

STARMAX



AUTOMOTIVE BATTERIES

STARTER BATTERY - JIS STANDARD

The world's leading battery brand



www.starmaxbatteries.com

AUTOMOTIVE STARTER BATTERY - JIS STANDARD



Application

The automotive starter battery is designed to deliver the right level of power and longevity for every kind of car. It's widely applied to cars, SUV's, Minivans, Light trucks and other commercial vehicles.

Special Features

Car Starter Battery Wholesale

- ✔ Applicable to extreme environment from -30°C~75°C.
- ✔ Unique 4BS lead paste formula to enhance battery capacity and ensure strong, long-lasting powersupport.
- ✔ Application of new electrolyte additive, making fast charging available.
- ✔ Special grid structure and material to enhance vibration resistance performance.

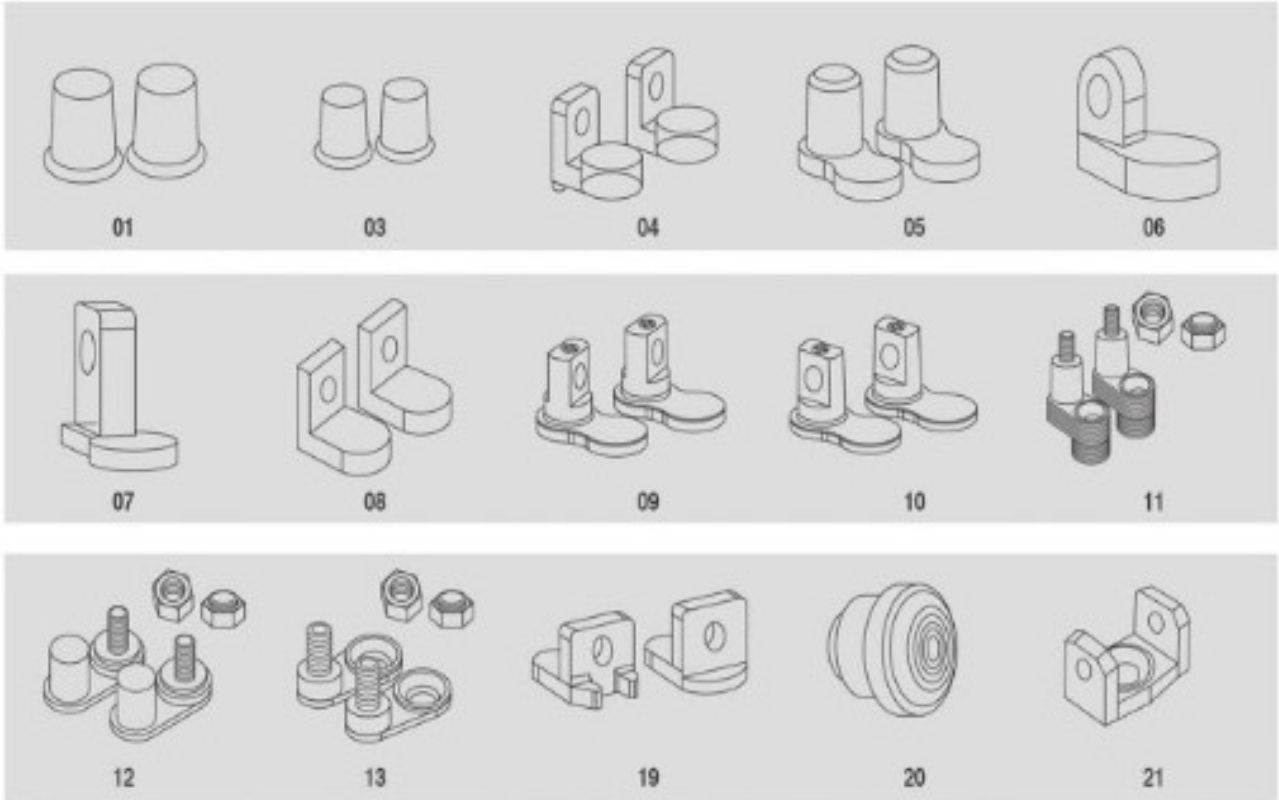
SPECIFICATIONS

JIS Gr.No	Old JIS NO.	New JIS No.	Voltage (V)	Capacity 20Hr(Ah)/RC(min)	CCA (-18°C)EN	Dimensions(mm) L*W*H	Terminal (Layout /Type)	Hold Down	Weight (kg)
B19	-	34B19LS	12	34/50	290	187*127*224	0/1	B00	9.6
B19	-	34B19RS	12	34/50	290	187*127*224	1/1	B00	9.6
B19	-	34B19L	12	34/50	290	187*127*224	0/3	B00	9.6
B19	-	34B19R	12	34/50	290	187*127*224	1/3	B00	9.6
B19	-	38B19LS	12	35/52	290	187*127*224	0/1	B00	9.6
B19	-	38B19RS	12	35/52	290	187*127*224	1/1	B00	9.6
B19	-	38B19L	12	35/52	290	187*127*224	0/3	B00	9.6
B19	-	38B19R	12	35/52	290	187*127*224	1/3	B00	9.6
B20	NS40ZLMF	40B19L	12	36/54	290	196*128*223	0/3	B00	9.6
B20	NS40ZMF	40B19R	12	36/54	290	237*128*222	1/3	B00	9.6
