



BOSCH
Invented for life

Driven by
RELIABILITY



Bosch Batteries

Catalogue 2021/2022





BOSCH

Invented for life

The Bosch Group is a leading global supplier of technology and services. Bosch operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. In your car, at home, or at work – Bosch technology shapes many areas of life.

Invented for Life

Our slogan “invented for life” conveys the ambitious standards we have set ourselves and the values that we have long stood for. “Invented for life” stands for reliable technology designed and built to last. At the same time it embodies innovations and technology that spark our customers’ enthusiasm, improve quality of life, and help conserve resources.

“We are Bosch” – our mission statement

As company founder Robert Bosch once said: “In the long term, an honest and fair approach to doing business will be the most profitable.” This statement continues to influence the way we do business today.

The Robert Bosch Stiftung (Robert Bosch Foundation)

In 1964, The Robert Bosch Foundation was established to keep alive the social endeavours of its founder Robert Bosch. The foundation has since issued 1.4 billion euros in grants.

Sustainability

Responsibility for the environment is a core value at Bosch and is firmly anchored in our principles for safety and protection. We consider addressing ecological issues an engine of innovation.

Did you know?

Bosch has approximately
450 subsidiaries
and regional companies in over
60 countries
worldwide.

402,166 Employees
Globally.

Bosch were voted “Best Brand 2020”

by the readers of the German car magazine “auto motor und sport” in the following six categories:

- ▶ Batteries
- ▶ Filters
- ▶ Spark Plugs
- ▶ Wiper Blades
- ▶ Tools
- ▶ Workshop chains worldwide.



*Product images are for illustration purposes only. Actual image may vary in appearance.

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A2 Bosch: Battery Experts since 1922

For Bosch, every battery is a technological milestone



More than
95 Years
of Bosch
Batteries

► Production of batteries for motorcycles starts in Stuttgart, Feuerbach

1922

► Launch of 12V battery with a built-in charge indicator

1927

► Production of batteries for passenger cars

1960

► Introduction of low-maintenance batteries for passenger vehicles

1970

Today Bosch battery product range includes a comprehensive selection of technologically innovative products, suited to a variety of applications (see below).



Passenger Vehicles



Trucks & Buses



Deep Cycle and Reserve Power



Light Commercial Vehicles



Heavy Equipment



Lawn & Garden Equipment



4X4 & SUVs



Marine

- ▶ Introduction of 100% maintenance-free batteries*
- ▶ Beginning of lead-calcium technology

- ▶ Bosch designed the new 48 volt battery (48V) with the purpose to cut CO₂ emissions. A 48V hybrid can considerably cut fuel consumption through the use of a boost recuperation system (BRS). Here's how it works: A conventional car loses energy whenever the driver brakes. The BRS stores this braking energy in a 48V battery and applies it later when the driver accelerates (electronic boost). This results in lower fuel consumption and produces less CO₂.

1980

1990-2013

2017

- ▶ Launch of new batteries with labyrinth lid, stamped grid and AGM technology
- ▶ ST Hightec AGM and EFB batteries revolutionise the fast-growing battery market to meet customer demands



*according to DIN V43539

A4 Driven by Reliability

The Bosch Distinction



When Quality and Performance Matters

“Invented for life” stands for reliable technology designed and built to last. To meet the ever increasing energy demands of today’s vehicles, Bosch has a comprehensive line-up of maintenance-free batteries, including the SM Mega Power, ST Hightec and EFB range.



Complete Systems Solutions

Bosch provides solutions for Parts, Diagnostics and Workshop Services. The complete system support package from Bosch includes:

- ▶ Diagnostic Equipment
- ▶ Diagnostic Software
- ▶ Technical Support
- ▶ Technical Training
- ▶ A range of products



Endurance

Bosch Batteries – Designed to last. Bosch has successfully been making batteries since 1922. High density active materials and optimised particle size mean long service life.



Future Driven

Bosch spends billions of dollars annually in research and development to preserve its position as a technological leader. Bosch is partnering with various automakers to give drivers of electric vehicles access to some 17,400 charge spots in five European countries – with the help of charging apps, for example. Bosch's expertise covers the entire electromobility ecosystem – from proven components for electrified applications to digital connection with the charging infrastructure.



Global Battery Expertise

Robert Bosch GmbH and its 360 subsidiaries and regional companies are active in some 50 countries. If its sales and service partners are included, Bosch has a presence in some 150 countries. Thanks to its well-established local presence across multiple parts of the world, Bosch understands individual markets and can tailor its local activities to reflect their specific requirements and current trends.

Bosch is committed to the continued development of battery systems with several hundred associates working on new battery innovations.



Latest Technology

Bosch’s portfolio stretches from power electronics, to 48-volt mild hybrid batteries, battery-management systems, electric motors and electric axle systems.

- ▶ Driverless car: In 2017 Bosch released the driverless car. It marked the first time a self-driving vehicle has driven on Australian roads.
- ▶ Bosch e-axle: Bosch has combined three powertrain components into one unit. The motor, power electronics, and transmission form one compact unit that directly drives the car’s axle. This makes the powertrain not only far more efficient, but more affordable as well.
- ▶ Bosch electrical powertrain components already feature in more than 800,000 vehicles globally.

A5 Product Range

Passenger & Light Commercial Vehicles



SM Mega Power Plus

The SM Mega Power Plus is renowned for reliability to meet the electrical demand of a wide range of passenger vehicles.

- ▶ Long service life
- ▶ Optimal performance ensures maximum current flow and high cranking power
- ▶ Excellent safety and recyclability through innovative container material
- ▶ Completely sealed and maintenance free



SM Mega Power Silver

The SM Mega Power Silver is the optimum choice for prestige vehicles and currently exceeds all international standards set by their manufacturer.

- ▶ Maximum performance & long service life
- ▶ Optimized silver alloy increases connectivity for higher charge acceptance
- ▶ Stable design structure with silver technology supports additional safety features such as ESP and ABS
- ▶ Stable silver alloy grid reduces corrosion rate and decreases self-discharge



ST Hightec EFB

Enhanced Flooded Battery (EFB) are the perfect partner for Stop/Start vehicles today.

- ▶ Enhance Flooded Battery (EFB) are built for high performance and reliability, even under extreme conditions
- ▶ High density active material and optimized particle size ensures extended service life
- ▶ Optimised negative grid alloy retards corrosion and prolongs battery life during high depth of discharge cycling



ST Hightec AGM

With its dynamic recharging capability and up to 4 times the number of discharge/charge cycles, the ST Hightec AGM meets the toughest power requirements as found in today's vehicles.

- ▶ Extra long service life with double labyrinth lid construction preventing water loss
- ▶ 100% leakage proof with AGM technology
- ▶ Higher charge acceptance



*24 Months (Stop/Start) & 36 Months (Normal Use)

A6 Product Range

Heavy Commercial Vehicles



SMT Mega Power Plus

The SMT Mega Power Plus is an economic choice with high cranking power and the capacity for extreme conditions and demanding on-board accessories.

- ▶ Calcium Calcium technology provides longer service life
- ▶ Dependable starting power



SMT Mega Power Silver

Specifically designed with Silver Alloy technology, the SMT Mega Power Silver surpasses international standards set by original equipment manufacturers.

- ▶ Resists heat and corrosion providing extra long service life
- ▶ Safe and powerful energy supply for energy consuming vehicles



A7 Product Range

D Series – Deep Cycle VRLA Range



AGM Deep Cycle

Bosch AGM Deep Cycle Batteries are extensively used throughout the service, recreational and electric vehicle industries, with a capacity between the 4.5 to 14.0 AMP Range.



AGM Deep Cycle Plus

Bosch Deep Cycle Plus Batteries offer increased capacity between the 21.4 to 262 AMP Range.



GEL Deep Cycle

Bosch Deep Cycle Gel Batteries have excellent performance in protecting its components and superior deep discharge property.



Gel and AGM Technology at a Glance	GEL	AGM
Maintenance-free design	Yes	Yes
Internal oxygen recombination	Yes	Yes
Spill proof	Yes	Yes
Low self discharge rate	Yes	Yes
Recharging efficiency	Good	Good
Stability of capacity over cycle life	Very Good	Good
Deep Cycle life and resiliency to deep discharge damage	Very Good	Good
Best combination of starting and cycling purpose	Good	Very Good
High current discharge performance	Good	Very Good

Certification Standards

The Bosch VRLA range conforms to:

AS/NZS 4029.2:2000 (Stationary batteries-Lead-acid Part 2: Valve regulated type [IEC 60896-2:1995, MOD])

“AktivFire Scheme” to Technical Specification TS001, Ver. 1.1

*Certification details are available on www.boschparts.com.au

A8 Product Range

Deep Cycle Power – Golf Cart



Deep Cycle Power – Golf Cart

Bosch Golf Cart Batteries aim for high cycle stability, which guarantee a reliable power supply even on the most challenging course. Specially designed for a varied range of motion applications that require frequent charging and discharging cycles, Bosch Golf Cart Batteries swing in the power you can rely on.

Recommended Applications

- ▶ Golf cart
- ▶ Floor machine
- ▶ Electric truck
- ▶ Electric recreational vehicle (RV)
- ▶ Electric utility vehicle

Advanced Welding Technology

- ▶ Secured cast-on-strap improves electrical conductivity by minimizing shedding of active materials
- ▶ High vibration resistance

Special Refill Plugs Design

- ▶ Specially designed structure releases gas in a single motion, guarantees less water consumption

Polypropylene Container

- ▶ High heat resistance for safer operation

High Density Paste

- ▶ Double paste per cube reduces normal material shedding and generates higher capacity

SiO₂-PVC Separator In Nano Grade

- ▶ Higher porosity and symmetrical aperture reduces internal resistance for stable discharge output

Special Grid Construction

- ▶ Special alloy and thicker grid promotes deep cycling characteristics



M Series – Marine



M4

Bosch marine batteries are carefully engineered to provide the optimum balance between starting and deep cycling duties. They are also thoroughly insulated to protect against the high frequency vibrations created by rough sea conditions.

- ▶ HCM is designed for dual purpose to handle both starting and light cycling



A9 Battery Accessories

DIY/Retail Range



C3 and C7 Battery Charger

The Bosch C3 battery charger is an intelligent four-stage automatic battery charger with pulse charging and trickle charging capabilities.



The Bosch C7 Battery Charger is an intelligent six-stage automatic charger with great extra features including regeneration mode and power backup.

- ▶ Suitable for lead acid wet, AGM and GEL batteries
- ▶ Intelligent and automatic charging
- ▶ No risk of overcharge
- ▶ C3 6V/12, C7 12V/24

Trade Range



BAT 131 Battery Tester

The new portable battery tester BAT 131 from Bosch is perfectly suitable for testing 6 V and 12 V starter batteries.



- ▶ Menu guided intuitive operation, with results on large LCD screen
- ▶ Optimized test algorithm to test new / unused / instock batteries
- ▶ Extended test for 12 V and 24 V starting / charging system. The tester supports the optional use of a current clamp, which also improves the test results
- ▶ Stores up to 100 test reports; USB port for report downloads and future software updates
- ▶ Integrated printer provides “easy to understand” graphical printouts
- ▶ 3 m replaceable cable enables “flexibility” during battery and starter / alternator diagnosis



BAT 135 Battery Tester

The BAT 135 battery tester with integrated printer tests 6V and 12V batteries from 40 - 2,000. It will also test 12V and 24V charging systems with a diode/ripple test.



- ▶ 6V, 12V batteries and 12V, 24V charging systems
- ▶ Test battery capacities from 40-2,000 CCA
- ▶ Test all automotive, light-duty and commercial batteries including:
 - AGM
 - Gel Cell
 - Flooded lead-acid
 - Start/Stop EFB
 - Commercial, SLI
- ▶ Presents State of Health and State of Charge percentage
- ▶ Integrated printer to capture test results and customer records
- ▶ Detachable test clamps for service and replacement
- ▶ Full charging system test with diode/ripple test
- ▶ Micro-load testing for proven, accurate results

A10 Battery Accessories

Trade Range

BAT 131/135 Battery Testers

The battery tester range from Bosch is perfect whatever your testing needs are. Our BAT 131 and BAT 135 will cover all your requirements.

Product	BAT 131	BAT 135
Applications	PC, Truck, Motorcycle, Marine	PC, Truck, Motorcycle, Marine
Test method	Micro-load, Single Load, Dynamic Resistance Technology	Load-free test procedure
Range of battery test	6 V / 12 V	6 V / 12 V
Range of battery types	Flooded, VRLA, Vlies/AGM, Gel, EFB	Flooded, VRLA, Vlies/AGM, Gel, EFB
Scope of norms	CCA/SAE, EN, EN2, DIN, IEC, CA/MCA, JIS (Battery Type No.)	CCA/SAE, EN, EN2, DIN, IEC, CA/MCA, JIS (Battery Type No.)
Scope of test (CCA)	CCA/SAE: 40-2000 EN: 40-1885 DIN: 25-1120 IEC: 30-1320 JIS: battery type number CA/MCA: 50-2400	CCA: 50 - 1550 A JIS: battery type number
Performance of alternator/generator test	Yes (12 / 24V)	Yes (12 / 24V)
System Test Starter / Generator	Yes	Yes
Included voltmeter	1.5 V ~ 30V	Yes
Languages	25	21
Built-in printer	Yes	Yes
Other functions	-	- New battery mode - Store 100 test results
Protection against reverse polarity	Yes	Yes
USB-Port Connection PC, SW-Update	No	Yes
Supply	Vehicle battery, 6 internal AA Batteries	Vehicle battery, 6 internal AA Batteries
Accessory	-	Current clamp



KTS Scan Tool

Bosch diagnostic solutions to provide a simple workshop environment.

- ▶ Top-measurement technology for quick diagnosis
- ▶ Ethernet and PassThru for vehicle interface access
- ▶ Robust and future orientated



BAT 645/690 Universal Battery Charger

The new Bosch Bat 645 and 690 Battery Charger offers automotive workshops two universally applicable professional devices.

- ▶ Featuring 45 or 90 ampere of continuous current output.
- ▶ Automatically detects the required nominal voltage
- ▶ Both chargers can be used for 12-volt car batteries and 24-volt commercial vehicle batteries alike
- ▶ USB port to ease software updates, allows for instant uploading characteristics



A11 Bosch Start-Stop System Innovator EFB Batteries

Enhanced Flooded Batteries (EFB) are built for higher performance and reliability than standard flooded batteries. They are designed to support standard Start-Stop engines, which put greater demands on the battery.

Even for non Start-Stop vehicles, the EFB can also be fitted to enhance starting performance and meet the ever increasing electrical demands of modern vehicles.

The EFB provides increased cyclic stability, enabling faster recovery from deep discharges. In a Start-Stop vehicle, the EFB maintains power supply to the electrical devices when the engine shuts off, and is able to restart in a fraction of a second.

Why is EFB essential for Start-Stop Systems?

- ▶ Extended cycle life compared with conventional battery
- ▶ Better deep cycling property to allow cranking with lower state of charge
- ▶ Higher charge acceptance for lesser charging opportunities
- ▶ Higher thermal stability for use in engine compartment and hot climate regions



Advantages at a glance



Extended Service Life

- ▶ High density active material and optimised particle size for extended service life



Start / Stop

- ▶ Special negative additives are added to reduce the shrinkage of active materials which increases charging acceptance



Extra High Performance

- ▶ Small-sized windows of expanded grid lowers resistance and improves conductivity for consistently high performance



Higher Durability

- ▶ Optimised negative grid alloy inhibits corrosion and prolongs the battery life cycle with a high depth of discharge



Higher Depth of Discharge (DoD)

- ▶ Suitable for additional electrical load prevalent in modern vehicles to give you the extra power needed

For vehicles originally fitted with EFB or AGM Batteries, the replacement batteries should be of the same technology as the conventional types are not able to cope with the demands of the start-stop systems, potentially causing premature failure.

A12 Bosch Start-Stop System Innovator AGM Batteries

Absorbent Glass Mat (AGM) is specifically designed for the special requirements of the start-stop and electronic battery management systems.

What is Start-Stop technology?

With start-stop technology when the car comes to a stop the engine switches off. The battery continuously powers the air-conditioning, lighting and other informative systems. The engine automatically restarts once the driver engages the clutch pedal in an automatic vehicle, resulting in reduced fuel consumption and CO₂ emissions.



Extra Long Service Life

Special Lid Structure

- Double lid with labyrinth construction prevents water loss

Wide Cast on Strap

- High vibration resistance minimizes shedding of active material

Polypropylene Case

- Made of highly durable material that can withstand greater internal pressure



Assured Safety

- 100% leakage proof with AGM technology
- Eliminates emission of gases due to the recombinant nature
- Safety valves relieve excess pressure



Absorbent Glass Mat

- Electrolyte absorbed by micro-porous glass separators eliminates acid spills and terminal corrosion
- Optimized component compression minimizes loss of active material
- Maximizes charge reaction due to evenly distributed electrolyte



Centralized Grid Lug / Fine Mesh Grid

- Higher charging and discharging performance
- Designed for maximum current flow and high charge efficiency
- Made of Tin-Calcium material with high corrosion resistance
- Low internal resistance translates into higher power output

Advantages at a glance



- ▶ Supports start stop system designed to reduce fuel consumption



- ▶ 100% sealed and leak-proof



- ▶ High starting performance



- ▶ Excellent charge acceptance and cold starting power



- ▶ Longer service life due to unique built-in features including double lid to prevent water loss, high vibration resistance, and a highly durable polypropylene case.

A13 Battery Specifications

Mega Power Plus Specifications

Bosch Part Number	Short Order Part Number	20Ah Rate	RC	CCA	Length (mm)	Width (mm)	Total Height (mm)	Terminal	Term Layout	Base Hold Down	Technology
SM Mega Power Plus											
0986A00440	54316	43	70	420	211	175	175	STD	A	B3/B4	Cal Cal
0092S37018	55065	50	84	430	208	175	190	STD	B	B3	Cal Cal
0092S37019	55066	50	84	430	208	175	190	STD	A	B3	Cal Cal
0986A00442	55457	54	94	500	245	175	175	STD	A	B3	Cal Cal
0986A00441	55458	54	94	500	245	175	175	STD	B	B3	Cal Cal
0092S37137	56217	62	95	580	242	175	190	STD	B	B3	Cal Cal
0092S37136	56219	62	95	580	242	174	190	STD	A	B3	Cal Cal
0986A00225	56318	63	110	580	277	175	175	STD	A	B3/B4	Cal Cal
0986A00228	56638	66	110	560	278	175	190	STD	A	B3	Cal Cal
0986A00443	56640	66	110	560	278	175	190	STD	B	B3	Cal Cal
0092S37480	57013	70	110	770	278	175	190	STD	B	B3	Cal Cal
0986A00234	57220	72	120	610	278	175	190	STD	A	B3	Cal Cal
0986A00413	58014	80	135	730	315	175	175	STD	A	B3	Cal Cal
0092S37014	58515	85	145	750	353	175	175	STD	A	B3	Cal Cal
0092S37481	59095	90	160	912	315	175	190	STD	B	B3	Cal Cal
0986A00251	60588	105	190	880	353	175	190	STD	A	B3	Cal Cal
0092S47043	60038	100	170	800	353	175	190	STD	A	B3	Cal Cal
0092S37000	22F-550	56	86	550	240	174	205	STD	A	B9	Cal Cal
0092S37004	22F-550DF	56	86	550	240	174	211	DF	A	B9	Cal Cal
0092S47066	22F-610	55	90	610	240	172	203	STD	A	B9	Cal Cal
0092S37008	22FR-550	56	86	550	240	174	205	STD	B	B9	Cal Cal
0092S47067	22FR-610	55	90	610	240	172	203	STD	B	B9	Cal Cal
0092S47071	22NF-330D	40	60	330	240	134	204	DF	G	B9	Cal Cal
0092S37274	40B19L	35	52	300	186	126	224.2	SMALL	A	B0	Cal Cal
0092S37275	40B19LS	35	52	300	186	126	224.2	STD	A	B0	Cal Cal
0092S37276	40B19R	35	52	300	186	126	224.2	SMALL	B	B0	Cal Cal
0092S37277	40B19RS	35	52	300	186	126	224.2	STD	B	B0	Cal Cal
0092S47085	50D20L	50	80	500	207	172	219	STD	A	B7	Cal Cal
0986A00406	55B24L	45	76	430	238	129	225	SMALL	A	-	Cal Cal
0986A00408	55B24LS	45	76	430	238	129	225	STD	A	-	Cal Cal
0986A00407	55B24R	45	76	430	238	129	225	SMALL	B	-	Cal Cal
0986A00409	55B24RS	45	76	430	238	129	225	STD	B	-	Cal Cal
0092S37147	55D23L	55	90	550	229	172	222	STD	A	B7	Cal Cal
0092S37146	55D23R	55	90	550	229	172	222	STD	B	B7	Cal Cal
0986A00415	55D26L	60	100	500	260	173	222	STD	A	-	Cal Cal
0986A00414	55D26R	60	100	500	260	173	222	STD	B	-	Cal Cal
0092S47045	65-7MF	85	160	850	302	189	191	STD	B	B8	Cal Cal
0092S47028	80D23L	70	120	560	229	172	222	STD	A	B7	Cal Cal
0092S47029	80D23R	70	120	560	229	172	222	STD	B	B7	Cal Cal
0092S47030	90D26L	75	140	620	260	172	222	STD	A	B7	Cal Cal
0092S47031	90D26R	75	140	620	260	172	222	STD	B	B7	Cal Cal
0092S37015	AU22-550DF	56	86	550	231	169	211	DF	A	B0	Cal Cal
0092S37016	AU22R-550	56	86	550	231	169	205	STD	B	B0	Cal Cal
0092S47077	U1-260	26	33	260	196	128	184	LUG	LUG	B0	Cal Cal
0092S47078	U1R-260	26	33	260	196	128	184	LUG	LUG	B0	Cal Cal
0092S37464	EN-AUX35	35	50	520	207	175	140	EN	A	B3	Cal Cal

A14 Battery Specifications

Mega Power (Silver) & ST Hightec (EFB + AGM) Specifications

Bosch Part Number	Short Order Part Number	20Ah Rate	RC	CCA	Length (mm)	Width (mm)	Total Height (mm)	Terminal	Term Layout	Base Hold Down	Technology
SM Mega Power Silver											
0092S57046	560.060	60	100	600	242	175	175	STD	A	B3	Cal Sil
0092S37270	568.060	68	110	600	278	175	190	STD	A	B3	Cal Sil
0092S57047	574.068	74	120	680	278	175	190	STD	A	B3	Cal Sil
0092S57049	575.068	75	120	680	278	175	175	STD	A	B3/B4	Cal Sil
0092S57091	610.095	110	190	950	394	174	190	STD	A	B3	Cal Sil
0092S57026	110D26L	93	160	680	260	172	222	STD	A	B7	Cal Sil
0092S57027	110D26R	93	160	680	260	172	222	STD	B	B7	Cal Sil
0092S57030	22F-680	60	105	680	240	172	203	STD	A	B9	Cal Sil
0092S57031	22FR-680	60	105	680	240	172	203	STD	B	B9	Cal Sil
0092S57048	574.068R	74	120	680	278	175	190	STD	B	B3	Cal Sil
0986A02234	90D23L	75	125	650	230	172	222	STD	A	B7	Cal Sil
0986A02235	90D23R	75	125	650	230	172	222	STD	B	B7	Cal Sil
ST Hightec EFB - Vehicle Specific											
0092S57106	Q85L	75	125	660	229	172	222	STD	A	B7	EFB
0092S57107	Q85R	75	125	660	229	172	222	STD	B	B7	EFB
0092S57108	S95L	80	150	720	259	172	222	STD	A	B7	EFB
0092S57114	S95R	80	150	720	259	172	222	STD	B	B7	EFB
0092S57109	T110L	94	170	820	305	172	222	STD	A	B7	EFB
0092S57110	T110R	94	170	820	305	172	222	STD	B	B7	EFB
0092S67112	LN2-EFB	60	100	560	245	175	190	STD	A	B3	EFB
0092S67113	LN3-EFB	70	120	680	277	175	190	STD	A	B3	EFB
0092S67114	LN4-EFB	80	145	780	315	175	190	STD	A	B3	EFB
0092S67115	LN5-EFB	95	175	850	353	175	190	STD	A	B3	EFB
0092S67125	LB3-EFB	65	110	650	277	175	175	STD	A	B1	EFB
0092S67126	LB4-EFB	75	135	730	315	175	175	STD	A	B1	EFB
ST Hightec AGM - Vehicle Specific											
0092S67116	LN2-AGM	60	100	680	245	175	190	STD	A	B3	AGM
0092S67117	LN3-AGM	70	120	760	277	175	190	STD	A	B3	AGM
0092S67118	LN4-AGM	80	140	800	315	175	190	STD	A	B3	AGM
0092S67119	LN5-AGM	92	160	850	353	175	190	STD	A	B3	AGM
0092S67120	LN6-AGM	105	190	950	394	175	190	STD	A	B3	AGM
0092S67031	S46B24R	45	75	370	236	126	224	JIS	B	B0	AGM

A15 Battery Specifications

SMT Mega Power Specifications

Bosch Part Number	Short Order Part Number	20Ah Rate	RC	CCA	Length (mm)	Width (mm)	Total Height (mm)	Terminal	Term Layout	Base Hold Down	Technology
SMT Mega Power Plus											
0092S37070	68032	180	360	1100	508	222	220	STD	D	B0	Cal Cal
0092S37072	73011	230	430	1250	518	273	241	STD	D	B0	Cal Cal
0092S37156	31-900	100	160	900	330	173	239	STD	G	B0	Cal Cal
0092S37157	31-900T	100	160	900	330	173	239	Threaded	G	B0	Cal Cal
0092S37462	31-1000	100	160	1000	330	172	240	STD	G	B0	Cal Cal
0092S37463	31-1000T	100	160	1000	330	172	240	Threaded	G	B0	Cal Cal
0092S37149	95D31L	90	160	710	302	172	222	STD	A	B7	Cal Cal
0092S37148	95D31R	90	160	710	302	172	222	STD	B	B7	Cal Cal
0092T47020	105D31L	95	170	770	305	172	222	STD	A	B7	Cal Cal
0092T47021	105D31R	95	170	770	305	172	222	STD	B	B7	Cal Cal
0092S47094	125D31L	100	180	790	305	172	222	STD	A	B7	Cal Cal
0092S47095	125D31R	100	180	790	305	172	222	STD	B	B7	Cal Cal
0092S37336	160F51 (N120)	128	240	900	505	183	240	STD	STD	B0	Cal Cal
0092S37337	190G51 (N150)	155	310	950	508	222	241	STD	STD	B0	Cal Cal
0092S37338	250H52 (N200)	205	435	1130	523	279	248	STD	STD	B0	Cal Cal
0092S47061	N100 (130E41R)	110	190	700	406	172	231	STD	B	B0	Cal Cal
0092S47091	N100L (130E41L)	110	190	700	406	172	231	STD	B	B0	Cal Cal
0092S47062	N120 (150F51)	135	245	1005	503	182	231	STD	A	B0	Cal Cal
0092S47063	N150 (165G51)	150	300	1050	507	213	231	STD	A	B0	Cal Cal
0092S47036	N200L (8D-1300L)	210	440	1300	510	275	238	STD	D	B0	Cal Cal
0092S47064	N200R (8D-1300R)	210	440	1300	510	275	238	STD	E	B0	Cal Cal
MT Mega Power Silver											
0092S47094	125D31L	100	180	790	305	172	222	STD	A	B7	Cal Sil
0092S47095	125D31R	100	180	790	305	172	222	STD	B	B7	Cal Sil

M Series - Marine Specifications

Bosch Part Number	Short Order Part Number	20Ah Rate	RC	CCA	Length (mm)	Width (mm)	Total Height (mm)	Terminal	Term Layout	Base hold down	Technology
M4											
0092S47074	DC24	70	120	500	275	172	229	TM	B	B7	Cal Cal
0092S47075	DC27	80	145	570	320	172	229	TM	B	B7	Cal Cal
0092S47076	DC31	100	180	625	330	172	234	TM	G	B0	Cal Cal
0092S47057	HCM24-600	65	115	600	260	172	221	TM	R	B7	Cal Cal
0092S47054	HCM24-680	80	160	680	260	172	221	MRN	B	B7	Cal Cal
0092S47060	HCM27-750L	90	145	750	306	173	225	TM	L	B7	Cal Cal
0092S47058	HCM27-750	90	145	750	306	173	225	TM	R	B7	Cal Cal
0092S47055	HCM27-780	100	185	780	306	173	225	MRN	B	B7	Cal Cal
0092S47059	HCM31-830	100	180	830	330	172	230	TM	Center R	B0	Cal Cal
0092S47056	HCM31-900	100	180	900	330	172	230	MRN	Center R	B0	Cal Cal

A16 Battery Specifications

D Series - VRLA Specifications

Bosch Part Number	Short Order Part Number	20Ah Rate	CCA	Length (mm)	Width (mm)	Total Height (mm)	Terminal Type	VRLA Terminal Adaptor Kit Part Number	Technology
AGM Deep Cycle (Standby)									
0092L57141	BA6-4.5	4.5	-	70	47	106	T1	-	AGM Deep Cycle
0092L57142	BA6-12	12.0	-	151	51	100	T1	-	AGM Deep Cycle
0092L57143	BA12-2.9	2.9	-	79	56	105	T1	-	AGM Deep Cycle
0092L57144	BA12-5	5.0	-	151	53	99	T1	-	AGM Deep Cycle
0092L57145	BA12-5.8T1	5.8	-	90	70	107	T1	-	AGM Deep Cycle
0092L57147	BA12-7T2	7.0	-	151	65	99	T2	-	AGM Deep Cycle
0092L57162	BA12-5.8T2	5.8	-	90	70	107	T2	-	AGM Deep Cycle
0092L57163	BA12-9	8.6	-	151	65	99	T2	-	AGM Deep Cycle
0092L57164	BA6-7	7.0	-	151	34	100	T1	-	AGM Deep Cycle
0092L57165	BA12-12	12.0	-	151	98	101	T2	-	AGM Deep Cycle
0092L57166	BA12-14	14.0	-	151	98	101	T2	-	AGM Deep Cycle
0092L57170	BA12-7T1	7.0	-	151	65	99	T1	-	AGM Deep Cycle
AGM Deep Cycle Plus									
0092L57151	BAC12-20	21.4	380	181.5	77	166.5	T12	-	AGM Deep Cycle Plus
0092L57152	BAC12-26	27.8	380	166	175	125	T3	-	AGM Deep Cycle Plus
0092L57172	BAC12-28	28	-	164	125	175	T3-A	-	AGM Deep Cycle Plus
0092L57153	BAC12-33	35.4	400	195	130	182	T5	-	AGM Deep Cycle Plus
0092L57154	BAC12-55	59.0	450	228	137	216	T6	VRLATK M6	AGM Deep Cycle Plus
0092L57155	BAC12-75	80.4	650	259	168	214	T6	VRLATK M6	AGM Deep Cycle Plus
0092L57156	BAC12-100R	100.0	710	305	168	213	T6	VRLATK M6	AGM Deep Cycle Plus
0092L57157	BAC12-150	160.8	1080	483	170	238.5	T11	VRLATK M8	AGM Deep Cycle Plus
0092L57158	BAC12-200	214.4	1350	522	240	224	T11	VRLATK M8	AGM Deep Cycle Plus
0092L57171	BAC12-260	262	-	522	268	226	T11	VRLATK M8	AGM Deep Cycle Plus
0092L57159	BAC12-38FR	40.7	400	197	165	170	T6	VRLATK M6	AGM Deep Cycle Plus
0092L57160	BAC12-75FR	80.4	650	259	168	214	T6	VRLATK M6	AGM Deep Cycle Plus
0092L57161	BAC12-120RFR	120.0	850	330	173	220	T11	VRLATK M8	AGM Deep Cycle Plus
Gel Deep Cycle									
0092L67000	BG12-38	38	-	197	165	170	T6	VRLATK M6	Gel Deep Cycle
0092L67001	BG12-70	70	-	259	168	214	T6	VRLATK M6	Gel Deep Cycle
0092L67002	BG12-100	96	-	330	173	218	T11	VRLATK M8	Gel Deep Cycle
0092L67003	BG12-135	140	-	485	170	240	T11	VRLATK M8	Gel Deep Cycle
0092L67004	BG12-200	200	-	522	240	224	T11	VRLATK M8	Gel Deep Cycle
0092L67005	BG12-240	240	-	522	268	226	T11	VRLATK M8	Gel Deep Cycle
Golf Cart Range - 6, 8 & 12V									
0092L57072	BG106	225	-	260	180	279.5	Right	-	MP Deep Cycle Power
0092L57073	BG876	170	-	260	180	279.5	Right	-	MP Deep Cycle Power
0092L57074	BG1275	150	-	328	180	279.5	Right	-	MP Deep Cycle Power

VRLA Terminal Adaptor Kits (M6 & M8)



10 Digit Part Number	Short Order Part Number	Kit (Unit Pack Qty)
0189999701	VRLATK M6	1 Kit (2 Terminals)
0189999702	VRLATK M8	1 Kit (2 Terminals)

A17 Battery Abbreviations & Layouts

Abbreviations

Hold Down

- B0: No bottom hold down
- B1: 2 bottom hold-downs 10.5mm high on long sides
- B3: 4 bottom hold-downs 10.5mm high on all four sides
- B4: 2 bottom hold-downs 19mm high on long sides
- B3/B4: B4 BHD available with adapter on long sides
- B7: 2 bottom hold-downs 9.7mm high on long sides
- B9: 4 bottom hold-downs 9.7mm high on long sides, 29mm on short sides

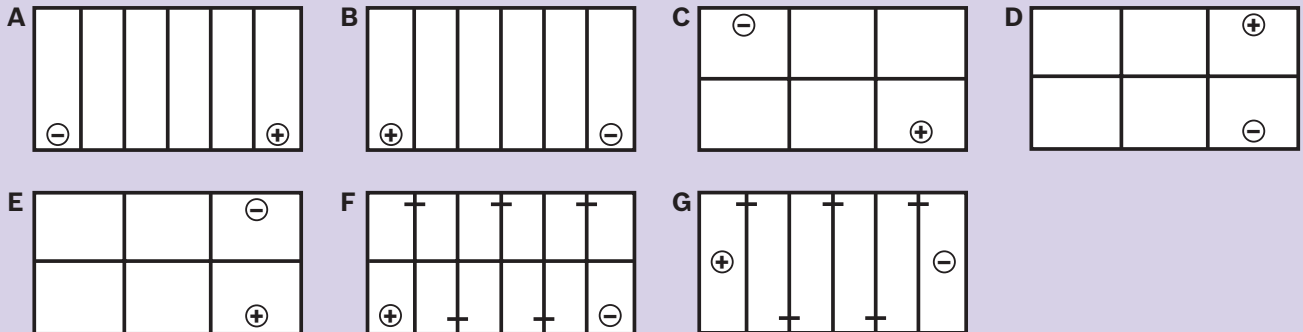
Terminal

- DF: Dual fit terminal
- SM: Small terminal
- STD: Standard terminal
- TM: Twin Marine
- LU: LUG
- BN: Bolt nut terminal
- TH: Threaded

Terminology

- AGM: Absorbent Glass Matt
- EFB: Enhanced Flooded Battery
- VRLA: Valve Regulated Lead Acid
- CCA: Cold Cranking Amps
- RC: Reserve Capacity
- Cal Cal: Calcium Calcium
- Cal Sil: Calcium Silver
- FF: Full Frame Grid Technology
- HCM: High Cycle Marine

Battery Layout



Terminal

STD



SM



LU



TM



TH



DF



A18 Technical Information

1. Introduction

The Technical Information section provides essential information on the operation, characteristics, design, handling and charging of lead-acid batteries as well as the correct procedures for using, stocking and maintaining batteries for road vehicles. In addition, it provides information on the main areas of care needed to be taken for the safety of staff who work with Bosch batteries.

1.1 Safety Warnings and Standards



Observe the information on the battery, refer to the battery type-specific Safety Data Sheet (SDS) and vehicle operating manual before use.



Corrosive Hazard:

- ▶ Battery acid is extremely corrosive.
- ▶ The acid can cause burns and blindness.
- ▶ Fumes may be harmful if inhaled and cause respiratory irritation.
- ▶ Under normal operation conditions, there should be no contact with the electrolyte (diluted sulphuric acid).
- ▶ Please note that when the battery casing of a battery with fixed electrolyte is destroyed or damaged, bound electrolyte in glass fibre mats or jellified electrolyte is as corrosive as when liquid.
- ▶ Wear eye protection and protective gloves.
- ▶ Charge or use battery only in a well-ventilated space.
- ▶ Do not tilt the battery permitting acid to leak out of vent openings



Explosion Hazard:

- ▶ An explosive gas mixture is formed when batteries are charged.
- ▶ Explosive gases can cause blindness and injury.
- ▶ Keep sparks, flames, lighted cigarettes or any ignition source away from battery.
- ▶ Avoid creating sparks when handling cables and electrical equipment as well as those caused by electrostatic discharge.
- ▶ Clean with damp cloth only; a dry cleaning cloth might become electrostatically charged and produce sparks.
- ▶ Avoid short circuits. Never connect the positive terminal to the negative terminal of the same battery. A short circuit can cause burns, fire or the explosion of the battery.



First Aid:

- ▶ Batteries contain Sulphuric Acid.
- ▶ In the event of contact with battery contents, remove contaminated clothing, flush contact area with large amounts of water and contact a physician immediately.
- ▶ If acid is swallowed, do not induce vomiting, give water to rinse mouth then provide liquid slowly and as much as casualty can comfortably drink. Contact Poisons Information Centre or physician immediately.



Transport:

- ▶ Batteries are classified as Dangerous Goods for land, air and sea transport.
- ▶ Placarding requirements may apply.
- ▶ Refer to Safety Data Sheet and applicable ADG, ICAO-IATA or IMDG codes.



Environmental Hazard:

- ▶ Battery contents are extremely toxic to aquatic life with long lasting effects.
- ▶ Avoid release of any battery contents to the environment.
- ▶ Clean up spills immediately.
- ▶ Never dispose of old batteries as household or general waste.
- ▶ Dispose of old batteries in accordance with local regulations.

Warnings:

- ▶ The enclosure becomes brittle with time. Do not expose batteries to direct sunlight.
- ▶ Discharged batteries can freeze so store in a place where they are protected from frost.

2. Battery Recharging Procedure

2.1 Battery Charging Indicators

- Charging of the battery is required when the:
 - Storage period is more than 6 months without charging.
 - Colour of state of charge (SOC) indicator turns black.
 - Battery open circuit voltage (OCV) is less than 12.4V.

Note: Using an automatic battery charger is recommended. Recharging with a constant current or voltage charger without any automatic switch off or switch over to another charge curve is not recommended.

2.2 Steps Prior to Charging

- Wear protective glasses whilst handling the battery.
- Do not carry out charging near fire or spark.
- Do not charge damaged or frozen battery.
- Boost charge is not recommended.
- If the battery has accessible screw-in plugs, check the electrolyte level in each cell and top up with distilled water if necessary.
- Do not switch on the charger until battery has been connected. Do not switch off the charger until charging is complete.

2.3 Steps prior to charging multiple batteries in series

- Position the batteries so that there is a space of at least 20mm between them.
- Only use batteries with the same capacity and same state of charge in the same circuit. This prevents the slightly discharged batteries from being overcharged when connected to the same circuit as a battery that needs a longer time to recharge.
- Batteries must always be connected in series, that is, the positive pole of a battery should be connected to the negative pole of the neighbouring battery, thus the positive pole of the first battery and the negative pole of the last battery will always be open.
- All of the batteries for recharging should have their density and/or open voltage checked, so that the batteries could be grouped (based on state of charge) for the purpose of placing them in the right circuit for the recharging process.

Warning: Never connect the positive pole to the negative pole of the same battery or in the same series, as this will cause a short circuit. Check that the connections (lugs) make good contact by twisting them slightly while pressing them onto the pole.

2.4 Recharging with a Constant Current

Only recharge with a constant current if unavoidable.

When recharging the battery with a constant current, the voltage will increase slowly during the recharging. Towards the end, the voltage increases rapidly and the process should be stopped at the voltage value limit.

Example: 45Ah battery.

Recharging Current: $45 \times 0.1 = 4.5\text{A}$ (10% of the nominal capacity of the battery).
The recharging time depends on the state of charge of the battery.

OCV in stable condition	State of charge	Battery capacity (20Ah)					
		35-40Ah	41-50Ah	51-65Ah	66-75Ah	76-90Ah	91-110Ah
12.5 - 12.59	70%	3Amps x 4hrs	4Amps x 4hrs	5Amps x 4hrs	6Amps x 4hrs	6Amps x 4hrs	7Amps x 4hrs
12.4 - 12.49	60%	3Amps x 6hrs	4Amps x 6hrs	5Amps x 6hrs	6Amps x 6hrs	6Amps x 7hrs	7Amps x 7hrs
12.3 - 12.39	50%	3Amps x 8hrs	4Amps x 8hrs	5Amps x 8hrs	6Amps x 8hrs	6Amps x 9hrs	7Amps x 10hrs
12.2 - 12.29	40%	3Amps x 10hrs	4Amps x 10hrs	5Amps x 10hrs	6Amps x 10hrs	6Amps x 12hrs	7Amps x 12hrs
12.1 - 12.19	30%	3Amps x 13hrs	4Amps x 12hrs	5Amps x 12hrs	6Amps x 12hrs	6Amps x 14hrs	7Amps x 15hrs
Below 12.09	20%	3Amps x 15hrs	4Amps x 14hrs	5Amps x 14hrs	6Amps x 14hrs	6Amps x 16hrs	7Amps x 17hrs

Warning: The battery temperature must not exceed 50°C during the recharging process.

Note:

- The above table shows approximate Ah and charging hours needed for recharging according to the battery capacity and the OCV under a constant current charging method. Accordingly, the Ah or the charging hours may be adjusted depending on the type and the state of the charged battery.
- Always charge the battery according to the amount of charge needed. Prolonged charging times, especially with a constant current, could cause the battery to become overcharged, causing an unnecessary loss of water in the process.
- Avoid quick charges that are done without controlling the temperature, current or time.
- Some batteries below 12.1V can be hard to re-charge due to the long time elapsed since the last re-charge. It is very difficult to recover its original performance.

2.5 Recharging with a Constant Voltage

When using this charging method, the initial current applied to the battery should be limited to 25A and the voltage to 14.4V.

The battery charging time will vary according to its state of charge, as shown in the table below:

Battery voltage when empty (volts)	Recharging Time (hours)
12.00 to 12.20	6 to 12
11.80 to 11.99	10 to 16
11.50 to 11.79	16 to 20
11.00 to 11.49	20 to 24
Deeply discharged batteries	24 to 30

Warning: the battery temperature must not exceed 50°C during the recharging process.

2.6 Actions During and After Recharging

▶ Electrolyte Temperature

The electrolyte temperature, hence the battery container temperature must not exceed 50°C. The recharging process should be stopped if this temperature is exceeded.

The process may be resumed once all batteries in the recharging circuit reach 45°C or less.

▶ Rest Time

We recommend waiting approximately 20 minutes to allow gases to dissipate before removing the leads from the batteries, as some chargers remain in a charged state and can generate sparks. Replace the vent caps and gas tubes if they were removed. Wash the battery using warm water and dry it.

3. Battery Usage and Defects

3.1 Jump Start

When performing a jump start using jumper cables, there can be bursts of high voltage of hundreds of volts when connecting/disconnecting the cables. If the vehicle's electrical system is not protected against such surges, they can cause damage to sensitive electronic components, like the ABS system, the airbags control units, etc.

Please follow the vehicle manufacturer's operating instructions!

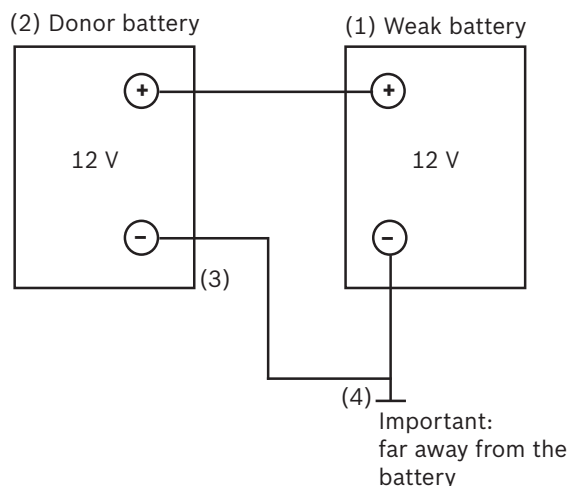
- ▶ Do not attempt to jump start a damaged battery.
- ▶ When giving starting aid with jumper cables, high voltage peaks of several hundred volts can occur when connecting the cables. If the vehicle electrical system is not protected from these peaks, they can damage sensitive electronic components.
- ▶ Only use standardised battery jumper cables. Only connect batteries of the same nominal voltage.
- ▶ Before giving starting aid, try to figure out the reason for the battery weakness. If the reason is a failure in the vehicle electrical system, starting aid should not be given. The battery or the

electric system of the vehicle giving starting aid might become damaged.

- ▶ **Warning:** Always protect your eyes and hands from the battery.

How to do it: 4 easy steps

1. Turn off both vehicle engines.
2. Connect the positive terminals (1) and (2) and then connect the charged battery's negative terminal (3) with a bare metallic point (4) away from the battery of the vehicle requiring assistance.
3. Start the engine in the vehicle providing assistance, followed by the engine in the vehicle. Limit cranking at 15 seconds.
4. Disconnect the cables in reverse order (4-3-2-1).



3.2 Battery Installation and Removal

Modern vehicles are equipped with sensitive electrical systems such as airbag controllers, ABS, stability and traction control units, onboard computers etc. For some vehicles, it is necessary to follow certain procedures in order to install or take the battery out of service. For example, the electrical components may require resetting after they have been turned off.

Please follow the vehicle manufacturer's operating instructions!

1. Switch off the engine and all electrical equipment before installing or removing the battery.
2. Install only batteries that are fully charged and undamaged.
3. Install the type of battery recommended for the particular vehicle.
4. Avoid causing short-circuits with tools or cables. After having installed the battery in the vehicle, remove the covers from the terminal poles just before connecting the cables to the terminals.

5. For removing, disconnect the negative terminal (-) first and then the positive terminal (+). Before installing the battery, clean the surface inside the vehicle. Fix the battery safely and securely. If the battery is not securely installed, it will be subjected to a larger degree of vibration which can reduce its service life. Friction between the battery container and the support area can cause damage and wear to the container. Also, the container can rupture, causing the electrolyte to leak out.
6. Clean the battery terminals and its lugs. When installing, connect the positive terminal (+) first, then the negative terminal (-). Check that the terminal lugs are firmly in place. Make use of the accessories from the previous battery such as hose connections, terminal supports and covers for terminals. Use the top-up caps supplied.
7. At least one vent must remain open to avoid the risk of an explosion.

3.3 Taking the Vehicle out of Service

When a vehicle is taken out of service (for example, when it is used only seasonally), charge up the battery and store it in a cool place. If it is necessary to leave the battery in the vehicle, disconnect the negative terminal. Check the OCV of the battery every two months. If the OCV is below 12.4V, recharge the battery.

3.4 Technical Information on Battery Problems

3.4.1 Manufacturing Defects Short Circuit / Dead Cell

If a battery has a service life that is less than 12 months, the problem is usually caused by a dead cell, that is, one of the cells has a density value that is much lower than the others. The affected cell bubbles visibly during the high-discharge test. To evaluate the density, a high-discharge test should be carried out. In some cases, the dead cell may be visible in the form of a sulphated cell.

Internal Breakage

The battery has good density values, but the voltage across the terminals cannot be measured.

3.4.2 Mishandling and Warranty Exclusion

The following technical problems are caused by mishandling the battery. Such cases are not subject to warranty.

Low State of Charge

A low state of charge is the first stage of deep discharge. With a low state of charge, the active

material will not have sustained any damage. The battery can still be charged with a standard charger.

The causes of a low state of charge are:

- ▶ A defective alternator.
- ▶ A low voltage output from the regulator.
- ▶ High contact resistances caused by loose cable connections or dirt on the cable terminals.
- ▶ Slack drive belts.
- ▶ Insufficient engine running time due to short journey times.
- ▶ Subsequent addition of electrical equipment.
- ▶ Defective equipment causing continuous discharge.

Deep Discharge

A battery suffers a deep discharge when its capacity is totally used up. The longer the battery remains in this state, the greater will be the damage done to the active material. The plates begin to suffer sulphation and recharging becomes impossible. This damage is irreversible.

Possible causes of deep discharge are:

- ▶ See 'Causes of Low State of Charge'
- ▶ Headlights or other electrical equipment are not switched off.

A battery in a good state of charge will usually have a load-free voltage >12.6V. Therefore, the voltage without charge for each cell is about 2.1V. If there is a short circuit in just a single cell, this will result in a reduction of about 2.1V of the terminal voltage, which would be a typical 'short-circuit' voltage of 10.5V. The likelihood of two cells within the same battery having a short circuit is very low. In the case of two cells with short circuits, the OCV drops by 4.2V to a value of 8.4V. In order to exclude the effects of long shipment and storage times on the terminal voltage, as well as the possibility of two cells with short circuits etc., only batteries with a load-free voltage lower than 8 volts are regarded as deeply discharged and a claim on warranty will be rejected.

Sulphation

If a battery is left in a discharged state for an excessive period of time, there will be a chemical reaction known as sulphation, which will certainly compromise its performance. During the discharge process, lead sulphate is generated on the positive and negative plates and distributed evenly among them. The longer the battery is left in a discharged state, the more the small sulphate crystals grow into larger crystals and it becomes very difficult to convert these back into lead dioxide. Sulphation can become visible in the form of a white/grey layer on the plates. In most cases,

this damage is irreversible and the battery cannot be used anymore.

Sulphation can either occur during storage or if the battery is installed in a vehicle (or equipment) that is not used for a long period of time. While in a vehicle, the battery is constantly drained by the clock, the alarm system, etc., resulting in a decrease in the level of charge of the battery and, after a certain period of time, sulphation of the plates. However, even a disconnected battery undergoes sulphation due to self-discharge.

The causes of sulphation can be summed up as follows:

- ▶ There is an excessive lapse of time between one recharging and the next.
- ▶ An engine starter battery is used for “deep cycles”. This type of battery is not resistant to deep discharges.
- ▶ The battery is undercharged or the charging and adjustment of levels is carried out incorrectly.
- ▶ Low electrolyte level: a battery plate exposed to air starts to experience sulphation immediately. Sulphation (lead sulphate) impedes the chemical reaction between the acid (electrolyte) and the active material (made up of lead) on the plates and it prevents normal operation of the battery. Even after recharging, the voltage will be low (< 12.4V), but, usually the cells will show equal values. Sulphation is not a manufacturing defect.

Acid Stratification

Acid stratification is a common cause of battery failure. In a stratified battery, the electrolyte is concentrated at the bottom and the top half of the cell has very little acid. Stratification takes place when the battery is kept with low charge (below 80%) and is never fully recharged. Short journeys that include the use of the windscreen wipers and electric heaters contribute to this phenomenon. Acid stratification reduces the general performance of the battery.

Figure 2 shows a normal battery in which the



Figure 1 – Picture of battery with deep discharge and sulphation

acid is distributed evenly from top to bottom.

This battery has good performance because the correct concentration of acid is distributed evenly over the plates. Figure 3 shows a stratified battery in which the acid concentration is light at the top and heavy at the bottom. A light acid limits the plate activation, speeds up corrosion and reduces the performance. On the other hand, high acid concentration at the bottom artificially increases the open circuit voltage. The battery seems to be fully charged, but it delivers low starting power. High acid concentration also results in sulphation and further reduces the already low conductivity. If this condition goes undetected, it will ultimately result in battery failure.

Fully recharging or shaking the battery tends to correct the problem.

Overcharging

Overcharging is often caused by an unsuitably high temperature in the engine compartment. Other than this, a defective voltage regulator is often another cause of overcharging. A high level of corrosion, loose particles of positive active material, damaged active material and high water consumption are characteristics of overcharging. A low level of electrolyte and a black layer on the filler caps are usually evidence for an overcharged battery. Excessive water consumption leads to an increase in electrolyte density. Also, a high temperature results in a lower internal battery resistance, causing an increase in the charge current and this increases the effect of overcharging.



Figure 2 – Without acid stratification

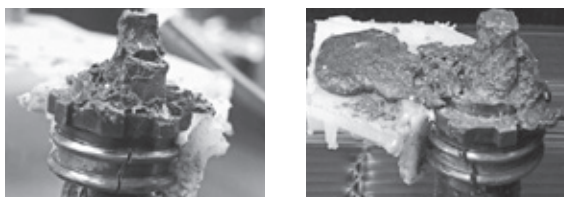


Figure 3 – With acid stratification

Physical Damage

The battery container and the terminals will suffer obvious damage if the battery is installed incorrectly, if the cables are wrongly connected or if the cables are hammered incorrectly into the terminals.

In addition, if the terminal poles are melted, this indicates that the battery has had a short circuit. (Figure 4 and Figure 5)



Figures 4 & 5 – Picture of a melted battery terminal

Incorrect Application

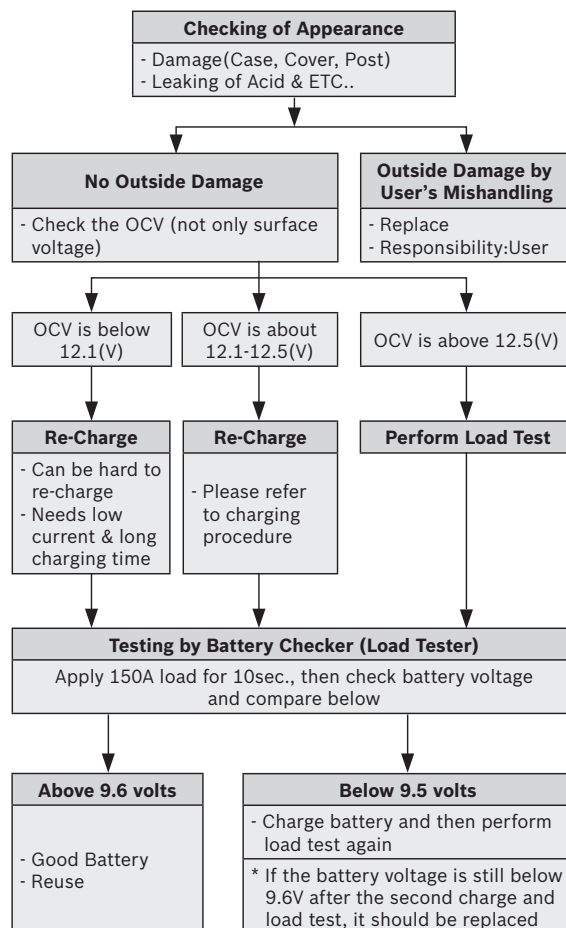
Batteries recommended by Bosch match or exceed the original equipment specifications. Choosing a battery of lower capacity or power will result in a shorter service life and premature battery failure. Usually, the result is a low charge level together with the effects described above.

Wear and Tear

During the charging and discharging cycle, the battery plate material (active material) moves about due to the electrochemical processes occurring. Every time that the battery undergoes a charging or discharging cycle, a small amount of active material comes loose from the plates. This normal aging process, caused by the charging and discharging cycles, results in a loss of battery capacity and, ultimately, the loss of its capacity to start the vehicle or power its equipment.

A battery has a finite number of cycles that it undergoes before losing its capacity. Vehicles that do a large number of short journeys, such as taxis, mini-cabs, trucks and buses, reach the maximum number of cycles in a shorter time than vehicles that do longer journeys. As a result, the batteries used in these types of vehicles may exhibit the above mentioned symptoms earlier than expected.

3.5 Checking for Malfunction by Load Tester



4. Inspection, Storage and Stacking

4.1 Inspection on Receipt of Goods

Before unloading the consignment of batteries, please check the details on the invoice against the goods delivered and your order details.

