017	V8/5.5 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2018	V8/4.0 Liter	Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2018-14	V8/5.5 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2020-18	V8/4.0 Liter		92 Ah	33 , 50	PV-49/H8-AGM			
Mercedes-Benz S65 AMG								
2006	V12/6.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2007-06	V12/6.0 Liter	Absorbed Glass-Mat	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2013-07	V12/6.0 Liter	On-Board Electrical System Battery	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2013-08	V12/6.0 Liter	Absorbed Glass-Mat, Secondary Battery	95 Ah	33 , 47 , 50	PV-49/H8-AGM			
2019-15	V12/6.0 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
2019-15	V12/6.0 Liter	Optional	850 CCA	33 , 54	PV-49/H8-AGM			
Mercedes-Benz SL320								
1997-94	L6/3.2 Liter		760 CCA				PV-49/H8-AGM	
Mercedes-Benz SL400								
2016-15	V6/3.0 Liter		850 CCA	33 , 54	PV-49/H8-AGM			
Mercedes-Benz SL450								
2020-17	V6/3.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz SL500								
2002-94	V8/5.0 Liter		760 CCA	50			PV-49/H8-AGM	
2006-03	V8/5.0 Liter	Absorbed Glass-Mat	70 Ah	33 , 47 , 50	PV-48/H6-AGM			
2006-03	V8/5.0 Liter	On-Board Electrical System Battery	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Mercedes-Benz SL55 AMG								
2008-03	V8/5.5 Liter	Absorbed Glass-Mat	70 Ah	33 , 47 , 50	PV-48/H6-AGM			
2008-03	V8/5.5 Liter	On-Board Electrical System Battery	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Mercedes-Benz SL550								
2012-07	V8/5.5 Liter	Absorbed Glass-Mat, In trunk, On-Board Electrical System Battery	70 Ah	33 , 47	PV-48/H6-AGM			
2020-13	V8/4.7 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz SL600								
2002-94	V12/6.0 Liter		760 CCA				PV-49/H8-AGM	
2011-04	V12/5.5 Liter	On-Board Electrical System Battery	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Mercedes-Benz SL63 AMG								
2012-09	V8/6.3 Liter	On-Board Electrical System Battery	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2019-13	V8/5.5 Liter		860 CCA	33 , 50 , 54	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercedes-Benz SL65 AMG								
2011-05	V12/6.0 Liter	Absorbed Glass-Mat	70 Ah	33 , 47	PV-48/H6-AGM			
2011-05	V12/6.0 Liter	On-Board Electrical System Battery	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2015-13	V12/6.0 Liter	On-Board Electrical System Battery	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2017-13	V12/6.0 Liter		850 CCA	33 , 50 , 54	PV-49/H8-AGM			
Mercedes-Benz SLC300								
2017	L4/2.0 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
Mercedes-Benz SLC43 AMG								
2017	V6/3.0 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
Mercedes-Benz SLK230								
1999-98	L4/2.3 Liter		690 CCA				PV-48/H6-AGM	
2001-00	L4/2.3 Liter		760 CCA				PV-49/H8-AGM	
2004-02	L4/2.3 Liter		690 CCA	50			PV-48/H6-AGM	
Mercedes-Benz SLK250								
2012	L4/1.8 Liter		80 Ah	33 , 50 , 56	PV-94R/H7-AGM			
2014-13	L4/1.8 Liter		80 Ah	33 , 50 , 54	PV-94R/H7-AGM			
2015	L4/1.8 Liter	Optional	80 Ah	33 , 50 , 54	PV-94R/H7-AGM			
2015-12	L4/1.8 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Mercedes-Benz SLK280								
2006	V6/3.0 Liter		760 CCA	33 , 50			PV-48/H6-AGM	5
2008-06	V6/3.0 Liter		680 CCA	50 , 54			PV-48/H6-AGM	
Mercedes-Benz SLK300								
2011-09	V6/3.0 Liter		680 CCA	50 , 54			PV-48/H6-AGM	
2016	L4/2.0 Liter		760 CCA	33 , 54	PV-48/H6-AGM			
Mercedes-Benz SLK32 AMG								
2004-02	V6/3.2 Liter		690 CCA				PV-48/H6-AGM	
Mercedes-Benz SLK320								
2004-01	V6/3.2 Liter		690 CCA	50 , 54			PV-48/H6-AGM	
Mercedes-Benz SLK350								
2011-05	V6/3.5 Liter		480 CCA	50 , 54	PV-47/H5		PV-47/H5-AGM	
2011-05	V6/3.5 Liter		680 CCA	50 , 54			PV-48/H6-AGM	
2015	V6/3.5 Liter		680 CCA	50 , 54			PV-48/H6-AGM	
2015-12	V6/3.5 Liter	Optional	80 Ah	33 , 50 , 54	PV-94R/H7-AGM			
2016-12	V6/3.5 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Mercedes-Benz SLK55 AMG								
2005	V8/5.5 Liter		825 CCA				PV-49/H8-AGM	
2006	V8/5.5 Liter		760 CCA	33 , 50			PV-48/H6-AGM	5
2006	V8/5.5 Liter	Optional	760 CCA	33 , 50			PV-48/H6-AGM	5
2015-12	V8/5.5 Liter		680 CCA	50 , 54			PV-48/H6-AGM	
2015-12	V8/5.5 Liter	Optional	80 Ah	33 , 50 , 54	PV-94R/H7-AGM			
2016	V8/5.5 Liter		680 CCA	33 , 50	PV-48/H6-AGM			
Mercedes-Benz SLR McLaren								
2005	V8/5.5 Liter	On-Board Electrical System Battery	825 CCA				PV-49/H8-AGM	
2009-06	V8/5.5 Liter	On-Board Electrical System Battery	760 CCA	33 , 50			PV-48/H6-AGM	5

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercedes-Benz SLS AMG								
2014-11	V8/6.3 Liter		70 Ah	33 , 50 , 54	PV-48/H6-AGM			
2015	V8/6.3 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
Mercedes-Benz Sprinter 1500								
2023-19	L4/2.0 Liter		760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2023-19	L4/2.0 Liter	Optional	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
Mercedes-Benz Sprinter 2500								
2016-14	L4/2.1 Liter		850 CCA	50			PV-49/H8-AGM	
2017-14	L4/2.1 Liter	Diesel	680 CCA	50 , 54			PV-48/H6-AGM	
2017-14	L4/2.1 Liter	Diesel, Optional	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2017-14	L4/2.1 Liter	Diesel, Optional	760 CCA	50 , 54			PV-49/H8-AGM	
2018-10	V6/3.0 Liter	Diesel	680 CCA	50 , 54			PV-48/H6-AGM	
2018-10	V6/3.0 Liter	Diesel, Optional	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2018-10	V6/3.0 Liter	Diesel, Optional	760 CCA	50 , 54			PV-49/H8-AGM	
2018-10	V6/3.0 Liter	Diesel, Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2022	L4/2.1 Liter	Diesel	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2022	L4/2.1 Liter	Diesel	760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2022	L4/2.1 Liter	Diesel, Optional	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2022-19	V6/3.0 Liter	Diesel	760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2023-19	V6/3.0 Liter		760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2023-19	L4/2.0 Liter	Diesel	760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2024-23	L4/2.0 Liter	Diesel	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2024-23	L4/2.0 Liter	Diesel, Optional	850 CCA	33 , 50 , 56	PV-49/H8-AGM			
Mercedes-Benz Sprinter 3500								
2017-14	L4/2.1 Liter	Diesel	680 CCA	50 , 54			PV-48/H6-AGM	
2017-14	L4/2.1 Liter	Diesel, Optional	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2017-14	L4/2.1 Liter	Diesel, Optional	760 CCA	50 , 54			PV-49/H8-AGM	
2017-14	L4/2.1 Liter	Diesel, Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2018-10	V6/3.0 Liter		850 CCA	50			PV-49/H8-AGM	
2018-10	V6/3.0 Liter	Diesel	680 CCA	50 , 54			PV-48/H6-AGM	
2018-10	V6/3.0 Liter	Diesel	760 CCA	50			PV-49/H8-AGM	
2018-10	V6/3.0 Liter	Diesel	850 CCA				PV-49/H8-AGM	
2018-10	V6/3.0 Liter	Diesel, Optional	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2018-10	V6/3.0 Liter	Diesel, Optional	760 CCA	50 , 54			PV-49/H8-AGM	
2018-10	V6/3.0 Liter	Diesel, Optional	850 CCA	33 , 50 , 54	PV-49/H8-AGM			
2022	L4/2.1 Liter		850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2022	L4/2.1 Liter	Diesel	760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2022-19	V6/3.0 Liter		760 CCA	33 , 50 , 56	PV-48/H6-AGM			
2022-19	V6/3.0 Liter		850 CCA	50 , 54			PV-49/H8-AGM	
2022-21	V6/3.0 Liter		850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2023	L4/2.0 Liter		850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2024	L4/2.0 Liter		850 CCA	33 , 50 , 56	PV-49/H8-AGM			
2024-23	L4/2.0 Liter	Diesel	760 CCA	33 , 50 , 54	PV-48/H6-AGM			
2024-23	L4/2.0 Liter	Diesel, Optional	850 CCA	33 , 50 , 56	PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mercury								
Mercury Cougar								
1997-94	V8/4.6 Liter		650 CCA		PV-65			
1997-94	V6/3.8 Liter	Canada & Optional	650 CCA		PV-65			
Mercury Grand Marquis								
2011-98	V8/4.6 Liter		650 CCA		PV-65			
Mercury Marauder								
2004-03	V8/4.6 Liter		650 CCA		PV-65			
Mercury Mountaineer								
2001-97	V8/5.0 Liter		650 CCA		PV-65			
2010-02	V8/4.6 Liter		650 CCA		PV-65			
2010-98	V6/4.0 Liter		650 CCA		PV-65			
Mercury Sable								
1995-90	V6/3.8 Liter		650 CCA		PV-65			
1995-93	V6/3.0 Liter	Optional	650 CCA		PV-65			
Mercury Villager								
1998-94	V6/3.0 Liter	United States	450 CCA		PV-35			
2002-99	V6/3.3 Liter		450 CCA		PV-35			
Mini								
Mini Cooper								
2005-04	L4/1.6 Liter	Naturally Aspirated	480 CCA	50	PV-47/H5		PV-47/H5-AGM	
2008-02	L4/1.6 Liter	Turbo or Supercharged	480 CCA	50 , 54 , 55 , 56	PV-47/H5		PV-47/H5-AGM	
2008-02	L4/1.6 Liter	Without Turbo or Supercharged	480 CCA	50 , 54 , 55 , 56	PV-47/H5		PV-47/H5-AGM	
2014	L3/1.5 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2015-03	L4/1.6 Liter		480 CCA	50 , 54 , 55 , 56	PV-47/H5		PV-47/H5-AGM	
2015-07	L4/1.6 Liter	Optional	570 CCA	50 , 54 , 55 , 56	PV-48/H6		PV-48/H6-AGM	
2022-14	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2022-14	L3/1.5 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2022-16	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2022-16	L3/1.5 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
Mini Cooper Clubman								
2022-16	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2022-16	L4/2.0 Liter	Optional	760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2022-16	L4/2.0 Liter	Optional	800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2022-16	L3/1.5 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2022-16	L3/1.5 Liter	Optional	760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
Mini Cooper Countryman								
2016-11	L4/1.6 Liter	Absorbed Glass-Mat	60 Ah	33 , 50 , 55 , 56	PV-47/H5-AGM			
2016-11	L4/1.6 Liter	Optional Absorbed Glass-Mat	570 CCA	18 , 33 , 50 , 54 , 56	PV-48/H6-AGM			
2016-11	L4/1.6 Liter	Without Absorbed Glass-Mat	570 CCA	50 , 54 , 55 , 56	PV-48/H6		PV-48/H6-AGM	
2016-11	L4/1.6 Liter	Without Absorbed Glass-Mat, Optional	470 CCA	50 , 54 , 55 , 56	PV-47/H5		PV-47/H5-AGM	
2016-11	L4/1.6 Liter	Without Absorbed Glass-Mat, Optional	80 Ah	50 , 55 , 56	PV-94R/H7		PV-94R/H7-AGM	
