



The True Fit & Forget Battery

2020

*Battery Catalogue
& Application Guide*



PERFORMANCE +

PLUS XHD

ULTRA START

EXTRA START

FORCE EFB

ULTIMATE AGM

AGM DEEP CYCLE

MULTIPURPOSE

EXPLORER PLUS

VRLA-AGM

**12 / 24
MONTH
WARRANTY**



by visiting
www.probegroup.co.za

www.probebattery.co.za

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Probe, established in 1963, is South Africa's largest importer of automotive batteries and a leader in rotating electrics, with over fifty years of experience in distributing and providing aftermarket support for leading international brands.

Probe's Main focus was Auto Electrical Services which has now been expanded to batteries, starters, alternators and auto electrical components, automotive safety lighting, engine cooling fans including viscous fan clutches, LED lights, Collision Avoidance for trucks and earthmoving equipment.

We are direct importers, wholesalers and distributors of our products. We also offer added value support through our repair and remanufacturing facility, technical sales support and training as well as assistance with the implementation of preventative maintenance programmes.

Distribution and aftermarket support: Delco Remy, Prestolite / Leece Neville, C.E.Niehoff, Horton, Schumacher Chargers, Vision X

Exclusive distribution agreements: Tudor Batteries (Brazil), Zap Batteries (Poland), Monbat (Bulgaria)

Other significant product representations: Million Tape, Cole Hersee & Transpo regulators.



OUR VISION

To become a company of choice for trucking fleets, mines, OEM, auto electricians, spare shops and battery fitment centres with regard to their rotating auto electrical and battery requirements.

To offer the market a quality product with an acceptable warranty at competitive pricing, sound technical support and consistent service.

To be rated by our customers as the best company in our field in South Africa.

BRANCHES

Probe has a national branch network with branches in Main Centres:

Johannesburg
Durban
Cape Town
Port Elizabeth
Bloemfontein
Namibia
Botswana

Mining division has operations in:

Witbank
Rustenburg
Kuruman
Steelpoort
Mozambique
Zambia



DISTRIBUTION

Probe distributes a full range of auto-electrical components including batteries, alternators, starters and associated spares for American, European and Asian vehicles. A wide dealer network supports full national distribution of all products.

Probe's comprehensive range of starters and alternators have wide applications for a variety of vehicle types used in the automotive, trucking and agricultural sectors, through to mining and construction equipment industries.

Probe is a licensed distributor of top international brands such as Delco Remy, Prestolite/ Leece Neville and Horton, and in addition supplies other leading brands such as Bosch, CE Niehoff and DAC. Our expanding product range includes engine cooling fans and viscous fan clutches, lamps and work lights.



OEM CUSTOMERS



CUSTOMERS UNDER DEVELOPMENT



Sealed maintenance - free series with **calcium/calcium technology** offers extended battery life.

The Probe Performance Plus XHD battery has increased grid strength and internal plate supports making it **vibration resistant, extremely durable and robust**. A **unique state - of - charge indicator (Magic Eye)** allows you to easily check the power status of your battery.

The fully - sealed characteristics do not allow any access to the battery, making it totally maintenance free.

XTREME PERFORMANCE + (SMF)

XTREME PERFORMANCE + **24 MONTH WARRANTY**

LIGHT DUTY

XTREME PERFORMANCE + **12/24 MONTH WARRANTY**

HEAVY DUTY



ULTRA START (SMF)

ULTRA START **24 MONTH WARRANTY**

LIGHT DUTY

ULTRA START **12/24 MONTH WARRANTY**

HEAVY DUTY



For the Toughest Power Demands



Our series of cycling batteries offers a **complete range of multipurpose and deep cycle batteries** for all commercial and industrial applications, namely: marine, uninterrupted power supplies (UPS), solar, camping, backup power and for telecommunication stations and energy lighting. This series includes **lead calcium “wet plate type”, tubular, AGM, GEL, Lithium Ion Phosphate** and **Zinc Bromide technologies** that cater for various deep cycle applications. We are proud to offer a unique, fully comprehensive **alternative energy power package**.

XTREME PLUS XHD

XTREME PLUS XHD

LIGHT DUTY



12/24 MONTH WARRANTY

XTREME PLUS XHD

HEAVY DUTY



12/24 MONTH WARRANTY



EXTRA START (MF)

EXTRA START

LIGHT DUTY



24 MONTH WARRANTY

EXTRA START

HEAVY DUTY



12/24 MONTH WARRANTY



FORCE EFB

LIGHT DUTY

24 MONTH WARRANTY

FORCE EFB

HEAVY DUTY

24 MONTH WARRANTY



ULTIMATE AGM (SMF)

ULTIMATE AGM

LIGHT DUTY

24 MONTH WARRANTY

ULTIMATE AGM

HEAVY DUTY

12/24 MONTH WARRANTY



DEEP CYCLE - AGM (MF)



DEEP CYCLE - AGM

LIGHT DUTY

Icons: Car, Boat, RV, Solar Panel

12 MONTH WARRANTY

DEEP CYCLE - AGM

HEAVY DUTY

Icons: Car, Boat, RV, Solar Panel, Wheelchair

12 MONTH WARRANTY



EXPLORER PLUS - MARINE / LEISURE (MF)

EXPLORER PLUS

LIGHT DUTY

Icons: Car, Boat, RV

12 MONTH WARRANTY

EXPLORER PLUS

HEAVY DUTY

Icons: Car, Boat, RV

12 MONTH WARRANTY



MULTIPURPOSE

12 MONTH WARRANTY

LIGHT DUTY



DEEP CYCLE

12 MONTH WARRANTY

HEAVY DUTY



Max Li - Lithium Iron Phosphate (LiFePO4)

Model	Battery Type	Nominal Voltage	Nominal Capacity (Ah)	Energy (Wh)	DIMENSIONS MM			Weight (Kg)	Protocol	Wall Mount Bracket
					LENGTH	WIDTH	HEIGHT			
Max Li - Lithium Iron Phosphate (LiFePO4)										
YS-48-50	Lithium Iron Phosphate	48V	50	2400	412	438	135	31	RS485/RS232	N
YS-48-70	Lithium Iron Phosphate	48V	70	3360	450	438	178	45	RS485/RS232/CAN Bus	N
YS-48-100	Lithium Iron Phosphate	48V	100	4800	650	438	178	55	RS485/RS232	N
YS-48-50-W	Lithium Iron Phosphate	48V	50	2400	412	438	135	31	RS485/RS232	Y
YS-48-70-W	Lithium Iron Phosphate	48V	70	3360	450	438	178	45	RS485/RS232/CAN Bus	Y
YS-48-100-W	Lithium Iron Phosphate	48V	100	4800	650	438	178	55	RS485/RS232	Y

LITHIUM IRON PHOSPHATE

HEAVY DUTY



Type	Nominal Voltage	Capacity C10, Ah	Length, mm	Width, mm	Height, mm
STATIONARY FRONT TERMINAL 12V : STABLE GRID FLOATING					
12MVR65TA	12 V	70	395	105	255
12MVR80TA	12 V	82	395	105	255
12MVR100TA	12 V	92	395	105	280
12MVR110F	12 V	103	510	110	235
12MVR100	12 V	103	555	125	231
12MVR130L	12 V	136	555	125	280
12MVR155L	12 V	152	555	125	280
12MVR180	12 V	180	555	125	320
12MVR200	12 V	190	555	125	320

Type	Nominal Voltage	Capacity C10, Ah	Length, mm	Width, mm	Height, mm
STATIONARY FRONT TERMINAL 12V : UNSTABLE GRID CYCLING					
12HVR100	12 V	100	400	110	286
3312MVR80TA	12 V	130	555	125	280
12MVR100TA	12 V	150	555	125	320
12MVR110F	12 V	170	555	125	320

VRLA-AGM

STATIONARY



12 / 24
MONTH
WARRANTY



Maintenance-free product

Over 12 years design life, EUROBAT specification Long Life

Nominal parameters in accordance with best practices

Bond container-lid: heat sealed for durable performance

AGM internal gas recombination efficiency 99%

Three-layer terminal sealing for leak-free operation

Shock-resistant ABS flame retardant containers

One way valve regulated system with flame-arrester

Unified sizes and integrated carry handles

Ready for use immediately after installation

Central degassing outlet for all front terminal batteries

Easy installation with insulated inter-cell connectors

Optimal correlation "electrolyte / active mass"

Fully recyclable

Proven low rate of self-discharge

Overall balance for float and cyclic application

Wide range of operating temperature -20°C / +55°C

ETSI 19" / 21" / 23" integration

Reduced installation and ownership cost

Telecom - Unstable Grid Cycling

Type	Nominal Voltage	Capacity C10, Ah	Length, mm	Width, mm	Height, mm
STATIONARY FRONT TERMINAL 12V : UNSTABLE GRID CYCLING					
2HVR300	2V	300	389	171	238
2HVR400	2V	400	389	171	238
2HVR500	2V	500	389	171	238

VRLA-AGM

STATIONARY



12 / 24
MONTH
WARRANTY



AVAILABLE COUNTRYWIDE

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www.probegroup.co.za | www.probebattery.co.za

E&OE - Specification may vary & are for indication purposes.

*Technical specifications may vary within 5%



UTILITY, SOLAR & MARINE



KEY APPLICATIONS



MONBAT SEMI TRACTION -

Series is specially designed for applications requiring a permanent and long lasting of supply of electrical energy.

MAIN BENEFITS

- ▶ Suitable for dual usage: power supply and starting power
- ▶ Up to 400 cycles at 50% DOD
- ▶ Up to 800 cycles (PVES applications)
- ▶ High resistance to deep and repeated discharge cycles
- ▶ Available in SMF version
- ▶ Economical and reliable option

SPECIFICATIONS

Battery Type	Capacity, C100 (Ah) EN 61427 SOLAR	Capacity, C20 (Ah) EN 50342 SLI	Capacity, C5 (Ah) EN 60254-1 TRACTION	RC (min)	BOX	Dimensions			Layout	Terminal	BHD
						L	W	H			
95502	70	60	50	100	L2	242	175	190	0	1	B13
95602	80	75	60	130	L3	278	175	190	0	1	B13
95751	100	90	75	160	L5	353	175	190	0	1	B13
95752	110	100	80	182	D31	304	175	220	0	1	B1
95804	115	105	90	192	LOT7	345	175	230	0	1	B0
96002	130	125	100	235	WOR	345	175	285	0	1	B0
96151	154	140	120	270	A	513	189	223	3	1	B0
96351	198	180	155	365	B	513	223	223	3	1	B0
96701	220	200	170	415	C	518	274	242	3	1	B0
96801	253	230	190	460	C	518	274	242	3	1	B0

▶ **Electrical Driven Vehicles**

Golf Carts, Airport Ground Support Equipment, Tow Vehicles & Unit Load Carriers



▶ **Renewable Energy Systems**

Solar & Wind Energy System, Mobile homes & Street Solar lighting



▶ **Floor Cleaning Equipment**

Floor cleaners , Wet scrubbers & polishers



▶ **Remote Monitoring Equipment**

Traffic Management Systems , Safety Equipment of all kinds, Wi-Fi systems & UPS



▶ **General Utility and Marine**

Yacht, Boats, Caravans, Motorhomes & RV



▶ **Mobile lifting platforms**

Light Cranes, Aerial Work Platforms, Access & Pallet Jacks



▶ **Mobility for disabled**

Electric wheelchairs, Public-operated stair climbers



AGM DEEP CYCLE series



DEEP CYCLE series



SEMI TRACTION series

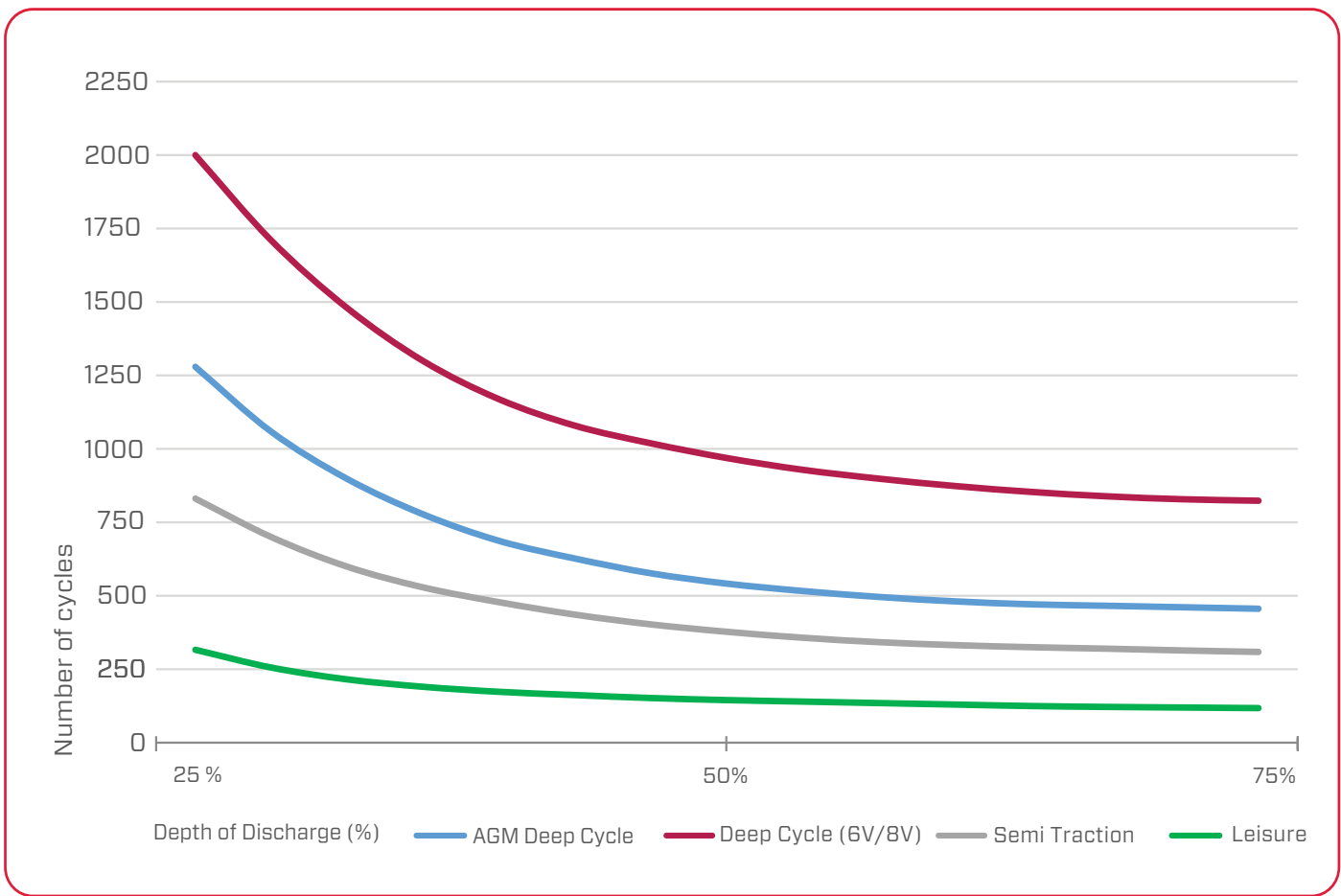


LEISURE series



✓✓ Highly recommended ✓ Recommended

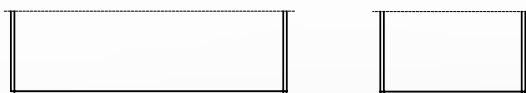
	NCC Testing Class	Intended Purpose	MONBAT Series
	CLASS A	Motorhomes / Caravans frequently used without electrical hook-ups	AGM DEEP CYCLE series
	CLASS B	Motorhomes / Caravans with higher power consumption but still generally used with electrical hook-up	SEMI TRACTION series
	CLASS C	Motorhomes / Caravans with low power consumption used with electrical hook-up	LEISURE series



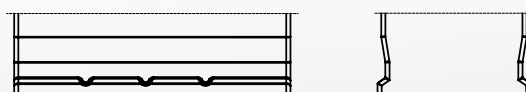
LEGEND

HOLD-DOWN

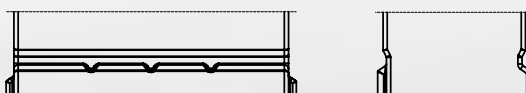
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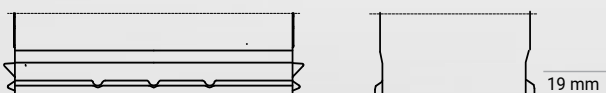
B1



B4



B9



B13



Polarity Configuration



Nowadays fleet managers are focused on the total cost of ownership as commercial vehicle equipment is quite advanced and has a high power consumption. MONBAT answers these innovations in the commercial vehicle sector with a vast range of Heavy Duty batteries capable of covering any application and vehicle, including end-of frame installation EURO5/6 with highest vibration resistance of V3/V4. MONBAT batteries have enormous starting power at extreme temperatures, more capacity and ability to deliver reliable cycling performance even at a low state of charge (50% DOD).



Basic equipment

- AIR CONDITIONER
- SEAT HEATING
- GPS NAVIGATION
- DVD AND SOUND SYSTEM
- CELL PHONE
- ALARM SYSTEM

Advanced equipment

- SATELLITE TV
- REFRIGERATOR
- MICROWAVE
- ADDITIONAL LIGHTING AND LED
- LAPTOP
- WIFI
- HEATER
- COFFEE MACHINES

BATTERY SELECTION BY APPLICATION	AGM	EFB	SMF
Rear-chassis installation	Applicable	Recommended	
Hotel function	Recommended	Recommended	
Rough terrain, extreme vibrations	Applicable	Recommended	
Many electric consumers	Recommended	Recommended	
Dual purpose usage	Applicable	Applicable	
High cranking power, extreme temperatures	Applicable	Applicable	Applicable

BATTERY SELECTION BY VEHICLE	AGM	EFB	SMF
Long-Haul truck EURO5/6	Recommended	Recommended	
City bus	Recommended	Recommended	
Express delivery vehicles	Recommended	Recommended	
Municipal and emergency vehicles	Recommended	Recommended	
Coach	Applicable	Applicable	Applicable
Construction machines	Applicable	Applicable	Applicable
Tractors and agricultural vehicles	Applicable	Applicable	Applicable
Older generation CV	Applicable	Applicable	Applicable

Extreme Performance SMF - Light Duty & Heavy Duty



SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT MM	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT					
XTREME SERIES : AUTOMOTIVE LIGHT DUTY - PERFORMANCE												
610P	SMF	45	350	65	253	176	185	205	Yes	A	1	B6
611P	SMF	45	350	65	253	176	185	205	Yes	A	2	B6
612P	SMF	44	350	62	207	175	190	190	Yes	A	2	B6
615P	SMF	36	260	45	196	137	206	226	Yes	B	1	B1
616P	SMF	36	260	45	196	137	206	226	Yes	B	2	B1
618P	SMF	38	300	60	207	175	175	175	Yes	A	2	B3
621P	SMF	50	400	75	253	176	185	205	Yes	A	2	B6
622P	SMF	50	400	75	253	176	185	205	Yes	A	1	B6
628P	SMF	45	350	65	242	175	175	175	Yes	A	2	B3
630P	SMF	40	360	52	237	128	185	205	Yes	A	1	B3
631P	SMF	40	360	52	237	128	185	205	Yes	A	2	B3
634P	SMF	40	360	52	237	128	185	205	Yes	A	1	B6
635P	SMF	45	350	65	242	175	175	175	Yes	A	1	B3
636P	SMF	45	360	52	237	128	205	225	Yes	A	2	B6
637P	SMF	62	500	100	242	175	190	190	Yes	A	1	B3
638P	SMF	60	450	75	253	176	185	205	Yes	A	1	B6
638PS	MF	65	520	85	230	170	203	226	Yes	A	1	B6
639P	SMF	60	500	75	253	176	185	205	Yes	A	2	B6
639PS	MF	65	520	85	230	170	203	226	Yes	A	2	B6
643P	SMF	55	450	90	242	175	190	190	Yes	A	1	B6
645P	SMF	62	500	100	242	175	190	190	Yes	A	1	B3
646P	SMF	55	450	90	242	175	190	190	Yes	A	2	B3
647P	SMF	54	450	90	278	175	175	175	Yes	A	2	B3
649P	SMF	65	520	85	253	176	193	214	Yes	A	1	B6
650P	SMF	70	500	150	305	173	206	225	Yes	A	1	B5
650PS	MF	80	600	128	303	175	200	220	Yes	A	1	B3
651P	SMF	65	520	110	278	175	175	175	Yes	A	2	B3
652P	SMF	70	550	110	277	175	190	190	Yes	A	2	B3
652PS	SMF	75	620	125	277	174	190	190	Yes	A	2	B3
653P	SMF	75	620	125	277	174	190	190	Yes	A	1	B3
654P	SMF	75	630	120	286	175	190	190	Yes	A	2	B3
657P	SMF	70	550	110	277	174	190	190	Yes	A	1	B3
657PS	SMF	75	620	125	277	174	190	190	Yes	A	1	B3
663P	SMF	95	700	170	352	175	190	190	Yes	A	2	B3
668P	SMF	80	650	140	315	175	190	190	Yes	A	2	B3
669P	SMF	80	650	140	315	175	190	190	Yes	A	1	B3
658P	SMF	90	700	160	352	175	190	190	Yes	A	2	B3
659P	SMF	95	700	170	352	175	190	190	Yes	A	1	B3

SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT MM	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT					
XTREME SERIES: XTRA HEAVY DUTY BATTERIES - PERFORMANCE +												
671PE	SMF	90	700	160	305	173	206	226	Yes	A	1	B5
674PE	SMF	90	700	160	305	173	206	226	Yes	A	2	B5
671PS	SMF	95	700	160	331	173	220	243	Yes	A	C	B0
674PS	SMF	95	700	160	331	173	220	243	Yes	A	C	B0
1150P	SMF	102	750	170	331	173	220	243	Yes	SCREW	C	B0
1151P	SMF	102	750	170	331	173	220	243	Yes	A	C	B0
1150PS	SMF	105	800	180	331	173	220	243	Yes	SCREW	C	B0
1151PS	SMF	105	800	180	331	173	220	243	Yes	A	C	B0
31-1000CT	SMF	110	900	190	331	173	220	243	Yes	SCREW	C	B0
31-1001CT	SMF	110	900	190	331	173	220	243	Yes	A	C	B0
682PS	SMF	120	850	200	505	180	195	218	Yes	A	5	B0
683PS	SMF	120	850	200	505	180	195	218	Yes	A	4	B0
685PS	SMF	120	800	200	505	180	195	218	Yes	A	4	B0
689PS	SMF	135	920	260	508	215	210	232	Yes	A	4	B0
690PS	SMF	135	920	260	508	215	210	232	Yes	A	5	B0
692PS	SMF	150	1000	350	510	215	210	232	Yes	A	4	B0
696PS	SMF	180	1000	350	510	215	210	232	Yes	A	4	B0
698PS	SMF	180	1000	350	510	215	210	232	Yes	A	5	B0
688PS	SMF	200	1100	400	512	275	210	249	Yes	A	5	B0
688SD	SMF	220	1350	420	512	275	210	249	Yes	A	5	B0

PERFORMANCE

LIGHT DUTY 

24 MONTH WARRANTY

PLUS XHD

HEAVY DUTY 

12/24 MONTH WARRANTY



Ultra Start SMF - Enhanced Performance



SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT	MM				
ULTRA START SMF - LIGHT DUTY ENHANCED PERFORMANCE												
612US	SMF	50	460	75	207	175	190	190	Yes	B	2	B3
615US	SMF	36	330	55	197	128	198	220	Yes	A	1	B1
616US	SMF	36	330	55	197	128	198	220	Yes	A	2	B1
618US	SMF	42	350	65	207	175	175	175	Yes	A	2	B3/B4
621US	SMF	50	440	75	230	170	203	220	Yes	A	2	B1
621USH	SMF	50	440	75	260	170	203	220	Yes	A	2	B1
622US	SMF	50	440	75	230	170	203	220	Yes	A	1	B1
622USH	SMF	50	440	75	260	170	203	220	Yes	A	2	B1
628US	SMF	45	400	75	242	175	175	175	Yes	B	2	B3/B4
628USH	SMF	50	460	80	242	175	175	175	Yes	B	2	B3/B4
635US	SMF	45	460	75	242	175	175	175	Yes	A	1	B3/B4
630US	SMF	40	330	52	237	128	185	205	Yes	A	1	B3
631US	SMF	40	330	52	237	128	185	205	Yes	A	2	B3
634US	SMF	40	330	52	237	128	185	205	Yes	A	1	B6
636US	SMF	45	330	52	237	128	205	220	Yes	A	2	B6
637US	SMF	62	590	95	242	175	190	190	Yes	A	1	B3
638US	SMF	60	480	90	230	170	203	226	Yes	A	1	B1
638USH	SMF	60	480	90	260	170	203	226	Yes	A	1	B1
639US	SMF	60	480	90	230	170	203	226	Yes	A	2	B1
639USH	SMF	60	480	90	260	170	203	226	Yes	A	2	B1
643US	SMF	62	590	95	242	175	190	190	Yes	A	2	B3
645US	SMF	62	590	95	242	175	190	190	Yes	A	1	B3
646US	SMF	62	590	95	242	175	190	190	Yes	A	1	B3
646USH	SMF	62	600	95	242	175	190	190	Yes	A	2	B13
647US	SMF	62	590	95	278	175	175	175	Yes	A	2	B3/B4
650US	SMF	70	630	115	304	173	203	220	Yes	A	1	B1
651US	SMF	66	630	105	278	175	175	175	Yes	A	2	B3/B4
652US	SMF	66	630	115	278	175	190	190	Yes	A	2	B3
652USH	SMF	72	700	115	278	175	190	190	Yes	A	2	B3
652USX	SMF	75	740	115	278	175	190	190	Yes	A	2	B3
652USXX	SMF	80	790	135	278	175	190	190	Yes	A	2	B3/B4
653US	SMF	75	740	125	278	175	190	190	Yes	A	1	B3
654US	SMF	80	790	135	278	175	175	175	Yes	A	2	B3/B4
656US	SMF	70	630	115	304	173	185	220	Yes	A	2	B1
657US	SMF	66	630	105	278	175	190	190	Yes	A	1	B3
657USH	SMF	72	700	115	278	175	190	190	Yes	A	1	B3
657USX	SMF	75	740	125	278	175	190	190	Yes	A	1	B3
668US	SMF	85	820	150	310	175	190	190	Yes	A	2	B3/B4
669US	SMF	85	820	150	310	175	190	190	Yes	A	1	B3/B4
663US	SMF	100	880	170	353	175	190	190	Yes	A	2	B3
668US	SMF	100	880	170	353	175	175	175	Yes	A	2	B3/B4
659US	SMF	100	880	170	353	175	190	190	Yes	A	1	B3

SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT	MM				
ULTRA START SMF - HEAVY DUTY ENHANCED PERFORMANCE												
671USPE	SMF	90	690	160	304	173	203	220	Yes	A	1	B1
674USPE	SMF	90	690	160	304	173	203	220	Yes	A	2	B1
671US	SMF	95	700	160	336	203	215	235	Yes	A	C	B1
674US	SMF	95	700	160	336	203	215	235	Yes	A	C	B1
1150US	SMF	100	750	180	336	173	219	235	Yes	SCREW	C	B1
1151US	SMF	100	750	180	336	173	219	235	Yes	A	C	B1
1150USH	SMF	105	800	180	336	173	219	235	Yes	SCREW	C	B1
1151USH	SMF	105	800	180	336	173	219	235	Yes	A	C	B1
31-1000US	SMF	110	850	190	336	173	219	235	Yes	SCREW	C	B1
31-1001US	SMF	110	850	190	336	173	219	235	Yes	A	C	B1
682US	SMF	120	880	215	513	189	196	220	Yes	A	5	B0
683US	SMF	120	880	215	513	189	196	220	Yes	A	4	B0
682USH	SMF	125	950	235	513	189	196	220	Yes	A	5	B0
683USH	SMF	125	950	235	513	189	196	220	Yes	A	4	B0
689US	SMF	135	1040	235	513	223	196	223	Yes	A	4	B0
690US	SMF	135	1040	235	513	223	196	223	Yes	A	5	B0
692US	SMF	150	1100	275	513	223	196	223	Yes	A	4	B0
696US	SMF	180	1300	330	513	223	196	223	Yes	A	4	B0
698US	SMF	180	1300	330	513	223	196	223	Yes	A	5	B0
698USH	SMF	200	1350	375	513	223	196	223	Yes	A	5	B0
688US	SMF	200	1350	375	514	276	215	242	Yes	A	5	B0
688USH	SMF	230	1500	435	514	276	215	242	Yes	A	5	B0



ULTRA START
LIGHT DUTY

24 MONTH WARRANTY

ULTRA START
HEAVY DUTY

12/24 MONTH WARRANTY



Extra Start MF - Light & Heavy Duty



SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT MM	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT					
EXTRA START - AUTOMOTIVE LIGHT DUTY												
612ES	MF	50	450	75	207	175	190	190	Yes	A	2	B3
618ES	MF	38	350	60	207	175	175	175	Yes	A	2	B3/B4
628ES	MF	45	450	70	242	175	175	175	Yes	A	2	B3/B4
635ES	MF	45	450	70	242	175	175	175	Yes	A	1	B3/B4
637ES	MF	62	580	95	242	175	190	190	Yes	A	1	B3
643ES	MF	55	500	85	242	175	190	190	Yes	A	1	B3
645ES	MF	55	580	85	242	175	190	190	Yes	A	1	B3
646ES	MF	55	500	85	242	175	190	190	Yes	A	2	B3
647ES	MF	55	500	85	275	175	175	175	Yes	A	2	B3/B4
651ES	MF	66	630	105	278	175	175	175	Yes	A	2	B3/B4
652ES	MF	66	700	110	278	175	190	190	Yes	A	2	B3
652ESH	MF	72	630	120	278	175	190	190	Yes	A	2	B3
653ES	MF	75	730	125	278	175	190	190	Yes	A	1	B3
654ES	MF	80	780	135	278	175	175	175	Yes	A	2	B3/B4
657ES	MF	66	700	110	278	175	190	190	Yes	A	1	B3
657ESH	MF	72	630	125	278	175	190	190	Yes	A	1	B3
663ES	MF	88	760	150	353	175	190	190	Yes	A	2	B13
668ES	MF	80	780	135	310	175	190	190	Yes	A	2	B3/B4
669ES	MF	80	780	135	310	175	190	190	Yes	A	1	B3/B4
658ES	MF	88	760	150	353	175	190	190	Yes	A	2	B13
659ES	MF	88	760	150	353	175	190	190	Yes	A	1	B13

SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT MM	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT					
EXTRA START - HEAVY DUTY ENHANCED PERFORMANCE												
671ES	MF	95	770	165	345	175	205	230	Yes	A	1	B0 or B1
674ES	MF	95	770	165	345	175	205	230	Yes	A	2	B0 or B1
682ES	MF	120	800	235	513	189	196	220	Yes	A	5	B0
683ES	MF	120	800	235	513	189	196	220	Yes	A	4	B0
689ES	MF	135	935	235	513	223	196	223	Yes	A	4	B0
690ES	MF	135	935	235	513	223	196	223	Yes	A	5	B0
692ES	MF	155	1155	275	513	223	196	223	Yes	A	4	B0
696ES	MF	180	1300	330	513	223	196	223	Yes	A	4	B0
698ES	MF	180	1300	330	513	223	196	223	Yes	A	5	B0
698ESH	MF	200	1350	375	513	223	196	223	Yes	A	5	B0
688ES	MF	200	1350	375	514	276	215	242	Yes	A	5	B0
688ESH	MF	230	1400	435	514	276	215	242	Yes	A	5	B0

EXTRA START
LIGHT DUTY

24 MONTH WARRANTY

EXTRA START
HEAVY DUTY

12/24 MONTH WARRANTY



Polarity Configuration



Force EFB SMF - Start Stop Light & Heavy Duty



SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT MM	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT					
FORCE EFB - STOP START AUTOMOTIVE LIGHT DUTY												
646EFB	SMF	62	600	100	242	175	190	190	Yes	A	2	B13
652EFB	SMF	72	720	115	278	175	190	190	Yes	A	2	B13
668EFB	SMF	85	850	135	310	175	190	190	Yes	A	2	B13
658EFB	SMF	95	900	155	353	175	190	190	Yes	A	2	B13

SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT MM	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT					
FORCE EFB - STOP START: HEAVY DUTY												
696EFB	SMF	180	1200	360	513	223	196	223	Yes	A	4	B0
698EFB	SMF	180	1200	360	513	223	196	223	Yes	A	5	B0
688EFB	SMF	225	1320	450	514	276	215	242	Yes	A	5	B0
695EFB	SMF	225	1320	450	514	276	215	242	Yes	A	4	B0

FORCE EFB

LIGHT DUTY

24 MONTH WARRANTY

FORCE EFB

HEAVY DUTY

24 MONTH WARRANTY



Ultimate AGM SMF - Stop Start

SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT MM	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT					
ULTIMATE AGM STOP START: LIGHT DUTY												
646AGM	SMF	60	600	100	242	175	190	190	Yes	A	2	B13
652AGM	SMF	70	820	115	278	175	190	190	Yes	A	2	B13
668AGM	SMF	80	900	150	310	175	190	190	Yes	A	2	B13
658AGM	SMF	90	920	170	353	175	190	190	Yes	A	2	B13

SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT MM	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT					
ULTIMATE AGM STOP START: HEAVY DUTY												
686AGM	SMF	140	1100	265	513	189	196	223	Yes	A	4	B0
696AGM	SMF	170	1200	330	513	223	196	223	Yes	A	4	B0
695AGM	SMF	195	1300	365	518	274	215	242	Yes	A	4	B0
688AGM	SMF	220	1500	435	518	274	215	242	Yes	A	4	B0

ULTIMATE AGM

LIGHT DUTY

24 MONTH WARRANTY

ULTIMATE AGM

HEAVY DUTY

12/24 MONTH WARRANTY



AGM MF - Deep Cycle / Solar



SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT MM	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT					
AGM - DEEP CYCLE SOLAR												
12AGM7.2	SMF	7,2	-	13	151	65	91	99	Yes	A	Male	80
12AGM65	SMF	65	-	120	242	175	190	190	Yes	A	1	80
12AGM80	SMF	80	-	148	275	175	190	190	Yes	A	1	80
12AGM90	SMF	90	-	165	353	175	190	190	Yes	A	1	80
12AGM100	SMF	100	-	185	345	175	227	230	Yes	A	1	80
12AGM140	SMF	140	-	260	513	189	196	223	Yes	A	1	80
12AGM170	SMF	170	-	310	513	223	196	223	Yes	A	1	80
12AGM195	SMF	195	-	340	518	274	215	242	Yes	A	1	80
12AGM220	SMF	220	-	400	518	274	215	242	Yes	A	1	80

AGM DEEP CYCLE

LIGHT DUTY

12 MONTH WARRANTY

AGM DEEP CYCLE

HEAVY DUTY

12 MONTH WARRANTY



Multi-Purpose / Explorer Plus MF - Marine / Leisure

SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT MM	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT					
MULTI-PURPOSE: EXPLORER PLUS - MARINE / LEISURE												
M24PMFE	SMF	70	600	125	260	170	203	220	Yes	A	1 dual	80
M27PMFE	SMF	100	700	170	304	173	203	220	Yes	A	1 dual	80
M31PMFE	SMF	100	800	170	330	173	219	240	Yes	A	2 dual	80
M31PMFH	SMF	105	830	180	330	173	219	240	Yes	A	1 dual	80
M31PPMFHE	SMF	110	850	190	330	173	219	240	Yes	A	2 dual	80

EXPLORER PLUS

LIGHT DUTY

12 MONTH WARRANTY

EXPLORER PLUS

HEAVY DUTY

12 MONTH WARRANTY



Polarity Configuration



Multipurpose SMF / Extreme Series



SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT	MM				
MULTI PURPOSE BATTERIES: EXTREME SERIES												
M24PMF	SMF	75	650	132	260	173	205	226	Yes	DUAL	1	80
M27PMF	SMF	90	700	160	305	173	205	226	Yes	DUAL	1	80
M31PMF	SMF	110	800	195	331	173	220	240	Yes	DUAL	2	80
1150HC	SMF	102	800	180	331	173	220	240	Yes	SCREW	C	80
XTX20 JETSKI	MF	18	260	23	181	76	167	167	Yes	-	-	80
XTX30 JETSKI	MF	28	280	35	175	165	127	127	Yes	-	-	80

SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		Ah	CCA	RC	LENGTH	WIDTH	HEIGHT	MM				
STATIONARY/BACK UP/UPS BATTERIES: AGM/GEL - VRLA												
12TE105	SMF	110	800	195	330	174	226	243	Yes	SCREW	C	80
12TE220	SMF	220	1300	430	525	275	228	245	Yes	SCREW	C	80
12GEL100	SMF	105	-	195	329	172	214	236	Yes	A	RT	80
12GEL200	SMF	220	-	400	522	240	235	235	Yes	A	RT	80
12AGM100 VRLA	SMF	105	-	-	340	173	220	220	YES	SCREW	2	80

MULTIPURPOSE

LIGHT DUTY

12 MONTH WARRANTY

DEEP CYCLE

HEAVY DUTY

12 MONTH WARRANTY



Monbat Industrial Deep Cycle MF - Golf Cart / Forklift

SABMA NUMBER	BATTERY TYPE	CAPACITIES*			DIMENSIONS MM			TOTAL HEIGHT	HANDLE	POST TYPE	TERMINAL POLARITY	BASE TYPE
		C20 Ah	C5 Ah	RC	LENGTH	WIDTH	HEIGHT	MM				
MULTI PURPOSE BATTERIES: EXTREME SERIES												
MP 6V US	MF	210	175	430	261	181	245	276	Yes	DUAL	2	80
MP 6V	MF	240	185	500	244	190	274	274	Yes	DUAL	6	80
MP 305	MF	330	270	630	305	186	335	365	Yes	DUAL	2	80
MP 8V US	MF	175	145	302	261	181	248	276	Yes	DUAL	2	80
MP 24DC	MF	80	65	130	260	175	198	220	Yes	DUAL	1	80
MP 27DC	MF	95	75	170	304	173	198	220	Yes	DUAL	1	80
MP 31DC	MF	110	90	200	336	173	219	235	Yes	DUAL	1	80
MP GC12	MF	130	105	210	345	175	265	285	Yes	DUAL	1	80

MONBAT DEEP CYCLE

HEAVY DUTY

12 MONTH WARRANTY

MONBAT DEEP CYCLE

HEAVY DUTY

12 MONTH WARRANTY



If the battery is discharged but not dead it can be jump-started from another fully charged battery, either on a donor vehicle or stand-alone and with the use of suitable jump leads.