Check:

- ▶ The battery type.
- ▶ The quantities.
- ▶ Damaged batteries, batteries that were not transported in a horizontal position or those with leakage of electrolyte, should be rejected and sent back to the supplier, at the carrier's expense.

After unloading and before stocking the batteries, check:

- ▶ The age of the battery, calculating this from its date of manufacture.
- ▶ The open circuit voltage.
- ▶ Do a visual inspection (container, cover, terminals, charge indicator, colours, and labels).

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4.2 Storage

The batteries should be stored in a horizontal position on wooden palettes or racks (not tilted). Do not place them directly onto the ground, because small stones or sharp edges on the concrete floor can damage the battery container and cause leaks.

Batteries should be stored in a dry place and must not be exposed to direct sunlight. The storage temperature should be between 10°C and 35°C. Storage temperatures that are higher than this will result in greater water consumption, corrosion and self-discharge. The storage temperature must not exceed 35°C. The maximum period for storing decreases when batteries are stored at high temperatures.

4.3 Stacking

In order to avoid scratches and damage of labels, do not store unpackaged batteries on top of the other.

Always ensure that the instructions for stacking batteries are followed. Batteries up to 75Ah may be stacked in up to 5 tiers; batteries above 90Ah in up to 3 tiers and batteries above 150Ah in a maximum of 2 tiers. Do not remove the plastic shrink-wrapping. Use cardboard or polystyrene as an additional layer between the batteries. Do not stack batteries with their terminal poles protruding without taking special measures to protect these terminals and to ensure that the stack is stable.

Follow the First in / First out (FiFo) procedure strictly. Following the FiFo procedure means that the first battery stored in stock is also the first battery to leave.

Deep Cycle Charging, Maintenance & Storage

1. Maintenance - Charging Instructions

- 1.1 Before placing the battery on charge after it has been in service, check its water level. If the level is below the separators at the start of charge, add only enough distilled water to cover the separators.
- 1.2 Always check specific gravity and temperature readings before charging the battery. Correct specific gravity readings to 27°C.
- 1.3 If an automatic or taper-type charger is used, set the rate of charge according to the charger manufacturer's instructions.
- 1.4 Do not overcharge & do not undercharge. If the battery temperature reaches 50°C during the charging cycle, the charging rate should be lowered or interrupted until the battery has cooled to room temperature. Specific gravity readings should be corrected to 27°C. For each 10°C increment above 27°C add four points

to the hydrometer reading. E.g.: 37°C at 1.250 Sp. Gr. = 1.254 Sp. Gr. For each 10°C below 27°C, subtract four points from the hydrometer reading. E.g.: 17°C at 1.250 Sp. Gr. = 1.246 Sp. Gr.

1.5

Before charging, be sure that the electrolyte covers the top of the plates. If not, add distilled water to bring level to the top of plates. Do not overfill, as the electrolyte will expand during charging. Always replace vent caps before charging. After charging is complete, follow step six.

1.6

Do not overfill & do not underfill the battery. Fill each cell to approximately 3mm below the bottom of the extended vent tube. Overfilling the cells when adding distilled water results in the loss of electrolyte, lowering specific gravity and ampere hour capacity.

NOTE: never add acid to a battery—use only distilled water.

1.7

Keep battery tops dry and clean. A moist condition will result in electrical leakage across the battery to the metal hold-down clamp, causing corrosion build-up.

1.8

With vent caps firmly in place, periodically clean battery tops, hold-down bracket, and terminal connections with baking soda solution and a brush.

NOTE: protective gloves should be worn when undertaking this procedure.

1.9

Check all terminals and tighten firmly. Apply a thin coating of petroleum jelly to repel corrosion. Never allow a battery to stand unused in a discharged condition. After each use, no matter how short, the battery should be fully recharged. If the battery does not come up to full charge after following the correct charging procedure (as provided by the manufacturer of the charger used), check for low line voltage and/or a faulty charger. If charging problems persist, please contact the distributor/reseller from which the battery was purchased.

1.10

If the battery's performance is weak or slow while in service, the following checks should be performed:

- ▶ Using a hydrometer, take specific gravity readings of all cells. If readings are above 1.225 specific gravity, apply a load test to each individual battery using a load tester, following the manufacturer's recommended procedure and instructions. If the battery proves to be unserviceable, it should be replaced.

NOTE: do not apply load tester if cell readings are below 1.225 specific gravity.

A25 Marine Battery Charging, Maintenance & Storage

- 1.13** If the equipment being used contains multiple batteries, all batteries should be of approximately the same age.
- 1.14** If the temperature of the battery or the outside ambient temperature is below 15°C, the battery's performance and capacity will be reduced, and more charging time will be required.
- 2. Off-duty Storage**
- 2.1** If a battery is stored and not kept in regular service, it should be maintained as follows:
- ▶ Maintain at full rate of charge.
 - ▶ Store in a cool, dry place, ensuring the ambient temperature is not below 0°C and not above 27°C. A battery at 1.100 specific gravity will freeze at -7°C.
 - ▶ Ensure charging procedure is completed every 45 days, or whenever the measured specific gravity reading has dropped to 1.200, corrected to 27°C.
- 2.2** The battery will self-discharge when not in use. Approximate rates of discharge are indicated below:
- ▶ At 38°C: discharge rate = 3 pts in specific gravity per day.
 - ▶ At 27°C: discharge rate = 2 pts in specific gravity per day.
 - ▶ At 10°C: discharge rate = 0.5 pts in specific gravity per day.
 - ▶ At -1°C, discharge rate = 0.1 pts in specific gravity per day.
- Proper care and maintenance of batteries used in motive power service is the key to ensuring maximum performance, sustained trouble-free lifespan, and greatly-reduced equipment operating costs.

Marine Battery Charging, Maintenance and Storage

1. Helpful Tips

1.1 Maintenance

Sulphation is a major cause of battery failure in marine applications and is often created by very low voltage. Maintaining battery voltage is a must to ensure a safe day out on the water, so it pays to check your battery voltage prior to departure.

1.2 Keep it clean

Ensure the battery posts and terminals are clean and secure before every trip. The marine environment places additional demands on all equipment and basic maintenance can ensure these demands are adequately managed.

1.3 Off-season storage

Marine batteries that are not in use must be cared for as follows to extend the battery life and reliability:

- ▶ Charge up the battery and if it is necessary, leave the battery in the vessel and disconnect the negative terminal. Otherwise, remove the battery and store in a cool place. Check the OCV of the battery every two months. If the OCV is below 12.4V, recharge the battery.

For information on Battery charging refer to pg A10

A26 Voluntary Repair or Replacement

Warranty Robert Bosch (Australia) Pty Ltd

Automotive Aftermarket

Applicable for purchases of specified automotive aftermarket products after 1 February 2016

All Bosch automotive aftermarket parts are carefully checked, tested and are subject to the stringent quality controls of Bosch Quality Assurance.

Important Note: Consumer Protections

If you have purchased your product in Australia, you should be aware that:

*This warranty is provided **in addition to** other rights and remedies held by a consumer at law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.*

If you have purchased your product in New Zealand, you should be aware that:

This warranty is supplemental to any other rights and remedies you have under the *Consumer Guarantees Act 1993 NZ*, unless your purchase is made for commercial purposes, in which case Bosch excludes all consumer guarantees implied in the Consumer Guarantees Act 1993 NZ in respect of your product.

(A reference to “Bosch” in this Voluntary Repair or Replacement Warranty is a reference to Robert Bosch (Australia) Pty Ltd, unless from the particular context it is obvious that it is being used as a trade mark or brand name.)

Warranty

Bosch warrants, at its option, to repair or exchange those particular classes of automotive aftermarket products specified in the product table on the last page of this warranty (Products) if such Products are faulty or defective in manufacture or materials during the relevant Product warranty period.

This warranty is provided for the benefit of persons who purchase and fit the Products (“Workshops”), and of end-users of the Products, in Australia or New Zealand.

Repair or replacement under this warranty does not extend to repair or replacement, or any cost of replacement, of consumables or accessories incorporated into or supplied with the Products (for example, bearings or brushes).

This warranty only covers repair or replacement of the defective Products. It does not cover:

- any costs incurred by the Workshop or end-user in normal or scheduled maintenance of the Products; or
- any damage to property, personal injury, direct or indirect loss, consequential losses or other expenses arising from breach of this warranty. Any Workshop or end-user concerned with this exclusion should consider the “Important Note: Consumer Protections” above.

Warranty Periods

The warranty periods for the Products vary according to the particular class. The respective warranty periods are specified in the product table on the last page of this warranty.

In each case, the warranty commences with effect from:

- the date of purchase of the relevant Product by the Workshop or the end-user of the Product (as the case may be); or
- in the case of test equipment (excluding spare parts), the date of installation or three months after the date of purchase, whichever occurs earliest.

It ends at the expiration of the time indicated for the Product in the table at the end of this voluntary warranty or, in the case of a Product for which another measure is also specified to define the length of the warranty period (for example, number of kilometres), it ends at the expiration of the specified time period or at the time when such specified measure of use is reached – whichever occurs first.

A27 Voluntary Repair or Replacement

Warranty Robert Bosch (Australia) Pty Ltd

Automotive Aftermarket

Warranty Conditions

This voluntary warranty is subject to the following conditions:

- The warranty is not transferable and is only offered to the original Workshop or end user of the Product (as the case may be).
- Where a Product or part thereof is replaced or repaired under this voluntary warranty, the balance of the original voluntary warranty will apply. The replacement Product or product does not carry a new voluntary warranty.
- The warranty does not extend to any Products that have been completely or partially disassembled.
- These warranty terms cannot be amended except in writing by an authorised officer of Bosch.
- The warranty only applies to Products purchased by a Workshop or an end-user in Australia or New Zealand from Bosch or from a reseller where the Products have been originally sold by Bosch.
- Any claim made under this voluntary warranty must meet the requirements set out below in the “How to Make a Warranty Claim” section.

Warranty Exclusions

This warranty will not apply to a defect or fault to the extent to which it arises:

- due to storage, handling or installation of the Products otherwise than in accordance with instructions provided for the Products by Bosch or without reasonable care;
- due to operation, use or maintenance of the Products otherwise than in accordance with instructions provided for the Products by Bosch or without reasonable care;
- due to accidental damage or to use of the Products for a purpose or in environmental conditions for which the Products were not designed or sold, or use of the products outside the specified or normal operating ranges for such Products;
- as a result of changes which occur in the condition or operational qualities of the Products due to climate or other environmental influence, foreign material contamination or water entry or as a result of exposure to excessive heat or solvents;
- from normal wear and tear or when replacement or repair of parts would be part of normal maintenance or service of the Products (for example, bearings or brushes) or where the damage is only to surface coating, varnish or enamel;
- as a result of repairs, alterations or modifications to the Product which have been performed by a third party;

- from the use of any spare parts not manufactured, sold or approved by Bosch in connection with the repair or replacement of Product, or
- as a result of any other defective or malfunctioning parts in the vehicle in which the Product has been installed.

This voluntary warranty does not apply to damage caused by continued use of a Product after it is known, or would have been known with regular servicing, it is defective.

Wrong Deliveries and Transit Damage

Wrong deliveries, incorrect or damaged packing and transit damage claims are not warranty claims. Such cases should be directed to Bosch’s Customer Service line in Australia on 1300 307 040 or in New Zealand on 0800 452 896.

How to Make a Warranty Claim

If a Product fails within the warranty period, the Workshop or the end-user must stop fitting or using the Product or the vehicle in which the Product is stored (as the case may be) until the Product is returned or made available for assessment.

The Product must be returned to the place of purchase (which in the case of a fault or defect identified after installation, may be the Workshop which fitted the Product) for assessment before the end of the Warranty Period (see Deadlines for Submitting Warranty Claims below).

Where this is not practicable, or further warranty support is required, please call Bosch on 1300 307 040 (within Australia) or 0800 452 896 (within New Zealand). Alternatively, for claims in Australia, you can post details of your claim to Robert Bosch (Aust) Pty Ltd, Attn AA Warranty Department, Locked Bag 66, Clayton Sth, 3169. Claims received by post will take longer to process and we encourage you to call us first. Bosch may refer you to one of its Bosch Warranty Authorised Service Dealers.

A28 Voluntary Repair or Replacement

Warranty Robert Bosch (Australia) Pty Ltd

Automotive Aftermarket

In all cases, the Workshop or end-user must provide proof of purchase, and any other details or evidence reasonably requested by Bosch or the supplier of the Product to substantiate the warranty claim.

Costs of Submitting a Warranty Claim

For invalid claims under this voluntary warranty, Bosch will not be liable for the end user's or the Workshop's costs in making the warranty claim, including transport or return freight.

In respect of valid claims under this voluntary warranty, the Workshop or the end user (as the case may be) will not be charged for costs associated with making a warranty claim, including warranty processing costs, the cost of replacement parts or freight. Reimbursement for necessary and reasonably incurred costs or expenses in making valid warranty claims under this manufacturer's warranty may be sought from Bosch. To enquire how to make a claim for reimbursement for costs incurred in submitting a warranty claim, please call 1300 307 040 in Australia or 0800 452 896 in New Zealand. Documentary evidence in support of such claim will be required.

Deadlines for Submitting Warranty Claims

Bosch aims to rectify genuine quality problems as a priority. This is generally achieved by investigating why defective products have failed and by introducing immediate corrective action measures to prevent re-occurring warranty failures. It is therefore critical that all warranty claims are promptly submitted to Bosch by the end of the warranty period. Bosch requests however that returns are made no later than 30 days after becoming aware of any defect or in order to assist Bosch to maintain its strict quality controls.

Packaging

Products do not need to be returned with the original packaging to make a warranty claim.

Product Liability and Product Safety

Bosch should be informed immediately about any potential product safety concerns within and outside the warranty period. Bosch is well aware of its product liability and product safety obligations and responsibilities. It is Bosch's aim to ensure appropriate product safety standards are met in order to avoid injury, loss and damage caused by defects in any Products.

Privacy

Bosch is required (or in the case of a Workshop, may be required) to seek personal information from an end-user or Workshop who seeks to make a claim under this warranty.

Such personal information may be used by Bosch and/or any service dealer who is authorised to process warranty claims and/or carry out warranty repairs on behalf of Bosch ("Warranty Authorised Service Dealer") for the purpose of processing such warranty claim and also for the provision of customer support and further information about Bosch's products and services (Purpose).

If an end-user or Workshop does not wish to provide Bosch and/or its Warranty Authorised Service Dealer with personal information, Bosch may be unable to process the end-user's or Workshop's warranty claim or to provide the end-user or Workshop with additional customer support, services and information.

Bosch is committed to protecting the privacy of personal information and will act in compliance with applicable privacy laws, including the National Privacy Principles under the Australian Privacy Act 1988 (Cth) (as amended) and New Zealand's Information Privacy Principles described in the Privacy Act 1993 (NZ).

Bosch takes security measures in order to protect any personal information collected in the warranty claim process against manipulation, loss, destruction, access by unauthorized persons or unauthorized disclosure.

Bosch will not disclose any personal information to third parties other than for the Purpose or except as required by law.

An end-user or Workshop has the right to access the personal information Bosch or its Warranty Authorised Service Dealers hold about them. The end-user or Workshop can request to see, change or modify the personal information held about them, or withdraw consent for its usage, by contacting Bosch at the Bosch Contact Details below.

A29 Voluntary Repair or Replacement

Warranty Robert Bosch (Australia) Pty Ltd

Automotive Aftermarket

Bosch Contact Details

This warranty is offered by Robert Bosch (Australia) Pty Ltd (ACN 004 315 628) of 1555 Centre Road, Clayton, Victoria 3168. Please call Robert Bosch (Australia) Pty Ltd on 1300 307 040 if in Australia or 0800 452 896 in New Zealand if you have any queries in relation to this warranty.

Bosch Product List and Respective Warranty Periods

The following is a list of the classes of products sold by Bosch which are covered by this voluntary warranty, and the warranty periods which apply in each case. The warranty period is subject otherwise to the specific terms referred to in the main body of the warranty under the heading "Warranty Periods".

Battery Technology	Product Segment	Passenger Vehicle & SUV (Private use ONLY, Excluding "4WD")	4WD (Excluding "Auxiliary" Batteries)	Truck/Commercial & Industrial	Taxi (Inc Hire car/ Uber)	Marine/Deep Cycle (Inc VRLA)
Sealed Maintenance Free	SM Mega Power Plus (S4) SM Mega Power Silver (S5)	36 Months	12 Months	12 Months	3 Months	-
Sealed Maintenance Free	SMT Mega Power Plus (T4) SMT Mega Power Silver (T5)	36 Months	12 Months	12 Months	-	-
EFB - Enhanced Flooded Battery	ST Hightec EFB	24 Months	18 Months	12 Months	3 Months	-
AGM - Absorbed Glass Mat	ST Hightec AGM	24 Months (Stop/Start) 36 Months (Normal use)	18 Months	12 Months	3 Months	-
Deep Cycle (Inc HCM)	Deep Cycle & High Cycle Marine (M4, M5)	-	-	12 Months	-	24 Months High Cycle Marine/ 12 Months Deep Cycle & VRLA

B1 Vehicle Application Listing

How to use this catalogue

B2 | ALFA ROMEO

⑧ ? ⑨ OEM Equivalent ⑩ PREMIUM Upgrade

Vehicle Make	Vehicle Model	Vehicle Series	Vehicle Production Date	Number of Cylinders	Engine Capacity/Litres	Engine Code	Special Cases	OEM Equivalent	Premium Upgrade
ALFA ROMEO	Alfa 33	907A	01.90-03.92	4	1.7	AR30737 <M6>; AR30746 <M8>		55066	
		907B	01.90-10.94	4	1.7	AR30747 <M9>		55066	
	Alfa 75	162	02.86-02.92	6	2.5	AR 01911 KAT <M1>		55457	560.060
			01.87-02.92	4	2.0	AR 06166 KAT <M11>; AR 06224 <M10>		55457	560.060
				6	3.0	AR 06120 <M2>; AR 06124 KAT <M3>		55457	560.060
	Alfa 90	162	02.06-12.98	6	2.5	AR 01911		55457	560.060
	Alfa 147	937	11.06-12.10	4	2.0	AR 32310 <M10>		56219	
			03.06-12.10	4	1.9	937 A5.000 <M92> (Diesel)		56638	574.068
			10.07-12.10	4	1.9	937 A.6000 <M94> (Diesel)		575.068	
	Alfa 156	932	09.97-10.05	4	2.0	AR 32301 <M3>; AR 32310 <M11>; AR 32310 <M20>; 937 A1.000 <M10>		56219	
			01.02-10.05	6	2.5	AR32405 <M15>		56219	
			03.02-10.05	6	3.2	932A.000 <M20>		574.068	
	Alfa 159	939	06.05-12.08	5	2.4	939 A3.000 <M95> (Diesel)		574.068	
			12.05-12.08	6	3.2	939 A.000 <M61>		574.068	
	Alfa 164	164	04.88-09.92	6	3.0	AR 06412 <M4>; AR 64301 <M5>		56219	
	Alfa 166	936	10.98-10.07	6	3.0	AR 34301 <M15>; AR 36101 <M17>		574.068	
	Giulietta	940	05.10-12.13	4	1.7	940 A1.000		560.060	
			05.10-12.18	4	1.4	940 A2.000 <MultiAir>	MultiAir	LN2-AGM	
	Giulietta 1.8 TBI	940	07.13-12.18	4	1.8	940 B2.000		560.060	
	GT	937	10.03-12.10	4	2.0	937 A1.000 <M5>		56219	
				6	3.2	936A000 <M10>		56219	
	GTV	916	04.95-04.98	4	2.0	AR 16201 <M1>		56219	
			05.98-12.05	6	3.0	AR 16102 <M4/M7>; AR 16105 <M7>		56219	
			08.00-12.05	4	2.0	AR 32310 <M6>; 937 A1.000 <M8>		56219	
			04.03-12.05	6	3.2	936A6.000 <M9>		56219	

* Bosch recommend the use of a diagnostic tool (E.g. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management Systems.

Bosch Automotive Aftermarket 2021

- ① Vehicle make
- ② Vehicle model
- ③ Vehicle series
- ④ Vehicle production date
- ⑤ Number of cylinders
- ⑥ Engine capacity/Litres
- ⑦ Engine Code
- ⑧ Special cases
Refer page B149
- ⑨ OEM Equivalent
- ⑩ Premium Upgrade

This catalogue contains data from the vehicles, engines and equipment for the Australian market from the year of manufacture 1990 up to and including October 2020. This data has been assembled from information provided by manufacturers and importers, Bosch documentation as well as from investigations made on vehicles as at the date of publication. It reflects the status as at October 2020.

Whilst every care has been taken in the preparation of this catalogue, it is not possible for Bosch to guarantee its sources or to avoid discrepancies caused by technical changes to vehicles, engines and equipment due to the conditions and regulations applying in Australia and New Zealand. Except in respect of any implied warranties which cannot be excluded by law, Bosch does not make any representation or warranty as to the accuracy, completeness or suitability of the information in this catalogue.

Bosch reserves the right to alter specifications and its product range without notice.

To the extent permitted by law, Bosch is not liable for any loss or damage whatsoever (including special, direct, consequential or incidental damages for loss of profits or loss of revenue) arising out of or relating to this catalogue whether arising in tort, contract, under statute, at law or otherwise.

Before relying on this catalogue, users may wish to carefully evaluate the information for their purpose and obtain further advice relevant to their circumstances. From time to time, Bosch may (at its discretion) issue bulletins containing updates to this information to which users of this catalogue should have regard.



ALFA ROMEO

Alfa 33

907A	01.90 - 03.92	4	1.7	AR30737 <M6>; AR30746 <M8>	55066	
907B	01.90 - 10.94	4	1.7	AR30747 <M9>	55066	

Alfa 75

162	02.86 - 02.92	6	2.5	AR 01911 KAT <M1>	55457	560.060
	01.87 - 02.92	4	2.0	AR 06166 KAT <M11>; AR 06224 <M10>	55457	560.060
		6	3.0	AR 06120 <M2>; AR 06124 KAT <M3>	55457	560.060

Alfa 90

162	02.86 - 12.90	6	2.5	AR 01911	55457	560.060
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Alfa 147

937	11.00 - 12.10	4	2.0	AR 32310 <M10>	56219	
	03.06 - 12.10	4	1.9	937 A5.000 <M92> (Diesel)	56638	574.068
	10.07 - 12.10	4	1.9	937 A.6000 <M94> (Diesel)	575.068	

Alfa 156

932	09.97 - 10.05	4	2.0	AR 32301 <M3>; AR 32310 <M11>; AR 32310 <M20>; 937 A1.000 <M10>	56219	
	01.02 - 10.05	6	2.5	AR32405 <M15>	56219	
	03.02 - 10.05	6	3.2	932 A.000 <M20>	574.068	

Alfa 159

939	06.05 - 12.08	5	2.4	939 A3.000 <M95> (Diesel)	574.068	
	12.05 - 12.08	6	3.2	939 A.000 <M61>	574.068	

Alfa 164

164	04.88 - 09.92	6	3.0	AR 06412 <M4>; AR 64301 <M5>	56219	
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Alfa 166

936	10.98 - 10.07	6	3.0	AR 34301 <M15>; AR 36101 <M17>	574.068	
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Giulietta

940	05.10 - 12.13	4	1.7	940 A1.000	560.060	
	05.10 - 12.18	4	1.4	940 A2.000 <MultiAir>	LN2-AGM	

Giulietta 1.8 TBi

940	07.13 - 12.18	4	1.8	940 B2.000	560.060	
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GT

937	10.03 - 12.10	4	2.0	937 A1.000 <M5>	56219	
		6	3.2	936A000 <M10>	56219	

GTV

916	04.95 - 04.98	4	2.0	AR 16201 <M1>	56219	
	05.98 - 12.05	6	3.0	AR 16102 <M4/M7>; AR 16105 <M7>	56219	
	08.00 - 12.05	4	2.0	AR 32310 <M6>; 937 A1.000 <M8>	56219	
	04.03 - 12.05	6	3.2	936A6.000 <M9>	56219	

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.



Spider					
916	04.95 - 04.98	4	2.0	AR 16201 <M1>	56219
		6	3.0	AR 16101 <M2>	56219
	08.00 - 03.03	6	3.0	AR 16105 CF3 <M7>	56219
	08.00 - 02.06	4	2.0	AR 32310 <M6>	56219
	04.03 - 02.06	6	3.2	936A6.000 <M9>	56219

159 1.8 TBi					
939	05.09 - 11.11	4	1.8	939 B1.000 <M66>	560.060

ASIA (ASIA MOTORS)

Rocsta					
CA	05.93 - 01.98	4	2.2	R2 <SOHC> (Diesel)	22NF-330D

Rocsta AWD					
CA	09.91 - 12.98	4	1.8	SOHC	22NF-330D

ASTON MARTIN

DB7					
	03.94 - 02.99	6	3.2	AJ6 Kompressor	574.068
	03.99 - 08.02	12	5.9		60038

DB9					
	01.04 - 12.07	12	5.9		60038

DB9 Volante 5.9					
	03.13→	12	5.9		LN5-AGM

DB9 5.9					
	03.13→	12	5.9		LN5-AGM

Rapide S					
	03.13→	12	5.9		LN5-AGM

Vanquish					
	09.04 - 08.07	12	5.9	AM4R9	60038

Vanquish 5.9 Coupe					
	03.13→	12	5.9		LN5-AGM

Vantage					
	10.92 - 12.99	8	5.3	V8	110D26R
	04.07 - 09.08	8	4.3	AM6U5	60038
	06.11→	8	4.7	V8	60038

Vantage V8 Roadster					
	09.12→	8	4.7	V8	60038

Volante					
	09.90 - 12.95	8	5.3		110D26R





AUDI

A1

8X	05.10 - 04.15	4	1.4	CAXA <D4X/TU0>		56219
						LN3-AGM

A1 1.0 TFSI Sportback

8X	03.15 - 10.18	3	1.0	CHZB <D16/TJ4>		58014	560.060
					EFB	LN2-EFB	

A1 1.4 TFSI Sportback

8X	11.11 - 04.15	4	1.4	CAVG <DP4>		LN3-AGM	
				CAXA <D4X/TU0>	EFB	LN4-EFB	
	11.14 - 10.18	4	1.4	CZCA <D33/TL1>		560.060	

A1 1.8 TFSI Sportback

8X	02.15 - 10.18	4	1.8	DAJB <D10/TA8>		58014	560.060
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A3

8L1	09.96 - 04.02	4	1.6	AEH; AVU		55066	
	09.96 - 06.03	4	1.8	AGN; AGU; APG; APP; AUM		56219	
	05.02 - 06.03	4	1.6	BFQ		56219	
8P1	05.03 - 05.05	4	1.6	BGU		56219	
	05.03 - 06.08	4	2.0	BKD <D3X/T9G> (Diesel)		574.068	
	01.04 - 10.05	4	2.0	BLX; BLY; BMB		56219	
8PA	09.04 - 01.05	4	2.0	BLX		56219	
	09.04 - 10.05	4	2.0	AXX		56219	
	09.04 - 06.08	4	2.0	BKD <D3X/T9G> (Diesel)		574.068	
	06.05 - 08.12	4	1.6	BSE <MW6>	EFB	LN3-EFB	
				BSF <MW6>		55066	
	11.05 - 05.10	4	1.9	BLS <D3W/TG0> (Diesel)		574.068	
	03.06 - 06.08	4	2.0	BMN <DOM/TN0> (Diesel)		574.068	
						LN3-AGM	
	06.07 - 06.08	4	1.8	BZB <D67>	EFB	LN3-EFB	
	06.07 - 08.12	4	1.4	CAXC <D33>	BWD,	LN3-AGM	
				EFB	LN3-EFB		
07.08 - 08.12	4	1.8	CDAA <D67/TE6>		560.060		
				EFB	LN3-EFB		
11.09 - 03.13	4	1.6	CAYC <D38/TF3> (Diesel)	BWD,	LN3-AGM		
			2.0	CFFB <D91/TL4> (Diesel)		575.068	
				CFGB <D93/TL4> (Diesel)		LN3-AGM	
8V1, 8VK	05.13 - 08.16	4	1.8	CJSB <DF4/TA8>		LN3-AGM	
8VS, 8VM	09.13 - 05.14	4	1.4	CPTA <DF6/TK8>		LN3-AGM	

A3 Cabriolet

8P7	01.09 - 05.13	4	1.8	CDAA <D67/TE6>		560.060	
			2.0	CCZA <D2L/TD6>		560.060	


















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A3 Quattro								
8L1		08.97 - 08.00	4	1.8	AGN; AGU			56219
8P1		07.03 - 08.04	6	3.2	BDB			58014
8PA		09.04 - 10.05	4	2.0	AXX			56219
8P1		09.04 - 10.05	6	3.2	BMJ			574.068
8PA		09.04 - 05.09	6	3.2	BMJ; BUB <D6D>			574.068
		07.08 - 03.13	4	2.0	CCZA <D2L/TD6>			560.060
8V1, 8VK		11.13 - 08.16	4	1.8	CJSB <DF4/TA8>			LN3-AGM
A3 1.4 TFSI								
8V1, 8VK		04.12 - 08.13	4	1.4	CMBA <D4X/TL1>			LN3-AGM
		01.13→	4	1.4	CPTA <DF6/TK8>	EFB		LN3-EFB
		05.14 - 08.16	4	1.4	CZCA <D33/TL1>			LN3-AGM
								575.068
A3 1.4 TFSI Cabriolet								
8V7, 8VE		05.14→	4	1.4	CZEA <DG6/TK8>			575.068
A3 1.4 TFSI Limousine								
8VS, 8VM		05.14→	4	1.4	CZEA <DG6/TK8>			LN3-AGM
A3 1.4 TFSI Sportback								
8VA, 8VF		05.14 - 08.16	4	1.4	CZCA <D33/TL1>			LN3-AGM
A3 1.4 TFSI Sportback e-tron								
8VA, 8VF		05.14→	4	1.4	CUKB <DP2/TH8>	EFB		LN3-EFB
A3 1.8 T								
8L1		05.00 - 06.03	4	1.8	AUQ			560.060
A3 1.8 TFSI quattro								
8V1, 8VK		08.12 - 08.16	4	1.8	CJSB <DF4/TA8>	EFB		LN3-EFB
A3 1.8 TFSI Sportback quattro								
8VA, 8VF		05.13 - 08.16	4	1.8	CJSB <DF4/TA8>	EFB		LN3-EFB
A3 2.0 FSI								
8P1		05.03 - 05.04	4	2.0	AXW <D2T/T58>			560.060
		01.05 - 10.05	4	2.0	BLR <D2Z/T58>			560.060
A3 2.0 TFSI Limousine quattro								
8VS, 8VM		05.16→	4	2.0	CZPB <DQ6/ TD3>	EFB		LN3-EFB
A3 2.0 TFSI Sportback quattro								
8VA, 8VF		05.16→	4	2.0	CZPB <DQ6/ TD3>	EFB		LN3-EFB
A4								
8D2, B5		11.94 - 07.98	4	1.8	AEB			56219
			6	2.6	ABC			56318 575.068
		11.94 - 04.99	4	1.8	ADR			54316
		03.96 - 06.00	6	2.8	ACK; APR			574.068
		08.97 - 07.98	6	2.4	AGA; ALF			574.068
		08.97 - 12.98	4	1.8	AJL			54316
		08.98 - 07.99	6	2.4	APS			574.068



							
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8D2, B5	06.00 - 10.00	6	2.4	AMM		56638	574.068
8E2, B6	12.00 - 12.04	4	2.0	ALT		56219	
		6	3.0	ASN; BBJ		574.068	
	09.01 - 12.04	6	2.4	BDV		56219	
8H7, B6	04.02 - 12.05	4	1.8	BFB		56219	
	04.02 - 12.06	6	3.0	BBJ		60038	
8E2, B6	07.02 - 12.04	4	1.8	BFB		56219	
8EC, B7	11.04 - 05.05	4	2.0	BLB (Diesel)		574.068	
	11.04 - 05.06	6	3.0	BBJ		60038	
	01.05 - 06.08	6	3.2	AUK		60038	
8HE, B7	01.06 - 12.09	6	3.2	AUK		60038	
8K2, B8	11.07 - 03.12	4	2.0	CAGA <D92> (Diesel)		574.068	
					BWD, 	LN3-AGM	
				CAGB <D94> (Diesel)	BWD, 	LN3-AGM	
		6	2.7	CAMA <D4V> (Diesel); CGKA <D4V> (Diesel)		574.068	
	06.08 - 05.13	4	2.0	CDNB <D64>		575.068	
	11.09 - 12.15	4	2.0	CFKA <D64>		LN3-AGM	
A4 Allroad 2.0 TDI							
8KH, B8	03.12 - 04.16	4	2.0	CGLD <D95> (Diesel)		575.068	
	01.14 - 05.16	4	2.0	CNHA <DE5> (Diesel)		560.060	
A4 Avant							
8D5, B5	11.94 - 07.98	6	2.6	ABC		574.068	
	11.94 - 04.99	4	1.8	ADR; AEB		56219	
	03.96 - 07.98	6	2.8	ACK		574.068	
	08.97 - 07.98	6	2.4	AGA		56219	
	08.97 - 09.01	4	1.8	AJL; APU		54316	
	08.98 - 06.00	6	2.4	APS		56219	
	06.00 - 09.01	6	2.4	AMM		56638	574.068
8E5, B6	09.01 - 12.04	4	2.0	ALT		56219	
	07.02 - 12.04	4	1.8	BEX; BFB		56219	
8ED, B7	11.04 - 06.08	4	2.0	ALT; BRE (Diesel)		574.068	
8K5, B8	04.08 - 03.12	4	2.0	CAGA <D92> (Diesel)		574.068	
					BWD, 	LN3-AGM	
	06.08 - 05.13	4	2.0	CDNB <D64>		575.068	
				CDNC <D2D>	BWD, 	LN3-AGM	
A4 Avant Avant							
8K5, B8	06.08 - 03.12	6	2.7	CGKA <D4V> (Diesel)		574.068	
A4 Quattro							
8D2, B5	11.94 - 07.98	6	2.6	ABC		574.068	
	11.94 - 10.00	4	1.8	ADR; AEB; AJL		56219	
	03.96 - 07.98	6	2.8	ACK		574.068	
	08.97 - 07.98	6	2.4	AGA		574.068	
	02.99 - 06.00	6	2.8	APR		574.068	

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8D2, B5		02.99 - 10.00	6	2.4	APS		56638	574.068
8E2, B6		12.00 - 12.04	6	3.0	ASN; BBJ		574.068	
8EC, B7		11.04 - 05.06	6	3.0	BBJ		60038	
		09.05 - 06.08	4	2.0	BWE		574.068	
		01.06 - 06.08	6	3.0	ASB <D1D/T41> (Diesel)		574.068	
8K2, B8		01.08 - 03.12	6	3.2	CALA <D6W>		575.068	
		06.08 - 05.13	4	2.0	CDNC <D2D>	BWD, 	LN3-AGM	
8K5, B8		01.13 - 12.15	4	2.0	CNCD <DF7>		LN4-AGM	
A4 Quattro Avant								
8D5, B5		11.94 - 07.98	6	2.6	ABC		574.068	
		11.94 - 09.01	4	1.8	ADR; AJL		56219	
		03.96 - 07.98	6	2.8	ACK		574.068	
		08.98 - 09.01	6	2.4	APS		56638	574.068
8E5, B6		09.01 - 06.02	4	1.8	AVJ		56219	
8ED, B7		11.04 - 08.05	4	2.0	BGB		574.068	
8K5, B8		06.08 - 05.13	4	2.0	CDNC <D2D>	BWD, 	LN3-AGM	
A4 1.8 T Avant quattro								
8E5, B6		09.01 - 01.05	4	1.8	AMB		560.060	
A4 1.8 T quattro								
8E2, B6		09.01 - 08.05	4	1.8	AMB		560.060	
A4 2.0 TDI								
8K2, B8		11.11 - 07.13	4	2.0	CJCA <D92> (Diesel)		575.068	
A4 3.0 TFSI quattro								
8K2, B8		01.12 - 12.14	6	3.0	CMUA <D08>		LN5-AGM	
A5								
8T3		06.07 - 03.12	6	3.2	CALA <D6W>	BWD	610.095	
		09.08 - 06.14	4	2.0	CDNB <D64>	BWD	610.095	
						LN3-AGM		
8TA		01.09 - 06.14	4	2.0	CDNB <D64>		575.068	
A5 Cabriolet quattro								
8F7		03.09 - 03.12	6	3.2	CALA <D6W>	BWD	610.095	
		03.09 - 05.13	4	2.0	CDNC <D2D>		LN3-AGM	
A5 Coupe quattro								
8T3		03.08 - 03.12	6	3.0	CCWA <D50> (Diesel)	BWD	610.095	
A5 Quattro								
8T3		11.07 - 03.12	6	3.2	CALA <D6W>	BWD	610.095	
		06.08 - 05.13	4	2.0	CDNC <D2D>		LN3-AGM	
A5 Sportback Quattro								
8TA		09.09 - 03.12	6	3.0	CCWA <D50> (Diesel)		60038	
		09.09 - 05.13	4	2.0	CDNC <D2D>	BWD, 	LN3-AGM	
A5 2.0 TFSI Cabriolet quattro								
8F7		01.13 - 05.16	4	2.0	CNCD <DF7>		LN4-AGM	





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A5 2.0 TFSI Coupe quattro

8T3	01.13 - 05.16	4	2.0	CNCD <DF7>		LN4-AGM
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A5 2.0 TFSI Sportback quattro

8TA	01.13 - 05.16	4	2.0	CNCD <DF7>		LN4-AGM
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A6

4A2, C4	06.94 - 10.97	6	2.6	ABC		56318	574.068
			2.8	AAH		56318	574.068
4B2, C5	04.97 - 07.98	6	2.8	ACK		56638	574.068
	04.97 - 01.99	6	2.4	AGA		56638	
	11.98 - 04.01	6	2.4	APS		56638	574.068
				2.8	APR		56638
06.01 - 05.04	6	2.4	BDV		56219		
			3.0	ASN; BBJ		574.068	
4F2, C6	04.04 - 05.06	6	3.0	BBJ		58014	
	04.04 - 10.08	6	2.4	BDW		58014	
				3.2	AUK		58014
	06.05 - 08.11	4	2.0	BPJ <D6G>		58014	
	11.06 - 10.08	6	2.8	BDX		58014	
	10.08 - 08.11	4	2.0	CAHA <D93> (Diesel)		60038	
6				2.7	CANA <D4V> (Diesel)		60038

A6 Allroad 3.0 TDI

4G, C7	01.14 - 09.18	6	3.0	CRTE <DD5> (Diesel)		58014
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A6 Avant

4A5, C4	06.94 - 06.96	6	2.6	ABC		56638	574.068
4B5, C5	04.97 - 06.00	6	2.4	AGA; APS		56638	574.068
	02.98 - 07.98	6	2.8	ACK		56638	574.068
4BH, C5	05.00 - 05.03	6	2.5	AKE (Diesel)		60038	
4F5, C6	03.05 - 10.08	6	2.4	BDW		60038	
	06.05 - 08.11	4	2.0	BPJ <D6G>		58014	
4FH, C6	05.06 - 10.08	6	3.0	ASB <D1D/T41> (Diesel)		60038	

A6 Quattro

4A2, C4	06.94 - 10.97	6	2.6	ABC		56318	575.068
			2.8	AAH		56318	575.068
4B2, C5	04.97 - 05.01	6	2.8	ACK; APR		56638	574.068
	11.98 - 06.99	6	2.4	APS		56638	574.068
4B4, C5	04.99 - 05.01	8	4.2	ARS		56638	574.068
	06.00 - 05.04	8	4.2	ASG		574.068	
4B2, C5	06.01 - 06.02	6	2.7	ARE		574.068	
	06.01 - 05.04	6	3.0	ASN		574.068	
	07.02 - 05.04	6	2.7	BES		56638	
4F2, C6	04.04 - 05.06	6	3.0	BBJ		58014	
				BMK (Diesel)		60038	

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4F2, C6	04.04 - 10.08	6	3.2	AUK			58014	
							60038	
	04.04 - 08.11	8	4.2	BAT; BVJ <MN5>			58014	
	11.06 - 10.08	6	2.8	BDX			58014	
	10.08 - 08.11	6	2.8	CCEA <DB3>			60038	
			3.0	CDYA <D50/T41> (Diesel); CDYC <D50/T41> (Diesel)			60038	
10.08 - 09.11	6	3.0	CAJA <D12>			58014	60038	
A6 Quattro Avant								
4B5, C5	02.98 - 12.98	6	2.8	ACK			56638	574.068
	11.98 - 06.99	6	2.4	APS			56638	574.068
4BH, C5	05.00 - 06.02	6	2.7	ARE			60038	
	07.02 - 08.05	6	2.7	BES			56638	574.068
		8	4.2	BAS			60038	
06.03 - 08.05	6	2.5	BAU (Diesel)			60038		
4F5, C6	03.05 - 10.08	6	3.2	AUK			60038	
A6 1.8 TFSI								
4G, C7	01.14 - 09.18	4	1.8	CYGA <DS3>			58014	
A6 1.8 TFSI Avant								
4G, C7	09.14 - 09.18	4	1.8	CYGA <DS3>			58014	
A8								
4D2, D2	06.94 - 03.96	6	2.8	AAH			60038	
	07.95 - 01.99	8	3.7	AEW; AKJ			60038	
4E, D3	06.05 - 07.10	6	3.2	BPK			60038	
A8 Quattro								
4D2, D2	06.94 - 02.01	8	4.2	ABZ; AQF			60038	
4E, D3	11.02 - 05.06	8	3.7	BFL			56638	574.068
			4.2	BFM			56638	574.068
	01.04 - 07.10	6	3.0	ASB <D1D/T41> (Diesel)			60038	
	02.04 - 07.10	12	6.0	BHT			60038	
	06.05 - 07.10	6	3.2	BPK			60038	
	07.05 - 07.10	8	4.2	BVJ <MN5>; BVN (Diesel)			60038	
4H, D4	10.13 - 01.18	6	3.0	CTBA <DD7> (Diesel)			60038	
Cabriolet								
8G7, B4	01.93 - 09.98	4	2.0	ABK			56318	575.068
	01.94 - 08.00	6	2.6	ABC			56318	575.068
Q2 1.4 TFSI								
GAB	10.16→	4	1.4	CZEA <DG6/TK8>		EFB	LN3-EFB	
Q3 2.0 TDI quattro								
8U	01.12 - 04.15	4	2.0	CFFB <D91/TL4> (Diesel)			LN3-AGM	
	11.14 - 11.15	4	2.0	CUVC <DN4> (Diesel)			560.060	













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Q3 2.0 TFSI quattro							
8U	11.14 - 10.18	4	2.0	CULB			560.060
Q5							
8RB	11.08 - 09.10	4	2.0	CAHA <D93> (Diesel)	BWD		60038
	11.08 - 09.12	6	3.0	CCWA <D50> (Diesel)	BWD		610.095
				3.2	CALB <DC0>	BWD	
Q5 Quattro							
8RB	11.08 - 09.12	4	2.0	CDNC <D2D>			LN3-AGM
Q5 2.0 TFSI quattro							
8RB	06.12 - 05.16	4	2.0	CNCD <DF7>			60038
Q7							
4LB	03.06 - 05.10	8	4.2	BAR <T8T>; BTR <D1S> (Diesel)			60038
	08.06 - 08.15	6	3.0	BUG <D1D> (Diesel); CASA <D50> (Diesel);			60038
				CCMA <D50> (Diesel); CJTB <G1G>			
	03.07 - 05.10	6	3.6	BHK <D3B>			60038
	09.08 - 04.12	12	6.0	CCGA <D56> (Diesel)			60038
05.10 - 08.15	8	4.1	CCFC <D57> (Diesel)			60038	
Q7 3.0 TDI							
4LB	05.11 - 08.15	6	3.0	CRCA <D43> (Diesel)			LN5-AGM
4MB, 4MG	01.15 - 12.19	6	3.0	CRTC <DJ3/TS8> (Diesel)			LN3-AGM
RSQ3 Quattro							
8U	10.13→	5	2.5	CTSA <DR2>			LN4-AGM
RSQ3 2.5 TFSI quattro							
8U	01.15→	5	2.5	CZGA <D07>			LN4-AGM
RS4							
8D5, B5	05.00 - 09.01	6	2.7	ASJ; AZR			60038
RS6							
4B6	05.02 - 09.04	8	4.2	BCY; BRV			610.095
4B4	07.02 - 04.04	8	4.2	BCY			60038
RS7 Quattro							
4G, C7	05.13 - 02.15	8	4.0	CRDB <DH7>			LN5-AGM
R8 Quattro							
423	04.09 - 07.12	10	5.2	BUJ <D71>			60038
429	09.10 - 07.15	8	4.2	CNDA <DH6>			60038
R8 Spyder							
429	02.10 - 07.12	10	5.2	BUJ <D71>			60038
R8 4.2 FSI quattro							
423	09.10 - 07.15	8	4.2	CNDA <DH6>			60038



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R8 5.2 FSI quattro							
423	09.12 - 07.15	10	5.2	CTYA <D71>		60038	
R8 5.2 FSI Spyder quattro							
429	07.12 - 07.15	10	5.2	CTYA <D71>		60038	
S2							
8C2, B4	02.93 - 05.95	5	2.2	ABY		56318	575.068
S3							
8L1	08.98 - 08.00	4	1.8	APY		574.068	
	08.01 - 06.03	4	1.8	BAM		574.068	
8P1	11.06 - 06.08	4	2.0	BHZ; BZC		574.068	
	07.08 - 03.13	4	2.0	CDLC <D81/TA2>		575.068	
S3 Quattro							
8V1, 8VK	10.13 - 07.14	4	2.0	CJXB <DF5/TT6>	EFB	LN3-EFB	
S3 Sportback Quattro							
8PA	07.08 - 03.13	4	2.0	CDLC <D81/TA2>		575.068	
S3 2.0 TFSI Limousine quattro							
8VS, 8VM	05.14 - 08.16	4	2.0	CJXF <DQ8>	EFB	LN3-EFB	
	07.16→	4	2.0	DJHB <DM4/TT6>	EFB	LN3-AGM	
S3 2.0 TFSI quattro							
8V1, 8VK	02.13 - 05.14	4	2.0	CJXB <DF5/TT6>		LN3-EFB	
S3 2.0 TFSI Sportback quattro							
8VA, 8VF	05.14→	4	2.0	CJXF <DQ8>; DJHB <DM4/TT6>	EFB	LN3-EFB	
S4							
4A2, C4	07.92 - 07.94	5	2.2	AAN		56318	575.068
8D2, B5	10.97 - 10.00	6	2.7	AGB		58014	
8D5, B5	10.97 - 09.01	6	2.7	AGB		58014	
8E2, B6	03.03 - 12.04	8	4.2	BBK		58014	
8E5, B6	03.03 - 12.04	8	4.2	BBK		58014	
8H7, B7	02.04 - 12.05	8	4.2	BBK		560.060	
8ED, B7	11.04 - 06.08	8	4.2	BBK		60038	
S4 Quattro							
8K2, B8	03.09 - 03.12	6	3.0	CAKA <D11>		58014	
S4 3.0 TFSI Avant quattro							
8K5, B8	05.14 - 12.15	6	3.0	CREC <D11/TM8>		575.068	
S5 Cabriolet quattro							
8F7	06.09 - 09.11	6	3.0	CAKA <D11>		575.068	
S5 Sportback Quattro							
8TA	01.10 - 09.11	6	3.0	CAKA <D11>		610.095	
S6							
4B4, C5	09.99 - 05.04	8	4.2	ANK; AQJ		60038	





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S8						
4D2	09.96 - 12.98	8	4.2	AHC		60038
	09.00 - 09.02	8	4.2	AVP		60038
TT						
8N3	07.98 - 06.06	4	1.8	AJQ; APX; ARY; AUM; AUQ; BAM		56219
8J3	07.06 - 06.14	4	2.0	BWA <D2L/T59>; CBBB <D93/TG3> (Diesel); CESA <D2D>		58014
	06.08 - 06.14	4	1.8	CDAA <D67/TE6>		58014
TT Quattro						
8J3	07.06 - 06.10	6	3.2	BUB <D6D>		58014
	06.08 - 06.14	4	2.0	CCCTA <D2L/TQ2>; CCZA <D2L/TD6>; CESA <D2D>; CFGFB <D93/TL4> (Diesel)		58014
TT Quattro Roadster						
8N9	03.99 - 08.01	4	1.8	APX		560.060
	09.00 - 06.06	4	1.8	ARY; BAM		56318 575.068
	07.03 - 06.06	6	3.2	BHE		56318 575.068
8J9	02.07 - 06.10	6	3.2	BUB <D6D>		58014
TT Roadster						
8N9	08.00 - 06.06	4	1.8	AUQ		56318 575.068
8J9	02.07 - 06.10	4	2.0	BWA <D2L/T59>		58014
TT Roadster Quattro						
8J9	05.10 - 06.14	4	2.0	CESA <D2D>		58014
TT RS Quattro						
8J3	07.09 - 06.14	5	2.5	CEPA <D07>		58014
TT 1.8 TFSI Roadster						
8J9	06.08 - 06.14	4	1.8	CDAA <D67/TE6>		58014
TT 2.0 TFSI Coupe						
FV3	11.14→	4	2.0	CHHC <TP6>		LN3-AGM
TT 2.0 TFSI Coupe quattro						
FV3	07.14→	4	2.0	CHHC <TP6>		LN3-AGM
TT 2.0 TFSI Roadster						
FV9	11.14→	4	2.0	CHHC <TP6>		58014
TT 2.0 TFSI Roadster quattro						
8J9	06.08 - 06.10	4	2.0	CCZA <D2L/TD6>		58014
FV9	11.14→	4	2.0	CHHC <TP6>		58014
TTS Quattro						
8J3	05.08 - 06.14	4	2.0	CDLB <D14>		58014
TTS Roadster Quattro						
8J9	05.08 - 06.14	4	2.0	CDLB <D14>		58014

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

**TTS 2.0 TFSI Coupe quattro**

FV3	11.14→	4	2.0	CJXG <D02/TT6>	58014
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TTS 2.0 TFSI Roadster quattro

FV9	02.15→	4	2.0	CJXG <D02/TT6>	58014
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V8 Quattro

44, 4C, D11	09.90 - 12.92	8	3.6	PT	60038
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80

89, 8A2, B3	09.86 - 12.91	4	1.8	JN	55457	560.060
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	08.88 - 10.90	4	2.0	3A	56318	575.068
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8C2, B4	09.90 - 11.94	5	2.3	NG	56318	575.068
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	09.91 - 05.95	4	2.0	ABK	56318	575.068
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		6	2.8	AAH	56318	575.068
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	07.92 - 05.95	6	2.6	ABC	56318	575.068
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80 Quattro

8C2, B4	09.91 - 11.94	5	2.3	NG	56318	575.068
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	09.91 - 12.94	4	2.0	ABK	56318	575.068
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	09.91 - 05.95	6	2.8	AAH	56318	575.068
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	07.92 - 05.95	6	2.6	ABC	56318	575.068
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90

89, 8A2, B3	04.87 - 12.92	5	2.3	NG; 7A	56318	575.068
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90 Quattro

89, 8A2, B3	04.87 - 01.92	5	2.3	NG; 7A	56318	575.068
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100

44, 44Q, C3	09.84 - 12.90	5	2.2	KU	56318	575.068
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	08.86 - 08.91	5	2.3	NF	56318	575.068
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4A2, C4	12.90 - 07.94	6	2.8	AAH	56318	575.068
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	04.92 - 07.94	6	2.6	ABC	56318	575.068
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100 Quattro

44, 44Q, C3	08.84 - 11.90	5	2.2	KU	56318	575.068
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4A2, C4	03.92 - 07.94	6	2.6	ABC	56318	575.068
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200

44, C3	08.85 - 12.91	5	2.2	MC	56318	575.068
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200 Quattro

44, C3	01.85 - 12.90	5	2.2	MC	56318	575.068
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BENTLEY**Arnage**

	04.98 - 09.00	8	4.4	<Cosworth V8>	110D26R
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	04.99 - 08.08	8	6.8	; L410IT <EMS3>	110D26R
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Azure

	08.99 - 12.09	8	6.8	; L410IT; L410MT 1T	110D26R
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
◀ BENTLEY

Brooklands						
	07.92 - 08.97	8	6.8	L 410 I; L 410 MN 1T		110D26R
Continental						
	03.91 - 08.99	8	6.8	L 410 IT		110D26R
Continental Cabrio Supersports						
	03.10 - 12.11	12	6.0	BWRB <M86>		575.068
Continental Flying Spur						
	07.10 - 05.13	12	6.0	CKHC		575.068
Continental GT						
	06.03 - 10.10	12	6.0	BEB		110D26R
	05.06 - 07.10	12	6.0	BWRA		575.068
	01.12 - 12.14	8	4.0	CMMC		60038
Continental GT 4.0 V8						
	01.14 - 11.17	8	4.0	CYCB		560.060
Continental GTC Speed 6.0						
	09.12 - 05.14	12	6.0	CVAA		560.060
Continental GTC 4.0 V8						
	01.14 - 08.18	8	4.0	CYCB		560.060
Continental Supersports ISR 6.0 Cabrio						
	03.11 - 12.11	12	6.0	CKHE <DL9>		60038
Eight						
	09.84 - 09.92	8	6.8	L 410 I <OHV>		110D26R
Flying Spur 6.0 W12						
	03.13 - 05.15	12	6.0	CVAA		60038
Mulsanne						
	09.09 - 05.15	8	6.8	CKB <DH5>		60038
Turbo R						
	11.91 - 03.93	8	6.7	V8 <OHV Kat.>		110D26R
	04.93 - 07.99	8	6.8	L 410 MT; L410MT 1T		110D26R

BMW

ActiveHybrid 3						
F 30	09.12 - 05.15	6	3.0	N55 B30A		LN5-AGM
M 235 i Cabrio						
F 23	11.14 - 06.16	6	3.0	N55 B30A <NG6>		LN4-AGM
M3						
E 36	09.92 - 09.95	6	3.0	30 6S 1 <S 50 B 30..>		56638 574.068
	10.95 - 12.98	6	3.2	32 6S 1/3 <S 50 B 32..>		56638 574.068
E 46	09.00 - 05.06	6	3.2	32 6S 4 <S 54 B 32>		56638 574.068

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

								
E 92		05.07 - 06.13	8	4.0	S65 B40A			574.068
E 90		11.07 - 10.11	8	4.0	S65 B40A	BWD, 		LN3-AGM
M3 Cabriolet								
E 46		04.01 - 08.06	6	3.2	32 6S 4 <S 54 B 32>			58014
E 93		03.08 - 10.13	8	4.0	S65 B40A	BWD, 		LN3-AGM
M3 CSL								
E 46		03.03 - 12.03	6	3.2	32 6S 4 <S 54 B 32>			574.068
M5								
E 34		10.88 - 12.93	6	3.6	36 6S 1 <S 38 B 36>			60038
E 39		10.98 - 07.03	8	5.0	50 8S 1 <S 62 B 50>			60038
E 60		11.04 - 12.09	10	5.0	S85 B50A			60038
M235i Coupe								
F 22		03.14 - 08.16	6	3.0	N55 B30A			LN4-AGM
X 1 sDrive 18 d								
F 48		10.15→	4	2.0	B47 C20A (Diesel)			LN4-AGM
X 1 xDrive 25 i								
F 48		10.15 - 10.17	4	2.0	B48 A20B			LN4-AGM
X 2 sDrive 18 i								
F 39		01.18→	3	1.5	B38 A15A <B38C (GPF)>	EFB		LN3-EFB
X 4 xDrive 20 d								
F 26		06.14→	4	2.0	B47 D20A (Diesel)			LN5-AGM
X 4 xDrive 20 i								
F 26		06.14→	4	2.0	N20 B20A			LN5-AGM
X 4 xDrive 30 d								
F 26		06.14→	6	3.0	N57 D30A (Diesel)			LN5-AGM
X 4 xDrive 35 d								
F 26		06.14→	6	3.0	N57 D30B (Diesel)			LN5-AGM
X 4 xDrive 35 i								
F 26		06.14→	6	3.0	N55 B30A			LN5-AGM
X 5 M								
F 85		03.15 - 06.18	8	4.4	S63 B44B			LN5-AGM
X 5 sDrive 25 d								
F 15		12.13 - 07.15	4	2.0	N47 D20D (Diesel)			LN5-AGM
X 5 xDrive 30 d								
F 15		11.13 - 06.18	6	3.0	N57 D30A <N57> (Diesel)			LN5-AGM
X 5 xDrive 40 d								
F 15		03.14 - 06.18	6	3.0	N57 D30B (Diesel)			LN5-AGM
X 6 M								
F 86		03.15→	8	4.4	S63 B44B			LN5-AGM