2020-17	L4/2.0 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2020-17	L4/2.0 Liter	Optional	480 CCA	50 , 54 , 55 , 56	PV-47/H5		PV-47/H5-AGM	
2020-17	L3/1.5 Liter		760 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Mini Cooper Countryman (continued)								
2020-17	L3/1.5 Liter	Optional	480 CCA	50 , 54 , 55 , 56	PV-47/H5		PV-47/H5-AGM	
2022-21	L4/2.0 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
2022-21	L3/1.5 Liter		800 CCA	33 , 50 , 54 , 55 , 56	PV-94R/H7-AGM			
Mini Cooper Paceman								
2016-13	L4/1.6 Liter		480 CCA	50 , 54 , 55 , 56	PV-47/H5		PV-47/H5-AGM	
2016-13	L4/1.6 Liter	Optional	570 CCA	50 , 54 , 55 , 56	PV-48/H6		PV-48/H6-AGM	
2016-13	L4/1.6 Liter	Optional	570 CCA	33 , 50 , 54 , 55 , 56	PV-48/H6-AGM			
2016-13	L4/1.6 Liter	Optional		18 , 50 , 54 , 56	PV-94R/H7		PV-94R/H7-AGM	
Mitsubishi								
Mitsubishi 3000GT								
1995-94	V6/3.0 Liter		430 CCA		PV-24			
1999-96	V6/3.0 Liter		520 CCA				PV-75DT	1C
Mitsubishi Diamante								
1996-92	V6/3.0 Liter		490 CCA		PV-24			
1998-97	V6/3.5 Liter		490 CCA		PV-24			
Mitsubishi Expo								
1995-92	L4/2.4 Liter		490 CCA		PV-24		PV-75DT	1C
Mitsubishi Galant								
1998-94	L4/2.4 Liter		490 CCA		PV-26		PV-75DT	
Mitsubishi Lancer								
2002	L4/2.0 Liter		435 CCA		PV-35			
Mitsubishi Mirage								
2002-98	L4/1.8 Liter		435 CCA		PV-35			
2002-98	L4/1.5 Liter		435 CCA		PV-35			
2015-14	L3/1.2 Liter		360 CCA		PV-35			
2022-14	L3/1.2 Liter		355 CCA		PV-35			
Mitsubishi Mirage G4								
2022-17	L3/1.2 Liter		435 CCA		PV-35			
Mitsubishi Montero								
1996-90	V6/3.0 Liter		490 CCA		PV-24		PV-75DT	1C
2000-94	V6/3.5 Liter		490 CCA		PV-24		PV-75DT	1C
Mitsubishi Montero Sport								
1999-97	L4/2.4 Liter		520 CCA				PV-75DT	1C
1999-97	L4/2.4 Liter	Optional	585 CCA				PV-78DT	1B
2001-99	V6/3.5 Liter		520 CCA				PV-75DT	1C
2003-97	V6/3.0 Liter	Optional	585 CCA				PV-78DT	1B
2003-99	V6/3.5 Liter	Optional	585 CCA				PV-78DT	1B
2004-03	V6/3.5 Liter		585 CCA				PV-78DT	1B
Mitsubishi Outlander								
2022	L4/2.5 Liter		720 CCA	59			PV-48/H6-AGM	9
Mitsubishi Raider								
2006	V8/4.7 Liter	Optional	650 CCA		PV-65			
2006	V6/3.7 Liter	Optional	650 CCA		PV-65			
2007-06	V8/4.7 Liter		600 CCA		PV-65			
2009-06	V6/3.7 Liter		600 CCA		PV-65			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Nissan								
Nissan 240SX								
1998-90	L4/2.4 Liter	Canada & Optional	415 CCA		PV-24		PV-75DT	1C
Nissan 300ZX								
1996-93	V6/3.0 Liter	Except Convertible With Manual Transmission	415 CCA		PV-24F			
Nissan Altima								
1995-93	L4/2.4 Liter	United States	350 CCA		PV-35			
2023-19	L4/2.0 Liter		510 CCA 54 , 59				PV-47/H5-AGM	9
2025-19	L4/2.5 Liter		510 CCA 54 , 59				PV-47/H5-AGM	9
Nissan Cube								
2014-09	L4/1.8 Liter		405 CCA		PV-35			
2014-09	L4/1.8 Liter		410 CCA		PV-35			
Nissan Frontier								
2002-01	L4/2.4 Liter	Canada & Optional	550 CCA				PV-78DT	1C
2002-98	L4/2.4 Liter	United States	490 CCA		PV-24		PV-75DT	1C
2002-99	V6/3.3 Liter	United States	490 CCA		PV-24		PV-75DT	1C
2004	V6/3.3 Liter				PV-24			
2004-03	L4/2.4 Liter		490 CCA		PV-24		PV-75DT	1C
2019	L4/2.5 Liter		510 CCA				PV-47/H5-AGM	
2020-19	V6/4.0 Liter		510 CCA				PV-47/H5-AGM	
2025-23	V6/3.8 Liter		800 CCA 33		PV-94R/H7-AGM	9		
Nissan GT-R								
2009	V6/3.8 Liter		410 CCA		PV-51R			
2023-10	V6/3.8 Liter		430 CCA		PV-51R			
Nissan Kicks								
2025-18	L4/1.6 Liter		510 CCA 54 , 59				PV-47/H5-AGM	9
Nissan Leaf								
2025-11		Electric	410 CCA		PV-51R			
Nissan Maxima								
1999-95	V6/3.0 Liter	United States, Except California	360 CCA		PV-35			
2003	V6/3.5 Liter		445 CCA		PV-24F			
2023-19	V6/3.5 Liter		550 CCA				PV-47/H5-AGM	
Nissan Murano								
2016	L4/2.5 Liter	Hybrid	410 CCA		PV-51R			
2025-19	V6/3.5 Liter		550 CCA				PV-47/H5-AGM	
Nissan Pathfinder								
1995-92	V6/3.0 Liter	Canada	450 CCA				PV-78DT	1B
1995-92	V6/3.0 Liter	United States	360 CCA		PV-24			
2000-96	V6/3.3 Liter		360 CCA		PV-24		PV-75DT	1C
2000-96	V6/3.3 Liter	Canada & Optional	450 CCA				PV-78DT	1B
2002-01	V6/3.5 Liter		360 CCA		PV-24		PV-75DT	1C
2002-01	V6/3.5 Liter	Canada & Optional	450 CCA				PV-78DT	1B
2002-01	V6/3.5 Liter	Optional	450 CCA				PV-78DT	1B
2002-01	V6/3.5 Liter	United States	360 CCA		PV-24		PV-75DT	1C
2004-03	V6/3.5 Liter		455 CCA		PV-24		PV-75DT	1C
2020-19	V6/3.5 Liter		550 CCA				PV-47/H5-AGM	
2025-21	V6/3.5 Liter		720 CCA 33		PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Nissan Pickup								
1995	V6/3.0 Liter	Canada	525 CCA				PV-78DT	1C
1995	V6/3.0 Liter	United States	360 CCA		PV-24			
1997-95	L4/2.4 Liter	Canada	525 CCA				PV-78DT	1C
1997-95	L4/2.4 Liter	United States	360 CCA		PV-24			
Nissan Qashqai								
2023-17	L4/2.0 Liter	Canada	510 CCA 54 , 59				PV-47/H5-AGM	9
Nissan Quest								
1998-93	V6/3.0 Liter	United States	450 CCA		PV-35			
2002-99	V6/3.3 Liter		450 CCA		PV-35			
Nissan Rogue								
2020-19	L4/2.5 Liter	Smyrna Production	550 CCA				PV-47/H5-AGM	
2021	L4/2.5 Liter		720 CCA 59				PV-48/H6-AGM	9
2025-22	L3/1.5 Liter		720 CCA 59				PV-48/H6-AGM	9
Nissan Rogue Sport								
2022-17	L4/2.0 Liter		510 CCA 54 , 59				PV-47/H5-AGM	9
Nissan Sentra								
2005-00	L4/1.8 Liter		355 CCA		PV-35			
2005-03	L4/2.5 Liter		355 CCA		PV-35			
2022-20	L4/2.0 Liter		510 CCA 54 , 59				PV-47/H5-AGM	9
2025-24	L4/2.0 Liter		720 CCA				PV-48/H6-AGM	9
Nissan Titan								
2024-17	V8/5.6 Liter		720 CCA 59				PV-48/H6-AGM	9
Nissan Versa								
2012-07	L4/1.8 Liter	With Continuously Variable Transmission	410 CCA		PV-51R			
2019-13	L4/1.6 Liter	With Continuously Variable Transmission	410 CCA		PV-51R			
2025-20	L4/1.6 Liter	With Continuously Variable Transmission	600 CCA 33		PV-47/H5-AGM			
Nissan Xterra								
2003-00	L4/2.4 Liter	United States	490 CCA		PV-24			
2004	L4/2.4 Liter		490 CCA		PV-24			
2004-00	V6/3.3 Liter		490 CCA		PV-24			
Nissan Z								
2023	V6/3.0 Liter		550 CCA				PV-47/H5-AGM	
Oldsmobile								
Oldsmobile Bravada								
2004-02	L6/4.2 Liter		600 CCA		PV-78			
Oldsmobile Cutlass, Cutlass Ciera, Cutlass Cruiser, Cutlass Supreme								
1995	V6/3.1 Liter	Early	525 CCA				PV-75DT	
1995	V6/3.1 Liter	Late Including Supreme	600 CCA		PV-78			
1996-94	L4/2.2 Liter		525 CCA				PV-75DT	
1997-96	V6/3.1 Liter		600 CCA		PV-78			
Oldsmobile Silhouette								
1996	V6/3.4 Liter		525 CCA				PV-75DT	
2004-97	V6/3.4 Liter		600 CCA		PV-78			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Plymouth								
Plymouth Grand Voyager, Voyager								
1995-92	L4/2.5 Liter		600 CCA				PV-78DT	
1999-94	V6/3.8 Liter		600 CCA				PV-78DT	
2000-96	L4/2.4 Liter		600 CCA				PV-78DT	
Plymouth Neon								
2001-00	L4/2.0 Liter		450 CCA		PV-26R			
Polestar								
Polestar Polestar 1								
2021-20	L4/2.0 Liter	Hybrid, Supercharged	760 CCA	33 , 50	PV-48/H6-AGM			
Polestar Polestar 2								
2023-21		Electric	760 CCA	33	PV-48/H6-AGM			
Pontiac								
Pontiac Aztek								
2005-01	V6/3.4 Liter		600 CCA		PV-78			
Pontiac Firebird								
1995-93	V6/3.4 Liter		525 CCA				PV-75DT	
2002-93	V8/5.7 Liter		525 CCA				PV-75DT	
Pontiac Firefly								
2000-94	L4/1.3 Liter		390 CCA		PV-26R			
2000-95	L3/1.0 Liter		390 CCA		PV-26R			
Pontiac G6								
2007	V6/3.6 Liter		525 CCA				PV-75DT	
2007-05	V6/3.5 Liter		525 CCA				PV-75DT	
2007-06	V6/3.9 Liter		525 CCA				PV-75DT	
2007-06	L4/2.4 Liter		525 CCA				PV-75DT	
Pontiac G8								
2008	V8/6.0 Liter		700 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2008	V6/3.6 Liter		700 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2009	V8/6.2 Liter		720 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2009	V8/6.0 Liter		720 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2009	V6/3.6 Liter		720 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
Pontiac Grand Prix								
1995	V6/3.1 Liter	Early	525 CCA				PV-75DT	
1995	V6/3.1 Liter	Late	600 CCA		PV-78			
2003-96	V6/3.1 Liter		600 CCA		PV-78		PV-78DT	
Pontiac Montana								
2005-99	V6/3.4 Liter		600 CCA		PV-78			
Pontiac Sunrunner								
1997-95	L4/1.6 Liter		390 CCA		PV-26R			
Pontiac Torrent								
2009-07	V6/3.4 Liter		650 CCA				PV-47/H5-AGM	
2009-08	V6/3.6 Liter		650 CCA				PV-47/H5-AGM	
Pontiac Trans Sport								
1995-90	V6/3.1 Liter		525 CCA				PV-75DT	
1996	V6/3.4 Liter		525 CCA				PV-75DT	
1999-97	V6/3.4 Liter		600 CCA		PV-78			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Porsche								
Porsche 718 Boxster								
2022-17	H4/2.5 Liter	PR Code 195	70 Ah				PV-48/H6-AGM	
2022-17	H4/2.0 Liter	PR Code 195	70 Ah				PV-48/H6-AGM	
2022-21	H6/4.0 Liter	PR Code 195	70 Ah				PV-48/H6-AGM	
Porsche 718 Cayman								
2022-17	H4/2.5 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58			PV-48/H6-AGM	
2022-17	H4/2.0 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58			PV-48/H6-AGM	
2022-20	H6/4.0 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58			PV-48/H6-AGM	
Porsche 911								
1998-90	H6/3.6 Liter		650 CCA	50			PV-48/H6-AGM	
2001-99	H6/3.4 Liter		650 CCA	50			PV-48/H6-AGM	
2004-01	H6/3.6 Liter	GT2	650 CCA	50			PV-48/H6-AGM	
2004-02	H6/3.6 Liter	Except GT2	740 CCA	9 , 50			PV-94R/H7-AGM	
2009-05	H6/3.8 Liter		740 CCA	50			PV-94R/H7-AGM	
2009-05	H6/3.6 Liter		740 CCA	50			PV-94R/H7-AGM	
2011	H6/4.0 Liter		740 CCA	50			PV-49/H8-AGM	
2012-10	H6/3.8 Liter	Option 1	740 CCA	50			PV-49/H8-AGM	
2012-10	H6/3.6 Liter		740 CCA	50			PV-49/H8-AGM	
2016	H6/4.0 Liter		740 CCA	50			PV-49/H8-AGM	
2016-10	H6/3.8 Liter		740 CCA	50			PV-49/H8-AGM	
2016-12	H6/3.4 Liter		740 CCA	50			PV-49/H8-AGM	
2019-17	H6/4.0 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58			PV-48/H6-AGM	
2019-17	H6/4.0 Liter	PR Code 196	80 Ah	33 , 50 , 55 , 56 , 58			PV-94R/H7-AGM	
2019-17	H6/4.0 Liter	PR Code 200	740 CCA	33 , 50 , 55 , 56 , 58			PV-49/H8-AGM	
2019-17	H6/3.8 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58			PV-48/H6-AGM	
2019-17	H6/3.8 Liter	PR Code 196	80 Ah	33 , 50 , 55 , 56 , 58			PV-94R/H7-AGM	
2019-17	H6/3.8 Liter	PR Code 200	740 CCA	33 , 50 , 55 , 56 , 58			PV-49/H8-AGM	