Important Warning:

Refer to the vehicle manufacturer manual for specific jump-starting instructions.

Jump-starting can cause severe damage to the vehicle's electronic system. Responsibility for any damage or injury caused using this procedure remains totally with the user/consumer.

Make sure the vehicles do not touch, then proceed with these exact steps:

STEP 1

Only use batteries suitable for the vehicle's electrical system with the same rated voltage.

STEP 2

Switch off both engines and all electrical accessories.

STEP 3

First connect the red jump lead to the positive terminal of the flat battery, and then attach the clamp at the other end of the red jump lead to the donor battery positive terminal.

STEP 4

Then connect the black jump lead to the negative terminal on the donor vehicle before attaching the free end of the black jump lead to a metal part on the body of the vehicle with the flat battery. The best area may be the engine block (see vehicle manufacturer instructions).

STEP 5

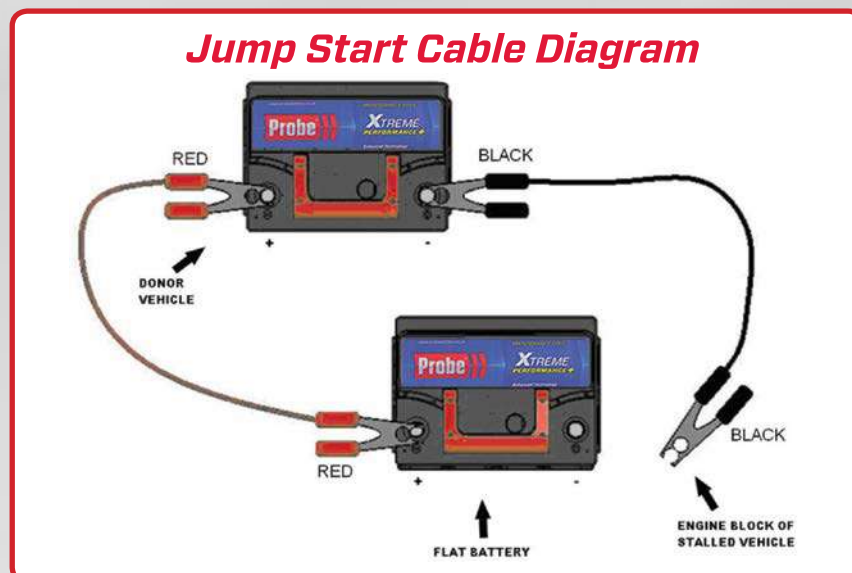
Make certain that the jump leads are kept away from the exhaust or the drive belt of the vehicle.

STEP 6

Start the engine of the donor vehicle and then start the engine of the vehicle with the flat battery (max. 15 seconds) and let it run.

STEP 7

Remove the cables in the reverse order they were connected.



Do

1. Store the battery in a clean dry area
2. Wear protective clothing always when working with batteries
3. Ensure correct polarity connection when recharging and fitting
4. Store batteries in fully charged state (12 V Battery above 12.4 V)
5. Follow correct charging schedules to prevent overcharging. Charging must be in a well ventilated area.
6. Maintain battery clean and dry with terminals coated with petroleum jelly (Vaseline) or terminal protectors. Never use recycled grease as it may contain metal fragments or additives. Avoid using grease in general.
7. Stock rotation must be practised on a first-in and first-out system at all times.

Don't

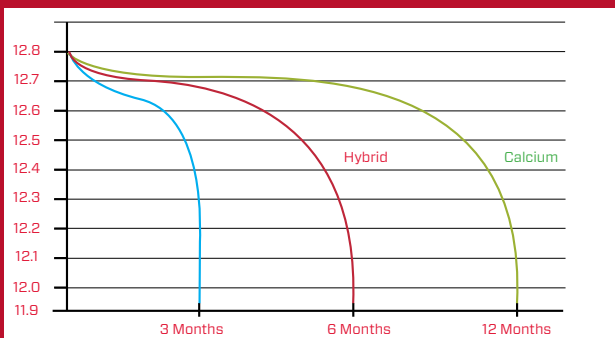
1. Store the batteries in a discharged state. It will sulphate and eventually never accept charge.
2. Leave metal objects on top of a battery which can result in sparks and even pose risk of explosion if circuit is completed.
3. Lean over a battery during charging or testing, as an explosion may pose harm to individual or those around the battery.
4. Test batteries by shorting across terminals. Some use wires and spanners. Usually the sparks produced will damage the terminals and also pose a risk of shocking individuals.
5. Allow open flames or sparks near a battery. Heating to certain temperatures can cause a build-up of pressure in the battery which results in explosions. Also note that the gases from a battery are flammable and explosive.
6. Use a single spanner to loosen or tighten the terminal clamp. The post lid seal can be damaged. A spanner to the nut and second spanner to the bolt is recommended.
7. Leave the vehicle parked with accessories switched on for extended periods. This will drain your battery.

BATTERY TYPE	AUTOMOTIVE	BUSES	OFF ROAD/ EARTH MOVING	ON ROAD TRUCKS	BOAT	CARAVAN	REPEATER STATION BACKUP	EMERGENCY LIGHTS	SOLAR PANEL BACKUP
PERFORMANCE LIGHT DUTY	24 Month Warranty				24 Month Warranty				
PERFORMANCE + HEAVY DUTY		24 Month Warranty	12 Month Warranty	24 Month Warranty					
ULTRA START LIGHT DUTY	24 Month Warranty								
ULTRA START HEAVY DUTY		24 Month Warranty	12 Month Warranty	24 Month Warranty					
PLUS XHD LIGHT DUTY		24 Month Warranty	12 Month Warranty	24 Month Warranty					
PLUS XHD HEAVY DUTY		24 Month Warranty	12 Month Warranty	24 Month Warranty					
EXTRA START LIGHT DUTY	24 Month Warranty								
EXTRA START HEAVY DUTY		24 Month Warranty	12 Month Warranty	24 Month Warranty					
FORCE EFB LIGHT DUTY	24 Month Warranty								
FORCE EFB HEAVY DUTY		24 Month Warranty	12 Month Warranty	24 Month Warranty					
ULTIMATE AGM LIGHT DUTY	24 Month Warranty								
ULTIMATE AGM HEAVY DUTY		24 Month Warranty	12 Month Warranty	24 Month Warranty					
DEEP CYCLE - AGM LIGHT DUTY					12 Month Warranty	12 Month Warranty	12 Month Warranty	12 Month Warranty	12 Month Warranty
DEEP CYCLE - AGM HEAVY DUTY					12 Month Warranty	12 Month Warranty	12 Month Warranty	12 Month Warranty	12 Month Warranty
EXPLORER LIGHT DUTY					12 Month Warranty	12 Month Warranty	12 Month Warranty	12 Month Warranty	12 Month Warranty
EXPLORER HEAVY DUTY					12 Month Warranty	12 Month Warranty	12 Month Warranty	12 Month Warranty	12 Month Warranty
MULTIPURPOSE LIGHT DUTY					12 Month Warranty	12 Month Warranty	12 Month Warranty	12 Month Warranty	12 Month Warranty
DEEP CYCLE HEAVY DUTY					12 Month Warranty	12 Month Warranty	12 Month Warranty	12 Month Warranty	12 Month Warranty
VRLA-AGM STATIONARY					12/24 Month Warranty	12/24 Month Warranty	12/24 Month Warranty	12/24 Month Warranty	12/24 Month Warranty

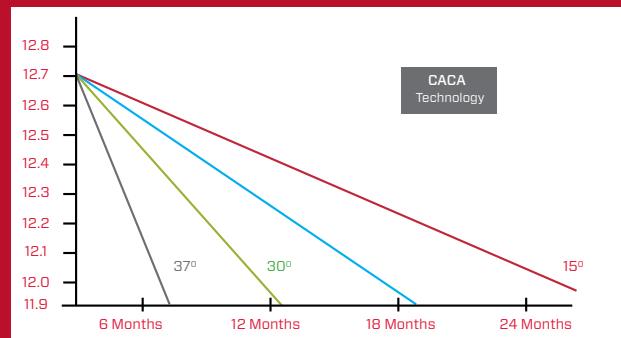
Battery Performance

Probe batteries calcium plates offer a longer shelf life due to low shelf discharge rates.

DISCHARGE



TEMPERATURE DISCHARGE



STEP 1

VISUAL INSPECTION

(Batteries with a Magic Eye)



- * If the battery does not have a magic eye, please go to step 2
- All Probe Batteries will either have a Serialised Warranty Card attached to the battery, which corresponds to an engraved serial number on the battery or a Serial Label on the casing of the battery. In addition each battery will be DATE STAMPED when sold.
- The above warranty periods will only be applicable from DATE STAMP PC15 onwards. Any product prior to this DATE STAMP, code PC15, will be honoured under the previous warranty period's requirements.
- If there is NO SERIAL ENGRAVING OR LABEL on the battery, but the battery has a DATE STAMP, for example PD12 (P = Probe, D = Month of purchase - April, 12 = Year), then the DATE STAMP date applies.
- If there is NO SERIAL ENGRAVING OR LABEL on the battery or the SERIAL ENGRAVING OR LABEL has been tampered with and there is no DATE STAMP on the battery or the DATE STAMP has been tampered with, then NO WARRANTY APPLIES.
- Check the casing, terminals and state - of - charge indicator (Magic Eye) for obvious damage, tampering or abuse. There will be NO WARRANTY if the casing is damaged, swollen (indicating overcharge conditions), terminal abused or arced and Magic Eye has been removed or tampered with.
- Check COLOUR of Magic Eye after shaking the battery in order to mix electrolyte (be aware of the different types depending on models, but procedure remains the same). If the Magic Eye indicates OVERCHARGED then NO WARRANTY APPLIES.
- Check COLOUR of Magic Eye after shaking the battery in order to mix electrolyte (be aware of the different types depending on models - but procedure remains the same). If the Magic Eye indicates RECHARGE then NO WARRANTY APPLIES and proper charging procedures should be adopted (see step 4)
- If battery Magic Eye does not display any of the above conditions follow the guidelines in STEP 2 and STEP 3 and thereafter STEP 4 should be followed.

Use Magic Eye to confirm results of possible claim:

- If Magic Eye is GREEN and open circuit voltage less than 12.1V and after charge battery remains below capacity then the battery is FAULTY (DEAD CELL), REPLACE UNDER WARRANTY.
- If Magic Eye is WHITE/RED/BLACK, follow instructions on battery label.
- If Magic Eye shows CHARGE, battery is GOOD and needs a charge and must be re - tested after charge.
- If Magic Eye turns GREEN and battery open circuit voltage is greater than 12.5V, then NO WARRANTY applies and return battery into service or to customer.
- If Magic Eye shows OVERCHARGED, battery has been overcharged due to alternator irregularities, malfunction problems, exposure to excessive heat or possible thermal run away - NO WARRANTY applies. Check that Alternator is charging within specification.

STEP 2

ELECTRICAL BATTERY TEST

Use a suitable ELECTRONIC TESTER to test the battery to confirm results relating to a possible warranty claim:

- If the Magic Eye is GREEN and the open circuit voltage between 12.1V and 12.5V, then battery is GOOD and needs a charge. After charge, test again and if GOOD return into service.
- If the Magic Eye is BLACK/WHITE and shows RECHARGE and the open circuit voltage is below 12.1V, proceed to recharge. If after recharge the open circuit voltage recovers over 12.5V and the CCA reading is lower than battery specifications, this would indicate that the battery has been over - used and/or deeply discharged. Such CCA deficit is a typical indication of the state of health of the battery whereby the battery has been kept in a deeply discharged state for an extended period of time causing sulphation of the battery plates. This condition is normally irreversible. NO WARRANTY applies.
- If the Magic Eye is GREEN and the open circuit voltage between 12.1V and 12.5V, then battery needs a charge. If after recharge, the CCA readings are lower than battery specifications then the WARRANTY APPLIES, subject to the first date of purchase being stamped > the new battery and proof of purchase is provided.

- If the Magic Eye is GREEN/BLACK/WHITE and shows RECHARGE, proceed to recharge. If after recharge, the open circuit voltage does not recover and remains below 12V, this means that there is possibly a dead cell or open circuit in which case, the WARRANTY APPLIES provided the first date of purchase is stamped > the new battery and proof of purchase is provided.

STEP 3

ELECTRONIC TESTER USER GUIDELINE

There are various models of Electronic Testers available. Be aware of CCA settings - SAE/BCI, IEC, DIN and EN. Probe Batteries label ratings are SAE/BCI standards.

- Connect tester clamps to battery terminals. Connection directly >to Stud Type Stainless Steel Terminals or Dirty Terminals or Terminals with Grease/corrosion or Altered Terminals will impair readings. Good connection to lead part of posts is essential to achieve accurate results.
- Set CCA ratings - select SAE/BCI setting and follows election instructions.
- The tester results and Magic Eye status after re - charging need to be collated and assesment made regarding warranty authenticity.

STEP 4

PROBE BATTERY WARRANTY CLAIM

- After following STEP 1, 2 and 3 and the battery appears to be subject to a possible claim, complete the Probe Battery Warranty Claim Request form and return to Probe or Accredited Dealer for testing of battery and possible approval of warranty replacement.

THIS WARRANTY IS VOID IF FAILURE HAS RESULTED FROM ANY OF THE BELOW:

- Abuse/Misuse**
Cracked casings, damaged terminals among others
- Neglect/Excessive discharge**
Evident in premature plate distortion and/or plate paste deterioration
- Improper Charging**
Evident in premature plate distortion and/or plate paste deterioration
- Defective/Irregular Charging Voltage Regulation, Improper Use/Misapplication**
Including incorrect over or under charging or accident
- Failure to keep the battery properly charged or maintained**
Evident in plate sulphation
- Cycling at depths of discharge in excess of 20% of nominal capacity of the battery for more than 365 cycles**
Operating the battery below 0°C or above 35°C; or use in automotive vehicles or equipment without proper operating, starting or charging systems; use of the battery in continuous shift; overheating; overfilling; tipping over; missing or loose vent caps or visual "state - of - charge" indicators or lids/vent cap covers, if applicable; use of battery acid additives; excessive use and abnormal wear and tear during the Warranty Term (including commercial and industrial use)
- Use in a vehicle or equipment fitted with additional or non standard/factory fitted electrical extras**
For example alarms, immobilisers, tracking devices, air conditioners, radios and any other electronic/electrical devices.
- Environmental conditions or any other damage arising from:**
Inter alia, environmental conditions or any other damage arising inter alia, accident/collision, fire, extreme heat, explosion, freezing, theft, civil commotion, labour/political unrest or rioting, Acts of God, government wars, embargoes or shortages or delays/damages or loss during transit or where PROBE CORPORATION reasonably determines that the Battery has been repaired or altered
- Explosion**
Application of an over voltage for a long period of time (even if the charging current is minimal) causes a loss of water in the electrolyte by disassociating the water of the electrolyte into hydrogen and oxygen gases which escape into the atmosphere with eventual drying up and/or overheating of the battery with serious damaging effects. In this regard, loss of electrolyte due to either overcharging, age of the battery, tipping over or overheating thereof, will create an excess of free explosive gas in the battery chamber and obvious eventual exposure of the plates and internal connections to the gas. In such a case, should the battery be subjected to delivery of energy, i.e. flow of current, an explosion will be generated with consequential internal and external damage, even if a minimal spark generated occurs in the exposed parts of the plates and internal connectors. Consequently No Warranty applies in such a case.



FEATURES AND BENEFITS

Integrated Handle Makes handling easy while retaining a low profile when not in use.

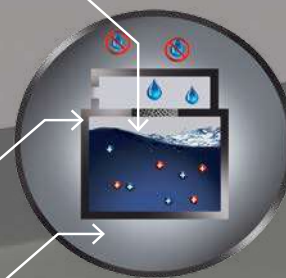
Magic Eye The battery equivalent of a fuel Gauge - indicating the state of charge of the battery.



FULLY CHARGED RECHARGE OVERCHARGED



Built - in Flame Arrestor Filter In addition to preventing sparks from entering the battery, a porous plug provides controlled airflow and pressure relief while reducing the risk of acid spillage.

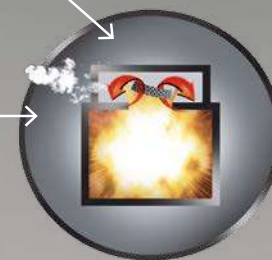


Breather A small opening allows vented gases to escape while the double chamber lid contains electrolyte overflow.

Electrolyte Expands and contracts under normal operating conditions and may emit hydrogen gas if overcharged.

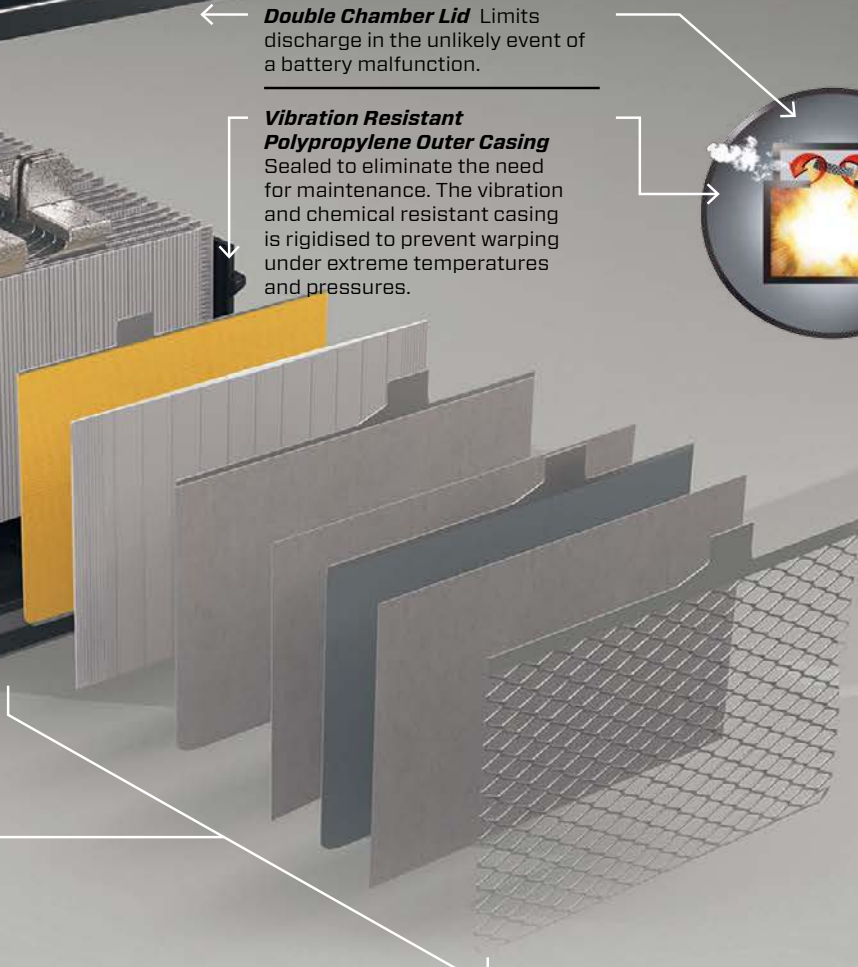
Double Chamber Lid Limits discharge in the unlikely event of a battery malfunction.

Vibration Resistant Polypropylene Outer Casing Sealed to eliminate the need for maintenance. The vibration and chemical resistant casing is rigidised to prevent warping under extreme temperatures and pressures.



Mounting Adaptors To suit vehicle manufacturer's specifications.

Specialised Multi - plate Cells Probe batteries use calcium plates to reduce maintenance and prolong shelf and operational lifespan. Our calcium/calcium batteries take this to the extreme and glass mat and gel cater for specialised applications. Our range includes technical specifications to suit every application and budget.



Schumacher®

BATTERY CHARGERS | TESTERS | JUMP STARTERS | BOOSTERS



BUILT TO PERFORM.

BUILT TO LAST.



LITHIUM
Jump Starters



LITHIUM
Jump Starters

SCHUMACHER
LED Work Lights



94065100i



94500772



94065080



94500815



94500816

ITEMS	MODELS / PART NO.
SL65	Lithium Jump Starter 12V, Red Fuel Motorcycle / 94065100i
SL66	Power-Sports Jump Starter Cable / 94500772
SL1	Lithium Jump Starter 12V, Red Fuel / 94065080
SL2	Lithium Jump Starter 12V, Red Fuel / 94065205i

ITEMS
SL162BU
SL137RU

BATTERY TESTERS & Accessories



SBT



940261128

940261243

ITEMS	MODELS / PART NO.
OBD-L	Memory Saver OBD-L / 940261086
BT 175	Battery Tester BT175 / 940261128



BATTERY CHARGERS



94065049C

94065104C

ITEMS	MODELS / PART NO.
SPI 1	SPI 6/12V-1A / 94065104C
SPI 2	SPI 6/12V-2A / 94065049C
SPI 3	SPI 12V-3A / 94065050C



BATTERY CHARGERS



94065091C

ITEMS	MODELS / PART NO.
SPI 6	SPI 12V-6A / 94065091C
SPI 10	SPI 12V-10A / 94065092C
SPI 10-24	SPI 24V-10A / 94065119C
SPI 15	SPI 12V-15A / 94065105i
SPI 1224	SPI 12/24V-15/10A / 94065194C



360°

LED CORDLESS WORK LIGHTS
+ MAGNETIC TORCH

MODELS / PART NO.
Worklight-Black-300LM-Lithium / 94500815
Worklight-Red-600LM-Lithium / 94500816



BATTERY TESTERS & Accessories



94080041A

940261086

ITEMS	MODELS / PART NO.
SBT 1	Smart Battery Tester / 940261243
PST 900X	Digital Battery Analyzer with Printer / 94080041A
BT 55	Battery Tester BT55 / 940261175



Probe
The Complete Power Package

E-Mail
probe@probegroup.co.za

Telephone
+27 (0) 11 453 0924

Address
245 Albert Amon Street,
Meadowdale, Germiston, South Africa

Schumacher

www.schumacher.co.za

HEAVY DUTY Battery Chargers



94065007C



94065033C

ITEMS	MODELS / PART NO.
SCI 90	SCI90 - 6/12V-90A / 94065007C
INC 100	Battery Support Unit 100A / 94065033C

SCHUMACHER Lead Acid Booster



94065200C



94065201C



94080069

ITEMS	MODELS / NO.
PBI 200	BOOSTER 12V Premium / 065200C
PBI201	BOOSTER 12/24V Premium / 94065201C

ITEMS
DSR108
DSR109
310900
311200

SOS Booster®



ITEMS	MODELS
861044	MINI 12V/440CA
861040	MINI 12V/440CA Moto
861001	MINI 12V/440CA
861003	MINI 12V/440CA Moto
861002	SOS Micro 12V-800CA
861011	MICRO 12V/1000CA
860003	SOS 12V/1200CA
861007	SOS 12V/1600CA
761001	SOS 12/24V-1400/700CA
761006	SOS 12/24V-1600/800CA
760008	SOS 12/24V-2400/1200CA
760005	SOS 24V/1200CA

PROPULSTATION®
Boosters



ITEMS	MODELS
521002 AC or DC	PROPULS 12V/800CA
520003 AC or DC	PROPULS 12V/1200CA
520008 AC or DC	PROPULS 12/24V-2400/1200CA
520005 AC or DC	PROPULS 24V/1200CA
560000 AC	PPS MOBILE 12/24V-3200/1600CA
560002 AC	PPS MOBILE 24V/1600CA
560001 AC	PPS MOBILE 12/24V-6400/3200CA
860000	SOS 6/12V-1700/850CA
860011	SOS 6V-850CA



521002 AC/DC



520003 AC/DC



560000 AC



ULTRACAP / HYBRID
Jump Starters



310900



311200



MODELS / PART NO.

12V 450A Super Cap Jump Starter / 94080069
12V 800A Super Cap Jump Starter / 94080070
Hybrid 12V-900A / 310900
Hybrid 12V-1200A / 311200

SOS BOOSTER®
AVIO



861044



760008

ITEMS	MODELS
960000	MOBILE 12/24V-3200/1600CA
960001	MOBILE 12/24V-6400/3200CA
960002	MOBILE 24V/1600CA
860000	SOS 6/12V-1700/850CA
860011	SOS 6V-850CA
760010	SOS Portable 12/24/28V-1200CA
960011	SOS Mobile 12/24/28V-1600CA
960010	SOS Mobile 12/24/28V-3200CA



960000

PASSENGER VEHICLES

ALFA ROMEO					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALFETTA SEDAN, EXEC, GTV2000, GIULIETTA	1978 - 1983	621	639	1	MF
VELOC 1.5	1980 - 1985	628		1	MF
ALFETTA AUTOMATIC	1981 - 1983	622	628	1	MF
SPRINT	1981 - 1983	611		1	MF
2,0L GTV SPRINT & EXPORT MODELS	1981 - 1983	621	639	1	MF
2,5 GTV 6, ALFA 6 & 3,0 L & GTV 6	1982 - 1985	647	646	1	MF
GTV 6	1982 - 1985	638		1	MF
33	1983 - 1985	639	621	1	MF
ALFETTA 1591, SPRINT MK 3	1983 - 1985	621	639	1	MF
33 TI WITH A/C, GIULIETTA GOLD & SILVER	1983 - 1985	646	652	1	MF
SPRINT MK3	1983 - 1985	639		1	MF
33 & 155, 164 TS SUPER, 3 0 L V6 & 164 QUAD	1993 >	647		1	MF
GTV, SPIDER	1993 >	652	651	1	MF
155	1993 >	628		1	MF
164 QUAD	1993 >	647		1	MF
164 TS SUPER3.0 V6	1993 >	643		1	MF
33 ALL MODELS	1993 >	628		1	MF
QUAD 145, 2.0 TWIN, 146, SPORT 155, 155V6 AND 164 QUAD, FORT	1995 >	628	652	1	MF
155 V6 & 164 QUAD FORT	1995 >	628	646	1	MF
145 QUAD 2.0L TWIN LL	1995 >	628		1	MF
146 SPORT 155, 155 V6 GTV	1995 >	647		1	MF
156 - 2.0, 2.5 V6, SPORTWAGON	1998 >	646	652	1	MF
156	1998 >	652		1	MF
147 - 1.6, 2.0 SELESPEED	2000 >	646	651	1	MF
166 V6 3.0 SPORTTRONIC, GTV	2000 >	668		1	MF
1660 V6 APORTTRONIC GTV	2000 >	658		1	MF
147 T SPARK 1.6	2001 >	647		1	MF
1.6 T SPARK	2002 >	646		1	MF
156 GTA ALL MODELS	2003 >	646		1	MF
GTV 3.2 AC PS	2004 >	646		1	MF
SPIDER 2.0 TS AC PS	2004 >	646		1	MF
SPIDER 3.2 AC PS	2004 >	646		1	MF
ALL MODELS INCLUDING DIESELS	2004 - 2006	646	651	1	MF
159 GTA	2005 >	651		1	MF
3.2 GTV V6	2005 >	646		1	MF
SPIDER 2.0	2005 >	651		1	MF
SPIDER 3.2 V6	2005 >	651		1	MF
159 3.2 V6 Q4	2006 >	646		1	MF
159 2.4 JTDM Q TRONOC	2007 >	663		1	MF
SPORTS	2007 >	646		1	MF
147 GTA ALL MODELS	2007 >	646		1	MF
159 ALL MODELS	2007 >	668		1	MF
BRERA ALL MODELS	2007 >	668		1	MF
GT ALL MODELS	2007 >	668		1	MF
SPIDER ALL MODELS	2007 >	668		1	MF
BRERA	2008 >	646		1	MF
GT Q2	2008 >	646		1	MF

PASSENGER VEHICLES

ALFA ROMEO					
Model Name	Year	Battery	Alternative	Quantity	Technology
MITO 1.3	2010 >	646		1	MF
GIULETTA START / STOP	2011 >	652		1	MF
MITO START /STOP	2011 >	652		1	MF
ALFA DIESEL	2012 >	668	652	1	MF
4C LAUNCH ADDITION	2014 >	646		1	MF
4C PRODUCTION VERSION	2014 >	646		1	MF
GIULETTA 1,4 DISTINCTIVE MULTIAIR 125KW	2014 >	652		1	MF
GIULETTA 1,4 DISTINCTIVE TCT 125KW	2014 >	652		1	MF
GIULIETTA 1,4 PROGRESSION 88KW	2014 >	652		1	MF
GIULIETTA QUATROFOGLIO VERDE 173KW	2014 >	646		1	MF
MITO 1,4 DISTINCTIVE TB	2014 >	652		1	MF
MITO 1,4 DISTINCTIVE TCT	2014 >	652		1	MF
MITO 1,4 PROGRESSION MULTIAIR	2014 >	652		1	MF
MITO 1,4 PROGRESSION TB	2014 >	652		1	MF
MITO 1,4 QUADROFOGLIO VERDE	2014 >	652		1	MF
MITO 1,4 QUADROFOGLIO VERDE SPORT	2014 >	652		1	MF
MITO 1,4 QUADROFOGLIO VERDE TB	2014 >	652		1	MF
MITO DISTINCTIVE 100KW	2014 >	646		1	MF
MITO DISTINCTIVE TCT 125KW	2014 >	646		1	MF
MITO QV 125KW	2014 >	646		1	MF
MITO QV TCT 125KW	2014 >	646		1	MF
4C SPIDER	2015 >	646		1	MF
GIULETTA 1,4 T M/AIR CF6 EXCLUSIVE 4P 125KW	2015 >	652		1	MF
GIULETTA 1750 QV TCT	2015 >	646		1	MF
GIULETTA	2015 >	652		1	MF
MITO	2015 >	652		1	MF

ASIA					
Model Name	Year	Battery	Alternative	Quantity	Technology
ROCSTA PETROL	1996 >	621	639	1	MF
ROCSTA DIESEL	1996 >	650	652	1	MF

ASTON MARTIN					
Model Name	Year	Battery	Alternative	Quantity	Technology
DB 7 V12 VANTAGE /VOLANTE	2005 >	657		1	AGM
DB9 COUPE	2007 >	657		1	AGM
DB9 VOLANTE	2007 >	657		1	AGM
VANQUISH S	2007 >	657		1	AGM
VANTAGE	2007 >	657		1	AGM
VANTAGE SPORTSHIFT	2007 >	657		1	AGM
VANTAGE ROADSTER	2007 >	657		1	AGM
VANTAGE ROADSTER SPORT SHIFT	2007 >	657		1	AGM
DB 8	2008 >	657		1	AGM
ALL MODELS	2010 >	658		1	AGM