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X 6 xDrive 30 d

F 16	11.14→	6	3.0	N57 D30A (Diesel)		LN5-AGM
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X1 sDrive

E 84	03.10 - 06.15	4	2.0	N46 B20B		LN3-AGM
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X1 sDrive d

E 84	10.09 - 06.12	4	2.0	N47 D20C (Diesel)	BWD,	LN3-AGM
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X1 xDrive d

E 84	10.09 - 06.12	4	2.0	N47 D20C (Diesel); N47 D20D (Diesel)	BWD,	LN3-AGM
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X3

E 83	01.04 - 08.08	6	3.0	N52 B30... <NG6>; 30 6D 3 <M 57N2> (Diesel); 30 6S 3 <M 54>		60038
	03.04 - 08.08	6	2.5	N52 B25... <NG6>; 25 6S 5 <M 54>		60038
	10.04 - 09.07	4	2.0	20 4D 4 <M 47N> (Diesel)		60038

X3 xDrive

E 83	09.08 - 08.10	6	2.5	N52 B25... <NG6>		60038
					BWD,	LN3-AGM
					3.0	N52 B30... <N52N>

X3 xDrive d

E 83	09.08 - 08.10	6	3.0	30 6D 3 <M 57N2> (Diesel)		60038
F 25	10.10 - 08.17	4	2.0	N47 D20C (Diesel)		LN5-AGM
	04.11 - 08.17	6	3.0	N57 D30A (Diesel)		LN5-AGM

X3 xDrive i

F 25	04.12 - 08.17	4	2.0	N20 B20A		LN5-AGM
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X3 xDrive 20d

F 25	04.14 - 08.17	4	2.0	B47 D20A (Diesel)		LN5-AGM
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X5

E 53	03.99 - 10.06	8	4.4	N62 B44A <NGV8>; 44 8S 2 <M62 B44>		60038
	10.99 - 10.06	6	3.0	30 6D 1 <M 57 D 30> (Diesel); 30 6D 2 <M 57N> (Diesel); 30 6S 3 <M 54>		60038
	02.02 - 09.03	8	4.6	46 8S 1 <M 62 B 46>		60038
	03.04 - 10.06	8	4.8	N62 B48A <NGV8>		60038
E 70	11.06 - 09.08	6	3.0	N52 B30... <NG6>; 30 6D 3 <M 57N2> (Diesel); 30 6D 5 (Diesel)		60038
		8	4.8	N62 B48B <NGV8>		60038

X5 xDrive

E 70	10.08 - 03.10	8	4.8	N62 B48B <NGV8>		60038
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X5 xDrive d

E 70	10.08 - 03.10	6	3.0	30 6D 3 <M 57N2> (Diesel)		60038
	04.10 - 06.13	6	3.0	N57 D30A (Diesel); N57 D30B <N57Z> (Diesel)		LN5-AGM

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

							
X6 xDrive							
E 71	05.08 - 03.10	6	3.0	30 6D 5 (Diesel)		60038	
Z3							
E 36/7	09.95 - 12.99	4	1.9	19 4S 1 <M 44 B 19>		56638	574.068
	11.96 - 08.00	6	2.8	28 6S 1/2 <M 52 B 28>		574.068	
	04.99 - 12.00	6	2.0	20 6S 4 <M 52 B 20>		56638	574.068
	05.00 - 06.02	6	3.0	30 6S 3 <M 54>		56638	574.068
	09.00 - 09.02	6	2.2	22 6S 1 <M 54>		56638	574.068
Z4							
E 85	10.02 - 11.05	6	2.5	25 6S 5 <M 54>		56638	574.068
			3.0	30 6S 3 <M 54>		56638	574.068
	02.06 - 08.08	6	3.0	N52 B30... <NG6>		56638	574.068
			3.2	32 6S 4 <S 54 B 32>		56638	574.068
116i							
E 87	09.04 - 06.11	4	1.6	N45 B16A <NG4>		55066	
F 20	09.11 - 02.15	4	1.6	N13 B16A		60038	
118 d							
F 20	09.11 - 02.15	4	2.0	N47 D20C (Diesel)		LN4-AGM	
118 i							
F 20	09.11 - 02.15	4	1.6	N13 B16A		LN3-AGM	
118d							
E 87	03.07 - 06.11	4	2.0	N47 D20... (Diesel)	BWD, 	LN3-AGM	
118d Cabriolet							
E 88	09.08 - 10.13	4	2.0	N47 D20... (Diesel)	BWD, 	LN3-AGM	
118i							
E 87	11.04 - 03.07	4	2.0	N46 B20B <NG4>		55066	
	03.07 - 06.11	4	2.0	N43 B20A <NG4>		LN3-AGM	
				N46 B20B <NG4>		LN3-AGM	
120 i							
E 87	09.04 - 03.07	4	2.0	N46 B20... <NG4>		56219	
F 20	03.15 - 06.16	4	1.6	N13 B16A		LN4-AGM	
120 i Coupe							
E 82	09.09 - 10.13	4	2.0	N46 B20... <NG4>		LN3-AGM	
120d							
E 87	09.04 - 03.07	4	2.0	20 4D 4 <M 47N> (Diesel)		58014	
	03.07 - 06.11	4	2.0	N47 D20... (Diesel)		58014	
					BWD, 	LN3-AGM	
123d							
E 87	09.07 - 06.11	4	2.0	N47 D20... (Diesel)		LN3-AGM	
123d Cabriolet							
E 88	09.08 - 09.13	4	2.0	N47 D20... (Diesel)	BWD, 	LN3-AGM	






























◀ BMW

123d Coupe							
E 82	10.07 - 09.13	4	2.0	N47 D20... (Diesel)	BWD,	LN3-AGM	
125i Coupe							
E 82	03.08 - 09.13	6	3.0	N52 B30... <NG6>		LN3-AGM	
130i							
E 87	09.05 - 08.09	6	3.0	N52 B30... <NG6>		56219	
135i Cabriolet							
E 88	03.08 - 10.13	6	3.0	N54 B30A <NG6>; N55 B30A <NG6>		58014	
135i Coupe							
E 82	10.07 - 02.10	6	3.0	N54 B30A <NG6>		60038	
218 d Active Tourer							
F 45	09.14→	4	2.0	B47 C20A (Diesel)		58014	
220 i Cabrio							
F 23	11.14 - 06.16	4	2.0	N20 B20...		LN4-AGM	
220d Coupe							
F 22	03.14 - 10.14	4	2.0	N47 D20C (Diesel)		LN4-AGM	
220i Coupe							
F 22	03.14 - 08.16	4	2.0	N20 B20...		58014	
316 i							
F 30	07.12 - 07.15	4	1.6	N13 B16A		LN5-AGM	
316i							
E 46	02.02 - 03.04	4	1.8	N42 B18A <NG4>		56638	574.068
316i Compact							
E 36	03.94 - 09.00	4	1.6	16 4E 2 <M 43 B 16>		55457	560.060
	09.95 - 09.00	4	1.6	16 4E 2 <M 43 B 16..Gas CNG>		56219	
	12.98 - 09.00	4	1.9	19 4E 1 <M 43 B 19>		55457	560.060
316ti Compact							
E 36	09.94 - 09.96	4	1.8	18 4S 1 <M 42 B 18>		560.060	
	12.95 - 09.00	4	1.9	19 4S 1 <M 44 B 19>		55457	560.060
E 46	06.01 - 12.04	4	1.8	N42 B18A <NG4>; N46 B18A <NG4>		56638	574.068
	04.04 - 12.04	4	1.6	N45 B16A <NG4>		56638	574.068
318 i							
F 30	07.15 - 10.18	3	1.5	B38 B15A		LN4-AGM	
318d							
F 30	03.12 - 06.15	4	2.0	N47 D20C (Diesel)		LN4-AGM	
318i							
E 30	09.87 - 12.91	4	1.8	18 4E 1 <M 40 B 18>		56219	
	07.88 - 12.92	4	1.8	18 4E 1 <M40 B18>		560.060	
E 36	12.90 - 12.98	4	1.8	18 4E 1 <M 40 B 18>; 18 4E 2 <M 43 B 18>		560.060	



















* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

								
E 36		03.92 - 10.96	4	1.8	18 4S 1 <M 42 B 18>		60038	
E 46		11.98 - 09.01	4	1.9	19 4E 1 <M 43 B 19>		56219	
		09.01 - 03.05	4	2.0	N42 B20A <NG4>; N46 B20... <NG4>		56638	574.068
318i Cabriolet								
E 30		09.90 - 12.93	4	1.8	18 4E 1 <M 40 B 18>		56219	
318iS								
E 30		09.89 - 12.91	4	1.8	18 4S 1 <M 42 B 18>		56219	
E 36		03.92 - 09.96	4	1.8	18 4S 1 <M 42 B 18>		55457	560.060
		03.93 - 12.96	4	1.8	18 4S 1 <M 42 B 18>		560.060	
		03.95 - 12.98	4	1.9	19 4S 1 <M 44 B 19>		560.060	
		12.95 - 08.99	4	1.9	19 4S 1 <M 44 B 19>		55457	560.060
318ti Compact								
E 46		04.04 - 12.04	4	2.0	N46 B20... <NG4>		56638	574.068
320 d								
F 30		07.15 - 10.18	4	2.0	B47 D20A (Diesel)		LN4-AGM	
320 i								
E 90		03.05 - 12.11	4	2.0	N46 B20... <NG4>		55066	
320 i GT								
F 34		06.13 - 06.16	4	2.0	N20 B20...		LN5-AGM	
320 i Touring								
E 46		09.00 - 09.05	6	2.2	22 6S 1 <M 54>		56638	574.068
E 91		09.05 - 05.12	4	2.0	N46 B20... <NG4>		55066	
320Ci								
E 46		09.00 - 05.06	6	2.2	22 6S 1 <M 54>		56638	574.068
320d								
E 90		03.05 - 09.07	4	2.0	20 4D 4 <M 47N> (Diesel)		58014	
							LN5-AGM	
		09.07 - 03.10	4	2.0	N47 D20... (Diesel)	BWD, 	LN5-AGM	
F 30		02.12 - 06.16	4	2.0	N47 D20C (Diesel)		60038	
320d Cabriolet								
E 93		03.08 - 02.10	4	2.0	N47 D20... (Diesel)	BWD, 	LN5-AGM	
320d Coupe								
E 92		03.07 - 02.10	4	2.0	N47 D20... (Diesel)		60038	
						BWD, 	LN5-AGM	
		09.08 - 02.10	4	2.0	N47 D20C (Diesel)	BWD, 	LN5-AGM	
320d Touring								
E 91		09.07 - 02.10	4	2.0	N47 D20... (Diesel); N47 D20C (Diesel)	BWD, 	LN5-AGM	
320i								
E 30		12.85 - 12.91	6	2.0	20 6E E/20 6K A <M 20 B 20>		56219	
E 36		09.89 - 12.95	6	2.0	20 6S 1/2 <M 50 B 20>		575.068	
E 46		09.00 - 03.05	6	2.2	22 6S 1 <M 54>		56638	574.068



							
◀ BMW							
323Ci							
E 46	04.98 - 09.00	6	2.5	25 6S 4 <M 52 B 25>		56638	574.068
323Ci Cabriolet							
E 46	03.00 - 09.00	6	2.5	25 6S 4 <M 52 B 25>		58014	
323i							
E 36	10.94 - 06.99	6	2.5	25 6S 3 <M 52 B 25>		575.068	
E 46	04.98 - 10.00	6	2.5	25 6S 4 <M 52 B 25>		56638	574.068
E 90	09.05 - 12.11	6	2.5	N52 B25... <NG6>		574.068	
323i Cabriolet							
E 36	05.95 - 09.99	6	2.5	25 6S 3 <M 52 B 25>		575.068	
323i Coupe							
E 92	09.06 - 02.12	6	2.5	N52 B25A <NG6>		574.068	
323i Touring							
E 91	09.05 - 05.12	6	2.5	N52 B25A <NG6>		574.068	
323ti							
E 36	06.97 - 09.00	6	2.5	25 6S 3 <M 52 B 25>		575.068	
325Ci							
E 46	09.00 - 05.06	6	2.5	25 6S 5 <M 54>		56638	574.068
325Ci Cabriolet							
E 46	09.00 - 08.06	6	2.5	25 6S 5 <M 54>		58014	
325i							
E 30	12.86 - 12.91	6	2.5	25 6K 1 <M 20 B 25 Kat.>		56638	574.068
E 36	09.90 - 12.95	6	2.5	25 6S 1/2 <M 50 B 25>		575.068	
	03.92 - 12.95	6	2.5	25 6S 1/2 <M 50 B 25>		56318	575.068
E 46	09.00 - 03.05	6	2.5	25 6S 5 <M 54>		56638	574.068
E 90	03.05 - 12.11	6	2.5	N52 B25... <NG6>		56638	574.068
325i Cabriolet							
E 36	03.93 - 12.95	6	2.5	25 6S 2 <M 50 B 25>		575.068	
E 93	03.07 - 09.13	6	2.5	N52 B25... <NG6>		574.068	
325i Coupe							
E 92	09.06 - 06.13	6	2.5	N52 B25... <NG6>		574.068	
325ti Compact							
E 46	06.01 - 12.04	6	2.5	25 6S 5 <M 54>		56638	574.068
328 i GT							
F 34	06.13 - 06.16	4	2.0	N20 B20A		LN5-AGM	
328Ci							
E 46	04.98 - 09.00	6	2.8	28 6S 2 <M 52 B 28>		56638	574.068
328i							
E 36	10.94 - 06.99	6	2.8	28 6S 1 <M 52 B 28>		575.068	

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

								
E 46	11.98 - 09.00	6	2.8	28 6S 2 <M 52 B 28>			560.060	
330 i								
E 46	05.00 - 04.05	6	3.0	30 6S 3 <M 54>			56638	574.068
F 30	07.15 - 10.18	4	2.0	B4... <B48>			LN4-AGM	
330 i Touring								
F 31	07.15 - 05.19	4	2.0	B48 B20B <B48>			LN4-AGM	
330Ci								
E 46	05.00 - 05.06	6	3.0	30 6S 3 <M 54>			56638	574.068
330Ci Cabriolet								
E 46	05.00 - 08.06	6	3.0	30 6S 3 <M 54>			58014	
330d								
E 90	09.08 - 12.11	6	3.0	N57 D30A (Diesel)		BWD, 	LN5-AGM	
330d Cabriolet								
E 93	03.09 - 09.13	6	3.0	N57 D30A (Diesel)		BWD, 	LN5-AGM	
330d Coupe								
E 92	09.08 - 06.13	6	3.0	N57 D30A (Diesel)		BWD, 	LN5-AGM	
330i								
E 90	03.05 - 12.11	6	3.0	N52 B30... <NG6>			56638	
335i								
E 90	09.06 - 03.10	6	3.0	N54 B30A <NG6>			574.068	
335i Cabriolet								
E 93	03.07 - 02.10	6	3.0	N54 B30A <NG6>			574.068	
	03.10 - 10.13	6	3.0	N55 B30A <NG6>			575.068	
335i Coupe								
E 92	09.06 - 02.10	6	3.0	N54 B30A <NG6>			574.068	
	03.10 - 06.13	6	3.0	N55 B30A <NG6>			575.068	
335i Touring								
E 91	09.06 - 02.10	6	3.0	N54 B30A <NG6>			574.068	
	03.10 - 05.12	6	3.0	N55 B30A <NG6>			575.068	
340 i								
F 30	07.15 - 10.18	6	3.0	B58 B30A			LN4-AGM	
420 i Cabrio								
F 33	06.14 - 02.16	4	2.0	N20 B20B			LN5-AGM	
428 i Coupe								
F 32	09.13 - 02.16	4	2.0	N20 B20A			LN5-AGM	
518 d								
F 10	07.13 - 06.14	4	2.0	N47 D20C <N47N> (Diesel)			LN5-AGM	
520 d								
E 60	09.07 - 02.10	4	2.0	N47 D20... (Diesel)			60038	
						BWD, 	LN5-AGM	

















◀ BMW

520 d GT							
F 07	07.12 - 02.17	4	2.0	N47 D20C (Diesel)		LN5-AGM	
520d							
F 10	05.10 - 10.16	4	2.0	N47 D20C <N47N> (Diesel)		LN3-AGM	
520i							
E 34	09.89 - 12.95	6	2.0	20 6S 1/2 <M 50 B 20>		55066	560.060
						55457	560.060
E 60	09.07 - 02.10	4	2.0	N43 B20A <NG4>		58014	58515
523i							
E 39	09.95 - 09.00	6	2.5	25 6S 3/4 <M 52 B 25>		56638	574.068
E 60	03.05 - 02.10	6	2.5	N52 B25... <NG6>; N53 B25A <NG6>		58014	
525 i							
E 34	09.89 - 12.95	6	2.5	25 6S 1/2 <M 50 B 25>		56638	574.068
525i							
E 34	01.88 - 12.90	6	2.5	25 6K 1 <M 20 B 25>		56638	574.068
E 39	09.00 - 07.03	6	2.5	25 6S 5 <M 54>		56638	574.068
E 60	09.03 - 02.10	6	2.5	N52 B25... <NG6>; 25 6S 5 <M 54>		58014	
	03.07 - 02.10	6	3.0	N53 B30A <NG6>		58014	
528i							
E 39	09.95 - 09.00	6	2.8	28 6S 1/2 <M 52 B 28>		56638	574.068
528i Touring							
E 39	01.97 - 09.00	6	2.8	28 6S 1/2 <M 52 B 28>		56638	574.068
530 i							
E 60	03.05 - 02.10	6	3.0	N52 B30... <NG6>		58014	
530d							
E 60	09.05 - 12.09	6	3.0	30 6D 3 <M 57N2> (Diesel)		60038	
F 10	03.10 - 08.11	6	3.0	N57 D30A <N57> (Diesel)		LN5-AGM	
530i							
E 34	09.92 - 12.95	8	3.0	30 8S 1 <M 60 B 30>		56638	574.068
E 39	09.00 - 07.03	6	3.0	30 6S 3 <M 54>		60038	
E 60	07.03 - 03.05	6	3.0	30 6S 3 <M 54>		58014	
	03.07 - 02.10	6	3.0	N53 B30A <NG6>		58014	
530i Touring							
E 39	09.00 - 05.04	6	3.0	30 6S 3 <M 54>		60038	
E 61	03.05 - 03.10	6	3.0	N52 B30... <NG6>		58014	
	03.07 - 08.10	6	3.0	N53 B30A <NG6>		60038	
535i							
E 34	01.88 - 04.93	6	3.5	34 6K B <M 30 B 35>		56638	574.068
E 39	01.96 - 07.03	8	3.5	35 8S 1/2 <M 62 B 35>		60038	

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540i								
E 34		09.92 - 09.95	8	4.0	40 8S 1 <M 60 B 40>		60038	
E 39		01.96 - 07.03	8	4.4	44 8S 1/2 <M 62 B 44>		60038	
E 60		09.05 - 02.10	8	4.0	N62 B40A <NGV8>		60038	
545i								
E 60		09.03 - 09.05	8	4.4	N62 B44A <NGV8>		60038	
550 i								
F 10		07.13 - 10.16	8	4.4	N63 B44B		LN5-AGM	
550i								
E 60		09.05 - 02.10	8	4.8	N62 B48B <NGV8>		60038	
640 d GC								
F 06		05.12 - 10.18	6	3.0	N57 D30B <N57Z> (Diesel)		LN5-AGM	
640 i GC								
F 06		05.12→	6	3.0	N55 B30A		LN5-AGM	
645Ci								
E 63		01.04 - 09.05	8	4.4	N62 B44A <NGV8>		60038	
645Ci Cabriolet								
E 64		04.04 - 09.05	8	4.4	N62 B44A <NGV8>		60038	
650i								
E 63		09.05 - 07.10	8	4.8	N62 B48B <NGV8>		60038	
650i Cabriolet								
E 64		09.05 - 07.10	8	4.8	N62 B48B <NGV8>		60038	
730d								
F 01		11.08 - 06.12	6	3.0	N57 D30A (Diesel)	BWD, 	LN5-AGM	
730i, 730iL								
E 32		09.86 - 06.94	6	3.0	30 6K A <M 30 B 30>		56638	574.068
		09.91 - 10.94	8	3.0	30 8S 1 <M 60 B 30>		56638	574.068
E 38		06.94 - 12.96	8	3.0	30 8S 1 <M 60 B 30>		60038	
735i								
E 65		11.01 - 03.05	8	3.6	N62 B36A <NGV8>		60038	
735i, 735iL								
E 32		09.86 - 12.92	6	3.4	34 6E C/K B <M 30 B 35>		58014	
E 38		09.94 - 10.01	8	3.5	35 8S 1/2 <M 62 B 35>		60038	
735Li								
E 66		03.02 - 03.05	8	3.6	N62 B36A <NGV8>		60038	
740i, 740iL								
E 32		09.91 - 10.94	8	4.0	40 8S 1 <M 60 B 40>		58014	
E 38		06.94 - 06.96	8	4.0	40 8S 1 <M 60 B 40>		60038	
		01.96 - 08.01	8	4.4	44 8S 1/2 <M 62 B 44>		60038	





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745i							
E 65	11.01 - 03.05	8	4.4	N62 B44A <NGV8>		60038	
745Li							
E 66	03.02 - 03.05	8	4.4	N62 B44A <NGV8>		60038	
750i							
E 65	04.05 - 10.08	8	4.8	N62 B48B <NGV8>	START STOP	LN5-AGM	
750i, 750iL							
E 32	09.87 - 10.94	12	5.0	50 12 A <M 70 B 50>		58014	
E 38	06.94 - 07.01	12	5.4	54 12 1/2 <M 73 B 54>		60038	
760Li							
E 66	12.02 - 10.08	12	6.0	N73 B60... <NGV12>		60038	
840Ci							
E 31	09.94 - 12.99	8	4.4	44 8S 1 <M 62 B 44>		56318	575.068
840i							
E 31	04.93 - 03.96	8	4.0	40 8S 1 <M 60 B 40>		60038	
850 CSi							
E 31	08.92 - 10.96	12	5.6	56 12 1 <M 70 B 56>		56318	575.068
850i, 850Ci							
E 31	07.89 - 12.94	12	5.0	50 12 A <M 70 B 50>		56318	575.068

BUGATTI

EB 110 GT							
	03.92 - 12.96	12	3.5	HH32E <V12 Quadroturbo>		60038	

CADILLAC

CTS 3.0							
	09.09 - 08.10	6	3.0	LF1		LN3-EFB	

CHEVROLET

Corvette 6.0 Convertible							
	09.04 - 08.07	8	6.0	LS2		Q85R	

CHRYSLER

Crossfire							
ZH	09.03 - 08.08	6	3.2	EGX		LN3-EFB	
						574.068	
	09.04 - 08.06	6	3.2	EGZ		574.068	

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

**Grand Voyager**

RS	09.07 - 12.15	4	2.8	ENS (Diesel)	S95R
		6	3.8	EGL	574.068R

Neon

PL	06.94 - 12.05	4	2.0	ECB	56217
	09.97 - 12.00	4	1.8	EBD	56217

PT Cruiser

PT	06.00 - 12.05	4	2.0	ECC	55457	560.060
	06.00 - 12.10	4	2.4	EDZ	55457	560.060
	09.08 - 08.10	4	2.4	EDZ	560.060	

Viper

06.97→	10	8.0	EWB	574.068R
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Voyager

GS	03.97 - 12.99	6	3.3	EG...	574.068R	
RS	08.00 - 12.08	6	3.3	EGA GAS	56640	574.068R

300

LE	01.11→	6	3.0	EXL (Diesel)	60038
LX	09.11 - 08.13	8	6.4	ESG	60038

300C

LX	09.04 - 08.10	8	6.1	ESF	60038
LE	10.04 - 08.10	6	3.5	EGG	58014
		8	5.7	EZ...	58014
	01.05 - 08.10	8	6.1	ESF	58014
	10.05 - 08.10	6	3.0	EXL (Diesel)	60038

CITROEN**Berlingo**

M59	07.05 - 10.11	4	1.6	9HW <DV6B> (Diesel)	574.068
B9	05.08 - 11.11	4	1.6	NFR <TU5JP4B>; 9HX <DV6ATED4/DV6AUTED4> (Diesel)	LN3-AGM

Berlingo 1.6 VTi

B9	03.10 - 12.18	4	1.6	5FK <EP6C B>	560.060
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BX

X56	03.86 - 12.94	4	1.9	DFW Kat. <XU9J4/Z>; DFZ Kat. <XU9J1/Z>	56219
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CX

07.83 - 12.92	4	2.5	M25-659 <EN5L>	56638	574.068
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C2

A6	09.03 - 12.09	4	1.6	NFS <TU5JP4S>; NFU <TU5JP4>	56219
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C3

A8	01.02 - 08.05	4	1.4	KFV <TU3JP>	55066
			1.6	NFU <TU5JP4>	55066





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A42	05.03 - 10.12	4	1.6	NFU <TU5JP4>		55066
A31	09.05 - 05.09	4	1.6	NFU <TU5JP4>		55066
A51	09.09 - 12.16	4	1.6	5FS <EP6C>		LN3-AGM
C3 1.2 THP						
B618	07.16 - 12.18	3	1.2	HNZ <EB2DT>	EFB	LN3-EFB
C4						
B5	11.04 - 01.10	4	2.0	RFJ <EW10A>; RHR <DW10BTED4> (Diesel)		56219
	11.04 - 09.10	4	1.6	9H... <DV6TED4> (Diesel)		56219
B58	02.07 - 12.11	4	1.6	9H... <DV6TED4> (Diesel)		574.068
						LN3-AGM
B5	07.08 - 09.10	4	1.6	5FX <EP6DT>		560.060
C4 Picasso						
B58	10.06 - 12.11	4	2.0	RHR <DW10BTED4> (Diesel)		574.068
	10.06 - 12.13	4	2.0	RHH <DW10CTED4 FAP> (Diesel); RHJ <DW10BTED4> (Diesel)		LN3-AGM
						LN3-AGM
02.07 - 10.08	4	2.0	RFJ <EW10A>		574.068	
B78	07.13 - 12.18	4	2.0	AH... <DW10FD> (Diesel)		LN3-AGM
					EFB	LN3-EFB
C4 Picasso 1.6 THP						
B58	03.10 - 12.13	4	1.6	5FV <EP6CDT>		560.060
B78	02.14 - 12.18	4	1.6	5GZ <EP6FDT>		560.060
					EFB	LN3-EFB
C4 Picasso 2.0 HDi						
B58	02.07 - 12.11	4	2.0	RHJ <DW10BTED4> (Diesel)		575.068
C4 1.2 THP						
B71	01.15 - 12.18	3	1.2	HNW <EB2DTS M>	EFB	LN3-EFB
C4 1.6 THP						
B71	09.10 - 12.16	4	1.6	5FV <EP6CDT>	EFB	LN3-EFB
C4 1.6 VTi						
B71	09.10 - 12.16	4	1.6	5FS <EP6C>	EFB	LN3-EFB
C5						
X4	03.01 - 09.04	4	2.0	RFN <EW10J4>		56219
				RHZ <DW10ATED> (Diesel)		574.068
				6	3.0	AFX <ES9J4S>
	06.01 - 09.04	6	3.0	AFX <ES9J4S>		56219
X3	10.04 - 09.05	4	2.2	4HX <DW12TED4> (Diesel)		56638
	10.04 - 04.07	6	3.0	XFU <ES9A>		574.068
	10.04 - 03.08	4	2.0	RFJ <EW10A>; RH... <DW10BTED4> (Diesel)		56638
	03.06 - 03.08	4	2.2	4H... <DW12BTED4> (Diesel)		574.068
	04.06 - 03.08	4	2.2	4H... <DW12BTED4> (Diesel)		574.068

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X7	04.08 - 07.09	6	2.7	UHZ <DT17TED4> (Diesel)		LN3-AGM		
	04.08 - 05.15	4	2.0	RH... <DW10BTED4> (Diesel); RHH <DW10CTED4 FAP> (Diesel)		LN3-AGM		
	07.09 - 04.14	6	3.0	X8Z <DT20C> (Diesel)		LN3-AGM		
C5 2.2 HDi								
X7	07.10 - 05.15	4	2.2	4HL <DW12C> (Diesel)		575.068		
C6								
X6	11.05 - 02.09	6	3.0	XFV <ES9A>		575.068		
	11.05 - 07.09	6	2.7	UHZ <DT17TED4> (Diesel)		575.068		
Dispatch								
G9	02.07 - 01.17	4	2.0	RH... <DW10UTED4> (Diesel)		574.068		
DS3								
A55	01.10 - 04.15	4	1.4	8F... <EP3C>		LN3-AGM		
			1.6	5FR <EP6DT>	EFB	LN2-EFB		
						LN3-AGM		
DS3 1.2 VTi								
A55	06.12 - 04.15	3	1.2	HMZ <EB2>	EFB	LN2-EFB		
DS3 1.6 THP								
A55	04.14 - 04.15	4	1.6	5GZ <EP6FDT>		560.060		
					EFB	LN2-EFB		
DS3 1.6 THP Cabrio								
A56	07.12 - 04.15	4	1.6	5FV <EP6CDT>		560.060		
					EFB	LN2-EFB		
	04.14 - 04.15	4	1.6	5GZ <EP6FDT>	EFB	LN2-EFB		
DS3 1.6 VTi								
A55	01.10 - 04.15	4	1.6	5FS <EP6C>	EFB	LN2-EFB		
DS4								
B75	03.11 - 09.15	4	1.6	5FU <EP6CDTX>; 5FV <EP6CDT>	EFB	LN2-EFB		
				9HR <DV6C> (Diesel)		LN3-AGM		
						LN3-AGM		
DS4 1.6 THP								
B75	03.11 - 09.15	4	1.6	5FM <EP6CDT M>		560.060		
					EFB	LN2-EFB		
DS4 1.6 VTi								
B75	03.11 - 09.15	4	1.6	5FS <EP6C>		560.060		
DS4 2.0 HDi 16V								
B75	03.11 - 02.15	4	2.0	RHH <DW10CTED4 FAP> (Diesel)		575.068		
DS5 1.6 THP								
B81	09.11 - 04.15	4	1.6	5FV <EP6CDT>	EFB	LN2-EFB		
DS5 2.0 HDi								
B81	09.11 - 11.14	4	2.0	RHH <DW10CTED4 FAP> (Diesel)		575.068		





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Xantia						
X2	12.97 - 12.01	4	1.9	DHX <XUD9BTF/L3> (Diesel)		56219
Xantia Break						
X2	01.98 - 12.01	6	3.0	XFZ <ES9J4>		574.068
XM						
Y3	05.89 - 06.93	6	3.0	SFZ,S6A <ZPJ>	56638	574.068
	06.93 - 06.94	6	3.0	UFZ <ZPJ>	574.068	
Y4	07.94 - 10.00	6	3.0	UFZ <ZPJ>; XFZ <ES9J4>	574.068	
Xsara						
N6	07.97 - 08.00	4	1.6	NFZ <TU5JP>	55066	
			1.8	LFZ <XU7JP>	55066	
			2.0	RFS <XU10J4RS>	55066	
N7	09.00 - 12.05	4	1.6	NFU <TU5JP4>	56219	
			2.0	RFN <EW10J4>; RFS <XU10J4RS>	56219	

DAEWOO

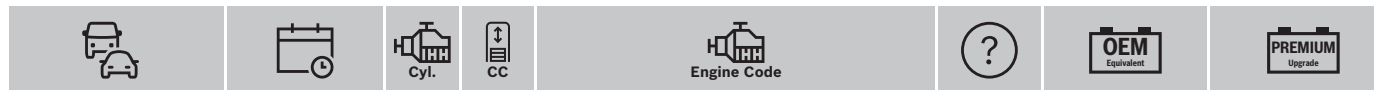
Cielo						
	08.94 - 08.97	4	1.5	G15MF <SOHC>	56219	
Espero						
KLEJ	09.93 - 10.94	4	2.0	C20LE	56219	
	03.97 - 10.99	4	2.0	C20LE	56219	
Kalos						
T200	05.02 - 12.04	4	1.5	F15S3	22FR-550	22FR-680
Korando						
KJ	07.96 - 12.00	4	2.3	M161 E23 <MB-M 111.>	95D31R	125D31R
		6	3.2	M 104.995 <M162 E32>	95D31R	125D31R
Lanos						
KLAT	11.96 - 09.03	4	1.5	A15SMS <E-TEC>	55458	
	04.97 - 09.03	4	1.6	A16DMS <L44>	55458	
Leganza						
KLA V, V100	03.97 - 12.02	4	2.0	X20SED	56217	
	09.98 - 12.01	4	2.2	T22SED	56217	
Matiz						
KLYA	04.98 - 01.05	3	0.8	F8CV	40B19R	
Musso						
MJ	07.93 - 12.00	5	2.9	OM 662 D29 LA <OM 602.910> (Diesel);	95D31R	125D31R
				OM 662 D29 <OM 602.910> (Diesel)		
	01.96 - 12.00	6	3.2	M 104.992 <M162 E32>	95D31R	125D31R
	05.96 - 12.00	4	2.3	M161 E23 <MB-M 111.970>	95D31R	125D31R

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Tacuma						
KLAU	09.00 - 01.05	4	2.0	T20SED		110D26R
DAIHATSU						
Applause						
	06.89 - 04.00	4	1.6	HDE; HDE <Kat.>		55B24L
Charade						
G100	03.87 - 12.92	3	1.0	CB23		55B24L
G102	06.88 - 12.92	4	1.3	HCE; HCE <Kat.>		55B24L
G200	01.93 - 09.00	4	1.3	HCE; HCE <Kat.>		55B24L
G202	05.93 - 12.95	3	1.0	CB24		40B19L 55B24L
G203	08.94 - 06.00	4	1.5	HEEG		55B24L
L500 Centro	03.95 - 05.05	3	0.7	EFEL		55B24L
L251	03.03 - 12.07	3	1.0	EJ		40B19L
Copen						
L880	05.02 - 12.05	4	0.7	JB-DET		40B19L
Cuore						
L701	10.98 - 12.02	3	1.0	EJDE		55B24L
Feroza						
F300	10.88 - 10.99	4	1.6	HDE		40B19R
F310	05.92 - 10.99	4	1.6	HDE <Kat.>		40B19R
Hijet						
S85	05.86 - 11.92	3	1.0	CB		40B19R
Mira						
L201	01.90 - 12.94	3	0.9	ED10		40B19RS
L200	01.92 - 12.95	3	0.7	EFEL		40B19RS
Centro	01.95 - 01.05	3	0.7	EFEL		40B19LS
Move						
L601	01.97 - 09.98	3	0.9	ED20		40B19LS
	06.97 - 12.00	3	0.9	ED20		40B19LS
Pyzar						
G303G	08.96 - 07.02	4	1.5	HEEG		40B19LS
	08.98 - 12.00	4	1.6	HD		40B19LS
Sirion						
M100	04.98 - 05.00	3	1.0	EJDE		55B24L
M101	08.00 - 07.04	4	1.3	K3VE		55B24L
M301	10.04 →	4	1.3	K3VE		40B19L
Terios						
J100	03.97 - 05.00	4	1.3	HCEJ		55B24L
J102	05.00 - 12.05	4	1.3	K3VE		40B19LS





◀ DAIHATSU

YRV

M201G	08.00 - 04.05	4	1.3	K3VE	40B19LS
M201	08.00 - 07.05	4	1.3	K3	55B24L

DAIMLER LTD.

Double Six

01.81 - 12.92	12	5.3	V12 H.E	56219
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DODGE

Avenger

JS	09.07 - 08.10	6	2.7	EER	BAP, JS6, X23	Q85R
	09.07 - 08.11	4	2.0	ECD (Diesel); ECN		55066

Caliber

P3	01.06 - 08.09	4	2.0	ECD <A> (Diesel)		574.068R
PM	09.06 - 08.10	4	1.8	EBA		55D23R 90D23R
	09.06 - 12.10	4	2.0	ECN		55D23R 90D23R
					BAP, JS6, X23	Q85R
	09.06 - 08.11	4	2.4	ED...		55D23R 90D23R

Journey

08.08→	6	2.7	3D4P65F <DOHC>	22FR-550	22FR-680	
JC	08.08→	4	2.0	BKP (Diesel)	55D26R	110D26R

Nitro

KA	09.06 - 08.11	6	3.7	EKG	110D26R
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FERRARI

California

01.09→	8	4.3		574.068
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F12 Berlinetta 6.3

09.12 - 08.17	12	6.3		LN5-AGM
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F50

07.95 - 10.97	12	4.7		574.068
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F430

05.05 - 12.09	8	4.3		575.068
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F430 Scuderia

10.07 - 12.09	8	4.3		575.068
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Mondial

10.89 - 02.94	8	3.4	F 119 D	56638	574.068
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* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

							
348							
	02.90 - 08.95	8	3.4	F 119 F 000		574.068	
355							
	05.94 - 10.10	8	3.5	F129B/40; F129C/40		574.068	
360							
	03.99 - 12.05	8	3.6	F131; F131B		574.068	
456 GT / GTA							
	03.96 - 12.04	12	5.5	F 116 V12		574.068	
456GT							
	01.93 - 03.96	12	5.5	F 116 B 00		574.068	
458 Italia							
F 142	03.10 - 12.15	8	4.5	F 136 FB		575.068	
458 Spider							
F 142	09.11 - 12.15	8	4.5	F 136 FB		575.068	
512							
	01.92 - 10.94	12	5.0	F 113 D 00/40		56638	574.068
512M							
	10.94 - 12.96	12	5.0	F 110 HB		56638	574.068
550							
	10.96 - 12.05	12	5.5	F 133		574.068	
575							
	02.02 - 12.06	12	5.7	F 133 48V		55D26R	110D26R
599GTB							
	01.06 - 12.12	12	6.0	6.0 48V		60038	
612							
	03.04 - 06.11	12	5.7			55D26R	110D26R
FIAT							
Doblo Cargo 1.4							
263	02.10→	4	1.4	843 A1.000 <M10>		575.068	
Ducato							
244	04.02 - 08.06	4	2.3	F1AE0481C <M10> (Diesel)		58515	
						60038	
			2.8	8140.43S <M15> (Diesel)		58515	
250	06.06 - 12.14	4	2.3	F1AE0481D <M94> (Diesel)		58515	
Ducato Maxi 17 130 MultiJet							
250	06.06 - 12.14	4	2.3	F1AE0481N <M95> (Diesel)		60038	
Ducato Maxi 20 130 MultiJet							
250	06.06 - 12.14	4	2.3	F1AE0481N <M95> (Diesel)		60038	





◀ FIAT

Ducato 11 130 MultiJet						
250	06.06 - 12.14	4	2.3	F1AE0481N <M95> (Diesel)		60038
Ducato 15 130 MultiJet						
250	06.06 - 12.14	4	2.3	F1AE0481N <M95> (Diesel)		60038
Ducato 17 130 MultiJet						
250	06.06 - 12.14	4	2.3	F1AE0481N <M95> (Diesel)		60038
Ducato 130 MultiJet						
250	06.11 - 12.14	4	2.3	F1AE3481D (Diesel)		60038
Ducato 150 MultiJet						
250	06.11 - 12.14	4	2.3	F1AE3481E (Diesel)		60038
Freemont 2.0 Multijet						
345	06.11 - 12.15	4	2.0	939 B5.000 (Diesel)		575.068
Freemont 2.4 VVT						
345	02.13 - 12.15	4	2.4	ED3		575.068
Freemont 3.6 4x4						
345	08.11 - 12.15	6	3.6	ERB		575.068
Panda 0.9						
312	02.12→	2	0.9	312 A2.000	EFB	LN2-EFB
Punto						
199	10.05 - 12.11	4	1.4	350 A1.000 <M11>	EFB	LN2-EFB
Punto 1.4 MultiAir						
199	01.12 - 12.18	4	1.4	350 A1.000	EFB	LN2-EFB
Ritmo						
198	07.07 - 12.09	4	1.4	198 A1.000 <M21>		55066
Scudo						
270	01.07 - 04.16	4	2.0	RHK <M5> (Diesel)		574.068
500						
312	07.07 - 12.12	4	1.3	169 A1.000 <M73> (Diesel)		55066
	07.07→	4	1.2	169 A4.000 <M8>	EFB	LN2-EFB
						LN2-AGM
				1.4	169 A3.000 <M17>	EFB
						LN2-AGM
09.10→	2	0.9	312 A2.000	EFB	LN2-EFB	
500 Cabrio						
312	07.09→	4	1.4	169 A3.000	EFB	LN2-EFB
	09.10→	2	0.9	312 A2.000	EFB	LN2-EFB
500C 1.2						
312	07.09→	4	1.2	169 A4.000	EFB	LN2-EFB

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500X 1.4 MultiAir

334	11.14→	4	1.4	55263624	EFB	LN2-EFB
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500X 1.4 MultiAir 4x4

334	02.15→	4	1.4	55263623	EFB	LN2-EFB
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FORD

Capri Convertible

SA	10.89 - 09.90	4	1.6	F		40B19LS
SA II	10.90 - 03.92	4	1.6	D; T		40B19LS
SC	04.92 - 07.93	4	1.6	D; T		55D23L 90D23L
SE	08.93 - 07.94	4	1.6	D		40B19LS
				T		55D23L 90D23L

Corsair

UA	09.88 - 08.92	4	2.0	CA20E		22F-550DF
			2.4	KA24E		22F-550DF

Cougar

SW/SX	06.99 - 12.00	6	2.5	LCBC <MP25 Duratec-VE SEFI>		560.060
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Courier

PC	06.85 - 05.96	4	2.2	R2 (Diesel)		95D31R 125D31R
	09.86 - 08.90	4	2.6	AM		40B19RS
	09.88 - 08.93	4	2.2	F2		22F-550DF
	11.89 - 02.95	4	2.0	FE		22F-550DF
	01.90 - 04.95	4	2.2	R2 (Diesel)		95D31L 125D31L
PC	09.90 - 02.96	4	2.6	G6		22F-550DF
	03.96 - 05.99	4	2.6	G6		55D23L 90D23L
PD	03.96 - 11.99	4	2.6	G6		55D23L 90D23L
	05.96 - 01.99	4	2.6	G6		55D26L 110D26L
	06.96 - 03.99	4	2.5	WL (Diesel)		95D31R 125D31R
PE	02.99 - 10.02	4	2.6	G6		55D23R 90D23R
	02.99 - 11.02	4	2.5	WLAT (Diesel)		95D31R 125D31R
	08.02→	4	2.5	(Diesel); WL (Diesel)		95D31L 125D31L
PG	11.02 - 08.04	4	2.5	WLAT (Diesel)		95D31L 125D31L
			2.6	G6		55D23R 90D23R
	03.04 - 12.06	6	4.0	Koeln		55457 560.060
PH	08.04 - 11.06	4	2.5	WLAT (Diesel)		95D31R 125D31R
	09.04 - 01.06	4	2.6	G6		55D23R 90D23R
	09.04 - 11.06	4	2.5	WLAT (Diesel)		95D31L 125D31L

Econovan

	07.81 - 12.97	4	2.2	S2 (Diesel)		95D31R 125D31R
	01.84 - 02.97	4	1.8	F8		40B19LS
	02.86 - 12.99	4	2.0	RF <Mazda> (Diesel)		95D31R 125D31R
JG	02.97 - 09.99	4	2.0	FE		40B19LS
JH	10.99 - 11.05	4	2.0	FE		40B19LS





◀ FORD

JH	11.02 - 11.05	4	1.8	F8		40B19LS
EcoSport 1.5 Ti-VCT						
JK8	10.13 - 10.17	4	1.5	UEJ... <Euro 5>		LN2-EFB 560.060
Escape						
	09.00 - 08.08	6	3.0	Duratec		55D26L 110D26L
BA	12.00 - 01.04	6	3.0	Duratec <1>		55D26L 110D26L
ZB	09.04 - 05.06	6	3.0	Duratec		55D23R 90D23R
Everest 3.2 TD 4x4						
	03.15 - 07.18	5	3.2	Duratorq <Euro 5 / L-6 (EGR)> (Diesel)		58014
Explorer						
UN/UP/UQ/US	09.95 - 08.01	8	5.0			65-7MF
	09.96 - 08.01	6	4.0			65-7MF
UT/UX/UZ	09.01 - 08.05	8	4.6			65-7MF
	09.01 - 01.08	6	4.0			65-7MF
Explorer 4.0						
	09.96 - 08.01	6	4.0			575.068
Explorer 4.0 4x4						
	09.96 - 08.01	6	4.0			65-7MF
Fairlane						
NA II	10.89 - 06.91	6	3.9	P		22F-550DF
NC	07.91 - 02.92	6	3.9	P		22F-550DF
		8	5.0	Z		22F-550DF
NC II	03.92 - 02.95	6	4.0	H		22F-550DF
		8	5.0	Z		22F-550DF
NF	03.95 - 09.95	6	4.0	H		AU22R-550
		8	5.0	Z		AU22R-550
NF II	10.95 - 08.96	6	4.0	H		AU22R-550
		8	5.0	Z		AU22R-550
NL	09.96 - 02.99	6	4.0	H; X		AU22R-550
		8	5.0	Z		AU22R-550
AU	02.99 - 06.00	6	4.0	Y		AU22R-550
		8	5.0	Z		AU22R-550
AU II	07.00 - 02.03	6	4.0	Y		AU22R-550
		8	5.0	Z		AU22R-550
BA	07.03 - 02.05	6	4.0	H <Barra 182>		AU22R-550
		8	5.4	Z		AU22R-550
BA II	03.05 - 09.05	6	4.0	H <Barra 182>		AU22R-550
		8	5.4	Z		AU22R-550
BF	10.05 - 12.07	6	4.0	H <Barra 190>		AU22R-550
		8	5.4	Z		AU22R-550

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Falcon

FGII	11.11→	6	4.0	H <Barra 190>; H <Barra 195>; S <Eco LPI>	AU22R-550
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Falcon / Fairmont (inc G & XR Series)

EA II	10.89 - 06.91	6	3.9	D <CFI>; P <MPFI>	22F-550DF
EB	07.91 - 02.92	6	3.9	D <CFI>; P <MPFI>	22F-550DF
		8	5.0	Z	22F-550DF
EB II	03.92 - 07.93	6	4.0	H; X	22F-550DF
		8	5.0	J; Z	22F-550DF
ED	08.93 - 08.94	6	4.0	H; X	22F-550DF
		8	5.0	T; Z	22F-550DF
EF	09.94 - 09.95	6	4.0	H; X	AU22R-550
		8	5.0	Z	AU22R-550
EF II	10.95 - 08.96	6	4.0	H; X	AU22R-550
		8	5.0	Z	AU22R-550
EL	09.96 - 08.98	6	4.0	H; X	AU22R-550
		8	5.0	Z	AU22R-550
AU	09.98 - 03.00	6	4.0	; H; X; Y	AU22R-550
		8	5.0	Z	AU22R-550
AU II	04.00 - 09.01	6	4.0	H; S; X; Y	AU22R-550
		8	5.0	Z	AU22R-550
AU III	04.01 - 09.02	6	4.0	H; S; X; Y	AU22R-550
		8	5.0	Z	AU22R-550
BA	10.02 - 09.04	6	4.0	H <Barra 182>; S <GAS>; Y <Barra 240T>	AU22R-550
		8	5.4	Z	AU22R-550
BA II	10.04 - 09.05	6	4.0	H <Barra 182>; S <GAS>; Y <Barra 240T>	AU22R-550
		8	5.4	Z	AU22R-550
BF	10.05 - 09.06	6	4.0	H <Barra 190>; S <Egas>; Y <Barra 245T>	AU22R-550
		8	5.4	Z	AU22R-550
BF II	10.06 - 05.08	6	4.0	H <Barra 190>; S <Egas>; Y <Barra 245T>	AU22R-550
		8	5.4	Z	AU22R-550
FG	04.08 - 10.10	8	5.4	Z	AU22R-550
	04.08 - 12.12	6	4.0	H <Barra 195>; S <Egas>; Y <Barra 270T>	AU22R-550
BF III	05.08 - 10.10	6	4.0	H <Barra 190>; S <Egas>	AU22R-550
FGII	03.12 - 12.14	4	2.0	F <EcoBoost>	AU22R-550
FG	02.15 - 05.17	8	5.0	BOSS 335	AU22R-550









Falcon Utility

FGII	11.11 - 04.15	6	4.0	S <Eco LPI>	AU22R-550
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Falcon Utility / Van (inc XR Series)

XF	09.84 - 02.93	6	4.1	N	22F-550DF
XG	03.93 - 03.96	6	4.0	H; X	22F-550DF
XH	04.96 - 11.99	6	4.0	H	AU22R-550
AU	06.99 - 03.00	6	4.0	H <Intech>	AU22R-550
		8	5.0	Z	AU22R-550
AU II	04.00 - 09.01	6	4.0	H <Intech>; S <GAS>; X	AU22R-550
		8	5.0	Z	AU22R-550



							
◀ FORD							
AU III	10.01 - 09.02	6	4.0	H <Intech>; S <GAS>		AU22R-550	
		8	5.0	Z		AU22R-550	
BA	10.02 - 09.04	6	4.0	H <Barra 182>; S <GAS>; Y <Barra 240T>		AU22R-550	
		8	5.4	Z		AU22R-550	
BA II	10.04 - 09.05	6	4.0	H <Barra 182>; S <GAS>; Y <Barra 240T>		AU22R-550	
		8	5.4	Z		AU22R-550	
BF	10.05 - 09.06	6	4.0	H <Barra 190>; S <GAS>; Y <Barra 245T>		AU22R-550	
		8	5.4	Z		AU22R-550	
BF II	10.06 - 05.08	6	4.0	H <Barra 190>; S <GAS>; Y <Barra 245T>		AU22R-550	
		8	5.4	Z		AU22R-550	
FG	04.08 - 10.10	8	5.4	Z		AU22R-550	
	04.08 - 12.11	6	4.0	H <Barra 195>; S <Egas>; Y <Barra 270T>		AU22R-550	
Falcon Utility XR6							
FGII	11.11 - 12.14	6	4.0	H <Barra 195>		AU22R-550	
Falcon Utility XR6 Turbo							
FGII	11.11 - 05.17	6	4.0	Y <Barra 270T>		AU22R-550	
Festiva							
WA	06.91 - 03.94	4	1.3	U		40B19LS	
WB	04.94 - 12.96	4	1.3	U		55D23L	90D23L
WBII	02.97 - 12.97	4	1.3	U		55D23L	90D23L
			1.5	E		55D23L	90D23L
WF	01.98 - 12.00	4	1.3	U		55D23L	90D23L
			1.5	E		55D23L	90D23L
Fiesta							
JD, JH	11.01 - 09.08	4	1.6	FYJ... <Euro4>		54316	
WQ	06.07 - 09.08	4	2.0	N4JB <Duratec 16V SFI>		54316	
WS/WT	07.08 - 11.12	4	1.6	HHJ... <Euro4> (Diesel)		56318	575.068
				HXJ... <Euro4>		54316	
Fiesta ST 1.6 EcoBoost							
WZ	01.13 - 12.17	4	1.6	JTJ... <Euro 5>		560.060	
Fiesta 1.0 EcoBoost							
JA8, JR8	11.12 - 12.17	3	1.0	M1J... <Euro 5>		54316	
Fiesta 1.5 i							
	08.08 - 01.14	4	1.5	ZY		55458	
Focus							
LR	06.02 - 05.05	4	1.8	EYDC <ZH18,Zetec-E,SFI>		55457	560.060
			2.0	ALDA <Duratec-ST>		56318	575.068
				EDDC <ZH20,Zetec-E,SFI>		55457	560.060
LS	06.04 - 07.10	4	2.0	AOD... <Euro4>; Duratec HE <DOHC 16v>		560.060	
LS/LT	04.06 - 01.08	5	2.5	HYDA <Euro4>		560.060	
DA, HC	12.07 - 12.11	4	2.0	AOD... <Euro4>; G6D... <Euro4> (Diesel)		56318	575.068

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LV	06.08 - 12.11	5	2.5	HYDA <Euro4>			575.068	
DY, BK	01.11 - 12.14	4	1.6	PND... <Euro5>			55457	560.060
			2.0	TXDB <Euro5> (Diesel)			575.068	
DY, BM	01.11 - 12.14	4	1.6	PND... <Euro5>			55457	560.060
			2.0	TXDB <Euro5> (Diesel)			575.068	
DY, BK	09.11 - 12.14	4	2.0	XQDA <Euro5>			55457	560.060
DY, BM	09.11 - 12.14	4	2.0	XQDA <Euro5>			56318	575.068
Focus RS								
LV	01.09 - 12.11	5	2.5	JZDA <Euro4>			575.068	
Focus ST 2.0 EcoBoost								
DY, BK	06.12 - 12.14	4	2.0	R9DA <Euro5>			575.068	
Focus 1.5 EcoBoost								
DY, BM	10.14→	4	1.5	M9D... <Euro 6>			LN3-EFB	
FPV Force 6								
BF II	10.06 - 05.08	6	4.0	Y <F6 270>			AU22R-550	
FPV Force 8								
BF II	10.06 - 05.08	8	5.4	Z			AU22R-550	
FPV F6								
FG	05.08→	6	4.0	Y <F6 310>			AU22R-550	
FPV F6 Tornado								
BA II	01.05 - 09.05	6	4.0	Y <F6 270>			AU22R-550	
BF	10.05 - 09.06	6	4.0	Y <F6 270>			AU22R-550	
BF II	10.06 - 05.08	6	4.0	Y <F6 270>			AU22R-550	
FPV F6 Typhoon								
BA II	10.04 - 09.05	6	4.0	Y <F6 270>			AU22R-550	
BF	10.05 - 09.06	6	4.0	Y <F6 270>			AU22R-550	
BF II	10.06 - 05.08	6	4.0	Y <F6 270>			AU22R-550	
FPV F6 UTE								
FG	05.08→	6	4.0	Y <F6 310>			AU22R-550	
FPV F6X								
SY	02.08→	6	4.0	T <F6 270>			AU22R-550	
FPV GT								
BA	02.03 - 09.04	8	5.4	Z			AU22R-550	
BA II	10.04 - 09.05	8	5.4	Z			AU22R-550	
BF	10.05 - 09.06	8	5.4	Z			AU22R-550	
BF II	10.06 - 05.08	8	5.4	Z			AU22R-550	
FG	05.08→	8	5.4	Z			AU22R-550	
FPV GT-P								
BA	02.03 - 09.04	8	5.4	Z			AU22R-550	
BA II	10.04 - 09.05	8	5.4	Z			AU22R-550	
BF	10.05 - 09.06	8	5.4	Z			AU22R-550	
BF II	10.06 - 05.08	8	5.4	Z			AU22R-550	