2019-17	H6/3.0 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58			PV-48/H6-AGM	
2019-17	H6/3.0 Liter	PR Code 196	80 Ah	33 , 50 , 55 , 56 , 58			PV-94R/H7-AGM	
2019-17	H6/3.0 Liter	PR Code 200	740 CCA	33 , 50 , 55 , 56 , 58			PV-49/H8-AGM	
Porsche 928								
1995-93	V8/5.4 Liter		650 CCA				PV-48/H6-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Porsche Boxster								
1999-97	H6/2.5 Liter		650 CCA	50			PV-48/H6-AGM	
2005-00	H6/3.2 Liter		650 CCA	50			PV-48/H6-AGM	
2005-00	H6/2.7 Liter		650 CCA	50			PV-48/H6-AGM	
2005-02	H6/3.2 Liter	Optional	650 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2005-02	H6/2.7 Liter	Optional	650 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2006	H6/3.2 Liter		650 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2008-06	H6/2.7 Liter		650 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2011-07	H6/3.4 Liter		650 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2011-09	H6/2.9 Liter		650 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2016	H6/3.8 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2016	H6/3.8 Liter	PR Code 196	80 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016	H6/3.8 Liter	PR Code 200	740 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-12	H6/3.4 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2016-12	H6/3.4 Liter	PR Code 196	80 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-12	H6/3.4 Liter	PR Code 200	740 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-13	H6/2.7 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2016-13	H6/2.7 Liter	PR Code 196	80 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-13	H6/2.7 Liter	PR Code 200	740 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
Porsche Carrera GT								
2005-04	V10/5.7 Liter		650 CCA	54			PV-48/H6-AGM	
Porsche Cayenne								
2018	V8/4.8 Liter	Early, PR Code J0B	92 Ah	33	PV-49/H8-AGM			
2018	V8/4.8 Liter	Early, PR Code J1N	75 Ah	33	PV-94R/H7-AGM			
2018	V6/3.6 Liter	Early, PR Code J0B	92 Ah	33	PV-49/H8-AGM			
2018	V6/3.6 Liter	Early, PR Code J1N	75 Ah	33	PV-94R/H7-AGM			
2018	V6/3.0 Liter	Early Hybrid, PR Code J0B	92 Ah	33	PV-49/H8-AGM			
2018	V6/3.0 Liter	Early Hybrid, PR Code J1N	75 Ah	33	PV-94R/H7-AGM			
2006-03	V8/4.5 Liter	PR Code J0L	570 CCA	50 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2006-03	V8/4.5 Liter	PR Code J1U	740 CCA	50			PV-49/H8-AGM	
2006-04	V6/3.2 Liter	PR Code J0L	570 CCA	50 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2006-04	V6/3.2 Liter	PR Code J1U	740 CCA	50 , 56 , 58			PV-49/H8-AGM	
2008	V8/4.8 Liter	PR Code J1U	740 CCA	50 , 56 , 58			PV-49/H8-AGM	
2010-08	V8/4.8 Liter	PR Code J0L	570 CCA	50 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2010-08	V6/3.6 Liter	PR Code J0L	570 CCA	50 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2010-08	V6/3.6 Liter	PR Code J1U	740 CCA	50 , 56 , 58			PV-49/H8-AGM	
2016-13	V6/3.0 Liter	PR Code J0B	850 CCA	50			PV-49/H8-AGM	
2016-13	V6/3.0 Liter	PR Code J1N	650 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2017-11	V8/4.8 Liter	PR Code J0B	740 CCA	50			PV-49/H8-AGM	
2017-11	V8/4.8 Liter	PR Code J1N	650 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2017-11	V6/3.6 Liter	PR Code J0B	740 CCA	50			PV-49/H8-AGM	
2017-11	V6/3.6 Liter	PR Code J1N	650 CCA	50	PV-94R/H7		PV-94R/H7-AGM	
2017-11	V6/3.0 Liter	PR Code J0B	850 CCA	50			PV-49/H8-AGM	
2017-11	V6/3.0 Liter	PR Code J1N	650 CCA	50	PV-94R/H7		PV-94R/H7-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Porsche Cayman								
2012-06	H6/3.4 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2012-06	H6/3.4 Liter	PR Code 196	80 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2012-09	H6/2.9 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2012-09	H6/2.9 Liter	PR Code 196	80 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016	H6/3.8 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2016	H6/3.8 Liter	PR Code 196	80 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016	H6/3.8 Liter	PR Code 200	740 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-14	H6/3.4 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2016-14	H6/3.4 Liter	PR Code 196	80 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-14	H6/3.4 Liter	PR Code 200	740 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-14	H6/2.7 Liter	PR Code 195	70 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2016-14	H6/2.7 Liter	PR Code 196	80 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-14	H6/2.7 Liter	PR Code 200	740 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
Porsche Macan								
2018-15	V6/3.6 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2018-16	V6/3.6 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-16	V6/3.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2018-17	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2021-15	V6/3.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2022-17	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2022-20	V6/2.9 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
Porsche Panamera								
2014-10	V8/4.8 Liter		740 CCA	50			PV-49/H8-AGM	
2014-11	V6/3.6 Liter		740 CCA	50			PV-49/H8-AGM	
2016-10	V8/4.8 Liter	PR Code 197	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-10	V8/4.8 Liter	PR Code 200	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-11	V6/3.6 Liter	PR Code 197	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-11	V6/3.6 Liter	PR Code 200	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2016-12	V6/3.0 Liter	PR Code 197	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-12	V6/3.0 Liter	PR Code 200	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2020-17	V6/3.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2020-17	V6/3.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2022-17	V8/4.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2022-17	V8/4.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2022-17	V6/2.9 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2022-17	V6/2.9 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Ram								
Ram 1500								
2012-11	V6/3.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2013-11	V8/4.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2018-14	V6/3.0 Liter	Diesel	800 CCA 33		PV-49/H8-AGM			
2023-11	V8/5.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2023-13	V6/3.6 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2023-20	V6/3.0 Liter	Diesel	800 CCA 33		PV-49/H8-AGM			
2023-21	V8/6.2 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
Ram 1500 Classic								
2019	V6/3.0 Liter	Diesel	800 CCA 33		PV-49/H8-AGM			
2023-19	V8/6.4 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2023-19	V8/5.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2023-19	V6/3.6 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
Ram 2500								
2018-11	V8/5.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2023-11	L6/6.7 Liter	Diesel	730 CCA 2		PV-94R/H7		PV-94R/H7-AGM	
2023-19	V8/6.4 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
Ram 3500								
2018-11	V8/5.7 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
2023-11	L6/6.7 Liter	Diesel	730 CCA 2		PV-94R/H7		PV-94R/H7-AGM	
2023-14	V8/6.4 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
Ram C/V								
2015-12	V6/3.6 Liter		730 CCA		PV-94R/H7		PV-94R/H7-AGM	
Ram Dakota								
2011	V8/4.7 Liter		600 CCA		PV-65			
2011	V6/3.7 Liter		600 CCA		PV-65			
Ram ProMaster 1500								
2017-14	L4/3.0 Liter	Diesel	800 CCA 50				PV-49/H8-AGM	
2023-14	V6/3.6 Liter		800 CCA 50				PV-49/H8-AGM	
Ram ProMaster 2500								
2018-14	L4/3.0 Liter	Diesel	800 CCA 50				PV-49/H8-AGM	
2023-14	V6/3.6 Liter		800 CCA 50				PV-49/H8-AGM	
Ram ProMaster 3500								
2018-14	L4/3.0 Liter	Diesel	800 CCA 50				PV-49/H8-AGM	
2023-14	V6/3.6 Liter		800 CCA 50				PV-49/H8-AGM	
Ram ProMaster City								
2020-17	L4/2.4 Liter		750 CCA				PV-48/H6-AGM	
Rolls-Royce								
Rolls-Royce Ghost								
2015-10	V12/6.6 Liter		900 CCA 33 , 50 , 54		PV-49/H8-AGM			
Rolls-Royce Phantom								
2014-04	V12/6.7 Liter	Optional	900 CCA 33 , 50 , 54		PV-49/H8-AGM			
2015-04	V12/6.7 Liter		760 CCA 33 , 50 , 54		PV-48/H6-AGM			
Rolls-Royce Wraith								
2015-14	V12/6.6 Liter		900 CCA 33 , 50 , 54		PV-49/H8-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Saab								
Saab 900								
1997-94	V6/2.5 Liter		520 CCA				PV-47/H5-AGM	
1998-94	L4/2.3 Liter		520 CCA				PV-47/H5-AGM	
1998-94	L4/2.0 Liter		520 CCA				PV-47/H5-AGM	
Saab 9-2X, 9-3, 9-3X, 9-4X, 9-5								
2001-99	L4/2.0 Liter		580 CCA				PV-47/H5-AGM	
2002	L4/2.0 Liter		580 CCA 40				PV-47/H5-AGM	
2002-99	L4/2.3 Liter	Sedan	580 CCA 40				PV-47/H5-AGM	
2002-99	L4/2.0 Liter	Convertible	520 CCA				PV-47/H5-AGM	
2003	L4/2.0 Liter	Convertible	580 CCA 40				PV-47/H5-AGM	
Saab 9-2X, 9-3, 9-3X, 9-4X, 9-5, 9-7X								
1999	L4/2.3 Liter		700 CCA				PV-48/H6-AGM	
2001-00	L4/2.3 Liter		650 CCA				PV-48/H6-AGM	
2001-99	V6/3.0 Liter		650 CCA				PV-48/H6-AGM	
2003	L4/2.0 Liter	Sport Sedan	700 CCA 50				PV-48/H6-AGM	
2003-02	V6/3.0 Liter		700 CCA				PV-48/H6-AGM	
2003-02	L4/2.3 Liter		700 CCA 50				PV-48/H6-AGM	
2007-04	L4/2.3 Liter		700 CCA				PV-48/H6-AGM	
2007-04	L4/2.0 Liter		700 CCA 50				PV-48/H6-AGM	
2009-05	V8/5.3 Liter	9-7X	600 CCA		PV-78			
2009-05	L6/4.2 Liter	9-7X	600 CCA		PV-78			
2009-06	V6/2.8 Liter		70 Ah 50				PV-48/H6-AGM	
2009-08	V8/6.0 Liter	9-7X	600 CCA		PV-78			
2009-08	L4/2.3 Liter	9-5	70 Ah				PV-48/H6-AGM	
2011	V6/3.0 Liter	9-4X	700 CCA				PV-48/H6-AGM	
2011	V6/2.8 Liter	9-4X	700 CCA				PV-48/H6-AGM	
2011-08	L4/2.0 Liter		70 Ah				PV-48/H6-AGM	
2011-10	V6/2.8 Liter	9-5	700 CCA				PV-48/H6-AGM	
2011-10	L4/2.0 Liter	9-3	70 Ah				PV-48/H6-AGM	
Saturn								
Saturn L100								
2002	L4/2.2 Liter		600 CCA		PV-78			
Saturn L200								
2003-02	L4/2.2 Liter		600 CCA		PV-78			
Saturn L300								
2004	L4/2.2 Liter		600 CCA		PV-78			
2005-02	V6/3.0 Liter		600 CCA		PV-78			
Saturn LW200								
2003-02	L4/2.2 Liter		600 CCA		PV-78			