B24	NS60LSMF	50B24LS	12	45/70	350	237*128*222	0/1	B00	11.9
B24	NS60SMF	50B24LS	12	45/70	350	237*128*222	1/1	B00	11.9
B24	NS60LMF	50B24L	12	45/70	350	237*128*222	0/3	B00	11.9

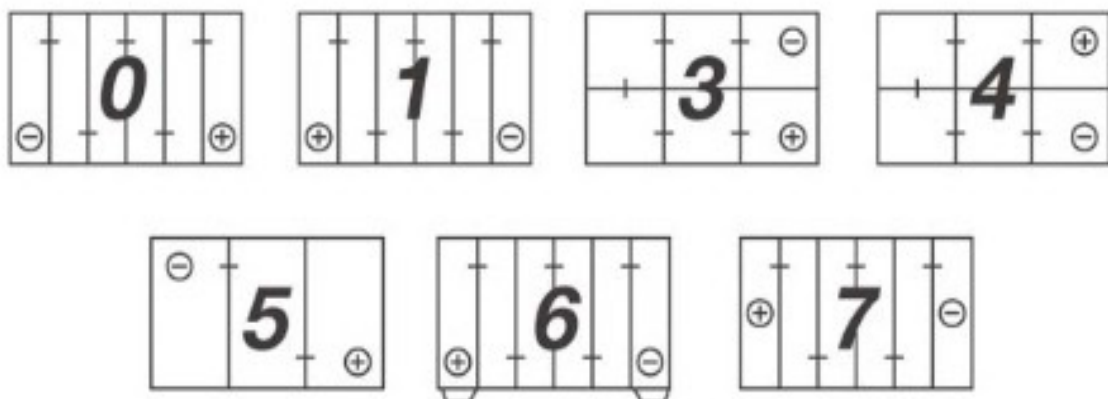


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B24	NS60MF	50B24R	12	45/70	350	237*128*222	1/3	B00	11.9
D23	55D23LMF	55D23L	12	60/98	430	229*171*222	0/1	B00/B01	15
D23	55D23RMF	55D23R	12	60/98	430	229*171*222	1/1	B00/B01	15
D23	75D23LMF	75D23L	12	60/108	490	229*171*222	0/1	B00/B01	16.8
D23	75D23RMF	75D23R	12	60/108	490	229*171*222	1/1	B00/B01	16.8
D26	N50LMF	48D26L	12	50/75	450	256*170*225	1/1	B00/B07	15.8
D26	N50MF	48D26R	12	50/75	450	256*170*225	0/1	B00/B07	15.8
D26	N50ZLMF	55D26L	12	60/98	450	256*170*225	0/1	B00/B07	16.2
D26	N50ZMF	55D26R	12	60/98	450	256*170*225	1/1	B00/B07	16.2
D26	NS70LMF	75D26L	12	65/108	490	256*170*225	0/1	B00/B07	17.2
D26	NS70MF	75D26R	12	65/108	490	256*170*225	1/1	B00/B07	17.2
D26	NX110-5LMF	80D26L	12	70/118	530	256*170*225	0/1	B00/B07	17.6
D26	NX110-5MF	80D26R	12	70/118	530	256*170*225	1/1	B00/B07	17.6
D31	N70LMF	65D31L	12	70/118	530	305*171*225	0/1	B01	19.5
D31	N70MF	65D31R	12	70/118	530	305*171*225	1/1	B01	19.5
D31	N70ZLMF	75D31L	12	75/128	540	305*171*225	0/1	B01	19.9
D31	N70ZMF	75D31R	12	75/128	540	305*171*225	1/1	B01	19.9
D31	NX120-7LMF	95D31L	12	85/140	600	305*171*225	0/1	B01	21
D31	NX120-7MF	95D31R	12	85/140	600	305*171*225	1/1	B01	21
D31	105D31LMF	105D31L	12	90/158	660	305*171*225	0/1	B01	21.5
D31	105D31RMF	105D31R	12	90/158	660	305*171*225	1/1	B01	21.5