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FPV Pursuit							
BA	02.03 - 09.04	8	5.4	Z			AU22R-550
BA II	10.04 - 09.05	8	5.4	Z			AU22R-550
BF	10.05 - 09.06	8	5.4	Z			AU22R-550
BF II	10.06 - 05.08	8	5.4	Z			AU22R-550
FG	05.08 →	8	5.4	Z			AU22R-550
FPV Super Pursuit							
BA II	06.05 - 09.05	8	5.4	Z			AU22R-550
BF	10.05 - 09.06	8	5.4	Z			AU22R-550
BF II	10.06 - 05.08	8	5.4	Z			AU22R-550
FG	05.08 →	8	5.4	Z			AU22R-550
F250							
	03.99 - 03.06	6	4.2	6.07 TCA (Diesel)			65-7MF
	09.00 - 08.03	8	7.3	(Diesel); <Power Stroke 7.3L> (Diesel)			65-7MF
	01.01 - 09.07	8	5.4	<5,4L SOHC V8>			65-7MF
Ka							
TA/TB	09.99 - 10.02	4	1.3	J4D <HCS,Endura-E SEFI>; J4M <HCS,Endura-E SEFI>			54316
Kuga							
DM2	12.08 - 11.12	5	2.5	HYD... <Euro4>			575.068
Kuga 1.5 T							
DM2	09.14 - 11.15	4	1.5	CAF479WQ1			LB4-EFB
Kuga 1.6 EcoBoost							
DM2	11.12 - 09.14	4	1.6	JQM... <Euro 5>			56318
							LN4-AGM
							575.068
Kuga 2.0 AWD							
DM2	01.13 - 12.16	4	2.0	TPBA <Euro5>			56318
							575.068
Kuga 2.0 TDCi 4x4							
DM2	11.12 - 09.14	4	2.0	TXMA <Euro 5> (Diesel)			575.068
Laser							
KE	10.87 - 02.90	4	1.6	B			40B19LS
KE II	02.90 - 09.94	4	1.6	B			40B19LS
KF	03.90 - 09.91	4	1.6	B			40B19LS
				1.8	C; H; N		
KH	10.91 - 09.92	4	1.6	B			40B19LS
				1.8	C; H; N		
KH II	10.92 - 09.94	4	1.6	B			55D23L
				1.8	C; H; N		
KJ	10.94 - 11.96	4	1.6	B			55D23L
				1.8	N		
KJ II	12.96 - 12.97	4	1.6	B			55D23L
				1.8	N		

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KJ III	12.97 - 03.99	4	1.6	B	55D23L	90D23L
			1.8	N	55D23L	90D23L
KN	03.99 - 02.01	4	1.6	ZM	55D23L	90D23L
			1.8	FP	55D23L	90D23L
KQ	03.01 - 12.03	4	1.6	ZM	55D23L	90D23L
			1.8	FP	55D23L	90D23L
			2.0	FS	55D23L	90D23L
LTD						
DA II	10.89 - 06.91	6	3.9	P	22F-550DF	
DC	07.91 - 02.92	6	3.9	P	22F-550DF	
		8	5.0	Z	22F-550DF	
	03.92 - 02.95	6	4.0	H	22F-550DF	
DC II	03.92 - 02.95	8	5.0	Z	22F-550DF	
DF	03.95 - 09.95	6	4.0	H	AU22R-550	
		8	5.0	Z	AU22R-550	
DF II	10.95 - 08.96	6	4.0	H	AU22R-550	
		8	5.0	Z	AU22R-550	
DL	09.96 - 05.99	6	4.0	H	AU22R-550	
		8	5.0	Z	AU22R-550	
AU	05.99 - 05.00	8	5.0	Z	AU22R-550	
	10.99 - 09.00	6	4.0	Y	AU22R-550	
AU II	06.00 - 06.03	6	4.0	Y	AU22R-550	
		8	5.0	Z	AU22R-550	
BA	07.03 - 09.04	8	5.4	Z	AU22R-550	
BA II	03.05 - 09.05	8	5.4	Z	AU22R-550	
BF	10.05 - 12.07	8	5.4	Z	AU22R-550	
Maverick						
	04.88 - 12.94	6	4.2	TB42	22F-550DF	22F-610DF
				TDB42 (Diesel)	95D31L	125D31L
Mondeo						
HA/HB	03.95 - 07.96	4	2.0	NGA <ZH20, ZETEC-E>	55457	560.060
HC/HD/HE	08.96 - 09.00	4	2.0	NGB <ZH20, ZETEC-E>; NGD <ZH20, ZETEC-E>	55457	560.060
MA	02.07 - 02.10	4	2.0	AZBA <Euro4> (Diesel)	58014	
MA/MB	02.07 - 03.10	5	2.5	HU... <Euro4>	560.060	
MB	02.07 - 12.14	4	2.0	QXB... <Euro4> (Diesel)	58014	
	09.07 - 12.14	4	2.3	SEBA <Euro4>	56318	575.068
BE7	03.10 - 12.14	4	2.0	TNB... <Euro5>	575.068	
				TXB... <Euro5> (Diesel)	560.060	
BG7	03.10 - 12.14	4	2.0	TXB... <Euro5> (Diesel)	575.068	
Mondeo ST24						
HE	12.99 - 09.00	6	2.5	SEA <MP25, DURATEC-VE>	55457	560.060
Mustang 2.3 EcoBoost						
	04.15 - 09.17	4	2.3	<Euro 6>	560.060	





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Mustang 2.3 EcoBoost Convertible							
	04.15 - 09.17	4	2.3	<Euro 6>			560.060
Mustang 5.0 Ti-VCT							
	04.15 - 09.17	8	5.0	<Euro 6>			560.060
Mustang 5.0 Ti-VCT Convertible							
	04.15 - 09.17	8	5.0	<Euro 6>			560.060
Probe							
	04.94 - 07.97	6	2.5	KL			55457 560.060
Ranger							
	03.06 - 12.11	4	3.0	WE... <Euro3/Euro4> (Diesel); WEC <DuraTORQ TDCi> (Diesel)			95D31R 125D31R
PJ, PK	03.06 - 12.11	4	2.5	WL... <Euro3/Euro4> (Diesel)			95D31R 125D31R
PX	09.11 - 02.15	4	2.5	<Euro3/Euro4>			575.068
	07.12 - 06.15	5	3.2	Duratorq <Euro 5 / L-6 (EGR)> (Diesel)			58014
Ranger 2.2							
PX	09.11 - 06.16	4	2.2	P4AT (Diesel)			575.068
Ranger 2.2 4x4							
PX	09.11 - 06.16	4	2.2	P4AT (Diesel)			575.068
Ranger 3.2							
PX	09.11 - 05.18	5	3.2	P5AT (Diesel)			LN4-AGM
Ranger 3.2 4x4							
PX	09.11 - 05.18	5	3.2	P5AT (Diesel)			58014
Ranger 4x4							
	09.11 - 06.15	5	3.2	SA... <Euro4/Euro5> (Diesel)	AG		58014
					GS		56318 575.068
Sierra							
	02.84 - 10.95	4	2.3	YYT			40B19LS
Spectron							
	01.88 - 12.98	4	2.0	RF (Diesel)			95D31R 125D31R
Taurus							
	09.95 - 08.99	6	3.0	Duratec 30			575.068
Telstar							
AV	01.90 - 10.91	4	2.2	T			40B19LS
AX	01.92 - 08.94	4	2.0	N			40B19LS
		6	2.5	U			55D23L 90D23L
AY	09.94 - 11.96	4	2.0	N			40B19LS
		6	2.5	U			55D23L 90D23L
Telstar Turbo							
AV	01.90 - 10.91	4	2.2	T <Turbo>			40B19LS

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		 Cyl.	 CC	 Engine Code		 OEM Equivalent	 PREMIUM Upgrade
Territory							
SX	05.04 - 09.05	6	4.0	H <Barra 182>		AU22R-550	
SY	10.05 - 04.09	6	4.0	H <Barra 190>		AU22R-550	
SY II	05.09 - 04.11	6	4.0	H <Barra 190>		AU22R-550	
SZ	04.11 - 05.17	6	2.7	D <Lion 140> (Diesel)		574.068	
			4.0	H <Barra 195>		574.068	
Territory Turbo							
SY	09.07 - 04.09	6	4.0	T <Barra 245T>		AU22R-550	
SY II	05.09 - 04.11	6	4.0	T <Barra 245T>		AU22R-550	
Territory 2.7 4x4							
SZ	04.11 - 05.17	6	2.7	D <Lion 140> (Diesel)		574.068R	
TE50							
AU	10.99 - 09.00	8	5.0	Z		AU22R-550	
AU II	10.00 - 10.01	8	5.0	Z		AU22R-550	
AU III	11.01 - 12.02	8	5.6	Z		AU22R-550	
TL50							
AU	10.99 - 09.00	8	5.0	Z		AU22R-550	
AU II	10.00 - 10.01	8	5.0	Z		AU22R-550	
AU III	11.01 - 12.02	8	5.6	Z		AU22R-550	
Trader							
	10.80 - 12.95	0	4.1	ZB <T4.1> (Diesel)		110D26R	
Transit							
	08.91 - 07.94	4	2.5	4DA <D25P> (Diesel)		560.060	
	08.94 - 07.00	4	2.0	NSF <DOHC 8V SEFI>; NSG <DOHC 8V SEFI>		56318	575.068
	08.94 - 08.00	4	2.5	4EB <D25TP> (Diesel); 4EC <D25TP> (Diesel);		575.068	
				4GB <D25TN> (Diesel)		56318	575.068
	01.00 - 07.06	4	2.4	DOFA <PD24PP> (Diesel); D2F... <PD24P> (Diesel);		56318	575.068
				D4FA <PD24> (Diesel); FXFA <DuraTorq DI> (Diesel)			
	08.01 - 07.06	4	2.3	E5FC <DOHC 16V BI-FUEL>		560.060	
	03.04 - 07.06	4	2.4	H9FA <Duratorq TDCi> (Diesel)		56318	575.068
	04.06 - 06.10	4	2.2	QVFA <Euro4> (Diesel)		56318	575.068
	07.06 - 09.11	4	2.4	H9F... <95EEC/Euro4> (Diesel)		56318	575.068
Transit Custom 290							
	09.12 - 04.16	4	2.2	CYF... <Euro 5> (Diesel)		575.068	
Transit Custom 330							
	09.12 - 04.16	4	2.2	CYF... <Euro 5> (Diesel)		575.068	
Transit FT 280 2.2 TDCi							
	10.08 - 12.13	4	2.2	CYF... <Euro4/Euro5> (Diesel); SRF... <Euro4/ Euro5> (Diesel)		58014	





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Transit FT 330 2.2 TDCi						
	09.11 - 12.13	4	2.2	CVR... <Euro4/Euro5> (Diesel)		58014
Transit FT 350 2.2 TDCi						
	09.11 - 12.13	4	2.2	CVR... <Euro4/Euro5> (Diesel)		58014
Transit FT 430 2.2 TDCi						
	09.11 - 12.13	4	2.2	CVR... <Euro4/Euro5> (Diesel)		58014
Transit FT 460 2.2 TDCi						
	09.11 - 12.13	4	2.2	CVR... <Euro4/Euro5> (Diesel)		58014
TS50						
AU	10.99 - 09.00	8	5.0	Z		AU22R-550
AU II	10.00 - 10.01	8	5.0	Z		AU22R-550
AU III	11.01 - 12.02	8	5.6	Z		AU22R-550

GREAT WALL

Haval H2 1.5 T						
	09.13→	4	1.5	GW4G15B		55D26L 110D26L
Haval H6 2.0 T						
	07.14→	4	2.0	GW4C20		55D26R 110D26R
Haval H9 2.0 T						
	06.14→	4	2.0	GW4C20		55D26R 110D26R
V240						
	12.06→	4	2.4	4G69S4N		55D23L 90D23L
X200						
	04.09 - 09.13	4	2.0	GW4D20 (Diesel)		55D26R 110D26R
X240						
	10.09 - 09.13	4	2.4	4G69S4N		55D23L 90D23L

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Adventra						
VY II	08.03 - 08.04	8	5.7	VF <LS1>		22F-550 22F-680
VZ	09.04 - 08.06	8	5.7	VF <LS1>		22F-550 22F-680
	04.05 - 08.06	6	3.6	H7		22F-550 22F-680
Apollo						
JK	08.89 - 07.91	4	2.0	3SFC <L4>		40B19LS
				3SFE <L4>		55D23L 90D23L
JL	08.91 - 02.93	4	2.0	3SFE <L4>		55D23L 90D23L
JM	04.93 - 07.95	4	2.2	5SFE <LA4>		55D23L 90D23L
				6	3.0	3VZFE <LA6>
JP	08.95 - 05.97	4	2.2	5SFE <LA4>		55D23L 90D23L

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JP	08.95 - 05.97	6	3.0	3VZFE <LA6>			55D23L	90D23L
Astra								
TR	09.96 - 09.98	4	1.6	C16SE <L55>			55457	560.060
			1.8	C18SEL <2HO>			55457	560.060
			2.0	X20XEV <L34>			55457	560.060
TS	10.98 - 11.00	4	1.8	X18XE1 <2H9>			56318	575.068
	09.00 - 12.05	4	2.2	Z22SE			56318	575.068
	12.00 - 09.04	4	1.8	Z18XE <Ecotec>			56318	575.068
	09.02 - 08.05	4	2.0	Z20LET <Turbo Ecotec>			55457	560.060
	03.04 - 12.05	4	1.8	Z18XE <Ecotec>			575.068	
AH	03.04 - 03.07	4	1.8	Z18XE <Ecotec>			54316	
	03.05 - 03.10	4	2.0	Z20LER <Turbo Ecotec>			55457	560.060
	08.05 - 03.10	4	1.8	Z18XER <Ecotec>			560.060	
	06.06 - 03.08	4	1.9	Z 19 DTH <Ecotec> (Diesel)			55457	560.060
	12.06 - 03.08	4	2.2	Z22YH <Ecotec>			55457	560.060
Astra Convertible								
TS	09.00 - 08.05	4	2.2	Z22SE			56318	575.068
	05.03 - 12.04	4	2.0	Z20LET <Turbo Ecotec>			55457	560.060
Astra Coupe								
TS	09.00 - 08.05	4	2.2	Z22SE			56318	575.068
Barina								
MF	01.89 - 08.91	4	1.3	G13B <LN5>			40B19RS	
MH	09.91 - 04.94	4	1.3	G13B <LN5>			40B19RS	
SB	04.94 - 07.97	4	1.2	C12NZ <L71>			55457	560.060
			1.4	C14NZ <2H6>			55457	560.060
	04.94 - 09.98	4	1.6	C16XE <L91>; X16XE <L91>			55457	560.060
	08.97 - 03.01	4	1.4	C14SE <L48>			560.060	
XC	04.01 - 10.05	4	1.4	Z14XE			55457	560.060
	09.01 - 10.05	4	1.8	Z18XE <Ecotec>			55457	560.060
	09.03 - 10.05	4	1.4	Z14XEP <Twinport ECO>			575.068	
TK	11.05 - 10.11	4	1.6	F16D3			22FR-550	22FR-680
TM	11.11→	4	1.6	A 16 XER <LDE>			LN3-AGM	
	02.15 - 12.16	4	1.4	A 14 NET		SSN	56219	
Barina Spark								
MJ	10.10 - 04.16	4	1.2	B12D1; B12D2			55066	
Calibra								
YE	09.91 - 10.97	4	2.0	C20LET <M23>; C20NE <ML4>; C20XE <MT5>; X20XEV <L34>			55457	560.060
	08.95 - 10.97	6	2.5	C25XE, X25XE <MG4 F18>			55457	560.060
Caprice								
VQ	03.90 - 10.91	8	5.0	VU			22FR-550	22FR-680
VQ II	12.91 - 02.94	6	3.8	VH <LN3>			22FR-550	22FR-680



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VQ II	12.91 - 02.94	8	5.0	VU	22FR-550	22FR-680
VR	03.94 - 08.94	6	3.8	VH <LN3>	22FR-550	22FR-680
		8	5.0	VU	22FR-550	22FR-680
VR II	09.94 - 04.95	6	3.8	VH <LN3>	22FR-550	22FR-680
		8	5.0	VU	22FR-550	22FR-680
VS	03.95 - 08.96	8	5.0	VU	22FR-550	22FR-680
	04.95 - 08.96	6	3.8	VH <LN3>	22FR-550	22FR-680
VS II	09.96 - 04.98	8	5.0	VU	22FR-550	22FR-680
	09.96 - 05.98	6	3.8	VH <LN3>; VS S/C <L67>	22FR-550	22FR-680
VS III	05.98 - 06.99	6	3.8	VH <LN3>; VS S/C <L67>	22FR-550	22FR-680
		8	5.0	VU	22FR-550	22FR-680
WH	06.99 - 07.01	6	3.8	VH <LN3>; VS S/C <L67>	22F-550	22F-680
		8	5.7	VF <LS1>	22F-550	22F-680
WH II	08.01 - 04.03	6	3.8	VH <LN3>	22F-550	22F-680
		8	5.7	VF <LS1>	22F-550	22F-680
WK	05.03 - 08.04	6	3.8	VH <LN3>	22FR-550	22FR-680
		8	5.7	VF <LS1>	22F-550	22F-680
WL	09.04 - 12.05	8	5.7	VF <LS1>	22F-550	22F-680
	09.04 - 08.06	6	3.6	H7 <Premium>	22F-550	22F-680
	01.06 - 08.06	8	6.0	6M	22F-550	22F-680
WM	09.06 - 05.13	6	3.6	H7 <Premium>	560.060	
		8	6.0	L98 <LS2>	560.060	
WN	06.13 - 08.15	8	6.0	L77	568.060	
	06.13 - 10.15	6	3.6	LWR	568.060	
Captiva						
CG	05.06 - 01.11	6	3.2	HMA <Alloytec>	57013	
	03.07 - 01.11	4	2.0	Z20S1 (Diesel)	59095	
CGII	02.11 - 11.14	4	2.4	LE5	56219	
	02.11 - 08.17	4	2.2	Z 22 D1 <LNQ> (Diesel)	60038	
Captiva AWD						
CGII	02.11 - 12.13	6	3.0	LU1	574.068R	
	02.11 - 08.17	4	2.2	Z 22 D1 <LNQ> (Diesel)	60038	
Colorado						
RC	07.08 - 06.12	4	2.4	Y24SE	55B24LS	
			3.0	4JJ1-TCX (Diesel)	95D31L	125D31L
		6	3.6	H9 <HFV6 Euro3>	110D26L	
RG	06.12 - 10.13	4	2.5	LVN (Diesel)	60038	
	06.12 - 09.16	4	2.8	LWH <APD> (Diesel)	60038	
Colorado 7						
RG	12.12 - 10.14	4	2.8	LWH <APD> (Diesel)	60038	
Combo						
SB	02.96 - 06.97	4	1.4	C14NZ <2H6>	55457	560.060
	08.97 - 12.02	4	1.4	C14SE <L48>	55457	560.060

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XC	10.01 - 04.05	4	1.6	Z16SE	55457	560.060			
	09.04 - 04.12	4	1.4	Z14XEP	54316				
Commodore									
VF	06.13 - 10.15	6	3.0	LFW <SIDI>	574.068R				
Commodore / Calais									
VN	08.88 - 09.91	6	3.8	VH <LN3>	22FR-550	22FR-680			
		8	5.0	VU	22FR-550	22FR-680			
VN II	03.90 - 09.91	6	3.8	VH <LN3>	22FR-550	22FR-680			
		8	5.0	VU	22FR-550	22FR-680			
VP	10.91 - 12.92	6	3.8	VH <LN3>	22FR-550	22FR-680			
		8	5.0	VU	22FR-550	22FR-680			
VP II	01.93 - 06.93	6	3.8	VH <LN3>	22FR-550	22FR-680			
	02.93 - 06.93	8	5.0	VU	22FR-550	22FR-680			
VR	07.93 - 08.94	6	3.8	VH <LN3>	22FR-550	22FR-680			
		8	5.0	VU	22FR-550	22FR-680			
VR II	09.94 - 03.95	6	3.8	VH <LN3>	22FR-550	22FR-680			
		8	5.0	VU	22FR-550	22FR-680			
VS	04.95 - 05.96	6	3.8	VH <LN3>	22FR-550	22FR-680			
		8	5.0	VU	22FR-550	22FR-680			
VS II	06.96 - 07.97	6	3.8	VH <LN3>; VS S/C <L67>	22FR-550	22FR-680			
		8	5.0	VU	22FR-550	22FR-680			
VT	09.97 - 05.99	6	3.8	VH <LN3>; VS S/C <L67>	22F-550	22F-680			
		8	5.0	VM High Performance <LB9>; VM <LB9>	22F-550	22F-680			
VT II	06.99 - 08.00	6	3.8	VH <LN3>; VS S/C <L67>	22F-550	22F-680			
		8	5.7	VF <LS1>	22F-550	22F-680			
VX	10.00 - 07.01	6	3.8	VH <LN3>; VS S/C <L67>	22F-550	22F-680			
		8	5.7	VF <LS1>	22F-550	22F-680			
VX II	08.01 - 09.02	6	3.8	VH <LN3>; VS S/C <L67>	22F-550	22F-680			
		8	5.7	VF <LS1>	22F-550	22F-680			
VY	10.02 - 07.03	6	3.8	VH <LN3>; VS S/C <L67>	22F-550	22F-680			
		8	5.7	VF <LS1>	22F-550	22F-680			
VY II	08.03 - 08.04	6	3.8	VH <LN3>; VS S/C <L67>	22F-550	22F-680			
		8	5.7	VF <LS1>	22F-550	22F-680			
VZ	09.04 - 08.06	8	5.7	VF <LS1>	22F-550	22F-680			
	09.04 - 04.08	6	3.6	HB <Decontent>; H7 <Premium>	22F-550	22F-680			
	01.06 - 08.06	8	6.0	L76	22F-550	22F-680			
VE	09.06 - 05.13	6	3.6	HF LPG <LY7 (LPG)>; HNG	56219				
				H7; H7 <Premium>	56219				
		8	6.0	L98 <LS2>	56219				
VE II	09.06 - 06.13	6	3.6	LFX <SIDI>; LWR	574.068R				
VE	01.09 - 05.13	8	6.0	L76 AFM	56638	574.068			
				09.09 - 05.13	6	3.0	HF <LF1 SIDI>	56219	
						3.6	HV <LLT SIDI>	56219	
				56638	574.068				
VE II	09.12 - 06.13	6	3.0	LFW <SIDI>	574.068R				



							
◀ HOLDEN							
VE II	09.12 - 06.13	8	6.0	L77		574.068R	
VF	06.13 - 10.15	6	3.6	LWR		56219	
Commodore SS							
VF	06.13 - 10.15	8	6.0	L77		568.060	
						56219	
Commodore SV6							
VF	06.13 - 10.15	6	3.6	LFX <SID>		56219	
Commodore Utility							
VG	08.90 - 08.91	6	3.8	VH <LN3>		22FR-550	22FR-680
		8	5.0	VU		22FR-550	22FR-680
VP	09.91 - 06.93	6	3.8	VH <LN3>		22FR-550	22FR-680
		8	5.0	VU		22FR-550	22FR-680
VR	07.93 - 03.95	6	3.8	VH <LN3>		22FR-550	22FR-680
		8	5.0	VU		22FR-550	22FR-680
VS	04.95 - 05.96	6	3.8	VH <LN3>		22FR-550	22FR-680
		8	5.0	VU		22FR-550	22FR-680
VS II	06.96 - 07.97	6	3.8	VH <LN3>		22FR-550	22FR-680
		8	5.0	VU		22FR-550	22FR-680
VS III	05.98 - 12.00	6	3.8	VH <LN3>		22F-550	22F-680
		8	5.0	VU		22F-550	22F-680
VU	12.00 - 07.01	6	3.8	VH <LN3>		22F-550	22F-680
		8	5.7	VF <LS1>		22F-550	22F-680
VU II	08.01 - 09.02	6	3.8	VH <LN3>		22F-550	22F-680
		8	5.7	VF <LS1>		22F-550	22F-680
VY	10.02 - 07.03	6	3.8	VH <LN3>		22F-550	22F-680
		8	5.7	VF <LS1>		22F-550	22F-680
VY II	08.03 - 08.04	6	3.8	VH <LN3>		22F-550	22F-680
		8	5.7	VF <LS1>		22F-550	22F-680
VZ	09.04 - 08.07	6	3.6	HB <HFV6>		22F-550	22F-680
		8	5.7	VF <LS1>		22F-550	22F-680
	01.06 - 08.07	8	6.0	6M		22F-550	22F-680
	05.07 - 08.07	6	3.6	H7 <Premium>		22FR-550	22FR-680
VE	10.07 - 05.13	6	3.6	HB <HFV6>		22FR-550	22FR-680
					H7 <Premium>		22FR-550
		8	6.0	6M		22FR-550	22FR-680
	09.09 - 05.13	6	3.6	HV <LLT SID>; H7 LPG <LY7 (LPG)>		56219	
	8	6.0	L76 AFM		56219		
VE II	09.12 - 06.13	6	3.6	LFX <SID>		574.068R	
		8	6.0	L77		574.068R	
VF	06.13 - 10.15	6	3.6	LFX <SID>		56219	
Commodore Utility SS							
VF	06.13 - 10.15	8	6.0	L77		56219	

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Crewman							
VY II	08.03 - 08.04	6	3.8	VH <LN3>		22F-550	22F-680
		8	5.7	VF <LS1>		22F-550	22F-680
VZ	09.04 - 08.06	6	3.6	HB <HFV6>		22F-550	22F-680
		8	5.7	VF <LS1>		22F-550	22F-680
Cruze							
	12.03 - 06.06	4	1.5	M15A		40B19L	
						40B19R	
JG	05.09 - 02.11	4	1.8	Z18XER <Ecotec>		55457	560.060
			2.0	Z20DMH <LLW> (Diesel)		56638	574.068
JH	03.11 - 03.15	4	2.0	Z20DMH <LLW> (Diesel); Z20D1 <LNP> (Diesel)		59095	
	03.11 - 02.16	4	1.8	F18D4 <2H0>; Z18XER <Ecotec>		56219	
	09.11 - 01.15	4	1.4	A 14 NET <Ecotec>		56219	
	02.15 - 02.16	4	1.6	A 16 LET <Ecotec>		568.060	
Cruze 1.8							
J300	05.09→	4	1.8	F18D4		56219	
Epica							
EP	10.07 - 06.08	6	2.0	X20D1		22FR-550	22FR-680
	10.07 - 02.11	6	2.5	X25D1		22FR-550	22FR-680
	05.08 - 02.11	4	2.0	Z20S1 (Diesel)		59095	
Frontera							
UT	01.95 - 03.99	4	2.0	X20SE OHC <Ecotec>		110D26L	
B	03.99 - 08.05	4	2.2	X22SE		110D26L	
		6	3.2	6VD1		110D26L	
Jackaroo							
UBS	07.88 - 12.90	4	2.6	4ZE1		22FR-550	22FR-680
			2.8	4JB1-T (Diesel)		95D31R	125D31R
	05.92 - 06.95	4	3.1	4JG2 (Diesel)		55D26R	110D26R
		6	3.2	6VD1		55D26R	110D26R
UBS II	07.95 - 12.97	4	3.1	4JG2 (Diesel)		55D26R	110D26R
		6	3.2	6VD1		55D26R	110D26R
L8	01.98 - 09.99	4	3.0	4JX1 (Diesel)		95D31R	125D31R
	01.98 - 01.04	6	3.5	6VE1		55D23R	90D23R
U8	10.99 - 09.04	4	3.0	4JX1 (Diesel)		95D31R	125D31R
Jackaroo 4x4							
UBS	01.91 - 04.92	4	2.8	4JB1-T (Diesel)		95D31R	125D31R
Malibu 2.0 CDRi							
KL3G, V300	06.12 - 11.17	4	2.0	LBS <Euro 5> (Diesel)		60038	
Malibu 2.4							
KL3G, V300	03.12 - 11.17	4	2.4	LE9 <Euro 5>		56219	
Monaro							
V2	12.01 - 12.02	6	3.8	VS S/C <L67>		22F-550	22F-680
		8	5.7	VF <LS1>		22FR-550	22FR-680














							
◀ HOLDEN							
V2 II	01.03 - 07.03	6	3.8	VS S/C <L67>		22F-550	22F-680
		8	5.7	VF <LS1>		22F-550	22F-680
V2 III	08.03 - 08.06	8	5.7	VF <LS1>		22F-550	22F-680
VZ	09.04 - 08.06	8	5.7	VF <LS1>		22F-550	22F-680
Nova							
LE	07.89 - 08.91	4	1.4	6AFC <L41>		22NF-330D	
			1.6	4AFC <LC9>		22NF-330D	
LF	09.91 - 11.92	4	1.4	6AFC <L41>		22NF-330D	
	09.91 - 10.94	4	1.6	4AFC <LC9>; 4AFE <L55>		22NF-330D	
	10.92 - 10.94	4	1.8	7AFE <LV6>		22NF-330D	
LG	09.94 - 09.96	4	1.6	4AFE <L55>		22NF-330D	
			1.8	7AFE <LV6>		22NF-330D	
Rodeo							
	07.88 - 12.90	4	2.6	4ZE1		22FR-550	22FR-680
TF	07.88 - 12.92	4	2.5	4JA1 (Diesel)		95D31R	125D31R
	04.90 - 03.03	4	2.8	4JB1-T (Diesel)		95D31R	125D31R
	01.91 - 12.92	4	2.3	4ZD1		22NF-330D	
	01.91 - 12.96	4	2.6	4ZE1		22FR-550	22FR-680
	11.95 - 05.98	4	2.6	4ZE1		55D23L	90D23L
R7	01.97 - 05.98	4	2.6	4ZE1		55D23L	90D23L
TF	06.98 - 02.03	4	2.2	22NE		55D23L	90D23L
	06.98 - 03.03	6	3.2	6VD1		55D23L	90D23L
	12.01 - 02.03	4	2.8	4JB1-T (Diesel)		95D31L	125D31L
			3.0	4JH1 (Diesel)		95D31R	125D31R
RA	03.03 - 01.06	6	3.5	6VE1		55D23L	90D23L
						55D23R	90D23R
	03.03 - 01.07	4	3.0	4JH1-TC (Diesel)		95D31L	125D31L
RA	03.03 - 06.08	4	2.4	C24SE		55D23L	90D23L
			3.0	4JH1 (Diesel); 4JH1-TC (Diesel)		95D31R	125D31R
	01.06 - 06.08	6	3.6	H9 <HFV6 Euro3>		55D23L	90D23L
Statesman							
VQ	03.90 - 10.91	8	5.0	VU		22FR-550	22FR-680
VQ II	12.91 - 02.94	6	3.8	VH <LN3>		22FR-550	22FR-680
		8	5.0	VU		22FR-550	22FR-680
VR	03.94 - 04.95	6	3.8	VH <LN3>		22FR-550	22FR-680
		8	5.0	VU		22FR-550	22FR-680
VS	03.95 - 08.96	6	3.8	VH <LN3>		22FR-550	22FR-680
		8	5.0	VU		22FR-550	22FR-680
VS II	09.96 - 04.98	6	3.8	VH <LN3>; VS S/C <L67>		22FR-550	22FR-680
	09.96 - 05.98	8	5.0	VU		22FR-550	22FR-680
VS III	05.98 - 06.99	6	3.8	VH <LN3>; VS S/C <L67>		22FR-550	22FR-680
		8	5.0	VU		22FR-550	22FR-680
WH	06.99 - 07.01	6	3.8	VH <LN3>		22FR-550	22FR-680

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WH	06.99 - 07.01	6	3.8	VS S/C <L67>			22F-550	22F-680
			8	5.7	VF <LS1>			22F-550
WH II	08.01 - 04.03	6	3.8	VH <LN3>; VS S/C <L67>			22F-550	22F-680
			8	5.7	VF <LS1>			22F-550
WK	05.03 - 08.04	6	3.8	VH <LN3>; VS S/C <L67>			22F-550	22F-680
	08.03 - 08.04	8	5.7	VF <LS1>			22F-550	22F-680
WL	09.04 - 12.05	8	5.7	VF <LS1>			22F-550	22F-680
	09.04 - 08.06	6	3.6	H7 <Premium>			22F-550	22F-680
	01.06 - 08.06	8	6.0	6M			22F-550	22F-680
WM	09.06 - 08.09	6	3.6	H7 <Premium>			22F-550	22F-680
	09.06 - 08.10	8	6.0	L98 <LS2>			22F-550	22F-680
Suburban								
K8	01.98 - 08.05	8	5.7	L31			22FR-550	22FR-680
			6.5	L65 (Diesel)			22FR-550	22FR-680
Tigra								
XC	09.04 - 09.07	4	1.8	Z18XE <Ecotec>			560.060	
Trax								
TJ	09.13 - 09.17	4	1.4	A 14 NET <Ecotec>			56219	
			1.8	F18D4 <2H0>			56219	
Vectra								
JR	06.97 - 07.98	4	2.0	C20SEL <L34>			55457	560.060
			6	2.5	X25XE <L80>			55457
JS	08.98 - 06.99	4	2.0	C20SEL <L34>			55457	560.060
			2.2	C22SEL <LA9>			22F-550	22F-680
			6	2.5	X25XE <L80>			55457
JS II	07.99 - 08.00	6	2.5	X25XE <L80>			55457	560.060
	07.99 - 09.02	4	2.0	C20SEL <L34>			55457	560.060
			2.2	C22SEL <LA9>			56318	575.068
	09.00 - 09.02	6	2.6	Y26SE			56318	575.068
ZC	09.01 - 12.06	4	2.2	Z22SE			55457	560.060
	08.02 - 03.07	6	3.2	Z32SE <Ecotec>			56318	575.068
Viva								
JF	10.05 - 05.09	4	1.8	F18D3			22FR-550	22FR-680
Zafira								
TT	09.00 - 08.05	4	2.2	Z22SE			55457	560.060
HONDA								
Accord								
CA/CB/CD	11.89 - 09.93	4	2.2	F22A5			55B24RS	
	01.93 - 01.02	4	2.2	F22A6; F22B1			55D23L	90D23L
				F22B3			22F-550DF	
CG	09.97 - 08.02	6	3.0	J30A1			110D26R	
CA/CB/CD	12.97 - 04.99	4	2.3	F23A1			22F-550DF	

								
◀ HONDA								
		12.97 - 07.03	6	3.0	J30A1		110D26R	
		01.99 - 05.03	4	2.3	F23A1		55D23L	90D23L
		09.02 - 11.06	6	3.0	J30A4		55D23R	90D23R
		08.03 - 10.06	4	2.4	K24A4		55B24LS	
		09.07→	4	2.4	K24K2 <DOHC i-VTEC>; K24Z2		55D23L	90D23L
		04.08→	6	3.5	J35Z3 <SOHC i-VTEC>		55D23L	90D23L
Accord Aerodeck								
CA/CB/CD		06.93 - 01.97	4	2.2	F22B1		55D23L	90D23L
CB/CC/CD/CE		10.93 - 06.96	4	2.2	F22B3		55D23L	90D23L
Accord Euro								
CL9		02.03 - 06.08	4	2.4	K24A3		55B24LS	
CU		07.08 - 12.15	4	2.4	K24Z3		55D23L	90D23L
Accord Tourer								
CL/CN/CM		02.03 - 08.08	4	2.4	K24A3		55B24LS	
City								
2PS		09.08 - 12.13	4	1.5	L15A7		40B19L	
Civic								
EC/ED/EE		10.87 - 10.91	4	1.5	D15B4		55B24RS	
EG/EH		10.91 - 09.93	4	1.3	D13B2		55B24RS	
		11.91 - 09.95	4	1.5	D15B4; D15B7; D15Z1; D15Z2		40B19RS	
				1.6	D16A6; D16Y1		40B19RS	
EJ/EK		10.95 - 10.98	4	1.6	B16A2		55B24L	
		10.95 - 09.00	4	1.6	D16A1; D16Y4		55B24RS	
		10.95 - 12.00	4	1.6	D16Y5		55B24RS	
		10.95 - 02.01	4	1.6	B16A2		55B24RS	
					D16Y5		55B24L	
	09.96 - 08.00	4	1.6	B16A2; D16Y8 <VTEC>		55B24RS		
EJ		04.99 - 04.00	4	1.6	D16Y7		55B24L	
EJ/EK		10.00 - 01.06	4	1.7	D17A2		55B24RS	
ES		10.00 - 01.06	4	1.7	D17A2; D17Z1		55B24RS	
		02.01 - 12.02	4	1.4	D14Z5		40B19RS	
		11.01 - 03.05	4	1.3	LDA1		55B24RS	
ES		01.02 - 12.05	4	1.3	LDA1		55B24RS	
ET		05.03 - 12.04	4	2.0	K20A3		55B24RS	
FD		09.05 - 08.10	4	1.8	R18A1		55B24LS	
		11.05 - 01.12	4	1.8	R18A1 <i-VTEC>		55B24LS	
		11.05 - 01.12	4	2.0	K20Z2		55D23L	90D23L
	01.06 - 12.10	4	1.3	LDA2		110D26R		
	04.06 - 08.10	4	2.0	K20A		55B24RS		
UH		06.06 - 01.12	4	1.8	R18A11 <i-VTEC>		55B24RS	
		09.11 - 08.15	4	1.8	R18Z1		55B24L	

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Civic Hatchback								
FK/FN	09.05 - 12.11	4	1.8	R18A2			55B24LS	
	01.07 - 12.11	4	2.0	K20Z4			55B24RS	
Civic Type R 2.0 T i-VTEC Hatchback								
FK/FN	08.15 - 02.17	4	2.0	K20C1			LN2-EFB	
Civic 1.6 i-DTEC Hatchback								
FK/FN	12.12 - 02.17	4	1.6	N16A1 (Diesel)			LN3-AGM	
Civic 1.7 i Sedan								
	10.00→	4	1.7				55B24LS	
Civic 2.0								
2HC	07.12→	4	2.0	R20A1			55B24LS	
Civic 2.0 Sedan S								
	06.12→	4	2.0	R20A1			55B24L	
Concerto								
	11.88 - 07.93	4	1.6	D16A6			55066	
CR-V								
RD	09.96 - 12.01	4	2.0	B20B3			55B24RS	
RD7	01.03 - 10.06	4	2.4	K24A1			55B24LS	
	10.06 - 12.11	4	2.4	K24Z1			55B24LS	
CR-V 1.5i								
RW	08.18→	4	1.5	L15B			LN2-EFB	
CR-V 2.0i								
RM	11.11 - 08.16	4	2.0	R20A			55B24LS	
CRX								
ED/EE	11.87 - 05.92	4	1.6	D16A8			40B19R	
EG/EH	06.92 - 06.98	4	1.6	B16A2			40B19RS	
HR-V 1.8								
	02.15→	4	1.8	R18ZF			55B24LS	
Insight								
ZE	01.00 - 12.06	3	1.0	ECA1			40B19R	
Insight 1.3 Hybrid								
ZE	03.09 - 02.14	4	1.3	LDA3 <MF6>			40B19L	
Integra								
DA	06.89 - 07.93	4	1.8	B18A1			110D26R	
DC	08.93 - 10.99	4	1.8	B18B2; B18C2			110D26R	
	07.01 - 07.06	4	2.0	K20A			55B24RS	
Jazz								
	09.02 - 10.07	4	1.5	L15A			40B19L	
	06.04 - 01.08	4	1.5	L15A1			40B19L	
GE/GG	10.08 - 12.15	4	1.3	L13Z1			40B19L	
	10.08→	4	1.5	L15A <SOHC>			40B19L	





◀ HONDA

Jazz 1.3 Hybrid

GP	09.10 - 12.15	4	1.3	LDA3 <MF6>	40B19L
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Legend

KA	01.87 - 02.91	6	2.7	C27A1	55D26L	110D26L
KA3	10.87 - 02.91	6	2.7	C27A1	55D26L	110D26L
KA	03.91 - 04.96	6	3.2	C32A3	110D26R	
KA8	03.91 - 04.96	6	3.2	C32A3	110D26R	
KA/HS	01.96 - 04.98	6	3.5	C35A2	55B24RS	
	04.98 - 12.04	6	3.5	C35A5	110D26R	
KB	10.04 - 09.08	6	3.5	J35A8		110D26R
					AMS	S95R
	09.08 - 06.12	6	3.7	J37A		110D26R
					AMS	S95R

MDX

YD1	03.03 - 06.06	6	3.5	J35A	55D23L	90D23L
					AMS	S95L

NSX

	09.90 - 12.05	6	3.0	C30A	S95L	
					WW	Q85L

Odyssey

RA	06.95 - 12.97	4	2.2	F22B6 <MPFI>	55D23L	90D23L
	01.98 - 02.00	4	2.3	F23A7	55D26L	110D26L
	03.00 - 06.04	4	2.3	F23Z4	110D26R	
		6	3.0	J30A3	90D23R	
	10.03 - 10.08	4	2.4	K24A	55D23L	90D23L
	10.08 - 11.13	4	2.4	K24A	55B24L	
RC	11.13→	4	2.4	K24W	AMS	Q85L

Odyssey 2.3i

	07.97 - 12.99	4	2.3	F23A	90D23L
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Prelude

BA	04.87 - 01.92	4	2.0	B20A5; B20A6	110D26R	
	10.87 - 12.90	4	2.0	B20A7	22NF-330D	
BB	09.91 - 12.96	4	2.3	H23A1	55D26L	110D26L
	12.91 - 07.02	4	2.2	F22A1; F22A6; H22A1; H22A4	55D26L	110D26L



HSV (HOLDEN SPECIAL VEHICLES)**Avalanche Utility**

VY II	03.04 - 09.04	8	5.7	VF <LS1, Gen III>	22F-550	22F-680
VZ	10.04 - 12.05	8	5.7	VF <LS1, Gen III>	22F-550	22F-680








Avalanche Wagon

VY II	12.03 - 09.04	8	5.7	VF <LS1, Gen III>	22F-550	22F-680
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* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

								
VZ	10.04 - 12.05	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
Avalanche XUV								
VZ	10.04 - 12.05	8	5.7	VF <LS1>			22F-550	22F-680
Clubsport								
VN	08.88 - 10.91	8	5.0	VU			22FR-550	22FR-680
VP	11.91 - 07.93	8	5.0	VU			22FR-550	22FR-680
VR	06.93 - 04.95	8	5.0	VU			22FR-550	22FR-680
VS	05.95 - 08.97	8	5.0	VU			22FR-550	22FR-680
VT	09.97 - 05.99	8	5.0	VM <LB9>			22F-550	22F-680
VT II	06.99 - 08.00	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
VX	09.00 - 08.02	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
VY	09.02 - 08.03	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
VY II	09.03 - 09.04	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
VZ	10.04 - 07.06	8	6.0	VF <LS2, Gen IV>			22F-550	22F-680
Clubsport R8								
VT II	06.99 - 08.00	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
VX	06.00 - 08.02	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
VY	09.02 - 08.03	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
VY II	09.03 - 09.04	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
VZ	10.04 - 07.06	8	6.0	VF <LS2, Gen IV>			22F-550	22F-680
VE	08.06 - 05.13	8	6.0	ZL <LS2 307>			22F-550	22F-680
	03.08 - 05.13	8	6.2	ZLF <LS3 317>			22F-550	22F-680
Clubsport R8 Tourer								
VE	08.06 - 05.13	8	6.0	ZL <LS2 307>			22F-550	22F-680
	03.08 - 05.13	8	6.2	ZLF <LS3 317>			22F-550	22F-680
Coupe GTO								
V2	09.00 - 01.03	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
V2 II	02.03 - 08.03	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
V2 III	09.03 - 09.04	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
VZ	10.04 - 12.06	8	6.0	VF <LS1, Gen IV>			22F-550	22F-680
Coupe GTS								
V2	09.00 - 01.03	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
V2 II	02.03 - 02.04	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
V2 III	03.04 - 12.04	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
Coupe4								
V2 III	06.04 - 09.04	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
VZ	10.04 - 12.05	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
Grange								
VS	05.95 - 05.99	8	5.0	VU			22FR-550	22FR-680
			5.7	VF <LS1>			22FR-550	22FR-680
WH	06.99 - 08.01	8	5.7	VF <LS1, Gen III>			22FR-550	22FR-680
WH II	09.01 - 08.03	8	5.7	VF <LS1, Gen III>			22FR-550	22FR-680
WK	09.03 - 09.04	8	5.7	VF <LS1, Gen III>			22F-550	22F-680



							
◀ HSV							
WL	10.04 - 12.06	8	6.0	VF <LS1, Gen IV>		22F-550	22F-680
WM	08.06 - 05.13	8	6.0	ZL <LS2 307>		22F-550	22F-680
	03.08 - 05.13	8	6.2	ZLF <LS3 317>		22F-550	22F-680
Group A							
VN	06.91 - 12.91	8	5.0	VU		22FR-550	22FR-680
GTS							
VP	11.91 - 07.93	8	5.0	VU		22FR-550	22FR-680
VR	06.93 - 04.95	8	5.7	VF <LS1>		22FR-550	22FR-680
VS	05.95 - 08.97	8	5.7	VF <LS1>		22FR-550	22FR-680
VT	09.97 - 05.99	8	5.7	VF <LS1>		22FR-550	22FR-680
VT II	06.99 - 08.00	8	5.7	VF <LS1, Gen III>		22FR-550	22FR-680
VX	09.00 - 08.02	8	5.7	VF <LS1, Gen III>		22FR-550	22FR-680
VY	09.02 - 09.04	8	5.7	VF <LS1, Gen III>		22FR-550	22FR-680
VZ	10.04 - 07.06	8	6.0	VF <LS2, Gen IV>		22F-550	22F-680
VE	08.06 - 05.13	8	6.0	ZL <LS2 307>		22F-550	22F-680
	03.08 - 05.13	8	6.2	ZLF <LS3 317>		22F-550	22F-680
Maloo							
VG	08.88 - 10.91	8	5.0	VU		22FR-550	22FR-680
VR	06.93 - 04.95	8	5.0	VU		22FR-550	22FR-680
VS	05.95 - 12.00	8	5.0	VU		22FR-550	22FR-680
VU	03.01 - 08.01	8	5.7	VF <LS1, Gen III>		22FR-550	22FR-680
VU II	09.01 - 09.02	8	5.7	VF <LS1, Gen III>		22FR-550	22FR-680
VY	10.02 - 08.03	8	5.7	VF <LS1, Gen III>		22FR-550	22FR-680
VY II	09.03 - 09.04	8	5.7	VF <LS1, Gen III>		22F-550	22F-680
VZ	10.04 - 08.07	8	6.0	VF <LS1, Gen IV>		22F-550	22F-680
VZ II	01.07 - 08.07	8	6.0	ZL <LS2 307>		22F-550	22F-680
VE	03.08 - 05.13	8	6.2	ZLF <LS3 317>		22F-550	22F-680
Maloo R8							
VU	03.01 - 08.01	8	5.7	VF <LS1, Gen III>		22FR-550	22FR-680
VU II	09.01 - 09.02	8	5.7	VF <LS1, Gen III>		22FR-550	22FR-680
VY	10.02 - 08.03	8	5.7	VF <LS1, Gen III>		22FR-550	22FR-680
VY II	09.03 - 09.04	8	5.7	VF <LS1, Gen III>		22F-550	22F-680
VZ	10.04 - 08.07	8	6.0	VF <LS1, Gen IV>		22F-550	22F-680
Senator							
VP	11.91 - 07.93	8	5.0	VU		22FR-550	22FR-680
VR	06.93 - 04.95	8	5.0	VU		22FR-550	22FR-680
			5.7	VF <LS1>		22FR-550	22FR-680
VS	05.95 - 08.97	8	5.0	VU		22FR-550	22FR-680
			5.7	VF <LS1>		22FR-550	22FR-680
VT	09.97 - 05.99	8	5.0	VM <LB9>		22FR-550	22FR-680
			5.7	VF <LS1>		22FR-550	22FR-680
VT II	06.99 - 08.00	8	5.7	VF <LS1, Gen III>		22FR-550	22FR-680
VX	09.00 - 08.02	8	5.7	VF <LS1, Gen III>		22FR-550	22FR-680

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

								
VY	09.02 - 08.03	8	5.7	VF <LS1, Gen III>			22FR-550	22FR-680
VY II	09.03 - 09.04	8	5.7	VF <LS1, Gen III>			22F-550	22F-680
VZ	10.04 - 07.06	8	6.0	VF <LS2, Gen IV>			22F-550	22F-680
VE	08.06 - 05.13	8	6.0	ZL <LS2 307>			22F-550	22F-680
Senator Signature								
VE	03.08 - 05.13	8	6.2	ZLF <LS3 317>			22F-550	22F-680
SV6000								
VZ	10.04 - 07.06	8	6.0	VF <LS2, Gen IV>			22F-550	22F-680
VXR								
AH	10.06→	4	2.0	Z200LER			22F-550	22F-680
XU6								
VT	09.97 - 08.00	6	3.8	VS <L67>			22F-550	22F-680
VX	09.00 - 08.02	6	3.8	VS <L67>			22F-550	22F-680
VY	09.02 - 06.03	6	3.8	VS <L67>			22F-550	22F-680
HYUNDAI								
Accent								
LC	05.00 - 02.03	4	1.5	G4EC-G <DOHC Alpha>			56219	
	10.01 - 09.08	4	1.6	Alpha; G4ED-G			56219	
MC, MCT	04.06 - 02.12	4	1.6	G4ED <(A7) 16AD>			22F-550	22F-680
							56219	
RB	01.11 - 12.12	4	1.6	D4FB <(1E) U162> (Diesel)			55D26R	110D26R
	09.11 - 08.16	4	1.6				50D20L	
Accent 1.6								
RB	11.10 - 08.15	4	1.6	G4FC <(D2) 16GM>			50D20L	
Coupe								
RD	05.96 - 04.02	4	2.0	G4... <Beta>			22FR-550	22FR-680
	07.97 - 04.02	4	1.8	G4GM <Beta>			22FR-550	22FR-680
Elantra								
XD	06.00 - 08.06	4	1.8	G4GB			22F-550DF	
	08.00 - 09.03	4	1.8	G4GB			22F-550	22F-680
	08.00 - 09.06	4	2.0	G4GC... <2.0L MPI DOHC>			22F-550	22F-680
MD, UD	02.11 - 11.15	4	1.8	G4NBB <(N3) 18N>			56219	
Elantra GT 1.8 Hatchback								
MD, UD	09.12 - 08.13	4	1.8				56219	
Elantra GT 2.0 Hatchback								
MD, UD	09.13 - 04.15	4	2.0				50D20L	
Excel								
X2	02.90 - 07.94	4	1.5	G4DJ			22F-550DF	
X3	07.94 - 07.99	4	1.5	G4EK; G4FK <DOHC>			22F-550DF	





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Getz							
TB	10.02 - 09.05	4	1.5	G4EC2 <DOHC Alpha II>		22F-550	22F-680
	03.03 - 08.05	4	1.3	G4E-A		22F-550	22F-680
	09.05 - 06.09	4	1.4	G4EE... <(A5) 14AD>		55066	
	10.05 - 06.09	4	1.6	G4ED...		22F-550	22F-680
Grandeur							
XG	09.98 - 03.02	6	2.5	G6BV <Delta>		110D26L	
	09.98 - 04.03	6	3.0	G6CT <Sigma>; Sigma		110D26L	
TG	12.05 - 11.10	6	3.8	G6DA5 <DOHC>		110D26L	
	07.06 - 11.10	4	2.2	D4EB <(2D) D22> (Diesel)		575.068	
iLoad							
TQ	03.08 - 05.18	4	2.5	D4CB... <(6A) A25> (Diesel); D4CB... <(6A) A25/(6B) A25B> (Diesel)		95D31R	125D31R
iMax							
TQ	03.08 - 05.18	4	2.5	D4CB <(6A) A25> (Diesel)		95D31R	125D31R
	12.08 - 05.18	4	2.5	D4CB... <(6A) A25/(6B) A25B> (Diesel)		125D31R	
ix35							
LM, EL	11.10 - 08.15	4	2.4	G4KG <L4 Theta FR>		110D26L	
iX35							
LM, EL	01.10 - 08.13	4	2.0	G4KD <(L5) 20T2>		55D23L	90D23L
	01.10 - 07.15	4	2.0	D4HA <(2E) R20> (Diesel)		95D31R	125D31R
ix35 2.4 4x4							
LM, EL	11.10 - 07.15	4	2.4	G4KE <(L6) 24T2>		110D26L	
i20							
PB, PBT	01.09 - 03.12	4	1.6	G4FC <(D2) 16GM>		50D20L	
	01.09 - 10.14	4	1.4	G4FA <(D1) 14GM>		50D20L	
i30							
FD, FDH	09.07 - 04.12	4	2.0	G4GC... <(B2) 20BT>		55D23L	90D23L
	09.07 - 09.12	4	1.6	D4FB <(1C) U16/ (1E) U162> (Diesel)		LN3-AGM	
	03.08 - 03.11	4	2.0	G4GC... <(B2) 20BT>		55066	
	03.08 - 09.12	4	1.6	G4FC <(D2) 16GM>		40B19L	
GD	12.11 - 04.17	4	1.6	D4FB <(1E) U162> (Diesel)		LN3-AGM	
	02.14 - 04.17	4	1.8	G4NBB <(N3) 18N>		55D23L	90D23L
i30 1.6 GDI							
GD	12.11 - 04.17	4	1.6	G4FD <(D2) 16GM>		55066	
i30 1.6 GDI CW							
GD	03.12 - 04.17	4	1.6	G4FD <(D2) 16GM>		55D23L	90D23L
i40							
VF	04.11 - 06.15	4	1.7	D4FD <(1F) U172> (Diesel)		110D26L	

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

								
VF	04.11→	4	1.7	D4FD <(1F) U172> (Diesel)	55D26R	110D26R		
			2.0	G4NC <(2G) N20>	110D26L			
i45								
YF	04.10 - 01.13	4	2.0		55D26R	110D26R		
	09.10 - 03.14	4	2.4	G4K... <(L6) 24T2>	110D26L			
Lantra								
J1	10.90 - 04.95	4	1.6	G4CR <New Sirius>	22FR-550	22FR-680		
				G4DJ <New Sirius>	22F-550DF			
	06.92 - 04.95	4	1.8	G4CN <New Sirius>	22FR-550	22FR-680		
J2	08.95 - 02.01	4	1.8	G4GM	55D23L	90D23L		
Santa Fe								
SM	02.00 - 12.05	4	2.4	G4JSX	56219			
CM	03.06 - 11.09	4	2.2	D4EB <(2D) D22> (Diesel)	574.068			
			6	G6EA <(F1) 27MU>	574.068			
	01.07 - 08.09	6	3.3		110D26L			
	09.09 - 08.12	6	3.5		55D26R	110D26R		
Santa Fe Sport 2.4 4x4								
DM	09.13→	4	2.4		55D26R	110D26R		
Santa Fe 2.4 GDI 4WD								
DM	09.12 - 04.18	4	2.4	<(L6) 24T2>	55D26R	110D26R		
Santa Fe 4WD								
DM	09.12 - 08.17	4	2.2	D4HB <(2F) R22> (Diesel)	95D31R	125D31R		
Scoupe								
	02.90 - 05.95	4	1.5	G4DJ; G4DJ <New Orion>; G4EK <Alpha>; G4EK <SOHC>; G4EK-TC <Alpha>	22FR-550	22FR-680		
Sonata								
Y2	01.89 - 10.93	4	2.4	G4CS VIN-S <New Sirius 4G64>	22FR-550	22FR-680		
	09.89 - 06.93	6	3.0	G6AT <6G72>	22FR-550	22FR-680		
EF	01.02 - 12.05	6	2.4	Sirius I4 <DOHC>	22F-550DF			
	10.02 - 07.05	6	2.7	Delta V6	110D26L			
NF	10.05 - 12.11	4	2.4	G4JSY <VTVT>	560.060			
Sonata II								
Y3	07.93 - 04.96	4	2.0	G4CP <New Sirius>	22FR-550	22FR-680		
					22FR-610	22FR-680		
	07.93 - 06.98	6	3.0	G6AT	22FR-550	22FR-680		
Sonata III								
EF	03.98 - 03.01	6	2.5	G6AV	574.068			
Sonata IV								
EF	01.01 - 09.04	4	2.0	G4JP	22F-550DF			
	04.01 - 01.06	6	2.7	G6BA	56219			
Sonata V								
NF	12.04 - 12.08	6	3.3	G6DB <(J1) 33LD>	22F-550DF			









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Terracan						
HP	01.01 - 07.08	6	3.5	G6CU <DOHC Sigma>; G6CU1 <Sigma>		110D26R
	11.03 - 10.06	4	2.9	J3 (Diesel)		95D31R 125D31R
Tiburon						
RD	04.96→	4	1.5	G4EK <DOHC Alpha>		110D26L
GK	03.02 - 12.03	4	2.0	G4GC...		110D26L
	03.02 - 08.09	6	2.7	G6BA...		110D26L
Trajet						
FO	01.00 - 06.07	6	2.7	G6BA...		56219
Tucson						
JM	09.04 - 03.10	4	2.0	G4GC		110D26L
		6	2.7	G6BA...		110D26L
	09.07 - 03.10	4	2.0	G4GC		55D23L 90D23L
Tucson 1.6 T-GDI 4WD						
TL	06.15 - 08.18	4	1.6	G4FJ <D2 Gamma>		560.060
Tucson 2.0 CRDI 4WD						
TL	06.15→	4	2.0	D4HA <(2E) R20> (Diesel)		S95L
Veloster						
FS	06.11 - 08.16	4	1.6	G4FD <(D2) 16GM>		56219
Veloster G 1.6 GDI						
FS	03.11 - 05.17	4	1.6	G4FD		574.068
Veloster G 1.6 T-GDI						
FS	04.12 - 05.17	4	1.6	G4FJ <D2 Gamma>		574.068
Veloster Turbo						
FS	02.12 - 05.15	4	1.6	G4FJ <D2 Gamma>		55065
INFINITI						
FX30d 3.0 4x4						
S51	03.10 - 12.13	6	3.0	V9X (Diesel)		58014
FX50 5.0 4x4						
S51	07.08 - 12.13	8	5.0	VK50VE		110D26L
M30d 3.0						
Y51	07.10 - 12.13	6	3.0	V9X (Diesel)		58014
M35h 3.5						
Y51	01.11 - 12.13	6	3.5	VQ35HR HM34		110D26L
M37 3.7						
Y51	05.10 - 12.13	6	3.7	VQ37VHR		110D26L
QX70 3.0 Turbo AWD						
S51	11.13 - 12.16	6	3.0	V9X (Diesel)		110D26L

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

		 Cyl.	 CC	 Engine Code		 OEM Equivalent	 PREMIUM Upgrade
QX70 5.0 AWD							
S51	11.13→	8	5.0	VK50VE		110D26L	
Q50 2.2							
V37	07.13 - 12.18	4	2.1	OM 651 LA <Euro 5 / P-7 (EGR)> (Diesel)		110D26L	
Q50 3.5 Hybrid							
HV37	07.13→	6	3.5	VQ35HR		110D26L	
Q50 3.5 Hybrid AWD							
HV37	07.13→	6	3.5	VQ35HR		110D26L	
Q70							
Y51	10.13 - 12.15	6	3.0	V9X (Diesel)		110D26L	
	10.13 - 08.16	6	3.7	VQ37VHR		110D26L	
Q70 Hybrid							
Y51	10.13→	6	3.5	VQ35HR		110D26L	
ISUZU							
D-Max							
	05.02→	4	3.0	4JH1-TC (Diesel); 4JJ1-TC <EPA 04> (Diesel)		95D31L	125D31L
Elf							
	02.86 - 04.95	4	3.6	4BE1 (Diesel)		55D23R	90D23R
					KZN,ZE	90D23R	
	05.93 - 12.06	4	3.1	4JG2 (Diesel)		55D23R	90D23R
	06.04 - 12.06	4	3.1	4JG2 (Diesel)	AG,ZE	90D23R	
Elf 5.0 Diesel							
	02.00 - 05.04	4	5.0	4HJ1 (Diesel)		55D23R	90D23R
					KZN,ZE	90D23R	
					KZO,ZE	90D23R	
Isuzu							
	05.01→	6	7.8	6HK1 (Diesel); 6HK1-TC (Diesel)		110D26R	
Mu							
	04.89 - 10.93	4	2.6	4ZE1		55D26R	110D26R
						55D26R	110D26R
	07.90 - 10.93	4	2.8	4JB1-T (Diesel)		55D26R	110D26R
	10.93→	4	3.1	(Diesel); 4JG2 (Diesel)		55D26R	110D26R
	05.98 - 07.01	4	3.0	4JX1 (Diesel)		55D26R	110D26R
	05.00 - 05.02	6	3.2	6VD1		55D26R	110D26R
	10.04→	4	3.0	4JJ1-TCX (Diesel)		55D26R	110D26R
NHR							
	01.85 - 12.95	4	2.5	4JA1AG (Diesel)		95D31R	125D31R
NKR							
	02.86 - 12.96	4	3.3	4BC2 (Diesel)		95D31R	125D31R
						95D31R	125D31R
	03.96 - 12.01	4	3.1	4JG2 (Diesel)		95D31R	125D31R
	09.08→	4	4.3	4HF1-S <JGFY3> (Diesel)		110D26L	





◀ ISUZU

NLR

700N	09.08→	4	3.0	4JJ1-TC (Diesel)	110D26L	
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NPR

	01.81→	4	3.9	4BD1 (Diesel); 4BD1T (Diesel); 4BD2TC (Diesel)	95D31R	125D31R
	03.96 - 06.06	4	3.1	4JG2 (Diesel)	95D31R	125D31R

NPR400

700N	09.08→	4	5.2	4HK1-TCN (Diesel)	110D26R	
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NPS300

700N	09.08→	4	5.2	4HK1-TCN (Diesel)	110D26L	
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N-Series

	06.93 - 09.02	4	3.0	4KH1 (Diesel)	110D26R	
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Trooper

UB	04.00 - 08.03	4	3.0	4JX1 (Diesel)	95D31R	125D31R
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IVECO**Daily A40-10 Turbo**

	05.96 - 05.99	4	2.8	8140.23.37... <Euro 2> (Diesel)	60038	
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Daily 29 L 14

	09.04 - 03.06	4	2.3	F1AE0481M.. (Diesel)	56318	575.068
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Daily 35 C 14

	09.04 - 03.06	4	3.0	F1CE0481A.. (Diesel)	60038	
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Daily 35 C 17

	09.04 - 03.06	4	3.0	F1CE0481B (Diesel)	60038	
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Daily 35 S 13

	05.99 - 03.06	4	2.8	8140.43S.4... (Diesel)	60038	
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Daily 35 S 14

	09.04 - 03.06	4	2.3	F1AE0481M.. (Diesel)	56318	575.068
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Daily 35 S 17

	09.04 - 03.06	4	3.0	F1CE0481B (Diesel)	56318	575.068
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Daily 40 C 13

	01.01 - 09.04	4	2.8	8140.43S.43... (Diesel)	56318	575.068
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Daily 40 C 14

	09.04 - 03.06	4	3.0	F1CE0481A.. (Diesel)	56318	575.068
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Daily 40 C 17

	09.04 - 03.06	4	3.0	F1CE0481B (Diesel)	56318	575.068
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Daily 40-10 Turbo 4x4

	05.96 - 05.99	4	2.8	8140.23.3801 <Euro 2> (Diesel)	60038	
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* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.