Saturn LW300								
2003-02	V6/3.0 Liter		600 CCA		PV-78			
Saturn Outlook								
2009-07	V6/3.6 Liter		730 CCA 50				PV-48/H6-AGM	
2010	V6/3.6 Liter		660 CCA 50				PV-48/H6-AGM	
Saturn Vue								
2010-08	V6/3.6 Liter		730 CCA				PV-48/H6-AGM	
2010-08	V6/3.5 Liter		730 CCA				PV-48/H6-AGM	
2010-08	L4/2.4 Liter		650 CCA				PV-47/H5-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Scion								
Scion FR-S								
2016-13	H4/2.0 Liter		430 CCA		PV-35			
Scion iA								
2016	L4/1.5 Liter				PV-35			
Scion iQ								
2015-12	L4/1.3 Liter	Optional, Cold Climate	320 CCA		PV-35			
Smart								
Smart Fortwo								
2007-05	L3/0.8 Liter	Diesel	540 CCA 50 , 54				PV-47/H5-AGM	
2015-08	L3/1.0 Liter	Without Absorbed Glass-Mat	480 CCA 50 , 54		PV-47/H5		PV-47/H5-AGM	
2016	L3/0.9 Liter		480 CCA 50 , 54		PV-47/H5		PV-47/H5-AGM	
2016-11		Electric	480 CCA 50 , 54		PV-47/H5		PV-47/H5-AGM	
Subaru								
Subaru Ascent								
2024-23	H4/2.4 Liter		620 CCA 59				PV-47/H5-AGM	9
Subaru Baja								
2006-03	H4/2.5 Liter	Manual Transmission	430 CCA		PV-35			
Subaru BRZ								
2023	H4/2.4 Liter		620 CCA 59				PV-47/H5-AGM	9
Subaru Crosstrek								
2019-16	H4/2.0 Liter		390 CCA		PV-35			
2020-19	H4/2.0 Liter	Hybrid	390 CCA		PV-35			
2023-19	H4/2.5 Liter	Hybrid	390 CCA		PV-35			
Subaru Forester								
2004-98	H4/2.5 Liter	Manual Transmission	360 CCA		PV-35			
2005	H4/2.5 Liter	Manual Transmission	430 CCA		PV-35			
2006	H4/2.5 Liter	Manual Transmission	360 CCA		PV-35			
2018-16	H4/2.5 Liter		390 CCA		PV-35			
2018-16	H4/2.0 Liter		390 CCA		PV-35			
Subaru Impreza								
1997-93	H4/1.8 Liter	Manual Transmission	360 CCA		PV-35			
2001-95	H4/2.2 Liter	Manual Transmission	360 CCA		PV-35			
2004-02	H4/2.0 Liter	Automatic Transmission	420 CCA		PV-35			
2004-02	H4/2.0 Liter	Manual Transmission	360 CCA		PV-35			
2004-98	H4/2.5 Liter	Manual Transmission	360 CCA		PV-35			
2005	H4/2.5 Liter	Manual Transmission	430 CCA		PV-35			
2005	H4/2.0 Liter	Manual Transmission	430 CCA		PV-35			
2006	H4/2.5 Liter	Manual Transmission	420 CCA		PV-35			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Subaru Legacy, Outback								
1997-95	H4/2.2 Liter	Manual Transmission	355 CCA		PV-35			
1997-96	H4/2.5 Liter	Manual Transmission	355 CCA		PV-35			
1998	H4/2.2 Liter	Manual Transmission	430 CCA		PV-35			
1998-96	H4/2.5 Liter	Optional	430 CCA		PV-35			
1999	H4/2.2 Liter	Automatic Transmission, Heavy Duty	430 CCA		PV-35			
2006-99	H4/2.5 Liter	Manual Transmission	430 CCA		PV-35			
2008	H4/2.5 Liter	Legacy	430 CCA		PV-35			
2024-20	H4/2.5 Liter		620 CCA 59				PV-47/H5-AGM	9
2024-20	H4/2.4 Liter		620 CCA 59				PV-47/H5-AGM	9
Subaru WRX								
2014-13	H4/2.5 Liter		390 CCA		PV-35			
2019-15	H4/2.0 Liter		390 CCA		PV-35			
Subaru WRX STI								
2014-13	H4/2.5 Liter		390 CCA		PV-35			
2015	H4/2.5 Liter		390 CCA 45		PV-35			
2015-13	H4/2.5 Liter		390 CCA		PV-35			
2016	H4/2.5 Liter		390 CCA		PV-35			
2019-17	H4/2.5 Liter		390 CCA		PV-35			
Subaru XV Crosstrek								
2015-13	H4/2.0 Liter	Gas	390 CCA		PV-35			
Suzuki								
Suzuki Esteem								
2000-95	L4/1.6 Liter		440 CCA		PV-26R			
2002-99	L4/1.8 Liter		440 CCA		PV-26R			
Suzuki Sidekick								
1998-96	L4/1.6 Liter		390 CCA		PV-26R			
Suzuki Swift								
2001-95	L4/1.3 Liter		440 CCA		PV-26R			
Suzuki X-90								
1998-96	L4/1.6 Liter		440 CCA		PV-26R			
Suzuki XL7								
2009-07	V6/3.6 Liter		650 CCA				PV-47/H5-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Toyota								
Toyota 4Runner								
1995-91	V6/3.0 Liter	Optional	585 CCA				PV-78DT	1B
1995-91	L4/2.4 Liter	Optional	585 CCA				PV-78DT	1B
2000-96	V6/3.4 Liter		360 CCA		PV-35			
Toyota 86								
2020-18	H4/2.0 Liter		390 CCA		PV-35			
Toyota Avalon								
2001-95	V6/3.0 Liter	United States	360 CCA		PV-35			
2002	V6/3.0 Liter	United States	390 CCA		PV-35			
2004-03	V6/3.0 Liter	Optional	390 CCA		PV-35			
2011-05	V6/3.5 Liter	Alternate	310 CCA		PV-35			
2015-05	V6/3.5 Liter	Optional	390 CCA		PV-35			
2022-21	L4/2.5 Liter	Gas	565 CCA				PV-47/H5-AGM	
2023-19	V6/3.5 Liter		605 CCA		PV-48/H6		PV-48/H6-AGM	
2023-19	L4/2.5 Liter	Hybrid	355 CCA 50		PV-47/H5		PV-47/H5-AGM	
Toyota Camry, Solara								
2000-92	V6/3.0 Liter		360 CCA		PV-35			
2000-92	L4/2.2 Liter		360 CCA		PV-35			
2001	V6/3.0 Liter	United States	360 CCA		PV-35			
2001	L4/2.2 Liter	United States	360 CCA		PV-35			
2003-02	V6/3.0 Liter	United States	390 CCA		PV-35			
2003-02	L4/2.4 Liter		360 CCA		PV-35			
2003-02	L4/2.4 Liter	United States	360 CCA		PV-35			
2006-04	V6/3.3 Liter	Without Cold Climate	390 CCA		PV-35			
2006-04	V6/3.0 Liter	Without Cold Climate	390 CCA		PV-35			
2007-02	L4/2.4 Liter		390 CCA		PV-35			
2008	L4/2.4 Liter	Optional	390 CCA		PV-35			
2009	L4/2.4 Liter	Optional, Without Cold Climate	390 CCA		PV-35			
2019-18	L4/2.5 Liter	Gas	605 CCA		PV-48/H6		PV-48/H6-AGM	
2019-18	L4/2.5 Liter	Hybrid With Moonroof	355 CCA 50		PV-47/H5		PV-47/H5-AGM	
2024-18	V6/3.5 Liter		605 CCA		PV-48/H6		PV-48/H6-AGM	
2024-18	L4/2.5 Liter	Hybrid	345 CCA 50		PV-47/H5		PV-47/H5-AGM	
2024-20	L4/2.5 Liter	Gas	585 CCA 50				PV-47/H5-AGM	
2024-20	L4/2.5 Liter	Hybrid With Moonroof	585 CCA 50				PV-47/H5-AGM	
Toyota Celica								
1997-94	L4/1.8 Liter		360 CCA		PV-35			
1999-92	L4/2.2 Liter		360 CCA		PV-35			
1999-95	L4/2.2 Liter	Optional	420 CCA		PV-35			
2001-94	L4/1.8 Liter	Optional	420 CCA		PV-35			
2004-02	L4/1.8 Liter	Optional	360 CCA		PV-35			
2005-00	L4/1.8 Liter		310 CCA		PV-35			
Toyota C-HR								
2022-18	L4/2.0 Liter		345 CCA		PV-47/H5		PV-47/H5-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Toyota Corolla								
1996	L4/1.6 Liter		360 CCA		PV-35			
1997-95	L4/1.6 Liter	Optional	310 CCA		PV-35			
2003-95	L4/1.8 Liter		360 CCA		PV-35			
2005-04	L4/1.8 Liter		310 CCA		PV-35			
2008-06	L4/1.8 Liter		420 CCA		PV-35			
2019-09	L4/1.8 Liter		355 CCA		PV-35			
2024-19	L4/2.0 Liter		345 CCA		PV-47/H5		PV-47/H5-AGM	
Toyota Corolla iM								
2018-17	L4/1.8 Liter		355 CCA		PV-35			
Toyota Crown								
2024-23	L4/2.5 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2024-23	L4/2.4 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
Toyota Echo								
2002	L4/1.5 Liter	Canada & Optional	360 CCA				PV-75DT	1C
Toyota GR Supra								
2022-21	L4/2.0 Liter		850 CCA 33		PV-49/H8-AGM			
Toyota Highlander								
2022-20	V6/3.5 Liter		605 CCA		PV-48/H6		PV-48/H6-AGM	
2024-20	L4/2.5 Liter	Hybrid	345 CCA 50		PV-47/H5		PV-47/H5-AGM	
2024-23	L4/2.4 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
Toyota Land Cruiser								
1997-93	L6/4.5 Liter		450 CCA		PV-24F			
Toyota Mirai								
2023-21		Electric/Hydrogen	345 CCA 50		PV-47/H5		PV-47/H5-AGM	
Toyota MR2								
1995-93	L4/2.2 Liter		490 CCA		PV-24F			
1995-93	L4/2.0 Liter		360 CCA		PV-35			
1995-93	L4/2.0 Liter	Optional	490 CCA		PV-24F			
Toyota MR2 Spyder								
2005-00	L4/1.8 Liter		430 CCA		PV-51R			
Toyota Pickup, T100								
1995-91	V6/3.0 Liter	Canada & Optional	585 CCA				PV-78DT	1B
1995-91	L4/2.4 Liter	Canada & Optional	585 CCA				PV-78DT	1B
Toyota Previa								
1997-91	L4/2.4 Liter		360 CCA		PV-35			
Toyota RAV4								
2000-96	L4/2.0 Liter		360 CCA		PV-35			
2003-01	L4/2.0 Liter		420 CCA		PV-35			
2014	L4/2.5 Liter		356 CCA		PV-35			
2014-12		Electric	355 CCA 45		PV-35			
2015	L4/2.5 Liter		355 CCA		PV-35			
2018-16	L4/2.5 Liter	Gas	355 CCA		PV-35			
2024-19	L4/2.5 Liter	Gas Without Start-Stop	565 CCA				PV-47/H5-AGM	
2024-19	L4/2.5 Liter	Hybrid With Wireless/ Smart door lock, Optional Audio	345 CCA 50		PV-47/H5		PV-47/H5-AGM	

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Toyota Sequoia								
2024-23	V6/3.5 Liter	Hybrid	690 CCA		PV-94R/H7		PV-94R/H7-AGM	
Toyota Sienna								
2003-02	V6/3.0 Liter		360 CCA		PV-35			
2024-21	L4/2.5 Liter	Hybrid	560 CCA 50				PV-47/H5-AGM	
Toyota Solara (See Camry, Solara)								
Toyota Supra								
1998-93	L6/3.0 Liter	Manual Transmission	490 CCA		PV-24F			
Toyota Tacoma								
2000-95	V6/3.4 Liter		360 CCA		PV-35			
2000-95	L4/2.4 Liter		360 CCA		PV-35			
2003-01	V6/3.4 Liter	United States	360 CCA		PV-35			
2003-01	L4/2.7 Liter	United States	360 CCA		PV-35			
2003-01	L4/2.4 Liter	United States	360 CCA		PV-35			
2004	L4/2.7 Liter		310 CCA		PV-35			
2004	L4/2.4 Liter		310 CCA		PV-35			
Toyota Tundra								
2004-00	V6/3.4 Liter	Manual Transmission	360 CCA		PV-35			
Toyota Venza								
2024-21	L4/2.5 Liter	Hybrid	345 CCA 50		PV-47/H5		PV-47/H5-AGM	
Toyota Yaris								
2014-06	L4/1.5 Liter		360 CCA 45				PV-26R	1D
2016	L4/1.5 Liter	Hatchback	360 CCA		PV-47/H5		PV-47/H5-AGM	
2016	L4/1.5 Liter	Sedan	360 CCA		PV-35			
2016-15	L4/1.5 Liter	Sedan	355 CCA 45		PV-47/H5		PV-47/H5-AGM	
2019-17	L4/1.5 Liter		355 CCA		PV-47/H5		PV-47/H5-AGM	
2020	L4/1.5 Liter		355 CCA		PV-35			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volkswagen								
Volkswagen Arteon								
2021-19	L4/2.0 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2023-19	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2023-19	L4/2.0 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	50 , 55 , 56 , 58 , 59			PV-47/H5-AGM	9
2023-19	L4/2.0 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	50 , 55 , 56 , 58 , 59			PV-48/H6-AGM	9
2023-19	L4/2.0 Liter	PR Code J0V, Enhanced Flooded Battery	680 CCA	50 , 55 , 56 , 58 , 59			PV-48/H6-AGM	9
2023-19	L4/2.0 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2023-19	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2023-22	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 55 , 56 , 58	PV-47/H5-AGM			
Volkswagen Atlas								
2023-18	V6/3.6 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2023-18	V6/3.6 Liter	PR Code J0V, J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2023-18	V6/3.6 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2023-18	V6/3.6 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2023-18	L4/2.0 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2023-18	L4/2.0 Liter	PR Code J0V, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2023-18	L4/2.0 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2023-18	L4/2.0 Liter	PR Code J1L	540 CCA	55 , 56 , 58			PV-47/H5-AGM	