PASSENGER VEHICLES

AUDI					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	1967 - 1985	650		1	MF
ALL MODELS 100, 200, 500, 500E, 500SE	1981 - 1994	647		1	MF
A3 AND A3 TURBO	1995 >	647		1	MF
ALL MODELS A4, A6, A8, QUATTRO'S COUPE'S AND CABRIO'S	1995 - 1999	652		1	MF
A4 ,A6 ,A8 & S6 QUATTRO	1995 - 2000	652		1	MF
A3 TURBO ,FSI & TDI	1995 - 2006	646		1	MF
A3 1.8 AND 1.8 TURBO, S3	1997 >	646	658	1	MF
ALL MODELS A4, A6, A8, QUATTRO'S, COUPE'S AND CABRIO'S	2000 >	652		1	MF
TT	2001 >	646	658	1	MF
S4 QUATTRO & AVANTE	2004	646		1	MF
TT ROADSTERS	2004 >	646	651	1	MF
ALL MODELS INCLUDING DIESELS	2004 >	646		1	MF
A3 ALL MODELS - FSI & TDI	2004 >	646		1	MF
A4 1.8T AVANT , 1.9 TDI AVANT & 2.5 TDI AVANT QUATTRO	2004 >	652		1	MF
A4 ALL MODELS QUATTRO & 2.5 TDI QUATTRO	2004 >	652		1	MF
A6 ALL MODELS	2004 >	652		1	MF
RS6 QUATTRO & AVANTE	2004 >	652		1	MF
TT ROADSTERS 1.8T	2004 >	652		1	MF
A8 ALL MODELS	2004 - 2005	652		1	MF
TT COUPE 1.8T QUATTRO AC PS & 1.8	2004 - 2006	658		1	MF
3.2 FSI MULTITRONIC	2005 >	652		1	MF
3.2 FSI MULTITRONIC	2005 >	652		1	MF
AUDI A3 2.0 FSL ALL MODELS	2005 >	646		1	MF
A3 2.0 TDI AMBITION	2005 >	652		1	MF
A8 QUATTRO 4.2 TIPTRONIC	2005 >	658		1	MF
RS6 QUATTRO & AVANTE	2005 >	658		1	MF
S4 QUATTRO & AVANTE	2005 >	658		1	MF
TT ROADSTER QUATTRO 1.8	2005 >	646		1	MF
AUDI RS4 ALL MODELS	2007 >	658		1	MF
A3 ALL MODELS	2007 >	652	658	1	MF
A8 ALL MODELS	2007 >	658		1	MF
A3	2007 >	652		1	MF
A3 SPORTBACK ALL MODELS	2007 >	652	668	1	MF
A4 ALL MODELS	2007 >	652	668	1	MF
A4 2.0 TDI 125 KW	2007 >	652		1	MF
A4 CABRIO ALL MODELS	2007 >	652		1	MF
A6 ALL MODELS	2007 >	658		1	MF
Q7 ALL MODELS	2007 >	658		1	MF
S6 QUATTRO TIPTRONIC	2007 >	658		1	MF
TT ROADSTER 2.0 FSI S TRONIC & 3.2 QUATTRO	2007 >	646		1	MF
S8 QUATTRO TIPTRONIC	2007 >	652		1	MF
TT COUPE ALL MODELS	2007 >	646		1	MF
TT ROADSTER ALL MODELS	2007 >	646		1	MF
R8 FSI ALL MODELS	2007 >	668		1	MF
S3 QUATTRO	2007 - 2009	646		1	MF
3.0 TDI QUATTRO TIPTRONIC	2008 >	668		1	MF

PASSENGER VEHICLES

AUDI					
Model Name	Year	Battery	Alternative	Quantity	Technology
A4 2.0 FSI QUATTRO	2008 >	652		1	MF
A4 ATTRACTION	2008 >	668		1	MF
A5 2.0 T MANUAL	2008 >	652	668	1	MF
A5 3.0 TDI TIPTRONIC QUATTRO	2008 >	653	668	1	MF
A5 3.2 TIPTRONIC QUATTRO	2008 >	654	668	1	MF
A6 2.8 FSI	2008 >	656	668	1	MF
S5 QUATTRO	2008 >	652		1	MF
A4	2009 >	668		1	MF
RS6 5.0T TIPTRONIC	2009 >	668		1	MF
TTS	2009 >	652		1	MF
S5 SB 3.0 T FSI S - TRONIC	2010 >	668		1	MF
A5 SPORTS BACK	2010 >	668		1	MF
A5 COUPE	2010 >	668		1	MF
A5 CABRIO	2010 >	668		1	MF
8	2010 >	658		1	MF
Q5	2010 >	658		1	MF
Q7 ALL	2009 >	658		1	AGM
Q7	2010 >	658		1	MF
TURBO MODELS	2010 >	621		1	MF
AUDI SOME MODELS	2010 >	658		1	MF
A1 ALL	2010 >	652		1	AGM
A8	2011 >	658		1	AGM
Q3 ALL	2011 >	652	668	1	AGM
A3 ALL MODELS	2012 >	652	668	1	AGM
A4 1.8	2012 >	652	668	1	AGM
A4 ALL DIESEL MODELS	2012 >	668	658	1	AGM
A5 2L PETROL	2012 >	652	668	1	AGM
Q5 2L PETROL	2012 >	668	658	1	MF
Q5 ALL DIESEL AND 3L PETROL	2012 >	668	658	1	AGM
A5 DIESEL AND 3L PETROL	2012 >	658		1	AGM
A7	2012 >	658		1	AGM
A6 ALL MODELS	2013 >	658		1	AGM
S4 QUATTRO	2014 >	668		1	MF
A4 SEDAN	2015 >	668		1	MF

BENTLY					
Model Name	Year	Battery	Alternative	Quantity	Technology
TURBO MODELS	1967 - 1985	621	639	1	MF
ALL MODELS	1967 - 1985	650		1	MF
SOME MODELS	1967 - 1985	658		1	MF
ARNAGE	2010 >	658		1	MF
AZURE	2010 >	658		1	MF
BROOKLANDS	2010 >	658		1	MF
CONTINENTAL FLYING SPUR	2010 >	658		1	MF
CONTINENTAL	2010 >	658		1	MF
ALL MODELS	2012 >	1 x 636 + 658		2	AGM

PASSENGER VEHICLES

BMW					
Model Name	Year	Battery	Alternative	Quantity	Technology
518, 520	1974 - 1980	628		1	MF
ALL 5 & 7 SERIES INCL.635, 635 CSI	1974 - 1989	652		1	MF
5 SERIES (E34) (E28)	1975 - 1989	651	652	1	MF
3,0 L	1977 - 1980	639	621	1	MF
635 CSI ,535	1980 >	652		1	MF
535	1980 - 1989	652		1	MF
518 & 520	1981 - 1983	646		1	MF
518, 520	1982 - 1983	646		1	MF
7 SERIES (E32)	1982 - 1989	652		1	MF
316, 318 (E30)	1983 - 1991	628	652	1	MF
ALL MODELS 316I, 318, 320I, 323I, 325I (BU86 & 87)	1983 - 1991	651	652	1	MF
316	1983 - 1991	628		1	MF
320 ,323 ,325 , 333	1983 - 1991	651		1	MF
316I,318 (BU87)	1983 - 1991	651		1	MF
320323325	1983 - 1991	651		1	MF
320I,323I(BU 86,87)	1983 - 1991	652		1	MF
361I	1983 - 1991	651	652	1	MF
7 SERIES (E32)	1988 >	654		1	MF
535	1990 >	654		1	MF
525, 528, 530, 535	1990 >	654		1	MF
3 SERIES (E36)	1991 - 1998	651		1	MF
325TDS (DIESEL)	1991 - 1998	654	658	1	MF
8 SERIES (E31)	1991 - 1998	651		2	MF
3 SERIES (E36) & 46	1991 - 2005	651	654	1	MF
3 SERIES TDI ROADSTER DIESEL	1996 >	654		1	MF
E46 318I, 320I STANDARD ELECTRICS	1998 >	667	652	1	MF
E46 318I, 320I WITH ELEC ACCESSORIES	1998 >	667	652	1	MF
E46 325I, 328I	1998 >	668	652	1	MF
Z3 ROADSTER & 325 TDS (DIESEL)	1997 - 1999	658		1	MF
Z3 ROADSTER	1997 - 1999	652	654	1	MF
E46 320D & 330D	1999 >	668	652	1	MF
Z3 ROADSTER	1999 >	652	658	1	MF
316	1999 >	651	652	1	MF
316,318 4 CYLINDER(E46)	1999 >	652		1	MF
320 DIESEL 4 CYLINDER (E46)	1999 >	668		1	MF
320 DIESEL 4 / 6 CYLINDER	1999 >	658		1	MF
330 DIESEL 6 CYLINDER (E46)	1999 >	668		1	MF
525I, 530I, 530D, 540, M5	2000 >	668	658	1	MF
E46 330I	2001 >	668	652	1	MF
X5	2001 >	668	658	1	MF
735I, 740I, 750IL	2001 >	OE		1	MF
540	2001 >	658		1	MF
525I, 530I, 530D, 540, M5	2001 >	658		1	MF
525I,530I,530D,540,M5,530D	2001 >	658		1	MF
530I	2001 >	658		1	MF
MINI, MINI COOPER & S	2002 >	628	646	1	MF
X5	2004 >	658	659	1	MF

PASSENGER VEHICLES

BMW					
Model Name	Year	Battery	Alternative	Quantity	Technology
E90 3 SERIES	2004 >	OE	652	1	MF
E90 320I, 320 DIESEL	2004 >	658		1	MF
E90, 325I, 330I	2004 >	OE	658	1	MF
5 SERIES ALL MODELS	2004 >	OE	658	1	MF
318I TOURING SW & AT - AC PS	2004 >	652		1	MF
320D & AT - AC PS	2004 >	668		1	MF
330I, 330D,330CI CONVERTIBLE & AT - AC PS	2004 >	668		1	MF
325I TOURING SW & AT PS	2004 >	668		1	MF
325TI COMPACT AC PS	2004 >	652		1	MF
5 SERIES E60	2004 >	663		1	MF
525I & STEPTRONIC - AC PS	2004 >	668		1	MF
530D ,530I & STEPTRONIC - AC PS	2004 >	668		1	MF
645 CI CONVERTIBLE & STEPTRONIC - AC PS	2004 >	652		1	MF
645I COUPE & STEPTRONIC AC PS	2004 >	652		1	MF
X3	2005 >	652		1	MF
3 SERIES E90	2005 >	668		1	MF
Z4 ALL MODELS	2005 >	652	668	1	MF
735I AT	2005 >	658		1	GEL
6 SERIES E63/E64	2006 >	658		1	MF
3 SERIES COUPE	2006 >	651	654	1	MF
320D ALL DIESEL MODELS	2007 >	658		1	MF
320I ALL PETROL MODELS	2007 >	658		1	MF
330D ALL DIESEL MODELS	2007 >	658		1	MF
323I ALL MODELS	2007 >	658		1	MF
330I AND 335I AND STEPTRONIC	2007 >	658		1	MF
320I COUPE AND COUPE STEPTRONIC ALL MODELS	2007 >	658		1	MF
325I / 335I COUPE AND COUPE STEPTRONIC	2007 >	658		1	MF
330I /335I COVERTIBLE AND CONVERTIBLE STEPTRONIC	2007 >	658	668	1	MF
1 SERIES 3 DOOR & 5 DOOR	2007	652	640	1	MF
120D ALL DIESEL MODELS	2007 >	652		1	MF
650I CONVERTIBLE AND COUPE ALL MODELS	2007 >	658	668	1	MF
1 SERIES	2007 >	658		1	MF
116I & 130I , 130I EXCLUSIVE	2007 >	652	640	1	MF
320D ALL MODDELS	2007 >	668		1	MF
330I CONVERTIBLE , EXCLUSIVE ,STEPTRONIC, INDIVIDUAL,SPORT	2007 >	668		1	MF
335I AND CONVERTIBLE , EXCLUSIVE, INDIVIDUAL, STEPTRONIC,SPORT	2007 >	668		1	MF
335I COUPE M SPORT ,DYNAMIC, STEPTRONIC AND EXCLUSIVE	2007 >	668		1	MF
325I COUPE M SPORT	2007 >	668		1	MF
520D	2007 >	668		1	MF
116I 5 - DR	2007 >	646		1	MF
118I ALL MODELS	2007 >	652		1	MF
120I ALL PETROL MODELS	2007 >	652		1	MF
130I ALL PETROL MODELS	2007 >	652		1	MF
120D AND 135I COUPE	2007 >	652		1	MF
523I/525I/530D/530I/550I AND STEPTRONIC ALL MODELS	2007 >	658	668	1	MF
M3	2007 >	658	668	1	MF
M5 SMG*	2007 >	658	668	1	MF

PASSENGER VEHICLES

BMW					
Model Name	Year	Battery	Alternative	Quantity	Technology
M6 CONVERTIBLE SMG* AND SMG	2007 >	658	668	1	MF
X3 AND STEPTRONIC ALL MODELS	2007 >	652		1	MF
X5 AND STEPTRONIC ALL MODELS	2007 >	658	668	1	MF
Z4 / Z4M/ COUPE AND STEPTRONIC ALL MODELS	2007 >	669		1	MF
730D/740I/750I/750LI/760I/760LI ALL MODELS	2007 >	658	668	1	MF
1 SERIES COUPE	2008 >	652	640	1	MF
5 SERIES F10 SEDAN	2010 >	668		1	MF
X 1	2010 >	668		1	MF
X 6	2010 >	668		1	MF
5 SERIES ALL MODELS	2010 >	658		1	AGM
X5 ALL MODELS	2010 >	658		1	AGM
7 SERIES	2010 >	658		1	AGM
120D	2011 >	668		1	MF
Z4 ALL MODELS	2011 >	668		1	AGM
X3 PETROL MODELS ALL MODELS	2011 >	658		1	AGM
X3 DIESEL MODELS ALL MODELS	2011 >	658		1	AGM
X6 4.0D	2011 >	658		1	MF
116 & 118	2011 >	668		1	MF
640 & 650	2011 >	658		1	AGM
1 SERIES ALL MODELS	2012 >	668		1	AGM
X1 ALL MODELS	2012 >	658		1	AGM
3 SERIES STOP START MODELS TO TAKE AGM	2012 >	658		1	AGM
3 SERIES PETROL MODELS	2012 >	668	658	1	MF
3 SERIES DIESEL ALL MODELS	2012 >	658		1	AGM
M5	2012 >	658		1	AGM
X6	2012 >	658		1	AGM
X6 ALL MODELS	2012 >	658		1	AGM
750	2012 >	658		1	AGM
X3 20D	2012 >	658		1	MF
3 SERIES SEDAN	2015 >	658		1	AGM

CADILLAC					
Model Name	Year	Battery	Alternative	Quantity	Technology
SEVILLE STS	2000 - 2006	652		1	MF
BLS ALL MODELS	2007 >	652		1	MF
SRX 3.6 V6 AT	2007 >	652		1	MF
BLS	2010 >	651	652	1	MF
CTS	2010 >	651	652	1	MF
STS	2010 >	651	652	1	MF
SRX	2010 >	651	652	1	MF

CHANA					
Model Name	Year	Battery	Alternative	Quantity	Technology
STAR CLUB CAB AND PANEL VAN ALL MODELS	2007 >	631		1	MF
RAINBOW ALL MODELS	2007 >	631		1	MF
STAR	2010 >	616		1	MF

PASSENGER VEHICLES

CHANA					
Model Name	Year	Battery	Alternative	Quantity	Technology
BENNI	2010 >	616		1	MF
MAXI	2010 >	616		1	MF
RAINBOW	2010 >	616		1	MF
RAINBOW	2011 >	616		1	MF

CHERRY					
Model Name	Year	Battery	Alternative	Quantity	Technology
QQ3	2010 >	630		1	MF
J1	2010 >	646		1	MF
J5	2010 >	646		1	MF
TIGGO	2010 >	630		1	MF
TIGGO	2011 >	622	638	1	MF
J2	2014 >	646		1	MF
J2 1,5	2014 >	628		1	MF

CHEVROLET					
Model Name	Year	Battery	Alternative	Quantity	Technology
REKORD & COMMODORE	1978 - 1980	622	638	1	MF
SENATOR	1979 - 1980	628	622	1	MF
CORVETTE C4/C5	1995	621	646	1	MF
LUMINA	2000 >	638	646	1	MF
LUMINA SS	2002 >	OE		1	MF
AVEO, OPTRA	2002 >	646	638	1	MF
VIVANT	2002 >	646	638	1	MF
SPARK	2002 >	630		1	MF
LUMINA	2004 >	622	621	1	MF
AVEO ALL MODELS	2007 - 2009	615	618	1	MF
CAPTIVA ALL MODELS	2007 - 2009	639	638	1	MF
LUNINA ALL MODELS	2007 - 2009	638		1	MF
OPTRA ALL MODELS	2007 - 2009	639		1	MF
SPARK ALL MODELS	2007 - 2009	615	616	1	MF
UTE SS ALL MODELS	2007 >	638		1	MF
SPARK	2010 >	615	616	1	MF
AVEO	2010 >	618		1	MF
CRUZE	2010 >	651	652	1	MF
CAPTIVA PETROL/DIESEL	2010 >	646	652	1	MF
LUMINA UTE	2010 >	646	652	1	MF
SONIC 1.3 & 1.4 & 1.6	2011 >	628	646	1	MF
SONIC 1.4 RS	2011 >	646		1	MF
CRUZE ALL MODELS	2012 >	668		1	MF
SPARK 1.2	2012 >	612	628	1	MF
CAPTIVA 2.2D	2012 >	658		1	MF
TRAILBLAZER 2.8 D	2012 >	658		1	MF

PASSENGER VEHICLES

CHRYSLER					
Model Name	Year	Battery	Alternative	Quantity	Technology
NEON	1997 >	612	619	1	MF
JEEP LAREDO	1997 >	654	658	1	MF
VOYAGER	1997 >	652		1	MF
JEEP WRANGLER	1997 >	622	638	1	MF
CHEROKEE PETROL	1997 >	622	638	1	MF
CHEROKEE DIESEL	1997 >	651	652	1	MF
GRAND CHEROKEE	1997 >	657		1	MF
PT CRUISER	2000 >	612	646	1	MF
VOYAGER	2000 >	651	652	1	MF
GRAND CHEROKEE DIESEL	2002 >	658		1	MF
CROSSFIRE	2004 >	651		1	MF
300C HEMI*/V6/STR/V6 ROADSTER	2007 >	668		1	MF
PT CRUISER 2,4 CLASSIC /LTD/CABRIO ALL MODELS	2007 >	646		1	MF
SEBRING LIMITED AND TOURING	2007 >	638		1	MF
300C ALL MODELS	2007 >	652		1	MF
GRAND VOYAGER	2010 >	668		1	MF
300 D	2012 >	658		1	MF
300C DIESEL	2015 >	658		1	MF
300C PETROL	2015 >	668		1	MF
PT CRUISER PETROL	2015 >	612		1	MF

CITROEN					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS ID&DS19, DS20, DS21 & PALLAS	1961 - 1981	622	638	1	MF
ALL MODELS GS2200, SPECIAL, X2 & LE MANS	1973 - 1980	631		1	MF
XSARA, C5 2.0, 3.0	2001 >	646	652	1	MF
XSARA 1.6 + PICASSO 1.6 + 1.8	2001 >	628	646	1	MF
XSARA & PICASSO 1.6, 1.8, 2.0	2001 >	646		1	MF
C2, C3	2002 >	612	628	1	MF
BERLINGO MULTISPACE	2004 >	628	646	1	MF
C4	2005 >	628	646	1	MF
BERLING 1,4 AND 1.9D PANEL VAN	2007 >	628	646	1	MF
C1 ALL MODELS	2007 >	618		1	MF
C2 ALL MODELS	2007 >	612	628	1	MF
C3 ALL MODELS	2007 >	612	628	1	MF
C3 PLURIEL 1,4I	2007 >	612	628	1	MF
C3 PLURIEL 1,6I SENDODRIVE*	2007 >	612	628	1	MF
C4 ALL MODELS	2007 >	628	646	1	MF
C5 2,0 ALL MODELS	2007 >	646 EURO TOP	652	1	MF
C3 PICASSO	2010 >	646 EURO TOP		1	MF
C4	2010 >	652		1	MF
C4 PICASSO	2010 >	652		1	MF
C5	2010 >	652		1	MF
DS4 ALL MODELS	2011 >	646 EURO LID	651	1	MF

PASSENGER VEHICLES

CITROEN					
Model Name	Year	Battery	Alternative	Quantity	Technology
DS3 1.6 THP	2012 >	646 EURO LID	651	1	MF
C4	2012 >	646 EURO LID	651	1	MF
C4 AIR CROSS HDI	2014 >	650R		1	MF
C5 2,0	2014 >	628		1	MF

DAEWOO					
Model Name	Year	Battery	Alternative	Quantity	Technology
ESPERRO 1800	1995 - 1997	639		1	MF
ESPERRO 2000	1995 - 1998	639		1	MF
CIELO 1,5I GLX, GTX	1996 - 1998	639		1	MF
CIELO 150IL	1996 - 1998	639		1	MF
CIELO GTX	1996 - 1998	639		1	MF
CIELO 1,5I GL, GLX	1996 - 1999	639		1	MF
LANOS	1997	628		1	MF
LANOS 1,6 SX 16V	1997 - 2000	621		1	MF
NUBIRA 1,6 SX 16V	1997	622		1	MF
NUBIRA 2,0 CDX 16V	1997 - 2000	622		1	MF
LANOS 1,35S	1998	621		1	MF
MATIZ S&SE	1999	616		1	MF
LANDIS 1600,0	2000	628		1	MF
LANOS 1,4IS	2000	628		1	MF
LANOS II 1,6 SX	2000	622		1	MF
NIBURA	2000	628		1	MF
NIBURA II 2,0 CDX	2000	622		1	MF
TACUMA 2,0 CDX 16V	2000	622		1	MF
MATIZ	2008 - 2009	615		1	MF
MATIZ	2009	616		1	MF
CIELO 1,5	2012 - 2016	646		1	MF
ESPERO 1,5	2012 - 2016	646		1	MF
ESPERO 1,8	2012 - 2016	646		1	MF
ESPERO 2,0	2012 - 2016	646		1	MF
LANOS 1,4	2012 - 2016	646		1	MF
LANOS 1,5	2012 - 2016	646		1	MF
LANOS 1,6 16V	2012 - 2016	646		1	MF
NUBIRA 1,6	2012 - 2016	638		1	MF
NUBIRA 1,6 16V	2012 - 2016	638		1	MF
NUBIRA 2,0	2012 - 2016	638		1	MF
REXTON 2,3 RX230 4X4	2012 - 2016	650		1	MF
REXTON 2,9 TD	2012 - 2016	650		1	MF
REXTON 3,2 V6	2012 - 2016	650		1	MF

PASSENGER VEHICLES

DAIHATSU					
Model Name	Year	Battery	Alternative	Quantity	Technology
CUORE, FEROZA	1997 >	615	630	1	MF
ROCKY	1997 >	674		1	MF
DELTA	1997 >	675		1	MF
GRAN MOVE	1997 >	615		1	MF
SIRION & YRV	1998 >	615		1	MF
TERIOS	1998 >	630		1	MF
YRV, SUV	2000 >	615		1	MF
CHARADE CX CXL	2003 >	616		1	MF
CHARADE ALL MODELS	2007 >	615		1	MF
COPEN	2007 >	615		1	MF
MATERIA ALL MODELS	2007 >	615		1	MF
SIRION ALL MODELS	2007 >	615		1	MF
TERIOS ALL MODELS	2007 >	615		1	MF
MATERIA	2007 >	615		1	MF

DAIMLER					
Model Name	Year	Battery	Alternative	Quantity	Technology
BLWB & SUPER 8	2000 >	658		1	MF

DODGE					
Model Name	Year	Battery	Alternative	Quantity	Technology
D100 6CYL	1966 - 1980	622		1	MF
AVENGER 1600 PEUG	1974 - 1975	610		1	MF
AVENGER GL GLS CHR	1975 - 1978	610		1	MF
NITRO ALL MODELS	2007 >	643	638	1	MF
CALIBER 1.8, 2.0, 2.4 ALL MODELS	2007 >	643	638	1	MF
JOURNEY	2010 >	638		1	MF

FAW					
Model Name	Year	Battery	Alternative	Quantity	Technology
V2	2014 >	631		1	MF
SIRIUS	2014 >	631		1	MF

FERRARI					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	1980 - 1983	638		1	MF
ALL MODELS	1983 >	652		1	MF
F355 BERLINETTA, F355 GTS, F355 SPIDER, F512M	1995 >	652		1	MF
F512M	1999 >	652		1	MF
360 MODENA, 550 MARANELLO, 456GT	1999 >	657		1	MF
550 MARANELLO, 456 GT	2007 >	652		1	MF
599 GTB ALL MODELS	2007 >	652		1	MF
612 SCAGLIETTI	2007 >	652		1	MF
F430 ALL MODELS	2007 >	652		1	MF
F430 SPIDER ALL MODELS	2007 >	652		1	MF

PASSENGER VEHICLES

FERRARI					
Model Name	Year	Battery	Alternative	Quantity	Technology
CALIFORNIA	2010 >	652		1	MF
CALIFORNIA	2012 >	658		1	AGM
458 ALL MODELS	2012 >	652		1	AGM
F7 & F12	2012 >	658		1	AGM
208/308	2012 - 2016	638		1	MF
328 GTB	2012 - 2016	638		1	MF
328 GTS	2012 - 2016	638		1	MF
648 SPIDER	2012 - 2016	662		1	MF

FIAT					
Model Name	Year	Battery	Alternative	Quantity	Technology
124	1967 - 1973	610		1	MF
125	1969 - 1973	610		1	MF
124 SPECIAL	1969 - 1977	610		1	MF
125 SPECIAL	1970 - 1975	610		1	MF
1281100	1971 - 1980	610		1	MF
124 ST 1600	1973 - 1977	610		1	MF
1281300	1973 - 1984	610		1	MF
128 RALLY	1974 - 1980	610		1	MF
132 1800 GLS	1975 - 1978	610		1	MF
131 MIRAFIORI	1977 - 1980	610		1	MF
131 1600 RALLY	1978 - 1980	610		1	MF
UNO	1990 >	619		1	MF
UNO FIRE & P/VAN 1100	1990 >	628		1	MF
UNO MIA 1100	1990 >	628		1	MF
UNO PACER & SX 1400	1990 >	628		1	MF
UNO TURBO	1990 >	628		1	MF
UNO ALL MODELS	1990 >	618		1	MF
UNO CENTO	1996 - 1999	619		1	MF
UNO MIA 1400	1998 - 2000	628		1	MF
ULYSSE 2.0I MPV	1999 >	646		1	MF
PALIO, SIENA	1999 >	612		1	MF
SEICENTO	2000 >	619		1	MF
SIENA 1.6 EL/HL 16V	2000 >	612		1	MF
SIENA ALL MODELS	2000 >	612		1	MF
SIENA 1.2 EL	2000 - 2004	612		1	MF
PALIO, SIENA - 1.2, 1.6, WEEKEND, SEICENTO	2000 - 2006	612		1	MF
UNO MIA	2000 >	618	619	1	MF
SCI ENTO	2001 >	612		1	MF
SEICENTO 1.1	2001 >	612		1	MF
STILO 1.9 DIESEL AND PETROL	2003 - 2006	646	612	1	MF
MULTIPLA, DOBLO	2003 >	646		1	MF
PALIO ALL MODELS	2004 >	612		1	MF
PUNTO 1.2 16V	2004 >	612		1	MF
PUNTO 1.3 JTD	2004 >	612		1	MF
PUNTO 1.8 HGT	2004 >	612		1	MF
SCEICENTO	2004 >	618		1	MF

PASSENGER VEHICLES

FIAT					
Model Name	Year	Battery	Alternative	Quantity	Technology
PANDA	2005 >	612	646	1	MF
PUNTO	2005 >	612		1	MF
SIENA II 1.2 EL	2005	612		1	MF
STILO ALL MODELS	2005	646		1	MF
STRADA ALL MODELS	2005	628		1	MF
SIENA II 1.7 TD	2006	612		1	MF
CROMA	2006 >	628		1	MF
GRANDE PUNTO 1.3MJTD	2006 >	619		1	MF
GRANDE PUNTO 1.4	2006 >	612		1	MF
UNO II 1.2	2007 >	628		1	MF
BRAVO	2007 >	612		1	MF
UNO 1,2 3 - DR	2007 >	618		1	MF
PALIO II ALL MODELS	2007 >	618	612	1	MF
PANDA ALL MODELS	2007 >	618	612	1	MF
GRANDE PUNTO ALL MODELS	2007 >	646	612	1	MF
BRAVO ALL MODELS	2007 >	646	612	1	MF
STADA ALL MODELS	2007 >	618	612	1	MF
STRADA X - SPACE AND ADVENTURE	2007 >	618	612	1	MF
UNO PANEL VAN	2007 >	618	612	1	MF
DUCATO VETRATO/ 10/11.5 /13 ALL MODELS	2007 >	658		1	MF
ALL STILO VARIANTS	2007 >	646		1	MF
500	2007 >	612		1	MF
CROMA 2.2 DYNAMICA ALL MODELS	2007 >	646		1	MF
DOBLO CARGO ALL MODELS	2007 >	612		1	MF
SCUDO	2008 >	619		1	MF
SCUDO 2.0 MULTIJET	2008 >	628		1	MF
LINEA	2009 >	619		1	MF
LINEA	2010 >	618	612	1	MF
PUNTO 1.4 POP	2012 >	612		1	MF
500.0 1,2 POP	2013 >	628		1	MF
500.0 1,2 POP CAB	2013 >	628		1	MF
500.0 1,4 16V LOUNGE	2013 >	646		1	MF
500.0 1,4 16V LOUNGE CAB	2013 >	646		1	MF
500.0 1,4 16V SPORT	2013 >	646		1	MF
500.0 1,4 SPORT CAB	2013 >	646		1	MF
500.0 ABARTH	2013 >	628		1	MF
500.0 ABARTH CABRIOLET	2013 >	628		1	MF
500.0 ABARTH CABRIOLET MTA	2013 >	628		1	MF
500L 1,4 EASY	2013 >	646		1	MF
QUBO 1,4 ACTIVE	2013 >	646		1	MF
500L 1,4 LOUNGE	2013 >	646		1	MF
500L 1,6MJT LOUNGE	2013 >	646		1	MF
QUBO 1,3 MJT	2013 >	646		1	MF
PANDA ALL MODELS	2013 >	612		1	MF
QUIBO	2013 >	612		1	MF
FIORINO	2013 >	612		1	MF
500.0 1,2 8V DUALOGIC POP E6	2014 >	646		1	MF

PASSENGER VEHICLES

FIAT					
Model Name	Year	Battery	Alternative	Quantity	Technology
500.0 1,2 LOUNGE E6	2014 >	646		1	MF
500.0 1,2 MY POP	2014 >	646		1	MF
500.0 1,2 POP CABRIOLET E6	2014 >	646		1	MF
500.0 ABARTH	2014 >	628		1	MF
500.0 ABARTH 1,4 TURBO 5MT RHD	2014 >	628		1	MF
500.0 ABARTH 500C 1,4 TURBO 5MT	2014 >	628		1	MF
500.0 ABARTH CABRIOLET	2014 >	628		1	MF
500.0 ABARTH CABRIOLET MTA	2014 >	628		1	MF
500.0 ABARTH TRIBUTO FERRARI	2014 >	628		1	MF
500L 1,4 TJET LOUNGE	2014 >	646		1	MF
500L 1,4 TJET TREKKING	2014 >	628		1	MF
PANDA 1,2 LOUNGE	2014 >	652		1	MF
PUNTO 1,4 EASY	2014 >	646		1	MF
FIORINO 1,3 MJT	2014 >	646		1	MF
FIORINO 1.4	2014 >	646		1	MF
PANDA 1,2 POP	2014 >	652		1	MF
500.0	2015 >	619		1	MF
500.0 ABARTH 150 T 1,4	2015 >	628		1	MF
500.0 C	2015 >	619		1	MF
500.0 L	2015 >	619		1	MF
500.0 L TREKKING	2015 >	619		1	MF
500.0 MY14 1,2 LOUNGE	2015 >	646		1	MF
500.0 MY14 1,2POP CABRIO	2015 >	646		1	MF
500.0 MY14 1,4 LOUNGE	2015 >	646		1	MF
500.0 X	2015 >	619		1	MF
500X 1,4 TJET CROSS DCT	2015 >	646		1	MF
PANDA	2015 >	619		1	MF
500.0 MY14 1,2 SPORT	2015 >	628		1	MF
500.0 MY14 1,4 LOUNGE CABRIO	2015 >	646		1	MF
500.0 MY14 1,4 SPORT CABRIO	2015 >	646		1	MF
500X 1,4 TJET CROSS	2015 >	646		1	MF
500X 1,4 TJET CROSS HIGH	2015 >	646		1	MF
500X 1,4 TJET CROSS HIGH DCT	2015 >	646		1	MF
500X 1,6 ETORQ POP STAR	2015 >	646		1	MF

FORD					
Model Name	Year	Battery	Alternative	Quantity	Technology
FAIRLANE 500	1965 - 1972	621		1	MF
CORTINA 1300	1967 - 1971	630		1	MF
CORTINA 1600	1967 - 1971	630		1	MF
ESCORT 1300GT	1968 - 1970	630		1	MF
ESCORT 1100	1968 - 1972	630		1	MF
FAIRLANE V8	1968 - 1972	621		1	MF
ESCORT 1300L SUPER	1968 - 1975	630		1	MF
CORTINA 1600XL	1969 - 1970	630		1	MF
FAIRMONT	1969 - 1972	621		1	MF
CAPRI 1600 & GT	1969 - 1973	610		1	MF

PASSENGER VEHICLES

FORD					
Model Name	Year	Battery	Alternative	Quantity	Technology
CAPRI 2000 XT GT	1969 - 1973	610		1	MF
ESCORT 1600GT	1970 - 1972	630		1	MF
CORTINA 2000GT	1971 - 1973	628		1	MF
ESCORT 1600L & XL	1971 - 1975	630		1	MF
CORTINA 1600 & L	1971 - 1977	630		1	MF
FAIRLANE 500	1972 - 1976	621		1	MF
CORTINA 2000L & XL	1972 - 1977	628		1	MF
CORTINA 2500L & XL	1972 - 1977	652		1	MF
CORTINA, GRANADA, 2.0L	1972 - 1983	628	646	1	MF
CORTINA 3.0GT XLE	1973 - 1977	652		1	MF
GRANADA 3000 L XL G	1973 - 1978	651		1	MF
ESCORT 1300L	1975 - 1981	630		1	MF
ESCORT 1600GL	1975 - 1981	630		1	MF
CORTINA 1600L GL MK4	1977 - 1980	628		1	MF
CORTINA 2000GL/E MK4	1977 - 1980	628		1	MF
CORTINA 3000S MK4	1977 - 1980	652		1	MF
ESCORT R52000	1978 - 1980	630		1	MF
GRANADA 3000GL GLE	1978 - 1986	652		1	MF
ESCORT 1600 SPORT	1979 - 1981	630		1	MF
CORTINA 1.3L	1980 - 1982	630		1	MF
CORTINA 1600L GL MK5	1980 - 1983	630		1	MF
CORTINA 2000 GL MK5	1980 - 1983	628		1	MF
CORTINA XR6 MK5	1980 - 1983	652		1	MF
ANGLIA, ESCORT, CORTINA 1300, 1600	1980 - 1983	631		1	MF
CORTINA 3000GLS MK5	1980 - 1984	652		1	MF
ESCORT 1.3GL	1981 - 1986	628		1	MF
ESCORT 1.6 GLE	1981 - 1986	628		1	MF
ESCORT XR3 & SPORT	1981 - 1986	628		1	MF
FWD ESCORT, 1300, 1400, 1600	1981 - 1986	618	628	1	MF
ESCORT 1.3L	1983 - 1986	628		1	MF
ESCORT 1.6L	1983 - 1986	628		1	MF
SIERRA 2.3 GLE	1983 - 1986	646		1	MF
SIERRA 1.6GL	1983 - 1989	646		1	MF
SIERRA 2.0 GL	1983 - 1989	646		1	MF
SIERRA, SAPPHIRE ALL MODELS	1983 - 1993	628	652	1	MF
CORTINA, GRANADA WITH AIRCON	1983 >	646	652	1	MF
CORTINA, GRANADA, 2.0L, AUTO	1983 >	628	646	1	MF
ESCORT XR3I	1984 - 1986	628		1	MF
SIERRA 3.0 GLS GLX	1984 - 1989	651		1	MF
SIERRA XR6	1984 - 1989	651		1	MF
TRITON 0510 0610	1985 - 1986	622		1	MF
TRITON 0608	1986 - 1987	638		1	MF
LASER 1.3L	1986 - 1989	630		1	MF
LASER 1500 GL GLS	1986 - 1989	621		1	MF
METEOR 1.3L	1986 - 1989	631		1	MF
METEOR 1500 GLS	1986 - 1989	621		1	MF
METEOR 1600 GLI	1986 - 1989	621		1	MF