Daily 49-10 Turbo						
	05.96 - 05.99	4	2.8	8140.23.3713 <Euro 2> (Diesel)		60038
Daily 50 C 14						
	09.04 - 03.06	4	3.0	F1CE0481A.. (Diesel)		56318 575.068
Daily 50 C 15						
	05.01 - 09.04	4	2.8	8140.43N.43... (Diesel)		56318 575.068
Daily 50 C 17						
	09.04 - 03.06	4	3.0	F1CE0481B (Diesel)		56318 575.068
Daily 65 C 14						
	09.04 - 03.06	4	3.0	F1CE0481A.. (Diesel)		56318 575.068
Daily 65 C 15						
	05.00 - 09.04	4	2.8	8140.43N.43... (Diesel)		56318 575.068
Daily 65 C 17						
	09.04 - 03.06	4	3.0	F1CE0481B (Diesel)		56318 575.068

JAGUAR

Daimler						
	03.79 - 12.92	12	5.3	; 7P <Kat.>		60038
	10.86 - 12.90	6	3.6	9 DPANA <AJ6>		55457 560.060
	09.89 - 10.98	6	4.0	9EPCNA <AJ6 Kat.>; 9JPF8B <AJ16>		60038
	12.93 - 12.94	12	6.0	8C		60038
	09.97 - 08.02	8	4.0	DC <AJV8>		60038

Sovereign						
	09.89 - 08.99	6	4.0	AJ6		574.068
	03.93 - 12.95	12	6.0			60038
	09.97 - 08.02	8	4.0	BC <AJ-V8>		574.068

S-Type						
	10.98 - 04.02	8	4.0	GC GB		60038
	10.98 - 03.08	6	3.0	FC FB		60038
	10.01 - 07.05	6	2.5	JV6		60038
	10.01 - 03.08	8	4.2	HB; 1B		60038
	06.04 - 03.08	6	2.7	276DT 7B/7G (Diesel)		60038

XF						
X250	03.08 - 02.09	6	2.7	AJD (Diesel)		60038
	03.08 - 10.10	8	4.2	SV82G		60038
	02.09 - 08.12	8	5.0	508PN		60038
	03.09 - 10.15	6	3.0	306DT <AJ-TD6> (Diesel)		60038

XF 3.0 S						
X260	10.15→	6	3.0	306PS <GDI>		LN4-AGM
XF 20d						
X260	10.15→	4	2.0	204DTD (Diesel)		LN4-AGM





◀ JAGUAR

XJR						
X350	03.03 - 07.10	8	4.2	AJ-V8		60038
XJR8						
X308	09.97 - 09.02	8	4.0	DC <AJV8>		60038
XJS						
	03.92 - 09.96	12	6.0			574.068
XJ6						
	09.89 - 09.94	6	4.0	AJ6 <Kat.>		574.068
	10.90 - 09.94	6	3.2	9BPMNA <AJ6>		574.068
X300	10.94 - 12.98	6	4.0	AJ16		574.068
X350	10.05 - 07.10	6	2.7	AJD (Diesel)		574.068
XJ8						
X308	09.97 - 08.02	8	3.2	AC <AJV8>		60038
			4.0	BC <AJV8>		60038
X350	03.03 - 07.10	8	3.5	AJ-V8		60038
			4.2	AJ-V8		60038
XJ12						
	10.93 - 12.99	12	6.0	8D		574.068
XK						
	02.09→	8	5.0	508PN		60038
XK 8 4.2 R 32V Coupe						
	03.06 - 02.09	8	4.2	(A34) <AJ-V8>		60038
XKR						
	02.09 - 07.15	8	5.0	508PS <AJ133>		60038
XKR-S						
	01.11 - 07.14	8	5.0	AJ-V8		60038
XKR8						
	03.98 - 09.02	8	4.0	EC <AJV8>		60038
				(A34) <AJ-V8>		60038
XK8						
	03.96 - 09.02	8	4.0	CE,CC,NC,NB <AJV8>		60038
				5G <AJ-V8>		60038
X-Type						
	03.01 - 11.09	6	2.5	XB		LN3-EFB
						574.068
	03.02 - 10.07	6	2.0	YB		LN3-EFB
						574.068
	09.05 - 11.09	4	2.2	QJBA BG (Diesel)		58014

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.



X-Type 2.0 Estate	03.03 - 10.05	6	2.0	YB		LN3-EFB
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JEEP

Cherokee

XJ	09.93 - 08.01	6	4.0	ERH		574.068
	10.95 - 12.01	4	2.5	ENC,ENO <VM HR 425 CLIRX> (Diesel)		574.068R
KJ	03.01 - 12.04	4	2.5	ENJ, ENO (Diesel)		574.068R
	03.01 - 12.07	4	2.4	ED1,EDO		55457 560.060
		6	3.7	EKG <K>		LN3-EFB
						55457 560.060
	03.03 - 12.07	4	2.8	ENR (Diesel)		56217
KK	01.08 - 12.13	4	2.8	ENS (Diesel)		110D26R
KL	01.14 - 08.18	4	2.0	(Diesel)		LN3-AGM
	01.14→	6	3.2	EHB		LN3-AGM

Cherokee 3.7 4x4

KK	01.08 - 12.13	6	3.7	EKG		58014
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Commander

XH	01.06 - 08.11	6	3.0	EXL (Diesel)		60038
		8	4.7	EVA <N>		574.068
			5.7	EZ... <2>		574.068

Compass

MK	10.06 - 12.17	4	2.0	EC... (Diesel)		55457 560.060
			2.4	ED...		55457 560.060
					BAP,JS6, X23	Q85R
	09.08 - 08.15	4	2.0	ECN		22FR-550 22FR-680
				BAP,JS6, X23	Q85R	

Grand Cherokee

ZG	09.92 - 04.99	6	4.0	ERH <6L <S MPI>>		574.068R
WJ	09.98 - 08.04	6	4.0	ERH		574.068R
		8	4.7	EVA		574.068R
WG	09.00 - 12.04	6	4.0	ERH,ERO <Power Tech>		574.068
		8	4.7	EVA <Power Tech>; EVC-HO,V8, MPI <High-Output>		574.068
	10.01 - 12.04	5	2.7	ENF (Diesel)		60038
WK	09.04→	6	3.7	EKG		58014
WH	03.05 - 09.10	8	4.7	EVA,EVO <Power TechV8>		574.068
			5.7	EZB,EZO <Hemi V8>		574.068
	03.05 - 10.11	6	3.0	EXL (Diesel)		60038
	01.06 - 09.10	8	6.1	ESF		58014
WK	01.06 - 09.10	8	6.1	ESF		58014
	09.08 - 08.15	8	5.7	EZH		LN4-AGM
WK2	10.10 - 08.15	6	3.6	ERB		LN4-AGM













◀ JEEP

WK2	04.11→	6	3.0	VM-23D (Diesel)		60038
Grand Cherokee 3.6 FFV						
WK2	09.10→	6	3.6	ERB		LN4-AGM
Grand Cherokee 6.4 SRT8 4x4						
WK2	07.11→	8	6.4	ES...		LN4-AGM
Patriot						
MK	10.06 - 12.09	4	2.0	EC... (Diesel)		56217
	10.06 - 08.18	4	2.4	ED...		22FR-550 22FR-680
					BAP,JS6, X23	Q85R
	09.08 - 08.15	4	2.0	ECN		22FR-550 22FR-680
			2.4		BAP,JS6, X23	Q85R
						22FR-550 22FR-680
Renegade 1.4 MultiAir						
	07.14→	4	1.4	55263624		LN3-EFB
Renegade 2.4 Tigershark 4x4						
	07.14 - 08.18	4	2.4			LN3-EFB
Wrangler						
TJ	01.97 - 02.07	6	4.0	ERH		56217
JK	01.07 - 12.11	6	3.8	EGT		LN3-EFB
						110D26R
						55458
	01.07 - 08.18	4	2.8	ENS (Diesel)		95D31R 125D31R
10.11 - 08.19	6	3.6	ERB		LN3-EFB	
						56318 575.068
KIA						
Carens						
FC	04.99 - 05.02	4	1.8	TB <TED>		56219
Carnival						
	01.98 - 12.01	6	2.5	KV6 <DOHC>		110D26L
UP	09.99 - 09.01	6	2.5	K5		110D26L
	10.01 - 06.06	6	2.5	K5		125D31L
MB	04.06 - 12.12	6	2.7	G6EA <2.7L-MU>		110D26L
	07.06→	6	3.8			110D26L
Carnival / Grand Carnival 2.2 CRDi						
MB	01.10 - 06.14	4	2.2	D4HB <(2F) R22> (Diesel)		95D31L 125D31L
Carnival II 2.5i V6						
	10.01 - 12.05	6	2.5	KRV6		90D23L

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

								
Cerato								
FE	04.04 - 01.09	4	2.0	G4GC			55D23L	90D23L
TD	09.09 - 08.13	4	2.0				55D23L	90D23L
Cerato Koup								
	07.10→	4	2.0	2.0 Theta II <2.0 Theta II>			55D23L	90D23L
Ceres								
	11.94 - 12.03	4	2.2	SC (Diesel)			95D31R	125D31R
	06.99→	4	2.4	SC (Diesel)			95D31R	125D31R
Credos								
	02.98 - 07.00	4	2.0	FE <DOHC FED>			55457	560.060
Forte 2.0								
	09.13→	4	2.0				55D23L	90D23L
Grand Carnival								
VQ	04.06 - 12.12	4	2.9	J3 (Diesel)			55D26L	110D26L
K 2700								
SD	04.98 - 08.04	4	2.7	J2 (Diesel)			95D31R	125D31R
	08.04 - 12.06	4	2.7	J2 (Diesel)			95D31R	125D31R
K 2900								
	01.04 - 12.11	4	2.9	J3 (Diesel)			125D31L	
Mentor								
FA	09.96 - 12.97	4	1.5	B5			55D23L	90D23L
FX	01.98 - 12.00	4	1.5	B5D			55457	560.060
			1.8	TE <B5D>			55457	560.060
Optima								
	07.00 - 04.02	6	2.5	G6B <DOHC>			110D26L	
	03.03 - 05.06	6	2.7	G6BA			110D26L	
TF	09.10 - 08.13	4	2.4				55D26R	110D26R
Pregio								
TB	02.97 - 12.06	4	2.7	J2 (Diesel)			95D31L	125D31L
Rio								
DC	07.00 - 02.05	4	1.5	A5D			55D23L	90D23L
JB, DE	03.05 - 09.11	4	1.4	G4EE			55D23L	90D23L
	03.05 - 09.12	4	1.6	G4ED			55D23L	90D23L
UB	06.11→	4	1.4	G4FA <1400 Gamma>			55D23L	90D23L
Rio 1.6								
UB	09.11 - 08.15	4	1.6	Gamma 1.6 GDI			50D20L	
Rio 1.6 Hatchback								
UB	09.11 - 08.15	4	1.6	G4FD			55D23L	90D23L
Rondo CRDi								
RP	01.13→	4	1.7	D4FD (Diesel)			110D26L	





◀ KIA

Rondo GDI

RP	01.13→	4	2.0	G4NC <(2G) N20>	560.060	
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Shuma

FB	01.00 - 12.00	4	1.8	TE <T8D>	56318	575.068
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Sorento

JC,BL	03.03 - 05.08	6	3.5	G6CU	125D31R	
	03.06 - 08.09	4	2.5	D4CB (Diesel)	125D31R	
	12.06 - 08.08	6	3.8	G6DA	110D26R	
	12.06 - 08.09	6	3.3	G6DB	110D26R	
XM	09.09→	4	2.2	D4HB <2.2L-R> (Diesel)	95D31R	125D31R

Sorento 3.5

JC,BL	09.10 - 08.13	6	3.5	G6DC <J4 Lambda2>	110D26L	
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Soul

AM	02.09 - 12.14	4	1.6	D4FB <1600 U2> (Diesel); G4FC <1600 Gamma>	560.060	
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Spectra

FB	01.01 - 12.09	4	1.8	TE	55457	560.060
	04.01 - 06.04	4	1.8	TE <T8D>	56219	

Sportage

AL	01.97 - 10.98	4	2.0	FED	55458	
KM	01.06 - 04.07	4	2.0	D4EA-... (Diesel)	95D31L	125D31L
	05.07 - 05.10	4	2.0	G4GC	55D23L	90D23L
SL	01.11→	4	2.0	D4HA (Diesel)	95D31L	125D31L

Sportage 2.0 CRDi AWD

SL	07.10→	4	2.0	D4HA (Diesel)	95D31R	125D31R
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Sportage 2.4 4x4

	09.10 - 08.13	4	2.4		55D26R	110D26R
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LADA**Niva**

	07.83 - 12.96	4	1.6	2121	56217	
	01.93 - 12.99	4	1.7	2121.3	56217	

Samara

	07.88 - 09.90	4	1.3	2108	56217	
	09.91 - 02.96	4	1.5	21083	22FR-550	22FR-680

LAMBORGHINI**Diablo**

	01.90 - 12.97	12	5.7		574.068	
	01.98 - 12.01	12	5.7		56638	574.068
	10.99 - 12.01	12	6.0		56638	574.068

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.



Murcielago	01.02 - 02.06	12	6.2	V12 48V	574.068
	09.06 - 08.10	12	6.5		574.068


LAND ROVER GROUP

Defender						
LD,L316	08.90 - 12.01	4	2.5	Gemini TCI D.I. 23L <200/300 Tdi> (Diesel)	95D31R	125D31R
Series 110	08.90 - 12.01	4	2.5	Gemini TCI D.I. 23L <200/300 Tdi> (Diesel)	22FR-550	22FR-680
LD,L316	06.98 - 07.07	5	2.5	Td5 (Diesel)	31-1000	
				10P (Diesel)	31-1000	
					95D31L	125D31L
	05.07 - 08.11	4	2.4	DT244 (Diesel)	110D26R	

Defender 90 2.2 Td4 AWD						
LD,L316	08.11 - 02.16	4	2.2	DT224 <16V TC I4 DSL> (Diesel)	110D26R	

Defender 110 2.2 Td4 AWD						
LD,L316	08.11 - 02.16	4	2.2	DT224 <16V TC I4 DSL> (Diesel)	110D26R	


Defender 130 2.2 Td4 AWD						
LD,L316	09.11 - 02.16	4	2.2	DT224 <16V TC I4 DSL> (Diesel)	110D26R	


Discovery						
LJ	09.89 - 12.98	4	2.5	19L 21L 22L 23L 300 (Diesel); 200 Tdi (Diesel)	55D26R	110D26R
		8	3.5	22D <V8F-EFI-KAT>	55D26R	110D26R
	10.93 - 12.99	8	3.9	V8 3.9 <Efi>	55D26R	110D26R
LT,318	10.98 - 08.04	5	2.5	15P 10P (Diesel)	31-1000	
		8	4.0	36D 94D 56D <OHV>	31-1000	
					FGO,JS7	S95R
LA,L319	09.04 - 08.09	6	4.0	406PN	31-1000	
	09.04 - 08.10	6	2.7	276DT (Diesel)	60038	
	09.09 - 08.14	8	5.0	508PN <AJ133>	60038	
	09.09 - 12.17	6	3.0	306DT <AJ-TD6> (Diesel)	 LN5-AGM	

Discovery IV 3.0 TDV6 AWD						
LA,L319	09.10 - 12.17	6	3.0	306DT <AJ-TD6> (Diesel)	60038	

Discovery IV 3.0 4X4						
LA,L319	09.13 - 08.16	6	3.0	306PS <GDI>	 LN5-AGM	

Discovery Sport 2.0 Si4 AWD						
LC,L550	09.14 - 05.19	4	2.0	204PT <GTDI>	58014	
					 LN4-AGM	





Discovery Sport 2.2 SD4 AWD						
LC,L550	09.14 - 08.17	4	2.2	224DT (Diesel)	58014	
					 LN4-AGM	

Discovery Sport 2.2 TD4 AWD						
LC,L550	09.14 - 08.17	4	2.2	224DT (Diesel)	58014	
					 LN4-AGM	











◀ LAND ROVER GROUP

Freelander						
LN	09.97 - 10.06	4	2.0	TD4 204D3 (Diesel); 20T2N <L-Serie> (Diesel)	56638	574.068
	09.01 - 10.06	6	2.5	25 K4F <KV6>	LN3-EFB	
					56318	575.068
LF	10.06 - 11.12	6	3.2	B6324S	LN3-EFB	
Freelander II						
LF	10.06 - 10.14	4	2.2	224DT (Diesel)	574.068	
Freelander 2 SD4 AWD						
LF	09.10 - 11.14	4	2.2	224DT (Diesel)	574.068	
Freelander 2 Si4 AWD						
LF	10.12 - 11.14	4	2.0	204PT <GTDI>	LN3-EFB	
					110D26R	
Land Rover 90						
	11.83 - 08.90	8	3.5	V8	55D26R	110D26R
Land Rover 110						
	10.83 - 07.90	0	3.9	(Diesel)	22FR-550	22FR-680
	11.83 - 07.90	8	3.5	V8	55D26R	110D26R
Range Rover						
	11.88 - 08.94	8	3.9	37D,38D <V8-EFI-KAT>	22FR-550	22FR-680
LP	09.94 - 08.02	8	4.0	42D	31-1000	
			4.6	...	110D26R	
LM,L322	03.02 - 07.05	8	4.4	44 8S 2 <M62 B44>	60038	
	03.02 - 09.06	6	2.9	30 6D 1 <M57 D30> (Diesel)	60038	
	03.05 - 08.09	8	4.2	428PS <AJ-V8>	60038	
LS,L320	03.05 - 08.09	6	2.7	276DT (Diesel)	60038	
	08.05 - 08.09	8	4.4	448 PN	60038	
	01.07 - 08.09	8	3.6	368DT (Diesel)	60038	
LG,L405	09.09 - 01.13	8	5.0	508PN <SGDI NA>	60038	
Range Rover Evoque 2.0 Si4 AWD						
LV,L538	09.11 - 08.17	4	2.0	204PT <GTDI>	 LN3-AGM	
Range Rover Evoque 2.2 eD4						
LV,L538	09.12 - 08.17	4	2.2	224DT (Diesel)	 LN3-AGM	
Range Rover Evoque 2.2 SD4 AWD						
LV,L538	09.11 - 08.15	4	2.2	224DT (Diesel)	 LN3-AGM	
Range Rover Evoque 2.2 TD4 AWD						
LV,L538	09.11 - 08.15	4	2.2	224DT (Diesel)	 LN3-AGM	
Range Rover III 4.4 TDV8 AWD						
LM,L322	09.10 - 01.13	8	4.4	448DT <4,4l DOHC V8 DITC> (Diesel)	60038	
Range Rover Sport						
LS,L320	03.05 - 08.09	8	4.2	428 PS	60038	

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

							
LS,L320	09.09 - 08.13	6	3.0	306DT <AJ-TD6> (Diesel)			60038
Range Rover Sport 3.0 AWD							
LW,L494	09.13→	6	3.0	306PS <GDI>			LN5-AGM
Range Rover Sport 3.0 SD AWD							
LS,L320	06.11 - 08.13	6	3.0	306DT <AJ-TD6> (Diesel)			60038
Range Rover Sport 3.0 SDV6 AWD							
LW,L494	09.13→	6	3.0	306DT <AJ-TD6> (Diesel)			LN5-AGM
Range Rover Sport 3.0 SDV6 Hybrid AWD							
LW,L494	10.13→	6	3.0	306DT <AJ-TD6> (Diesel)			60038
Range Rover Sport 3.0 TDV6 AWD							
LW,L494	09.13→	6	3.0	306DT <AJ-TD6> (Diesel)			LN5-AGM
Range Rover Sport 4.4 SDV8 AWD							
LW,L494	01.14→	8	4.4	448DT (Diesel)			60038
Range Rover Sport 5.0 AWD							
LW,L494	09.13→	8	5.0	508PS <AJ133 OHC.SGDI SC>			LN5-AGM
Ranger Rover Sport							
LS,L320	09.09 - 08.13	8	5.0	5.0 SGM <AJ133>			60038
LEXUS							
CT200h							
ZWA10	01.11→	4	1.8	2ZRFXE			55B24R
ES 2.5 i Hybrid							
AXZH10	10.18→	4	2.5	A25AFXS			LN2-EFB
ES 300h 2.5 i							
AVV60L	06.12→	4	2.5	2ARFXE			55B24R
ES 350 3.5 i							
GSV60L	06.12→	6	3.5	2GRFE			110D26L
ES300							
VCV10	03.92 - 08.96	6	3.0	3VZFE			55D23L 90D23L
MCV20	08.96 - 07.01	6	3.0	1MZFE			55D26L 110D26L
MCV30	07.01 - 05.04	6	3.0	1MZFE			55D23L 90D23L
GS F 5.0i							
URL10	11.15→	8	5.0	2URGSE			S95L
GS 3.5i							
GRL12	11.15→	6	3.5	2GRFKS	AMS		S95L
GS 200t 2.0 i Turbo							
ARL10	09.16→	4	2.0	8ARFTS			S95L
GS 300h 2.5 i							
AWL10	09.13→	4	2.5	2ARFSE			110D26R
















◀ LEXUS

GS 450h 3.5 i							
GWL10	03.12→	6	3.5	2GRFXE			110D26L
GS250							
GRL11	03.12→	6	2.5	4GR-FSE	AMS		S95L
GS300							
JZS160	08.97 - 01.05	6	3.0	2JZGE			110D26L
GRS190	01.05 - 12.11	6	3.0	3GRFSE			110D26L
GS350							
GRL10	01.12→	6	3.5	2GRFSE	AMS		S95L
GS430							
UZS161	07.00 - 01.07	8	4.3	3UZFE			55D26L 110D26L
GS450							
GWS191	02.06 - 02.12	6	3.5	2GRFSE			110D26L
GS460							
URS190	09.07 - 12.11	8	4.6	1URFSE			S95L 110D26L
IS F 5.0							
USE20	12.07 - 05.14	8	5.0	2URGSE			S95L
IS 200t 2.0 i							
ASE30	08.15→	4	2.0	8ARFTS	START STOP		S95L
IS 250 2.5i							
GSE30	04.13 - 08.15	6	2.5	4GR-FSE			575.068
IS 300h 2.5i							
AVE30	04.13→	4	2.5	2ARFSE			S95R
IS 350C 3.5i							
GSE31	05.13→	6	3.5	2GRFSE			Q85L
					AMS		Q85L
					AMS,WW		S95L
IS200							
GXE10	01.99 - 07.05	6	2.0	1GFE			55D23L 90D23L
IS250							
GSE20	08.05 - 04.13	6	2.5	4GR-FSE			55B24R
					AMS		Q85L
IS250C							
GSE20	05.09 - 05.13	6	2.5	4GR-FSE			110D26L
					AMS		Q85L
					AMS,WW		S95L
IS300							
JCE10	07.01 - 07.05	6	3.0	2JZGE			110D26L

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LC 500h							
GWZ100	03.17→	6	3.5	8GRFXS			LN3-EFB
LFA 4.8i							
LFA10	12.10 - 12.12	10	4.8	1LRGUE			575.068
LS 460 4.6i							
USF40 /41	08.06 - 09.17	8	4.6	1URFSE	AMS		T110L
LS400							
UCF10	12.89 - 09.94	8	4.0	1UZFE			95D31L 125D31L
UCF20	10.94 - 08.00	8	4.0	1UZFE			55D26L 110D26L
LS430							
UCF30	08.00 - 08.06	8	4.3	3UZFE			55D26R 110D26R
LS460							
USF40 /41	08.06 - 09.17	8	4.6	1URFE			110D26L
LX470							
UZJ100	01.98 - 08.07	8	4.7	2UZFE			110D26L
LX570							
URJ201L	11.07→	8	5.7	3URFE			110D26L
NX 200t							
AGZ10	07.14→	4	2.0	8ARFTS			S95L
AGZ15	07.14→	4	2.0	8ARFTS			S95L
NX 300h							
AYZ10	07.14→	4	2.5	2ARFXE			Q85R
AYZ15	07.14→	4	2.5	2ARFXE			Q85R
RC F 5.0							
USC10	09.14→	8	5.0	2URGSE			LN3-EFB
RC 200t 2.0							
ASC10	10.15 - 10.17	4	2.0	8ARFTS			S95L
RC 350							
GSC10	10.14→	6	3.5	2GRFSE	AMS		Q85L
					AMS,WW		S95L
RX 2.7i							
AGL10	08.10 - 10.15	6	2.7	1ARFE			S95L
RX 450h 3.5 i 4x4							
GYL25	10.15→	6	3.5	2GRFXS	KA6		LN2-EFB
RX330							
MCU38	02.03 - 08.06	6	3.3	3MZFE			55D23L 90D23L
RX350							
GSU35	01.06 - 12.08	6	3.5	2GRFE			55D26R 110D26R
GGL15	12.08 - 09.15	6	3.5	2GRFE			110D26L
					AMS		S95L



◀ LEXUS

RX450H

GYL15	12.08 - 10.15	6	3.5	2GRFXE	110D26L
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SC430

UZZ40	05.01 - 08.10	8	4.3	3UZFE	575.068
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LOTUS

Esprit

	02.80 - 01.93	4	2.2	910; 910 S	560.060
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Evora

	05.09 - 04.14	6	3.5	2GRFE	110D26L
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Evora S

	12.10 - 04.14	6	3.5	2GRFE	110D26L
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Excel

	10.85 - 07.92	4	2.2	912 S	56219
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Exige

	10.01 - 10.04	4	1.8	2ZZ-GE	55457	560.060
	04.06→	4	1.8	2ZZ-GE	54316	

Exige S

	06.12→	6	3.5	2GR-FE	110D26L
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MASERATI

Ghibli

M157	01.13→	6	3.0	M 15746 D (Diesel)		LN5-AGM
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Gran Cabrio Sport

	03.11 - 12.17	8	4.7			LN3-AGM
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GranCabrio MC 4.7 V8

	05.12→	8	4.7			575.068
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GranCabrio 4.7 V8

	03.10→	8	4.7			575.068
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GranTurismo Convertible 4.7

	09.11→	8	4.7			575.068
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Quattroporte

M156	11.12→	6	3.0	M 156; M 15746 D (Diesel)		LN5-AGM
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Quattroporte GT S

M156	11.12→	8	3.8	M 156 A		575.068
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Spyder

	12.01 - 12.05	8	4.2			574.068
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MAYBACH							
57	09.02→	12	5.5	M 285.950 <E 55>		60038	
57 S	09.05→	12	6.0	M 285.980 <E 60>		60038	
62	09.02→	12	5.5	M 285.950 <E 55>		60038	
MAZDA							
AZ-1 0.7i Turbo							
	10.92 - 05.96	3	0.7	F6A (DOHC)		40B19L	
Bravo							
	09.93 - 08.00	6	4.0			95D31R	125D31R
BT-50							
UN	03.06 - 07.12	4	2.5	WLC <DuraTORQ TDCi> (Diesel); WL3 <DuraTORQ TDCi> (Diesel)		125D31R	
			3.0	WEC <DuraTORQ TDCi> (Diesel)		125D31R	
BT-50 3.2 D 4WD							
UP	10.11 - 09.15	5	3.2	MZ-CD (Diesel)	AG	58014	
					GS	56318	575.068
BT-50 3.2 4WD							
J26E	01.12 - 09.15	5	3.2	MZ-CD (Diesel)		58014	
	01.13 - 04.18	5	3.2	Duratorq <Euro 5 / L-6 (EGR)> (Diesel)		125D31R	
B2200							
	09.87 - 06.99	4	2.2	R2 (Diesel)		55D23L	90D23L
UF	01.90 - 04.95	4	2.2	R2 (Diesel)		95D31R	125D31R
	08.91 - 03.96	4	2.2			40B19RS	
B2500							
UF	03.96 - 05.99	4	2.5	WL (Diesel)		95D31R	125D31R
						56318	575.068
	09.96 - 07.02	4	2.5	WL (Diesel)		22FR-550	22FR-680
UN	02.99 - 03.06	4	2.5	WLT (Diesel)		574.068	
B2600							
UF	08.89 - 05.99	4	2.6	G6		22FR-550	22FR-680
UN	02.99 - 03.06	4	2.6	G6		95D31R	125D31R
Cosmo Turbo							
	03.90 - 02.94	3	2.0	20BREW		T110L	
CX-3 1.5 Diesel Turbo							
DK	02.15 - 08.18	4	1.5	S5DPTS (Diesel)		S95L	



























◀ MAZDA

CX-3 1.5 Diesel Turbo 4WD							
DK	02.15 - 08.18	4	1.5	S5DPTS (Diesel)		KA5,	S95L
CX-3 2.0							
DK	02.15 - 08.18	4	2.0	PEX...			Q85L
CX-3 2.0 4x4							
DK	02.15 - 08.18	4	2.0	PEX...			Q85L
CX-3 2.0i							
DK	07.17→	4	2.0	PE-VPS		KA5,	Q85L
CX-5							
KE	02.12 - 02.17	4	2.0	PE-VPS			Q85L
			2.2	SH-VPTS (Diesel)			T110L
CX-5 2.0i							
KF	03.18→	4	2.0	PE-VPS			Q85L
CX-5 2.2 Diesel Turbo 4WD							
KF	03.18→	4	2.2	SH-VPTS (Diesel)			S95L
CX-5 2.5 i							
KF	02.17→	4	2.5	PY-VPS			Q85L
CX-5 2.5i 4WD							
KF	03.18→	4	2.5	PYRPS			Q85L
CX-5 4x4							
KE	09.13 - 08.15	4	2.5	PY <Skyactiv-G>			T110L
CX-7							
	12.06 - 12.11	4	2.3	L3VDT			55D23L 90D23L
					AMS		S95L
ER	06.09 - 05.12	4	2.2	R2 (Diesel)			55D26L 110D26L
	09.09 - 05.12	4	2.5				55D23L 90D23L
CX-8 2.2 Diesel Turbo							
KG	12.17→	4	2.2	SH-VPTS (Diesel)			S95L
CX-8 2.2 Diesel Turbo 4WD							
KG	12.17→	4	2.2	SH-VPTS (Diesel)			S95L
CX-9							
	09.07 - 07.16	6	3.7				55D26L 110D26L
Eunos 30X							
EC	12.91 - 01.98	6	1.8	K8			55D23L 90D23L
Eunos 500							
CA	04.94 - 09.96	6	2.0	KF			560.060
Eunos 800							
TA	09.93 - 06.96	6	2.5	KL			110D26R
	02.94 - 05.96	6	2.3	KJ			560.060

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TA	06.96→	6	2.5				560.060	
E2000								
	11.86 - 08.93	4	2.0	RF (Diesel)			55D23L	90D23L
	08.87 - 09.95	4	2.0	RF (Diesel)			S95L	
	07.89 - 03.95	4	2.0	FEET			110D26L	
	09.96 - 02.03	4	2.0	FE			90D23R	
							110D26R	
E2200								
	07.89 - 04.97	4	2.2	R293 (Diesel); R296 (Diesel)			55D26L	110D26L
E2500								
	06.99 - 11.04	4	2.5	WL (Diesel)			55D26L	110D26L
Millenia								
TA	08.00 - 08.02	6	2.3	KJ			55D23L	90D23L
MPV								
LV	08.93 - 04.96	6	3.0	E			110D26L	
	04.96 - 07.99	6	3.0	JE			110D26L	
	05.99 - 04.02	6	2.5	GY			55D26L	110D26L
LW	06.99→	6	2.5	G			110D26L	
	03.02 - 06.04	4	2.3	L3			55D26L	110D26L
	03.02 - 12.05	6	3.0	AJ/AJDE			110D26L	
						AMS	S95L	
LW	05.02 - 08.04	6	3.0	AJ			110D26L	
MX-5								
NC	07.05 - 03.15	4	2.0	LF			55B24LS	
MX-6								
GD	09.89 - 06.91	4	2.2	F2			40B19LS	
GE	07.94 - 06.97	6	2.5	KL			40B19LS	
Premacy								
CP	02.00 - 05.03	4	1.8	FP			55D23L	90D23L
	11.01 - 05.03	4	2.0	FS			55D23L	90D23L
RX-7								
FC	03.89 - 11.91	2	1.3	13B; 13B <Kat.>			55D23L	90D23L
FD	01.92 - 02.96	2	1.3	RE13B; 13B			55D23L	90D23L
RX-8								
SE	04.03 - 04.08	2	1.3	13B			55D23L	90D23L
	05.03 - 04.13	2	1.3	13BMSP			S95L	
Tribute								
	12.00 - 12.03	4	2.0	YF			55D23L	90D23L
	12.00 - 01.08	6	3.0	AJ			110D26L	
Tribute 4WD								
	03.04 - 06.06	4	2.3	L3			110D26L	



							
◀ MAZDA							
2							
DY	06.02 - 05.07	4	1.5	ZYVE		55B24L	
	04.05 - 05.07	4	1.5	ZYVE	AMS, WW	Q85L	
DE	05.07 - 09.14	4	1.5	ZYVE		55D23L	90D23L
	06.07 - 10.14	4	1.5	ZY		55B24LS	
2 1.5							
DJ	10.14 - 04.17	4	1.5	P5...		Q85L	
3							
BK	07.03 - 12.08	4	2.0	LF		50D20L	
	07.06 - 12.08	4	2.3	L3		50D20L	
	12.06 - 12.08	4	2.0	RF7J (Diesel)		55D23L	90D23L
						110D26L	
BL	12.08 - 10.13	4	2.0	LF		50D20L	
	01.09 - 10.13	4	2.2	R2 (Diesel)		95D31L	125D31L
	09.09 - 10.13	4	2.3	L3 DISI		50D20L	
	09.09 - 08.14	4	2.5			Q85L	
BM	07.13 - 12.16	4	2.0	PEY7		Q85L	
			2.2	SH <Skyactiv-D> (Diesel)		T110L	
	08.13 - 12.16	4	2.0	PEY7		Q85L	
3 SP25							
BM	09.13 - 08.17	4	2.5			Q85L	
6							
GG/GY	02.02 - 08.08	4	2.3	L3; L3 DISI		55D23L	90D23L
GK	04.02 - 04.07	4	2.3	L3		55D23L	90D23L
GG/GY	06.02 - 08.07	4	2.0	RF (Diesel)		110D26L	
	06.02 - 12.07	4	2.0	RF (Diesel)		125D31L	
GH	08.07 - 12.12	4	2.5	L5		55D23L	90D23L
GJ	08.12 - 12.16	4	2.2	SHY4 <Skyactiv-D> (Diesel)		T110L	
			2.5	PYY...		Q85L	
	10.12 - 12.16	4	2.2	SHY4 <Skyactiv-D> (Diesel)		T110L	
6 2.2 MZR-CD Fastback							
GH	01.09 - 04.10	4	2.2	R2 (Diesel)		110D26L	
6 2.2 MZR-CD Wagon							
GH	10.08 - 04.10	4	2.2	R2 (Diesel)		110D26L	
6 2.5							
GJ	10.12 - 05.18	4	2.5	PYY...		Q85L	
121							
DA	04.89 - 10.90	4	1.3	B3A6		55B24L	
DB	11.90 - 10.93	4	1.3	B3		55B24L	
	11.93 - 12.95	4	1.5	B5M1		55B24L	
	11.95 - 11.97	4	1.3	B3		55B24L	
			1.5	B5		55D23L	90D23L

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DW	08.96 - 12.99	4	1.3	B3	55D23L	90D23L
			1.5	B5	55D23L	90D23L
	01.00 - 12.02	4	1.3	B3	40B19LS	
			1.5	B5	40B19LS	
323						
BF	10.85 - 12.91	4	1.6	B6	40B19LS	
BG	06.89 - 07.94	4	1.8	BP <DOHC Kat.>	40B19LS	
	07.89 - 04.92	4	1.8	BP	40B19LS	
	07.89 - 12.95	4	1.6	B6	55D23L	90D23L
	04.91 - 05.94	4	1.8	BP	55D23L	90D23L
BA	05.94 - 07.95	6	2.0	KF	55D23L	90D23L
	05.94 - 09.95	6	2.0	KF/F	55D23L	90D23L
	05.94 - 06.98	4	1.8	BP	55D23L	90D23L
	08.95 - 06.98	4	1.6	B6	55D23L	90D23L
	10.96 - 07.98	6	2.0	KF	55D23L	90D23L
BJ	05.98 - 09.03	4	1.8	FP	55D23L	90D23L
	07.98 - 12.03	4	1.6	ZM	55D23L	90D23L
	12.00 - 12.03	4	2.0	FS	55D23L	90D23L
626						
GD	09.89 - 09.91	4	2.2	F2	40B19LS	
GE	09.91 - 06.97	6	2.5	KL	55D23L	90D23L
	01.92 - 06.97	4	2.0	FS	55D23L	90D23L
	11.92 - 05.94	6	2.5	KL	40B19LS	
GF	06.97 - 08.02	4	2.0	FSD; FSD DOHC	55D23L	90D23L
626 Turbo						
GD	09.89 - 09.91	4	2.2	F2	40B19LS	
929						
HC	02.87 - 08.91	6	3.0	JE; JED	55D26R	110D26R
HD	05.91 - 12.95	6	3.0	JE	55D23L	90D23L
HE	11.95 - 09.97	6	3.0	JE	55D23L	90D23L

MERCEDES-BENZ

A 45 AMG 4MATIC

W176	06.13 - 06.15	4	2.0	M 133.980 <E20>		LN4-AGM
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A 180

W176	06.12 - 05.18	4	1.6	M 270.910 <E 16>		LN3-AGM
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A 200

W176	06.12 - 05.18	4	1.6	M 270.910 <E 16>		LN3-AGM
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A 200 CDI

W176	06.12 - 12.14	4	1.8	OM 651.901 <18 LHD> (Diesel)		LN3-AGM
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AMG GLA 45 4MATIC

W156	07.15→	4	2.0	M 133.980 <E20>		LN4-AGM
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◀ MERCEDES-BENZ

A140							
W168	10.97 - 08.04	4	1.4	M 166.940 <E 14>			56219
A150							
W169	09.04 - 04.09	4	1.5	M 266.920 <E 15>			LN3-AGM
A160							
W168	10.97 - 08.04	4	1.6	M 166.960 <E 16>			LN3-EFB 56219
A170							
W169	09.04 - 04.09	4	1.7	M 266.940 <E 17>			LN3-EFB LN3-AGM
A190							
W168	03.99 - 08.04	4	1.9	M 166.990 <E 19>			LN3-EFB 56219
A200							
W169	04.04 - 10.11	4	2.0	M 266.960 <E 20>; M 266.980 <E 20 LA>			LN3-EFB
B 180							
W245	04.09 - 04.11	4	1.7	M 266.940 <E 17>			LN3-EFB
W246	09.11 - 12.18	4	1.6	M 270.910 <E 16>			LN4-AGM
B 200							
W246	09.11 - 12.18	4	1.6	M 270.910 <E 16>			LN3-AGM
B 200 CDI							
W246	09.11 - 05.15	4	1.8	OM 651.901 <18 LHD> (Diesel)			LN4-AGM
B 250							
W246	05.12 - 12.18	4	2.0	M 270.920 <E 20>			LN3-AGM
B180							
W245	09.09→	4	1.7				LN3-AGM
B180 CDI							
W245	04.05 - 04.11	4	2.0	OM 640.940 <DE 20 LA> (Diesel)			574.068
B200							
W245	04.05 - 04.11	4	2.0	M 266.960 <E 20>; M 266.980 <E 20 LA>			LN3-EFB
C 63 AMG Coupe							
W204	03.11 - 12.14	8	6.2	M 156.985 <E 63>			LN4-AGM
C 63 AMG T-Modell							
W204	11.12 - 12.14	8	6.2	M 156.985 <E 63>		OSE,SSN	LN2-EFB LN3-EFB
						WW	
C 180 CGI Coupe							
W204	03.11 - 04.12	4	1.8	M 271.820 <DE 18 EVO>			LN4-AGM
	04.12 - 12.14	4	1.6	M 274.910 <E 16>			LN4-AGM

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.



C 200 CDI

W204 04.08 - 12.14 4 2.1 OM 651.913 <D 22 LHD RED> (Diesel) **58515**

C 200 CDI T-Modell

W204 01.11 - 12.14 4 2.1 OM 651.913 <D 22 LHD RED> (Diesel) **58014**

C 200 CGI

W204 04.09 - 12.14 4 1.8 M 271.8... <DE 18 EVO> **58515**

OSE,SSN **LN2-EFB**

OSE,SSN, **LN3-EFB**

WW

C 200 KOMPRESSOR

W203 05.00 - 08.02 4 2.0 M 111.955 <E 20 EVO ML> **56638 574.068**

C 200 KOMPRESSOR Sportcoupe

W203 01.01 - 08.02 4 2.0 M 111.955 <E 20 EVO ML> **56638 574.068**


C 200 KOMPRESSOR T-Modell

W202 04.00 - 02.01 4 2.0 M 111.956 <E 20 EVO ML> **56638 574.068**

C 250 CDI

W204 09.08 - 12.14 4 2.2 OM 651.911 <D 22 LHD> (Diesel)  **LN3-AGM**

C 250 CDI Coupe

W204 03.11 - 12.14 4 2.1 OM 651.911 <D 22 LHD> (Diesel)  **LN4-AGM**

C 250 CDI T-Modell


W204 04.09 - 12.14 4 2.1 OM 651.911 <D 22 LHD> (Diesel)  **LN3-AGM**

C 250 CGI Coupe

W204 03.11 - 12.14 4 1.8 M 271.860 <DE 18 EVO> OSE,SSN **LN2-EFB**

OSE,SSN, **LN3-EFB**

WW

 **LN4-AGM**

C 300

W204 09.07 - 01.11 6 3.0 M 272.947 <KE 30> **58515**

C 300 CGI

W204 08.12 - 12.14 6 3.5 M 276.957 <DE 35>  **LN4-AGM**

C 350 CDI

W204 02.11 - 12.14 6 3.0 OM 642.834 (Diesel) **610.095**


C 350 CGI

W204 02.11 - 12.14 6 3.5 M 276.957 <DE 35> OSE,SSN **LN2-EFB**

OSE,SSN, **LN3-EFB**

WW

C 350 CGI Coupe

W204 03.11 - 12.14 6 3.5 M 276.957 <DE 35>  **LN4-AGM**





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C 350 CGI T-Modell

W204	02.11 - 12.14	6	3.5	M 276.957 <DE 35>	OSE,SSN	LN2-EFB
					OSE,SSN,	LN3-EFB
					WW	

CL 500 CGI Coupe

W216	07.10 - 12.14	8	4.7	M 278.920 <DE 46 LA>	START STOP	LN5-AGM
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CL 600

W140	06.96 - 08.99	12	6.0	M 120.982		60038
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CLA 45 AMG 4MATIC

W117	06.13 - 06.15	4	2.0	M 133.980 <E20>	SSN	LN3-EFB
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CLA 180

W117	12.12→	4	1.6	M 270.910 <E 16>	SSN	LN3-EFB
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CLA 200

W117	12.12→	4	1.6	M 270.910 <E 16>	START STOP	LN3-AGM
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CLA 250

W117	12.12 - 06.15	4	2.0	M 270.920 <E 20>	START STOP	LN3-AGM
					SSN	LN3-EFB

CLA 250 4MATIC

W117	07.13 - 06.15	4	2.0	M 270.920 <E 20>	SSN	LN3-EFB
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CLK 200 KOMPRESSOR Coupe

W209	10.06 - 04.09	4	1.8	M 271.955 <KE 18 ML>		LN3-EFB
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CLK55 AMG

W208	05.99 - 04.02	8	5.4	M 113.984 <E55>		60038
W209	08.01 - 08.06	8	5.4	M 113.987 <E 55>		LN3-EFB
						60038
	09.01 - 08.06	8	5.4	M 113.987 <E 55>		574.068

CLK63 AMG

W209	09.06 - 12.09	8	6.2	M 156.982 <E 63>		LN3-EFB
						60038

CLK200

W208	06.97 - 06.00	4	2.0	M 111.945 <E20>		56219
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CLK200 Kompressor

W208	06.00 - 01.03	4	2.0	M 111.956 <E 20 EVO ML>		56219
W209	09.02 - 09.06	4	1.8	M 271.940 <KE 18 ML>		LN3-EFB
						56638
						574.068

CLK230 Kompressor

W208	06.97 - 04.02	4	2.3	M 111.975 <E 23 ML>; M 111.982 <EVO ML>		56219
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Model	Year Range	Cyl.	CC	Engine Code	Start/Stop	OEM Equivalent	Premium Upgrade
CLK240							
W209	05.02 - 03.05	6	2.6	M 112.912 <E 26>		LN3-EFB	60038
CLK280							
W209	04.05 - 12.09	6	3.0	M 272.940 <E 30>		574.068	
CLK320							
W208	06.98 - 01.03	6	3.2	M 112.940 <E32>		56638	574.068
W209	05.02 - 03.05	6	3.2	M 112.955 <E 32>		LN3-EFB	
	02.03 - 03.05	6	3.2	M 112.955 <E 32>		56638	574.068
W209	02.03 - 03.05	6	3.2	M 112.955 <E 32>		574.068	
CLK350							
W209	04.05 - 12.09	6	3.5	M 272.960 <E 35>		LN3-EFB	574.068
CLK430							
W208	09.98 - 01.03	8	4.3	M 113.943 <E43>		60038	
CLK500							
W209	05.02 - 07.06	8	5.0	M 113.968 <E 50>		60038	
	02.03 - 07.06	8	5.0	M 113.968 <E 50>		LN3-EFB	
	09.06 - 12.09	8	5.5	M 273.967 <E 55>		574.068	
CLS 63 AMG Coupe							
W218	10.10 - 12.17	8	5.5	M 157.981 <DELA 55>	START STOP	LN5-AGM	
CLS 250							
W218	07.10 - 12.14	4	2.1	OM 651.924 <D 22 LHD> (Diesel)	START STOP	LN4-AGM	
CLS 350 Shooting Brake							
W218	06.12 - 12.14	6	3.5	M 276.952 <DE 35>	START STOP	LN5-AGM	
CLS 500							
W218	02.11 - 12.18	8	4.7	M 278.922 <DE 46 LA>	START STOP	LN5-AGM	
CLS 500 Shooting Brake							
W218	06.12 - 12.18	8	4.7	M 278.922 <DE 46 LA>	START STOP	LN5-AGM	
CL55 AMG							
W215	09.99 - 08.02	8	5.4	M 113.986 <E 55>		60038	
CL55 AMG Kompressor							
W215	09.02 - 08.06	8	5.4	M 113.991 <E 55 ML AMG>		60038	
CL63 AMG							
W216	01.07 - 07.10	8	6.2	M 156.984 <E 63>		60038	
CL65 AMG							
W215	09.03 - 08.06	12	6.0	M 275.980 <E60>		60038	
W216	09.07 - 07.10	12	6.0	M 275.982 <E 60>		60038	
CL500							
W215	09.99 - 05.06	8	5.0	M 113.960 <E50>		60038	





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W216	06.06 - 07.10	8	5.5	M 273.961 <E 55>		60038	
CL600							
W215	09.99 - 08.02	12	5.8	M 137.970 <E 58>		60038	
	09.02 - 08.06	12	5.5	M 275.950 <E55>		60038	
W216	09.06 - 12.14	12	5.5	M 275.953 <E 55>		60038	
C32 AMG Kompressor							
W203	01.01 - 01.04	6	3.2	M 112.961 <E 32 AMG>		60038	
C36 AMG							
W202	01.94 - 05.97	6	3.6	M 104.941 <AMG>		56638	574.068
C43 AMG							
W202	11.97 - 04.00	8	4.3	M 113.944		60038	
C55 AMG							
W203	02.04 - 08.07	8	5.4	M 113.988 <E 55>		60038	
C63 AMG							
W204	02.08 - 12.14	8	6.2	M 156.985 <E 63>		58014	
C63 AMG T-Model							
W204	02.08 - 12.14	8	6.2	M 156.985 <E 63>		60038	
C180							
W202	03.93 - 04.00	4	1.8	M 111.920 <E 18>; M 111.921 <E 18>		58515	
W203	10.00 - 08.02	4	2.0	M 111.951 <E 20 EVO>		56638	574.068
C180 Kompressor							
W203	09.02 - 02.08	4	1.8	M 271.946 <KE 18 ML>		56638	574.068
C180 T-Model							
W202	05.96 - 02.01	4	1.8	M 111.920 <E 18>		56638	574.068
C200							
W202	01.94 - 04.00	4	2.0	M 111.941 <E 20>		56219	
C200 CGI T-Model							
W204	04.09 - 12.14	4	1.8	M 271.8... <DE 18 EVO>	OSE,SSN	LN2-EFB	
					OSE,SSN,	LN3-EFB	
					WW		
						LN2-AGM	
C200 Kompressor							
W203	09.02 - 02.07	4	1.8	M 271.940 <KE 18 ML>; M 271.942 <DE 18 ML>		56638	574.068
W204	03.07 - 04.10	4	1.8	M 271.950 <KE 18 ML>		LN3-AGM	
C200 Kompressor Sportcoupe							
W203	09.02 - 02.08	4	1.8	M 271.940 <KE 18 ML>		56638	574.068
C200 Kompressor T-Model							
W203	01.01 - 08.02	4	2.0	M 111.955 <E 20 EVO ML>		56638	574.068
	09.02 - 08.07	4	1.8	M 271.940 <KE 18 ML>		56638	574.068