2023-18	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2023-19	L4/2.0 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
Volkswagen Atlas Cross Sport								
2023-20	V6/3.6 Liter	PR Code J0V, Enhanced Flooded Battery	680 CCA	50 , 55 , 56 , 58 , 59			PV-48/H6-AGM	9
2023-20	L4/2.0 Liter	PR Code J0V, Enhanced Flooded Battery	680 CCA	50 , 55 , 56 , 58 , 59			PV-48/H6-AGM	9
Volkswagen Beetle								
2005-98	L4/2.0 Liter		540 CCA	55 , 56			PV-47/H5-AGM	
2005-98	L4/2.0 Liter	Optional	640 CCA	55 , 56			PV-48/H6-AGM	
2005-99	L4/1.8 Liter		480 CCA	55 , 56	PV-47/H5	48	PV-47/H5-AGM	
2005-99	L4/1.8 Liter	Optional	640 CCA	55 , 56			PV-48/H6-AGM	
2006-98	L4/1.9 Liter	Turbo Diesel	540 CCA	55 , 56			PV-47/H5-AGM	
2006-98	L4/1.9 Liter	Turbo Diesel, Optional	640 CCA	55 , 56			PV-48/H6-AGM	
2010-06	L5/2.5 Liter		540 CCA	55 , 56			PV-47/H5-AGM	
2010-06	L5/2.5 Liter	Optional	640 CCA	55 , 56			PV-48/H6-AGM	
2014-12	L5/2.5 Liter	PR Code J0N	520 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2014-12	L5/2.5 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2014-12	L5/2.5 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2014-12	L5/2.5 Liter	PR Code J1L	540 CCA	55 , 56 , 58			PV-47/H5-AGM	
2014-12	L5/2.5 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2015-13	L4/2.0 Liter	Diesel, PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volkswagen Beetle (continued)								
2015-13	L4/2.0 Liter	Diesel, PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2015-13	L4/2.0 Liter	Diesel, PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2015-13	L4/2.0 Liter	Diesel, PR Code J1L	520 CCA	55 , 56 , 58			PV-47/H5-AGM	
2015-13	L4/2.0 Liter	Diesel, PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2017	L4/1.8 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2017-14	L4/1.8 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2017-14	L4/1.8 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2017-14	L4/1.8 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2017-14	L4/1.8 Liter	PR Code J1L	480 CCA	55 , 56 , 58	PV-47/H5	48	PV-47/H5-AGM	
2017-14	L4/1.8 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2019-12	L4/2.0 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2019-12	L4/2.0 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2019-12	L4/2.0 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2019-12	L4/2.0 Liter	PR Code J1L	480 CCA	55 , 56 , 58	PV-47/H5	48	PV-47/H5-AGM	
2019-12	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2019-17	L4/2.0 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
Volkswagen Cabrio, Cabriolet								
2002-00	L4/2.0 Liter		520 CCA				PV-47/H5-AGM	
2002-00	L4/2.0 Liter		540 CCA				PV-47/H5-AGM	
Volkswagen CC								
2017-09	V6/3.6 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2017-09	V6/3.6 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2017-09	V6/3.6 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2017-09	L4/2.0 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2017-09	L4/2.0 Liter	PR Code J1L, J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2017-09	L4/2.0 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2017-09	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2017-12	V6/3.6 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	50 , 55 , 56 , 58 , 59			PV-48/H6-AGM	9
2017-12	L4/2.0 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	50 , 55 , 56 , 58 , 59			PV-48/H6-AGM	9
Volkswagen e-Golf								
2020-15		Electric, PR Code J0H	58 Ah	33 , 55 , 56 , 58	PV-47/H5-AGM			
2020-15		Electric, PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2020-15		Electric, PR Code J0V	70 Ah	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2020-15		Electric, PR Code J1L, J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
Volkswagen Eos								
2016-07	L4/2.0 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2016-07	L4/2.0 Liter	PR Code J1L, J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2016-09	L4/2.0 Liter	Optional, PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2016-11	L4/2.0 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volkswagen Golf								
1997	L4/1.9 Liter	Diesel	620 CCA		PV-48/H6	5, 6, 10	PV-48/H6-AGM	5, 6, 10
1999	L4/1.9 Liter	Diesel	620 CCA		PV-48/H6	5, 6, 10	PV-48/H6-AGM	5, 6, 10
2000	V6/2.8 Liter	PR Code J0N	540 CCA				PV-47/H5-AGM	48
2000	L4/1.9 Liter	Diesel	620 CCA		PV-94R/H7		PV-94R/H7-AGM	
2001-99	L4/2.0 Liter	PR Code J0L	570 CCA	50, 55, 56, 58	PV-48/H6		PV-48/H6-AGM	
2002-00	V6/2.8 Liter	PR Code J0N	540 CCA	58			PV-47/H5-AGM	48
2002-00	L4/2.0 Liter	PR Code J0N	540 CCA	58			PV-47/H5-AGM	48
2002-00	L4/1.8 Liter	PR Code J0N	540 CCA	58			PV-47/H5-AGM	48
2003-01	L4/1.9 Liter	Diesel, PR Code J0N, J1L	540 CCA	58			PV-47/H5-AGM	48
2005-03	V6/2.8 Liter	PR Code J0R	640 CCA	50, 58	PV-94R/H7		PV-94R/H7-AGM	
2005-03	L4/2.0 Liter	PR Code J1L	540 CCA	58			PV-47/H5-AGM	
2005-03	L4/2.0 Liter	PR Code J1L, J0N	540 CCA	58			PV-47/H5-AGM	48
2005-03	L4/1.8 Liter	PR Code J1L, J0N	540 CCA	58			PV-47/H5-AGM	48
2005-04	L4/1.9 Liter	Diesel, PR Code J0R	640 CCA	50, 58	PV-94R/H7		PV-94R/H7-AGM	
2006	L4/2.0 Liter	PR Code J1L, Except Turbo Charged	480 CCA	50, 58	PV-47/H5	48	PV-47/H5-AGM	
2006	L4/2.0 Liter	Without Turbo, PR Code J1L, J0N	540 CCA	58			PV-47/H5-AGM	48
2006	L4/1.9 Liter	Diesel, PR Code J1D	570 CCA	50, 55, 56, 58	PV-48/H6	48	PV-48/H6-AGM	48
2006	L4/1.8 Liter	PR Code J1L	480 CCA	50, 58	PV-47/H5	48	PV-47/H5-AGM	
2012	L5/2.5 Liter	Gas, PR Code J1L	480 CCA	58	PV-47/H5	48	PV-47/H5-AGM	
2013	L4/2.0 Liter	Gas, Heavy Duty, PR Code J1D	640 CCA	50, 55, 56, 58			PV-48/H6-AGM	48
2013	L4/2.0 Liter	Gas, Optional, PR Code J2D	680 CCA	33, 50, 55, 56, 58	PV-48/H6-AGM			
2013	L4/2.0 Liter	Gas, PR Code J0N	540 CCA	50, 54, 55, 56			PV-47/H5-AGM	48
2013	L4/2.0 Liter	Gas, PR Code J0T, Enhanced Flooded Battery	680 CCA	50, 55, 56, 58, 59			PV-48/H6-AGM	9
2013	L4/2.0 Liter	Gas, PR Code J1L	480 CCA	58	PV-47/H5	48	PV-47/H5-AGM	
2013-10	L5/2.5 Liter	Optional, PR Code J2D	680 CCA	33, 50, 55, 56, 58	PV-48/H6-AGM			
2013-10	L4/2.0 Liter	Diesel, Optional, PR Code J2D	680 CCA	33, 50, 55, 56, 58	PV-48/H6-AGM			
2013-10	L4/2.0 Liter	Diesel, PR Code J0N	540 CCA	50, 54, 55, 56			PV-47/H5-AGM	48
2013-10	L4/2.0 Liter	Diesel, PR Code J0T, Enhanced Flooded Battery	680 CCA	50, 55, 56, 58, 59			PV-48/H6-AGM	9
2013-10	L4/2.0 Liter	TDI, PR Code J1D	640 CCA	50, 55, 56, 58			PV-48/H6-AGM	48
2013-10	L4/2.0 Liter	TDI, PR Code J1L	480 CCA	58	PV-47/H5	48	PV-47/H5-AGM	
2014	L5/2.5 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	50, 55, 56, 58, 59			PV-47/H5-AGM	9
2014	L5/2.5 Liter	PR Code J0V, Enhanced Flooded Battery	640 CCA	50, 55, 56, 58, 59			PV-48/H6-AGM	9
2014	L5/2.5 Liter	PR Code J1D	640 CCA	50, 54, 55, 56, 58			PV-48/H6-AGM	48
2014-10	L5/2.5 Liter	Heavy Duty, PR Code J1D	640 CCA	50, 54, 55, 58			PV-48/H6-AGM	48
2014-10	L5/2.5 Liter	PR Code J0N	540 CCA	50, 54, 55, 56			PV-47/H5-AGM	48
2014-12	L5/2.5 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	50, 55, 56, 58, 59			PV-48/H6-AGM	9
2015	L4/2.0 Liter	Diesel, PR Code J0H	58 Ah	33, 55, 56, 58	PV-47/H5-AGM			
2015	L4/2.0 Liter	Diesel, PR Code J0T, Enhanced Flooded Battery	680 CCA	55, 56, 58, 59			PV-48/H6-AGM	9
2015	L4/2.0 Liter	Diesel, PR Code J2D	680 CCA	33, 55, 56, 58	PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volkswagen Golf (continued)								
2015-14	L4/2.0 Liter	Diesel, PR Code J0N, J1L	540 CCA	50 , 54 , 55 , 56 , 58			PV-47/H5-AGM	48
2015-14	L4/2.0 Liter	Diesel, PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2015-14	L4/2.0 Liter	Diesel, PR Code J1D	640 CCA	50 , 54 , 55 , 56 , 58			PV-48/H6-AGM	48
2017-15	L4/1.8 Liter	PR Code J0N	540 CCA	50 , 54 , 55 , 56 , 58			PV-47/H5-AGM	48
2018-15	L4/1.8 Liter	PR Code J0H	58 Ah	33 , 55 , 56 , 58	PV-47/H5-AGM			
2018-15	L4/1.8 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2018-15	L4/1.8 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2018-15	L4/1.8 Liter	PR Code J1D	640 CCA	50 , 54 , 55 , 56 , 58			PV-48/H6-AGM	48
2018-15	L4/1.8 Liter	PR Code J1L	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	
2018-15	L4/1.8 Liter	PR Code J2D	68 Ah	33 , 55 , 56 , 58	PV-48/H6-AGM			
2018-15	L4/1.4 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2018-15	L4/1.4 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2018-15	L4/1.4 Liter	PR Code J1D	640 CCA	50 , 54 , 55 , 56 , 58			PV-48/H6-AGM	48
2018-15	L4/1.4 Liter	PR Code J1L	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	
2018-15	L4/1.4 Liter	PR Code J2D	68 Ah	33 , 55 , 56 , 58	PV-48/H6-AGM			
2021-19	L4/1.4 Liter	PR Code J0H	58 Ah	33 , 55 , 56 , 58	PV-47/H5-AGM			
2021-19	L4/1.4 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2021-19	L4/1.4 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2021-19	L4/1.4 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2021-19	L4/1.4 Liter	PR Code J1L	540 CCA	50 , 54 , 55 , 56 , 58			PV-47/H5-AGM	
2021-19	L4/1.4 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
Volkswagen Golf Alltrack								
2017	L4/1.8 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2019-17	L4/1.8 Liter	PR Code J0H	58 Ah	33 , 55 , 56 , 58	PV-47/H5-AGM			
2019-17	L4/1.8 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2019-17	L4/1.8 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2019-17	L4/1.8 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2019-17	L4/1.8 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
Volkswagen Golf City								
2010-07	L4/2.0 Liter	PR Code J1L	540 CCA	54 , 58			PV-47/H5-AGM	
Volkswagen Golf R								
2013-12	L4/2.0 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2013-12	L4/2.0 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2013-12	L4/2.0 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2019-15	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 55 , 56 , 58	PV-47/H5-AGM			