PASSENGER VEHICLES

FORD					
Model Name	Year	Battery	Alternative	Quantity	Technology
HUSKY 10 SEATER BUS	1986 - 1993	621	639	1	MF
LASER, METEOR, TRACER, SOME MODELS	1986 - 1993	630	634	1	MF
LASER 16001 SPORT	1986 - 1996	621		1	MF
FWD ESCORT 1400, 1600	1986 >	628	646	1	MF
FWD ESCORT, 1300	1986 >	618	628	1	MF
TRITON 0608	1987 -	638		1	MF
TRITON 0610	1987 -	638		1	MF
LASER 1400	1989 - 1991	621		1	MF
LASER 1600 GL SPORT	1989 - 1991	621		1	MF
METEOR 1400 LX	1989 - 1991	621		1	MF
METEOR 1600 GL	1989 - 1991	621		1	MF
SAPPHIRE 1.6 L	1989 - 1991	651		1	MF
SAPPHIRE 2.0GL GLE	1989 - 1993	651		1	MF
SAPPHIRE 2.01 GLEA	1989 - 1993	651		1	MF
SAPPHIRE 3.0 GLX	1989 - 1993	651		1	MF
METEOR GLE	1990 - 1992	621		1	MF
SIERRA XR6	1990 - 1992	652		1	MF
SPECTRON	1990 >	628	646	1	MF
LASER 1.3	1991 >	630		1	MF
LASER 2.0	1991 >	621		1	MF
LASER 2.0RS	1991 >	621		1	MF
METEOR 1.3	1991 >	621		1	MF
METEOR 1.6	1991 >	621		1	MF
METEOR 2.0	1991 >	621		1	MF
METEOR 2.0 GLI	1991 >	621		1	MF
SPECTRON	1991 >	628		1	MF
SAPPHIRE 3.0 GHIA	1991 - 1993	651		1	MF
LASER 1.6	1991 - 1996	621		1	MF
TELSTAR 2.01 GL/E 4 CYL	1993 >	639		1	MF
TELSTAR 2.01 GLI V6	1993 >	639		1	MF
TELSTAR 2.5 GHIA	1993 >	639		1	MF
TELSTAR TX5 V6	1993 >	639		1	MF
LASER, METEOR, TRACER	1993 >	621	639	1	MF
SIERRA, SAPPHIRE ALL MODELS W/OUT AIRCON	1993 >	646	652	1	MF
SIERRA, SAPPHIRE WITH AIRCON	1993 >	652		1	MF
TELSTAR & TX 5 ALL MODELS	1993 >	649	621	1	MF
ESCORT 14001	1995 >	628		1	MF
FALCON,FUTURA,FAIRMONT	1995 >	640		1	MF
ESCORT 18001 GLI SI	1995 - 1998	628		1	MF
ESCORT 16001 GL GLE	1995 - 2000	628		1	MF
LASER 1.3 TRACER	1996 >	621		1	MF
ESCORT RANGE	1996 >	628	646	1	MF
ESCORT RANGE WITH FLAT TERMINALS	1996 >	628		1	MF
ESCORT 1800I T/DIESEL	1997 >	651		1	MF
FIESTA 11300 F.I.	1997 - 1998	619		1	MF
FORD FALCON, GLI, FUTURA, FAIRMONT, XR6	1997 >	643		1	MF
FORD FIESTA	1997 >	618	628	1	MF

PASSENGER VEHICLES

FORD					
Model Name	Year	Battery	Alternative	Quantity	Technology
MONDEO	1997 >	628	651	1	MF
EXPLORER	1997 >	643	639	1	MF
MONDEO 1.8I LX	1998 >	628		1	MF
MONDEO 2.0I CLX	1998 >	628		1	MF
MONDEO 2.5 SI V6 24V	1998 >	628		1	MF
MONDEO 1.8I T/DIESEL	1998 >	651		1	MF
FIESTA 11400I	1998 - 2002	619		1	MF
METEOR, TRACER, TONIC	1999 >	621	639	1	MF
FIESTA 11600 RSI	2000 - 2002	619		1	MF
FIESTA 11600 SPORT	2000 - 2002	619		1	MF
IKON	2000 - 2005	618	628	1	MF
FOCUS	2000 >	618	628	1	MF
MONDEO 2.0I GHIA	2001 >	651		1	MF
FOCUS 2.0I	2001 - 2005	619		1	MF
IKON 1.3I	2001 - 2006	619		1	MF
IKON 1.6I L,LX,CLX	2001 - 2006	619		1	MF
FIESTA 2 1.3I	2002 - 2003	619		1	MF
FIESTA 2 1.6I & RSI	2002 - 2003	619		1	MF
MONDEO ST220 3.0 V6	2002 - 2005	651		1	MF
FOCUS 1.6I	2003 - 2005	628		1	MF
FOCUS 1.8 TDCI	2003 - 2005	651		1	MF
FOCUS 2.0I ST170	2003 - 2005	619		1	MF
FIESTA 2 1.6I	2003 - 2006	619		1	MF
FIESTA 2 1.4I	2003 - 2007	619		1	MF
FOCUS ST170	2004 - 2005	651		1	MF
FOCUS 1.8TD DIESEL	2004 - 2005	651		1	MF
MONDEO ST220	2004 - 2005	651		1	MF
FOCUS II 2.0 TDCI	2005 >	651		1	MF
FIESTA 2 2.0I ST150	2005 >	651		1	MF
FOCUS II 1.6 SI	2005 >	628		1	MF
FOCUS II 1.6I	2005 >	628		1	MF
FOCUS II 2.0 16V	2005 >	651		1	MF
KA 1.3 OHC	2005 >	619		1	MF
KA 1.3 OHV	2005 >	619		1	MF
STREETKA 1.6I	2005 >	615		1	MF
TERRITORY ALL MODELS	2005 - 2006	638		1	MF
FIESTA 2 1.6 TDCI	2005 - 2007	646		1	MF
FIESTA 2 1.6 AMBIENT	2006 - 2007	628		1	MF
IKON II 1.4 TDCI	2007 >	619		1	MF
IKON II 1.4I AMBIENTE	2007 >	619		1	MF
IKON II 1.6I TREND	2007 >	619		1	MF
BANTAM ALL MODELS	2007 >	618		1	MF
F250 ALL MODELS	2007 >	651		1	MF
FIESTA ALL MODELS	2007 >	618		1	MF
FOCUS PETROL ALL MODELS	2007 >	618		1	MF
FOCUS DIESEL ALL MODELS	2007 >	651		1	MF
IKON ALL MODELS	2007 >	618	618	1	MF

PASSENGER VEHICLES

FORD					
Model Name	Year	Battery	Alternative	Quantity	Technology
KA ALL MODELS	2007 >	618		1	MF
FIESTA 3 1.4I	2008 >	619		1	MF
FIESTA	2010 >	618		1	MF
BANTAM DIESEL	2010 >	628	646	1	MF
IKON	2010 >	618		1	MF
EVEREST	2010 >	650		1	MF
FOCUS III 1.6 TI-VCT	2011 >	628		1	MF
FOCUS III 2.0 TDCI	2011 >	651		1	MF
FOCUS 1.6 & 1.8	2011 >	651		1	MF
FOCUS GDI	2011 >	652	651	1	MF
FIGO	2011 >	619		1	MF
FIGO DIESEL	2011 >	612		1	MF
KUGA 2.5	2011 >	652		1	MF
FIESTA 1.0 ECOBOOST AMBIENTE	2012 - 2016	646		1	MF
FIESTA 1.0 ECOBOOST ECOBOOST TITANIUM	2012 - 2016	646		1	MF
FIESTA 1.0 ECOBOOST POWERSHIFT AMBIENTE	2012 - 2016	646		1	MF
FIESTA 1.0 ECOBOOST POWERSHIFT TITANIUM	2012 - 2016	646		1	MF
FIESTA 1.0 ECOBOOST POWERSHIFT TREND	2012 - 2016	646		1	MF
FIESTA 1.0 ECOBOOST TREND	2012 - 2016	646		1	MF
FIESTA 1.4 AMBIENTE	2012 - 2016	646		1	MF
FIESTA 1.4 TDCI TREND	2012 - 2016	646		1	MF
FIESTA 1.4 TREND	2012 - 2016	646		1	MF
FIESTA 1.5 TDCI AMBIENTE	2012 - 2016	646		1	MF
FIESTA 1.6 TDCI TREND	2012 - 2016	646		1	MF
FIGO 1,4 TREND	2012 - 2016	628		1	MF
FIGO 1.4 AMBIENTE	2012 - 2016	628		1	MF
FIGO 1.4 TDCI AMBIENTE	2012 - 2016	628		1	MF
FIGO 1.5 AMBIENTE - HATCH / SEDAN	2012 - 2016	628		1	MF
FIGO 1.5 POWER SHIFT TITANIUM - HATCH/SEDAN	2012 - 2016	628		1	MF
FIGO 1.5 TDCI AMBIENTE - HATCH	2012 - 2016	628		1	MF
FIGO 1.5 TDCI TREND - HATCH	2012 - 2016	628		1	MF
FIGO 1.5 TITANIUM - HATCH	2012 - 2016	628		1	MF
FIGO 1.5 TREND - HATCH / SEDAN	2012 - 2016	628		1	MF
FIESTA ECO BOOST	2013 >	646	652	1	MF
KUGA 1.6 ECO BOOST	2013 >	652		1	MF
KUGA 2.0 TDCI	2013 >	668		1	MF
FIESTA	2014 >	628		1	MF
FIESTA ST	2014 >	628		1	MF
FOCUS RS	2014 >	659		1	MF
FUSION RS	2014 >	659		1	MF
ECO SPORT	2014 >	628	646	1	MF
B-MAX 1,0 FOX	2015 >	651		1	MF
B-MAX 1,4 PETROL	2015 >	619		1	MF
B-MAX DIESEL	2015 >	651		1	MF
B-MAX FOX 13	2015 >	628		1	MF
B-MAX 1.0 ECOBOOST AM BIENTE	2016 >	651		1	MF
B-MAX 1.0 ECOBOOST TITANIUM	2016 >	651		1	MF
B-MAX 1.0 ECOBOOST TREND	2016 >	651		1	MF

PASSENGER VEHICLES

FORD					
Model Name	Year	Battery	Alternative	Quantity	Technology
FIESTA ST	2016 >	646		1	MF
FOCUS 1.0 ECOBOOST AMBIENTE - HATCH / SEDAN	2016 >	619		1	MF
FOCUS 1.0 ECOBOOST AUTO AMBIENTE - HATCH/SEDAN	2016 >	619		1	MF
FOCUS 1.0 ECOBOOST AUTO TREND - HATCH/SEDAN	2016 >	619		1	MF
FOCUS 1.0 ECOBOOST TREND - HATCH	2016 >	619		1	MF
FOCUS 1.5 ECOBOOST AUTO TREND - HATCH/SEDAN	2016 >	628		1	MF
FOCUS 1.5 ECOBOOST TREND - HATCH/SEDAN	2016 >	628		1	MF
FOCUS 1.6 TDCI AMBIENTE - HATCH/SEDAN	2016 >	651		1	MF
FOCUS 1.6 TDCI TREND - HATCH / SEDAN	2016 >	651		1	MF
FOCUS 2.0 ECOBOOST ST1 - HATCH	2016 >	651		1	MF
FOCUS 2.0 ECOBOOST ST3 - HATCH	2016 >	651		1	MF
FOCUS RS 2.3 ECOBOOST AWD	2016 >	651		1	MF
FOCUS ST 2.0 ECOBOOST ST1 - HATCH	2016 >	651		1	MF
FUSION 1.5 ECOBOOST TREND	2016 >	628		1	MF
FUSION 2.0 ECOBOOST TITANIUM	2016 >	651		1	MF
FUSION 2.0 ECOBOOST TREND	2016 >	651		1	MF
FUSION 2.0 TDCI TITANIUM	2016 >	651		1	MF
MUSTANG 5.0 V8	2016 >	646		1	MF

GWN					
Model Name	Year	Battery	Alternative	Quantity	Technology
FLORID	2010 >	639	634	1	MF
HOOVER	2010 >	639	646	1	MF
H5 2.0 VGT	2011 >	646		1	MF
FLORID M4	2013 >	636		1	MF

GEELY					
Model Name	Year	Battery	Alternative	Quantity	Technology
LC & EC7	2007 >	636		1	MF
CK1 ALL MODELS	2007 >	628	634	1	MF
CK1 1.3I	2007-2009	622		1	MF
CK1 1.5I	2007-2009	622		1	MF
EMGRAND	2015	622		1	MF
GC2	2015	622		1	MF
GX2	2015	622		1	MF

HONDA					
Model Name	Year	Battery	Alternative	Quantity	Technology
1601 DDHC 16V	1993	634		1	MF
180E 16V	1994	634		1	MF
1601 LUXLINE	1996	634		1	MF
1801 LUXLINE	1996	634		1	MF
1300 BALLADE	1982-1984	634		1	MF
ALL MODELS BALLADE & PRELUDE	1983 >	630		1	MF

PASSENGER VEHICLES

HONDA					
Model Name	Year	Battery	Alternative	Quantity	Technology
13012V	1984-1989	634		1	MF
15012V	1984-1989	634		1	MF
150112V	1985-1989	634		1	MF
1601 DOHC	1987-1989	634		1	MF
150 SOHC 16V	1989-1992	634		1	MF
1601 DOHC 16V	1989-1992	634		1	MF
1601 SOHC 16V	1989-1992	634		1	MF
160E DOHC 16V	1992-1994	634		1	MF
150 SOHC 16V	1992-1996	634		1	MF
PRELUDE	1996 >	638	631	1	MF
CIVIC 150I	1996-2000	634		1	MF
150I ENCORE/LUXLINE	1996-2001	634		1	MF
CIVIC 150I, 160I	1998 >	630	631	1	MF
PRELUDE VTEC 2.2	1998 >	634		1	MF
ODYSSEY VTEC 2.3	1998 >	634		1	MF
CIVIC 1.7I V-TEC	2001	634		1	MF
BRIO 1.2	2012	616		1	MF
CIVIC 170I VTEC	2000 >	636		1	MF
S2000 ROADSER	2000 >	636		1	MF
CR - V	2000 >	634		1	MF
CIVIC 150I V-TEC	2001-2003	634		1	
JAZZ 1.4I, DSI, SUT	2003 >	616	630	1	MF
ACCORD 2.4 S & EXE	2003-2008	634		1	MF
ACCORD	2004 >	636		1	MF
CIVIC 1.8I HATCH	2006-2012	634		1	MF
CIVIC 1.8I SEDAN	2006-2012	634		1	MF
ACCORD EXECUTIVE ALL MODELS	2007 >	636		1	MF
CIVIC ALL MODELS	2007 >	636		1	MF
CR - V ALL MODELS	2007 >	634		1	MF
JAZZ ALL MODELS	2007 >	616		1	MF
S2000	2007 >	634		1	MF
CIVIC PETROL 4 DOOR	2011 >	636		1	MF
CIVIC HATCH	2011 >	646		1	MF
CIVIC 2.2 D	2012 >	652		1	MF
CRV PETROL ALL MODELS	2012 >	646		1	MF
BRIO 1.2	2012 >	616		1	MF

HUMMER					
Model Name	Year	Battery	Alternative	Quantity	Technology
HUMMER H3 ALL MODELS	2007 >	643	638	1	MF

HYUNDAI					
Model Name	Year	Battery	Alternative	Quantity	Technology
SONATA 2.0 GL GLS	1993 - 1996	646			
ACCENT	1993 >	631		1	MF
SONATA	1993 >	646		1	MF

PASSENGER VEHICLES

HYUNDAI					
Model Name	Year	Battery	Alternative	Quantity	Technology
SCOUPE 1.5LS	1994 >	628		1	MF
ELANTRA 1.6 GLS J1	1994 - 1995	622		1	MF
ELANTRA 1.8 GLI J1	1994 - 1995	622		1	MF
SONATA 3.0 GLS	1994 - 1998	646		1	MF
ACCENT 1.5 CS/RSI	1994 - 2000	628		1	MF
ELANTRA 1.6 GLS J2	1996 >	622		1	MF
ELANTRA 1.8 GLS J2	1996 >	622		1	MF
ACCENT 1,3 12V	1996 - 2000	628		1	MF
SONATA 2.0 GL GLS	1996 - 2000	646		1	MF
TIBURON 2.0	1996 - 2003	646		1	MF
ACCENT 1.5 LS/GLS	1997 - 2002	628		1	MF
ACCENT, ELANTRA, TIBURON, ELANTRA CRDI	1997 >	621	639	1	MF
SONATA	1997 >	622	639	1	MF
ELANTRA 2.0 GLS J2	1998 >	628		1	MF
ATOS 1.01	1999 - 2004	615		1	MF
ATOS	1999 >	616		1	MF
ACCENT II 1.3I 12V	2000 >	628		1	MF
SONATA 2.0 GLS	2000 >	646		1	MF
SONATA 2.5 V6	2000 >	646		1	MF
SANTE FE	2000 >	621	639	1	MF
ELANTRA 1.6 GL J3	2001 - 2006	622		1	MF
MATRIX 1.6	2002 >	628		1	MF
MATRIX 1.8	2002 >	628		1	MF
GETZ 1.3	2003 >	619		1	MF
GETZ 1.6	2003 >	619		1	MF
TIBURON 2.0	2003 - 2007	646		1	MF
GETZ	2003 >	618	612	1	MF
SONATA	2003 >	621	646	1	MF
TERRACAN DIESEL 4WD	2003 >	671	652	1	MF
NEW TIBURON	2003 >	621		1	MF
TOP HOLDOWN USE 621/639 ** BOTTOM	2003 >		637	1	MF
TIBURON 2.7 V6	2004 >	652		1	MF
TRAJET 2.7I	2004 >	650		1	MF
ELANTRA 2.0 CRDIJ3	2004 - 2006	646		1	MF
GETZ 1.5 CRDI	2004 - 2010	619		1	MF
ATOS 1.1I	2005 >	615		1	MF
GETZ 1.4	2005 >	619		1	MF
SONATA 2.4	2005 - 2010	646		1	MF
HOLDOWN USE 628/9, 646	2005 >	628	639	1	MF
MATRIX	2005 >	646	639	1	MF
TRAJET	2005 >	652	630	1	MF
TUCSON	2005 >	639		1	MF
ACCENT 1.6 CWT	2006 >	612		1	MF
AZERA 3.3 V6	2006 >	640		1	MF
ELANTRA 2.0 HDJ4	2007 >	646		1	MF
TERECAN PETROL	2007 >	621	639	1	MF
ACCENT ALL MODELS	2007 >	621	639	1	MF

PASSENGER VEHICLES

HYUNDAI					
Model Name	Year	Battery	Alternative	Quantity	Technology
ATOS ALL MODELS	2007 >	616 B		1	MF
BAKKIE 2,6I DROPSIDE	2007 >	650		1	MF
ELANTRA ALL MODELS	2007 >	621		1	MF
GETZ ALL MODELS	2007 >	621	639	1	MF
SANTA FE ALL MODELS	2007 >	621	612	1	MF
SONATA ALL MODELS	2007 >	639		1	MF
TERRACAN ALL MODELS	2007 >	671		1	MF
TIBURON ALL MODELS	2007 >	621		1	MF
AZERA 3.3 GLS	2007 >	651		1	MF
TIBURON 2,0L	2008 >	646		1	MF
TIBURON V6	2008 >	652		1	MF
TRAJET FO 2,0L	2008 >	646		1	MF
TRAJET FO CRDI	2008 >	650		1	MF
TRAJET FO V6	2008 >	652		1	MF
TUCSON JM 2,0L	2008 - 2012	646		1	MF
TUCSON JM CRDI	2008 - 2012	650		1	MF
TUCSON JM V6	2008 - 2012	652		1	MF
120 1.4 16V	2009 >	619		1	MF
120 1.6 16V	2009 >	619		1	MF
110 1.1	2009 - 2011	636		1	MF
00 1.2 16V	2009 - 2011	636		1	MF
130 1.6 16V	2009 - 2012	619		1	MF
130 2.0 16V	2009 - 2012	619		1	MF
H1 ALL MODELS	2009 >	638		1	MF
HYUNDAI IX35 DIESEL	2010 >	650		1	MF
110	2010 >	616 B		1	MF
120	2010 >	618	612	1	MF
130	2010 >	618	612	1	MF
H1	2010 >	638		1	MF
IX35	2010 >	646	639	1	MF
ELANTRA 1.6 MDJ5	2011 >	628		1	MF
ELANTRA 1.8 MDJ5	2011 >	646		1	MF
110 1.1 FACELIFT	2011 >	616		1	MF
110	2011 >	616 B		1	MF
ELANTRA 1.6	2011 >	628		1	MF
ELANTRA 1.8	2011 >	646		1	MF
ACCENT MC	2012 >	612		1	MF
ACCENT RB	2012 >	612		1	MF
ATOS MXI	2012 >	615		1	MF
AZERA TG	2012 >	652		1	MF
ELANTRA HD1,6	2012 >	628		1	MF
ELANTRA HD2,0	2012 >	646		1	MF
ELANTRA MD1,6	2012 >	628		1	MF
ELANTRA MD2,0	2012 >	646		1	MF
GETZ TB 1,4	2012 >	634		1	MF
GETZ TB CRDI	2012 >	652		1	MF
H1 TQ 2,4	2012 >	652C		1	MF

PASSENGER VEHICLES

HYUNDAI					
Model Name	Year	Battery	Alternative	Quantity	Technology
H1 TQ DIESEL	2012 >	650		1	MF
H100	2012 >	650		1	MF
H100 2.5	2012 >	650		1	MF
HD65/72	2012 >	650		1	MF
110 1.1	2012 >	616		1	MF
110 1.2 GLS	2012 >	616		1	MF
110 FACELIFT 1100	2012 >	616		1	MF
110 FACELIFT 1200	2012 >	616		1	MF
120 1.2 16V	2012 >	619		1	MF
MATRIX FC	2012 >	628		1	MF
TERRACAN HP	2012 >	650		1	MF
VELOSTER	2012 >	628		1	MF
120 1,4 DIESEL	2012 - 2014	652		1	MF
SANTA FE CM DIESEL	2012 - 2014	650		1	MF
SANTA FE CM R-DIESEL 2,2	2012 - 2014	650		1	MF
SONATA NF	2012 - 2014	646		1	MF
I20	2012 >	612		1	MF
I20 DIESEL	2012 >	646		1	MF
I30 1.6	2012 >	612		1	MF
I30 1.8	2012 >	646		1	MF
SANTA FE 2.2D	2012 >	650S		1	MF
VELOSTER 1.6 GDI	2013 >	612		1	MF
130 1,6 FD	2014 >	628		1	MF
130 2,0 FD	2014 >	646		1	MF
130 GD	2014 >	646		1	MF
1X35 DIESEL	2014 >	650		1	MF
SANTA FE DM R-DIESEL 2,2	2014 >	650		1	MF
SONATA YF	2014 >	657		1	MF
120 1,4 DIESEL	2014 - 2015	646		1	MF
120 1,2 PETROL	2015 >	612		1	MF
120 1,4 6 SPEED	2015 >	612		1	MF
120 1,4 PETROL	2015 >	612		1	MF
ACCENT 1.4	2016 >	612		1	MF
ACCENT 1.6	2016 >	612		1	MF
ATOS 0.8	2016 >	616		1	MF
ATOS 1.0	2016 >	616		1	MF
ATOS 1.1	2016 >	616		1	MF
ELANTRA 1.6	2016 >	646		1	MF
ELANTRA 1.8	2016 >	646		1	MF
ELANTRA 2.0	2016 >	646		1	MF
ELANTRA 2.0 CRDI	2016 >	652		1	MF
H1 2.5 CRDI	2016 >	650		1	MF
H1 MULTI CAB 2.5 CRDI	2016 >	650		1	MF
H1 PANEL VAN 2.0	2016 >	638		1	MF
H1 PANEL VAN 2.7	2016 >	650		1	MF
110 1.0LT	2016 >	646		1	MF
110 1.1 CRDI	2016 >	628		1	MF

PASSENGER VEHICLES

HYUNDAI					
Model Name	Year	Battery	Alternative	Quantity	Technology
110 GRAND	2016 >	616		1	MF
120 1.1 CRDI	2016 >	652		1	MF
120 1.4 CRDI	2016 >	628		1	MF
120 1.6	2016 >	612		1	MF
120 1.6 CRDI	2016 >	628		1	MF
130 1.4	2016 >	612		1	MF
130 1.6	2016 >	612		1	MF
130 1.6 CRDI	2016 >	652		1	MF
130 2.0	2016 >	612		1	MF
SANTE FE 2.4	2016 >	650		1	MF
VELOSTER 1.6 GDI	2016 >	646		1	MF
VELOSTER 1.6 T-GDI	2016 >	646		1	MF

JAGUAR					
Model Name	Year	Battery	Alternative	Quantity	Technology
XJ6 4.2	1969 - 1977	622		1	MF
XJ6 4.2 EXECUTIVE	1974 - 1980	622		1	MF
XJ6 3.6	1978 >	628	646	1	MF
S - TYPE	1989 >	668	654	1	MF
XK8 4.0	1997 - 2001	658		1	MF
XJ8 4.0	1997 - 2003	658		1	MF
S-TYPE 3.0	1998 -	658		1	MF
XJ8, XK, SERIES	2000 >	658	654	1	MF
S - TYPE ALL MODELS	2000 >	658	654	1	MF
X-TYPE 3.0	2001 >	668		1	MF
S-TYPE 4.0	2002 >	658		1	MF
S-TYPE 4.2	2002 - 2004	658		1	MF
XK8 4.2	2002 - 2006	658		1	MF
XK8 4.2R	2002 - 2006	658		1	MF
S-TYPE 4.2R	2002 - 2007	658		1	MF
X-TYPE 2.0	2003 >	668		1	MF
XJ8 4.2	2003 - 2009	658		1	MF
S-TYPE 2.7D	2006 >	658		1	MF
XF 4.2 V8	2006 - 2009	668		1	MF
XF ALL MODELS	2007 >	658	654	1	MF
XJ ALL MODELS	2007 >	658	654	1	MF
XJR	2007 >	658	654	1	MF
XK8 CONVERTIBLE AND COUPE	2007 >	658	654	1	MF
XKR CONVERTIBLE PORTFOLIO / CONVERTIBLE / COUPE CONVERTIBLE	2007 >	658	654	1	MF
X - TYPE ALL MODELS	2007 >	658	654	1	MF
XF 3.0 V6	2008 >	668		1	MF
XF 2.7D	2008 - 2009	658		1	MF
XF 3.0D	2009 >	668		1	MF
XKR	2010 >	658		1	MF

PASSENGER VEHICLES

JMC					
Model Name	Year	Battery	Alternative	Quantity	Technology
JMC BOARDING 2.8D	2011 >	650		1	MF
JMC CARRYONG 2.8D	2011 >	650		1	MF

JEEP					
Model Name	Year	Battery	Alternative	Quantity	Technology
CHEROKEE ALL MODELS	2007 >	643	638	1	MF
COMMANDER ALL MODELS	2007 >	643	638	1	MF
COMPASS ALL MODELS	2007 >	643	638	1	MF
GRAND CHEROKEE ALL MODELS	2007 >	658		1	MF
WRANGLER ALL MODELS	2007 >	622	638	1	MF
PATRIOT ALL MODELS	2007 >	643	638	1	MF
WRANGLER SAHARA UNLIMITED DIESEL	2012 >	0E	658	1	MF
WRANGLER SAHARA V6 PETROL	2011 >	652		1	MF
COMPASS 2.4	2011 >	0E	612	1	MF
GRAND CHEROKEE ALL MODELS	2013 >	0E		1	MF
CHEROKEE V6 ALL SPORT	2013 >	643		1	MF

KIA					
Model Name	Year	Battery	Alternative	Quantity	Technology
PRIDE	1997 >	618		1	MF
SEPHIA	1997 >	618	646	1	MF
SHUMA	1997 >	639		1	MF
SPORTAGE	1997 >	649P	629	1	MF
CARENS	1997 >	643	646	1	MF
RIO	2000 >	628	621	1	MF
SPECTRA	2000 >	649		1	MF
CARNIVAL DIESEL	2000 >	674		1	MF
MAGENTIS 2I, 2.5I	2001 >	646		1	MF
SEDONA PETROL	2001 >	646		1	MF
SEDONA DIESEL	2001 >	650S		1	MF
SPORTAGE	2002 - 2006	646	649	1	MF
CARENS CRD	2002 >	650		1	MF
CARNIVAL (PETROL)	2002 >	646		1	MF
SORENTO	2002 >	671		1	MF
PREGIO	2004 >	658		1	MF
PICANTO	2004 >	616		1	MF
CERATO ALL MODELS	2007 >	628	646	1	MF
CERATO ALL MODELS	2007 >	628		1	MF
PICANTO ALL MODELS	2007 >	616		1	MF
RIO ALL MODELS	2007 >	628		1	MF
SORENTO ALL MODELS	2007 >	671		1	MF
SPORTAGE ALL MODELS	2007 >	643		1	MF
SOUL	2010 >	618		1	MF
PRO_CEE'D	2010 >	646		1	MF
SEDONA	2010 >	668		1	MF
CERATO KOUP	2010 >	646		1	MF
CERATO	2010 >	646		1	MF

PASSENGER VEHICLES

KIA					
Model Name	Year	Battery	Alternative	Quantity	Technology
K 2700	2010 >	650		1	MF
RIO	2010 >	612		1	MF
SPORTAGE PETROL	2010 >	649		1	MF
SPORTAGE DIESEL	2010 >	650		1	MF
SORENTO DIESEL	2010 >	650		1	MF
PICANTO	2011 >	616		1	MF
CERATO ALL MODELS	2013 >	646		1	MF
CERATO COUP 1.6 TURBO GDI AUTO	2015 >	628	646	1	MF
CERATO COUP 1.6 TURBO GDI MAN	2015 >	628	646	1	MF
CERATO HACTH 1.6 MAN EX	2015 >	628	646	1	MF
CERATO HATCH 1.6 AUTO EX	2015 >	628	646	1	MF
CERATO HATCH 2.0 AUTO EX	2015 >	628	646	1	MF
CERATO HATCH 2.0 AUTO SX	2015 >	628	646	1	MF
CERATO HATCH 2.0 MAN EX	2015 >	628	646	1	MF
CERATO HATCH 2.0 MAN SX	2015 >	628	646	1	MF
CERATO SEDAN 1.6 EX AUTO	2015 >	628	646	1	MF
CERATO SEDAN 1.6 EX MAN	2015 >	628	646	1	MF
CERATO SEDAN 2.0 EX AUTO	2015 >	628	646	1	MF
CERATO SEDAN 2.0 EX MAN	2015 >	628	646	1	MF
CERATO SEDAN 2.0 SX AUTO	2015 >	628	646	1	MF
CERATO SEDAN 2.0 SX MAN	2015 >	628	646	1	MF
PICANTO 1.0 LS MAN	2015 >	616		1	MF
PICANTO 1.0 LX AUTO	2015 >	616		1	MF
PICANTO 1.0 LX MAN	2015 >	616		1	MF
PICANTO 1.2 EX AUTO	2015 >	616		1	MF
PICANTO 1.2 EX MAN	2015 >	616		1	MF
RIO	2015 >	628		1	MF
RIO HATCH 1.2 MAN	2015 >	612		1	MF
RIO HATCH 1.4 AUTO	2015 >	612		1	MF
RIO HATCH 1.4 MAN	2015 >	612		1	MF
RIO HATCH 1.4 TEC AUTO	2015 >	612		1	MF
RIO HATCH 1.4 TEC MAN	2015 >	612		1	MF
RIO SEDAN 1.2 MAN	2015 >	612		1	MF
RIO SEDAN 1.4 AUTO	2015 >	612		1	MF
RIO SEDAN 1.4 MAN	2015 >	612		1	MF
RIO SEDAN 1.4 TEC AUTO	2015 >	612		1	MF
RIO SEDAN 1.4 TEC MAN	2015 >	612		1	MF
SEDONA 2.2 CRDI EX 11 SEAT	2015 >	650		1	MF
SEDONA 2.2 CRDI EX 7 SEAT	2015 >	650		1	MF
SEDONA 2.2 CRDI SX 7 SEAT	2015 >	650		1	MF
SEDONA 2.2 CRDI SXL 7 SEAT	2015 >	650		1	MF
SEDONA 3.3 V6 SX 7 SEAT	2015 >	639		1	MF
SEDONA 3.3 V6 SXL 7 SEAT	2015 >	639		1	MF
SEDONA DIESEL	2015 >	650		1	MF
SOUL 1.6 AT DSL SMART	2015 >	628		1	MF
SOUL 1.6 AT START	2015 >	628		1	MF
CEED	2016 >	628		1	MF

PASSENGER VEHICLES

KIA					
Model Name	Year	Battery	Alternative	Quantity	Technology
CERATO 1.5 CRDI	2016 >	652		1	AGM
CERATO 1.6	2016 >	646		1	MF
CERATO 1.6 CRDI	2016 >	652		1	AGM
CERATO 1.6 CVVT	2016 >	646		1	MF
CERATO 2.0	2016 >	646		1	MF
CERATO 2.0 CRDI	2016 >	652		1	AGM
PICANTO 1.0	2016 >	615		1	MF
PICANTO 1.1	2016 >	615		1	MF
PICANTO 1.1 CRDI	2016 >	646		1	MF
RIO 1.1 CRDI	2016 >	652		1	MF
RIO 1.2 CWT	2016 >	646		1	MF
RIO 1.25 CWT	2016 >	646		1	MF
RIO 1.4 CRDI	2016 >	639		1	MF
RIO 1.4 CWT	2016 >	652		1	MF
RIO 1.6 CWT	2016 >	639		1	MF
SOUL 1.6 CRDI	2016 >	646		1	MF

LADA NIVA					
Model Name	Year	Battery	Alternative	Quantity	Technology
NIVA ALL MODELS	1987 >	622	638	1	MF
NIVA	1999 >	643		1	MF

LAMBORGHINI					
Model Name	Year	Battery	Alternative	Quantity	Technology
COUNTACH	1995 >	638		1	MF
COUNTACH ALL MODELS	2000 >	652		1	MF
GALLARDO COUPE/E - GEAR	2007 >	652		1	MF
GALLARDO SPYDER /E - GEAR	2007 >	652		1	MF
GALLARDO SUPERLEGGERA E - GEAR	2007 >	652		1	MF
MURCIELAGO LP640 COUPE E - GEAR	2007 >	652		1	MF
MURCIELAGO LP640 ROADSTER E - GEAR	2007 >	652		1	MF
DIABLO	2012 >	658		1	AGM
GALLARDO	2014 >	669		1	MF