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C200 T-Model							
W202	05.96 - 02.01	4	2.0	M 111.941 <E 20>			60038
C220							
W202	03.93 - 09.96	4	2.2	M 111.961 <E 22>			56219
W203	05.00 - 02.07	4	2.2	OM 611.962 <DE LA> (Diesel); OM 646.963 <DE 22 LA> (Diesel)			60038
W204	03.07 - 04.09	4	2.2	OM 646.811 <DE 22 LA LL> (Diesel)			58014
C220 CDI T-Model							
W204	04.09 - 12.14	4	2.1	OM 651.911 <D 22 G> (Diesel)			58014
C230							
W202	09.96 - 08.97	4	2.3	M 111.974 <E 23>			56219
W203	06.05 - 07.07	6	2.5	M 272.920 <E 25>			56638 574.068
C230 Kompressor Sportcoupe							
W203	08.03 - 05.05	4	1.8	M 271.948 <KE 18 ML>			56638 574.068
C230 Sportcoupe							
W203	06.05 - 02.08	6	2.5	M 272.920 <E 25>			56638 574.068
C230 T-Model							
W202	05.96 - 05.97	4	2.3	M 111.974 <E 23>			56219
W203	06.05 - 08.07	6	2.5	M 272.920 <E 25>			56638 574.068
C240							
W202	06.97 - 04.00	6	2.4	M 112.910 <E 24>			56219
W203	05.00 - 05.05	6	2.6	M 112.912 <E 26>			56638 574.068
C240 T-Model							
W202	06.97 - 02.01	6	2.4	M 112.910 <E 24>			56638 574.068
W203	01.01 - 05.05	6	2.6	M 112.912 <E 26>			56638 574.068
C250							
W202	05.93 - 04.00	5	2.5	OM 605.910 (Diesel); OM 605.960 <AD 25 LA> (Diesel)			60038
C250 CGI							
W204	04.09 - 12.14	4	1.8	M 271.860 <DE 18 EVO>	OSE,SSN		LN2-EFB
					OSE,SSN,		LN3-EFB
					WW		
							LN3-AGM
C250 CGI T-Model							
W204	04.09 - 12.14	4	1.8	M 271.860 <DE 18 EVO>	OSE,SSN		LN2-EFB
					OSE,SSN,		LN3-EFB
					WW		
C280							
W202	05.93 - 04.00	6	2.8	M 104.941; M 112.920 <E 28>			60038
C320							
W203	05.00 - 05.05	6	3.2	M 112.946 <E 32>			60038





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W204	06.07 - 04.09	6	3.0	OM 642.960 <D 30> (Diesel)		58014	
C320 Sportcoupe							
W203	09.02 - 05.05	6	3.2	M 112.946 <E 32>		60038	
C350							
W203	06.05 - 02.07	6	3.5	M 272.960 <E 35>		60038	
C350 CDI							
W204	10.09 - 01.11	6	3.0	OM 642.830 <D 30> (Diesel)		60038	
E 200 Coupe							
W207	01.13→	4	2.0	M 274.920 <E20>		LN5-AGM	
E 200 T-Modell							
W212	08.12 - 08.16	4	2.0	M 274.920 <E20>		LN5-AGM	
E 250 Coupe							
W207	01.13→	4	2.0	M 274.920 <E20>		LN5-AGM	
E 300 BlueTec Hybrid							
W212	04.12 - 08.16	4	2.1	OM 651.924 <D 22 LHD> (Diesel)		LN5-AGM	
E 400 Coupe							
W207	02.13 - 08.17	6	3.0	M 276.820 <DE 30 LA>		LN5-AGM	
E 400 T-Modell							
W212	01.13 - 08.15	6	3.0	M 276.820 <DE 30 LA>		LN5-AGM	
E 500 CGI Coupe							
W207	02.11 - 12.17	8	4.7	M 278.922 <DE 46 LA>		LN4-AGM	
E36 AMG							
W124	03.94 - 06.98	6	3.6	M 104.992		60038	
E55 AMG							
W210	09.97 - 03.03	8	5.5	M 113.980 <E55>		60038	
E200 Kompressor							
W210	09.00 - 03.02	4	2.0	M 111.957 <E20 EVO ML>		56638	574.068
E220							
W124	07.93 - 06.95	4	2.2	M 111.960		56638	574.068
E220 Cabriolet							
W124	07.93 - 06.98	4	2.2	M 111.960		56638	574.068
E220 Coupe							
W124	07.93 - 06.97	4	2.2	M 111.960		56638	574.068
E220 T-Model							
W124	07.93 - 05.96	4	2.2	M 111.960		56638	574.068
E230							
W210	06.95 - 08.97	4	2.3	M 111.970 <E23>		56219	

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Model	Year Range	Cyl.	CC	Engine Code	Start/Stop	OEM Equivalent	Premium Upgrade
E230 T-Model							
W210	05.96 - 08.97	4	2.3	M 111.970 <E23>		56638	574.068
E240							
W210	09.97 - 04.00	6	2.4	M 112.911 <E24>		56638	574.068
W211	03.02 - 06.06	6	2.6	M 112.913 <E 26>	START STOP	LN5-AGM	
E240 T-Model							
W210	09.97 - 07.99	6	2.4	M 112.911 <E24>		56638	574.068
	08.99 - 01.03	6	2.6	M 112.914 <E26>		56638	574.068
E250 CDI							
W212	04.09 - 04.13	4	1.8	M 271.860 <DE 18 EVO>		60038	
E270							
W210	08.99 - 03.02	5	2.7	OM 612.961 <DE LA> (Diesel)		60038	
E280							
W124	07.93 - 06.95	6	2.8	M 104.942		56638	574.068
W210	06.95 - 01.03	6	2.8	M 112.921 <E28>		60038	
E280 T-Model							
W124	07.93 - 05.96	6	2.8	M 104.942		56638	574.068
E300							
W124	07.93 - 06.95	6	3.0	OM 606.910 (Diesel)		60038	
W210	03.97 - 07.99	6	3.0	OM 606.962 <D 30> (Diesel)		60038	
E320							
W124	07.93 - 06.95	6	3.2	M 104.992		56638	574.068
W210	06.95 - 07.99	6	3.2	M 104.995; M 112.941 <E32>		56638	574.068
W211	03.02 - 03.05	6	3.2	M 112.949 <E 32>		60038	
E320 Cabriolet							
W124	05.93 - 06.98	6	3.2	M 104.992		60038	
E320 Coupe							
W124	07.93 - 06.98	6	3.2	M 104.992		574.068	
E350 T-Model							
W212	08.09 - 07.11	6	3.5	M 272.980 <M272 E35>	START STOP	LN5-AGM	
E430							
W210	09.97 - 06.99	8	4.3	M 113.940 <E43>		60038	
	08.99 - 03.02	8	4.3	M 113.940 <E43>		60038	
E500							
W124	09.93 - 08.94	8	5.0	M 119.974		60038	
G 55 AMG KOMPRESSOR							
W463	04.04 - 08.11	8	5.4	M 113.993 <E55>		60038	
G 63 AMG							
W463	04.12 - 05.15	8	5.5	M 157.984 <DELA 55>	START STOP	LN5-AGM	





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G 350 BlueTec							
W463	07.10 - 12.15	6	3.0	OM 642.886 (Diesel)			LN5-AGM
GL 350 BlueTec 4MATIC							
W166	08.12 - 12.15	6	3.0	OM 642.826 <D 30> (Diesel)			LN5-AGM
GL 350 CDI 4MATIC							
W164	09.10 - 12.12	6	3.0	OM 642.822 <D 30> (Diesel)			LN5-AGM
GL 500 4MATIC							
W166	08.12 - 12.15	8	4.7	M 278.928 <DE 46 LA>			LN5-AGM
GL320							
W164	02.06 - 04.09	6	3.0	OM 642.940 <D 30> (Diesel)			60038
GL350 CDI							
W204	04.09 - 03.12	6	3.0	OM 642.832 <D 30> (Diesel)			LN5-AGM
GL500							
W164	02.06 - 12.12	8	5.5	M 273.963 <E 55>			60038
G320							
W463	12.97 - 08.06	6	3.2	M 112.945 <E 32>			LN3-EFB 60038
MB100							
	01.96→	4	2.3	M 161.971; OM 661.911 (Diesel)			56318 575.068
		5	2.9	OM 662.911 (Diesel)			56318 575.068
MB140							
	11.96→	5	2.9	OM 662.911 (Diesel)			56318 575.068
ML 63 AMG 4MATIC							
W166	08.11 - 08.15	8	5.5	M 157.982 <DELA 55>			LN5-AGM
ML 250							
W166	06.11 - 08.15	4	2.1	OM 651.960 <D 22 LHD> (Diesel)			LN5-AGM
ML 350							
W166	06.11 - 08.15	6	3.0	OM 642.826 <D 30> (Diesel)			LN5-AGM
			3.5	M 276.955 <DE 35>			LN5-AGM
ML 500 4MATIC							
W166	02.12 - 08.15	8	4.7	M 278.928 <DE 46 LA>			LN5-AGM
ML63 AMG							
W164	02.06 - 08.11	8	6.2	M 156.980 <E 63>			LN5-AGM
ML320							
W163	03.98 - 08.03	6	3.2	M 112.942 <E 32>			60038
W164	03.05 - 04.09	6	3.0	OM 642.940 <D 30> (Diesel)			LN5-AGM
ML350							
W163	08.02 - 01.03	6	3.7	M 112.970 <E 37>			60038
W164	09.05 - 06.11	6	3.5	M 272.967 <E 35>			LN5-AGM

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Model	Year Range	Cyl.	CC	Engine Code	Start/Stop	OEM Equivalent	Premium Upgrade
ML430							
W163	09.98 - 07.02	8	4.3	M 113.942 <E 43>		60038	
ML500							
W163	09.01 - 06.05	8	5.0	M 113.965 <E 50>		58014	
R 350 CDI 4MATIC							
W251	05.10 - 10.12	6	3.0	OM 642.872 <D 30> (Diesel)	START STOP	LN5-AGM	
S 350 BlueTec							
W222	05.13 - 08.15	6	3.0	OM 642.861 <D 30> (Diesel)	START STOP	LN5-AGM	
S 350 CGI							
W221	09.10 - 12.13	6	3.5	M 276.950 <DE 35>	START STOP	LN5-AGM	
S 500							
W222	07.13 - 04.17	8	4.7	M 278.929 <DE 46 LA>	START STOP	LN5-AGM	
SL 63 AMG							
W231	01.12 - 08.14	8	5.5	M 157.983 <DE 55 LA>	START STOP	LN5-AGM	
SL 65 AMG							
W231	03.12→	12	6.0	M 279.981 <E 60>	START STOP	LN5-AGM	
SL 350							
W231	02.12 - 12.13	6	3.5	M 276.954 <DE 35>	START STOP	LN5-AGM	
SL 500							
W231	02.12 - 08.14	8	4.7	M 278.927 <DE 46 LA>	START STOP	LN5-AGM	
SLK 250							
W172	01.11 - 08.15	4	1.8	M 271.861 <DE 18 EVO>	START STOP	LN4-AGM	
SLK32 AMG							
W170	06.99 - 03.04	6	3.2	M 112.960 <E32 ML>		LN3-EFB	
						56638	574.068
SLK55 AMG							
W171	04.04 - 11.10	8	5.4	M 113.989 <E 55>		LN3-EFB	
						574.068	
SLK200							
W170	09.96 - 01.00	4	2.0	M 111.946 <E20>		56638	574.068
SLK200 Kompressor							
W170	09.96 - 03.04	4	2.0	M 111.943 <E20 ML>; M 111.958 <E20 EVO ML>		56638	574.068
W171	04.04 - 11.10	4	1.8	M 271.944 <KE 18 ML>; M 271.954 <KE 18 ML>		LN3-EFB	
						574.068	
SLK230 Kompressor							
W170	09.96 - 01.00	4	2.3	M 111.973 <E23 ML>		56638	574.068
	02.00 - 03.04	4	2.3	M 111.983 <E23 EVO ML>		LN3-EFB	
						56638	574.068
















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SLK280							
W171	05.05 - 02.09	6	3.0	M 272.942 <E 30>			LN3-EFB 574.068
SLK300							
W171	03.09 - 11.10	6	3.0	M 272.942 <E 30>			574.068
SLK320							
W170	06.99 - 03.04	6	3.2	M 112.947 <E32>			LN3-EFB 56638 574.068
SLK350							
W171	04.04 - 02.11	6	3.5	M 272.963 <E 35>; M 272.969 <E 35>			LN3-EFB 574.068
SLS AMG 6.2 Coupe							
W197	03.10 - 10.14	8	6.2	159.980 <M159 E63>		START STOP	LN5-AGM
SL280							
W129	07.93 - 08.01	6	2.8	M 104.943; M 112.923			60038
SL320							
W129	06.98 - 08.01	6	3.2	M 112.943			60038
SL500							
W129	09.93 - 08.01	8	5.0	M 113.961; M 119.972; M 119.982			60038
SL600							
W129	07.93 - 08.01	12	6.0	M 120.981; M 120.983			60038
Sprinter							
WT1N	02.95 - 03.00	4	2.3	OM 601.943 (Diesel)			574.068
		5	2.9	OM 602.980 D LA (Diesel)			574.068 60038
	04.00 - 05.06	4	2.1	OM 611.981 D LA (Diesel)			60038
			2.2	OM 611.987 D LA (Diesel)			60038
		5	2.7	OM 612.981 D LA (Diesel)			60038
WNCV3	04.06 - 12.11	4	2.1	OM 646.9... <Euro 4> (Diesel); OM 646.984 D 22 LA <Euro 4> (Diesel); OM 646.985 D 22 LA <Euro 4> (Diesel)			574.068
Sprinter CDI							
	06.01 - 05.12	4	2.2	OM 611 LA (Diesel)			575.068
WNCV3	04.06 - 03.09	6	3.0	OM 642... <Euro 4> (Diesel)			574.068
				OM 642.99... <Euro 4> (Diesel)			574.068
	04.06 - 09.11	4	2.1	OM 646.9... <Euro 4> (Diesel)			574.068
	06.06→	5	2.7	OM 612.981 D LA (Diesel)		START STOP	LN5-AGM
WNCV3	09.08→	4	1.8	M 271.951 <M 271 E 18 ML>			60038
	03.09→	4	2.1	OM 651.95... <D 22 LA> (Diesel)			575.068 60038
				OM 651.955 <D 22 LA> (Diesel)			575.068

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

							
WNCV3	03.09→	6	3.0	OM 642.... (Diesel)		LN5-AGM	
				OM 642.... <Euro 5> (Diesel)		LN5-AGM	
S280							
W140	06.93 - 09.98	6	2.8	M 104.944		60038	
S320							
W220	10.98 - 08.02	6	3.2	M 112.944 <E32>		60038	
S350							
W220	09.02 - 08.06	6	3.7	M 112.972 <E37>		60038	
S420							
W140	06.93 - 09.98	8	4.2	M 119.981		60038	
S430							
W220	10.98 - 08.06	8	4.3	M 113.941 <E43>		60038	
S500							
W140	06.93 - 09.98	8	5.0	M 119.970;980		60038	
W220	06.00 - 08.05	8	5.0	M 113.960 <E50>		60038	
S600							
W140	06.93 - 09.98	12	6.0	M 120.98... <M 120>		60038	
W220	09.02 - 01.06	12	5.5	M 275.950 <E55>		60038	
V 220 CDI							
W447	04.14→	4	2.1	OM 651.950 <OM 651 D22 LHD> (Diesel)		LN3-EFB	
Viano							
W639	09.03 - 12.10	4	2.1	OM 646.98... <OM 646 DE22LA> (Diesel)		60038	
	06.04 - 08.07	6	3.7	M 112.976 <M 112.E37>		60038	
Viano CDI 2.2							
W639	07.10 - 12.14	4	2.1	OM 651.940 <OM 651 DE22LA> (Diesel)		575.068	
Viano CDI 3.0							
W639	07.10 - 12.14	6	3.0	OM 642.890 <OM 642 DE 30 LA> (Diesel)		LN4-AGM	
Vito							
W638	11.95 - 09.03	4	2.0	M 111.950 <E20>		60038	
			2.3	OM 601.942 (Diesel)		60038	
	04.99 - 09.03	4	2.2	OM 611.980 (Diesel)		60038	
W639	10.03 - 10.06	4	2.1	OM 646.983 <OM 646 DE22LA> (Diesel)		60038	
	10.03 - 12.10	6	3.2	M 112.951 <M 112.E32>		60038	
Vito CDI							
W639	10.03 - 07.10	4	2.1	OM 646.98... <OM 646 DE22LA> (Diesel); OM 646.980 <OM 646 DE22LA> (Diesel); OM 646.982 <OM 646 DE22LA> (Diesel)		60038	
	04.06 - 07.10	6	3.0	642.990 <OM 642 DE30LA> (Diesel)		574.068	
Vito 110 CDI							
W639	07.10 - 12.14	4	2.1	OM 651.940 <OM 651 DE22LA> (Diesel)		575.068	













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Vito 113 CDI							
W639	07.10 - 12.14	4	2.1	OM 651.940 <OM 651 DE22LA> (Diesel)			575.068
Vito 116 CDI							
W639	07.10 - 12.14	4	2.1	OM 651.940 <OM 651 DE22LA> (Diesel)			575.068
Vito 122 CDI							
W639	07.10 - 12.14	6	3.0	OM 642.890 <OM 642 DE 30 LA> (Diesel)			LN4-AGM
180E							
W201	09.91 - 04.94	4	1.8	M 102.910			56219
190E							
W201	08.84 - 08.93	4	2.3	M 102.985			56219
	09.86 - 09.93	4	2.0	M 102.962			56219
	03.90 - 08.93	4	1.8	M 102.910			56219
220E							
W124	09.92 - 06.93	4	2.2	M 111.960			56638 574.068
230E							
W124	12.84 - 06.93	4	2.3	M 102.982			56219
230TE							
W124	09.85 - 08.93	4	2.3	M 102.982			56638 574.068
260E							
W124	09.85 - 10.92	6	2.6	M 103.940			56638 574.068
300CE							
W124	03.87 - 06.93	6	3.0	M 103.983; M 104.980			56638 574.068
300D							
W124	01.85 - 06.93	6	3.0	OM 603.912 (Diesel)			56638 574.068
300E							
W124	01.85 - 08.93	6	3.0	M 103.98...			56638 574.068
	09.92 - 06.93	6	2.8	M 104.942			60038
300GD							
W460	12.79 - 08.91	5	3.0	OM 617.931 (Diesel)			60038
300SE							
W126	09.85 - 06.91	6	3.0	M 103.981			56638 574.068
	09.89 - 06.91	6	3.0	M 103.981			574.068
W140	03.91 - 05.93	6	3.2	M 104.99...			60038
300TD							
W124	09.89 - 06.93	6	3.0	OM 603.912 (Diesel)			60038
300TE							
W124	01.86 - 08.92	6	3.0	M 103.983			56638 574.068
320CE							
W124	09.92 - 06.93	6	3.2	M 104.992			56638 574.068

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320E								
W124		09.92 - 06.93	6	3.2	M 104.992		56638	574.068
400SE								
W140		02.91 - 05.93	8	4.2	M 119.981		60038	
420SEL								
W126		09.85 - 06.91	8	4.2	M 116.965		60038	
500SE								
W140		02.91 - 05.93	8	5.0	M 119.970;980		60038	
500SEC								
W140		10.92 - 05.93	8	5.0	M 119.970;980		60038	
500SL								
W129		09.89 - 08.92	8	5.0	M 119.960		60038	
560SEC								
W126		10.85 - 06.91	8	5.6	M 117.968		60038	
560SEL								
W126		10.85 - 06.91	8	5.6	M 117.968		60038	
600SL								
W129		07.92 - 06.93	12	6.0	M 120.981;983		60038	
MG								
MGF								
		10.95 - 03.02	4	1.8	18 K4F <K-Serie K 1.8>; 18 K4K <MPI VVC K-Serie>		560.060	
MGTF								
		03.02→	4	1.8	18 K4F K-Serie <DOHC>; 18 K4F K-Serie- VVC- <DOHC>		560.060	
ZR								
		10.01 - 05.05	4	1.8	18 K4K <MPI VVC K-Serie>		560.060	
ZS								
		10.01 - 05.05	6	2.5	25 K4F <KV6>		55066	
ZT								
		10.01 - 05.05	6	2.5	25 K4F <KV6>		56638	574.068
		01.03 - 05.05	6	2.5	25 K4F <KV6>		560.060	
MINI (BMW)								
Cooper								
R 50		06.01 - 11.07	4	1.6	W10 B16A...		LN2-EFB	
							56219	
R 56		11.06 - 08.10	4	1.6	N12 B16...		LN2-EFB	
							56219	



◀ MINI

R 56	11.06 - 08.10	4	1.6	N12 B16...	BWD,	LN3-AGM
					WW	LN3-EFB
	03.10 - 11.13	4	1.6	N16 B16A		LN2-EFB
						LN3-AGM
					WW	LN3-EFB
F 55	10.14 →	3	1.5	B3...		LN3-AGM
	03.18 →	3	1.5	B3...	EFB	LN3-EFB
					EFB, WW	LN4-EFB
F 56	03.18 →	3	1.5	B3...	EFB	LN3-EFB
					EFB, WW	LN4-EFB
Cooper Cabrio						
R 52	07.04 - 07.08	4	1.6	W10 B16A...		LN2-EFB
						56219
R 57	03.09 - 06.15	4	1.6	N12 B16...; N16 B16A		LN2-EFB
					WW	LN3-EFB
Cooper Clubman						
R 55	11.07 - 07.10	4	1.6	N12 B16...		LN2-EFB
						LN3-AGM
					WW	LN3-EFB
	03.10 - 06.14	4	1.6	N16 B16A		LN2-EFB
					WW	LN3-EFB
F 54	03.18 - 06.19	3	1.5	B3...	EFB	LN3-EFB
					EFB, WW	LN4-EFB
Cooper Countryman						
R 60	09.10 - 10.16	4	1.6	N16 B16A		LN2-EFB
					WW	LN3-EFB
Cooper Countryman ALL4						
R 60	07.13 - 10.16	4	1.6	N18 B16A		575.068
Cooper Coupe						
R 58	09.11 - 04.15	4	1.6	N16 B16A		LN2-EFB
						575.068
					WW	LN3-EFB
Cooper D						
R 56	03.11 - 11.13	4	2.0	N47 C20A (Diesel)		58014
F 55	10.14 →	3	1.5	B37 C15A (Diesel)		LN3-AGM
	03.18 →	3	1.5	B37 C15A (Diesel)	EFB	LN3-EFB
					EFB, WW	LN4-EFB
F 56	03.18 →	3	1.5	B37 C15A (Diesel)	EFB	LN3-EFB
					EFB, WW	LN4-EFB
Cooper D Countryman						
F 60	03.18 →	4	2.0	B47 C20A (Diesel)	EFB	LN3-EFB
					EFB, WW	LN4-EFB

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

**Cooper Paceman**

R 61	03.13 - 09.16	4	1.6	N16 B16A		LN2-EFB
						LN3-AGM
					WW	LN3-EFB

Cooper Roadster

R 59	02.12 - 04.15	4	1.6	N16 B16A		LN2-EFB
					WW	LN3-EFB

Cooper S

R 53	03.02 - 07.04	4	1.6	W11 B16A		LN2-EFB
	03.02 - 11.06	4	1.6	W11 B16A		56219
R 56	11.06 - 07.10	4	1.6	N14 B16A...		LN2-EFB
						56219
						LN3-AGM
					WW	LN3-EFB
	03.10 - 11.13	4	1.6	N18 B16A		LN2-EFB
					WW	LN3-EFB
F 55	10.14 →	4	2.0	B4...		LN3-AGM
	03.18 →	4	2.0	B4...	EFB	LN3-EFB
					EFB, WW	LN4-EFB
				B48 A20... <B48C (GPF)>	EFB	LN3-EFB
					EFB, WW	LN4-EFB
F 56	03.18 →	4	2.0	B4...; B48 A20... <B48C (GPF)>	EFB	LN3-EFB
					EFB, WW	LN4-EFB

Cooper S Cabrio

R 52	08.04 - 07.08	4	1.6	W11 B16A		LN2-EFB
						56219
R 57	03.09 - 06.15	4	1.6	N14 B16A...; N18 B16A		LN2-EFB
					WW	LN3-EFB
F 57	03.18 →	4	2.0	B4...	EFB	LN3-EFB
					EFB, WW	LN4-EFB

Cooper S Clubman

R 55	11.07 - 07.10	4	1.6	N14 B16AB		LN2-EFB
						LN3-AGM
					WW	LN3-EFB
	03.10 - 06.14	4	1.6	N18 B16A		LN2-EFB
					WW	LN3-EFB

Cooper S Countryman

R 60	09.10 - 06.14	4	1.6	N18 B16A		LN2-EFB
					WW	LN3-EFB

Cooper S Countryman ALL4

R 60	09.10 - 06.14	4	1.6	N18 B16A		LN2-EFB
					WW	LN3-EFB





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Cooper S Coupe						
R 58	09.11 - 04.15	4	1.6	N18 B16A		LN2-EFB
						LN3-AGM
					WW	LN3-EFB
Cooper S Paceman						
R 61	03.13 - 06.14	4	1.6	N18 B16A		LN2-EFB
						LN3-AGM
					WW	LN3-EFB
	07.14 - 09.16	4	1.6	N18 B16A		575.068
Cooper S Roadster						
R 59	02.12 - 04.15	4	1.6	N18 B16A		LN2-EFB
						LN3-AGM
					WW	LN3-EFB
Cooper SD Countryman ALL4						
F 60	03.18→	4	2.0	B47 C20A (Diesel)	EFB	LN3-EFB
					EFB,WW	LN4-EFB
John Cooper Works						
R 53	08.04 - 11.06	4	1.6	W11 B16A		LN2-EFB
						56219
R 56	07.08 - 11.13	4	1.6	N14 B16C; N18 B16C		LN2-EFB
					WW	LN3-EFB
F 56	03.18→	4	2.0	B48 A20B; B48 A20B <B48D (GPF) >	EFB	LN3-EFB
					EFB,WW	LN4-EFB
John Cooper Works Cabrio						
R 52	08.04 - 07.08	4	1.6	W11 B16A		56219
R 57	03.09 - 05.15	4	1.6	N14 B16C; N18 B16C		LN2-EFB
					WW	LN3-EFB
F 57	03.18→	4	2.0	B48 A20B; B48 A20B <B48D (GPF) >	EFB	LN3-EFB
					EFB,WW	LN4-EFB
John Cooper Works Clubman						
R 55	07.08 - 06.12	4	1.6	N14 B16C		LN2-EFB
						56219
						LN3-AGM
					WW	LN3-EFB
	07.12 - 06.14	4	1.6	N18 B16C		LN2-EFB
					WW	LN3-EFB
John Cooper Works Clubman ALL4						
F 54	03.18 - 06.19	4	2.0	B48 A20B	EFB	LN3-EFB
					EFB,WW	LN4-EFB
John Cooper Works Countryman ALL4						
R 60	11.12 - 10.16	4	1.6	N18 B16C		LN2-EFB
					WW	LN3-EFB

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.



F 60	03.18 - 06.19	4	2.0	B48 A20B	EFB	LN3-EFB
					EFB,WW	LN4-EFB
John Cooper Works Coupe						
R 58	09.11 - 07.12	4	1.6	N14 B16C		LN2-EFB
					LN3-AGM	
					WW	LN3-EFB
	07.12 - 05.15	4	1.6	N18 B16C		LN2-EFB
					WW	LN3-EFB
John Cooper Works Paceman ALL4						
R 61	03.13 - 09.16	4	1.6	N18 B16C		LN2-EFB
					WW	LN3-EFB
John Cooper Works Roadster						
R 59	02.12 - 06.12	4	1.6	N14 B16C		LN2-EFB
					LN3-AGM	
					WW	LN3-EFB
	07.12 - 04.15	4	1.6	N18 B16C		LN2-EFB
					WW	LN3-EFB
One						
R 56	03.10 - 11.13	4	1.6	N16 B16A		LN2-EFB
					WW	LN3-EFB

MITSUBISHI

Airtrek 2.4i 4WD						
	01.03 - 01.04	4	2.4	4G64 (DOHC)	KZO	90D23L
ASX						
GA	05.10→	4	2.0	4B11		55D23L 90D23L
	05.13→	4	2.3	4N14 (Diesel)		95D31L 125D31L
ASX 1.8 DI-D 4WD						
GA	04.10 - 12.16	4	1.8	4N13 (Diesel)		574.068
					LN3-AGM	
ASX 2.0 4x4						
GA	05.10→	4	2.0	4B11		56219
Canter						
	10.93 - 05.99	4	2.8	4M40 (Diesel)		130E41 (N100)
	07.04→	4	4.9	4M50 (Diesel)		110D26R
Challenger						
	05.96 - 07.97	4	2.5	4D56 (Diesel)		55D26R 110D26R
	05.96 - 05.99	4	2.8	4M40 (Diesel)		55D26R 110D26R
	08.97 - 08.01	6	3.5	6G74 (DOHC)		55D26R 110D26R
PA	02.98→	6	3.0	6G72		55D26R 110D26R
KH	10.09 - 11.15	4	2.5	4D56 (Diesel)		95D31L 125D31L













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Colt							
RE	09.88 - 12.90	4	1.4	4G33	40B19LS		
			1.6	4G32	40B19LS		
CZ	04.04 - 06.10	4	1.5	4A91	55066		
CJ	10.04 - 05.06	4	1.5	4G15 (DOHC)	55D23R	90D23R	
CZ	01.05 - 04.13	4	1.5	4G15	575.068		
	05.06 - 07.11	4	1.5	4G15 (DOHC)	55D23L	90D23L	
Delica							
	04.86 - 08.99	4	2.5	4D56 (Diesel)	40B19RS		
Express / Starwagon L300							
SF	01.86 - 12.90	4	2.0	4G63	40B19LS		
			2.4	4G64	40B19LS		
SF, SG	01.86 - 12.90	4	2.0	4G63	40B19LS		
			2.4	4G64	40B19LS		
SG	01.90 - 12.91	4	2.0	4G63	40B19LS		
			2.4	4G64	40B19LS		
SH	09.91→	4	2.4	4G64	40B19LS		
	01.92 - 08.94	4	2.0	4G63	40B19LS		
			2.5	4D56 (Diesel)	95D31R	125D31R	
WA	09.94 - 06.06	4	2.4	4G64	40B19LS		
SJ	09.94→	4	2.0	4G63	40B19LS		
			2.5	4D56 (Diesel)	95D31R	125D31R	
FTO							
	09.94 - 07.00	4	1.8	4G93 (SOHC)	55B24RS		
			6	2.0	6A12 (DOHC)	55B24RS	
Galant							
HG	01.89 - 12.90	4	2.0	4G63 SOHC	55D23R	90D23R	
HG/HH	01.89 - 12.93	4	2.0	4G63 DOHC	55D23R	90D23R	
HH	01.90 - 12.93	4	2.0	4G63 SOHC	55D23R	90D23R	
HJ	11.92 - 05.96	4	2.0	4G63 SOHC Kat.	55D23R	90D23R	
		6	2.0	6A12 Kat.	55D23R	90D23R	
Galant VR4							
HH	01.90 - 12.93	4	2.0	4G63 DOHC	55D23R	90D23R	
Grandis							
	01.04 - 11.10	4	2.4	4G69	95D31L	125D31L	
i-MiEV							
	04.10 - 11.13	0	0.0	Y4F1	40B19L		
Lancer							
CA	04.88 - 05.90	4	1.6	4G61	40B19RS		
	08.88 - 09.90	4	1.5	4G15	40B19RS		
CB	10.90 - 09.92	4	1.5	4G15 SOHC	40B19RS		
			1.6	4G61 DOHC	40B19RS		

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

									
CC	05.92 - 12.96	4	1.8	4G93 Kat.			40B19RS		
	06.92 - 12.96	4	1.6	4G92 Kat.; 4G92 MVV			40B19RS		
	06.92 - 12.97	4	1.5	4G15; 4G15 <MPI>			40B19RS		
CE	11.95 - 09.00	4	1.5	4G15			40B19LS		
			1.6	4G92 Kat.			40B19LS		
	05.96 - 05.01	4	1.8	4G93 Kat.			40B19LS		
CH	06.02 - 06.08	4	2.0	4G63			55D23L	90D23L	
	06.03 - 06.08	4	1.3	4G13			40B19LS		
			2.0	4G63			40B19LS		
	01.05 - 06.07	4	2.0	4G94			55D23L	90D23L	
CJ	07.07→	4	2.0	4B11 <DOHC MIVEC 16v>			55D23L	90D23L	
	08.07 - 12.09	4	2.0	4B11			22FR-550	22FR-680	
CJ	09.08 - 08.15	4	2.4	4B12			55D23L	90D23L	
	12.08 - 12.09	4	2.0	4B11			55D23L	90D23L	
Lancer Evo IV									
CK/CP/CN	08.96 - 06.97	4	2.0	4G63 Kat.			40B19LS		
Lancer Evo IX									
CS/CT	08.05 - 06.07	4	2.0	4G63 MIVEC			55D23L	90D23L	
Lancer Evo VII									
CS/CT	12.00 - 12.03	4	2.0	4G63			55D23L	90D23L	
Lancer Evo VIII									
CS/CT	09.02 - 07.05	4	2.0	4G63			40B19LS		
Lancer Evo VII/VIII/IX									
	01.01 - 01.07	4	2.0	4G63 (DOHC)			55D23L	90D23L	
Lancer Evo V/VI									
CK/CP/CN	01.98 - 09.00	4	2.0	4G63 Kat.			40B19LS		
Lancer Evo X									
CY/CZ	08.07 - 06.14	4	2.0	4B11 <T/C MIVEC 14>			110D26L		
Lancer GSR									
	10.92 - 10.95	4	1.8	4G93 (DOHC)			90D23R		
	10.95 - 05.96	4	1.8	4G93 (DOHC)			55B24LS		
Lancer Ralliart									
CJ	03.07 - 06.12	4	2.0	4B11			55D23L	90D23L	
Lancer 2.0i Turbo 4WD									
	01.94 - 10.96	4	2.0	4G63 (DOHC)		KZO	90D23R		
	08.96 - 12.97	4	2.0	4G63 (DOHC)		KZO	90D23L		
L200									
K0/K1/K2/K3	06.90 - 05.91	6	3.0	6G72			40B19R		
L300									
P	11.88 - 05.96	4	2.4	4G64 Kat.			40B19R		





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Magna / Verada

TP	06.89 - 04.92	4	2.6	4G54 <Astron II>; 4G54 EFI <Astron II>	22NF-330D	
TR	04.91 - 02.94	4	2.6	4G54; 4G54 EFI <Astron II>	22FR-550	22FR-680
KR	07.91 - 02.94	6	3.0	6G72	22FR-550	22FR-680
TR	04.93 - 02.94	6	3.0	6G72	22FR-550	22FR-680
KS	03.94 - 09.96	6	3.0	6G72 <E32>	22FR-550	22FR-680
TS	03.94 - 02.97	4	2.6	4G54	22FR-550	22FR-680
		6	3.0	6G72	22FR-550	22FR-680
TE	04.96 - 05.97	4	2.4	4G64	22FR-550	22FR-680
		6	3.0	6G72	22FR-550	22FR-680
KE	10.96 - 05.97	6	3.0	6G72	22FR-550	22FR-680
			3.5	6G74 <E35>	22FR-550	22FR-680
KF	06.97 - 03.99	6	3.0	6G72	22FR-550	22FR-680
			3.5	6G74 <E35>	22FR-550	22FR-680
TF	06.97 - 03.99	4	2.4	4G64	22FR-550	22FR-680
		6	3.0	6G72	22FR-550	22FR-680
KW	01.98 - 03.07	6	3.5	6G74 <E35>	22FR-550	22FR-680
KH	04.99 - 07.00	6	3.5	6G74 <E35>	22FR-550	22FR-680
TH	04.99 - 07.00	6	3.0	6G72 <E32>	22FR-550	22FR-680
			3.5	6G74 <E35>	22FR-550	22FR-680
KJ	08.00 - 06.02	6	3.5	6G74 <E35>	22FR-550	22FR-680
TJ	08.00 - 06.02	6	3.0	6G74 <E32>	22FR-550	22FR-680
			3.5	6G74 <E35>	22FR-550	22FR-680
KJ II	07.02 - 07.03	6	3.5	6G74 <E35>	22FR-550	22FR-680
TJ II	07.02 - 01.04	6	3.5	6G74 <E35>	22FR-550	22FR-680
KL	06.03 - 09.04	6	3.5	6G74 <E35>	22FR-550	22FR-680
TL	06.03 - 09.04	6	3.5	6G74 <E35>	22FR-550	22FR-680
TW	10.04 - 09.05	6	3.5	6G74 <E35>; 6G74 <E40>	22FR-550	22FR-680
KL	08.08→	6	3.5	6G74 <E35>	22FR-550	22FR-680

Mirage

	01.93 - 12.03	4	1.5	4G15 <SOHC Kat.>	40B19RS	
CE	06.96 - 12.03	4	1.5	4G15 S3	40B19RS	
LA	06.13→	3	1.2	3A92	55D23L	90D23L

Mirage 1.0i

A0	08.12→	3	1.0	3A90	 Q85L	
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Nimbus

UC	09.87 - 11.91	4	2.0	4G63	40B19LS	
UF	01.92 - 11.98	4	2.4	4G64 SOHC	22NF-330D	

Outlander

ZE	05.03 - 07.04	4	2.4	4G64S4M	55D23L	90D23L
ZF	08.04 - 10.06	4	2.4	4G69 MIVEC	55D23L	90D23L
ZG/ZH	11.06→	4	2.4	4B12	90D23L	

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

GF	04.12→	4	2.0	4J11			Q85L	
			2.3	4N14 (Diesel)			110D26R	
Outlander 2.4i 4WD								
GF	10.12→	4	2.4	4J12			Q85L	
Pajero								
NA-NG	12.82 - 04.91	4	2.6	4G54			55D26R	110D26R
NF/NG	09.88 - 04.91	6	3.0	6G72			55D26R	110D26R
NF-NH	09.88 - 04.91	6	3.0	6G72 (SOHC)			55D26R	110D26R
NG-NL	10.90 - 09.99	6	3.0	6G72 (SOHC)			55D26R	110D26R
					KZN		90D23R	
NF/NG	12.90 - 06.00	4	2.5	4D56 (Diesel)			125D31R	
NH-NG	04.91 - 07.93	4	2.5	4D56 (Diesel)			125D31R	
NH	05.91 - 10.93	4	2.6	4G54			55D26R	110D26R
NH-NL	05.91 - 08.97	6	3.0	6G72			55D26R	110D26R
NJ-NL	07.93 - 05.97	6	3.5	6G74 (DOHC)			95D31R	125D31R
	07.93 - 09.99	4	2.8	4M40 (Diesel)			95D31R	125D31R
NJ-NM	11.93 - 02.00	6	3.5	6G74 Kat.			95D31R	125D31R
NF-NJ	11.93 - 04.00	4	2.8	4M40 (Diesel)			125D31R	
NJ-NL	06.94 - 05.99	4	2.8	4M40 (Diesel)			125D31R	
NL	05.97 - 09.99	6	3.5	6G74 (DOHC)			55D26R	110D26R
	08.97 - 09.99	6	3.5	6G74 (DOHC)		WW	55D23R	90D23R
NL-NW	09.97→	6	3.0	6G72 OHC Kat.			110D26R	
NL/NM	06.99 - 07.00	6	3.5	6G74 (DOHC)			55D23L	90D23L
NG-NP	06.99 - 11.04	4	3.2	4M41 (Diesel)			95D31L	125D31L
NM-NW	01.00→	6	3.5	6G74 DOHC 24V			55D23R	90D23R
NM-NS	02.00 - 08.06	4	3.2	4M41 (Diesel)			125D31L	
NM-NP	07.00 - 10.05	6	3.5	6G74 (DOHC)			95D31L	125D31L
NM-NS	07.00 - 09.06	6	3.0	6G72 (SOHC)			95D31R	125D31R
NP-NW	01.03→	4	3.2	4M41 (Diesel)			95D31L	125D31L
		6	3.8	6G75			95D31L	125D31L
NS,NT	10.06→	6	3.8	6G75			95D31L	125D31L
NT	10.08 - 08.10	4	3.2	4M41 (Diesel)			110D26L	
Pajero DI-D								
NT	07.09→	4	3.2	4M41 (Diesel)			110D26L	
Pajero iO								
QA	03.99 - 09.01	4	1.6	4G18 <6-T1>			90D23L	
			1.8	4G93 Kat.			55D23L	90D23L
	10.99 - 08.01	4	1.8	4G93 DOHC			56219	
	07.00 - 01.04	4	2.0	4G94			56219	
RVR								
	01.91 - 09.92	4	2.0	4G63 (DOHC)			90D23R	
	06.91 - 11.97	4	1.8	4G93 (SOHC)			90D23R	
	09.92 - 11.97	4	2.0	4D68 (Diesel)			95D31R	125D31R
				4G63 (DOHC)			40B19R	





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	09.94 - 11.97	4	2.0	4G63 (DOHC)	90D23R	
	09.97 - 08.02	4	1.8	4G93 (DOHC)	55D23L	90D23L
					55D23R	90D23R
			2.0	4G63 (DOHC)	55D23L	90D23L
			2.4	4G64 (DOHC)	55D23L	90D23L

Starion

	06.86 - 03.90	4	2.6	G54B Kat.	55D23R	90D23R
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Triton

MH	09.90 - 07.92	4	2.5	4D56 (Diesel)	55D26R	110D26R
			2.6	4G54	55D26R	110D26R
MJ	10.90 - 09.96	6	3.0	6G72	55D26R	110D26R
	08.92 - 09.96	4	2.5	4D56 (Diesel)	55D26R	110D26R
			2.6	4G54	55D26R	110D26R
MK	10.96 - 12.03	4	2.4	4G64	22FR-550	22FR-680
	10.96 - 04.07	6	3.0	6G72	55D26R	110D26R
	10.96→	4	2.8	4M40 (Diesel)	95D31R	125D31R
ML	08.05→	4	3.2	4M41 <DOHC DI-D> (Diesel)	95D31L	125D31L
MN	08.05→	4	2.5	4D56 <DOHC DI-D> (Diesel)	95D31R	125D31R
ML	02.07 - 08.11	6	3.5	6G74 (SOHC)	95D31L	125D31L
MK/MN	10.07→	4	2.4	4G64	55B24RS	
MN	08.08 - 08.19	4	2.4	4G64 Kat.	110D26R	
	01.11→	4	2.5	4D56T VG (Diesel)	95D31L	125D31L

Triton 2.4TD MIVEC VG 4x4

	10.14→	4	2.4	4N15 (Diesel)	95D31L	125D31L
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380

DL I	10.05 - 03.06	6	3.8	6G75	55D23R	90D23R
DL II	04.06 - 06.07	6	3.8	6G75	55D23R	90D23R
DL III	07.07 - 03.08	6	3.8	6G75	55D23R	90D23R

3000 GT

	10.92 - 09.97	6	3.0	6G72	110D26R	
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MORGAN

Plus 8

	01.90 - 09.03	8	3.9	V8 KAT Rover	40B19R	
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Altima











L33	12.12 - 09.17	4	2.5	QR25	55D23L	90D23L
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Bluebird

	09.91 - 11.95	4	2.0	SR20DET	22FR-550	22FR-680
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U13	07.93 - 09.97	4	2.4	KA24DE	22FR-550	22FR-680
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* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

								
Cefiro								
	09.88 - 08.94	6	2.0	RB20DE			110D26L	
	09.88 - 08.02	6	2.0	RB20DET; RB20E; VQ20DE			55D23L	90D23L
	06.92 - 08.02	6	2.5	RB25DE; VQ25DD; VQ25DE			55D23L	90D23L
	08.94 - 12.98	6	3.0	VQ30DE			55D23L	90D23L
A32	01.98 - 06.01	6	3.0	VQ30DE			55D23L	90D23L
Civilian								
	05.88 - 12.04	6	4.2	TD42 (Diesel)			125D31R	
Dualis								
J10	12.06 - 12.13	4	2.0	MR20DE			56219	560.060
	01.08 - 09.09	4	2.0	MR20DE		AMS	Q85L	
J10	07.11 - 12.13	4	1.6	R9M (Diesel)			S95L	
Dualis 4WD								
	05.07 - 03.14	4	2.0	MR20DE			56219	
	01.08 - 09.09	4	2.0	MR20DE			Q85L	
Elgrand 3.5i 4WD								
	05.02 - 08.10	6	3.5	VQ35DE			Q85R	
							55D23R	90D23R
Exa 1.8i								
KEN13	10.87 - 10.90	4	1.8	CA18DE			40B19LS	
Fairlady								
	07.89 - 08.00	6	3.0	VG30DE; VG30DETT			90D23L	
GT-R								
	01.91 - 12.93	6	2.6	RB26DETT			40B19L	
Juke								
F15	11.10 - 10.18	4	1.6	MR16DDT		AMS	Q85L	
Juke 4WD								
F15	11.10 - 10.18	4	1.6	MR16DDT		AMS	Q85L	
							LN2-AGM	
Largo								
	05.93 - 08.95	4	2.0	CD20TI (Diesel)			125D31L	
Laurel								
	12.88 - 01.93	4	1.8	CA18I			40B19R	
Leaf								
ZE0	10.10 - 02.13	0	0.0	EM61			55B24L	
Maxima								
J30	02.90 - 06.94	6	3.0	VG30E			55D23L	90D23L
A32	10.94 - 01.00	6	3.0	VQ30DE			55D23L	90D23L
CA33	01.00 - 01.06	6	3.0	VQ30DE			574.068	
A34	09.03 - 05.08	6	3.5	VQ35DE			55D23L	90D23L





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J32	06.08 - 02.14	6	2.5	VQ25DE		Q85L	
						AMS,WW	S95L
			3.5	VQ35DE			90D23L
					AMS	Q85L	

Micra

K11E	05.95 - 12.97	4	1.3	CG13DE		55B24LS
K12E	06.05 - 10.10	4	1.4	CR14DE		54316
K13K	07.10 - 10.15	3	1.2	HR12DE		55066

Murano

Z50	11.04 - 12.08	6	3.5	VQ35DE		55D23L	90D23L
Z51	01.09 - 06.15	6	3.5	VQ35DE		55D23L	90D23L

Murano 3.5i 4WD

	09.08 - 04.15	6	3.5	VQ35DE	AMS,WW	Q85L
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Navara

D21	09.85 - 09.95	4	2.0	Z20		95D31R	125D31R
	09.85 - 01.97	4	2.4	KA24E; Z24		55D23R	90D23R
	08.87 - 03.97	4	2.7	TD27 (Diesel)		95D31R	125D31R
	08.87 - 02.98	4	2.5	TD25 (Diesel)		95D31R	125D31R
	06.92 - 03.97	6	3.0	VG30E		55D23L	90D23L
D22	02.97 - 12.05	4	2.4	KA24E		55D23R	90D23R
	02.97 - 11.11	4	2.7	TD27 (Diesel)		95D31R	125D31R
	06.00 - 11.01	4	3.2	QD32 (Diesel)		95D31R	125D31R
	06.00 - 11.05	6	3.0	VG30E		55D23L	90D23L
	11.01 - 01.08	4	2.5	YD25 (Diesel)		95D31R	125D31R
	11.01 - 04.15	4	3.0	ZD30 (Diesel)		95D31R	125D31R
D40	01.05 - 08.13	6	4.0	VQ40DE		56219	
	05.05 - 04.15	4	2.5	YD25DDTI (Diesel)		574.068	
	06.06 - 04.15	6	4.0	VQ40DE		55D23R	90D23R
D40	05.10 - 04.15	6	3.0	V9X (Diesel)		60038	

Nomad

	12.86 - 12.92	4	2.4	Z24		40B19LS
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NX

B13	08.90 - 09.93	4	2.0	SR20DE		40B19LS
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Pathfinder

D21	08.86 - 07.92	4	2.4	Z24S		55D26R	110D26R
	09.90 - 12.92	4	2.4	Z24		55D23R	90D23R
D21	07.92 - 07.95	6	3.0	VG30E		22FR-550	22FR-680
R50	09.95 - 06.05	6	3.3	VG33E		22FR-550	22FR-680
R51	01.05 - 11.14	4	2.5	YD25DDTI (Diesel)		574.068	
	05.10 - 11.14	6	3.0	V9X (Diesel)		55D23R	90D23R
	09.12 - 03.17	6	3.5	VQ35DE		22FR-550	22FR-680

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Pathfinder 4x4								
	09.12 - 03.17	6	3.5	VQ35DE			22FR-550	22FR-680
Patrol								
Y60	08.87 - 09.97	6	4.2	TD42 (Diesel)			95D31L	125D31L
GU	02.88 - 12.95	6	4.2	TB42S			55D26R	110D26R
	04.90 - 11.97	6	3.0	RB30S			95D31L	125D31L
Y60	04.90 - 11.97	6	3.0	RB30S			55D26L	110D26L
	01.92 - 12.95	6	4.2	TB42E			55D26L	110D26L
	02.92 - 11.97	6	4.2	TB42E			95D31L	125D31L
GU	09.93 - 06.00	6	4.2	TD42T (Diesel)			95D31L	125D31L
Y60	10.94 - 09.97	6	2.8	RD28T (Diesel)			55D26L	110D26L
Y61	08.97 - 10.01	6	4.5	TB45E			95D31L	125D31L
	10.97 - 02.00	6	2.8	RD28Ti (Diesel)			55D26R	110D26R
	10.97 - 09.07	6	4.2	TD42 (Diesel); TD42T (Diesel); TD42Ti (Diesel)			95D31L	125D31L
	02.00 - 03.10	4	3.0	ZD30DDTi (Diesel)			55D26R	110D26R
	03.00 - 12.16	4	3.0	ZD30DDTi (Diesel)			95D31L	125D31L
	11.02 - 06.07	6	4.8	TB48DE			S95L	
							95D31L	125D31L
Patrol 4WD								
Y61	03.03 - 01.16	4	3.0	ZD30DDTi (Diesel)			95D31L	125D31L
Patrol 4x4								
Y61	08.04 - 02.12	6	4.8	TB48DE			55D26L	110D26L
Patrol 5.6 4x4								
Y62	03.10 - 10.17	8	5.6	VK56VD			58014	
Pintara								
R31	06.86 - 12.90	4	2.0	CA20E			22FR-550	22FR-680
U12	08.89 - 10.92	4	2.0	CA20E			22F-550	22F-680
							22F-550DF	
			2.4	KA24E			22F-550DF	
Pulsar								
N13	08.87 - 10.91	4	1.6	16LF			40B19LS	
			1.8	18LE			40B19LS	
	08.90 - 12.94	4	2.0	SR20DET			40B19LS	
N14	08.91 - 05.95	4	1.6	GA16DE			40B19LS	
			2.0	SR20DE			40B19LS	
N15	08.95 - 06.00	4	1.6	GA16DE		SCR	40B19RS	
						SED	40B19LS	
					2.0	SR20DE	40B19RS	
N16	07.00 - 02.03	4	1.6	QG16DE			40B19L	
	07.00 - 01.06	4	1.8	QG18DE <DOHC-16V-EFI>			40B19L	
Serena								
	07.92 - 12.95	4	2.0	SR20DE			55D26R	110D26R
















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Silvia							
	05.88 - 01.91	4	1.8	CA18DE; CA18DET			40B19LS
	01.91 - 08.02	4	2.0	SR20DE; SR20DET			40B19LS
S15							
	11.01 - 08.03	4	2.0	SR20DE			40B19LS
Skyline							
R31							
	07.86 - 12.90	6	3.0	RB30E			22FR-550 22FR-680
	08.91 - 05.98	6	2.5	RB25DE			40B19L
	08.93 - 05.98	6	2.5	RB25DET			40B19L
	08.93 - 01.99	6	2.0	RB20E			40B19L
	11.93 - 05.98	6	2.5	RB25DE			40B19R
	06.01 - 10.06	6	2.5	VQ25DD			55D23L 90D23L
	01.02 - 10.06	6	3.5	VQ35DE	WW		S95L
	01.02 - 09.07	6	3.5	VQ35DE			55D23L 90D23L
	12.05 - 09.07	6	3.5	VQ35DE			Q85L
Skyline Coupe 3.7i							
	10.07 - 04.14	6	3.7	VQ37VHR	AMS		Q85L
Skyline GT-R							
	01.95 - 08.02	6	2.6	RB26DETT			40B19L
Stagea 2.5i Turbo 4WD							
	10.01 - 08.04	6	2.5	VQ25DET	KZO		90D23L
Stagea 3.0i							
	10.01 - 08.04	6	3.0	VQ30DD	KZO		90D23L
Stagea 3.5i							
	08.04 - 06.07	6	3.5	VQ35DE	KZO		90D23L
Sunny 1.5i							
	01.11→	4	1.5	HR15			55D23L 90D23L
Sylphy							
B17							
	12.12 - 02.17	4	1.8	MRA8DE	AMS		Q85L
Terrano							
WD21							
	08.86 - 11.95	4	2.4	Z24			55D23R 90D23R
	08.86 - 02.99	4	2.7	TD27 (Diesel); TD27T (Diesel); TD27Ti (Diesel)			55D26R 110D26R
WD21							
	08.87 - 12.05	4	2.7	TD27 (Diesel); TD27ETi (Diesel)			95D31R 125D31R
	10.89 - 08.95	6	3.0	VG30E			55D23R 90D23R
WD21							
	09.95 - 12.05	6	3.3	VG33E			95D31R 125D31R
	08.96 - 02.99	4	3.2	QD32ETi (Diesel)			55D26R 110D26R
R20							
	11.96 - 12.99	4	2.4	KA24E			55D23R 90D23R
	11.96 - 12.06	4	2.7	TD27Ti (Diesel)			55D26R 110D26R
	02.99 - 08.02	4	3.0	ZD30DDTi (Diesel)			55D26R 110D26R
Tiida							
C12							
	01.05 - 08.12	4	1.8	MR18DE			55B24LS
	01.05 - 10.12	4	1.8	MR18DE			55B24L

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C11		02.07 - 03.10	4	1.8	MR18DE		55B24L	
C12		06.13→	4	1.6	MR16DDT		55B24L	
UD 1200								
		02.96 - 11.01	4	4.6	FD46TA (Diesel)		95D31R	125D31R
Urvan								
		11.80→	4	1.6	J16		95D31R	125D31R
E24		11.86 - 06.97	4	2.4	Z24S		95D31R	125D31R
				2.7	TD27 (Diesel)		95D31R	125D31R
Vanette								
GC22		05.86 - 04.93	4	2.0	Z20; Z20S		40B19RS	
		06.86 - 10.91	4	2.4	Z24S		40B19RS	
X-Trail								
		09.01 - 11.07	4	2.5	QR25DE		90D23R	
T30		09.02 - 03.07	4	2.5	QR25DE		55D23L	90D23L
T31		04.07 - 04.14	4	2.0	M9R (Diesel)		55D23L	90D23L
		08.07 - 04.14	4	2.0	MR20DE		55D23L	90D23L
				2.5	QR25DE		55D23L	90D23L
T31		09.08 - 04.14	4	2.0	M9R (Diesel)		S95L	
X-Trail 1.6 dCi								
T32		04.14 - 05.17	4	1.6	R9M (Diesel)		LN3-AGM	
X-Trail 1.6 dCi 4X4								
T32		04.14 - 05.17	4	1.6	R9M (Diesel)		LN3-AGM	
X-Trail 2.0i								
T32		12.13→	4	2.0	MR20DD		S95L	
X-Trail 2.5								
T31		04.07 - 05.17	4	2.5	QR25DE		55D23L	90D23L
180SX								
		03.89 - 01.91	4	1.8	CA18DET		22FR-550	22FR-680
		01.91 - 01.99	4	2.0	SR20DE; SR20DET		22FR-550	22FR-680
200SX								
S13		09.88 - 12.93	4	1.8	CA18DT <CA18ET>		22FR-550	22FR-680
S14		04.94 - 12.99	4	2.0	SR20DET		22FR-550	22FR-680
300ZX								
Z32		01.90 - 11.95	6	3.0	VG30DE		55D26L	110D26L
		01.90 - 08.96	6	3.0	VG30DE <VG30DETT>; VG30DETT		95D31R	125D31R
350Z								
Z33		09.02 - 01.07	6	3.5	VQ35DE		55D23L	90D23L
350Z Cabriolet								
Z33		09.03 - 01.07	6	3.5	VQ35DE		55D23L	90D23L