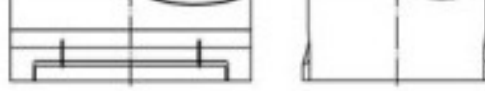
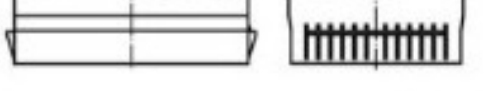
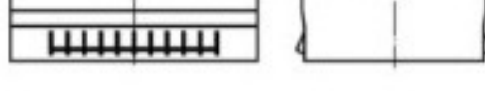

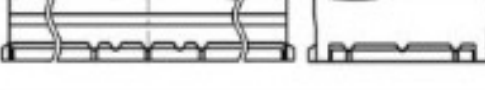
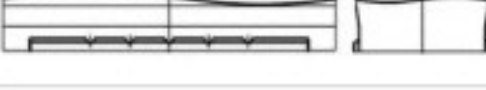
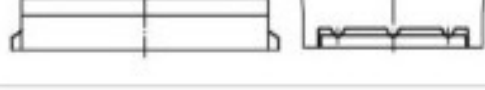
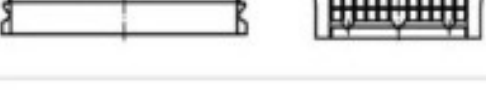





TERMINAL



LAYOUT



HOLD DOWN

B00		B01	
B02		B03	
B04		B05	
B06		B07	
B08		B09	
B10		B11	
B12		B13	
B14		B15	
B16		B17	

BATTERY CARE AND MAINTENANCE



- The vent hole on both sides of the battery cover or on the vent plug should be checked regularly. Keep the holes from being blocked by dust and ice water to avoid poor exhaust, shell deformation and burst



- When charging batteries, work in a well-ventilated area. Always turn battery charger off before disconnecting battery
- Battery usage should be discontinued if the battery terminals are burnt.
- We recommend constant voltage charging instead of constant current charging for the battery



- When testing battery performance, start with reserve capacity
- When servicing a sealed maintenance free (SMF) battery, check the State of Charge Indicator. This gives you a snap shot of the battery's condition and whether the battery needs to be charged or replaced. The vehicle may still start the engine although the indicator outlines to replace the battery. If the State of Charge Indicator advises 'Replace Battery' it is important that the battery is replaced as the electrolyte levels may be below the plates which can lead to an internal explosion



- If you have a maintainable battery, it is important to check if the battery has sufficient electrolyte covering the battery plates. If topping up is required, do not over fill as the fluid levels will rise when the battery is fully charged and may overflow. Top up using distilled or demineralized water and never fill with sulphuric acid
- Check the battery's state of charge. Most batteries have a State of Charge Indicator on top of the battery that will give you an on the spot diagnosis of the battery condition. However, a more reliable way to check is with a voltmeter to determine the stabilized voltage or if the vent caps are removable a hydrometer to determine the specific gravity (SG) of the electrolyte



- Usually it takes 3 to 5 seconds to start a car at first time. The restarting should be at intervals of more than 15 seconds. If the car fails to be start after many times, check if there is any damage on the battery or the circuit. This situation is common in winter
- For batteries used in seasonal applications and stored long term, fully recharge the battery prior to storing. Check the state of charge or voltage regularly. Should the voltage drop below 12.5V, recharge the battery. It is important to check the battery completely before reconnecting to electrical devices
- Keep the battery top clean and dry. Apply either petroleum jelly or Vaseline to cable clamps and terminals for proper lubrication and added protection
- Inspect the battery case for obvious signs of physical damage or warpage. This usually indicates the battery has been overheated or has been overcharged

WARNING

01

Battery acid can cause burns. Please keep away from children. Suitable hand, eye and face protection and protective clothing must be worn. If in the eyes, hold eyelids apart and flush the eye continuously with running water or contact a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin or hair with running water.

02

Keep away from heat source and open fire. Keep ventilated when charging or using batteries to avoid burst hurt.

03

Do not open the battery to avoid explosion.

04

Do not use metal tools to connect positive and negative terminal, otherwise the battery will short circuit and cause fire or explosion.

05

Do not Discard the batteries. Insulate the +ve and -ve Terminals with insulating tape and take them to a recycling facility.