2019-15	L4/2.0 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2019-15	L4/2.0 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2019-15	L4/2.0 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volkswagen Golf R (continued)								
2019-15	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2019-18	L4/2.0 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2024-22	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 55 , 56 , 58	PV-47/H5-AGM			
2024-22	L4/2.0 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2024-22	L4/2.0 Liter	PR Code J0V, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2024-22	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2013-12	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Volkswagen Golf SportWagen								
2015	L4/2.0 Liter	Diesel, PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2015	L4/2.0 Liter	Diesel, PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2015	L4/2.0 Liter	Diesel, PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2015	L4/2.0 Liter	Diesel, PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2015	L4/2.0 Liter	Diesel, PR Code J1L	520 CCA	55 , 56 , 58			PV-47/H5-AGM	
2017-15	L4/1.8 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2019	L4/1.4 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2019	L4/1.4 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2019	L4/1.4 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2019	L4/1.4 Liter	PR Code J1L	540 CCA	55 , 56 , 58			PV-47/H5-AGM	
2019-15	L4/1.8 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2019-15	L4/1.8 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2019-15	L4/1.8 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2019-15	L4/1.8 Liter	PR Code J1L	520 CCA	55 , 56 , 58			PV-47/H5-AGM	
Volkswagen GTI								
2008-06	L4/2.0 Liter		540 CCA	54	PV-48/H6		PV-48/H6-AGM	
2009	L4/2.0 Liter		570 CCA	54	PV-48/H6		PV-48/H6-AGM	
2010	L4/2.0 Liter	PR Code J1L	540 CCA	55 , 56 , 58			PV-47/H5-AGM	
2017-10	L4/2.0 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2021-10	L4/2.0 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2021-12	L4/2.0 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2021-14	L4/2.0 Liter	PR Code J1L	540 CCA	55 , 56 , 58			PV-47/H5-AGM	
2021-15	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2024-10	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2024-14	L4/2.0 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	50 , 55 , 56 , 58 , 59			PV-47/H5-AGM	9
2024-22	L4/2.0 Liter	PR Code J0H	58 Ah	33 , 50 , 55 , 56 , 58	PV-47/H5-AGM			
2024-22	L4/2.0 Liter	PR Code J0V, Enhanced Flooded Battery	70 Ah	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2024-22	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volkswagen Jetta								
1997	L4/1.9 Liter	Diesel	620 CCA		PV-48/H6	5, 6, 10	PV-48/H6-AGM	5, 6, 10
1999-98	V6/2.8 Liter	PR Code J1L	520 CCA	55, 56, 58			PV-47/H5-AGM	
1999-98	L4/2.0 Liter	PR Code J1L	520 CCA	55, 56, 58			PV-47/H5-AGM	
2000	L4/1.8 Liter	Optional	640 CCA	55, 56, 58	PV-94R/H7		PV-94R/H7-AGM	
2001	V6/2.8 Liter	Optional, Cold Climate, PR Code J1U	760 CCA	55, 56, 58			PV-49/H8-AGM	
2001	V6/2.8 Liter	Wagon, Optional, PR Code J0R	640 CCA		PV-94R/H7		PV-94R/H7-AGM	
2001	V6/2.8 Liter	Wagon, PR Code J1U	760 CCA				PV-49/H8-AGM	
2001	L4/2.0 Liter	Optional, Cold Climate	760 CCA	55, 56, 58			PV-49/H8-AGM	
2001	L4/2.0 Liter	Wagon	95 Ah	55, 56, 58			PV-49/H8-AGM	
2001	L4/1.9 Liter	Diesel, Optional, Cold Climate	760 CCA	55, 56, 58			PV-49/H8-AGM	
2001	L4/1.8 Liter	Optional, Cold Climate	760 CCA	55, 56, 58			PV-49/H8-AGM	
2001	L4/1.8 Liter	Wagon, Optional	640 CCA	55, 56, 58	PV-94R/H7		PV-94R/H7-AGM	
2002	L4/2.0 Liter	Wagon, Optional, PR Code J0L	570 CCA		PV-48/H6		PV-48/H6-AGM	
2002	L4/1.9 Liter	TDI, Wagon, Optional, PR Code J1D	640 CCA				PV-48/H6-AGM	
2002	L4/1.8 Liter	Optional	640 CCA		PV-94R/H7		PV-94R/H7-AGM	
2002-00	L4/1.9 Liter	Diesel & Optional, PR Code J0R	620 CCA		PV-94R/H7		PV-94R/H7-AGM	
2002-98	L4/2.0 Liter	Optional, PR Code J0L	570 CCA	55, 56, 58	PV-48/H6		PV-48/H6-AGM	
2002-98	L4/1.9 Liter	Diesel, Optional	570 CCA	55, 56, 58	PV-48/H6		PV-48/H6-AGM	
2003-00	L4/2.0 Liter	PR Code J1L	520 CCA				PV-47/H5-AGM	
2004	L4/2.0 Liter	PR Code J1L	520 CCA	55, 56, 58			PV-47/H5-AGM	
2004-00	V6/2.8 Liter	PR Code J0N	540 CCA				PV-47/H5-AGM	48
2004-98	L4/1.9 Liter	Diesel	520 CCA	55, 56, 58			PV-47/H5-AGM	
2004-99	V6/2.8 Liter	PR Code J0R	640 CCA		PV-94R/H7		PV-94R/H7-AGM	
2004-99	V6/2.8 Liter	PR Code J1D	640 CCA	55, 56, 58			PV-48/H6-AGM	48
2005	L4/1.8 Liter	Late	540 CCA	55, 56, 58			PV-47/H5-AGM	
2005-03	L4/2.0 Liter	PR Code J1L	520 CCA				PV-47/H5-AGM	
2005-03	L4/1.8 Liter	PR Code J0R	640 CCA		PV-94R/H7		PV-94R/H7-AGM	
2005-03	L4/1.8 Liter	PR Code J1D	640 CCA	55, 56, 58			PV-48/H6-AGM	48
2005-03	L4/1.8 Liter	PR Code J1L, J0N	60 Ah		PV-47/H5	48	PV-47/H5-AGM	48
2006	L4/2.0 Liter	Turbo, PR Code J0N	540 CCA	55, 56, 58			PV-47/H5-AGM	48
2006-03	L4/1.9 Liter	Diesel, PR Code J1L	60 Ah		PV-47/H5	48	PV-47/H5-AGM	
2006-05	L4/1.9 Liter	Diesel, Optional, PR Code J0L	570 CCA	55, 56, 58	PV-48/H6		PV-48/H6-AGM	
2006-98	L4/1.9 Liter	Diesel & Optional, PR Code J0R	640 CCA	55, 56, 58	PV-94R/H7		PV-94R/H7-AGM	
2007	L4/2.0 Liter	PR Code J0N	540 CCA	55, 56, 58			PV-47/H5-AGM	48
2009-98	L4/2.0 Liter	PR Code J0R	640 CCA	55, 56, 58	PV-94R/H7		PV-94R/H7-AGM	
2010-09	L4/1.8 Liter	PR Code J0N	540 CCA	55, 56, 58			PV-47/H5-AGM	48
2014-05	L5/2.5 Liter	PR Code J0L	570 CCA		PV-48/H6		PV-48/H6-AGM	
2014-05	L5/2.5 Liter	PR Code J0N, J1L	540 CCA	55, 56, 58			PV-47/H5-AGM	48
2014-05	L5/2.5 Liter	PR Code J1D	640 CCA	55, 56, 58			PV-48/H6-AGM	48
2014-05	L4/2.0 Liter	Gas, Optional, PR Code J0L	570 CCA	55, 56, 58	PV-48/H6		PV-48/H6-AGM	
2014-11	L5/2.5 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55, 56, 58, 59			PV-48/H6-AGM	9

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volkswagen Jetta (continued)								
2014-11	L5/2.5 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2014-13	L4/1.4 Liter	Hybrid, Optional	640 CCA	55 , 56 , 58			PV-48/H6-AGM	
2015-09	L4/2.0 Liter	Diesel, PR Code J0N, J1L	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2015-11	L4/2.0 Liter	Diesel, Optional, PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2015-11	L4/2.0 Liter	Diesel, Optional, PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2015-11	L4/2.0 Liter	Diesel, Optional, PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2016	L4/1.4 Liter	Optional, PR Code J0N, J1L	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2016	L4/1.4 Liter	Optional, PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2016	L4/1.4 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2016	L4/1.4 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2016	L4/1.4 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2016-12	L4/2.0 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2016-13	L4/1.4 Liter	Hybrid, PR Code J0N, J1L	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2016-13	L4/1.4 Liter	Hybrid, PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2017-11	L4/2.0 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2018	L4/1.8 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2018-14	L4/1.8 Liter	PR Code J0N, J1L	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2018-14	L4/1.8 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2018-14	L4/1.8 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2018-15	L4/1.8 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2018-17	L4/1.4 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2021-11	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2021-17	L4/1.4 Liter	PR Code J0N, J1L	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2021-17	L4/1.4 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2021-17	L4/1.4 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2021-17	L4/1.4 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2021-17	L4/1.4 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			
2023-03	L4/2.0 Liter	PR Code J0N	540 CCA	55 , 56 , 58			PV-47/H5-AGM	48
2023-03	L4/2.0 Liter	PR Code J1D	640 CCA	55 , 56 , 58			PV-48/H6-AGM	48
2023-05	L4/2.0 Liter	PR Code J1L	520 CCA	55 , 56 , 58			PV-47/H5-AGM	
2024-15	L4/2.0 Liter	PR Code J0S, J4J Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2024-18	L4/2.0 Liter	PR Code J0T, Enhanced Flooded Battery	680 CCA	55 , 56 , 58 , 59			PV-48/H6-AGM	9
2024-22	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 55 , 56 , 58	PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volkswagen Jetta City								
2009-07	L4/2.0 Liter	PR Code J0L	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2009-07	L4/2.0 Liter	PR Code J0N	540 CCA	50 , 54			PV-47/H5-AGM	48
2009-07	L4/2.0 Liter	PR Code J0R	640 CCA	50 , 54	PV-94R/H7		PV-94R/H7-AGM	
Volkswagen Passat								
1997	L4/1.9 Liter	Diesel	650 CCA		PV-48/H6	5 , 6 , 10	PV-48/H6-AGM	5 , 6 , 10
1999-98	L4/1.8 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2002	V6/2.8 Liter	4 Motion	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2004-03	W8/4.0 Liter	PR Code J0N, J1L		50 , 55 , 56 , 58	PV-47/H5	48	PV-47/H5-AGM	48
2004-03	W8/4.0 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2004-03	W8/4.0 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2005	L4/1.8 Liter	Except 4 Motion	740 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2005-03	V6/2.8 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2005-03	V6/2.8 Liter	4 Motion, Heavy Duty, PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2005-03	V6/2.8 Liter	PR Code J0N, J1L	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2005-03	L4/1.8 Liter	PR Code J0N, J1L	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2005-04	V6/2.8 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2005-04	L4/2.0 Liter	Diesel, PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2005-04	L4/2.0 Liter	Diesel, PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2005-04	L4/2.0 Liter	Diesel, PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2005-04	L4/2.0 Liter	Diesel, PR Code J2T	760 CCA	50 , 55 , 56 , 58			PV-94R/H7-AGM	48