OPEL







Astra						
J	09.12→	4	2.0	A 20 DTH <ecoFlex> (Diesel)		575.068
Astra Sports Tourer						
J	09.12→	4	1.4	A 14 NET <Ecotec>		560.060
Astra 1.6 Turbo GTC						
J	04.13→	4	1.6	A 16 XHT		560.060
Insignia						
A	09.12 - 12.17	4	2.0	A 20 DTH <ecoFlex> (Diesel); A 20 NFT <Ecotec>		575.068
Insignia Sports Tourer						
A	09.12 - 12.17	4	2.0	A 20 DTH <ecoFlex> (Diesel)		58014
				A 20 NFT <Ecotec>		575.068
Insignia 2.8 Turbo 4x4						
A	09.09 - 12.17	6	2.8	A 28 NER <Ecotec>		58014
Zafira 1.6 Turbo						
C	04.13→	4	1.6	A 16 XHT		LN3-AGM
Zafira 2.0 CDTI						
C	01.12→	4	2.0	A 20 DTH <ecoFlex> (Diesel)		575.068

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Expert						
G9	02.07 - 12.16	4	2.0	RH... <DW10UTED4> (Diesel); RHR <DW10BTED4> (Diesel)		574.068
Expert 2.0 HDi						
G9	04.10 - 12.16	4	2.0	RHH <DW10CTED4 FAP> (Diesel)		575.068
Partner						
B9	05.08 - 02.12	4	1.6	NFR <TU5JP4B>; 9HT <DV6B/DV6BUTED4> (Diesel); 9HX <DV6ATED4/DV6AUTED4> (Diesel)		LN3-AGM
RCZ HDi 2.0						
T75	01.10 - 12.15	4	2.0	RHH <DW10CTED4 FAP> (Diesel)		575.068
RCZ R						
T75	09.13 - 12.15	4	1.6	5FG <EP6CDTR>		560.060
RCZ 1.6 THP						
T75	01.10 - 12.15	4	1.6	5FU <EP6CDTX>		560.060
				5FV <EP6CDT>		575.068
205						
	10.87 - 09.98	4	1.9	D6B <XU9JA>		54316

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Model	Period	Cyl.	CC	Engine Code	Part Number	Notes
205 GTI						
	10.87 - 04.94	4	1.9	DFY,DKZ <XU9JAZ Kat.>; DFZ <XU9J1 Kat.>	54316	
205 Si						
	04.91 - 04.94	4	1.6	BDY <XU5M Kat.>	54316	
206						
T1	06.98 - 08.07	4	1.6	NFU <TU5JP4>; NFZ <TU5JP>	55066	
	03.00 - 02.09	4	1.4	KF... <TU3JP>	55066	
	06.01 - 02.07	4	1.6	N6A <TU5JP4>	55457	560.060
	02.04 - 12.05	4	1.4	KFW <TU3JP>	55457	560.060
206CC						
T1	09.00 - 03.07	4	1.6	NFU <TU5JP4>	55066	
207						
A7	05.06 - 06.09	4	1.4	KF... <TU3A>; KF... <ET3J4>	55066	
						LN3-AGM
	05.06 - 04.10	4	1.6	9H... <DV6TED4> (Diesel)		LN3-AGM
	07.06 - 04.10	4	1.6	5FW <EP6>; 5FX <EP6DT>	55066	
						LN3-AGM
	07.09 - 09.12	4	1.6	5FS <EP6C>		LN3-AGM
207 GTI						
A7	04.07 - 02.11	4	1.6	5FY <EP6DTS>	55066	
						LN3-AGM
207CC						
A7	03.07 - 09.12	4	1.6	5FS <EP6C>; 5FW <EP6>; 5FX <EP6DT>		LN3-AGM
208 1.2 THP						
	01.14 - 12.18	3	1.2	HNZ <EB2DT>	560.060	
208 1.6 THP						
	01.12 - 01.15	4	1.6	5FV <EP6CDT>	560.060	
208 1.6 THP GTI						
	09.12 - 04.15	4	1.6	5FU <EP6CDTX>	560.060	
306						
N3	01.93 - 04.97	4	1.8	LFZ <XU7JP KAT.>	55065	
	05.93 - 04.97	4	1.9	D8A <XUD9TE> (Diesel)	56219	
	08.93 - 04.97	4	2.0	RFX <XU10J2 Kat.>; RFY <XU10J4>; R6D <XU10J2>	54316	
N5	05.97 - 10.03	4	1.8	LFY <XU7JP4>; LFZ <XU7JP KAT.>; L6A <XU7JP>	54316	
			1.9	DHY <XUD9TE> (Diesel)	56219	
			2.0	RFS <XU10J4RS>; RFV <XU10J4R> R6E <XU10J4R>	54316	
					54316	
		12.97 - 12.07	4	1.8	<XU7JP4>	55066
N5	06.99 - 10.03	4	2.0	RHY <DW10TD> (Diesel)	56219	





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306CC


N3	01.93 - 04.97	4	1.8	LFZ <XU7JP KAT.>	54316
N5	05.97 - 10.03	4	1.8	LFY <XU7JP4>	54316
			2.0	RFV <XU10J4R>	54316

307

T5	08.00 - 05.05	4	1.6	NFU <TU5JP4>	55066
			2.0	RFK <EW10J4S>; RFN <EW10J4>	56219
				RHR <DW10BTED4/FAP> (Diesel); RHY <DW10TD> (Diesel)	574.068

T6	06.05 - 05.08	4	2.0	RHR <DW10BTED4/FAP> (Diesel)	574.068
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308

T7	09.07 - 03.10	4	1.6	9H... <DV6TED4> (Diesel)	574.068			
					 LN3-AGM			
				09.07 - 06.13	4	2.0	RH... <DW10BTED4> (Diesel)	LN3-AGM
				09.07 - 12.13	4	1.6	5FW <EP6>; 5FX <EP6DT>	LN3-AGM
				09.07 - 01.14	4	2.0	RH... <DW10BTED4> (Diesel)	574.068
				05.08 - 04.10	4	1.6	5FT <EP6DT>	56219

308 1.2 THP SW

T9	01.14 - 12.18	3	1.2	HNY <EB2DTS>	560.060
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308 1.6 THP

T9	07.13→	4	1.6	5FV <EP6CDT>	575.068
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308 1.6 THP SW

T7	04.10 - 01.14	4	1.6	5FV <EP6CDT>	560.060
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308 2.0 HDi

T7	03.10 - 06.13	4	2.0	RHH <DW10CTED4 FAP> (Diesel)	575.068
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308 2.0 HDi SW

T7	09.09 - 01.14	4	2.0	RHH <DW10CTED4 FAP> (Diesel)	575.068
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308CC

T7	03.09 - 06.11	4	1.6	5FT <EP6DT>	 LN3-AGM
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405

15	04.88 - 12.92	4	1.9	DFV <XU9J2 Kat.>; DFW <XU9J4Z Kat.>; DFZ <XU9J1 Kat.>; DKZ,DFY <XU9JAZ Kat.>	56219
				4	06.92 - 04.97
			2.0	RFT <XU10J4>; RFX <XU10J2 Kat.>; RFY <XU10J4>	

406

D8	10.95 - 03.99	4	2.0	RFV <XU10J4R>	55066
	12.95 - 03.99	4	2.1	P8C <XUD11BTE> (Diesel)	574.068
	08.96 - 03.99	6	3.0	XFZ <ES9J4>	574.068

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D9	04.99 - 06.04	4	1.8	LFY <XU7JP4>			55066	
				2.0	RHZ <DW10ATED> (Diesel)		56219	
	04.99 - 02.05	4	2.0	RFN <EW10J4>; RFR <EW10J4>; RFV <XU10J4R>			55066	
				6	3.0	XFX <ES9J4S>; XFZ <ES9J4>		574.068
03.00 - 06.04	4	2.2	4HX <DW12TED4> (Diesel)			574.068		
407								
D2	05.04 - 10.05	4	2.2	3FZ <EW12J4>			56219	
	05.04 - 11.05	4	2.0	RFN <EW10J4>			56219	
	05.04 - 12.06	6	3.0	XFV <ES9A>			56219	
	05.04 - 02.11	4	2.0	RH... <DW10BTED4> (Diesel)			574.068	
	10.05 - 06.09	6	2.7	UHZ <DT17TED4> (Diesel)			574.068	
505								
	03.86 - 12.93	4	2.2	851X <ZDJL Kat.>			56219	
508								
W2	10.10 - 12.18	4	2.0	RHH <DW10CTED4 FAP> (Diesel)			575.068	
			2.2	4HL <DW12C> (Diesel)			575.068	
							LN3-AGM	
508 1.6 THP SW								
W2	11.10→	4	1.6	5FV <EP6CDT>			560.060	
605								
Y30	07.93 - 05.99	6	3.0	UFZ <ZPJ KAT.>			56219	
607								
Z8	03.00 - 11.04	6	3.0	XFX <ES9J4S>			56638	
Z9	12.04 - 01.09	6	3.0	XFV <ES9A>			574.068	
2008 1.2 VTi								
A94	03.13 - 12.18	3	1.2	HMZ <EB2>			560.060	
2008 1.6 VTi								
A94	03.13 - 12.17	4	1.6	5FS <EP6C>			560.060	
3008								
T8	05.09 - 12.16	4	1.6	5FV <EP6CDT>; 9HZ <DV6TED4/FAP> (Diesel)			LN3-AGM	
			2.0	RHH <DW10CTED4 FAP> (Diesel)			LN3-AGM	
4007								
I3	09.07 - 11.12	4	2.2	4HN <DW12METED4/FAP> (Diesel)			95D31L	125D31L
5008 2.0 HDi								
T8	09.09 - 12.17	4	2.0	RHH <DW10CTED4 FAP> (Diesel)			575.068	
PORSCHE								
Boxster								
986	10.96 - 08.99	6	2.5	M96.20			58014	
	09.99 - 08.04	6	2.7	M96.22; M96.23			58014	
987	09.04 - 12.08	6	2.7	M96.25; M97.20			58014	





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987	02.09 - 09.12	6	2.9	MA1.20		58014
Boxster GTS						
981	02.14 - 08.16	6	3.4	MA1.23	START STOP	LN4-AGM
Boxster S						
986	09.99 - 08.04	6	3.2	M96.21; M96.24		58014
987	09.04 - 08.06	6	3.2	M96.26		58014
	09.06 - 09.12	6	3.4	MA1.21; M97.21		58014
Boxster Spyder						
987	09.10 - 09.12	6	3.4	MA1.21C		58014
Carrera GT						
980	10.04 - 04.06	10	5.7	M80.01		58014
Carrera GT 5.7 Convertible						
980	09.03 - 08.05	10	5.7	M80.01		58014
Cayenne						
92A	09.10 - 08.11	6	3.0	M05.9E (Diesel)	START STOP	LN5-AGM
	09.10 - 08.14	6	3.6	M55.02	START STOP	LN5-AGM
	09.14 - 08.17	6	3.0	MCV.VA <DD7> (Diesel)	START STOP	LN5-AGM
	09.14 - 05.18	6	3.6	MCE.YA <D34>		575.068
Cayenne S						
9PA	09.02 - 01.07	8	4.5	M48.00		60038
	02.07 - 09.10	8	4.8	M48.01		60038
Cayenne Turbo						
9PA	02.07 - 08.10	8	4.8	M48.51		60038
92A	09.14 - 05.18	8	4.8	MCF.TB <DT1>	START STOP	LN5-AGM
Cayenne Turbo S						
92A	02.13 - 08.14	8	4.8	M48.52 <D58>	START STOP	LN5-AGM
	09.14 - 05.18	8	4.8	MCY.XA <DT5>	START STOP	LN4-AGM
Cayenne 3.6 GTS						
92A	09.14 - 05.18	6	3.6	MCX.ZA <DU3>	START STOP	LN4-AGM
Cayenne 3.6 S						
92A	09.14 - 05.18	6	3.6	MCU.RA <DU2>	START STOP	LN5-AGM
Cayman						
987C	09.06 - 01.09	6	2.7	M97.20		58014
	02.09 - 12.12	6	2.9	MA1.20C		58014
Cayman GTS						
981C	02.14 - 08.16	6	3.4	MA1.23	START STOP	LN4-AGM
Cayman R						
987C	02.10 - 12.12	6	3.4	MA1.21C		58014

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Model	Year Range	Cyl.	CC	Engine Code	Start/Stop	OEM Equivalent	Premium Upgrade
Cayman S							
987C	02.09 - 12.12	6	3.4	MA1.21C		58014	
Cayman 2.7							
981C	03.13 - 08.16	6	2.7	MA1.22	START/STOP	LN4-AGM	
Cayman 3.4 S							
981C	03.13 - 08.16	6	3.4	MA1.23	START/STOP	LN4-AGM	
Macan 3.0 Diesel S							
95B	03.14 - 08.18	6	3.0	MCT.BA <DD7> (Diesel)		60038	
Macan 3.0 S							
95B	03.14 - 08.18	6	3.0	MCT.MA <DU0>		60038	
Macan 3.6 Turbo							
95B	03.14 - 08.18	6	3.6	MCT.LA <DU1>		60038	
Panamera							
970	05.10 - 09.13	6	3.6	M46.20; M46.40	START/STOP	LN5-AGM	
	03.11 - 09.13	8	4.8	M48.70	START/STOP	LN5-AGM	
Panamera S							
970	03.09 - 09.13	8	4.8	M48.20	START/STOP	LN5-AGM	
Panamera Turbo							
970	03.09 - 09.13	8	4.8	M48.70	START/STOP	LN5-AGM	
Panamera 3.0							
970	07.13 - 10.16	6	3.0	MCW.JA <DJ5> (Diesel)		60038	
Panamera 3.0 4S							
970	07.13 - 10.16	6	3.0	MCW.DA	START/STOP	LN5-AGM	
Panamera 3.6							
970	07.13 - 08.16	6	3.6	MC...	START/STOP	LN5-AGM	
Panamera 3.6 4							
970	07.13 - 08.16	6	3.6	MC...	START/STOP	LN5-AGM	
Panamera 4S							
970	03.09 - 09.13	8	4.8	M48.40	START/STOP	LN5-AGM	
Panamera 4.8 GTS							
970	07.13 - 08.16	8	4.8	MCX....	START/STOP	LN5-AGM	
Panamera 4.8 Turbo							
970	07.13 - 08.16	8	4.8	MCW.BA	START/STOP	LN5-AGM	
911							
997	08.06 - 05.08	6	3.8	M97.01		575.068	
	08.06 - 08.09	6	3.6	M96.05; M97.70		575.068	
911 Carrera							
964	09.89 - 08.93	6	3.6	M64.0...		56638	574.068
993	09.93 - 08.97	6	3.6	M64.0...; M64.2...		56638	574.068
	09.94 - 08.97	6	3.8	M64.20		56638	574.068





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996	09.97 - 09.01	6	3.4	M96.01; M96.04	56638	574.068
	09.01 - 08.05	6	3.6	M96.03	56638	574.068
997	08.04 - 05.08	6	3.6	M96.05	574.068	
	04.05 - 05.08	6	3.8	M97.01	574.068	
997 GT3	03.06 - 12.08	6	3.6	M97.76	574.068	
997	06.08 - 09.12	6	3.6	MA1.02	58014	
911 Carrera Cab						
997	06.08 - 09.12	6	3.6	MA1.02	58014	
911 Carrera Cab 4						
997	06.08 - 09.12	6	3.6	MA1.02	58014	
911 Carrera S						
997	08.04 - 05.08	6	3.8	M97.01	574.068	
911 Carrera S Cab						
997	06.08 - 09.12	6	3.8	MA1.01	575.068	
911 Carrera 4						
964	09.89 - 08.93	6	3.6	M64.01	56638	574.068
993	09.94 - 08.97	6	3.6	M64.05; M64.21	56638	574.068
996	09.98 - 08.99	6	3.4	M96.02	56638	574.068
	09.01 - 08.05	6	3.6	M96.03	56638	574.068
997	10.05 - 05.08	6	3.8	M97.01	574.068	
	06.08 - 09.12	6	3.6	MA1.02	58014	
911 Carrera 4S						
997	06.08 - 09.12	6	3.8	MA1.01	575.068	
911 Carrera 4S Cab						
997	06.08 - 09.12	6	3.8	MA1.01	575.068	
911 GTS						
997	10.10 - 09.12	6	3.8	MA1.01	575.068	
911 GTS Cab						
997	10.10 - 09.12	6	3.8	MA1.01	575.068	
911 GT2						
996T/GT2/GT3	06.01 - 09.04	6	3.6	M96.70S	574.068	
997	09.07 - 09.09	6	3.6	M97.70S	574.068	
911 GT2 RS						
997	09.10 - 08.11	6	3.6	M97.70	60038	
911 GT3						
996T/GT2/GT3	03.99 - 08.01	6	3.6	M96.76	56638	574.068
997 GT3	08.09 - 08.11	6	3.8	M97.77	575.068	
911 GT3 RS						
997 GT3	08.10 - 08.11	6	3.8	M97.77	575.068	

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.



911 Targa 4							
997	06.08 - 09.12	6	3.6	MA1.02		58014	
911 Targa 4S							
997	06.08 - 09.12	6	3.8	MA1.01		575.068	
911 Turbo							
964	12.90 - 08.92	6	3.3	M30.69		56638	574.068
	01.93 - 08.93	6	3.6	M64.50		56638	574.068
993	03.95 - 09.97	6	3.6	M64.60		56638	574.068
996T/GT2/GT3	06.00 - 09.05	6	3.6	M96.70		56638	574.068
	02.03 - 09.05	6	3.6	M96.70E		574.068	
	10.03 - 09.05	6	3.6	M96.70		574.068	
997	03.06 - 08.09	6	3.6	M97.70		575.068	
	10.09 - 08.13	6	3.8	MA1.70		575.068	
911 Turbo Cab							
997	10.09 - 08.13	6	3.8	MA1.70		575.068	
911 Turbo S							
997	05.10 - 08.13	6	3.8	MA1.70		575.068	
911 Turbo S Cab							
997	05.10 - 08.13	6	3.8	MA1.70		575.068	
911 3.8 Turbo Cabriolet							
991	09.13 - 08.16	6	3.8	MA1.71		60038	
928S							
	08.86 - 07.91	8	5.0	M28.4...		56638	574.068
	08.91 - 11.95	8	5.4	M28....		56638	574.068
944							
	09.87 - 07.91	4	2.5	M44.52		56318	575.068
	12.88 - 07.91	4	3.0	M44.41		56318	575.068
968							
	08.91 - 11.95	4	3.0	M44.4...		56318	575.068

PROTON

Exora Bold 1.6 i							
CFE	10.12→	4	1.6	S4PH <Campro CFE>		90D23L	
GEN2 1.6 i							
	02.04→	4	1.6	S4PH		56219	
Persona							
C90 CC0	01.93 - 12.97	4	1.5	4G15 Euro I		22FR-550	22FR-680
C90 CC1	12.95 - 06.99	4	1.6	4G92 Euro II <SOHC>		22FR-550	22FR-680
	12.95→	4	1.3	4G13 Euro II		22FR-550	22FR-680
			1.5	4G15 Euro II; 4G15 <Euro 2>		22FR-550	22FR-680
CM	08.07 - 11.15	4	1.6	S4PH		55D23R	90D23R





◀ PROTON

Preve

P3-21	04.12→	4	1.6	S4PH <Campro CFE>	90D23L
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Preve 1.6

P3-21	04.12→	4	1.6	S4PH <IAFM>	90D23L
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Satria

C90	03.95→	4	1.6	4G92	22FR-550	22FR-680
	05.96→	4	1.5	4G15	22FR-550	22FR-680
					22FR-610	22FR-680
	11.98→	4	1.8	4G93	22FR-550	22FR-680

Satria Neo

C90	11.06→	4	1.6	<Campro DOHC 16v>	55D23R	90D23R
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S16

	06.09 - 11.15	4	1.6	S4PH <IAFM>	56217
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Waja

CF1	09.00→	4	1.6	4G18 S4	55D23L	90D23L
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Wira

C90	05.95 - 12.96	4	1.6	4G92	55458
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RENAULT

Clio

BB./CB./SB.	06.98 - 10.07	4	1.6	K4M 708; K4M 742; K4M 744; K4M 748	55066	
BB/CB/SB	03.99 - 10.07	4	2.0	F4R 730	55066	
BB./CB./SB.	10.99 - 10.07	4	1.4	K4J 71...; K4J 710; K4J 711; K4J 713	55066	
	06.01 - 10.07	4	2.0	F4R 732; F4R 736; F4R 738	55066	
LB	06.01 - 10.07	4	1.4	K4J 712	55066	
	11.01 - 10.07	4	1.4	K4J 713	54316	
BR/CR	06.05 - 12.15	4	1.4	K4J 780	55457	560.060
	12.05 - 12.15	4	2.0	F4R 830	55457	560.060

Clio IV 1.6 R.S. 200

BH	12.12 - 12.18	4	1.6	M5M 400		LN3-AGM
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Kangoo

FC./KC.	01.03 - 12.07	4	1.6	K4M 732	55066
	04.05 - 12.07	4	1.5	K9K 718 (Diesel)	56638
FW/KW	03.11 - 12.18	4	1.5	K9K 816 (Diesel)	560.060

Kangoo II 1.5 dCi

FW/KW	01.08 - 12.18	4	1.5	K9K 800 (Diesel)	575.068
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Koleos

HY	09.08 - 12.16	4	2.0	M9R 86... (Diesel); M9R 833 (Diesel)	575.068
			2.5	2TR 700	110D26L

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Laguna						
B56	01.94 - 02.01	4	2.0	F3R 722; F3R 723	56219	
		6	3.0	Z7X 760	56219	
BG.	03.01 - 09.07	4	2.0	F4R 712	56219	
		6	3.0	L7X 731	56219	
	06.01 - 09.07	4	2.0	F4R 713	55457	560.060
	07.05 - 09.07	4	2.2	G9T 605 (Diesel)	56318	575.068
BT	10.07 - 12.16	4	2.0	M9R 74... (Diesel)	58014	
KT	10.07 - 12.16	4	2.0	M9R 742 (Diesel)	58014	
Latitude 2.0 dCi						
L7	09.10 - 12.16	4	2.0	M9R 8... (Diesel)	575.068	
Latitude 2.5						
L7	09.10 - 12.16	6	2.5	2ZV 604	60038	
Master						
	11.06 - 04.10	4	2.5	G9U 650 (M1) <120BO, Euro 4> (Diesel)	574.068	
Master II						
	10.03 - 01.10	4	2.5	G9U 750 (Diesel)	60038	
Master III 2.3 dCi 150 FWD						
	10.12→	4	2.3	M9T 880 (Diesel)	60038	
Master III 2.3 dCi 150 RWD						
	10.12→	4	2.3	M9T 898 (Diesel)	60038	
Megane						
X64	03.99 - 09.03	4	1.6	K4M 700	56219	
LM	09.02 - 10.09	4	2.0	F4R 770; F4R 771	560.060	
BM./CM./GM./SM.	11.02 - 10.08	4	2.0	F4R 770; F4R 774; M9R 724 (Diesel)	560.060	
KM.	10.03 - 05.09	4	2.0	F4R 770	560.060	
EM	10.03 - 03.10	4	1.6	K4M 760; K4M 761	560.060	
			2.0	F4R 770	56318	575.068
				F4R 771	560.060	
BM./CM./GM./SM.	05.05 - 10.08	4	1.6	K4M 812	560.060	
KM.	05.05 - 05.09	4	1.9	F9Q 803 (Diesel)	560.060	
LM	05.05 - 10.09	4	1.9	F9Q 803 (Diesel)	55457	560.060
KZ	06.09 - 12.15	4	1.5	K9K 836 (Diesel)	560.060	
Megane III 1.5 dCi Coupe						
DZ	01.09 - 12.16	4	1.5	K9K 836 (Diesel)	560.060	
Megane III 2.0 CC						
EZ	10.10 - 12.16	4	2.0	M4R 713	560.060	
Megane III 2.0 Grandtour						
KZ	06.09 - 12.15	4	2.0	M4R 711	55066	560.060
Megane III 2.0 Hatchback						
BZ	11.08 - 12.16	4	2.0	M4R 711	560.060	





◀ RENAULT

Megane RS

DZ	11.09 - 12.16	4	2.0	F4R 874	574.068
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R 19

X53	09.88 - 12.95	4	1.7	F3N 742 Kat.; F3N 743 Kat.	56219
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	05.92 - 12.95	4	1.8	F3P 682 Kat.; F3P 700 Kat.; F3P 765 Kat.	56219
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R 21

L48	07.86 - 12.94	4	2.2	J7T 754,755 Kat.	56219
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	10.86 - 03.93	4	2.0	J7R 750,751	56219
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R 25

	10.86 - 12.92	4	2.2	J7T 732,733 Kat.	56219
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	05.88 - 12.92	6	2.9	Z7W 701	56219
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Scenic

JA	03.99 - 04.03	4	1.6	K4M 700	55457	560.060
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	06.99 - 04.03	4	2.0	F4R 744	56219
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	06.00 - 04.03	4	2.0	F4R 746	560.060
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	11.00 - 04.03	4	2.0	F4R 744	560.060
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JM	05.03 - 04.09	4	2.0	F4R 770; F4R 771	55457	560.060
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Scenic II

JM	05.05 - 04.09	4	1.9	F9Q 803 (Diesel)	55457	560.060
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Trafic

EL/FL/JL	06.01 - 12.06	4	1.9	F9Q 760 (Diesel)	574.068
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	01.06 - 12.14	4	2.0	M9R 780 (Diesel)	574.068
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Trafic III

EG/FG/JG	05.14 - 12.18	4	1.6	R9M 450 (Diesel)	 LN3-AGM
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ROLLS-ROYCE

Corniche

	04.93 - 08.94	8	6.8	L 410 M	55D26R	110D26R
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	01.00 - 12.02	8	6.8	OHV V8	55D26R	110D26R
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Ghost

RR4	12.09→	12	6.6	N74 B66A	60038
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Park Ward

	03.00 - 12.02	12	5.4	<M 73 B 54>	55D26R	110D26R
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Phantom

RR1	03.03 - 12.16	12	6.8	N73 B68A	60038
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Phantom Coupe

RR3	09.08 - 12.16	12	6.8	N73 B68A	60038
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Phantom Drophead

RR2	06.07 - 12.16	12	6.8	N73 B68A	60038
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Silver Dawn								
	09.94 - 08.97	8	6.8	OHV V8			55D26R	110D26R
Silver Seraph								
	03.98 - 12.02	12	5.4	<M 73 B 54>			55D26R	110D26R
Silver Spirit								
	01.89 - 03.93	8	6.8	OHV V8			55D26R	110D26R
	03.94 - 05.98	8	6.8	L 410 MN 1T			55D26R	110D26R
Silver Spur								
	07.89 - 12.98	8	6.8	OHV V8; OHV V8 <Kat.>			55D26R	110D26R
ROVER								
75								
	01.99 - 05.05	6	2.5	25 K4F <KV6>			574.068	
	01.03 - 05.05	4	2.0	20 4D 2 <M 47 D 20> (Diesel)			574.068	
827								
	02.88 - 10.91	6	2.7	C27A V6			56219	
SAAB (SAAB AUTOMOBILE AB)								
9-3								
9400	02.98 - 08.02	4	2.3	B234I; B235R			55457	560.060
	03.98 - 09.02	4	2.0	B 204 E <Turbo- Katalysator>; B204I; B204L; B205E <Ecopower>; B205L; B205R <Turbo>			55457	560.060
9440	09.02 - 02.11	4	2.0	B207E; B207L			56318	575.068
	02.03 - 02.11	4	2.0	B207R			56318	575.068
	09.05 - 06.12	6	2.8	B284L <Turbo>			56318	575.068
	07.07 - 06.12	4	2.0	B207R			560.060	
	04.08 - 06.12	6	2.8	B284L <Turbo>			560.060	
9-3 Cabriolet								
9440	08.03 - 02.11	4	2.0	B207E; B207L; B207R			56318	575.068
	09.05 - 02.11	6	2.8	B284L <Turbo>			56638	574.068
	01.06 - 02.11	4	1.9	Z 19 DTH <Ecotec> (Diesel); Z 19 DTR (Diesel)			574.068	
	09.08 - 06.12	6	2.8	B284L			560.060	
9-3 Kombi								
9440	03.05 - 02.11	4	2.0	B207R			56318	575.068
	03.05 - 06.12	4	2.0	B207L			56318	575.068
		6	2.8	B284L <Turbo>			56638	574.068
	03.08 - 06.12	6	2.8	B284L			560.060	
	03.09 - 06.12	4	2.0	B207R			560.060	
9-5								
9600	09.01 - 02.10	4	2.3	B235R			56638	574.068
9-5 Kombi								
9600	09.01 - 02.10	4	2.3	B235R			56638	574.068





◀ SAAB

900						
	09.83 - 08.92	4	2.0	B 201 Kat.; B 202 Kat.		55D26R 110D26R
	09.90 - 08.94	4	2.1	B 212 Kat.		55D26R 110D26R
	09.93 - 08.98	4	2.0	B 204 Kat.; B 206 Kat.		56638 574.068
	09.93 - 10.98	6	2.5	B 258		56638 574.068
900 Turbo						
	08.84 - 08.93	4	2.0	B 202 L Kat.		56219
900 Turbo Cabriolet						
	08.86 - 09.93	4	2.0	B 202 L Kat.		56219
9000						
	08.86 - 08.93	4	2.0	B 202 I; B 202 L <Turbo- Katalysator>		56219
	09.89 - 12.98	4	2.3	B 234 I <Kat>; B 234 L <Kat>; B 234 L <Turbo- Katalysator>		56638 574.068
	09.94 - 12.98	6	3.0	B 308 I <Kat>		575.068
						56638 574.068












SEAT

Cordoba						
6K2	09.93 - 04.96	4	2.0	2E		55457 560.060
	07.94 - 12.02	4	1.8	ADZ		55457 560.060
	12.95 - 11.02	4	1.6	AFT		55457 560.060
	03.97 - 12.98	4	1.6	AEE		54316
Ibiza						
6K1	03.93 - 04.96	4	2.0	2E		54316
	09.93 - 12.97	4	1.4	ABD; AEX		54316
	06.96 - 10.99	4	2.0	ABF		54316
Toledo						
1L2	05.91 - 03.99	4	2.0	ABF; AGG; 2E		55457 560.060

SKODA

Fabia						
5J2	03.10 - 12.14	4	1.2	CBZB <DB0/TW0>		560.060
NJ3	08.14→	4	1.2	CJZC <DB7/TP1>; CJZD <DB8/TP1>		560.060
Fabia Combi						
5J5	03.10 - 12.14	4	1.2	CBZB <DB0/TW0>		560.060
NJ5	08.14→	4	1.2	CJZC <DB7/TP1>; CJZD <DB8/TP1>		560.060
Fabia 1.4						
5J2	03.10 - 12.14	4	1.4	CGGB <D22/TT1>		LN2-AGM
Octavia						
1Z3	05.04 - 05.10	4	2.0	BKD <D7N> (Diesel)		574.068

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1Z3	03.06 - 03.11	4	1.9	BXE <D3W> (Diesel)			574.068	
	06.07 - 06.13	4	1.8	BZB <D67>; CDAA <D67/TE6>			560.060	
	05.08 - 05.13	4	2.0	CCZA <DL2>; CEGA <D93> (Diesel); CFHC <D91/TP4> (Diesel)			575.068	
1Z5	05.08 - 05.13	4	2.0	CCZA <DL2>; CEGA <D93> (Diesel); CFHC <D91/TP4> (Diesel)			575.068	
	11.08 - 06.13	4	1.8	CDAA <D67/TE6>			575.068	
1Z3	06.09 - 04.13	4	1.6	CAYC <D38/TF3> (Diesel)			LN3-AGM	
1Z5	06.09 - 04.13	4	1.6	CAYC <D38/TF3> (Diesel)			LN3-AGM	
5E3	11.12 - 05.15	4	1.4	CHPA <DF6/TL1>			560.060	
	11.12→	4	1.8	CJSA <DF4>			560.060	
Octavia Combi								
1U5	08.00 - 12.10	4	1.8	AUM			56219	
1Z5	05.04 - 05.10	4	2.0	BKD <D7N> (Diesel); BMM <D7N/TM0> (Diesel); BWA <D2L/T59>			574.068	
	11.04 - 03.11	4	1.9	BXE <D3W> (Diesel)			574.068	
	06.07 - 10.08	4	1.8	BZB <D67>			575.068	
5E5	11.12 - 05.15	4	1.4	CHPA <DF6/TL1>			560.060	
Octavia Scout								
1Z5	05.10 - 05.13	4	2.0	CFHC <D91/TP4> (Diesel)			575.068	
Octavia Scout 110TDI								
5E5	05.13 - 05.15	4	2.0	CKFC <DN4> (Diesel)			560.060	
Octavia Scout 132TSI								
5E5	11.12→	4	1.8	CJSA <DF4>; CJSA <DF4/TA8>			560.060	
Octavia Scout 135TDI								
5E5	09.14 - 05.15	4	2.0	CUPA <DK7> (Diesel)			560.060	
Octavia 1.8 RS								
1U2	08.00 - 09.04	4	1.8	AUQ			560.060	
Octavia 2.0 FSI								
1Z3	11.04 - 11.05	4	2.0	BLR <D2Z>			560.060	
Rapid TSI Spaceback								
NH1	05.15 - 12.19	4	1.2	CJZD <DB8/TP1>			560.060	
			1.4	CZCA <D33/TL1>			560.060	
Rapid 1.2 TSI Spaceback								
NH1	10.13 - 05.15	4	1.2	CBZB <DB0/TW0>			LN3-AGM	
Rapid 1.4 TSI Spaceback								
NH1	10.13 - 06.15	4	1.4	CAXA <D4X/TU0>			560.060	
Roomster								
5J7	05.06 - 07.10	4	1.6	BTS <D3H>			55066	
Roomster 1.2 TSI								
5J7	03.10 - 05.15	4	1.2	CBZB <DB0/TW0>			560.060	





◀ SKODA

Superb					
3T4	06.08 - 05.10	4	2.0	CBBB <D93/TG3> (Diesel)	575.068
	09.08 - 05.15	4	1.8	CDAА <D67/TE6>	560.060
	11.08 - 05.13	6	3.6	CDVA <D04>	58014
Superb Combi					
3T5	05.10 - 05.15	4	2.0	CFGB <D93/TL4> (Diesel)	575.068
Superb Kombi					
3T5	09.09 - 05.10	4	2.0	CBBB <D93/TG3> (Diesel)	575.068
	09.09 - 05.15	4	1.8	CDAА <D67/TE6>	560.060
		6	3.6	CDVA <D04>	560.060
Yeti					
5L7	11.09 - 12.17	4	2.0	CFHC <D91/TP4> (Diesel)	575.068
	06.10 - 11.15	4	1.4	CAXA <D4X/TU0>	560.060
	05.15 - 12.17	4	1.2	CYVB <DB8/TP1>	560.060
Yeti 112					
5L7	11.09 - 12.17	4	1.8	CDAB <M92>	575.068
Yeti 118					
5L7	05.09 - 12.17	4	1.8	CDAА <D67/TE6>	560.060
120 L					
	08.76 - 12.90	4	1.2		54316

SMART

FORFOUR					
454	01.04 - 06.07	4	1.3	135.930	55066
			1.5	122.950; 135.950	55066
FORTWO					
450	02.04 - 03.07	3	0.7	160.910	55066
451	04.07 - 09.07	3	1.0	132.910 <RA1>	LN2-AGM
	04.07 - 12.15	3	1.0	132.910 <RA1>	LN2-EFB 55066
Fortwo 1.0 Cabrio					
451	04.07 - 12.15	3	1.0	132.930 <RA1>	LN2-EFB
Fortwo 1.0 Coupe					
451	04.07 - 12.15	3	1.0	132.930 <RA1>	LN2-EFB
Roadster					
452	04.03 - 11.05	3	0.7	160.922	55066
Smart					
450	01.03 - 01.04	3	0.7	160.910	55066

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SSANGYONG

Chairman

09.03 - 01.08	6	3.2	<DOHC M104>	60038
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Korando

KJ	07.96 - 12.05	4	2.3	M161 E23 <M 111>	95D31R	125D31R
		5	2.9	OM 662 LA <OM 602> (Diesel)	125D31R	
		6	3.2	M 104.995	95D31R	125D31R

Musso

MJ	07.93 - 12.05	5	2.9	OM 662 D29 <OM 602.910> (Diesel)	95D31R	125D31R
	01.96 - 12.05	6	3.2	M 104.992 <M162 E32>	95D31R	125D31R
	05.96 - 12.05	4	2.3	M161 E23 <M 111.970>	95D31R	125D31R
	05.97 - 12.05	5	2.9	OM 662 D29 LA <OM 602.910> (Diesel)	125D31R	
	09.02 - 04.06	5	2.9	OM 662 LA <OM 602> (Diesel)	95D31R	125D31R

Rexton

09.02 - 12.09	5	2.9	662 LA <(OM 662.925 LA)> (Diesel)	125D31R	
	6	3.2	E32(M162.995.)	125D31R	
08.04 - 12.09	5	2.7	D 27 DT <OM 665.925> (Diesel)	95D31R	125D31R

SUBARU

BRZ

Z10	06.12→	4	2.0	FA20	AMS	Q85R
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Forester

SF	01.97 - 05.02	4	2.0	EJ20J; EJ202; EJ205	55D23L	90D23L
	07.98 - 05.02	4	2.5	EJ25	55D23L	90D23L
SG	06.02 - 11.07	4	2.5	EJ251; EJ253; EJ255	55D23L	90D23L
S12	12.07 - 12.12	4	2.0	EE20Z (Diesel)	110D26L	
			2.5	EJ253; EJ255	55D23L	90D23L
	10.10 - 11.12	4	2.5	EJ25 (DOHC)	Q85L	
S13	11.12 - 12.19	4	2.0	EE20D (Diesel)	110D26L	
				FB20	START STOP Q85L	
	06.14 - 12.19	4	2.5	FB25	START STOP Q85L	

Forester XT

S13	11.12 - 12.19	4	2.0	FA20	110D26L
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Forester 2.0i 4WD

SJ	11.12 - 07.18	4	2.0	FB20	Q85L
				START STOP Q85L	

Forester 2.5 4WD

SK	07.18→	4	2.5	FB25D	START STOP Q85L
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Forester 2.5 4X4

S13	09.12 - 08.15	4	2.5	FB25	START STOP Q85L
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◀ SUBARU

Impreza							
	01.93 - 12.95	4	1.6	EJ16			55B24LS
GF	01.93 - 12.95	4	1.8	EJ18S			40B19LS
GC	01.93 - 07.96	4	1.8	EJ18E; EJ18S			55B24LS
GC,GF	10.93 - 09.00	4	1.6	EJ16E; EJ16J			40B19LS
	08.95 - 07.98	4	2.0	EJ20E			40B19LS
GD,GG	10.00 - 06.07	4	2.0	EJ201; EJ204			40B19LS
	07.01 - 05.05	4	2.5	EJ251			40B19LS
G12	06.07 - 12.11	4	2.0	EJ204			40B19LS
GJ	11.11 - 10.16	4	2.0	FB20			Q85L
Impreza Coupe 2.0i Turbo 4WD							
	09.96 - 07.99	4	2.0	EJ20			Q85L
						GS	90D23L
Impreza G4 2.0i							
GJ	11.11 - 10.16	4	2.0	FB20			Q85L
Impreza Sport							
GP	11.11 - 10.16	4	2.0	FB20			Q85L
Impreza WRX							
GC,GF	12.93 - 09.00	4	2.0	EJ20G; EJ205			40B19LS
GD,GG	10.00 - 05.05	4	2.0	EJ205			40B19LS
	06.05 - 06.07	4	2.5	EJ255			40B19LS
	02.09 - 11.11	4	2.5	EJ25 (DOHC)			Q85L
							55D23L
							90D23L
Impreza WRX STi							
GD,GG	10.01 - 05.05	4	2.0	EJ207			40B19LS
	09.03 - 06.07	4	2.5	EJ257			40B19LS
Impreza 2.0i Turbo 4WD							
	10.94 - 07.00	4	2.0	EJ20			55D23L
	10.94 - 06.07	4	2.0	EJ20			Q85L
							90D23L
Impreza 2.5 WRX							
G22	09.10 - 01.14	4	2.5	EJ255			Q85L
Impreza 2.5 WRX Hatchback							
G22	09.10 - 01.14	4	2.5	EJ255			Q85L
Impreza 2.5 WRX STi							
G22	09.10 - 01.14	4	2.5	EJ257			Q85L
Legacy 2.0i Turbo 4WD							
	11.98 - 04.03	4	2.0	EJ20			Q85L
						AG,KZN	90D23L
						AG,KZO	90D23L
						GS,KZN	90D23L
						GS,KZO	90D23L

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.



Legacy 2.5i 4WD						
	10.94 - 11.98	4	2.5	EJ25 (DOHC)		Q85L
					KZN	90D23L
					KZO	90D23L
Levorg 1.6i Turbo 4WD						
VM	06.14→	4	1.6	FB16	START STOP	Q85L
Levorg 2.0i Turbo 4WD						
VM	06.14→	4	2.0	FA20	AMS	Q85L
Liberty						
BC,BF,BJ	01.89 - 08.95	4	2.2	EJ22		40B19L
	01.89 - 12.95	4	2.2	EJ22		40B19L
BC,BF,BJ	05.92 - 12.93	4	2.0	EJ20G		40B19L
	01.94 - 12.94	4	2.2	EJ22		40B19L
BD,BG	01.94 - 05.97	4	2.2	EJ22E		40B19L
	01.96 - 11.98	4	2.5	EJ25D <4CAM>		40B19L
BE	10.98 - 06.03	4	2.5	EJ251		40B19L
BE,BH	10.98 - 06.03	4	2.0	EJ201; EJ208		40B19L
BH	10.98 - 06.03	4	2.5	EJ251		40B19L
BL,BP	05.03 - 05.09	4	2.0	EJ20		Q85L
						90D23L
	05.03 - 05.09	4	2.0	EJ20		Q85L
						90D23L
BL,BP	07.03 - 05.09	6	3.0	EZ30D		55D23L 90D23L
	09.03 - 06.05	4	2.0	EJ202		40B19L
	09.03 - 06.06	4	2.5	EJ25		40B19L
B14	06.09 - 11.14	4	2.5	EJ253		55D23L 90D23L
	05.12 - 10.14	4	2.5	FB25	AMS	Q85R
					START STOP	Q85R
BN	10.14→	4	2.5	FB25	START STOP	Q85R
Liberty Exiga						
	08.07 - 10.14	4	2.5	EJ25 (SOHC)	AMS	Q85R
Liberty 4WD						
	05.03 - 05.09	4	2.0	EJ20		Q85L
						55B24LS
					AG,KZO	90D23L
					GS,KZO	90D23L
MV						
	11.84 - 12.94	4	1.8	EA81		40B19R
Outback						
BD,BG	06.96 - 12.99	4	2.5	EJ25D <4CAM>		40B19R
BE,BH	10.98 - 06.03	4	2.5	EJ251		40B19L
	07.00 - 06.03	6	3.0	EZ30D		55D23L 90D23L
BL,BP	07.03 - 05.09	6	3.0	EZ30D		55D23L 90D23L
	07.03 - 06.09	4	2.5	EJ25		40B19L













◀ SUBARU

	10.03 - 05.09	4	2.5	EJ25 (SOHC)		Q85L	
						40B19L	
	05.09 - 10.14	6	3.6	EZ36		Q85R	
						110D26R	
					WW	S95R	
B14	06.09 - 04.15	4	2.0	EE20Z (Diesel)		55D23L	90D23L
			2.5	EJ253		55D23L	90D23L
	05.12 - 10.14	4	2.5	FB25	AMS	Q85R	
						Q85R	
Outback 3.6							
B14	06.09 - 04.15	6	3.6	EZ36D		110D26R	
Sherpa							
	10.83 - 12.93	2	0.7	EK42		55B24L	
M80	04.89 - 02.92	4	0.8	EN08		40B19R	
SVX							
	09.92 - 12.96	6	3.3	EG33		40B19R	
Tribeca							
B9	04.06 - 11.07	6	3.0	EZ30D		55D23L	90D23L
W10	11.07 - 01.14	6	3.6	EZ36D		55D23L	90D23L
WRX STI 2.5							
V10	05.14→	4	2.5	EJ257		Q85L	
WRX 2.0							
V10	05.14→	4	2.0	FA20		55B24RS	
					AG,KZO	90D23L	
					GS,KZO	90D23L	
XV 2.0 AWD							
G33	09.12 - 08.16	4	2.0	FB20		55B24LS	
SUZUKI							
Alto							
EF	10.94 - 02.02	4	1.0	G10B		40B19R	
AMF	12.08 - 03.15	3	1.0	K10B		40B19R	
Alto 800							
EC	01.86 - 11.93	3	0.8	F8B		40B19R	
APV							
	09.04→	4	1.6	G16A <SOHC MPI>		40B19R	
Baleno							
	05.95 - 11.01	4	1.6	G16B		55B24L	
	09.95 - 08.06	4	1.8	G18A; J18A		55B24L	

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Carry								
ED	10.85 - 12.90	4	1.0	F10A			40B19RS	
FD	03.99 - 03.09	4	1.3	G13BB			40B19R	40B19RS
Grand Vitara								
FT	03.98 - 12.05	4	2.0	J20A			55D23L	90D23L
GT	03.98 - 03.08	4	1.6	G16B			40B19R	
FT	04.98 - 12.05	6	2.5	H25A			55D23L	90D23L
	10.00 - 06.08	4	2.0	J20A			55D23L	90D23L
HT	06.01 - 08.08	6	2.7	H27A			55D26L	110D26L
JT	10.05 - 12.14	4	1.9	F9Q (Diesel)			55D26L	110D26L
	06.08 - 05.09	6	3.2	N32A			55D26L	110D26L
	06.08 - 07.17	4	2.4	J24B			55D23L	90D23L
JT	09.08 →	4	2.4	J24B			55D23L	90D23L
							55D26L	110D26L
Ignis								
	10.00 - 09.03	4	1.3	M13A			54316	
	12.03 - 02.05	4	1.5	M15A			54316	
Jimny								
FJ	10.98 - 10.08	4	1.3	G13BB			40B19R	
	10.00 - 10.05	4	1.3	M13A			40B19L	
Kizashi								
	10.09 - 11.15	4	2.4	J24B			55D23L	90D23L
Kizashi AWD								
	10.09 - 11.15	4	2.4	J24B			55D23L	90D23L
Kizashi 2.4i								
	06.10 - 12.14	4	2.4	J24B			110D26L	
Kizashi 2.4i 4WD								
	06.10 - 12.14	4	2.4	J24B			110D26L	
Liana								
	03.01 - 04.08	4	1.6	M16A			55B24L	
	04.05 - 12.07	4	1.8	M18A			55B24L	
Sierra								
	01.90 - 12.95	4	1.3	G13BA			40B19RS	
	11.95 - 12.97	4	1.3	G13B (SOHC)			40B19R	
Swift								
SF	10.89 - 04.95	3	1.0	G10			40B19R	
	09.91 - 09.95	4	1.3	G13B			40B19R	
			1.6	G16B			40B19R	
	06.96 - 03.01	4	1.3	G13BA			40B19R	
EZ	11.04 - 02.11	4	1.5	M15A			55B24R	
	09.05 - 09.10	4	1.6	M16A			55B24R	













◀ SUZUKI

	10.07→	4	1.5	M15A		55B24R
AZH	01.11→	4	1.4	K14B		55B24R
Swift GTi						
SF	01.89-09.95	4	1.3	G13B		40B19R
SX4						
	07.06-11.14	4	2.0	J20A		55B24R
SX4 S-Cross 1.6						
	10.13-07.16	4	1.6	M16A		55B24LS
SX4 S-Cross 1.6 4WD						
	10.13-07.16	4	1.6	M16A		55B24LS
Vitara						
ET	03.88-03.98	4	1.6	G16A; G16B		40B19R
	12.94-03.98	6	2.0	H20A		40B19R
			2.5	H25A		40B19R
	12.96-03.98	4	2.0	J20A		40B19R
Vitara 1.6i						
ET	03.88-03.98	4	1.6	G16A		40B19LS
						40B19R
Wagon R+						
EM	10.96-05.00	3	1.0	G10		40B19R
X90						
	09.95-05.98	4	1.6	G16B		55B24L

TOYOTA

Aurion						
GSV40R	06.06-03.12	6	3.5	2GRFE		55D23L 90D23L
GSV50R	04.12-12.17	6	3.5	2GRFE		55D23L 90D23L
Auris 1.8i						
ZRE186H	08.12-03.18	4	1.8	2ZRFAE		55B24L
Avalon						
MCX10R	04.00-06.05	6	3.0	1MZFE		55D23L 90D23L
Avensis						
AZT220	07.00-01.03	4	2.0	1AZFSE		55B24LS
ACM20	05.01-11.03	4	2.0	1AZFE		22NF-330D
ACM21	10.03-12.09	4	2.4	2AZFE		55D23L 90D23L
Blade 2.4i						
AZE156H	12.06-04.12	4	2.4	2AZFE	AMS	Q85L
Camry / Vienta						
SV21	01.87-11.92	4	2.0	3SFE		40B19LS

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VZV21	06.88 - 02.93	6	2.5	2VZFE			55D23L	90D23L
SV22	07.89 - 06.91	4	2.0	3SFC			40B19LS	
SDV10	02.93 - 06.95	4	2.2	5SFE			40B19LS	
VDV10	02.93 - 06.95	6	3.0	3VZFE			55D23L	90D23L
VCV10	07.95 - 06.97	6	3.0	3VZFE			55D23L	90D23L
SXV10	07.95 - 04.98	4	2.2	5SFE			55D23L	90D23L
MCV20	07.97 - 08.02	6	3.0	1MZFE			55D23L	90D23L
SXV20	05.98 - 02.02	4	2.2	5SFE			55D23L	90D23L
ACV36	09.02 - 05.06	4	2.4	2AZFE			55D23L	90D23L
MCV36	09.02 - 06.06	6	3.0	1MZFE			55D23L	90D23L
ACV40	06.06 - 12.11	4	2.4	2AZFE			55D23L	90D23L
ASV50	12.11 - 11.17	4	2.5	2ARFE			55D26L	110D26L
Camry Hybrid								
AVV50	12.11 - 11.17	4	2.5	2ARFXE			55D26R	110D26R
Camry 2.4i								
ACV40	01.06 - 09.11	4	2.4	2AZFE		AMS	Q85L	
Celica								
ST185	10.87 - 08.93	4	2.0	3SGTE			55D23L	90D23L
ST184	10.89 - 09.97	4	2.2	5SFE			55D23L	90D23L
ST182	10.90 - 11.93	4	2.0	3SGE			40B19LS	
ST204	11.93 - 08.99	4	2.2	5SFE			55D23L	90D23L
ST205	02.94 - 08.99	4	2.0	3SGTE			55D23L	90D23L
ST202	08.94 - 05.99	4	2.0	3SGE			40B19LS	
ST202C	12.97 - 08.99	4	2.0	3SGE			55D23L	90D23L
ZZT231	08.99 - 04.06	4	1.8	2ZZGE			55B24LS	
	08.00 - 08.05	4	1.8	2ZZGE			22NF-330D	
Chaser								
GX90	10.92 - 09.96	6	2.0	1GFE			55D23L	90D23L
JZX90	10.92 - 09.96	6	2.5	1JZGE; 1JZGTE			55D23L	90D23L
JZX91	10.92 - 09.96	6	3.0	2JZGE			55D23L	90D23L
LX90	10.92 - 09.96	4	2.4	2LTE (Diesel)			T110L	
							95D31L	125D31L
SX90	10.92 - 09.96	4	1.8	4SFE			55D23L	90D23L
LX100	09.96 - 08.99	4	2.4	2LTE (Diesel)			T110L	
							95D31L	125D31L
GX100	09.96 - 06.01	6	2.0	1GFE			55D23L	90D23L
JZX100	09.96 - 06.01	6	2.5	1JZGE; 1JZGTE			55D23L	90D23L
JZX101	09.96 - 06.01	6	3.0	2JZGE			55D23L	90D23L
JZX105	09.96 - 06.01	6	2.5	1JZGE			55D23L	90D23L
SX100	04.97 - 06.01	4	1.8	4SFE			55D23L	90D23L
GX105	08.98 - 06.01	6	2.0	1GFE			55D23L	90D23L
Chaser 2.0i								
GX81	08.88 - 10.92	6	2.0	1GGE			90D23L	



◀ TOYOTA

C-HR 1.2i Turbo 4WD							
NGX50	01.17→	4	1.2	8NRFTS		AMS	LN2-EFB
Coaster							
BB21/BB31/BB40	02.83 - 07.99	4	3.4	3B (Diesel)			110D26R
HZB30/HZB31/HZB40/ HZB41/HZB50	01.90 - 07.99	6	4.2	1HZ (Diesel)			90D23R
HZB40/HZB41/HZB50	07.99 - 08.04	6	4.2	1HZ (Diesel)		ZE	90D23R
XZB40/XZB50/XZB51	08.04 - 01.17	4	4.0	NO4C (Diesel)			95D31R 125D31R
Corolla							
AE92	05.87 - 06.91	4	1.6	4AGE			22NF-330D
	01.88 - 06.94	4	1.6	4AFE			22NF-330D
	01.89 - 04.92	4	1.6	4AFC			22NF-330D
AE90	02.89 - 05.92	4	1.4	6AF			40B19LS
AE92	02.89 - 06.94	4	1.6	4AF			22NF-330D
AE93	08.89 - 05.91	4	1.6	4AGE			40B19LS
AE92	01.91 - 12.92	4	1.6	4AFC			40B19LS
AE94	01.91 - 12.92	4	1.8	4AFE			22NF-330D
AE92	06.91 - 08.92	4	1.6	4AGE			40B19LS
CE100	06.91 - 05.95	4	2.0	2C (Diesel)			110D26L
AE94	07.91 - 06.94	4	1.6	4AFE			22NF-330D
AE96	10.92 - 06.94	4	1.8	7AFE			22NF-330D
AE102	11.92 - 08.97	4	1.8	7AFE			50D20L
AE101	07.94 - 08.98	4	1.6	4AFE			22NF-330D
AE102	07.94 - 12.99	4	1.8	7AFE			22NF-330D 55D23L 90D23L
AE112R	10.98 - 10.01	4	1.8	7AFE			40B19LS
ZZE122	12.01 - 01.06	4	1.8	1ZZFE			40B19LS
ZZE122G	12.01 - 01.06	4	1.8	1ZZFE			40B19LS
ZZE122R	09.02 - 04.07	4	1.8	1ZZFE			560.060
ZZE122	01.06 - 04.07	4	1.8	1ZZFE			40B19L
ZRE152R	09.07 - 03.10	4	1.8	2ZRFE			55B24LS
ZRE152	09.07 - 01.14	4	1.8	2ZRFE			55B24LS
ZRE182	06.13 - 07.18	4	1.8	2ZRFE			55B24LS
Corolla 4WD							
AE95	02.88 - 07.95	4	1.6	4AFE			40B19LS
Cressida							
LX80	08.88 - 08.96	4	2.4	2L (Diesel)			55D23L 90D23L
MX83	09.88 - 08.92	6	3.0	7MGE			55D23L 90D23L
Cresta							
GX90	10.92 - 09.96	6	2.0	1GFE			55D23L 90D23L
JZX90	10.92 - 09.96	6	2.5	1JZGE; 1JZGTE			55D23L 90D23L
LX90	10.92 - 09.96	4	2.4	2LTE (Diesel)			T110L
SX90	10.92 - 09.96	4	1.8	4SFE			55D23L 90D23L