LANCIA					
Model Name	Year	Battery	Alternative	Quantity	Technology
BETA	1986 - 1993	628		1	MF
THEMA & GAMMA ALL MODELS	1986 - 1993	646		1	MF
KAPPA 2.0 TURBO, 3.0 V6	1995 - 1998	646		1	MF
DELTA HPE TURBO	1998 >	646		1	MF

LAND ROVER					
Model Name	Year	Battery	Alternative	Quantity	Technology
DEFENDER & DISCOVERY	1992 >	638		1	MF
RANGE ROVER	1992 >	638		1	MF
DEFENDER & DISCOVERY V8 MODELS	1992 >	638		1	MF

PASSENGER VEHICLES

LAND ROVER					
Model Name	Year	Battery	Alternative	Quantity	Technology
RANGE ROVER	1992 >	638		1	MF
DEFENDER & DISCOVERY V8 MODELS	1992 - 1994	638		1	MF
RANGE ROVER 4.0 & 4.6L	1994 >	671		1	MF
DEFENDER V8	1995 >	622	638	1	MF
DEFENDER & DISCOVERY TDI (LOCAL MANU.)	1995 >	659		1	MF
DEFENDER TD5	1995 >	671		1	MF
DEFENDER TDI	1995 >	650	659	1	MF
DISCOVERY TDI	1995 >	671		1	MF
DISCOVERY V8	1995 >	638		1	MF
FREELANDER (IMPORT)	1998 >	646		1	MF
DISCOVERY TD5 DIESEL IMPORT	1999 >	671		1	MF
DISCOVERY V8 PETROL IMPORT	1999 >	671	637	1	MF
FREELANDER 2.0I TDI IMPORT	1999 >	652		1	MF
RANGE ROVER	1999 >	671		1	MF
DISCOVERY 3	2005 >	652		1	MF
LAND ROVER DEFENDER PETROL	2007 >	652		1	MF
LAND ROVER DEFENDER DIESEL	2007 >	674	658	1	MF
DISCOVERY ALL MODELS	2007 >	668	658	1	MF
FREELANDER ALL MODELS	2007 >	652	668	1	MF
RANGER ROVER SPORT ALL MODELS	2007 >	658		1	MF
RANGER ROVER TDV8 AT	2007 >	658		1	MF
RANGER ROVER V8 HSE AT*	2007 >	658		1	MF
DISCOVERY 4	2010 >	658		1	MF
RANGER ROVER SPORT	2010 >	658		1	MF
RANGER ROVER VOGUE V8SC AT	2011 >	658		1	MF
RANGE ROVER EVOQUE SI4 & SD4	2012 >	668		1	MF
RANGE ROVER SPORT	2012 >	658		1	MF

LEXUS					
Model Name	Year	Battery	Alternative	Quantity	Technology
LS400	1995 -	652		1	MF
IS200	2000 >	649	657	1	MF
GS300	2000 >	649		1	MF
LS430	2000 >	657		1	MF
R X 300	2000 >	652		1	MF
LS430	2001 - 2005	650		1	MF
GS300	2006 >	639		1	MF
IS250	2006 - 2009	639		1	MF
GS300/300SE	2007 >	639		1	MF
IS250/SE ALL MODELS	2007 >	OE		1	MF
LS460	2007 >	OE		1	MF
R X 350 AT AND XE AT	2007 >	OE		1	MF
SC	2010 >	652		1	MF
CT 200H	2011 >	649	639	1	MF
GS 350	2012 >	649	639	1	MF

PASSENGER VEHICLES

LEXUS					
Model Name	Year	Battery	Alternative	Quantity	Technology
LX 570	2012 >	650		1	MF
RX 350	2012 >	649	639	1	MF
IS 350 & ES 250	2013 >	649	639	1	MF

LOTUS					
Model Name	Year	Battery	Alternative	Quantity	Technology
ELISE	2005 >	618		1	MF
ELISE III R*	2007 >	618		1	MF
EXIGE AND S	2007 >	618		1	MF
EUROPA S	2007 >	618		1	MF
EVORA	2010 >	618		1	MF

MAHINDRA					
Model Name	Year	Battery	Alternative	Quantity	Technology
BOLERO ALL MODELS	2007 >	650		1	MF
SCORPIO ALL MODELS	2007 >	638		1	MF
XYLO	2010 >	650		1	MF
TAK TAK	2010 >	622		1	MF
THAR	2010 >	650		1	MF
QUANTO	2011 >	650		1	MF
ALL 2.2	2011 >	650		1	MF
XUV 500	2012 >	650		1	MF

MAYBACH					
Model Name	Year	Battery	Alternative	Quantity	Technology
57	2007 >	OEM		1	MF
62	2007 >	OEM		1	MF

MAZDA					
Model Name	Year	Battery	Alternative	Quantity	Technology
323 & 626	1977 - 1984	630		1	MF
323 ALL MODELS	1985 >	621	639	1	MF
626 ALL MODELS	1985 - 1992	621	639	1	MF
MARATHON 2.2	1991 >	622	638	1	MF
626 ALL MODELS INCL MX6	1993 >	649	639	1	MF
STING, MIDGE	1993 >	621	639	1	MF
ETUDE & ASTINA	1995 >	649	639	1	MF
SOHO	1997 >	618	619	1	MF
626 IMPORTED MODELS, MX6 & RX8	1999 >	649	639	1	MF
ETUDE	1999 >	649	639	1	MF
MX5	1999 >	636	639	1	MF
6, RX8	1999 >	649	639	1	MF
3	1999 >	621	639	1	MF

PASSENGER VEHICLES

MAZDA					
Model Name	Year	Battery	Alternative	Quantity	Technology
MX - 5 ROADSTER COUPE/ SOFT TOP	2003 >	636		1	MF
RX 8/5SPD AND 6 SPEED	2004 >	649	639	1	MF
2 ALL MODELS	2007 >	621	639	1	MF
3 AND SPORT ALL MODELS	2007 >	621	639	1	MF
6 ALL MODELS	2007 >	649	639	1	MF
CX 7 2.3	2007 >	649	639	1	MF
3	2010 >	639		1	MF
6	2010 >	649	639	1	MF
5 2L	2011 >	649	639	1	MF
CX 5	2012 >	649	639	1	MF

MASERATI					
Model Name	Year	Battery	Alternative	Quantity	Technology
GRAN SPORT CAMBIOCORSA	2007 >	OEM		1	MF
QUATTROPORTE AUTO CLASSIC*	2007 >	OEM		1	MF
QUATTROPORTE DUO SELECT CLASSIC	2007 >	OEM		1	MF
GRAN SPORT CAMBRIOSIA	2011 >	658		1	AGM
QUATTROPORTE AUTO CLASSIC	2011 >	658		1	AGM
QUATTROPORTE DUO SELECT CLASSIC	2011 >	658		1	AGM
GRANTURISMO AND GRANCABRIO	2012 >	658		1	AGM

MERCEDES					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL 8 CYL MODELS	1988 >	654	658	1	MF
C,E & S, CL, CLK, SL, SLK, CLASSES	1995 >	658		1	MF
ML 270CDI, 320, 430 + SPRINTER	2000 >	658		1	MF
A CLASS	2000 - 2006	646		1	MF
VITO CREW BUS/VAN	2004 >	651		1	MF
A CLASS NEW MODELS	2005 >	646		1	MF
A ALL MODELS	2007 >	646		1	MF
B SERIES	2007 >	646		1	MF
C/CL AND CLK ALL MODELS	2007 >	668		1	MF
E ALL MODELS	2007 >	668		1	MF
G55 AND GL ALL MODELS	2007 >	668		1	MF
ML ALL MODELS	2007 >	668		1	MF
S/SL AND SLK ALL MODELS	2007 >	668		1	MF
GL 320, 500	2007 >	668		1	MF
E CLASS AND COUPE	2010 >	658	668	1	AGM
CLS AND CLC	2010 >	668		1	AGM
R CLASS	2010 >	668		1	MF
C CLASS 180 & 200 NON STOP START	2011 >	658		1	AGM
C250 CDI & C350 CBI	2011 >	658		1	AGM
SLK ALL	2014 >	658		1	MF
CLA 180 & 200	2012 >	658		1	AGM
CLA 220 CDI	2012 >	658		1	AGM
CLS ALL MODELS	2012 >	658		1	AGM

PASSENGER VEHICLES

MERCEDES					
Model Name	Year	Battery	Alternative	Quantity	Technology
C63 AMG	2012 >	658		1	AGM
B CLASS ALL MODELS	2012 >	652		1	AGM
S CLASS	2012 >	668 & 658		2	AGM
NEW A CLASS ALL MODELS	2014 >	668		1	AGM

MINI					
Model Name	Year	Battery	Alternative	Quantity	Technology
COOPER/CONVERTIBLE/ CVT AND S ALL MODELS	2004 - 2007	646		1	MF
COOPER/CONVERTIBLE/ CVT AND S ALL MODELS	2008 >	652		1	MF
COOPER COUNTRY	2011 >	652	646	1	SMF
COOPER 1.6 66KW	2002 - 2006	646		1	SMF
COOPER 1.65 120KW	2004 - 2006	646		1	SMF
COOPER WORKS 147KW	2003 - 2005	646		1	SMF
COOPER WORKS 155KW	2003 - 2007	646		1	SMF

MITSUBISHI					
Model Name	Year	Battery	Alternative	Quantity	Technology
COLT INCL GALANT, TREDIA 1400, 1600, 1800 & TURBO	1974 - 1993	630	631	1	MF
L300 & STARWAGON	1983 >	630	634	1	MF
MODELS COLT	1985 >	621	639	1	MF
PAJERO	1993 >	650	657	1	MF
PAJERO 2800 INTERCOOLED TURBO + OUTLANDER	1999 >	657	650	1	MF
PAJERO 3500 INTERCOOLED TURBO	1999 >	650	657	1	MF
PAJERO IO	2000 >	649	639	1	MF
LANCER ALL MODELS	2003 >	621	649	1	MF
LANCER ALL MODELS	2007 >	646		1	MF
OUTLANDER 2.2	2007 >	639		1	MF
PAJERO ALL MODELS	2007 >	650R		1	MF
TRITON ALL MODELS	2007 >	674PE		1	MF
PAJERO SPORT	2010 >	650R		1	MF
ASX 2L	2011 >	649	639	1	MF
PAJERO 3.2D	2011 >	649	639	1	MF

MG					
Model Name	Year	Battery	Alternative	Quantity	Technology
MGB	1980 >	622	638	1	MF
TF, ZR & ZT	2003 >	646		1	MF

MORGAN					
Model Name	Year	Battery	Alternative	Quantity	Technology
MORGAN/ROADSTER/AERO ALL MODELS	2005 >	622	638	1	MF

NISSAN					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	1972 - 1992	610	638	1	MF

PASSENGER VEHICLES

NISSAN					
Model Name	Year	Battery	Alternative	Quantity	Technology
SENTRA, SABRE, MAXIMA	1992 >	621	639	1	MF
SX 1.8, 2.0, ZX, 2.8, 3.0	1994 >	621	639	1	MF
MAXIMA QX 2.0 & 3.0	1997 >	621	639	1	MF
PRIMERA	1998 >	646		1	MF
PRIMERA	2000 - 2004	646		1	MF
MAXIMA	2000 - 2004	649	639	1	MF
ALMERA	2000 - 2005	621	639	1	MF
TERRANO, PATROL PETROL	2000 >	622	638	1	MF
TERRANO, PATROL DIESEL	2000 >	657		1	MF
XTRAIL PETROL BEFORE DISCONNECTING BATTERY REFER TO AGENTS	2003 >	621	639	1	MF
XTRAIL DIESEL BEFORE DISCONNECTING BATTERY REFER TO AGENTS	2003 >	657		1	MF
MICRA	2004 >	618	612	1	MF
350Z	2004 >	646	639	1	MF
PATHFINDER PETROL/DIESEL	2005 >	646		1	MF
1400 ALL MODELS	2007 >	610		1	MF
350Z COUPE* AND ROADSTER	2007 >	639		1	MF
HARDBODY ALL MODELS	2007 >	622		1	MF
MICRA ALL MODELS	2007 >	618		1	MF
MURANO	2007 >	638		1	MF
NAVARA ALL MODELS	2007 >	646	652	1	MF
PATHFINDER ALL MODELS PETROL/DIESEL	2007 >	646	638	1	MF
PATROL ALL MODELS	2007 >	646	638	1	MF
TIIDA ALL MODELS	2007 >	631		1	MF
X - TRAIL ALL MODELS	2007 >	639		1	MF
LIVINA ALL MODELS	2007 >	631	636 (flat)	1	MF
GRAND LIVINA ALL MODELS	2007 >	631	637 (flat)	1	MF
QASHQAI ALL MODELS	2007 >	639	646 Euro lid	1	MF
PRIMASTAR 1.9 DCI 100	2007 >	639		1	MF
NP 200	2010 >	646		1	MF
370 Z	2010 >	639		1	MF
GTR	2010 >	636		1	MF
JUKE 1.6 TURBO	2011 >	646 euro lid		1	MF
JUKE 1.6 T	2014 >	646		1	MF
JUKE 1.6 T CVT 4WD	2014 >	646		1	MF
ALMERA 1.5	2014 >	621		1	MF
JUKE 1.5DCI	2014 >	646		1	MF
JUKE 1.6 CVT 2WD	2014 >	646		1	MF
SENTRA	2014 >	649		1	MF
JUKE 1.6 TURBO	2014 >	649		1	MF
ALMERA	2014 >	612	628	1	MF
DATSUN GO 1.2	2015 >	616		1	MF
GT-R 3.8 TWIN TURBO	2015 >	658		1	MF
JUKE 1.2T	2015 >	639		1	MF
JUKE 1.5DCI	2015 >	639		1	MF
JUKE 1.6T	2015 >	639		1	MF
370Z 3.7	2016 >	639		1	MF
GRAND LIVINA 1,6	2016 >	631		1	MF

PASSENGER VEHICLES

OPEL					
Model Name	Year	Battery	Alternative	Quantity	Technology
REKORD, SENATOR ALL MODELS	1982 - 1990	622	638	1	MF
ASCONA, KADETT & MONZA ALL MODELS	1984 - 1993	628	646	1	MF
ASTRA, KADETT 1.3, 1.4	1993 - 1998	628	646	1	MF
ASTRA, KADETT 1.6, 1.8 & 2.0	1993 - 1998	646	651	1	MF
CORSA ALL MODELS	1999 >	618	628	1	MF
ASTRA CS, CD, 1.6 & 2.0	1999 >	651		1	MF
OMEGA. CARAVAN, COUPE	2001 >	652	646	1	MF
CORSA (PETROL)	2002 >	628		1	MF
CORSA (DIESEL)	2002 >	646		1	MF
MERIVA & NEW ASTRA	2004 >	651		1	MF
NEW CORSA (PETROL)	2005 >	628		1	MF
NEW CORSA (DIESEL)	2005 >	651		1	MF
ASTRA 1.4 ESSENTIA*	2007 >	651		1	MF
ASTRA 1.6 ENJOY	2007 >	651		1	MF
ASTRA 1.6 ESSENTIA	2007 >	651		1	MF
ASTRA 1.8 ENJOY	2007 >	651		1	MF
ASTRA 1.9 CDTI ENJOY	2007 >	651	652	1	MF
ASTRA 1.8 SPORT	2007 >	651	652	1	MF
ASTRA 2.0 TURBO SPORT	2007 >	651	652	1	MF
ASTRA GTC 1.8	2007 >	651	652	1	MF
ASTRA GTC 1.8 SPORT	2007 >	651	652	1	MF
ASTRA GTC 1.9 CDTI	2007 >	651	652	1	MF
ASTRA GTC 1.9 CDTI SPORT	2007 >	651	652	1	MF
ASTRA GTC 2.0 TURBO SPORT	2007 >	651	652	1	MF
ASTRA GTC2.0 TURBO*	2007 >	651	652	1	MF
ASTRA GTC 2.0 TURBO OPC*	2007 >	651	652	1	MF
ASTRA TWINTOP 1.8 ENJOY	2007 >	651	652	1	MF
ASTRA TWINTOP 2.0 TURBO COSMO*	2007 >	646		1	MF
CORSA CLASSIC 1.4 ESSENTIA	2007 >	628		1	MF
CORSA CORSA CLASSIC 1.6 ESSENTIA	2007 >	651	652	1	MF
CORSA CORSA CLASSIC 1.7 CDTI ENJOY	2007 >	628	652	1	MF
CORSA CORSA HATCH 1.4 CLUB	2007 >	628		1	MF
CORSA CORSA HATCH 1.4 SPORT	2007 >	628		1	MF
CORSA CORSA HATCH 1.6 SPORT	2007 >	651		1	MF
CORSA CORSA HATCH 1.7 CDTI ELEGANCE	2007 >	628		1	MF
CORSA CORSA HATCH 1.8 GSI*	2007 >	628		1	MF
CORSA LITE	2007 >	618		1	MF
CORSA LITE SPORT	2007 >	618		1	MF
MERIVA 1.4 ESSENTIA	2007 >	646		1	MF
MERIVA 1.6 ENJOY	2007 >	651		1	MF
MERIVA 1.7 CDTI ENJOY	2007 >	646		1	MF
TIGRA 1.4 ENJOY	2007 >	646		1	MF
TIGRA 1.8 SPORT	2007 >	646		1	MF
PARTNER	2007 >	646		1	MF
ASTRA TWINTOP 1.8, 2.0	2007 >	652	651	1	MF
ASTRA OPC 2.0 & 2.0T	2007 >	652	651	1	MF
VIVARO 2.0	2007 >	646		1	MF

PASSENGER VEHICLES

OPEL					
Model Name	Year	Battery	Alternative	Quantity	Technology
VIVARO 1.9 DIESEL	2007 >	646		1	MF
MOVANO 2.5	2007 >	651	652	1	MF
ASTRA ALL MODELS	2007 >	646			
MIRIVA 1.4	2012 >	646		1	MF
ASTRA OPC	2013 >				

PEUGEOT					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	1996 >	612	628	1	MF
ALL MODELS	1999 >	612	618	1	MF
ALL MODELS	2004 >	646		1	MF
ALL MODELS	2005 >	646	628	1	MF
ALL MODELS	2005 >	612	618	1	MF
107 ALL MODELS	2007 >	612	646	1	MF
206 ALL MODELS	2007 >	618		1	MF
207 ALL MODELS	2007 >	612		1	MF
307 ALL MODELS	2007 >	646		1	MF
407 ALL MODELS	2007 >	646		1	MF
607*	2007 >	646		1	MF
807 2.2 HDI PULLMAN	2007 >	646		1	MF
308	2010 >	646		1	MF
3008	2010 >	652		1	MF
5008	2010 >	652		1	MF
208 ALL MODELS	2011 >	652		1	MF
4008	2012 >	650		1	MF
208 HDI	2012 >	649		1	MF
PEUGEOT	2013 >	651		1	MF

PORSCHE					
Model Name	Year	Battery	Alternative	Quantity	Technology
CARRERA T, S & E	1980 >	628	629	2	MF
911 5 & 5.3 L T	1980 >	652		1	MF
924 & TURBO	1980 >	628	629	1	MF
928, 928S	1980 >	652		1	MF
944 & TURBO	1983 >	646		1	MF
BOXSTER	1997 >	651		1	MF
911 CARRERA, TURBO, GT2	1997 >	658	654	1	MF
CAYENNE	2005 >	651		1	MF
CAYENNE ALL MODELS	2007 >	658	654	1	MF
911 CARRERA/S/4/4S/ CABRIO AND TIPTRONIC	2007 >	658		1	MF
911 CARRERA 4 TARGA/4/ 4S AND TIPTRONIC	2007 >	658		1	MF
911 TURBO CABRIO	2007 >	658		1	MF
911 TURBO*	2007 >	651		1	MF
BOXSTER /S AND TIPTRONIC	2007 >	651		1	MF
CAYENNE S TIPTRONIC S/ V6 AND TURBO	2007 >	658		1	MF
CAYMAN S/ AND TIPTRONIC	2007 >	658		1	MF

PASSENGER VEHICLES

PORSCHE					
Model Name	Year	Battery	Alternative	Quantity	Technology
GT3/RS*	2007 >	658		1	MF
PANAMERA	2010 >	652		1	MF
BOXTER 2.7	2012 >	652		1	MF

PROTON					
Model Name	Year	Battery	Alternative	Quantity	Technology
GEN. 2 ALL MODELS	2005 >	628	636	1	MF
SATRIA NEO 1.6	2005 >	628	636	1	MF
SAVVY ALL MODELS	2005 >	628	636	1	MF
SATRIA NEO 1.6 GLX	2005 >	628		1	MF
GEN 2 1.6	2006 >	640		1	MF
SATRIA NEO 1.6	2006 >	640		1	MF
SAVVY 1.2	2006 >	615		1	MF
PERSONA	2010 >	646		1	MF
SAGA	2010 >	646		1	MF

RANGE ROVER					
Model Name	Year	Battery	Alternative	Quantity	Technology
RANGE ROVER SPORT ALL MODELS	2007 >	658		1	MF
RANGE ROVER TDV8 AT	2007 >	658		1	MF
RANGE ROVER V8 HSE AT*	2007 >	658		1	MF
RANGE ROVER VOGUE V8SC AT	2011 >	658		1	MF
RANGE ROVER EVOQUE ALL	2011 >	668		1	MF
RANGE ROVER SPORT ALL MODELS	2012 >	658		1	MF

RENAULT					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	1986 >	630		1	MF
ALL MODELS	1996 >	628		1	MF
MEGANE 1.4, 1.6, 1.8, 2.0L INCL. HATCH	1996 >	646	634	1	MF
COUPE 16V	1996 >	628	612	1	MF
LAGUNA	1996 >	652	651	1	MF
SPIDER	2003 >	612		1	MF
ESPACE	2003 >	646		1	MF
SCENIC 1.6, 2.0L	2003 >	612	625	1	MF
CLIO 1.4, 1.6, 2.0	2004 >	652	618	1	MF
VEL SATIS, CONNOISSEUR	2005 >	652		1	MF
KANGOO MALTIX	2005 >	612		1	MF
MODUS	2005 >	646	618	1	MF
SCENIC 2	2005 >	652	628	1	MF
GRAND SCENIC	2005 >	643		1	MF
1.2 VA VA VOOM 3 -DR ALL MODELS	2007 >	612	618	1	MF
CLIO 3 ALL MODELS	2007 >	612	618	1	MF
LAGUNA ALL MODELS	2007 >	646	651	1	MF
MEGANE ALL MODELS	2007 >	646		1	MF
MODUS ALL MODELS	2007 >	646		1	MF

PASSENGER VEHICLES

RENAULT					
Model Name	Year	Battery	Alternative	Quantity	Technology
ESPACE 3.5 V6 PRIVILEGE AT	2007 >	652		1	MF
CLIO	2010 >	646		1	MF
SCENIC	2010 >	652		1	MF
TWINGO	2010 >	618		1	MF
LOGAN	2010 >	646		1	MF
SANDERO	2010 >	646		1	MF
MEGANE	2010 >	652		1	MF
KOLEOS	2010 >	639		1	MF
SANDERO	2013 >	646		1	MF
CLIO NEW ALL MODELS	2013 >	652		1	MF
DUSTER	2013 >	652		1	MF
MEGANE NEW ALL MODELS	2014 >	652		1	MF
SANDERO	2014 >	612		1	MF
KADJAR 1.2	2016 >	652		1	MF
MEGANE	2016 >	646		1	MF

ROLLS ROYCE					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	1993 >	650		1	MF
PHANTOM	2010 >	658		1	AGM
GHOST WRAITH	2011 >	658		1	AGM

ROVER					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	2002 >	652	651	1	MF
2600 SD SDX	1978 - 1984	622		1	MF
3500 SDE SDS	1978 - 1984	622		1	MF
75 2.5	2001 >	622		1	MF
V8 SPORT	1971 - 1975	622		1	MF

SAAB					
Model Name	Year	Battery	Alternative	Quantity	Technology
900SE	1995 >	646	652	1	MF
900CD, CS, CDE, CSE	1995 >	652		1	MF
9 - 3E, 9 - 5 SE, GRIFFIN	1997 >	652		1	MF
9 - 3 ALL MODELS	2007 >	646	652	1	MF
9 - 3 2.8 AERO	2007 >	646	652	1	MF
9 - 3 CONVERTIBLE ALL MODELS	2007 >	646	652	1	MF
9 - 5 2.3T HD AERO	2007 >	646	652	1	MF

SEAT					
Model Name	Year	Battery	Alternative	Quantity	Technology
IBIZA 1.4, 1.6 SPORT	2006 >	646		1	MF
IBIZA 1.8T CUPRA	2006 >	652		1	MF
IBIZA 1.9 TDI	2006 >	652		1	MF

PASSENGER VEHICLES

SEAT					
Model Name	Year	Battery	Alternative	Quantity	Technology
IBIZA 2.0	2006 >	652		1	MF
IBIZA 1.9 TDI CUPRA 3 DR	2006 >	652		1	MF
LEON ALL MODELS	2006 >	652		1	MF
ALTEA 2.0 FSI	2006 >	652		1	MF
ALTEA 2.0 TDI	2006 >	652		1	MF
LEON 2.0 FSI	2006 >	652		1	MF
LEON 2.0 TDI	2006 >	652		1	MF

SMART					
Model Name	Year	Battery	Alternative	Quantity	Technology
FOUR TWO CABRIO & COUPE ALL MODELS	2004 >	612	618	1	MF
FOUR TWO ALL MODELS	2004 >	612	618	1	MF
FORTWO MHD PULSE	2015	619		1	MF
FORTWO MHD PURE	2015	619		1	MF
FORTWO PASSION CABRIO	2015	619		1	MF

SSANGYONG					
Model Name	Year	Battery	Alternative	Quantity	Technology
MUSSO RANGE PETROL	1996 >	643		1	MF
MUSSO RANGE DIESEL	1996 >	650		1	MF
KORANDO RANGE PETROL	1996 >	622	638	1	MF
KORANDO RANGE DIESEL	1996 >	650		1	MF
REXTON	2004 >	650	657	1	MF
STAVIC	2005 >	650		1	MF
ACTYON ALL MODELS	2007 >	638		1	MF
KORANDO K290 EL	2007 >	638	622	1	MF
KYRON ALL MODELS	2007 >	638		1	MF
MUSSO ALL MODELS	2007 >	643		1	MF
REXTON ALL MODELS	2007 >	650	657	1	MF
KYRON	2007 >	650	638	1	MF
REXTON	2007 >	650	657	1	MF
ACTYON	2007 >	650		1	MF
STAVIC	2007 >	650		1	MF
STAVIC	2010 >	650		1	MF
ACTYON	2010 >	650		1	MF
ACTYON SPORT 2.4 D/C DIESEL	2013 >	650	657	1	MF

SUBARU					
Model Name	Year	Battery	Alternative	Quantity	Technology
IMPREZA	1995 >	634		1	MF
LEGACY	1995 >	634		1	MF
FORESTER	1995 >	634		1	MF
OUTBACK	1995 >	634		1	MF
SOME MODELS	1995 >	636		1	MF
B9 TRIBECA AT*	1995 >	631		1	MF
FORESTER ALL MODELS	1995 >	649	639	1	MF

PASSENGER VEHICLES

SUBARU					
Model Name	Year	Battery	Alternative	Quantity	Technology
IMPREZA ALL MODELS	1995 >	615	630	1	MF
LEGACY ALL MODELS	1995 >	639	634	1	MF
OUTBACK ALL MODELS	1995 >	639	634	1	MF
TRIBECA	2010 >	646		1	MF
OUTBACK DIESEL 3.6R	2010 >	638		1	MF
XV 2.0	2013 >	615		1	MF

SUZUKI					
Model Name	Year	Battery	Alternative	Quantity	Technology
JIMNY	2008 >	615	630	1	MF
SWIFT	2008 >	615	630	1	MF
SX4	2008 >	638		1	MF
GRAND VITARA 2.4, 3.2 V6	2008 >	638		1	MF
ALTO	2010 >	615	630	1	MF
ERTIGA 1.4 GA	2016 >	616		1	MF
ERTIGA 1.4 GL AT	2016 >	616		1	MF
ERTIGA 1.4 GL MT	2016 >	616		1	MF
SWIFT DZIRE 1.2 GA 5MT	2016 >	616		1	MF
SWIFT DZIRE 1.2 GL 4AT	2016 >	616		1	MF
SWIFT DZIRE 1.2 GL 5MT	2016 >	616		1	MF
SWIFT HATCH 1.2 GA MT	2016 >	616		1	MF
SWIFT HATCH 1.2 GL AT	2016 >	616		1	MF
SWIFT HATCH 1.2 GL MT	2016 >	616		1	MF
SWIFT HATCH 1.4 GLS	2016 >	616		1	MF
SWIFT HATCH 1.4 GLS AT	2016 >	616		1	MF
SWIFT HATCH 1.6 SPORT	2016 >	616		1	MF

TATA					
Model Name	Year	Battery	Alternative	Quantity	Technology
INDICA	2004 >	615	630	1	MF
INDIGO	2004 >	615	630	1	MF
B - LINE LE	2004 >	615	630	1	MF
INDICA ALL MODELS	2004 >	615	630	1	MF
INDIGO ALL MODELS	2004 >	615	630	1	MF
XENON 3.0 DIESEL	2004 >	650		1	MF
SAFARI 4X4	2010 >	650		1	MF
XENON	2010 >	650		1	MF
INDICA ALL NEW MODELS	2013 >	618	628	1	MF
INDICA L6I	2015 >	616		1	MF
INDICA L6I SPORT	2015 >	616		1	MF

TOYOTA					
Model Name	Year	Battery	Alternative	Quantity	Technology
CRESSIDA	1980 - 1992	622	638	1	MF
COROLLA, CONQUEST, SPRINTER, AVANTI, TRD	1987 >	631	630	1	MF
COROLLA, CONQUEST, RSI TWINCAM	1988 - 1996	618	628	1	MF

PASSENGER VEHICLES

TOYOTA					
Model Name	Year	Battery	Alternative	Quantity	Technology
PREVIA & SUPRA	1990 >	622	638	1	MF
HI ACE ALL MODELS	1990 >	622	638	1	MF
VENTURE & CONDOR DIESEL	1990 >	643	652	1	MF
VENTURE & CONDOR PETROL	1990 >	618	628	1	MF
CAMRY ALL MODELS	1992 >	646	628	1	MF
VENTURE 2.4 DIESEL	1993 >	643		1	MF
CONQUEST, TAZZ ALL MODELS	1996 >	618	619	1	MF
PREVIA	1996 >	622		1	MF
RAV 4	1996 >	610	622	1	MF
COROLLA - SPECIFY RAISED TOP BATTERY	1997 - 1999	636		1	MF
LANDCRUISER & PRADO DIESEL	1997 >	657		1	MF
LANDCRUISER & PRADO PETROL	1997 >	650	639	1	MF
HI - ACE	1999 >	621	643	1	MF
CONDOR	2000 >	643		1	MF
CONDOR DIESEL	2000 >	657		1	MF
MR2	2001 >	657	631	1	MF
NEW COROLLA	2002 >	631		1	MF
CONDOR ALL MODELS	2004 >	643		1	MF
RUNX	2003 >	646	631	1	MF
VERSO	2004 >	646	618	1	MF
RAV 4	2004 >	610	638	1	MF
AURIS 1.4 RS & RT*	2007 >	631	636	1	MF
AURIS 1.6 RS, RS MMT & RT	2007 >	631	636	1	MF
AURIS 1.8 RS	2007 >	631	636	1	MF
AURIS 1.8 RX	2007 >	636		1	MF
AURIS 2.0 D - 4D RS	2007 >	636		1	MF
AURIS 2.0 D - 4D RX	2007 >	636		1	MF
AVENSIS 2.0 ADVANCED	2007 >	646		1	MF
AVENSIS 2.4 EXCLUSIVE	2007 >	646		1	MF
AVENSIS D - 4D EXCLUSIVE*	2007 >	646		1	MF
COROLLA ALL MODELS	2007 >	646	652	1	MF
FORTUNER ALL MODELS	2007 >	668		1	MF
L/C PRADO ALL MODELS	2007 >	650	657	1	MF
LAND CRUISER ALL MODELS	2007 >	650	639	1	MF
PRIUS HYBRID ECVT	2007 >	646	652	1	MF
QUANTUM ALL MODELS	2007 >	638	650	1	MF
RAV 4 ALL MODELS	2007 >	622	618	1	MF
YARIS ALL MODELS	2007 >	636		1	MF
VERSO	2010 >	646		1	MF
AURIS	2010 >	646		1	MF
RAV PETROL	2010 >	636		1	MF
AYGO	2011 >	619		1	MF
YARIS ALL MODELS	2011 >	636	612	1	MF
ETIOS	2012 >	615	621	1	MF
AURIS 1.3 & 1.6	2012 >	649		1	MF
AVANZA 1.3 SX	2012 >	616		1	MF
86	2012 >	622	643	1	MF

PASSENGER VEHICLES

TOYOTA					
Model Name	Year	Battery	Alternative	Quantity	Technology
VERSO 1.6 & 1.8	2013 >	646	612	1	MF
RAV 2.5	2013 >	649	639	1	MF
AURIS HYBRID	2015 >	646		1	MF
AURIS X	2015 >	646		1	MF
AURIS XI	2015 >	646		1	MF
AURIS XR	2015 >	646		1	MF
AURIS XR CVT	2015 >	646		1	MF
AURIS XS	2015 >	646		1	MF
AVANZA 1.3S	2015 >	615		1	MF
AVANZA 1.3SX	2015 >	615		1	MF
AVANZA 1.5SX	2015 >	615		1	MF
AVANZA 1.5SX AUTO	2015 >	615		1	MF
AVANZA 1.5TX	2015 >	615		1	MF
COROLLA 1.3 ESTEEM	2015 >	612		1	MF
COROLLA 1.3 PRESTIGE	2015 >	612		1	MF
YARIS 1.0	2015 >	612		1	MF
YARIS 1.3	2015 >	612		1	MF
YARIS 1.3 CVT	2015 >	612		1	MF
YARIS 1.5 HYBRID	2015 >	612		1	MF

TRIUMPH					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	1955 - 2000	622	638	1	MF

VOLKSWAGEN					
Model Name	Year	Battery	Alternative	Quantity	Technology
JUMBO GOLF, JETTA, FOX 13, W/O AIRCON (ALL 1600 - 1800)	1986 - 1993	628	647	1	MF
JUMBO GOLF 1300, CITI GOLF 1300, FOX 133 & JETTA	1986 - 1994	618	628	1	MF
KOMBI, MICROBUS, CARAVELLE	1989 >	647	646	1	MF
JUMBO GOLF, JETTA, FOX WITH AIRCON - 1600,1800 & 2.0L	1997 >	647	652	1	MF
GOLF 3 & JETTA 3 ALL MODELS INCL VR6	1997 >	646		1	MF
POLO PLAYA & CLASSIC 1.4 & 1.6	1999 >	646		1	MF
POLO PLAYA & CLASSIC 1.8	1999 >	646		1	MF
GOLF 4 & JETTA 2.0I HIGHLINE	1999 >	646		1	MF
GOLF 4 & JETTA 4 1.9 TDI	1999 >	652	656	1	MF
GOLF 4 & JETTA 4 GTI 1.8 TURBO	1999 >	646	652	1	MF
GOLF 4 & JETTA 4 - 1.6, 1.6I & COMFORTLINE	1999 >	646		1	MF
JETTA 2.3 V5	1999 >	652	656	1	MF
POLO PLAYA & CLASSIC 1.4 , 1.6 & 1.8	1999 >	646	652	1	MF
PASSAT 1.8, TURBO, 2.8	2000 >	646	652	1	MF
VW BEETLE	2000 >	646		1	MF
MICROBUS T3, SHARAN, T4/CARAVELLE	2000 >	646	652	1	MF
NEW POLO PETROL	2000 >	646		1	MF
NEW POLO DIESEL	2002 >	652		1	MF
GOLF, JETTA & PASSAT	2002 >	652		1	MF
TOURAN ALL MODELS	2004 >	652	646	1	MF