2005-98	L4/1.8 Liter	Except 4 Motion	570 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
2005-98	L4/1.8 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2005-98	L4/1.8 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2008-06	V6/3.6 Liter	Sedan	95 Ah	50 , 55 , 56 , 58			PV-49/H8-AGM	
2008-07	V6/3.6 Liter	Wagon, Optional	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2008-07	V6/3.6 Liter	Wagon, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2009-06	V6/3.6 Liter	Syn/4 Mot, Absorbed Glass-Mat, Heavy Duty	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2009-06	V6/3.6 Liter	Syn/4 Mot, Absorbed Glass-Mat, PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2010-06	V6/3.6 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2010-06	V6/3.6 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2010-06	L4/2.0 Liter	Syn/4 Mot, Absorbed Glass-Mat, Optional, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2010-09	V6/3.6 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2010-09	V6/3.6 Liter	PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2010-09	V6/3.6 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2010-09	V6/3.6 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2010-09	L4/2.0 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2010-09	L4/2.0 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2010-09	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2014-12	L5/2.5 Liter	PR Code J0N, J1L	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2014-12	L5/2.5 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2014-12	L5/2.5 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2015-12	L4/2.0 Liter	Diesel, PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2015-12	L4/2.0 Liter	Diesel, PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2015-12	L4/2.0 Liter	Diesel, PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2017-14	L4/1.8 Liter	PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volkswagen Passat (continued)								
2017-14	L4/1.8 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2017-14	L4/1.8 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2017-16	L4/1.8 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2018-12	V6/3.6 Liter	PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2018-12	V6/3.6 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2018-12	V6/3.6 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2022-18	L4/2.0 Liter	PR Code J1U	95 Ah	50 , 55 , 56 , 58			PV-49/H8-AGM	
2022-18	L4/2.0 Liter	PR Code J2D	68 Ah	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Volkswagen Passat CC								
2010-09	V6/3.6 Liter	PR Code J1L, J0N	60 Ah	50 , 55 , 56 , 58	PV-47/H5	48	PV-47/H5-AGM	48
2010-09	V6/3.6 Liter	PR Code J1U	95 Ah	50 , 55 , 56 , 58			PV-49/H8-AGM	
2010-09	V6/3.6 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2010-09	L4/2.0 Liter	PR Code J1L, J0N	60 Ah	50 , 55 , 56 , 58	PV-47/H5	48	PV-47/H5-AGM	48
2010-09	L4/2.0 Liter	PR Code J1U	95 Ah	50 , 55 , 56 , 58			PV-49/H8-AGM	
2010-09	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
Volkswagen Phaeton								
2006-04	W12/6.0 Liter		740 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2006-04	W12/6.0 Liter	Auxiliary, In Trunk, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2006-04	V8/4.2 Liter		740 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2006-04	V8/4.2 Liter	Auxiliary, In Trunk, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
Volkswagen R32								
2008	V6/3.2 Liter		640 CCA	54	PV-94R/H7		PV-94R/H7-AGM	
Volkswagen Rabbit								
2009-06	L5/2.5 Liter	Heavy Duty, PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2009-06	L5/2.5 Liter	PR Code J0L	540 CCA	50 , 55 , 56 , 58	PV-48/H6		PV-48/H6-AGM	
Volkswagen Routan								
2014-11	V6/3.6 Liter		700 CCA		PV-94R/H7		PV-94R/H7-AGM	
Volkswagen Taos								
2024-22	L4/1.5 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	55 , 56 , 58 , 59			PV-47/H5-AGM	9
2024-22	L4/1.5 Liter	PR Code J1L	540 CCA	55 , 56 , 58			PV-47/H5-AGM	
2024-22	L4/1.5 Liter	PR Code J4J		55 , 56 , 58 , 59			PV-47/H5-AGM	9
Volkswagen Tiguan, Tiguan Limited								
2018-09	L4/2.0 Liter	PR Code J0N	540 CCA	50 , 55 , 56 , 58			PV-47/H5-AGM	48
2018-12	L4/2.0 Liter	PR Code J0T, Enhanced Flooded Battery	69 Ah	50 , 55 , 56 , 58 , 59			PV-48/H6-AGM	9
2024-09	L4/2.0 Liter	PR Code J1D	640 CCA	50 , 55 , 56 , 58			PV-48/H6-AGM	48
2024-09	L4/2.0 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-09	L4/1.4 Liter	PR Code J2D	680 CCA	33 , 50 , 55 , 56 , 58	PV-48/H6-AGM			
2024-12	L4/2.0 Liter	PR Code J0S, Enhanced Flooded Battery	59 Ah	50 , 55 , 56 , 58 , 59			PV-47/H5-AGM	9
2024-12	L4/2.0 Liter	PR Code J0V, Enhanced Flooded Battery	70 Ah	50 , 55 , 56 , 58 , 59			PV-48/H6-AGM	9
2024-17	L4/2.0 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2024-17	L4/1.4 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volkswagen Touareg								
2004	V10/4.9 Liter	Diesel, PR Code J1U	850 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2004	V10/4.9 Liter	Diesel, Without Absorbed Glass-Mat	95 Ah	50 , 55 , 56 , 58			PV-49/H8-AGM	
2006-04	V6/3.2 Liter	PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2006-04	V6/3.2 Liter	PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2006-04	V6/3.0 Liter	Diesel, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2008-05	V10/5.0 Liter	In trunk - Absorbed Glass-Mat Battery	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2008-05	V10/5.0 Liter	Without Absorbed Glass-Mat, PR Code J1U	95 Ah	50 , 55 , 56 , 58			PV-49/H8-AGM	
2009-04	V8/4.2 Liter	PR Code J1U	740 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2010-07	V6/3.6 Liter	Option 1, PR Code J1U	760 CCA	50 , 55 , 56 , 58			PV-49/H8-AGM	
2010-09	V6/3.0 Liter	Hybrid, Optional, PR Code J1U	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2015-11	V6/3.0 Liter	Hybrid, PR Code J0B	92 Ah	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2015-11	V6/3.0 Liter	Hybrid, Optional, PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2015-11	V6/3.0 Liter	Hybrid, PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2015-11	V6/3.0 Liter	Hybrid, PR Code J1N	75 Ah	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-11	V6/3.0 Liter	Diesel, Optional, PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			
2016-11	V6/3.0 Liter	Diesel, PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2017-07	V6/3.6 Liter	PR Code J0B	850 CCA	33 , 50 , 55 , 56 , 58	PV-49/H8-AGM			
2017-11	V6/3.6 Liter	PR Code J0R	640 CCA	50 , 55 , 56 , 58	PV-94R/H7		PV-94R/H7-AGM	
2017-11	V6/3.6 Liter	PR Code J1N	800 CCA	33 , 50 , 55 , 56 , 58	PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volvo								
Volvo 850								
1997-93	L5/2.4 Liter		520 CCA				PV-47/H5-AGM	
1997-94	L5/2.3 Liter		520 CCA				PV-47/H5-AGM	
Volvo 940								
1995-91	L4/2.3 Liter		520 CCA				PV-47/H5-AGM	
Volvo 960								
1997-92	L6/2.9 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
Volvo C30								
2010-07	L5/2.4 Liter	Optional	700 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2013-07	L5/2.5 Liter	Optional	80 Ah		PV-94R/H7		PV-94R/H7-AGM	
Volvo C70								
2000-98	L5/2.4 Liter		520 CCA				PV-47/H5-AGM	
2000-98	L5/2.3 Liter		520 CCA				PV-47/H5-AGM	
2004-01	L5/2.4 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2004-01	L5/2.3 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2013-06	L5/2.5 Liter	Optional	80 Ah		PV-94R/H7		PV-94R/H7-AGM	
Volvo S40								
2004	L5/2.5 Liter	Early	600 CCA		PV-48/H6		PV-48/H6-AGM	
2004	L5/2.5 Liter	Late, With Premium Stereo	700 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2004	L5/2.4 Liter	Early	600 CCA		PV-48/H6		PV-48/H6-AGM	
2004	L5/2.4 Liter	Late, With Premium Stereo	700 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2004	L4/1.9 Liter	Late, With Premium Stereo	700 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2004	L4/1.9 Liter	Turbo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2004-00	L4/1.9 Liter	Through early 2004	600 CCA		PV-48/H6		PV-48/H6-AGM	
2010-05	L5/2.4 Liter	Heavy Duty, Late 2004 on	700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2010-07	L5/2.4 Liter	With Premium Stereo	700 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2011-05	L5/2.5 Liter	Heavy Duty, Late 2004 on	700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2011-05	L5/2.5 Liter	With Premium Stereo	700 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
Volvo S60								
2003-01	L5/2.4 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2004-01	L5/2.3 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2004-01	L5/2.3 Liter	Optional	800 CCA 50				PV-49/H8-AGM	
2007-04	L5/2.5 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2008-06	L5/2.4 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2009-01	L5/2.4 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2009-01	L5/2.4 Liter	Optional	800 CCA 50				PV-49/H8-AGM	
2009-03	L5/2.5 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2009-03	L5/2.5 Liter	Optional	800 CCA 50				PV-49/H8-AGM	
2016	L6/3.0 Liter	Polestar	760 CCA 33 , 50		PV-48/H6-AGM			
2016	L5/2.5 Liter	Inscription	800 CCA 33 , 50		PV-94R/H7-AGM			
2016	L4/2.0 Liter	With Start-Stop or Inscription	800 CCA 33 , 50		PV-94R/H7-AGM			
2016-11	L6/3.0 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2016-11	L5/2.5 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2016-15	L6/3.0 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2016-15	L5/2.5 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2016-15	L4/2.0 Liter	With Start-Stop, Optional	760 CCA 33 , 50		PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volvo S60 (continued)								
2018-17	L4/2.0 Liter	Variant Code CS01	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2018-17	L4/2.0 Liter	Variant Code CS02	520 CCA 50				PV-47/H5-AGM	
2018-17	L4/2.0 Liter	Variant Code CS13	800 CCA 33 , 50		PV-94R/H7-AGM			