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GX100	09.96 - 08.98	6	2.0	1GFE			55D23L	90D23L
LX100	09.96 - 08.99	4	2.4	2LTE (Diesel)			T110L	
JZX100	09.96 - 06.01	6	2.5	1JZGE; 1JZGTE			55D23L	90D23L
JZX101	09.96 - 06.01	6	3.0	2JZGE			55D23L	90D23L
JZX105	09.96 - 06.01	6	2.5	1JZGE			55D23L	90D23L
Crown 3.0i								
GRS182	12.03 - 02.08	6	3.0	3GRFSE			Q85L	110D26L
Dyna								
YH81	08.87 - 03.92	4	1.8	2Y			55D26R	110D26R
LH80	08.87 - 05.95	4	2.5	2L (Diesel)			95D31R	125D31R
BU60	08.88 - 05.95	4	3.0	B (Diesel)			95D31R	125D31R
BU61	08.88 - 05.95	4	3.0	11B (Diesel)			95D31R	125D31R
LY61	08.88 - 05.95	4	2.8	3L (Diesel)			95D31R	125D31R
YU62	08.88 - 05.95	4	2.2	4Y			95D31R	125D31R
YY100L	05.95 - 05.99	4	1.8	2Y			55D26R	110D26R
LY211L	05.95 - 07.01	4	2.8	3L (Diesel)			55D26R	110D26R
LY212R,LY230R	11.99 - 06.05	4	3.0	5L (Diesel)			55D23L	90D23L
Dyna 3.4 Diesel								
BU100/BU105/BU120V	05.95 - 05.99	4	3.4	3B (Diesel)		KZN,ZE	90D23R	
	05.95 - 06.99	4	3.4	3B (Diesel)			55D23R	90D23R
Echo								
NCP10	08.99 - 12.02	4	1.3	2NZFE		AG	55B24RS	
						GS	40B19RS	
	09.99 - 02.05	4	1.3	2NZFE			55B24RS	
NCP12	09.99 - 10.05	4	1.5	1NZFE			55B24RS	
NCP13	06.03 - 10.05	4	1.5	1NZFE		AG	55B24RS	
						GS	40B19RS	
FJ Cruiser								
GSJ15W	12.10 - 01.18	6	4.0	1GRFE			S95L	110D26L
Harrier								
MCU10W	12.97 - 02.03	6	3.0	1MZFE			22F-550DF	
	03.98→	6	3.0	1MZFE			22F-550DF	
Hiace								
LH103V/LH113K/ LH113V/LH123V	08.89 - 08.98	4	2.8	3L (Diesel)			110D26L	
LH115B/LH125B	08.89 - 08.98	4	2.8	3L (Diesel)			110D26L	
RZH103	08.89 - 08.98	4	2.4	2RZ			55D23R	90D23R
LH103	08.89 - 08.00	4	2.8	3L (Diesel)			95D31R	125D31R
LH105	08.89 - 08.00	4	2.8	3L (Diesel)			95D31R	125D31R
LH113/115	08.89 - 08.00	4	2.8	3L (Diesel)			95D31R	125D31R
RZH113	08.89 - 02.05	4	2.4	2RZE			55D23R	90D23R













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RZH103	08.93 - 02.05	4	2.4	2RZE		90D23L	
RCH12R/S.B.V	08.95 - 12.03	4	2.4	2RZE		55D23R	90D23R
RCH22	03.97 - 12.03	4	2.4	2RZE		55D23R	90D23R
LH162V/LH172K/ LH172V/LH182K	08.98 - 10.04	4	3.0	5L (Diesel)		125D31R	
LH174/184	08.98 - 02.05	4	3.0	5L (Diesel)		95D31R	125D31R
KLH12/22	08.01→	4	2.5	2KDFTV (Diesel)		95D31R	125D31R
KDH200K/KDH200V/ KDH220K	08.04 - 09.07	4	2.5	2KDFTV (Diesel)		95D31R	125D31R
TRH223B	01.05 - 11.06	4	2.7	2TRFE		55D23R	90D23R
	01.05→	4	3.0	1KDFTV (Diesel)		95D31R	125D31R
TRH 201, 221, 223	03.05 - 03.15	4	2.7	2TRFE		55D23R	90D23R
KDH201V/01K/11K/21K	08.07 - 01.17	4	3.0	1KDFTV (Diesel)		95D31R	125D31R
Hiace Commuter							
RZH124B	08.93 - 07.03	4	2.0	1RZE		55D23R	90D23R
RZH125B	08.98 - 07.03	4	2.4	2RZE		55D23R	90D23R
LH184B/LH186B	08.98 - 10.04	4	3.0	5L (Diesel)		95D31R	125D31R
KDH222B	01.05 - 09.07	4	2.5	2KDFTV (Diesel)		95D31R	125D31R
	01.05→	4	3.0	1KDFTV (Diesel)		95D31R	125D31R
Highlander 3.5							
U4	09.09→	6	3.5	2GRFE		55D26R	110D26R
Highlander 4x4 3.5 i							
U4	02.09→	6	3.5	2GR		55D26R	110D26R
Hilux							
LN51/56/60/61/65	08.84 - 07.98	4	2.4	2L (Diesel)		55D26R	110D26R
RN50/55/58/61/67	01.86 - 07.98	4	2.4	22R		40B19RS	
YN67R	02.86 - 08.98	4	2.2	4Y		55D23L	90D23L
YN50/55	08.86 - 07.98	4	1.6	1Y		55D26R	110D26R
YN58/62/63/67	08.86 - 07.98	4	2.2	4Y		40B19RS	
YN51R	11.86 - 08.98	4	1.8	2Y		55D23L	90D23L
YN85	08.88 - 08.94	4	1.8	2Y		55D26R	110D26R
YN106	08.88 - 08.94	4	2.2	4Y		55D26R	110D26R
YN110	08.88 - 08.94	4	2.2	4Y		55D26R	110D26R
LN85	08.88 - 08.97	4	2.4	2L (Diesel)		95D31R	125D31R
RN110R	08.88 - 08.97	4	2.4	22R		95D31R	125D31R
YN80/YN85	09.88 - 08.94	4	1.8	2Y		125D31R	
LN105	09.88 - 08.97	4	2.4	2L (Diesel)		95D31R	125D31R
RN110	09.88 - 08.97	4	2.4	22RE		55D26R	110D26R
LN86R	10.88 - 12.97	4	2.8	3L (Diesel)		95D31R	125D31R
LN106R, 107R, 111R	10.88 - 12.97	4	2.8	3L (Diesel)		95D31R	125D31R
YN85	01.89 - 10.94	4	1.8	2Y		55D23L	90D23L
VZN130	08.89 - 11.95	6	3.0	3VZE		55D23L	90D23L
LN130	01.90 - 11.95	4	2.4	2LT (Diesel)		95D31R	125D31R

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

									
LN57/67	08.95 - 07.98	4	2.8	3L (Diesel)				95D31R	125D31R
LN67R	10.95 - 08.98	4	2.8	3L (Diesel)				95D31R	125D31R
LN147R	10.97 - 02.05	4	3.0	5L (Diesel)				125D31R	
LN167R, 172R	10.97 - 02.05	4	3.0	5L (Diesel)				95D31R	125D31R
RZN147R, 149R, 154R	10.97 - 02.05	4	2.7	3RZFE				55D23L	90D23L
RZN169R, 174R	10.97 - 02.05	4	2.7	3RZFE				55D23L	90D23L
LN192R	01.98 - 12.02	4	3.0	5L (Diesel); 5LE (Diesel)				95D31R	125D31R
LN167R	10.98 - 06.00	4	3.0	5L (Diesel)				95D31R	125D31R
RZN169H/RZN174H	08.99 - 07.04	4	2.7	3RZFE				Q85L	
KZN16R	12.99 - 04.05	4	3.0	1KZTE (Diesel)				95D31R	125D31R
KNZ165R	07.00 - 05.05	4	3.0	1KZTE (Diesel)				95D31R	125D31R
LN167R	11.00 - 05.02	4	3.0	5LE (Diesel)				95D31R	125D31R
RZN169R, 174R	10.02 - 04.05	6	3.4	5VZFE				55D23L	90D23L
VZN210W	11.02 - 08.05	6	3.4	5VZFE				Q85L	
								95D31R	125D31R
TGN16	02.05 - 08.11	4	2.7	2TRFE				55D23L	90D23L
GGN25R	03.05 - 08.11	6	4.0	1GRFE				55D26L	110D26L
KUN16R	03.05 - 09.15	4	3.0	1KDFTV (Diesel)				95D31L	125D31L
KUN26R	03.05 - 09.15	4	3.0	1KDFTV (Diesel)				95D31L	125D31L
KUN26	07.11 - 09.15	4	3.0	1KDFTV (Diesel); 1KD-FTV <D4D> (Diesel)				95D31L	125D31L
	01.12 - 08.16	4	2.7	2TRFE				55D23L	90D23L
GUN126	06.15 - 04.20	4	2.8	1GDFTV (Diesel)				568.060	
Hilux Surf									
YN130G	04.89 - 08.91	4	2.0	3YE				55D23L	90D23L
LN131V	04.89 - 08.93	4	2.8	3L (Diesel)				95D31R	125D31R
LN130G/LN130W	08.90 - 08.93	4	2.4	2LTE (Diesel)				95D31R	125D31R
VZN130G	08.90 - 11.95	6	3.0	3VZE				55D23L	90D23L
KZN130G/KZN130W	08.93 - 11.95	4	3.0	1KZTE (Diesel)				95D31R	125D31R
KZN185G/KZN185W	11.95 - 08.00	4	3.0	1KZTE (Diesel)				95D31R	125D31R
RZN185W	11.95 - 11.02	4	2.7	3RZFE				55D23L	90D23L
VZN185W	11.95 - 11.02	6	3.4	5VZFE				95D31R	125D31R
KZN185W	07.96 - 08.00	4	3.0	1KZTE (Diesel)				95D31R	125D31R
KDN185G/KDN185W	06.00 - 11.02	4	3.0	1KDFTV (Diesel)				95D31R	125D31R
RZN215W	11.02 - 08.04	4	2.7	3RZFE				Q85L	
							AA	90D23L	
							WW	S95L	
KDN215W	11.02 - 08.05	4	3.0	1KDFTV (Diesel)				95D31R	125D31R
							GQ9	S95R	
							GQ9,WW	S95L	
							KA1	T110L	
Hilux 2.8 4x4									
N12/N13	05.15→	4	2.8	1GDFTV (Diesel)				95D31L	125D31L
Hilux 4x4									
D4D	11.15 - 09.17	4	2.8	1GDFTV (Diesel)				95D31L	125D31L













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Kluger							
MCU28R	10.03 - 08.07	6	3.3	3MZFE		55D26L	110D26L
GSU45R	09.07 - 02.14	6	3.5	2GRFE		55D26L	110D26L
GSU40R	09.07 - 08.16	6	3.5	2GRFE		55D26L	110D26L
Land Cruiser							
BJ70	11.84 - 01.90	4	3.4	3B (Diesel)		95D31R	125D31R
BJ73	11.84 - 02.94	4	3.4	3B (Diesel)		95D31R	125D31R
BJ71	10.85 - 01.90	4	3.4	13BT (Diesel)		95D31R	125D31R
LJ70	10.85 - 01.95	4	2.4	2LT (Diesel)		95D31R	125D31R
FJ75RP	02.86 - 04.92	6	4.0	3F		95D31R	125D31R
HJ60	08.87 - 01.90	6	4.0	2H (Diesel)		95D31R	125D31R
HJ61	08.87 - 01.90	6	4.0	12HT (Diesel)		95D31R	125D31R
FJ62, 70, 73, 75	09.87 - 12.92	6	4.0	3F		95D31R	125D31R
RJ70	12.88 - 12.90	4	2.4	22R		55D26R	110D26R
	12.88 - 04.96	4	2.4	22RE		55D23L	90D23L
FJ80	01.90 - 08.92	6	4.0	3FE		95D31R	125D31R
PZJ70	01.90 - 08.92	5	3.5	1PZ (Diesel)		95D31R	125D31R
PZJ73	01.90 - 08.92	5	3.5	1PZ (Diesel)		95D31R	125D31R
HDJ80	01.90 - 01.98	6	4.2	1HDFT (Diesel); 1HDT (Diesel)		95D31L	125D31L
HZJ80	01.90 - 01.98	6	4.2	1HZ (Diesel)		95D31L	125D31L
HZJ70	01.90 - 08.99	6	4.2	1HZ (Diesel)		95D31R	125D31R
HZJ73	01.90 - 08.99	6	4.2	1HZ (Diesel)		95D31R	125D31R
FZJ80	08.92 - 01.98	6	4.5	1FZFE		95D31L	125D31L
HZJ75	08.92 - 08.99	6	4.2	1HZ (Diesel)		95D31R	125D31R
KZJ90/95	04.96 - 09.02	4	3.0	1KZTE (Diesel)		95D31L	125D31L
UZJ100W	01.98 - 08.07	8	4.7	2UZFE		S95L	
						95D31L	125D31L
HDJ100	01.98 - 07.08	6	4.2	1HDFTE (Diesel)		95D31L	125D31L
UZJ100	01.98 - 07.08	8	4.7	2UZFE		95D31L	125D31L
HZJ78, 79, 105	03.99 - 02.07	6	4.2	1HZ (Diesel)		95D31L	125D31L
HZJ78	08.99 - 08.01	6	4.2	1HZ (Diesel)		95D31L	125D31L
HZJ79	08.99 - 08.01	6	4.2	1HZ (Diesel)		95D31L	125D31L
FZJ75, 78, 79, 105	11.99 - 07.01	6	4.5	1FZFE		95D31R	125D31R
HDJ78, 79	06.01 - 02.07	6	4.2	1HDFTE (Diesel)		95D31L	125D31L
VDJ 76,78	03.07 - 09.17	8	4.5	1VDFTV (Diesel)		95D31R	125D31R
VDJ 79	03.07 - 09.17	8	4.5	1VDFTV (Diesel)		95D31R	125D31R
UZJ200	09.07 - 01.12	8	4.7	2UZFE		S95L	
						110D26L	
Land Cruiser Prado							
LJ71G/LJ78G/LJ78W	04.90 - 05.93	4	2.4	2LTE (Diesel)		55D23L	90D23L
KZJ71G/KZJ71W/ KZJ78G/KZJ78W	05.93 - 04.96	4	3.0	1KZTE (Diesel)		55D26L	110D26L
RZJ90W/RZJ95W	04.96 - 09.02	4	2.7	3RZFE		55D23L	90D23L
VZJ90W/VZJ95W	04.96 - 09.02	6	3.4	5VZFE		55D26L	110D26L

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VZJ90/95	04.96 - 01.03	6	3.4	5VZFE			55D26L	110D26L
RZJ90/95	10.96 - 08.04	4	2.7	3RZFE			55D23L	90D23L
KZJ95	03.00 - 09.02	6	3.0	1KZTE (Diesel)			95D31R	125D31R
RZJ120W/RZJ125W	09.02 - 08.04	4	2.7	3RZFE			Q85L	
							55D23L	90D23L
KZJ120R	09.02 - 10.06	4	3.0	1KDFTV (Diesel)			95D31R	125D31R
KDJ120W/KDJ121W/ KDJ125W	11.02 - 07.07	4	3.0	1KDFTV (Diesel)			T110L	
							95D31L	125D31L
GRJ120	03.03 - 08.09	6	4.0	1GRFE			110D26L	
KZJ120L	01.05 - 10.09	4	3.0	1KZTE (Diesel)			95D31L	125D31L
GRJ150	08.09 - 12.17	6	4.0	1GRFE			110D26L	
KDJ150 / KDJ155	08.09 - 12.17	4	3.0	1KDFTV (Diesel)			95D31L	125D31L
Land Cruiser Prado 2.8 Diesel Turbo 4WD								
GDJ150W	06.15→	4	2.8	1GDFTV (Diesel)			S95L	
Land Cruiser Prado 3.0 Diesel Turbo 4x4								
KZJ90W/KZJ95W	04.96 - 08.00	4	3.0	1KZTE (Diesel)			95D31R	125D31R
Land Cruiser 4x4								
VDJ200	09.07 - 10.17	8	4.5	1VDFTV (Diesel)			110D26L	
URJ202	02.12 - 10.17	8	4.6	1URFE			110D26L	
Lexcen								
VN19, VN35	06.89 - 08.91	6	3.8	VH			22FR-550	22FR-680
VP19, VP35	09.91 - 05.93	6	3.8	VH			22FR-550	22FR-680
VR19, VR35	06.93 - 04.95	6	3.8	VH			22FR-550	22FR-680
VS19, VS35	05.95 - 04.97	6	3.8	VH			22FR-550	22FR-680
Liteace								
YM30G	09.85 - 01.92	4	1.8	2YU			55D26R	110D26R
YM40G	10.85 - 01.92	4	2.0	3YU			55D26R	110D26R
KM30	08.88 - 01.92	4	1.5	5K			55B24RS	
M3	01.90 - 01.92	4	2.0	2YC			55D26R	110D26R
Mark II								
GX81	08.88 - 08.90	6	2.0	1GGTE; 1GGZE			55D23L	90D23L
GX70G	10.88 - 04.97	6	2.0	1GFE			55D23L	90D23L
SX80/SX80Y	08.90 - 12.95	4	1.8	4SFE			55D23L	90D23L
JZX90	10.92 - 09.96	6	2.5	1JZGE; 1JZGTE			55D23L	90D23L
JZX91	10.92 - 09.96	6	3.0	2JZGE			55D23L	90D23L
LX90	10.92 - 09.96	4	2.4	2LTE (Diesel)			T110L	
							95D31L	125D31L
SX90	10.92 - 09.96	4	1.8	4SFE			55D23L	90D23L
LX100	09.96 - 08.99	4	2.4	2LTE (Diesel)			T110L	
							95D31L	125D31L
GX100	09.96 - 10.00	6	2.0	1GFE			90D23L	
JZX100	09.96 - 10.00	6	2.5	1JZGE; 1JZGTE			55D23L	90D23L
JZX101	09.96 - 10.00	6	3.0	2JZGE			55D23L	90D23L
JZX105	09.96 - 10.00	6	2.5	1JZGE			55D23L	90D23L













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GX105	08.98 - 10.00	6	2.0	1GFE		55D23L	90D23L
GX110	10.00 - 11.04	6	2.0	1GFE		90D23R	
					SNO	Q85R	
GX115	10.00 - 11.04	6	2.0	1GFE		90D23R	
					SNO	Q85R	
JZX110	10.00 - 11.04	6	2.5	1JZGTE		Q85R	
						90D23R	
JZX110W	01.02 - 06.07	6	2.5	1JZFSE		55D23R	90D23R
					NFN	Q85R	
				1JZGTE		Q85R	
						90D23R	
Masterace							
CR21G/CR28G	08.87 - 01.92	4	2.0	2CT (Diesel)		110D26R	
CR30G/CR37G	08.87 - 01.92	4	2.0	2CT (Diesel)		110D26R	
MR-S							
ZZW30	10.99 - 07.07	4	1.8	1ZZFE		55B24LS	
MR2							
SW20	12.89 - 08.99	4	2.0	3SGE; 3SGTE		55B24LS	
ZZW30	12.99 - 05.06	4	1.8	1ZZFE		55B24LS	
Paseo							
EL44	09.91 - 08.95	4	1.5	5EFE		22FR-550	22FR-680
EL54R	08.95 - 07.99	4	1.5	5EFE		22FR-550	22FR-680
Prius							
NHW11	09.00 - 08.03	4	1.5	1NZFXE		40B19L	
NHW20	09.03 - 03.09	4	1.5	1NZFXE		55B24R	
ZVW30	04.09 - 12.15	4	1.8	2ZRFXE		55B24R	
Prius C							
NHP10	09.11 - 08.16	4	1.5	1NZFXE		40B19R	
Prius V							
ZVW40	03.12 - 02.18	4	1.8	2ZRFXE		55B24R	
RAV4							
SXA 11	04.94 - 08.00	4	2.0	3SFE	AG	55B24RS	
					GS	40B19RS	
ACA 20/21	05.00 - 07.03	4	2.0	1AZFE	AG	55B24RS	
					GS	40B19RS	
ACA 22/23	07.03 - 01.06	4	2.4	2AZFE		55D23R	90D23R
ACA33/38	11.05 - 11.12	4	2.4	2AZFE		55D23L	90D23L
ALA35	11.05 - 11.12	4	2.2	2ADFTV (Diesel)		95D31L	125D31L
ZSA42	12.12 - 10.17	4	2.0	3ZRFE		55D23L	90D23L
RAV4 2.0							
MXAA52	11.18→	4	2.0	M20A-FKS		LN2-EFB	

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RAV4 2.2 D-CAT 4x4								
ALA49	12.12 - 10.17	4	2.2	2ADFHV (Diesel)				110D26L
RAV4 2.4i								
ACA36W	01.08 - 07.13	4	2.4	2AZFE				55D23L
						AMS		90D23L
								Q85L
RAV4 4x4								
GSA33/38	11.05 - 01.13	6	3.5	2GRFE				55D26L
								110D26L
ALA49	12.12 - 10.17	4	2.2	2ADFTV (Diesel)				125D31L
Rukus								
ZRE152N	10.07 - 01.16	4	1.8	2ZRFE				55B24L
Soarer								
UZZ30/UZZ31/UZZ32	05.91 - 09.97	8	4.0	1UZFE				95D31L
								125D31L
Z3	05.91 - 12.01	8	4.0	1UZFE				95D31L
								125D31L
JZZ31	01.94 - 12.00	6	3.0	2JZGE				55D23L
								90D23L
UZZ40	04.01 - 07.05	8	4.3	3UZFE				LN3-EFB
								574.068
Soarer Turbo								
JZZ30	05.91 - 12.00	6	2.5	1JZGTE				55D23L
								90D23L
Soarer Twin Turbo								
Z3	05.91 - 12.01	6	2.5	1JZGTE				95D31L
								125D31L
Spacia								
YR22	10.93 - 08.96	4	2.2	4YEC				40B19R
SR40G	02.98 - 11.01	4	2.0	3SFE				55D26R
								110D26R
Starlet								
EP82	12.89 - 01.96	4	1.3	4EFTE				40B19RS
EP91	01.96 - 07.99	4	1.3	4EFE		AG		55B24RS
						GS		40B19RS
				4EFTE				40B19RS
Supra								
MA70	08.88 - 04.93	6	3.0	7MGE; 7MGTE				95D31R
								125D31R
MA71	10.88 - 04.93	6	3.0	7MGTE				95D31R
								125D31R
JZA80	05.93 - 01.96	6	3.0	2JZGTE				95D31R
								125D31R
	05.93 - 08.02	6	3.0	2JZGE				55D23L
								90D23L
				2JZGTE				55D23L
								90D23L
Tarago								
YR31	01.86 - 04.90	4	2.2	4YEC				55D23R
								90D23R
TCR10W/TCR11W	05.90 - 01.98	4	2.4	2TZFE				55B24LS
TCR20W/TCR21W	05.90 - 01.98	4	2.4	2TZFE				55B24LS
TCR10R	05.90 - 12.00	4	2.4	2TZFE				55D23L
								90D23L
ACR30W	02.00 - 01.06	4	2.4	2AZFE				55D23L
								90D23L
	04.03 - 01.06	4	2.4	2AZFE				Q85L





◀ TOYOTA

ACR50W	01.06 - 04.12	4	2.4	2AZFE	AMS	Q85L
					AMS,WW	S95L
	01.06 - 08.16	4	2.4	2AZFE		55B24LS
GSR50W	01.06 - 08.16	6	3.5	2GRFE		55D26L 110D26L
					AMS	Q85L
					AMS,WW	S95L
ACR50W	05.12 - 08.16	4	2.4	2AZFE	AMS,WW	S95L

Townace

CR21G/CR28G	08.87 - 09.93	4	2.0	2CT (Diesel)		22FR-550 22FR-680
CR30G/CR37G	08.87 - 09.93	4	2.0	2CT (Diesel)		22FR-550 22FR-680
YR39	04.92 - 12.96	4	2.0	3YC		22FR-550 22FR-680
KR42V	11.96 - 12.98	4	1.8	7K		40B19RS
	12.98 - 12.03	4	1.8	7KE		22FR-550 22FR-680

Yaris

NCP92	01.06 - 08.13	4	1.3	2NZFE		40B19LS
NCP93	01.06 - 08.13	4	1.5	1NZFE		55B24LS
NCP131	12.10 - 09.18	4	1.5	1NZFE		55B24LS
						S95L
NCP130	08.11 - 09.18	4	1.3	2NZFE		55B24LS

4-Runner

YN63	08.89 - 12.90	4	2.2	4YE		55D23R 90D23R
RN130	08.89 - 11.95	4	2.4	22R		55D23R 90D23R
LN130	10.89→	4	2.8	3L (Diesel)		95D31R 125D31R
VZN130	01.90 - 11.95	6	3.0	3VZE		55D23R 90D23R
RN130	08.90 - 08.95	4	2.4	22RE		55D23L 90D23L

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ZN6	04.12 - 12.16	4	2.0	FA20		55B24RS
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TVR

Cerbera

	01.96 - 12.01	8	4.2	AJP8		110D26R
	01.97 - 12.01	8	4.5	AJP8		110D26R

Chimaera

	03.92 - 12.96	8	3.9	Rover-V8 MPI-Lucas		110D26R
	01.97 - 12.02	8	4.5	Rover V8		110D26R

Griffith

	03.90 - 12.02	8	5.0	J8T <Rover-V8 MPI-Lucas>		110D26R
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* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.



VOLVO

C30							
P14	10.06 - 07.07	5	2.5	B5254T3		55457	560.060
						LN3-AGM	
	10.06 - 07.10	5	2.4	B5244S4		55457	560.060
						LN3-AGM	
				D5244T13 (Diesel)		58014	
						LN3-AGM	
						LN3-AGM	
	10.06 - 09.10	4	2.0	D4204T (Diesel)		LN3-AGM	
	10.06 - 07.11	4	1.6	D4164TDRIVE (Diesel)	BWD,	LN3-AGM	
	08.07 - 12.12	5	2.5	B5254T7		LN3-AGM	
C70							
	09.97 - 03.06	5	2.3	B5234T3; B5234T9		56638	574.068
	03.99 - 07.02	5	2.4	B5244S; B5244T		56638	574.068
C70 II							
	03.06 - 07.07	5	2.5	B5254T3		LN3-AGM	
	03.06 - 07.10	5	2.4	B5244S4		LN3-AGM	
	08.07 - 12.13	5	2.5	B5254T7	BWD,	LN3-AGM	
S40							
	02.97 - 01.04	4	2.0	B4204S; B4204S2; B4204T; B4204T3; B4204T5		56318	575.068
	05.97 - 07.00	4	1.9	B4194T; B4194T2; B4204T2		56318	575.068
	08.99 - 01.04	4	1.8	B4184S2		56318	575.068
P11							
	12.03 - 07.07	5	2.5	B5254T3		575.068	
	03.06 - 07.10	5	2.4	D5244T13 (Diesel)		58014	
S40 II							
P11	12.03 - 07.10	5	2.4	B5244S4		575.068	
	01.04 - 07.10	4	2.0	D4204T (Diesel)		58014	
	08.07 - 12.12	5	2.5	B5254T7		575.068	
S60							
	11.00 - 03.04	5	2.3	B5234T3		56638	574.068
	11.00 - 07.09	5	2.4	B5244S; B5244T3		56638	574.068
	03.03 - 07.09	5	2.5	B5254T2; B5254T4		56638	574.068
S60 II D4							
	08.11 - 07.15	5	2.0	D5204T3 (Diesel)		58014	
S60 II T6 AWD							
	08.10 - 07.16	6	3.0	B6304T4		575.068	
S70							
	01.97 - 07.00	5	2.3	B5234T3		56318	575.068
			2.4	B5244S2; B5254S; B5254T		56318	575.068
S80							
	06.98 - 07.99	6	2.9	B6304S3		56638	574.068
	09.98 - 08.01	6	2.8	B6284 T		56318	575.068



							
◀ VOLVO							
	08.01 - 07.06	6	2.9	B6294T		60038	
	08.03 - 07.06	5	2.5	B5254T2		56638	574.068
S80 II							
	03.06 - 12.10	8	4.4	B8444S		574.068	
	03.06 - 07.11	5	2.4	D5244T4 (Diesel); D5244T10 (Diesel)		58014	
	08.06 - 07.10	6	3.2	B6324S		574.068	
						575.068	
	01.07 - 08.16	6	3.0	B6304T2; B6304T4		575.068	
S90							
	01.97 - 05.98	6	2.9	B6304S		574.068	
V40							
	02.97 - 04.04	4	2.0	B4204S; B4204S2; B4204T		56318	575.068
	05.97 - 07.00	4	1.9	B4194T; B4194T2; B4204T2		56318	575.068
	08.99 - 04.04	4	1.8	B4184S2		56318	575.068
	08.01 - 04.04	4	2.0	B4204T3		574.068	
V40 II T4							
	09.12 - 08.15	5	2.0	B5204T8		LN3-AGM	
V50							
P12	04.04 - 07.10	4	2.0	D4204T (Diesel)		58014	
		5	2.4	B5244S4		575.068	
	04.04 - 12.12	5	2.5	B5254T3; B5254T7		575.068	
	04.06 - 07.10	5	2.4	D5244T13 (Diesel)		58014	
V60 D4							
	09.11 - 08.15	5	2.0	D5204T3 (Diesel)		58014	
V60 D5 AWD							
	09.10 - 08.11	5	2.4	D5244T10 (Diesel)		58014	
V60 3.0 T6 AWD							
	09.10 - 08.16	6	3.0	B6304T4; B6304T5		575.068	
V70							
	01.97 - 03.00	5	2.3	B5234T3		56318	575.068
			2.4	B5254S; B5254T		56318	575.068
V70 II							
	03.00 - 07.03	5	2.4	B5244T3		56219	
	03.00 - 07.04	5	2.3	B5234T3		574.068	
	03.00 - 07.07	5	2.4	B5244S		574.068	
	03.03 - 07.07	5	2.5	B5254T2; B5254T4		574.068	
V70 III							
	08.07 - 07.10	6	3.0	B6304T2		58014	
V70 III T6 AWD							
	08.10 - 07.15	6	3.0	B6304T4		58014	

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V90							
	01.97 - 07.98	6	2.9	; B6304S			574.068
XC60							
	03.09 - 07.10	6	3.0	B6304T2			574.068
	03.09 - 07.11	5	2.4	D5244T4 (Diesel); D5244T10 (Diesel)			574.068
	08.10 - 09.13	6	3.2	B6324S4			LN3-AGM
	08.13 - 02.17	4	2.0	B4204T11			LN3-AGM
XC60 D4 AWD							
	08.15 - 02.17	5	2.4	D5244T21 (Diesel)			575.068
XC60 D5 AWD							
	08.14 - 02.17	5	2.4	D5244T2... (Diesel); D5244T23 (Diesel)			575.068
XC60 T6 AWD							
	08.14 - 02.17	6	3.0	B6304T3			575.068
XC70							
	08.02 - 07.07	5	2.5	B5254T2			574.068
	08.04 - 07.07	5	2.4	B5244T4			574.068
	08.07 - 07.09	5	2.4	D5244T4 (Diesel)			58014
XC70 II							
	08.07 - 07.10	6	3.2	B6324S			58014
	08.09 - 07.15	5	2.4	D5244T10 (Diesel); D5244T15 (Diesel)			58014
	08.10 - 07.15	6	3.0	B6304T4			58014
XC70 II 3.2 AWD							
	08.10 - 07.15	6	3.2	B6324S5			58014
XC90							
	10.02 - 08.12	5	2.5	B5254T2			56638 574.068
	01.03 - 07.06	6	2.9	B6294T			56638 574.068
	03.05 - 12.10	8	4.4	B8444S			56638 574.068
	05.05 - 07.15	5	2.4	D5244T4 (Diesel); D5244T18 (Diesel)			60038
	08.06 - 07.15	6	3.2	B6324S; B6324S5			60038
XC90 II D5 AWD							
	06.15 - 07.16	4	2.0	D4204T11 (Diesel)			60038
XC90 II T6 AWD							
	06.15→	4	2.0	B4204T27			575.068
XC90 II T6 Polestar AWD							
	06.15→	4	2.0	B4204T27			575.068
240 Series							
	08.88 - 07.93	4	2.3	B230F; B230F Kat.			55D26R 110D26R
440							
	10.93 - 12.96	4	2.0	B20F Kat.			55457 560.060
740							
	08.84 - 10.92	4	2.3	B230E; B230F Kat.; B230FT Kat.; B234F Kat.			56219





◀ VOLVO


760	05.86 - 11.90	6	2.8	B280F Kat.		56638	574.068
850	09.91 - 07.97	5	2.4	B5252S Kat.; B5254S Kat.; B5254T Kat.		56638	574.068
	09.93 - 07.97	5	2.3	B5234FT Kat.; B5234T5		56638	574.068
940	12.90 - 12.93	4	2.3	B230FT Kat.; B234F Kat.		56638	574.068
	06.91 - 12.96	4	2.3	B230F Kat.; B230FK Kat.		56219	
940 2.0 Turbo Interc.	09.91 - 07.97	4	2.0	B200FT Kat.		574.068	
960	09.90 - 07.91	6	2.8	B280F Kat.		56638	574.068
	12.91 - 02.97	6	3.0	B6304FS Kat.		56638	574.068

VW (VOLKSWAGEN)

Amarok

2H, S1	09.10 - 10.12	4	2.0	CDBA <D45> (Diesel); CDCA <D46> (Diesel)		60038	
	12.10 - 10.16	4	2.0	CFPA <DF0>		575.068	
	11.11 - 10.16	4	2.0	CSHA <D49> (Diesel)		575.068	
	06.12 - 10.16	4	2.0	CNFB <D91> (Diesel)		60038	

Amarok 4Motion

2H, S1	11.11 - 10.16	4	2.0	CSHA <D49> (Diesel)		60038	
						LN5-AGM	

Arteon 2.0 TFSI 4Motion

3H7	03.17→	4	2.0	DJHC <DF5>	EFB	LN3-EFB	
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Beetle

5C1	07.12 - 06.16	4	1.4	CTHD <D4L/TF0>		560.060	
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Bora

1J2	09.98 - 05.05	4	2.0	APK		56219	
		5	2.3	AGZ; AQN		56219	
	01.00 - 05.05	6	2.8	AUE; BDE		56219	
1J6	05.00 - 02.01	5	2.3	AGZ		56219	

Bus

24, 25	08.85 - 07.92	4	2.1	MV		55457	560.060
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Caddy

2K	02.04 - 08.10	4	1.9	BJB <D3W> (Diesel); BLS <D3W/TG0> (Diesel)		574.068	
	06.04→	4	1.6	BGU		55457	560.060

Caddy 1.4 TSI

SA	05.15→	4	1.4	CZCB <D33>		560.060	
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* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

							
Caddy 1.6 TDI							
2C	08.10 - 05.15	4	1.6	CAYD <D27/TF3> (Diesel)		560.060	
Caddy 2.0 TDI							
2C	11.10 - 05.15	4	2.0	CFHC <D91/TP4> (Diesel)		575.068	
Caddy 2.0 TDI 4Motion							
2C	11.10 - 05.15	4	2.0	CFHC <D91/TP4> (Diesel)		560.060	
California							
7H	06.03 - 11.09	4	2.0	AXA <MOR>		58014	
Caravelle							
256	06.87 - 12.91	5	2.1	DJ		55457	560.060
70, 7D	09.90 - 06.03	4	2.0	AAC		55457	560.060
	11.90 - 12.93	5	2.5	AAF		55457	560.060
	07.93 - 05.05	5	2.5	AET		58014	
70, 7D	07.94 - 10.96	5	2.5	ACU		55457	560.060
	07.95 - 06.03	5	2.5	ACV (Diesel)		60038	
	08.96 - 06.03	5	2.5	AET		58014	
	05.00 - 06.03	6	2.8	AMV		58014	
7H	01.06 - 11.09	5	2.5	BNZ (Diesel); BPC (Diesel)		58014	
7E	09.09 - 08.15	4	2.0	CCHA <D91> (Diesel)		58014	
Crafter 35							
2E, 2F	04.06 - 05.13	5	2.5	BJK <D5L> (Diesel); BJL <D5M> (Diesel); BJM <D5N> (Diesel)		574.068	
Crafter 35 2.0 BitDI							
2E, 2F	07.11 - 12.16	4	2.0	CKUB <D92> (Diesel); CKUC <D46> (Diesel)		575.068	
Crafter 35 2.0 TDI							
2E, 2F	05.11 - 12.16	4	2.0	CKTB <DK2> (Diesel)		575.068	
Crafter 35 2.5 TDI							
2E, 2F	04.06 - 05.13	5	2.5	BJJ <D5K> (Diesel); CECA <D5M> (Diesel)		575.068	
Crafter 50							
2E, 2F	04.06 - 05.13	5	2.5	BJK <D5L> (Diesel); BJL <D5M> (Diesel); BJM <D5N> (Diesel)		574.068	
Crafter 50 2.0 BitDI							
2E, 2F	10.11 - 12.16	4	2.0	CKUC <D46> (Diesel)		575.068	
Crafter 50 2.5 TDI							
2E, 2F	05.09 - 05.13	5	2.5	CECA <D5M> (Diesel)		575.068	
Eos							
1F7	05.08 - 11.10	4	2.0	CAWB <D2L/TQ2>; CCZB <D2D/TD6>		560.060	
Eos 2.0 TDI							
1F8	11.10 - 08.15	4	2.0	CFFB <D91/TL4> (Diesel)		560.060	
Eos 2.0 TSI							
1F8	11.10 - 08.15	4	2.0	CCZB <D2D/TD6>		560.060	



◀ VW

Golf Cabrio

517	03.11 - 09.12	4	1.4	CAVD <D4L//TF0>	EFB	LN3-EFB
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Golf II

19, 1G	07.90 - 11.92	4	1.8	RV		55457 560.060
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Golf III

1H1	09.93 - 07.96	4	1.9	1Z (Diesel)		56318 575.068
	04.94 - 12.97	4	2.0	ADY; 2E		55457 560.060
		6	2.8	AAA		56318 575.068
1E7	02.95 - 04.98	4	2.0	ADY; AGG		55457 560.060
1H1	10.95 - 12.97	4	1.8	ADZ		55457 560.060

Golf IV

1J1	08.97 - 05.03	4	1.8	AGN; AGU		56219
	10.97 - 05.04	4	1.6	AEH; AKL; AVU		56219
1E7	04.98 - 12.01	4	2.0	AGG		55457 560.060
1J1	08.98 - 05.04	4	2.0	APK		56219
	09.98 - 08.01	4	2.0	AEG <ML8>		54316
	10.03 - 05.04	6	3.2	BML		55457 560.060

Golf Plus 2.0 FSI

5M1	05.05 - 11.05	4	2.0	BLR <D2Z/T58>		560.060
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Golf V

1K1	10.03 - 11.08	4	1.9	BKC (Diesel); BXE <D3W/T71> (Diesel)		574.068
			2.0	AXX; BKD <D3X/T9G> (Diesel); BMM <D7N/TM0> (Diesel); BMN <DOM/TN0> (Diesel)		574.068
1K5	01.04 - 05.05	4	1.6	BGU		55066
	05.05 - 07.07	4	1.6	BGU		55457 560.060
	11.05 - 07.07	6	3.2	BUB <D6D/T36>		58014
	11.05 - 11.08	4	1.4	BLG <D4P/TF0>		55066
1K5	05.07 - 03.09	4	2.0	BWA <D2L/T59>		574.068















Golf VI

5K1	10.08 - 11.12	4	1.4	CAVD <D4L//TF0>; CAXA <D4X/TU0>		574.068		
					EFB	LN3-EFB		
517	09.12 - 05.16	4	1.4	2.0	CBAB <D91/TG3> (Diesel); CFFB <D91/TL4> (Diesel)	56219		
				12.08 - 11.12	4	1.6	CAYC <D38/TF3> (Diesel)	56219
							BWD,	LN3-AGM
				05.09 - 11.12	4	1.2	CBZB <DB0/TW0>	BWD,
				EFB	LN3-EFB			

Golf VI GTD

5K1	04.09 - 05.10	4	2.0	CBBB <D93/TG3> (Diesel)		560.060
	11.09 - 11.12	4	2.0	CFGB <D93/TL4> (Diesel)		56219

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Golf VI GTI							
5K1	04.09 - 11.12	4	2.0	CCZB <D2D/TD6>		574.068	
					EFB	LN3-EFB	
Golf VI GTI 35							
5K1	05.11 - 11.12	4	2.0	CDLG <DP8/TA2>		560.060	
					EFB	LN3-EFB	
Golf VI R							
5K1	11.09 - 11.12	4	2.0	CDLC <D81/TA2>		574.068	
					EFB	LN3-EFB	
Golf VI Variant							
AJ5	06.09 - 04.13	4	1.4	CAVD <D4L//TF0>; CAXA <D4X/TU0>		EFB	LN3-EFB
	07.09 - 04.13	4	1.6	CAYC <D38/TF3> (Diesel)		56219	
						LN3-AGM	
			2.0	CBDA <D94/TU3> (Diesel); CFHC <D91/TP4> (Diesel)		56219	
Golf VI 2.0 TDI Variant							
AJ5	07.09 - 04.13	4	2.0	CBDB <D91/TU3> (Diesel)		575.068	
Golf VII							
5G1	11.12 - 12.13	4	1.4	CMBA <D4X/TL1>		LN3-AGM	
BA5	04.13 - 03.17	4	2.0	CRBC <DN4/TR1> (Diesel)		LN3-AGM	
	05.13 - 03.17	4	1.4	CHPA <DF6/TL1>		EFB	LN3-EFB
				CXSA <D4X/TL1>		LN3-AGM	
Golf VII GTI							
5G1	04.13 - 03.17	4	2.0	CHHB <D60/TP6>		EFB	LN3-EFB
Golf VII R							
5G1	11.13 - 03.17	4	2.0	CJXB <DF5/TT6>		EFB,WW	LN3-EFB
Golf VII TDI							
5G1	11.12 - 05.15	4	2.0	CRBC <DN4/TR1> (Diesel)		LN3-AGM	
Golf VII 1.4 TSI							
5G1	05.14 - 03.17	4	1.4	CZCA <D33/TL1>; CZDA <DG6/TL1>		575.068	
Golf VII 1.4 TSI Variant							
BA5	05.14 - 03.17	4	1.4	CZCA <D33/TL1>; CZDA <DG6/TL1>		LN3-AGM	
Golf VII 2.0 GTI							
5G1	02.16 - 03.17	4	2.0	CJXE <D3Q/TT6>		EFB	LN3-EFB
BQ1	11.16→	4	2.0	CHHA <D80/TP6>		EFB	LN3-EFB
Golf VII 2.0 R-Line Variant 4Motion							
BA5	03.15 - 03.17	4	2.0	CJXB <DF5/TT6>		EFB	LN3-EFB
Golf 1.8 TFSI Alltrack 4Motion							
BA5	12.14 - 03.17	4	1.8	CJSB <DF4>		560.060	
					EFB	LN3-EFB	



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Golf 1.8 TSI Alltrack 4Motion

BV5	11.16→	4	1.8	CJSB <DF4/TA8>	EFB	LN3-EFB
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Jetta

1K2	08.05 - 06.08	4	2.0	BKD <D3X/T9G> (Diesel); BMM <D7N/TM0> (Diesel)		574.068
1K6	03.06 - 07.11	4	2.0	AXX; BKD <D3X/T9G> (Diesel); BVX		574.068
1K2	04.08 - 10.10	4	2.0	CCTA <D2L/TQ2>		560.060
	07.08 - 10.10	4	1.4	CAVD <D4L//TF0>		560.060
			2.0	CEGA <D93> (Diesel)		575.068
	07.09 - 10.10	4	1.6	CAYC <D38/TF3> (Diesel)		560.060
163	08.14 - 12.17	4	1.4	CTHD <D4L/TF0>		575.068

Jetta V

1K6	03.06 - 07.11	4	2.0	BVZ		574.068
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Jetta VI

162	10.10 - 07.14	4	2.0	CFFB <D91/TL4> (Diesel)		575.068
	04.11 - 12.12	4	1.4	CAVD <D4L//TF0>		568.060
						56638
						LN3-AGM

Jetta 2.0 FSI

1K2	12.05 - 06.08	4	2.0	BVY <D2Z/T58>		560.060
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Jetta 2.0 TDI

1K2	07.08 - 10.10	4	2.0	CBDB <D91/TU3> (Diesel)		575.068
163	08.14 - 12.17	4	2.0	CFFB <D91/TL4> (Diesel)		575.068

LT

2D, 2H	05.99 - 04.06	5	2.5	ANJ (Diesel)		60038
	02.02 - 04.06	4	2.8	AUH (Diesel)		58014

Multivan

7H	02.03 - 11.09	5	2.5	AXE (Diesel)		60038
	05.03 - 11.09	6	3.2	BKK		574.068
7E	09.09 - 08.15	4	2.0	CAAC <D94/TW3> (Diesel); CFCA <D49/TV3> (Diesel)		575.068

Multivan T5 2.0 TDI

7E	09.09 - 08.15	4	2.0	CCHA <D91> (Diesel)		575.068
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Multivan T5 2.0 TSI

7E	05.11 - 08.15	4	2.0	CJKA <DF9>		58014
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Multivan 4Motion

7E	09.09 - 08.15	4	2.0	CFCA <D49/TV3> (Diesel)		575.068
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New Beetle

1C1, 9C1	01.98 - 06.05	4	2.0	AEG <ML8>; AQY		55457	560.060
1Y7	01.03 - 06.06	4	2.0	BGD		56219	

* Bosch recommend the use of a diagnostic tool (E.g.. Bosch KTS Series) when replacing the Batteries in vehicles with Electronic Battery Management systems.

							
1C1, 9C1	07.05 - 12.10	4	1.9	BSW <D3W> (Diesel)			574.068
New Beetle Cabriolet							
1Y7	01.03 - 09.10	4	2.0	AZJ <MR4>			56219
Passat							
312,351,3A2	07.95 - 03.97	4	2.0	AGG			55457
	08.95 - 03.97	6	2.8	AAA			58014
3B2	10.96 - 11.00	4	1.8	ADR; AEB; ANB; APT; APU; ARG			56219
		5	2.3	AGZ			56318
	01.97 - 11.00	6	2.8	ACK; ALG			56318
3B5	06.97 - 11.00	6	2.8	ACK; ALG			574.068
	09.97 - 11.00	5	2.3	AGZ			574.068
	01.99 - 11.00	4	1.8	ANB; APT; APU; ARG			56219
3B3	10.00 - 05.05	4	1.8	AWT			56219
		5	2.3	AZX			56219
		6	2.8	AMX			56219
				BBG			574.068
	05.02 - 09.04	8	4.0	BDN			58014
3C2	03.05 - 07.10	4	2.0	BKP (Diesel); BMR (Diesel); CBAB <D91/TG3> (Diesel); CBBB <D93/TG3> (Diesel)			574.068
3C5	08.05 - 06.08	4	2.0	BKP (Diesel)			574.068
	11.05 - 02.08	4	2.0	BWA <D2L/T59>			55066
362	01.11 - 12.14	6	3.6	BWS <D34>			58014
Passat Alltrack							
365	01.13 - 12.14	4	2.0	CFGC <DE2> (Diesel)			LN3-AGM
Passat CC							
357	08.08 - 11.10	4	2.0	CBBB <D93/TG3> (Diesel)			LN3-AGM
Passat R36							
3C2	04.07 - 07.10	6	3.6	BWS <D34>			574.068
Passat R36 Variant							
3C5	04.07 - 11.10	6	3.6	BWS <D34>			575.068
Passat Variant							
3C5	08.05 - 06.08	4	2.0	BMR (Diesel)			574.068
	05.07 - 11.10	4	1.8	BZB <D67>			575.068
	01.08 - 11.10	4	2.0	CBAB <D91/TG3> (Diesel); CBBB <D93/TG3> (Diesel)			575.068
Passat Variant 4Motion							
3C5	11.05 - 11.10	6	3.2	AXZ <D6F>			60038
Passat 2.0 TDI							
362	08.10 - 12.14	4	2.0	CFGB <D93/TL4> (Diesel)			LN3-AGM
3G2	05.15 - 07.19	4	2.0	DFCA <DE5> (Diesel)	EFB		LN3-EFB











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Passat 2.0 TDI Alltrack 4Motion								
3G5	05.15 - 07.19	4	2.0	DFCA <DE5> (Diesel)		EFB	LN3-EFB	
Passat 2.0 TDI Variant								
365	08.10 - 12.14	4	2.0	CFGB <D93/TL4> (Diesel)			LN3-AGM	
3G5	05.15 - 07.19	4	2.0	DFCA <DE5> (Diesel)		EFB	LN3-EFB	
Passat 4Motion								
3C2	09.05 - 07.10	6	3.2	AXZ <D6F>			574.068	
Polo								
6N1	10.96 - 12.99	4	1.6	AEE			54316	
6N2	01.99 - 09.01	4	1.4	AHW			56219	
9N1	09.01 - 05.04	4	1.4	BBY			55066	
9N2	07.03 - 05.07	4	1.4	BBY			55066	
9N3	04.05 - 12.09	4	1.4	BBZ; BUD <D4W/TT1>			55066	
				1.9	AXR <MS7/T5X> (Diesel)		574.068	
	05.06 - 12.09	4	1.6	BTS			55066	
6R1	06.09 - 02.14	4	1.2	CBZB <DB0/TW0>			560.060	
				1.4	CGGB <D22/TT1>			56219
				1.6	CAYB <D36/TF3> (Diesel)		BWD,	LN3-AGM
Polo GTI								
9N3	09.05 - 11.09	4	1.8	BJX			574.068	
6R1	05.10 - 09.12	4	1.4	CAVE <D32/TF0>			LN3-AGM	
Polo 1.0 TSI								
AW1	06.17→	3	1.0	CHZL <DI6/TJ4>		EFB, WW	LN3-EFB	
Polo 1.2 TSI								
6C1	02.14 - 10.17	4	1.2	CJZC <DB7/TP1>			560.060	
				CJZD <DB8/TP1>			575.068	
Polo 1.4 GTI								
6R1	09.12 - 05.14	4	1.4	CTHE <D32/TF0>			LN2-AGM	
Polo 1.8 GTI								
6C1	11.14 - 10.17	4	1.8	DAJB <DI0/TA8>			560.060	
Polo 2.0 TFSI								
AW1	11.17→	4	2.0	CZPC <D2L/TD3>		EFB	LN3-EFB	
Scirocco R								
137	11.09 - 05.14	4	2.0	CDLC <D81/TA2>			56219	
Tiguan								
5N1	11.07 - 05.11	4	2.0	CCTA <D2L/TQ2>			560.060	
5N2	05.11 - 09.12	4	1.4	CAVD <D4L//TF0>			LN3-AGM	
	09.12 - 12.16	4	1.4	CTHD <D4L/TF0>			LN4-AGM	

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Tiguan 1.4 TSI							
AD1	05.16 - 11.18	4	1.4	CZEA <DG6/TK8>	EFB	LN3-EFB	
Tiguan 2.0 TDI							
5N2	05.11 - 12.16	4	2.0	CFFB <D91/TL4> (Diesel)		568.060	
						LN3-AGM	
Tiguan 2.0 TSI 4Motion							
5N2	05.11 - 12.16	4	2.0	CAWA <D6G>		560.060	
Tiguan 4Motion							
5N1	11.07 - 05.11	4	2.0	CBAB <D91/TG3> (Diesel)		574.068	
	03.08 - 07.11	4	2.0	CAWA <D6G>		56219	
	11.09 - 05.11	4	2.0	CCZA <D2L/TD6>; CCZC <D6G>		56219	
5N2	05.11 - 12.16	4	2.0	CCZB <D2D/TD6>; CCZD <D64>		560.060	
				CFFB <D91/TL4> (Diesel)		LN3-AGM	568.060
Touareg							
7LA	11.02 - 11.06	6	3.2	AZZ; BMV		58014	
		10	5.0	AYH (Diesel); BLE (Diesel)		60038	
	12.02 - 11.06	8	4.2	AXQ; BHX		60038	
	01.03 - 11.06	5	2.5	BAC (Diesel)		60038	
	11.04 - 11.06	6	3.0	BKS (Diesel)		LN5-AGM	
	08.05 - 11.06	6	3.6	BHK		58014	
	01.06 - 11.06	5	2.5	BPE (Diesel)		575.068	
	7L6	12.06 - 05.08	6	3.0	BKS (Diesel)		LN5-AGM
12.06 - 05.10		5	2.5	BPE (Diesel)		575.068	
		6	3.6	BHK		58014	
		10	5.0	BLE (Diesel)		60038	
01.08 - 05.10		6	3.0	CASC (Diesel)		574.068	
7P5	04.10 - 12.14	6	3.6	CGRA <D3B>	EFB	LN3-EFB	
	05.11 - 12.14	6	3.0	CJMA (Diesel)		LN5-AGM	
				CRCA <D43> (Diesel)		60038	
Touareg R50							
7L6	08.07 - 05.10	10	5.0	CBWA (Diesel)		60038	
Touareg 3.0 TDI							
7P6	08.14 - 03.18	6	3.0	CRCA <D43> (Diesel)		LN5-AGM	
Touran 2.0 FSI							
1T1	05.04 - 11.05	4	2.0	BLR <D2Z/T58>; BLX		560.060	
1T2	11.06 - 01.07	4	2.0	BVY <D2Z/T58>		560.060	
Transporter							
70, 7D	09.90 - 09.98	5	2.4	AAB (Diesel)		60038	
	09.90 - 06.03	4	2.0	AAC		55457	560.060
	11.90 - 10.96	5	2.5	AAF; ACU		56318	575.068
	07.95 - 06.03	5	2.5	ACV (Diesel)		60038	
	08.96 - 06.03	5	2.5	AET		58014	

							
◀ VW							
70, 7D	05.99 - 06.03	5	2.5	AUF (Diesel); AXL (Diesel); AYC (Diesel)		60038	
7H	02.03 - 11.09	5	2.5	AXD (Diesel)		58014	
				AXE (Diesel)		58014	
	04.03 - 11.09	4	1.9	AXB (Diesel); AXC (Diesel)		58014	
7J	04.03 - 11.09	4	1.9	AXB (Diesel)		58014	
		5	2.5	AXD (Diesel); AXE (Diesel)		60038	
7H	05.03 - 11.09	6	3.2	BKK		574.068	
	07.04 - 11.09	5	2.5	AXE (Diesel)		60038	
7E	09.09 - 08.15	4	2.0	CAAB <D55/TW3> (Diesel); CAAC <D94/TW3>		58014	
				(Diesel); CFCA <D49/TV3> (Diesel)			
7F	09.09 - 08.15	4	2.0	CFCA <D49/TV3> (Diesel)		58014	
Transporter T5 2.0 TDI							
7F	09.09 - 08.15	4	2.0	CAAC <D94/TW3> (Diesel)		58014	
up!							
121	12.11 - 07.16	3	1.0	CHYB <DG2/TH4>		55065	
Vento							
1H2	07.95 - 03.97	4	2.0	AGG		56219	











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B149 Special Cases

AA	All-wheel drive
AG	For vehicles with automatic transmission
AGM	Only use AGM (Absorbent Glass Mat) battery for this vehicle
BWD	Attention: Battery replacement must be entered in control unit with diagnostic tester, e.g. KTS Series.
GS	For vehicles with manual transmission
JBR	Confirmation of the tray size is necessary
KZN	Not for cold climates
SCR	Hatchback
SED	For SEDAN model
SSJ 	For vehicles with Start-Stop function
SSN	For vehicles without Start-Stop function
TW	The product fitted must be identified on the vehicle or engine
WW	Optional
YQ4	74 A
ZE	Two required

Logos

	No requirement for checking electrolyte fluid
	Passenger Vehicles
	For engines with Start-Stop technology
	Trucks and Buses
	Deep Cycle and Reserve Power
	Marine
	Light Commercial Vehicles
	4x4 and SUVs

Find out more at:

www.boschaftermarket.com.au

Disclaimer

For exact fitment, always check specifications against original battery prior to installation.

Whilst every care has been taken in the preparation of this content, Bosch cannot guarantee the accuracy of this information. This serves as an application reference only and is not a full representation of all Start-Stop vehicles in the country.



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