PASSENGER VEHICLES

VOLKSWAGEN					
Model Name	Year	Battery	Alternative	Quantity	Technology
GOLF 5	2005 >	652		1	MF
T5, CARAVELLE, 1.9 TDI	2005 >	652		1	MF
T5, CARAVELLE, 2.5, 3.2 V6	2005 >	658		1	MF
CADDY KOMBI	2005 >	647		1	MF
CADDY PANEL VAN	2005 >	652		1	MF
TOUAREG 4.2 V8	2005 >	658		1	MF
TOUAREG TDI V10	2005 >	658		1	MF
BEETLE ALL MODELS	2005 >	646		1	MF
CADDY ALL MODELS	2005 >	618		1	MF
CITI ALL MODELS	2005 >	628	629	1	MF
CROSS POLO 1.9 TDI	2005 >	646		1	MF
TOUAREG ALL MODELS	2005 >	658		1	MF
GOLF ALL MODELS	2005 >	652		1	MF
JETTA ALL MODELS	2005 >	652		1	MF
PASSAT ALL MODELS	2005 >	652		1	MF
POLO ALL MODELS	2005 >	646		1	MF
T5 ALL MODELS	2005 >	652		1	MF
T5 CARAVELLE ALL MODELS	2005 >	658		1	MF
EOS ALL MODELS	2007 >	646	658	1	MF
VIVO	2010 >	628		1	MF
VIVO CLASSIC	2010 >	628		1	MF
PASSAT	2010 >	652		1	MF
SCIROCCO	2010 >	652		1	MF
POLO ALL MODELS	2010 >	646		1	MF
GOLF 6	2010 >	646		1	MF
JETTA 5	2010 >	646		1	MF
CC	2010 >	658		1	MF
TIGUAN ALL MODELS	2010 >	646		1	MF
TOURAN	2010 >	646		1	MF
JETTA 6	2011 >	646		1	MF
TOUAREG BLU MOTION PETROL	2012 >	658		1	AGM
TOUAREG BLU MOTION DIESEL	2012 >	658		1	AGM
PASSAT BLUE MOTION PETROL	2012 >	652		1	AGM
TIGUAN BLUE MOTION PETROL	2012 >	652		1	AGM
TIGUAN BLUE MOTION DIESEL	2012 >	652		1	AGM
POLO 1.2 DIESEL BLUE MOTION	2012 >	652		1	AGM
GOLF 7 STOP START AND BLUE MOTION PETROL	2012 >	652		1	AGM
GOLF 7 STOP START AND BLUE MOTION DIESEL	2012 >	652		1	AGM
CC BLUE MOTION DIESEL	2012 >	658		1	AGM
BEETLE ALL MODELS	2012 >	646		1	MF
CC BLUE MOTION PETROL	2012 >	658		1	MF
GOLF COMFORTLINE	2015 >	652		1	MF
GOLF GTI	2015 >	652		1	MF
GOLF HIGHLINE	2015 >	652		1	MF
GOLF R	2015 >	652		1	MF
GOLF TRENDLINE	2015 >	652		1	MF
GOLF SV COMFORTLINE	2015 >	652		1	MF

PASSENGER VEHICLES

VOLKSWAGEN					
Model Name	Year	Battery	Alternative	Quantity	Technology
GOLF SV TRENDLINE	2015 >	652		1	MF
JETTA COMFORTLINE	2015 >	652		1	MF
JETTA CONCEPTLINE	2015 >	652		1	MF
JETTA HIGHLINE	2015 >	652		1	MF
JETTA TRENDLINE	2015 >	652		1	MF
PASSAT 3.2 V6 24V	2015 >	646		1	MF
PASSAT COMFORTLINE	2015 >	652		1	MF
PASSAT HIGHLINE	2015 >	652		1	MF
PASSAT R-LINE	2015 >	652		1	MF
POLO HATCH COMFORTLINE	2015 >	652		1	MF
POLO HATCH CROSS	2015 >	652		1	MF
POLO HATCH GTI	2015 >	652		1	MF
POLO HATCH HIGHLINE	2015 >	652		1	MF
POLO HATCH TRENDLINE	2015 >	652		1	MF
POLO SEDAN COMFORTLINE	2015 >	652		1	MF
POLO SEDAN TRENDLINE	2015 >	652		1	MF
POLO VIVO HATCH BLUELINE	2015 >	646		1	MF
POLO VIVO HATCH COMFORTLINE	2015 >	646		1	MF
POLO VIVO HATCH CONCEPTLINE	2015 >	646		1	MF
POLO VIVO HATCH ECLIPSE	2015 >	646		1	MF
POLO VIVO HATCH GT	2015 >	646		1	MF
POLO VIVO HATCH MAXX	2015 >	646		1	MF
POLO VIVO HATCH STREET	2015 >	646		1	MF
POLO VIVO HATCH TRENDLINE	2015 >	646		1	MF
POLO VIVO SEDAN BLUELINE	2015 >	646		1	MF
POLO VIVO SEDAN COMFORTLINE	2015 >	646		1	MF
POLO VIVO SEDAN CONCEPTLINE	2015 >	646		1	MF
POLO VIVO SEDAN ECLIPSE	2015 >	646		1	MF
POLO VIVO SEDAN TRENDLINE	2015 >	646		1	MF

VOLVO					
Model Name	Year	Battery	Alternative	Quantity	Technology
850, 950 , 960	1994 >	646		1	MF
S40, S60, S70, S80, S90, V40, V70, C70	1997 >	652	646	1	MF
ALL MODELS	2004 >	652		1	MF
XC 70 ALL MODELS	2005 >	652		1	MF
XC 90 ALL MODELS	2005 >	652		1	MF
DIESEL	2005 >	668		1	MF
C30 ALL MODELS	2007 >	646		1	MF
C70 ALL MODELS	2007 >	652		1	MF
S40 ALL MODELS	2007 >	646	652	1	MF
S40 T5 GEARTRONIC	2007 >	646	652	1	MF
S60, S80 ALL MODELS	2007 >	646	652	1	MF
XC90 ALL MODELS	2007 >	668		1	MF
V50	2010 >	652		1	MF
XC60	2010 >	652	646	1	AGM

PASSENGER VEHICLES

VOLVO					
Model Name	Year	Battery	Alternative	Quantity	Technology
XC70	2010 >	652		1	AGM
C30 D2	2011 >	652		1	AGM
S40 & S60	2011 >	652		1	AGM
S60 D3	2011 >	668		1	AGM
XS60	2011 >	652		1	AGM
V40 T3	2012 >	652		1	AGM
S60 D4 FWD DIESEL	2015 >	652		1	MF
S60 D5 FWD DIESEL	2015 >	652		1	MF
S60 T3 FWD PETROL AUTO	2015 >	652		1	MF
S60 T3 FWD PETROL MAN	2015 >	652		1	MF
S60 T4 FWD PETROL AUTO	2015 >	652		1	MF
S60 T5 FWD PETROL	2015 >	652		1	MF
S60 T6 FWD PETROL	2015 >	652		1	MF
V40 D2 FWD DIESEL	2015 >	652		1	MF
V40 D3 FWD DIESEL	2015 >	652		1	MF
V40 D4 FWD DIESEL	2015 >	652		1	MF
V40 T3 FWD PETROL AUTO	2015 >	652		1	MF
V40 T3 FWD PETROL MAN	2015 >	652		1	MF
V40 T4 FWD PETROL	2015 >	652		1	MF
V40 T5 FWD PETROL	2015 >	652		1	MF
V40 CROSS COUNTRY D3 FWD DIESEL	2015 >	652		1	MF
V40 CROSS COUNTRY D4 FWD DIESEL	2015 >	652		1	MF
V40 CROSS COUNTRY T4 FWD PETROL AUTO	2015 >	652		1	MF
V40 CROSS COUNTRY T4 FWD PETROL MAN	2015 >	652		1	MF
V40 CROSS COUNTRY T5 AWD PETROL	2015 >	652		1	MF
V60 D4 FWD DIESEL V60 D5 FWD DIESEL	2015 >	652		1	MF
V60 T3 FWD PETROL AUTO	2015 >	652		1	MF
V60 T4 FWD PETROL AUTO	2015 >	652		1	MF
V60 T5 FWD PETROL V60 T6 FWD PETROL	2015 >	652		1	MF
V60 CROSS COUNTRY D4 AWD DIESEL	2015 >	652		1	MF
V60 CROSS COUNTRY T5 AWD PETROL	2015 >	652		1	MF

LIGHT COMMERCIAL VEHICLES

ZOTYE

Model Name	Year	Battery	Alternative	Quantity	Technology
NOMAD 1.3 & 1.5	2010 >	631		1	MF

ASIA

Model Name	Year	Battery	Alternative	Quantity	Technology
WING CITY BLITZ 1,0	2016 >	622		1	MF
ROCTSA GT 4X4	2016>	621		1	MF
ROCTSA GT DIESEL 4X4	2016>	657		1	MF

AUDI

Model Name	Year	Battery	Alternative	Quantity	Technology
Q7	2015 >	658AGM		1	AGM

AUSTIN

Model Name	Year	Battery	Alternative	Quantity	Technology
MINI LDV & VANS ALL MODELS (BATTERY UNDER SEAT)	1975 - 1979	628	631	1	MF

BMW

Model Name	Year	Battery	Alternative	Quantity	Technology
M3 E36	1993 - 1996	651		1	MF
X3 2.0D E83	2005 - 2007	658AGM		1	AGM
X3 2.5I E83	2004 - 2006	658AGM		1	AGM
X3 3.0D E83	2004 >	658AGM		1	AGM
X3 3.0I E83	2004 - 2006	658AGM		1	AGM
X5 3.0D E53	2001 - 2006	658AGM		1	AGM
X5 3.0I E53	2001 >	658		1	MF
X5 4.4I E53	2000 >	658		1	MF
X5 4.6IS E53	2000 >	658		1	MF

C.A.M

Model Name	Year	Battery	Alternative	Quantity	Technology
RHINO SINGLE AND DOUBLE CAB 2.2 PETRO OR DIESEL	2007 >	622	638	1	MF
INYATHI 2.2	2007 >	622	638	1	MF
LEO 2.2 2.4 IX	2008 >	650		1	MF
LEO 2.8 TDX	2009 >	650		1	MF
INDLOVU	2010 >	622	638	1	MF

CHANA

Model Name	Year	Battery	Alternative	Quantity	Technology
DOUBLE CAB	2009 >	636		1	MF
MAXI 1.3 1.5 TON	2008 >	630		1	MF
STAR 1.0	2006 >	634		1	MF
STAR 1.3	2006 >	634		1	MF

LIGHT COMMERCIAL VEHICLES

CHERY

Model Name	Year	Battery	Alternative	Quantity	Technology
TIGGO 2.0 TX, TXE	2008 >	638		1	MF

CHEROLET

Model Name	Year	Battery	Alternative	Quantity	Technology
ALL AMERICAN, AUSTRALIAN C & K SERIES 6 & 8 CYL.	1955 >	622	638	1	MF
CYL	1972 - 1977	630	634	1	MF
L.U.V. LOCAL MANUFACTURE	1972 - 1977	630	634	1	MF
L.U.V. IMPORTED	1974 - 1980	622	638	1	MF
EL TORO, NOMAD, C31, K20 4X4	1997 >	622	638	1	MF
BLAZER	2004 >	639	621	1	MF
LUMINA, LUMINA SS	2005 >	638		1	MF
CORSA DIESEL ALL MODELS	2010 >	651		1	MF
CORSA PETROL ALL MODELS	2010 >	628	646	1	MF
SPARK PRONTO 1.3	2013 >	621		1	MF
TRAILBLAZER	2015 >	669		2	MF

COLT

Model Name	Year	Battery	Alternative	Quantity	Technology
COLT LDV & PANEL VAN	1969 - 1971	630	634	1	MF
1.6, 2.0, 2.6 HILINE	1996 >	622	638	1	MF
2.5 DIESEL	1996 >	652		1	MF
2.6, 3.0L V6 RODEO & 3000 V6 4X4	1996 >	622	638	1	MF
2.8 D, 2.8TDI DIESEL	1999 >	657		1	MF
2.0, 2.4, 3.0 PETROL	1999 >	622	638	1	MF

DAIHATSU

Model Name	Year	Battery	Alternative	Quantity	Technology
FEROZA 4X4 16V	1997 >	616		1	MF
GRAN MOVE 1.5	1997 >	616		1	MF
GRAN MAX	2012 >	615		1	MF
MOVE	1998 >	616		1	MF
ROCKY 4X4 TURBO DIES	1997 >	674		1	MF
SIRION 1.0	1998 >	615		1	MF
SIRION 1.3	1999 - 2005	615		1	MF
SIRION 1.3 DVVT	2005 >	615		1	MF
SIRION 1.5 SPORT	2007 >	615		1	MF
TERIOS	2012 >	636		1	MF
TERIOS 1.3 4X4	1997 - 2000	616		1	MF
TERIOS 1.5 DVVT	2006 >	636		1	MF

DARCIA

Model Name	Year	Battery	Alternative	Quantity	Technology
CRYSTAL D\CAB & LDV	1996 >	628	629	1	MF
CRYSTAL S/WAGON	1995 >	628		1	MF
ELAN LDV	1995 >	628		1	MF
MAGIC D\CAB LDV	1995 >	628		1	MF

LIGHT COMMERCIAL VEHICLES

DFM					
Model Name	Year	Battery	Alternative	Quantity	Technology
DFM MINI TRUCK	2006 >	622	638	1	MF

DODGE					
Model Name	Year	Battery	Alternative	Quantity	Technology
CALIBER	2006 >	619		1	MF
CALIBER	2014 >	628		1	MF
CALIBER 1.8 SXT	2006 >	619		1	MF
CALIBER 2.0 SXT	2006 >	619		1	MF
CALIBER 2.4 RT	2006 >	619		1	MF
HUSKY LDV	1974 - 1978	622		1	MF
JOURNEY	2012 >	646		1	MF
NITRO DIESEL	2015 >	650		1	MF

FIAT					
Model Name	Year	Battery	Alternative	Quantity	Technology
128 SERIES	1978 >	610	622	1	MF
UNO PANEL VAN	1992 >	618	628	1	MF
DUCATO	2005 >	651		1	MF
STRADA EL, ELX	2005 >	612	618	1	MF
FIORINO	2012 >	612		1	MF

FORD					
Model Name	Year	Battery	Alternative	Quantity	Technology
BANTAM	1983 - 1993	618	646	1	MF
COURIER ALL MODELS PETROL	1986 >	622	638	1	MF
COURIER DIESEL INCL 2500 TURBO DIESEL	1986 >	622	639	1	MF
HUSKY	1986 >	650		1	MF
SPECTRON	1990 >	621	638	1	MF
MAGNUM	1992 >	638	639	1	MF
BANTAM 1.3, 1.6, 1.6L	1993 >	622		1	MF
NEW COURIER 2500TD LEISURE ALL DIESEL MODELS	1999 >	621		1	MF
RANGER ALL DIESEL MODELS	2000 >	650		1	MF
RANGER ALL PETROL MODELS	2000 >	650	638	1	MF
NEW BANTAM (PETROL)	2002 >	618	628	1	MF
NEW BANTAM (DIESEL)	2002 >	646	647	1	MF
RANGER 4.0 L	2004 >	651	646	1	MF
F250	2005 >	652	639	1	MF
GAZELLE	2005 >	651		1	MF
FORD RANGER PETROL ALL MODELS	2007 >	622	638	1	MF

LIGHT COMMERCIAL VEHICLES

FORD					
Model Name	Year	Battery	Alternative	Quantity	Technology
RANGER DIESEL ALL MODELS	2007 >	650		1	MF
RANGER 4.0I SUPER CAP XLT HI - TRAIL ALL MODELS	2007 >	646		1	MF
TERRITORY ALL MODELS	2007 >	646		1	MF
RANGER 3.2D	2011 >	668	651	1	MF
RANGER T6 PETROL	2011 >	651		1	MF
RANGER 2.2 TDCI	2012 >	651	668	1	MF
ECOSPORT 1,0 ECOBOOST	2014 >	619		1	MF
ECOSPORT 1,5 TDCI	2014 >	628		1	MF
ECOSPORT 1,5 TIVCT	2014 >	628		1	MF
ECOSPORT 1.0 ECOBOOST TITANIUM	2016 >	619		1	MF
ECOSPORT 1.0 ECOBOOST TREND	2016 >	619		1	MF
ECOSPORT 1.5 L AMBIENTE	2016 >	628		1	MF
ECOSPORT 1.5L TDCI TITANIUM	2016 >	628		1	MF
ECOSPORT 1.5L TDCI TREND	2016	628		1	MF
ECOSPORT 1.5L TITANIUM POWERSHIFT	2016 >	628		1	MF
EVEREST 3.2	2016 >	659		1	MF
KUGA	2014 >	659		1	MF
KUGA 1.5	2016 >	651		1	MF
KUGA 2.0	2016 >	651		1	MF
KUGA 2.0 TDCI	2016 >	659		1	MF
RANGER 2.2 TDCI	2016 >	651		1	MF
RANGER 2.5L	2016 >	651		1	MF
RANGER 3.2 TDCI	2016 >	659		1	MF
TOURNEO 1.8 16 V	2016 >	646		1	MF
TOURNEO 1.8 TDCI	2016 >	652		1	MF
TRANSIT CONNECT	2015 >	668AGM		1	AGM

FOTON					
Model Name	Year	Battery	Alternative	Quantity	Technology
PANEL VAN 2.2	2007 >	622	638	1	MF
VIEW 2.2 TAXI	2007 >	622	638	1	MF
2.8 TD SINGLE & DOUBLE CAB & DELUXE	2007 >	638		1	MF
2.2 WAGON DELUXE	2007 >	622		1	MF
FOTON 2.8 LDV CUMMINS	2012 >	650		1	MF
TUNDRA 2.21 CV D/C	2015 >	639		1	MF
TUNDRA 2.21 CV S/C	2015 >	639		1	MF
TUNDRA 2.21 V S/C	2015 >	639		1	MF
TUNDRA 2.8 TD CV S/C	2015	650		1	MF
TUNDRA 2.8 TD XV D/C	2015	650		1	MF
TUNLAND 2.8 COMFORT 4X2 D/C	2015	650		1	MF
TUNLAND 2.8 COMFORT 4X2 SIC	2015	650		1	MF
TUNLAND 2.8 COMFORT 4X4 D/C	2015	650		1	MF
TUNLAND 2.8 LUXURY 4X2 D/C	2015	650		1	MF
TUNLAND 2.8 LUXURY 4X2 S/C	2015	650		1	MF
TUNLAND 2.8 LUXURY 4X4 D/C	2015	650		1	MF
TUNLAND 2.8 WORKHORSE 4X2 S/C	2015	650		1	MF

LIGHT COMMERCIAL VEHICLES

FUDI					
Model Name	Year	Battery	Alternative	Quantity	Technology
LION 2.2 ALL MODELS	2007 >	622	638	1	MF

GAZ					
Model Name	Year	Battery	Alternative	Quantity	Technology
GAZELLE SINGLE CAB	2007 >	622	638	1	MF
GAZELLE BUS X98 AND XTH	2007 >	622	638	1	MF
GAZELLE DOUBLE CAB	2007 >	622	638	1	MF

GEELY					
Model Name	Year	Battery	Alternative	Quantity	Technology
CHERI J2 1,5	2016	646		1	MF

GONOW					
Model Name	Year	Battery	Alternative	Quantity	Technology
HA FEI	2007 >	621	639	1	MF
GONOW X - SPACE PETROL AND DIESEL ALL MODELS	2007 >	621	639	1	MF

GWM					
Model Name	Year	Battery	Alternative	Quantity	Technology
GWM ALL MODELS	2007 >	621	639	1	MF
DOUBLE CAB 2.2 LUX	2007 >	639		1	MF
MULTI WAGON 2.2	2007 >	639		1	MF
SINGLE CAB 2.2 ,2.2 LUX	2007 >	639		1	MF
GWM STEED LUX	2008 >	639		1	MF
GWM FLORID	2010 >	639		1	MF
GWM HOVER	2010 >	639		1	MF
GWM STEED 5 2.0 VGT	2012 >	638		1	MF
GWM STEED 5 2.2 NPI	2012 >	646		1	MF
GWM STEED 2.4	2012 >	646		1	MF

HONDA					
Model Name	Year	Battery	Alternative	Quantity	Technology
FR-V 2.0	2005	634		1	MF
HR-V 1.61	2002 - 2004	634		1	MF
ODYSSEY 2.2	1996	639		1	MF
ODYSSEY 2.3 V-TEC	1998 - 2000	639		1	MF

HUMMER					
Model Name	Year	Battery	Alternative	Quantity	Technology
H2	1995 >	652		1	MF
H2 SUT	1996 >	652		1	MF
H3 3.7	2006 >	640		1	MF
H3 3.7	2006 >	640		1	MF

LIGHT COMMERCIAL VEHICLES

HYUNDAI					
Model Name	Year	Battery	Alternative	Quantity	Technology
2.5 & 2.6 IDT	1997 >	674		1	MF
2.6 ID PANEL WAGON	1997 >	650		1	MF
MINI BUS, VAN H100 LDV	1999 >	622		1	MF
H100 DIESEL	2007 >	650		1	MF
H100 ALL MODELS	2009 >	650		1	MF
H1 ALL	2009 >	638		1	MF
H100 2.4	2016 >	650R		1	MF
H100 2.5D	2016 >	650R		1	MF
H100 2.5TD	2016 >	650R		1	MF
H100 2.6D	2016 >	650R		1	MF
IX35 1.6	2016 >	652		1	MF
IX35 1.7 CRDI	2016 >	652		1	MF
IX35 2.0 4X2	2010 >	646		1	MF
IX35 2.0 CRDI 4X2	2010 >	650		1	MF
IX35 2.0 CRDI 4X4	2010 >	650		1	MF
SANTE FE 2.2 CDRI	2006 - 2010	650		1	MF
SANTE FE 2.2 CDRI	2010 >	668		1	MF
TUCSON 1,6 TDGI	2016 >	652		1	MF

ISUZU					
Model Name	Year	Battery	Alternative	Quantity	Technology
TLD 23, 43, 63 ELFIN & ELF, TROOPER ALL MODELS DIESEL	1977 - 1988	671	638	1	MF
TLD 24, NKR 55	1978 - 1981	630		1	MF
KB20, KB25	1982 - 1988	638		1	MF
KB ALL MODELS DIESEL	1982 - 1993	622	637	1	MF
KB ALL MODELS PETROL	1983 - 1986	622	657	1	MF
TLD 44A, 54A	1986 - 1989	689	657	1	MF
NKR 99, NPR 99	1988 - 1993	638		1	MF
KB ALL MODELS DIESEL	1993 >	650		1	MF
KB ALL MODELS DIESEL 250, 280, FRONTIER INCL 4X4	1993 >	637		1	MF
KB ALL PETROL, 160, 200, 230, 260, 320, FRONTIER INCL 4X4	1995 >	637		1	MF
FRONTEIR INCL 4X4	2004 >	669		1	MF
TROOPER 4X4	2004 >	637		1	MF
ISUZU NEW RANGE LDV'S DIESEL	2007 >	657		1	MF
ISUZU NEW RANGE LDV'S PETROL	2007 >	657		1	MF
ISUZU KB PETROL ALL MODELS	2007 >	637	657	1	MF
ISUZU KB DIESEL ALL MODELS	2007 >	669	657	1	MF
ISUZU KB 240	2011 >	652		1	MF
ISUZU KB 250 & 300	2013 >	669		1	MF

KIA					
Model Name	Year	Battery	Alternative	Quantity	Technology
K2700 LDV	2005 >	650		1	MF
PREGIO	2005 >	622	638	1	MF
K2700 WORKHORSE	2007 >	650		1	MF
K2500	2014 >	650R		1	MF

LIGHT COMMERCIAL VEHICLES

KIA					
Model Name	Year	Battery	Alternative	Quantity	Technology
K2500 WORKHORSE DROP SIDE	2015 >	650		1	MF
K2700 2,7D LDV	2001 >	650		1	MF
PREGIO 2.7D PNAN	2001 >	650		1	MF
SORENTO 2.0 CRDI	2016 >	662		1	MF
SORENTO 2.2 CRDI	2016 >	662		1	MF
SORENTO 2.2 CRDI EX AWD	2015 >	650		1	MF
SORENTO 2.2 CRDI LX	2015 >	650		1	MF
SORENTO 2.2 CRDI SX AWD	2015 >	650		1	MF
SORENTO 2.4 CVVT	2016 >	652AGM		1	AGM
SORENTO 2.4 GDI	2016 >	652AGM		1	AGM
SORENTO 2.4 LS	2015 >	639		1	MF
SORENTO 3.8 DIESEL	2016 >	650R		1	MF
SORENTO 3.8 PETROL	2016 >	639		1	MF
SORENTO XM 3.5 DIESEL	2016 >	650R		1	MF
SPORTAGE 2.0 2WD AUTO	2015 >	639		1	MF
SPORTAGE 2.0 2WD AUTO	2015 >	639		1	MF
SPORTAGE 2.0 2WD CRDI AUTO	2015 >	650		1	MF
SPORTAGE 2.0 2WD CRDI MAN	2015 >	650		1	MF
SPORTAGE 2.0 2WD CRDI TEC SR	2015 >	650		1	MF
SPORTAGE 2.0 2WD MAN	2015 >	639		1	MF
SPORTAGE 2.0 AUTO AWD CRDI TEC SR	2015 >	650		1	MF
SPORTAGE 2.0 AWD AUTO	2015 >	639		1	MF
SPORTAGE 2.0 AWD CRDI AUTO	2015 >	650		1	MF
SPORTAGE 2.0 AWD CRDI MAN	2015 >	650		1	MF
SPORTAGE 2.0 AWD MAN	2015 >	639		1	MF
SPORTAGE 2.0 CRDI	2016 >	662		1	MF
SPORTAGE 2.0 CRDI AWD AUTO EXPLORE	2015 >	650		1	MF
SPORTAGE 2.0 I	2016	628		1	MF
SPORTAGE 2.2 DIESEL	1998 >	640		1	MF
SPORTAGE 2.7 (V6)	2016 >	652AGM		1	AGM
SPORTAGE II 2.0	2005 - 2008	646		1	MF
SPORTAGE II 2.0 CRDI	2005 - 2008	668		1	MF
SPORTAGE III 2.0 CRDI	2010 >	646		1	MF
SPORTAGE III 2.0I	2010 >	646		1	MF
SPORTAGE III 2.4I	2010 >	646		1	MF

LEYLAND					
Model Name	Year	Battery	Alternative	Quantity	Technology
ELAN SINGLE CAB	1995 >	628	646	1	MF
LDV TURBO 400	1995 >	646		1	MF
MAGIC BAKKIE	1995 >	628	646	1	MF

MAZDA					
Model Name	Year	Battery	Alternative	Quantity	Technology
E2000	1976 - 1980	622	638	1	MF
T2000	1976 - 1980	622	638	1	MF
E3000	1979 - 1986	680	685	1	MF

LIGHT COMMERCIAL VEHICLES

MAZDA					
Model Name	Year	Battery	Alternative	Quantity	Technology
T3000	1979 - 1986	680	685	1	MF
B1600	1981 - 1984	631		1	MF
B1800	1981 - 1991	622	638	1	MF
B2200 DIESEL	1983 - 1986	674		1	MF
B SERIES 1600	1984 - 1993	622	638	1	MF
B SERIES 2000	1985 - 1993	622	638	1	MF
RUSTLER 1400	1986 - 1994	618	628	1	MF
RUSTLER 1600	1986 - 1994	628	646	1	MF
DRIFTER 2.6 4X4	1988 >	621	639	1	MF
MARATHON 2.2	1991 >	622	638	1	MF
RUSTLER ALL MODELS	1994 >	628	618	1	MF
B3000, MAGNUM & 4X4, ALL V6 MODELS	1995 >	622	638	1	MF
1800, 2000 LDV MODELS	1998 >	622	638	1	MF
2500 TURBO DIESEL ALL MODELS	1998 >	650		1	MF
DRIFTER ALL MODELS DIESEL	2000 >	650		1	MF
DRIFTER ALL MODELS PETROL	2000 >	622	638	1	MF
B150 PETROL ALL MODELS	2007 >	650		1	MF
B150 DIESEL ALL MODELS	2007 >	650		1	MF
BT 50 2.2	2012 >	652PS		1	MF
BT 50 2.5 PETROL	2012 >	650	638	1	MF
BT 50 3.2 TDI	2012 >	652PS		1	MF
BT-50 DIESEL	2015 >	659PP		1	MF
BT-50 PETROL	2015 >	652PS		1	MF

MEIYA					
Model Name	Year	Battery	Alternative	Quantity	Technology
2.2 SINGLE CAB/DOUBLE CAB & DELUX	2007 >	622		1	MF
2.8 TD SINGLE/DOUBLE CAB & DELUX & 2.2 WAGON & DELUX	2007 >	622		1	MF
2.2 WAGON AND DELUXE	2007 >	622		1	MF

MERCEDES BENZ					
Model Name	Year	Battery	Alternative	Quantity	Technology
180 LDV (DIESEL) UNIMOG	1953 - 1962	683	674	1	MF
180 DIESEL LDV	1958 - 1961	674		1	MF
ALL PETROL MODELS	1960 - 1971	639	674	1	MF
ALL DIESEL MODELS, 405, 406	1960 - 1971	654	658	1	MF
ML 270 CDI, 320, 430 + SPRINTER	2000 >	658		1	MF
VITO PANEL VAN PS	2004 >	652		1	MF
VITO 122CDI W639	2010	668		1	MF

MITSUBISHI					
Model Name	Year	Battery	Alternative	Quantity	Technology
L300 & STARWAGON	1983 >	630	634	1	MF
L300 EXPRESS 1.6, 1.8, 2.0 VAN & LDV	1983 >	631	621	1	MF
SAFARI & TRACKER DIESEL MODELS	1982 >	650		1	MF
SAFARI & TRACKER PETROL MODELS	1982 >	622		1	MF

LIGHT COMMERCIAL VEHICLES

MITSUBISHI					
Model Name	Year	Battery	Alternative	Quantity	Technology
720 DIESEL & E20 AMBULANCE	1987 >	674		1	MF
3.0 L 4X4 DCAB & STN/WAGON	1988 >	652		1	MF
CANTER 2.4I	1997 >	638		1	MF
CANTER DIESEL 3.6	1997 >	638		1	MF
COLT 1600 SWB	1994 >	622		1	MF
COLT 2.0 (CARB)	1998 >	622		1	MF
COLT 2.01 16V	1998 >	622		1	MF
COLT 2.01 16V HI-LINE	2002 >	622		1	MF
COLT 2.41 4X2	1998 >	622		1	MF
COLT 2.41 4X4	1998 >	622		1	MF
COLT 2.8D	1999 >	657		1	MF
COLT 2.8D 4X4	1999 >	657		1	MF
COLT 2.8D HI-LINE	1999 >	657		1	MF
COLT 2.8TDI 4X2	1999 >	657		1	MF
COLT 2.8TDI 4X4	1999 >	657		1	MF
COLT 2000 LWB	1994 >	622		1	MF
COLT 2500D	1998 >	657		1	MF
COLT 2500D & 4X4	1995 - 1998	657		1	MF
COLT 2500D 4X4	1997 - 1999	657		1	MF
COLT 2500TD	1997 - 1999	657		1	MF
COLT 3.01 4X4	1998 >	657		1	MF
COLT CLUBCAB 4X2 R/HGT	1998 >	657		1	MF
COLT RODEO 3.0 4X4	1994 >	638		1	MF
L300 1600 BUS & VAN	1982 - 1985	630		1	MF
L300 1800 BUS & VAN	1983 - 1987	630		1	MF
L300 1800 LDV	1984 - 1987	630		1	MF
L300 2000 LDV	1987 >	634		1	MF
OUTLANDER	2014 >	639		1	MF
OUTLANDER 2.4I	2003 - 2007	657		1	MF
PAJERO 1.6I	1999 >	657		1	MF
PAJERO 1.8I	1999 >	657		1	MF
PAJERO 2.8 TDI	1995 >	657		1	MF
PAJERO 3.2 DI-D	2007 >	650		1	MF
PAJERO 3.2 TDI	2000 >	658		1	MF
PAJERO GLS 3.5	1995 >	657		1	MF
PAJERO V6 3000 4X4	1993 >	657		1	MF
STARWAGON S SL SLE	1984 >	634		1	MF
TRITON 2.4 MPI	2007 >	652	674PE	1	MF
TRITON 2.5 DI	2007 >	652	674PE	1	MF
TRITON 3.2 DI	2007 >	652	674PE	1	MF
TRITON 3.5 MPI	2007 >	652	674PE	1	MF

NISSAN					
Model Name	Year	Battery	Alternative	Quantity	Technology
SAFARI & TRACKER DIESEL MODELS	1982 >	650	657	1	MF
SAFARI & TRACKER PETROL MODELS	1982 >	622	638	1	MF
720 DIESEL & E20 AMBULANCE	1987 >	674		1	MF

LIGHT COMMERCIAL VEHICLES

NISSAN					
Model Name	Year	Battery	Alternative	Quantity	Technology
3.0L 4X4 DCAB & STN/WAGON	1988 >	652		1	MF
ALL HARDBODIES, SANI & PETROL LDV'S EXCEPT 3,0L 4X4	1988 >	622		1	MF
3.0L 4X4	1988 >	638		1	MF
ALL HARDBODIES, SANI, DIESEL	1993 - 1999	638		1	MF
NISSAN PETROL 2.4 AND 3.0 V6	1996 - 1999	638		1	MF
NISSAN DIESEL 2.7 AND 3.2	1999 >	610	611	1	MF
1400 LDV	1999 >	657		1	MF
NEW HARDBODY PETROL & DIESEL	2000 >	638		1	MF
TERRANO, PATROL PETROL	2000 >	657		1	MF
TERRANO, PATROL DIESEL	2000 >	671		1	MF
HARDBODY 2.0	1999-2002	622		1	MF
HARDBODY 2.0I (16V)	2003	638		1	MF
HARDBODY 2.7D	1999	638		1	MF
HARDBODY 2000	1995-1998	610		1	MF
HARDBODY 2400I 4X4	2002	622		1	MF
HARDBODY 2400I(12V)	1999-2002	622		1	MF
HARDBODY 2400I(16V)	2002	622		1	MF
HARDBODY 3.0TD	2002	657		1	MF
HARDBODY 3.0TD 4X4	2002	657		1	MF
HARDBODY 3.0TD HIRI	2002	657		1	MF
INTERSTAR 2.5 TD	2005	638		1	MF
MURANO	2015	639		1	MF
MURANO 3.5 V6	2005 >	646		1	MF
NAVARA 2.5 DCI 4X2	2005 >	646		1	MF
NAVARA 2.5 DCI 4X4	2005 >	646		1	MF
NAVARA 2.5DCI	2015 >	646		1	MF
NAVARA 4.0 V6 4X2	2005 >	646		1	MF
NAVARA 4.0 V6 4X4	2005 >	646		1	MF
NP200 1.5 DCI	2015 >	646		1	MF
NP200 1.5DCI LDV	2009 >	646		1	MF
NP200 1.6 16V	2015 >	646		1	MF
NP200 1.6 8V	2015 >	646		1	MF
NP200 1.6 LDV 16V	2008 >	646		1	MF
NP200 1.6 LDV 8V	2008 >	646		1	MF
NP300 2.0 PETROL	2015 >	640		1	MF
NP300 2.4 PETROL	2015 >	640		1	MF
NP300 2.5 TDI	2015 >	662		1	MF
NP300 2.5TDI HI 4X2	2009 >	640		1	MF
NP300 2.5TDI WO 4X2	2009 >	640		1	MF
NP300 2.5TDI WO 4X4	2009 >	640		1	MF
NV350 2.5	2015 >	652		1	MF
NV350 2.5D	2015 >	652		1	MF
PATHFINDER 2.5 DCI	2005 >	646		1	MF
PATHFINDER 3.0DCI V6	2015 >	646		1	MF
PATHFINDER 4.0 V6	2005 >	646		1	MF
PATROL 3.0 DI	2015 >	650R		1	MF
PATROL 4.8	2015 >	650R		1	MF