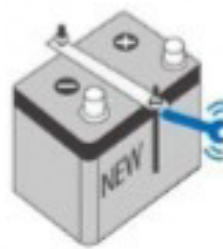
HOW TO REPLACE BATTERY



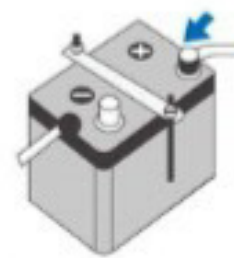
Switch off the engine and keep sparks, flames, cigarettes away from battery at all times before removing the old battery.



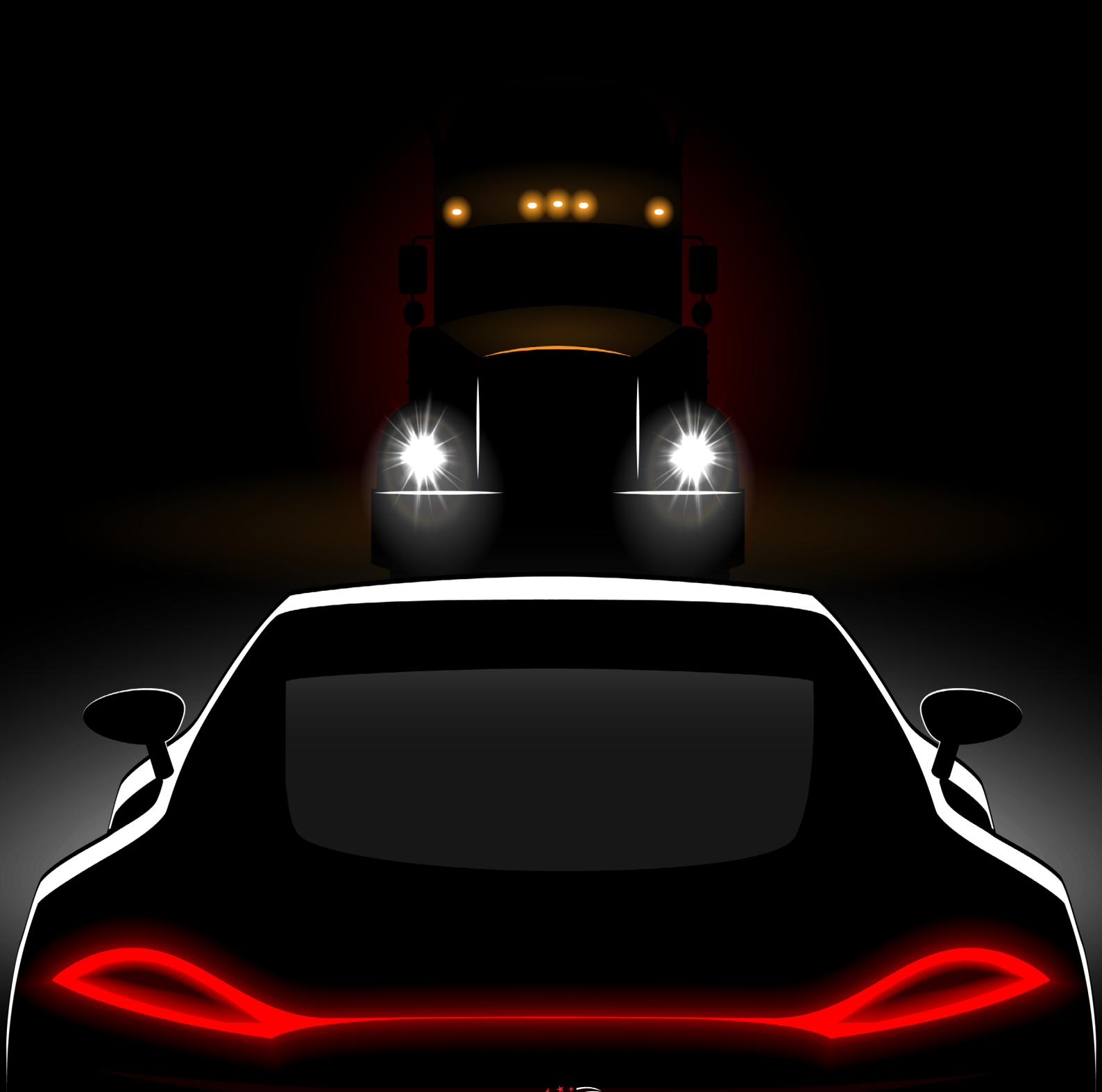
Disconnect the negative terminal first and avoid short-circuit caused by tools when removing old battery.



Clean corroded parts in tray and cable clamps before installation of new battery.



Connect the positive terminal first and check the terminal clamps for tight fit when installing new battery.



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