2022-19	L4/2.0 Liter	Variant Code CS0C	800 CCA 33 , 50		PV-94R/H7-AGM			
Volvo S60 Cross Country								
2016	L5/2.5 Liter		760 CCA 33 , 50		PV-48/H6-AGM			
2016	L5/2.5 Liter	Inscription	800 CCA 33 , 50		PV-94R/H7-AGM			
2016	L5/2.5 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2016	L5/2.5 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2017	L4/2.0 Liter	Inscription	800 CCA 33 , 50		PV-94R/H7-AGM			
2017	L4/2.0 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2017	L4/2.0 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2018	L4/2.0 Liter	Variant Code CS01	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2018	L4/2.0 Liter	Variant Code CS02	520 CCA 50				PV-47/H5-AGM	
2018	L4/2.0 Liter	Variant Code CS13	800 CCA 33 , 50		PV-94R/H7-AGM			
Volvo S70								
1999	L5/2.4 Liter		520 CCA				PV-47/H5-AGM	
1999	L5/2.4 Liter	From Chassis #491304	600 CCA		PV-48/H6		PV-48/H6-AGM	
2000	L5/2.4 Liter		600 CCA		PV-48/H6		PV-48/H6-AGM	
2000-98	L5/2.4 Liter		520 CCA				PV-47/H5-AGM	
2000-98	L5/2.4 Liter	Optional	600 CCA		PV-48/H6		PV-48/H6-AGM	
2000-98	L5/2.3 Liter		520 CCA				PV-47/H5-AGM	
2000-98	L5/2.3 Liter	Optional	600 CCA		PV-48/H6		PV-48/H6-AGM	
Volvo S80								
2001-99	L6/2.8 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2001-99	L6/2.8 Liter	Optional	800 CCA 50				PV-49/H8-AGM	
2005-99	L6/2.9 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2005-99	L6/2.9 Liter	Optional	800 CCA 50				PV-49/H8-AGM	
2006-04	L5/2.5 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2006-04	L5/2.5 Liter	Optional	800 CCA 50				PV-49/H8-AGM	
2009-07	V8/4.4 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2009-08	L6/3.2 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2010	L6/3.0 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2013-07	L6/3.2 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2013-08	L6/3.0 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2014	L6/3.2 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2015	L6/3.0 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2015	L4/2.0 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2015-14	L6/3.0 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2016-15	L4/2.0 Liter	With Start-Stop	800 CCA 33 , 50		PV-94R/H7-AGM			
2016-15	L4/2.0 Liter	With Start-Stop, Optional	760 CCA 33 , 50		PV-48/H6-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volvo S90								
1998-97	L6/2.9 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2017	L4/2.0 Liter		800 CCA 33 , 50		PV-94R/H7-AGM			
2017	L4/2.0 Liter	Optional	850 CCA 33 , 50		PV-49/H8-AGM			
2020-18	L4/2.0 Liter	Variant Code CS04	800 CCA 33 , 50		PV-94R/H7-AGM			
2022-21	L4/2.0 Liter	United States Code CS04, Canada Code CS03, CS0B	800 CCA 33 , 50		PV-94R/H7-AGM			
2022-21	L4/2.0 Liter	Variant Code CS04, Canada	850 CCA 33 , 50		PV-49/H8-AGM			
Volvo V40								
2004-00	L4/1.9 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
Volvo V50								
2007-05	L5/2.5 Liter	With Premium Stereo	700 CCA 50		PV-94R/H7		PV-94R/H7-AGM	
2010-05	L5/2.4 Liter	Optional	700 CCA		PV-94R/H7		PV-94R/H7-AGM	
2011-05	L5/2.5 Liter	Optional	700 CCA		PV-94R/H7		PV-94R/H7-AGM	
Volvo V60								
2015	L5/2.5 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2015	L5/2.5 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2015	L4/2.0 Liter		800 CCA 33 , 50		PV-94R/H7-AGM			
2015	L4/2.0 Liter	With Start-Stop	800 CCA 33 , 50		PV-94R/H7-AGM			
2016	L6/3.0 Liter	Polestar	760 CCA 33 , 50		PV-48/H6-AGM			
2016	L4/2.0 Liter		760 CCA 33 , 50		PV-48/H6-AGM			
2016	L4/2.0 Liter	With Start-Stop or Inscription	800 CCA 33 , 50		PV-94R/H7-AGM			
2016-15	L6/3.0 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2016-15	L6/3.0 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2016-15	L4/2.0 Liter	With Start-Stop, Optional	760 CCA 33 , 50		PV-48/H6-AGM			
2018-17	L4/2.0 Liter	Variant Code CS01	600 CCA		PV-48/H6		PV-48/H6-AGM	
2018-17	L4/2.0 Liter	Variant Code CS02	520 CCA				PV-47/H5-AGM	
2018-17	L4/2.0 Liter	Variant Code CS13	800 CCA				PV-94R/H7-AGM	
2022-19	L4/2.0 Liter	Variant Code CS0C	800 CCA 33 , 50		PV-94R/H7-AGM			
Volvo V60 Cross Country								
2016	L5/2.5 Liter	Inscription	800 CCA 33 , 50		PV-94R/H7-AGM			
2016-15	L5/2.5 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2016-15	L5/2.5 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2018-17	L4/2.0 Liter	Variant Code CS01	600 CCA		PV-48/H6		PV-48/H6-AGM	
2018-17	L4/2.0 Liter	Variant Code CS02	520 CCA				PV-47/H5-AGM	
2018-17	L4/2.0 Liter	Variant Code CS13	800 CCA 33 , 50		PV-94R/H7-AGM			
2022-19	L4/2.0 Liter	Variant Code CA0C	800 CCA 33 , 50		PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volvo V70								
2000-98	L5/2.3 Liter	Optional	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2003-02	L5/2.4 Liter	Optional	800 CCA 50				PV-49/H8-AGM	
2003-99	L5/2.4 Liter		520 CCA 50				PV-47/H5-AGM	
2003-99	L5/2.4 Liter	Optional	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2004-01	L5/2.3 Liter	Option 1	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2004-02	L5/2.3 Liter	Heavy Duty, Electronic Upgrade	800 CCA 50				PV-49/H8-AGM	
2004-98	L5/2.3 Liter		520 CCA				PV-47/H5-AGM	
2007-02	L5/2.4 Liter	Heavy Duty, Electronic Upgrade	800 CCA 50				PV-49/H8-AGM	
2007-03	L5/2.5 Liter		520 CCA				PV-47/H5-AGM	
2007-03	L5/2.5 Liter	Heavy Duty, Electronic Upgrade	800 CCA 50				PV-49/H8-AGM	
2007-03	L5/2.5 Liter	Option 1	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2007-98	L5/2.4 Liter		520 CCA				PV-47/H5-AGM	
2007-98	L5/2.4 Liter	Option 1	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2010-08	L6/3.2 Liter	Except Premium Audio, RTI, RSE	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
Volvo V90								
1998-97	L6/2.9 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2021-18	L4/2.0 Liter	Variant Code CS03, CS0C	800 CCA 33 , 50		PV-94R/H7-AGM			
2021-18	L4/2.0 Liter	Variant Code CS04, CS0E	850 CCA 33 , 50		PV-49/H8-AGM			
Volvo V90 Cross Country								
2022-17	L4/2.0 Liter	Variant Code CS03, CS0C	800 CCA 33 , 50		PV-94R/H7-AGM			
Volvo XC40								
2020-19	L4/2.0 Liter		760 CCA 33 , 50		PV-48/H6-AGM			
2021	L4/2.0 Liter	Variant Code CS0F, CS0A	760 CCA 33 , 50		PV-48/H6-AGM			
2022-21	L4/2.0 Liter	Variant Code CS0F, CS0A	760 CCA 33 , 50		PV-48/H6-AGM			
Volvo XC60								
2013-10	L6/3.2 Liter		70 Ah				PV-48/H6-AGM	
2013-10	L6/3.0 Liter		70 Ah				PV-48/H6-AGM	
2015-10	L6/3.2 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2016-10	L6/3.0 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2016-15	L6/3.0 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2016-15	L5/2.5 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2016-15	L5/2.5 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2016-15	L4/2.0 Liter	With Start-Stop	800 CCA 33 , 50		PV-94R/H7-AGM			
2016-15	L4/2.0 Liter	With Start-Stop, Optional	760 CCA 33 , 50		PV-48/H6-AGM			
2017	L4/2.0 Liter	Variant Code CS01	600 CCA		PV-48/H6		PV-48/H6-AGM	
2017	L4/2.0 Liter	Variant Code CS02	520 CCA				PV-47/H5-AGM	
2017	L4/2.0 Liter	Variant Code CS03	800 CCA 33 , 50		PV-94R/H7-AGM			
2022-18	L4/2.0 Liter	Variant Code CS02	850 CCA 33 , 50		PV-49/H8-AGM			
2022-18	L4/2.0 Liter	Variant Code CS03	800 CCA 33 , 50		PV-94R/H7-AGM			

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Year	Engine	Options	OE Rating	Notes	Direct Fit	Direct Note	Alternate Fit	Alternate Note
Volvo XC70								
2007-03	L5/2.5 Liter	Except Premium Audio, RTI, RSE	520 CCA 50				PV-47/H5-AGM	
2007-03	L5/2.5 Liter	Optional	800 CCA 50				PV-49/H8-AGM	
2007-03	L5/2.5 Liter	RTI, RSE, Option 1	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2007-04	L5/2.5 Liter		520 CCA 50				PV-47/H5-AGM	
2007-04	L5/2.5 Liter	Optional	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2014-08	L6/3.2 Liter	SI6	590 CCA		PV-48/H6		PV-48/H6-AGM	
2014-09	L6/3.0 Liter	SI6	590 CCA		PV-48/H6		PV-48/H6-AGM	
2015	L6/3.2 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2015	L6/3.0 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2015	L4/2.0 Liter		800 CCA 33 , 50		PV-94R/H7-AGM			
2015-08	L6/3.2 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2015-09	L6/3.0 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2016	L5/2.5 Liter	All Wheel Drive	70 Ah 33 , 50		PV-48/H6-AGM			
2016	L5/2.5 Liter	Optional, With Premium Stereo	760 CCA 33 , 50		PV-48/H6-AGM			
2016	L5/2.5 Liter	Without Premium Stereo	600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2016-15	L4/2.0 Liter	Electric Front Wheel Drive Package, Keyless locking	760 CCA 33 , 50		PV-48/H6-AGM			
2016-15	L4/2.0 Liter	With Start-Stop	800 CCA 33 , 50		PV-94R/H7-AGM			
2016-15	L4/2.0 Liter	With Start-Stop, Optional	760 CCA 33 , 50		PV-48/H6-AGM			
Volvo XC90								
2005-03	L6/2.9 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2005-03	L6/2.9 Liter	Optional	760 CCA 50				PV-49/H8-AGM	
2006-03	L5/2.5 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2006-03	L5/2.5 Liter	Optional	760 CCA 50				PV-49/H8-AGM	
2006-04	L5/2.5 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2010-07	L6/3.2 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2011-05	V8/4.4 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2011-05	V8/4.4 Liter	Optional	760 CCA 50				PV-49/H8-AGM	
2014-07	L6/3.2 Liter		600 CCA 50		PV-48/H6		PV-48/H6-AGM	
2014-07	L6/3.2 Liter	Optional	760 CCA 50				PV-49/H8-AGM	
2016	L4/2.0 Liter	Early	850 CCA 33 , 50 , 56		PV-49/H8-AGM			
2016	L4/2.0 Liter	Late	800 CCA 33 , 50 , 56		PV-94R/H7-AGM			
2017	L4/2.0 Liter	Variant Code CS04	850 CCA 33 , 50		PV-49/H8-AGM			
2022-17	L4/2.0 Liter	Variant Code CS03, CS0C	800 CCA 33 , 50		PV-94R/H7-AGM			
2022-18	L4/2.0 Liter	Variant Code CS04, CS0E	850 CCA 33 , 50		PV-49/H8-AGM			
Workhorse								
Workhorse FasTrack FT1801								
2005-02	V8/6.5 Liter		600 CCA 2		PV-78		PV-78DT	
Workhorse FasTrack FT1802								
2003-02	V8/6.5 Liter		600 CCA 2		PV-78		PV-78DT	



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