LIGHT COMMERCIAL VEHICLES

NISSAN					
Model Name	Year	Battery	Alternative	Quantity	Technology
PRIMASTAR 1.9DCI	2007 >	657		1	MF
QASHQAI 1.2 PETROL TURBO	2016 >	652AGM		1	AGM
QASHQAI 1.5 DCI	2015 >	646		1	MF
QASHQAI 1.5DCI	2016 >	652AGM		1	AGM
QASHQAI 1.6	2008 >	646		1	MF
QASHQAI 1.6	2015 >	646		1	MF
QASHQAI 1.6 PETROL TURBO	2016 >	652AGM		1	AGM
QASHQAI 1.6DCI	2016 >	652AGM		1	AGM
QASHQAI 1.6L VISIA	2015 >	646		1	MF
QASHQAI 2.0	2008 >	646		1	MF
QASHQAI 2.0	2015 >	646		1	MF
QASHQAI 2.0 DCI	2015 >	646		1	MF
QASHQAI 2.0L ACENTA	2015 >	646		1	MF
X-TRAIL 2.0 16V	2002 - 2008	639		1	MF
X-TRAIL 2.2TD 16Y	2002 >	646		1	MF
X-TRAIL 2.5 16V	2001 - 2007	646		1	MF
XTRAIL 1.6DCI	2016 >	639		1	MF
XTRAIL 2.0	2015 >	646		1	MF
XTRAIL 2.0D	2015 >	646		1	MF
XTRAIL 2.5	2015 >	646		1	MF
CORSA UTILITY	2014 >	651		1	MF
CORSA UTILITY 1900 DIESEL	2014 >	651		1	MF
MOVANO 2.5 CDTI	2006 >	646		1	MF
VIVARO 1.9 CDTI	2006 >	638		1	MF
VIVARO 2.0	2006 >	638		1	MF
ZAFIRA 1.8I	2001 - 2006	651		1	MF
ZAFIRA 2.2	2005 >	651		1	MF
ZAFIRA II 1.6I	2006 >	651		1	MF
ZAFIRA II 1.8I	2006 >	651		1	MF
ZAFIRA II 1.9 CDTI	2006 >	651		1	MF

OPEL					
Model Name	Year	Battery	Alternative	Quantity	Technology
CORSA UTILITY 1300I, 1400I	1997 >	618	628	1	MF
CORSA UTILITY 1600I, 1600IS, 1700 DIESEL	1997 >	628	646	1	MF
ZAFIRA	2001 >	652		1	MF
NEW CORSA PETROL	2004 >	618	619	1	MF
NEW CORSA DIESEL	2004 >	628	646	1	MF
CORSA UTILITY	2014 >	651		1	MF
CORSA UTILITY 1900 DIESEL	2014 >	651		1	MF
ZAFIRA 1.8I	2001 - 2006	651		1	MF
ZAFIRA 2.2	2005 >	651		1	MF
ZAFIRA II 1.6I	2006 >	651		1	MF
ZAFIRA II 1.8I	2006 >	651		1	MF
ZAFIRA II 1.9 CDTI	2006 >	651		1	MF

LIGHT COMMERCIAL VEHICLES

MITSUBISHI					
Model Name	Year	Battery	Alternative	Quantity	Technology
806	2000 >	646		1	MF
BOXER	2000 >	654	658	1	MF
807 2.2	2003 >	646		1	MF
BOXER 2.8 HDI	2002 >	646		1	MF
BOXER 3.0 HDI	2007 >	658		1	MF
PARTNER 1,9D	2014 >	651		1	MF
PARTNER 1.9D	2002 >	646		1	MF
PARTNER 2.0 HDI	2004 - 2006	646		1	MF

PROTON					
Model Name	Year	Battery	Alternative	Quantity	Technology
ARENA ALL MODELS	2005 >	643		1	MF

RENAULT					
Model Name	Year	Battery	Alternative	Quantity	Technology
KANGOO PETROL/DIESEL	2000 >	628	612	1	MF

SUBARU					
Model Name	Year	Battery	Alternative	Quantity	Technology
FORESTER 2.0	1996 - 2002	639		1	MF
FORESTER 2.0X 6MT	2015 >	639		1	MF
FORESTER 2.0XT LINEARTRONIC	2015 >	639		1	MF
CVT	2015 >	639		1	MF
FORESTER 2.5X	2015 >	639		1	MF
FORESTER 2.5XS	2015 >	639		1	MF
FORESTER	2015 >	639		1	MF
2.5XS PREMIUM LINEARTRONIC CVT	2015 >	639		1	MF
FORESTER X 2.5 AWD	2008 >	639		1	MF
FORESTER XS 2.5	2003 - 2008	639		1	MF
FORESTER XS 2.5 AWD	2008 >	639		1	MF
FORESTER XT 2.5 AWD	2008 >	639		1	MF
OUTBACK 2.5	1996 - 2004	639		1	MF
SVX 3.3	1995 >	622		1	MF
XV 2.01 6MT	2015 >	639		1	MF
XV 2.01 LINEARTRONIC CVT	2015 >	639		1	MF
XV 2.01-S LINEARTRONIC CVT	2015 >	639		1	MF

SSANYONG					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL LDV'S	All	650	657	1	MF

SUZUKI					
Model Name	Year	Battery	Alternative	Quantity	Technology
ST90 PANEL VAN & SJ 410 PICKUP	1983 >	615	634	1	MF
SJ 410 & 413 4X4	1983 >	615	634	1	MF

LIGHT COMMERCIAL VEHICLES

SUZUKI					
Model Name	Year	Battery	Alternative	Quantity	Technology
SAMURAI CONVERTIBLE & WAGON 4X4	1993 >	630	634	1	MF
VITARA SYL & V6 4X4	1993 >	630	634	1	MF
ALL MODELS	1993 >	630	634	1	MF
GRAND VITARA 2.4 DUNE	2016 >	612		1	MF
GRAND VITARA 2.4 DUNE AUTO	2016 >	612		1	MF
GRAND VITARA 2.4 SUMMIT	2016 >	612		1	MF
GRAND VITARA 2.4 SUMMIT AUTO	2016 >	612		1	MF
JIMNY 1.3	2016 >	616		1	MF
JIMNY 1.3 AT	2016 >	616		1	MF
JIMNY 1.3 MT	2016 >	616		1	MF
SX4 1.6 GL MT	2016 >	616		1	MF
SX5 1.6 GLX MT	2016 >	616		1	MF
SX6 1.6 GLX CVT	2016 >	616		1	MF
SX7 1.6 GLX MT ALLGRIP	2016 >	616		1	MF
SX8 1.6 GLX CVT ALLGRIP	2016 >	616		1	MF
VITARA 1.6 WT 4X2	2016 >	612		1	MF
VITARA 1.6 WT 4X4	2016 >	612		1	MF

TATA					
Model Name	Year	Battery	Alternative	Quantity	Technology
TELCO LINE ALL MODELS LDV MODELS 2 LITRE TURBO DIESEL	2004 >	650	657	1	MF
TATA SAFARI	2010 >	650R		1	MF
XENON ALL MODELS	2010 >	650R		1	MF
SUPER ACE	2010 >	622	638	1	MF
SUPER ACE	2015 >	638		1	MF

TOYOTA					
Model Name	Year	Battery	Alternative	Quantity	Technology
DYNA & LANDCRUISER DIESEL	1975 - 1987	650	674	1	MF
STOUT, DYNA, LANDCRUISER, ALL MODELS PETROL	1975 - 1992	622	638	1	MF
HI ACE, HI LUX, ALL MODELS	1980 - 1989	622	638	1	MF
COROLLA PANEL VAN, TUV, & STATION	1982 >	630	634	1	MF
DYNA DIESEL	1988 - 1992	674		1	MF
HI ACE ALL MODELS	1990 >	635	643	1	MF
HI LUX ALL MODELS PETROL	1990 >	635	643	1	MF
STALLION, VENTURE, VAN & TUV ALL MODELS PETROL	1990 >	618	628	1	MF
VENTURE & CONDOR DIESEL	1990 >	628	646	1	MF
VENTURE & CONDOR PETROL	1990 >	618	628	1	MF
HI LUX DIESEL	1990 - 1994	643		1	MF
COASTER BUS DIESEL	1993 >	650		1	MF
COASTER BUS PETROL	1993 >	622	638	1	MF
LAND CRUISER PICK - UP DIESEL	1993 >	650	674	1	MF
LAND CRUISER PICK - UP PETROL	1993 >	639	657	1	MF
VENTURE 2.4 DIESEL	1993 >	643		1	MF
RAIDER & HI LUX DIESEL	1994 >	657	643	1	MF
RAIDER PETROL	1994 >	635	657/643	1	MF

LIGHT COMMERCIAL VEHICLES

TOYOTA					
Model Name	Year	Battery	Alternative	Quantity	Technology
LANDCRUISER & PRADO DIESEL	1997 >	650	639	1	MF
LANDCRUISER & PRADO PETROL	1997 >	621	628	1	MF
CONQUEST CARRI 1.3	1999 >	618	619	1	MF
HI LUX DIESEL 2.4 & 3.0	1999 >	657		1	MF
HI LUX PETROL	1999 >	646	643	1	MF
HI ACE	1999 >	635	646	1	MF
HI LUX PETROL ALL MODELS	2003 >	646		1	MF
HI LUX DIESEL ALL MODELS	2003 >	657		1	MF
HI LUX DIESEL 2.5 & 2.7 PETROL	2005 >	646		1	MF
HI LUX DIESEL 4.0 PETROL	2005 >	652		1	MF
HI LUX DIESEL 2.5 DIESEL	2005 >	652		1	MF
HI LUX DIESEL 3.0 DIESEL	2005 >	668	652	1	MF
HI LUX DIESEL 2.5 TD SRX	2005 >	652		1	MF
QUANTUM	2005 >	638	650(DIESEL)	1	MF
HILUX PETROL ALL MODELS	2007 >	652		1	MF
HILUX DIESEL ALL MODELS	2007 >	638	639	1	MF
FORTUNER 2.5 D-4D RAISED BODY	2015 >	668		1	MF
FORTUNER	2015 >	668		1	MF
2.5 D-4D RAISED BODY AUTO	2015 >	668		1	MF
FORTUNER 3.0 D-4D 4X4 FORTUNER 3.0 D-4D 4X4 AUTO	2015 >	668		1	MF
FORTUNER	2015 >	668		1	MF
3.0 D-4D 4X4 AUTO LIMITED	2015 >	668		1	MF
FORTUNER 3.0 D-4D 4X4 LIMITED	2015 >	668		1	MF
FORTUNER 3.0 D-4D RAISED BODY	2015 >	668		1	MF
FORTUNER	2015 >	668		1	MF
3.0 D-4D RAISED BODY AUTO	2015 >	668		1	MF
FORTUNER 3.0 D-4D RAISED BODY AUTO LIMITED	2015 >	668		1	MF
FORTUNER 3.0 D-4D RAISED BODY LIMITED	2015 >	668		1	MF
FORTUNER 3.0D 4X2	2005 >	668		1	MF
FORTUNER 3.0D 4X4	2005 >	668		1	MF
FORTUNER 4.0 V6 4X4 AUTO	2015 >	668		1	MF
FORTUNER 4.0 V6 RAISED BODY AUTO	2015 >	668		1	MF
HILUX 2.0 VVT-I S SC	2015 >	668		1	MF
HILUX 2.0 VVT-I SC	2015 >	668		1	MF
HILUX 2.5 D-4D 4X4 SRX DC	2015 >	668		1	MF
HILUX 2.5 D-4D 4X4 SRX SC	2015 >	668		1	MF
HILUX 2.5 D-4D RAISED BODY DC LEGEND 45	2015 >	668		1	MF
QUANTUM 2.5 CREW CAB PANEL VAN	2015 >	638		1	MF
QUANTUM 2.5 D-4D 10 SEATER BUS	2015 >	638		1	MF
QUANTUM 2.5 D-4D 14 SEATER BUS	2015 >	638		1	MF
QUANTUM 2.5 D-4D LWB PANEL VAN	2015 >	638		1	MF
QUANTUM 2.5 D-4D SLWB PANEL VAN	2015 >	638		1	MF
QUANTUM 2.7 10 SEATER BUS	2015 >	638		1	MF
QUANTUM 2.7 14 SEATER BUS	2015 >	638		1	MF
QUANTUM 2.7 CREW CAB PANEL VAN	2015 >	638		1	MF
QUANTUM 2.7 LWB PANEL VAN	2015 >	638		1	MF
QUANTUM 2.7 SLWB PANEL VAN	2015 >	638		1	MF

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TOYOTA					
Model Name	Year	Battery	Alternative	Quantity	Technology
RAV4 2.0 GX	2015 >	646		1	MF
RAV4 2.0 GX CVT	2015 >	646		1	MF
RAV4 2.2 D GX	2015 >	646		1	MF
RAV4 2.2 D VX AT	2015 >	646		1	MF
RAV4 2.5 VX AT	2015 >	646		1	MF
SESEFIKILE 2.5 D-4D 16 SEATER BUS	2015 >	639		1	MF
SESEFIKILE 2.7 WT-I 16 SEATER BUS	2015 >	639		1	MF

VOLKSWAGEN					
Model Name	Year	Battery	Alternative	Quantity	Technology
KOMBI ALL MODELS	1978 - 1989	628	629	1	MF
KOMBI 2000CC	1980 - 1985	628	629	1	MF
GOLF DIESEL LDV	1981 >	647	661	1	MF
GOLF LDV	1981 >	618	628	1	MF
KOMBI 1.9	1983 - 1989	628	647	1	MF
ALL KOMBI, VAN & LDV	1989 >	647	661	1	MF
GOLF CADDY LDV	1996 >	628	647	1	MF
LT 35 ALL MODELS P/VAN	2005 >	658		1	MF
LT 46 ALL MODELS P/VAN	2005 >	658		1	MF
AMAROK 2.0 BITDI 4X2 DC	2012 >	650	638/657	1	MF
AMAROK 2.0 BITDI 4X4 DC	2015	650	638/657	1	MF
CADDY 1.6I	2016	658		1	MF
CADDY 1.9 TDI	2017	658		1	MF
AMAROK 2.0 TDI 4X2 DC	2012	650		1	MF
AMAROK 2.0 TDI 4X4 DC	2012	650		1	MF
AMAROK 2.0 TSI 4X2 DC	2012	650		1	MF
AMAROK DIESEL	2012	650		1	MF
AMAROK PETROL	2011	650		1	MF
CADDY 1.6I	2015	668		1	MF
CADDY 1.9 TDI	2015	652		1	MF
TIGUAN SPORT & STYLE	2015 >	652		1	MF
TIGUAN TRACK & FIELD	2015 >	652		1	MF
TIGUAN TREND & FUN	2015 >	652		1	MF
TOUAREG ELEGANCE	2015 >	658		1	MF
TOUAREG ESCAPE	2015 >	658		1	MF
TOUAREG EXECUTIVE	2015 >	658		1	MF
TOUAREG LUXURY	2015 >	658		1	MF
TOURAN HIGHLINE	2015 >	658		1	MF
TOURAN TRENDLINE	2015 >	658		1	MF

VOLVO					
Model Name	Year	Battery	Alternative	Quantity	Technology
V40 2.0 ESTATE 16V	1997 - 2004	652		1	MF
V50 2,0	2006 >	652		1	MF
V50 2.0 D4	2011 >	668		1	MF
V50 2.4	2004 >	652		1	MF

LIGHT COMMERCIAL VEHICLES

VOLVO					
Model Name	Year	Battery	Alternative	Quantity	Technology
V70 2.4 ESTATE	2000 >	652		1	MF
V70 2.5TD	2000 - 2001	652		1	MF
V70 ESTATE	1997 - 2000	652		1	MF
V90 ESTATE	1997 >	652		1	MF
XC60 2.0 D3	2011 >	668		1	MF
XC60 2.4 D5	2011 >	668		1	MF
XC60 D4 FWD DIESEL	2015 >	652		1	MF
XC60 D5 AWD DIESEL	2015 >	652		1	MF
XC60 T5 FWD PETROL	2015 >	652		1	MF
XC60 T6 FWD PETROL	2015 >	652		1	MF
XC70 2.4T	1999 >	668		1	MF
XC70 2.5T	2003 - 2007	668		1	MF
XC70 II 2.4 D5	2007 >	668		1	MF
XC70 II 3.2	2007 >	668		1	MF
XC90 2.4 D5	2003 >	658		1	MF
XC90 2.5T	2004 >	658		1	MF
XC90 2.9 T6	2003 >	658		1	MF
XC90 D4 FWD DIESEL	2015 >	658		1	MF
XC90 D5 AWD DIESEL	2015 >	658		1	MF

ADD / DAF					
Model Name	Year	Battery	Alternative	Quantity	Technology
AAD 18 - 140	1994 >	683		2	MF
DAF 17 - 290	1994 >	341		2	MF
LDV CONVOY AND LDV 400	1997 >	628	629	1	MF
MAXI 320 DIESEL BUS	1997 >	628	629	1	MF
ENDURER BUS	1997 >	628	629	2	MF
DAF 45 AND 50	1997 >	674		2	MF
DAF 85 AND 95	1997 >	689		2	MF

A.E.C					
Model Name	Year	Battery	Alternative	Quantity	Technology
2G6, 3G6	1967 - 1989	333		4	MF
MAMMOTH MAJOR, MANDATOR	1968 - 1969	675		1	MF
TG4, TG6, TG8	1969 - 1971	675		2	MF

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ASIA					
Model Name	Year	Battery	Alternative	Quantity	Technology
COASTAL	2016	671		2	MF

AUSTIN					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	1968 - 1970	638		1	MF

DAF					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	1968 - 1970	638		1	MF
85/360 ATL, 95/430 ATL	1995 >	689		2	MF
95XF, 85CF, 85LF	2002 >	692		2	MF
45LF, 55LF	2002 >	675		2	MF
CF85.410	2010 >	687		2	MF
XF105.460 ALL MODELS	2010 >	687		2	MF
F2900 SERIES F2900	2012-2016	674		2	MF
F3200 SERIES F3200	2012-2016	674		2	MF
F3300 SERIES F3300	2012-2016	674		2	MF
F3600 SERIES F3600	2012-2016	674		2	MF
F500 SERIES F500	2012-2016	674		2	MF
F600 SERIES F600	2012-2016	674		2	MF
F700 SERIES F700	2012-2016	674		2	MF
F800 SERIES F800	2012-2016	674		2	MF
F900 SERIES F900	2012-2016	674		2	MF
FA 1000 SERIES F1000	2012-2016	674		2	MF
FA 1100 SERIES F 1100	2012-2016	674		2	MF
FA 1200 SERIES F 1200	2012-2016	674		2	MF
FA 1300 SERIES F1300	2012-2016	674		2	MF
FA 1400 SERIES F1400	2012-2016	674		2	MF
FA 1500 SERIES F1500	2012-2016	674		2	MF
FA 1600 SERIES F1600	2012-2016	674		2	MF
FA 1700 SERIES F1700	2012-2016	674		2	MF
FA 1800 SERIES F1800	2012-2016	674		2	MF
FA 1900 SERIES F1900	2012-2016	674		2	MF
FA 2000 SERIES F2000	2012-2016	674		2	MF
FA 2105 SERIES F2100	2012-2016	674		2	MF
FA 45 SERIES 45	2012-2016	674		2	MF
FA 65 SERIES 65.0	2012-2016	674		2	MF
FA 65F SERIES 65.0	2012-2016	674		2	MF
FA 75 CF SERIES 75.0	2012-2016	674		2	MF
FA 75 SERIES 75.0	2012-2016	674		2	MF
FA 85 CF SERIES 85.0	2012-2016	696		2	MF
FA 85 SERIES 85.0	2012-2016	696		2	MF
FA 95 SERIES 95.0	2012-2016	696		2	MF
FA 95 XF SERIES 95.0	2012-2016	696		2	MF
FA SERIES CF	2012-2016	674		2	MF
FA SERIES CF65	2012-2016	674		2	MF

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DAF					
Model Name	Year	Battery	Alternative	Quantity	Technology
FA2200 SERIES F2200	2012-2016	674		2	MF
FA2300 SERIES F2300	2012-2016	674		2	MF
FA2500 SERIES F2500	2012-2016	674		2	MF
FA2600 SERIES F2600	2012-2016	674		2	MF
FA2700 SERIES F2700	2012-2016	674		2	MF
FA2800 SERIES F2800	2012-2016	674		2	MF
FA75 SERIES CF75	2012-2016	674		2	MF
FA85 SERIES CF85	2012-2016	674		2	MF
FAG 55 SERIES 55.0	2012-2016	674		2	MF
LF SERIES LF	2012-2016	674		2	MF
LF45 SERIES LF45	2012-2016	674		2	MF
LF55 SERIES LF55	2012-2016	674		2	MF
N2800 SERIES N2800	2012-2016	674		2	MF
N3300 SERIES N3300	2012-2016	674		2	MF
XF SERIES XF	2012-2016	674		2	MF
XF105 SERIES XF105	2012-2016	674		2	MF
XF90 SERIES XF90	2012-2016	674		2	MF

DEUTZ (SEE MARGIRIUS)					
Model Name	Year	Battery	Alternative	Quantity	Technology
MERCURY, SATURN, PLUTO, JUPITER	All	689		1	MF

DMA					
Model Name	Year	Battery	Alternative	Quantity	Technology
YC1050 2.8 TONNER RANGE	1997 >	638		2	MF
PANTHER 2.5L 1 TONNER	1997 >	638		1	MF

ERF					
Model Name	Year	Battery	Alternative	Quantity	Technology
44R, 66R, 66GX, 68GX, 66RH, 66RQ, 66TGSG	1957 - 1961	333		4	MF
LK44, 64SP	1957 - 1961	333		2	MF
64P, 64G, 64GX, 66TSGX, 66GX, 68GX	1961 - 1965	333		4	MF
64A 280, 64A 290, 66A 280, 84 AV 360	1988 >	675		2	MF
86 AV 330, 86 AV 360, 86 AV 380, 86 AV 435	1988 >	689		2	MF
88 AV 480 HD	1988 >	689		2	MF
88 AV 330, 88 AV 380	1988 >	689		2	MF
CUMMINGS ENGINE	2000 >	689		2	MF
ADE ENGINE	2000 >	675		2	MF

FAW					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	2001 >	674		2	MF
1.5 - TON, 2 - TON	2001 >	674		1	MF
2.0 TON CHASSIS CAB A/C	2005 >	674		2	MF
2.0 TON 4.2 LOCAL D/SIDE BODY	2005 >	674		2	MF
9.140 ALL MODELS	2005 >	674		2	MF

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FAW					
Model Name	Year	Battery	Alternative	Quantity	Technology
11.140 & 13.160 ALL MODELS	2005 >	674		2	MF
22.210 ALL MODELS	2005 >	674		2	MF
28.280 & 33.330	2006 >	690	689	2	MF
26.240	2007 >	681		2	MF
15.180	2008 >	674		2	MF

FIAT					
Model Name	Year	Battery	Alternative	Quantity	Technology
9 - 15 TON	1974 - 1975	683		2	MF
15 - 20 TON	1974 - 1975	689	690	2	MF

FIRMACO					
Model Name	Year	Battery	Alternative	Quantity	Technology
POWERSTAR ALL MODELS	2006 >	689		2	MF

FODON					
Model Name	Year	Battery	Alternative	Quantity	Technology
4000 S108R	1988 >	688		2	MF

FORD					
Model Name	Year	Battery	Alternative	Quantity	Technology
D - 900, 100, 1400, DIESEL	1971 - 1979	675		2	MF
R1114 BUS	1973 - 1979	328		2	MF
LOUISVILLE ALL MODELS	1978 - 1979	688		2	MF
CARGO ALL MODELS	1982 - 1986	675		2	MF
FORD 3 TONNER PETROL	1986 >	622		1	MF
FORD 3 TONNER DIESEL	1986 >	622		2	MF
FREIGHTLINER	1986 >	671		2	MF

FREIGHTLINER					
Model Name	Year	Battery	Alternative	Quantity	Technology
ARGOSY, COLUMBIA, FLB / FLD	All	1150		4	SMF
FREIGHTLINER ALL	2007 - 2013	1150		4	SMF
FREIGHTLINER ALL	2014 >	1150		4	AGM

INTERNATIONAL					
Model Name	Year	Battery	Alternative	Quantity	Technology
ACCO 1600, 1800 SERIES	1973 - 1983	333		2	SMF
PAYSTAR EEV F5070 - 350, EEV F5070 - 400	1976 - 1983	333		2	SMF
SF2650 WITH ADE 407 6X4	1980 - 1983	650		3	SMF
SF2670 WITH ADE 6X4	1981 - 1983	651		3	SMF
ACCO SERIES	1981 - 1983	333		2	SMF
SF2670 WITH ADE 407 TURBO 4X2	1981 - 1983	674		3	SMF
SF2670 WITH ADE 4X2	1982 - 1983	652		3	SMF
SF2650 & SF2670 WITH ADE 407 6X4	1982 - 1983	675		3	SMF

COMMERCIAL VEHICLES

INTERNATIONAL					
Model Name	Year	Battery	Alternative	Quantity	Technology
SF2670 WITH FORMULA 350 6X4	1983 - 1983	653		3	SMF
SF2650 WITH D7 466 B 6X4	1983 - 1983	676		2	SMF
1850D, 1890D	1983 - 1985	333		2	SMF
SF2670 WITH FORMULA 300 6X4	1984 - 1983	654		3	SMF
SF2670 WITH FORMULA 300 6X4	1984 - 1983	677		3	SMF
SF2630 WITH D7 466 B 6X4	1985 - 1983	655		3	SMF
SF2650 WITH DT466 B 4X2	1985 - 1983	678		3	SMF
SF2630 WITH D7 466 B 4X2	1986 - 1983	656		3	SMF
SF2670 WITH FORMULA 300 4X2	1986 - 1983	679		2	SMF
2000D, F2000D, 210D, F210D	1993 >	328		2	SMF
9400 NS, 9400 S, 9700	1994 >	1150		2	SMF
NEW SERIES	1995 >	1150		2	SMF
EAGLE RANGE	1997 >	1150		4	SMF
7400 ER & 7600 HIGHWAY	2004 >	1150		3	SMF
9800	2005 >	1150		4	SMF

ISUZU					
Model Name	Year	Battery	Alternative	Quantity	Technology
TWD 55, TXD 70E	1968 - 1976	680	683	2	MF
WASP KRD - 10	1968 - 1976	631		2	MF
SFR 420, 460	1968 - 1976	680	683	1	MF
SLR 350, 360, 520 & VPR 290	1968 - 1976	689		2	MF
BD 61/65	1968 - 1976	690		2	MF
NKR 99/NPR 99	1986 - 1989	685		1	MF
F3500,F4000,F5000,6500,F8000,F9000	1989 >	674		2	MF
F8000D,F9000D,F5000D	1993 >	674		2	MF
SPR 4223	1993 >	622		2	MF
KB ALL MODELS	2004 >	638		1	MF
F - SERIES & N SERIES ALL MODELS	2004 >	689		2	MF
NPR 300 ALL MODELS	2008 >	649		2	MF
NPR 400 ALL MODELS & NQR & FRR 500	2008 >	639		2	MF
NLR 150	2008 >	648		2	MF
FDM 1200	2008 >	658		2	MF
TWD 55, TXD 70E	1968 - 1976	680	683	2	MF
WASP KRD - 10	1968 - 1976	631		2	MF
SFR 420, 460	1968 - 1976	680	683	1	MF
SLR 350, 360, 520 & VPR 290	1968 - 1976	689		2	MF
BD 61/65	1968 - 1976	690		2	MF
NKR 99/NPR 99	1986 - 1989	685		1	MF
F3500,F4000,F5000,6500,F8000,F9000	1989 >	674		2	MF
F8000D,F9000D,F5000D	1993 >	674		2	MF
SPR 4223	1993 >	622		2	MF
KB ALL MODELS	2004 >	638		1	MF
F - SERIES & N SERIES ALL MODELS	2004 >	689		2	MF
NPR 300 ALL MODELS	2008 >	649		2	MF
NPR 400 ALL MODELS & NQR & FRR 500	2008 >	639		2	MF
NLR 150	2008 >	648		2	MF

COMMERCIAL VEHICLES

IVECO					
Model Name	Year	Battery	Alternative	Quantity	Technology
190 - 36, 260 - 36, 280 - 48	1992 >	689		2	MF
EUROTRAKKER RANGE	1997 >	689		2	MF
EUROTECH RANGE	1997 >	658		2	MF
SUPER 700C 42	1997 >	689		2	MF
EURO CARGO 150E 18N	1997 >	658		2	MF
SUPER 260C 27	1997 >	683		2	MF
SUPER 380C 31 & SUPER 440C 42	1997 >	689		2	MF
SUPER EURO	1997 >	658		2	MF
TURBO DAILY	1997 >	674		1	MF
TURBO CHARGE 712/414/ 709	1997 >	658		2	MF
DAILY ALL MODELS	2004 >	689		2	MF
EUROTRAKKER ALL MODELS	2004 >	689		2	MF
NEW EURO CARGO ALL MODELS	2004 >	689		2	MF
STRAILS/EURO TECH ALL MODELS	2004 >	689		2	MF
BUSES 100E17*SILENT RAIDER* 36 SEATER	2004 >	689		2	MF
BUSES 100E21*CAB * 36 SEATER	2004 >	689		2	MF
EUROCARGO	2005 >	674		1	MF
EUROTRAKKER RANGE	2005 >	689		2	MF
STRALIS RANGE	2005 >	689		2	MF
35 S 12V	2007 >	674		1	MF
35S154	2007 >	674		1	MF
50 C 15 RANGE ALL MODELS	2007 >	674		1	MF
65 S CA LL	2007 >	674		1	MF

KOMATSU					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS, WA 250, 350	All	680	683	1	MF
GD 523 A - 1	All	674		1	MF

LEYLAND (ALBION)					
Model Name	Year	Battery	Alternative	Quantity	Technology
154, 270, 255, BOXER, 708, 1009, 1209, 1219M, 1211M, 1311M	1976 - 1981	675		1	MF
1309M	1976 - 1981	675		1	MF
1410 / 1412 / 2212	1981 - 1985	671		2	MF
1614 / 1617 / 121 / 2424 / 2421 / 241	1981 - 1985	675		2	MF
1612 / 2412	1983 - 1985	674		2	MF
1614 ECONOMY B5	1983 - 1985	689		2	MF
BUS RANGE	1985 - 1986	328		4	MF
DAF 45, 50	1994 >	674		2	MF
DAF 17 - 290	1995 >	341		2	MF
DAF 85, 95	All	689		2	MF
ADD 18 - 140	All	683		2	MF
ADD LDV	All	628			MF

COMMERCIAL VEHICLES

MACK					
Model Name	Year	Battery	Alternative	Quantity	Technology
R865, F785	1973 - 1985	1150			
R686, F786	1985 >	1150			
SERIES RD, CH & CL	1997 >	1150		1	MF
OPTIONAL	All	688		2	MF

MARGIUS DEUTZ					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	1968 - 1971	689		2	SMF
230 D SERIES	1971 - 1975	685		2	SMF
D2C2 EV110 BUS	1974 - 1975	341		4	VENTED
R80 BUS	1974 - 1975	674		2	SMF
130D, 232D	1974 - 1975	685		2	SMF
160D, 170D	1975 >	685		2	SMF

M.A.N					
Model Name	Year	Battery	Alternative	Quantity	Technology
9 SERIES	1980 - 1992	690		2	MF
SERIES 14, 16	1980 - 1994	685		2	MF
SERIES 19, 22	1980 - 1994	685		2	MF
SERIES 24, 26	1980 - 1994	685		2	MF
BUS RANGE SERIES 16 AND 17 - OPTIONAL	1980 - 1991	341	685	4	MF
BUS RANGE SERIES 19 - OPTIONAL	1992 - 1993	689	341 x 4	2	MF
26,552	1996 >	675		2	MF
ALL MODELS	2005 >	692		2	MF
L/M CHASSIS RANGE ALL MODELS	2005 >	696		2	MF
TGA CHASSIS RANGE ALL MODELS	2005 >	696		2	MF
BUS RANGE ALL MODELS	2005 >	696		2	MF
10.180	2007 >	658		2	MF
18.240	2007 >	683		2	MF
TGS RANGE ALL MODELS	2010 >	669		2	MF

MERCEDES BENZ					
Model Name	Year	Battery	Alternative	Quantity	Technology
L508, L608, L613	1968 - 1980	652		2	MF
OF 1313	1969 - 1971	688		1	MF
L - TYPE (MEDIUM)	1969 - 1980	652		2	MF
L911, L1011, L1013, L1113, L1213, L1313	1969 - 1983	689		1	MF
L/LS 1418, L/LS 1918, L/LS 1921	1969 - 1983	689		2	MF
L1413, L1513, L1517	1970 - 1983	689		1	MF
LS 1924, L 2019, LS 1928	1970 - 1983	690		2	MF
L - TYPE (HEAVY)	1971 - 1983	689		1	MF
L/LS 2624, L/LS 2628, 2637	1971 - 1983	689		2	MF
OF 1113, 1313	1971 >	688		1	MF
NEW GENERATION (MEDIUM)	1972 - 1983	689		2	MF
1419, 2219, 1924, 1926, 1928, 1933,	1974 >	682 / 683	680 / 681	2	MF
2624, 2628, 2632, 2633, 2636, 2638,	1975 >	682 / 683	680 / 681	2	MF

COMMERCIAL VEHICLES

MERCEDES BENZ					
Model Name	Year	Battery	Alternative	Quantity	Technology
2224, 2225, 2233, 333, 326, 262, 637	1976 >	682 / 683	680 /681	2	MF
LN 1 (SPEEDLINER)	1977 >	682 / 683	680 /681	2	MF
1213, 1413, 1417	1978 >	691		1	MF
OF 1317, OF 1417, OF 1617	1978 >	682 / 683	680 /681	2	MF
NEW GENERATION (HEAVY)	1979 >	691		1	MF
OF 1419, OF 1619, OF 1624	1981 >	682 / 683	680 /681	2	MF
OH 1625, OH 1628	1986 >	689		2	MF
609, 811	1990 >	674		1	MF
1114, 1314, 1417, 1617	1990 >	671		2	MF
1735, 2435, 2444	1990 >	683		2	MF
LN 2 (ECONOLINER)	1991 >	674		1	MF
SK (POWERLINER)	1991 >	671		2	MF
BUS	1991 >	683		2	MF
OF 1724	1996 >	689		2	MF
MERCEDES SPRINTER	1997 >	654		1	MF
TRUCKS ALL MODELS	1998 >	692		2	MF
MB 800	2002 >	674		2	MF
ATEGO	2004 >	689	692	2	MF
AXOR 2 & ACTROS 2	2004 >	689	692	2	MF
BUS	2004 >	689	692	2	MF
SPRINTER ALL MODELS	2004 >	658		1	MF
ACTROS ALL MODELS	2007 >	689	692	2	MF
AXOR ALL MODELS	2007 >	689	692	2	MF
ATEGO	2010 >	683	692	2	MF

MITSUBISHI					
Model Name	Year	Battery	Alternative	Quantity	Technology
K800, K900, K7900	1965 - 1968	674		2	MF
CANTER DIESEL	1981 - 1985	638		2	MF
CANTER PETROL	1981 - 1985	638		1	MF
FK	1981 - 1985	682 / 683	680 /681	2	MF
FK AND MK SERIES	1984 - 1986	671		2	MF
CANTER DIESEL	1998 >	657		1	MF
FUSO 3 TON	2006 >	657		2	MF
CANTER FE 7.143	2010 >	638		2	MF
FUSOFK 13-240	2010 >	638		2	MF

NISSAN					
Model Name	Year	Battery	Alternative	Quantity	Technology
5 TON CM8,6TON CM10,DIESEL	1975 - 1993	657		2	MF
780,CK30, CW45 / 46 / 47	1975 - 1993	682		2	MF
CM12,CM14,CM15,CM16 DIESEL	1975 - 1993	682		2	MF
CW55 AND CW56	1987 - 1993	682		2	MF
CK 30D, CW 46 PAN, CW 46 PA	1988 - 1993	682		2	MF
CW 290 HTA / HTF	1993 >	685		2	MF
CW 350 HTA / HTF	1993 >	685		2	MF

COMMERCIAL VEHICLES

NISSAN					
Model Name	Year	Battery	Alternative	Quantity	Technology
CABSTAR 20 T90S/C, T91 D/C	2001 >	657		1	MF
CABSTAR 35/552, 40/553,40L/554	2001 >	638		2	MF
CABSTAR 20 SC	2001 >	638		2	MF
CABSTAR 20 DC	2001 >	638		2	MF
CB31R BUS T04	2001 >	682		2	MF
UD35	2001 >	657		2	MF
UD40	2001 >	657		2	MF
UD40L	2001 >	657		2	MF
UD 60 T51	2001 >	657		2	MF
UD 60	2001 >	657		2	MF
UD 70 T52, 80 T53	2001 >	657		2	MF
UD 85 T54, 90 T55	2001 >	657		2	MF
UD 95 T57	2001 >	657		2	MF
UD 70	2001 >	657		2	MF
UD 80	2001 >	657		2	MF
UD 85	2001 >	657		2	MF
UD 90	2001 >	657		2	MF
UD 95	2001 >	657		2	MF
UD 290 KT T10,WD T12,WF T13	2001 >	682		2	MF
UD 290 KT	2001 >	682		2	MF
UD 350 KT T11,WF T14,WT T16	2001 >	682		2	MF
UD 350 KT	2001 >	682		2	MF
UD 290 WD	2001 >	682		2	MF
UD 290 WF	2001 >	682		2	MF
UD 290 WM	2001 >	682		2	MF
UD 350 WT	2001 >	682		2	MF
UD 440 ST	2001 >	682		2	MF
UD 440 WF	2001 >	682		2	MF
UD 430 WT T17	2001 >	682		2	MF
GW 26410 & 26490	2012 >	690		2	MF
UD 35A & 40B	2013 >	669		2	MF
UD 60B 70B 80B 85B 90B 95B & 100A	2013 >	657		2	MF
UD 330 WF	2013 >	681		2	MF

OSHKOSH					
Model Name	Year	Battery	Alternative	Quantity	Technology
E1244, D.I. AND I.C.I. 1100	1970 - 1975	1150		2	MF
E1244, I.F.I. AND I.G.I. 1600	1970 - 1975	1150		4	MF
R SERIES J20 - 65	1970 - 1975	1150		4	MF
SERIES (ALL MODELS)	1976 - 1979	1150		4	MF

PETERBILT					
Model Name	Year	Battery	Alternative	Quantity	Technology
362, 362E, 377	1989 >	1150		4	SMF
R385, AE, CSH AND PREMIUM RANGE	1997 >	689 x 2		2	MF

COMMERCIAL VEHICLES

RENAULT					
Model Name	Year	Battery	Alternative	Quantity	Technology
R385, AE, CSH AND PREMIUM RANGE	1997 >	689 x 2		2	MF
KERAX,MAGNUM (RETARDER BREAKING SYSTEM PREMIUM)	2001 >	692 x 2		2	MF
KERAX 350.34 TIPPER 6 X 4	2001 >	689 x 2		2	MF
KERAX 350.34 RIGID 6 X 4 WITH ABS	2001 >	689 x 2		2	MF
KERAX 400.34 TRACTOR 4 X 2 INTARDER,ZF 16S221	2001 >	689 x 2		2	MF
KERAX 400.19 TRACTOR 4 X 2 INTARDER	2001 >	689 x 2		2	MF
KERAX 400.19 TRACTOR 4 X 2 INTARDER,AIR SUSPENSION	2001 >	689 x 2		2	MF
KERAX 400.40 RIGID 8 X 4 WITH PTO	2001 >	689 x 2		2	MF
MIDLUM 220.18 RIGID 4 X 2 ABS	2001 >	689 x 2		2	MF
MIDLUM 220.18 TIPPER 4 X 2 WITH PTO	2001 >	689 x 2		2	MF
MIDLUM 2701.25 RIGID 6 X 2 AIR SUSPENSION	2001 >	689 x 2		2	MF
MIDLUM 220.13 RIGID 4 X 4	2001 >	689 x 2		2	MF
PREMIUM 420.19 TRACTOR 4 X 2 INTARDER	2001 >	689 x 2		2	MF
PREMIUM 420.19 TRACTOR 4 X 2 INTARDER,AIR SUSPENSION	2001 >	689 x 2		2	MF
PREMIUM 420.19 TRACTOR 4 X 2 ASTRONIC	2001 >	689 x 2		2	MF
PREMIUM 420.26 TRACTOR 6 X 4 INTARDER,ASTRONIC	2001 >	689 x 2		2	MF
KANGOO EXPRESS VAN	2004 >	619		1	MF
KANGOO EXPRESS 1.5 DCI	2004 >	619		1	MF

SAMAG					
Model Name	Year	Battery	Alternative	Quantity	Technology
16814, 16816, 24016, 28026, 13012	1983 - 1985	685 x 2		2	MF
70L, 120L & ALL MODELS SADF TRUCKS	1988 - 1992	682/683 x 2		2	MF
TURBO STAR	1990 - 1993	689 x 2		2	MF

SCANIA					
Model Name	Year	Battery	Alternative	Quantity	Technology
LD80, LDT/S110, LDT/T140	1970 - 1975	689 x 2		2	MF
LBS 85	1972 - 1975	689 x 2		2	MF
R142, R112	1972 - 1975	685 x 2		2	MF
P113, P143	1993 >	685 X 2		2	MF
F93, F94 BUS RANGE	1997 >	683 x 2		2	MF
NEW 4 SERIES R144, P124 TRUCK RANGE	1997 >	682 x 2		2	MF
ALL MODELS	2001 >	683 x 2		2	MF

TATA					
Model Name	Year	Battery	Alternative	Quantity	Technology
2 TON, 4 TON	2002 >	683		1	MF
BUS 32 SEATER	2002 >	696		1	MF
K4 MVF 6 X 4 CONCRETE MIXER	2003 >	698		1	MF
K4DEF6X4 15 TON DUMP ECO FAB	2004 >	698		1	MF
LPT 70M CHASSIS CAB (3TON PAYLOAD)	2005 >	698		1	MF
LPT 7135 CHASSIS CAB (4TON PAYLOAD)	2006 >	698		1	MF

COMMERCIAL VEHICLES

TATA					
Model Name	Year	Battery	Alternative	Quantity	Technology
LP 7135 32 SEATER BUS	2007 >	698		1	MF
LPTA 713S 4 X 4 (3TON PLAYLOAD)	2008 >	698		1	MF
LPT 1518TC (8 TON PAYLOAD)	2009 >	698		1	MF
1518 - 8T	2009 >	682 X 2		2	MF
SFC 407 CHASSIS CAB (1.2 PAYLOAD)	2010 >	698		1	MF
SFC 407 INDIAN DROPSIDE LOADBOY (1.2 PAYLOAD)	2011 >	698		1	MF
V3TVF 6 X 4 TRUCK TRACTOR	2012 >	698		1	MF
TATA	2014 >	698		2	MF

TOYOTA					
Model Name	Year	Battery	Alternative	Quantity	Technology
DYNA ALL MODELS	1974 - 1977	622		1	MF
HINO KB AND KL RANGE	1974 - 1979	681		2	MF
6000 DA 110/115/116	1974 - 1993	681		2	MF
KL340 END SERIES	1975 >	650		1	MF
LK360, KL302, KL340, KL360, BY340 BUS	1975 >	328		4	MF
H320 / TH340 CHASSIS	1975 >	680		3	MF
D.A. SERIES	1977 - 1993	682		2	MF
42 / 260, 39 / 260, 26 / 260	1979 - 1984	689		2	MF
DA 110/116	1985	682		2	MF
DYNA (DIESEL)	1982 - 1985	674		1	MF
DYNA (PETROL)	1982 - 1985	622		1	MF
HINO "F" SERIES & DA 110/116	1983 - 1993	682		2	MF
HINO - SUPER DOLPHIN	1985 >	690		2	MF
44 - 280, 55 - 330, 55 - 380, 55 - 350	1988 - 1993	682		2	MF
SUPER DOLPHIN 26 - 240, 26 - 280, 35 - 240, 39 - 240, 41 - 280	1988 - 1993	690		2	MF
HINO FE 12-33, FE 14-73, 35-240, 41-280, 44-280, 55-330, 55-380	1988 - 1993	682		2	MF
DYNA CW U95, HINO FD19 - 176, FF13 - 176, FG14 - 77	1988 - 1993	682		2	MF
HINO 25 - 173, 35 - 243, 41 - 293, 47 - 294, 57 - 354	1993 >	689		2	MF
HINO 25-173	1993 >	682		2	MF
ALL MODELS TRUCKS	1994 >	689		2	MF
4 - 093 - TON DROPSIDE & 1.5 TON VAN BODY & TON CHASSIS CAB	2007 >	657		2	MF
5 - 103 - 2.5 TON CHASSIS CAB SWB	2007 >	657		2	MF
5 - 104 - 2.5 TON CHASSIS CAB LWB	2007 >	657		2	MF
6 - 104 - 3.5 TON CAB S/LWB	2007 >	657		2	MF
6 - 105 - 3.5 TON CAB S/LWB	2007 >	657		2	MF
7 - 105 - 4 TON CHASSIS CAB S/LWB	2007 >	657		2	MF
7 - 145 - 4 TON CHASSIS CAB S/LWB	2007 >	657		2	MF
8 - 145 - TON CHASSIS CAB S/LWB	2007 >	657		2	MF
500 SERIES (HINO SUPER F - SERIES) ALL MODELS	2007 >	657		2	MF
NEW 700 SERIES ALL MODELS	2007 >	698Z		2	MF
300 SERIES	2010 - 2013	657		2	MF
300 SERIES ALL MODELS	2014 >	652		2	MF

COMMERCIAL VEHICLES

VOLVO					
Model Name	Year	Battery	Alternative	Quantity	Technology
F12	1994 >	689		2	MF
B7 AND B10 BUS RANGE AND B12 COACH RANGE	1994 >	689		2	MF
FM 400 FH 400 FH440 FH480	2006 >	696		2	MF
FMX 440	2010 >	696		2	MF

VOLKSWAGEN					
Model Name	Year	Battery	Alternative	Quantity	Technology
VW CONSTELLATION ALL MODELS	2006	682PS		x 2	MF

WARRIOR					
Model Name	Year	Battery	Alternative	Quantity	Technology
WARRIOR 26 - 300	2005 >	689		2	MF
WARRIOR 17 - 210	2006 >	681		2	MF
WARRIOR 420	2009 >	692	689	2	MF
WARRIOR KINGRUN 9 - 140	2010 >	674		1	MF
WARRIOR KINGRUN 14 - 180	2010 >	674		1	MF

HENLEY					
Model Name	Year	Battery	Alternative	Quantity	Technology
HAWK 5 TON , 6 TON DIEEL & PETROL	All	675		1	MF
HUSKY 8 TON , 10 TON , 12 TON , 14 TON DIESEL	All	675		1	MF
HERCULES 15 TON , 18 TON ,22 TON, 26 TON ,48 TON	All	675		x 2	MF
HERON 15 DIESEL	All	675		x 2	MF
SIDE LOADER 5 TON, 6 TON, 10 TON DIESEL	All	675		1	MF
H 1.75 , 2.0, 2.5 , 3.0 DIESEL & PETROL	All	622		1	MF
H 4.0 ,5.0 ,6.0 PETROL & DIESEL	All	682		1	MF
H 10,0 - 12,0 - 22,5 PETROL & DIESEL	All	682		1	MF

CONSTRUCTION VEHICLES

KOMATSU					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS 10S - 20S FORK TRUCKS	All	621		1	MF
FD 20 - 6, FD25 - 6, FD 35 - 1 DIESEL	All	682 / 683	680 / 681	1	MF
FD 30,FD50 FORK TRUCKS	All	682		x 2	MF
FD 200 , FD 250	All	687		x 2	MF
FD 35 - 1, FD 50 - 2, FD60 - 2, FD70 - 7, FD100 - 3	All	682 / 683	680 / 681	x 2	MF
GF 10-10 PETROL , GF 15-10 PETROL , FG 20-6 PETROL ,GF25-6 PETROL	All	630		1	MF
GF25 - 6 PETROL	All	630		1	MF
FG 30 - 2 PETROL , FG 35 - 1 PETROL , FG 40 - 1 PETROL	All	657		1	MF
SHOVEL LOADER SD 103 ,SD 20 - 5	All	682 / 683	680 / 681	x 2	MF

LANCER BOSS					
Model Name	Year	Battery	Alternative	Quantity	Technology
300 SERIE 300 ,400 , 700S , 1000	All	674		1	MF
M,H,C PETROL AND DIESEL	All	674		1	MF

MITSUBISHI					
Model Name	Year	Battery	Alternative	Quantity	Technology
FD 15, FD 25 ,FD 30	All	630		x 2	MF
FD 45	All	622		x 2	MF
FG15 ,FG 25, FG 30	All	630		x 2	MF
FG 45	All	622		1	MF

TCM					
Model Name	Year	Battery	Alternative	Quantity	Technology
FD 1.5 - 2.5	All	622		1	MF
FD 3.0 UPWARD	All	671		1	MF
FG 1.5 - 2.5	All	610		1	MF
FG 3.0 UPWARD	All	671		1	MF

TOYOTA					
Model Name	Year	Battery	Alternative	Quantity	Technology
5 FG 1.5 - 4	All	622		1	MF
5 FD 1.5 - 4	All	650		1	MF

YALE					
Model Name	Year	Battery	Alternative	Quantity	Technology
FG 20 , FG 25 PETROL AND GAS	All	682		1	MF
FD 20 , FD 25	All	682		1	MF
GPO 20 , GPO 30 PETROL	All	622		1	MF
DIESEL 2 TON	All	657		1	MF
PETROL 2 TON	All	622		1	MF

CONSTRUCTION VEHICLES

ALLIS CHALMERS					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	1983 >	674		2	MF
B.C WK.WD,WF,H3	All	309	331	1	MF
B.PERKINS DIESEL	All	660		1	MF
HD:3,5,5G,7,8,9,10W,12AD:3,4	All	333		2	MF
HD:14,15,19,19H,20	All	333		1	MF
HD 7/10	All	328		1	MF
HD 6/11	All	682 / 683	680 /681	1	MF
K	All	309	331	1	MF
S	All	333		1	MF
D270 AND D272 DIESEL	All	660		1	MF
PARAFFIN	All	622		1	MF
HARVESTER - GLEAVES	All	333		2	MF
HD21	All	688		1	MF
JD6 ,11 ,16	All	689		1	MF
545B,605B	All	671		2	MF
645B	All	689		2	MF
745HB	All	687		2	MF

TRACTORS

B.M.C					
Model Name	Year	Battery	Alternative	Quantity	Technology
MINI TRACTOR	1968 >	650		1	MF
345 TRACTOR	1968 >	659		1	MF
465 TRACTOR	1968 >	333		1	MF

BRISTOL					
Model Name	Year	Battery	Alternative	Quantity	Technology
MODELS 970,1070,1370,2470	1976 >	674		2	MF
DROT	1976 >	665		1	MF
W14,W20	1976 >	333		4	MF
W24,W26	1976 >	689		2	MF
MODEL 430 SCAT BACK	1976 >	674		1	MF
2090 , 2290	1976 >	674		2	MF
2390	1976 >	674		2	MF
4490	1976 >	674		2	MF
4690	1976 >	674		2	MF
4890	1976 >	674		2	MF
4496, 2394, 4494	1976 >	674		2	MF
C80/62KM	2000 >	674		1	MF
C100/74KM	2000 >	674		1	MF
H.A	All	333		1	MF
22 DIESEL, 25 PETROL	All	674		1	MF
20 AND 22 PETROL	All	657		1	MF
D,DC,DEX,DO,DS,DV	All	331		1	MF
LA	All	333		1	MF
SAND V SERIES	All	309		1	MF
500, 600 ,610 , 830 , 930 ,	All	320		1	MF

CASE					
Model Name	Year	Battery	Alternative	Quantity	Technology
MAGNUM SERIES	2012 >	674		2	MF
JX 95	2012 >	683	658	1	MF
FARMIL JX	2012 >	658		1	MF
MAXUM 140	2012 >	658	674	1	MF
JX 75T, JX80, JX90	2012 >	658	674	1	MF
PUMA SERIES	2012 >	692	696	1	MF

CATERPILLAR					
Model Name	Year	Battery	Alternative	Quantity	Technology
DW14,15,20,21,D6,D8.14SERIES	1956 - 1957	333		4	MF
D2,4 933,955	1956 - 1957	679		2	MF
D,4	1945 - 1957	655		1	MF
D2,4,6,8,9,933,955,977	1956 - 1957	333		4	MF
D2,4,933	1956 - 1957	658		2	MF
D6,977	1956 - 1957	333		4	MF
920,930,950,966,953,963,D3,D4,D5,D6,D7	All	688		1	MF
MOTOR GRADERS: 12G ,140G	All	688		1	MF

TRACTORS

CHALLENGER					
Model Name	Year	Battery	Alternative	Quantity	Technology
865 SERIES	All	674		4	MF
965 SERIES	All	674		4	MF
765 SERIES	All	674		4	MF
600 SERIES COMBINE	All	674		4	MF
500 SERIES COMBINE	All	OE		1	MF

CLATON COMBINE					
Model Name	Year	Battery	Alternative	Quantity	Technology
M135,M122	All	333x 2		2	MF

DAVID BROWN					
Model Name	Year	Battery	Alternative	Quantity	Technology
995,1210,1410,885 ALL A. MODELS	1976 >	694			MF
CROPMASTER	All	309	331	1	MF
TASKMASTER - 2D INDUSTRIAL - PETROL	All	650		1	MF
TASKMASTER - 2D INDUSTRIAL - DIESEL	All	333		2	MF
DIESEL MODELS 900D,SD4/3,25D,30D,50D	All	333		2	MF
MODELS DIESEL 900G,900K,990K	All	650		1	MF
MODELS 25,30C - PETROL	All	650		1	MF
VAK SERIES	All	309		1	MF
S/K 4/3	All	650		1	MF
990, 880, 770	All	674		1	MF
880,950D	All	331		2	MF

DEUTZ FAHR					
Model Name	Year	Battery	Alternative	Quantity	Technology
5006, 8006, 10006, 13006, 6806	1976 >	313		2	MF
D6806,D7206	1976 >	313		2	MF
6207,6807,7207,720 ³ ,DX90,DX90A	1976 >	685		1	MF
DX120,DX120A,DX145,DX145A	1976 >	685		1	MF
DX160A,D470TURBO A,D630,D710,TURBO A,	1976 >	685		1	MF
D6507 , DX5207	All	685		1	MF
M900,M1000,M1102,M1320H	All	309	331	1	MF
M1302,F2L - 514	All	309	331	1	MF
F3L - 514/6	All	333		2	MF
F1L - 514,F4L - 514	All	674		1	MF
D25S,D30	All	670		1	MF
F - 2 M	All	689		1	MF
F - 3 M	All	670		1	MF
F2L - 712	All	313		2	MF
CRAWLER F6L514	All	682	683	1	MF
WHEELER F4L514	All	682 / 683	680 / 681	1	MF
F3L 12,40 H.P	All	333		2	MF
D40S	All	333		1	MF
D30S	All	674		1	MF
D8005 AND SOME D5505	All	333		2	MF

TRACTORS

DEUTZ FAHR					
Model Name	Year	Battery	Alternative	Quantity	Technology
D5505 (SOME)	All	650		1	MF
555 AIR COOLED	All	333		2	MF
MODELS UP TO AND INCL 4006	All	685		1	MF

FIAT NEW SERIES					
Model Name	Year	Battery	Alternative	Quantity	Technology
55/46,70/66,80/60	1984 >	674		1	MF
90/90,100/90,110/90	1984 >	692		1	MF
115/90,140/90,160/90	1984 >	692		1	MF
M100,M115,M135,MM160	1984 >	658		2	MF
55/56,55/86,60/86	1984 >	674		1	MF
70/56,72/86,80/66	1984 >	674		1	MF

FORD					
Model Name	Year	Battery	Alternative	Quantity	Technology
F2000, F3000	1972 - 1975	658		1	MF
F4000, F5000	1972 - 1975	685		1	MF
F4500, F6500, 7500	1972 - 1975	685		1	MF
26 - 36	1976 >	658		1	MF
46 - 96WZL	1976 >	333		2	MF
8600, 9600, 9700, 7600	1976 - 1979	685		1	MF
2600, 3600	1980 >	658		1	MF
5600, 6600, 7600, TW20M	1980 >	685		1	MF
4110, 4600, 5610, 6610, 7610, 7640, 1164, F1900	1980 >	685		1	MF
TW25,TW30,TW35,2610	1980 >	685		1	MF
TS - 80	2002 >	674		1	MF
TS - 90	2002 >	674		1	MF
80 - 30	2002 >	674		1	MF

FORDSON					
Model Name	Year	Battery	Alternative	Quantity	Technology
FORDSON DEXTA	1965 >	658		1	MF
MAJOR 4000.5000 SERIES	1966 - 1993	685		1	MF
6500,7000,SERIES 754,1164,4500,T4500	1966 - 1993	685		1	MF

INTERNATIONAL HARVESTER					
Model Name	Year	Battery	Alternative	Quantity	Technology
384, 484, 584, 684, 784, 3588, 4786	1978 - 1987	674		1	MF
1055	1978 - 1981	333		2	MF
331, 1420, 1440, 1460, 1480	1979 - 1984	674		1	MF
284D, 485, 533, 533E, 533V, 633E, 685A, 684RC, 684A	1981 - 1984	674		1	MF
685RC,785(AC),5088,4786	1981 - 1984			1	MF
105610866588	1981 - 1984	333		2	MF
485588685785	1981 - 1984	674		1	MF
844, 1056	1981 - 1984	658CV		1	MF

TRACTORS

JOHN DEERE					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS GERMAN MACHINES EXCEPT 3130	1974 - 1975	674		1	MF
3010	1974 - 1975	674		2	MF
5020, 7250	1974 - 1975	658		2	MF
4020	1974 - 1975	655		2	MF
4240, 4440, 4640, 8440, 8640	1974 - 1975	336		2	MF
8430, 8630, 8650, 8850	1974 - 1975	328		2	MF
3010, 4010, 5010, 3020, 4230, 4430, 4630, 6030	1974 - 1976	333		2	MF
ALL LOCAL AND IMPORTED MODELS	1975 - 1993	675		1	MF
LOCAL:2251,2251M,2351,2651,2951,3350,3650	1975 - 1993	675		1	MF
IMPORTED:1850M,4455,4760,4960	1975 - 1993	OE		1	MF
4255	1992 >	328		2	MF
LOCAL	1994 >	675		1	MF
G210 / 87 - 70	2012 >	674		1	MF
G240 / 87 - 70	2012 >	674		1	MF
TLB 90	2012 >	685		1	MF
7R SERIES	2012 >	674		3	MF
8R SERIES	2012 >	674		3	MF
9R SERIES	2012 >	674		3	MF
COMBINES ALL MODELS	2012 >	674		2	MF
SPRAYER ALL MODELS	2012 >	674		1	MF
G190 / 87 - 70	2012 >	674		1	MF
FX 450 KERWER	2012 >	658		2	MF
NEW HOLLAND MODEL TR98	2012 >	658		2	MF
NEW HOLLAND MODEL TC54	2012 >	658		2	MF
NEW HOLLAND MODEL TC56	2012 >	658		2	MF
NEW HOLLAND MODEL L521	2012 >	692		1	MF
NEW HOLLAND MODEL L517	2012 >	692		1	MF
NEW HOLLAND MODEL TX62	2012 >	658		2	MF
TN, TS, 30, 56, 86	2012 >	674		1	MF
66	2012 >	658		1	MF
100 - 90	2012 >	658		1	MF
110 - 90	2012 >	658		1	MF
140 - 90	2012 >	692		1	MF
160 - 90	2012 >	692		1	MF
TD 5 - 100 & TD 5 - 110	2012 >	689	692	1	MF
TT75 & TTAT & TT95 & TN80F & M160	2012 >	658	674	1	MF
TM150 / 165 / 170 / 180	2012 >	652		2	MF
TT55 / TT55 TURB / TT 75 / TT75M	2012 >	658	674	1	MF
5000 SERIES ALL MODELS	All	674		1	MF
6000 SERIES ALL MODELS	All	685		1	MF
6M SERIES	All	685		1	MF
7000 SERIES	All	674		1	MF
8000 SERIES	All	674		2	MF
9000 SERIES	All	674		3	MF

TRACTORS

KOMATSU					
Model Name	Year	Battery	Alternative	Quantity	Technology
D50A 15,D55S,D65A6	1975 >	682		2	MF
D65A,65E,60 ² ,75S	1975 >	688		1	MF
D85/12,95S,150,155,355,333	1975 >	688		1	MF
MODEL D31516,D75/2	1975 >	682		2	MF
MODEL HD320/2	1975 >	688		2	MF

LANDINI					
Model Name	Year	Battery	Alternative	Quantity	Technology
R6000, R7000	1965 >	674		2	MF
R4000, R4500	1965 >	654	671	1	MF
MODEL R8000 SUPER SPECIAL	Up to 1975	682		1	MF
MODEL R5000 SPECIAL	Up to 1975	682		1	MF
MODEL R8000 S SPECIAL	Up to 1975	682		1	MF
MODEL R8500 SUPER	Up to 1975	659		1	MF
MODEL 6500, 7500, 8500	1976 >	674		1	MF
8550	1976 >	685		1	MF
1, 250, 014, 500	1978 - 1984	685		1	MF
1000, 1300, 8830, 7830, 5830	1983 >	674		1	MF
CLAYSENS RAIDER NEW HOLLAND 8030	All	674		1	MF
8040, 8060, 8070	All	674		2	MF
TR85, TF42, TF44	All	674		2	MF
LAVERDA	All	674		1	MF

MASSEY FERGUSON					
Model Name	Year	Battery	Alternative	Quantity	Technology
185, 188	1974 - 1975	674		1	MF
1080, 1105	1974 - 1975	674		2	MF
240, 265/4, 250, 290/4, 275, 245, 265, 275, 285, 290, 298, 674	1976 - 1979	674		1	MF
MF55C	1976 - 1979	674		1	MF
ALL MODELS	1979 >	674		2	MF
298, 290STD, 2640/4, 298/4, 540, 550, 850, 50MF, 2680	1989 - 1990	652		2	MF
COMBINE 300SP,MF 244 DOZER	1989 - 1990	674		1	MF
850, 50MF, 2680, 2720, 365	All	652		2	MF
35 DIESEL MK1	All	333		1	MF
35 DIESEL AND 64 DIESEL MKII	All	674		2	MF
356 (INDUSTRIAL)	All	674		1	MF
65R,135,165,175,205,178	All	674		1	MF
3305	All	674		2	MF

NEW HOLLAND					
Model Name	Year	Battery	Alternative	Quantity	Technology
L/35	All	658		1	MF
L/75 /66 - 35	All	658		1	MF
L85 /82 - 35	All	658		1	MF
M/60, 658	All	658		1	MF
M100/81 - 60	All	658		2	MF

TRACTORS

NEW HOLLAND					
Model Name	Year	Battery	Alternative	Quantity	Technology
M115/82 - 60	All	658		2	MF
M135/83 - 60	All	658		2	MF
M160/85 - 60	All	658		2	MF
G70	All	674		1	MF
G190/87 - 70	All	674		1	MF
G210/87 - 70	All	674		1	MF
G240/87 - 70	All	674		1	MF
FX450 KERWER	All	658		2	MF
NEW HOLLAND MODEL TR98	All	658		2	MF
NEW HOLLAND MODEL TC54	All	658		2	MF
NEW HOLLAND MODEL TC56	All	658		2	MF
NEW HOLLAND MODEL L521	All	692		1	MF
NEW HOLLAND MODEL TX62	All	658		2	MF
TN,TS,30,56,86	All	674		1	MF
66 & 90	All	658		1	MF
100 - 90	All	658		1	MF
110 - 90	All	658		1	MF
140 - 39	All	692		1	MF
160 - 90	All	692		1	MF

OLIVER / CLETRAC					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	1974 - 1979	674		2	MF

S.A.M.E					
Model Name	Year	Battery	Alternative	Quantity	Technology
ALL MODELS	All	682	683	2	MF
GRADERS - ALL MODELS	All	682	683	2	MF

TRACTORS

TATA					
Model Name	Year	Battery	Alternative	Quantity	Technology
2 TON AND 4 TON	2002 >	683		1	MF

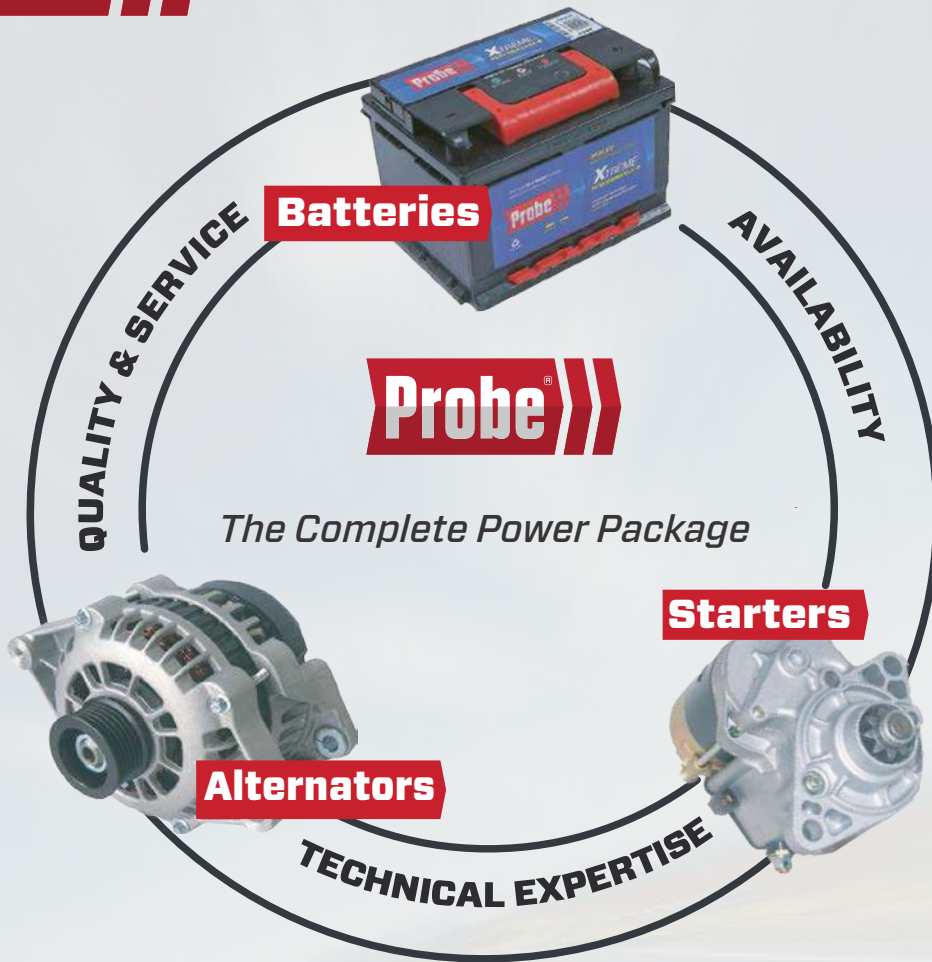
URSUS					
Model Name	Year	Battery	Alternative	Quantity	Technology
2812, 3512, 4512, 5312	All	674		1	MF
5314	All	674		1	MF

VOLVO					
Model Name	Year	Battery	Alternative	Quantity	Technology
BUS B7F ENGINE	2001 >	692		2	MF
0.25,PETROL,T230 DIESEL	All	309	331	1	MF
T.32,T34	All	331		2	MF

YANMAR					
Model Name	Year	Battery	Alternative	Quantity	Technology
55, 240, 186, 276	All	630		1	MF
330, 336, 169	All	622	638	1	MF
250/275	All	622	638	1	MF



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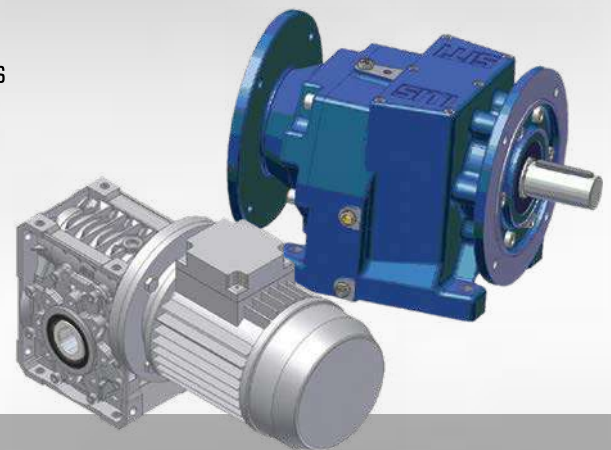




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- Low noise level, super noise isolation



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