



Batteries

Please ensure you follow these installation instructions & safety notices



Important Information Start Here!

You have purchased a quality product, which we hope is going to give you long service. Please install only the battery type into your vehicle that is recommended by your manufacturer. It is not possible to install any maintenance-free battery into an older vehicle whose electronics are designed for a conventional lead/acid battery. The generator and regulator of the vehicle aren't suitable for these battery types and would overload and damage the battery permanently.

Please check before first use the correct dimensions, voltage (V) and capacity (Ah) as well as the correct position of the positive and negative terminals. In addition, for conventional lead/acid batteries you also have to check the correct position of the venting point.

The upper right corners of the outer packaging are colour coded. For clear orientation, you find the corresponding colour code again in these instructions. Please consider that an exchange of already filled batteries isn't possible (this applies to maintenance-free and conventional lead/acid batteries only, which are delivered dry charged). We recommend that despite an approx. 70% dry charge, you charge the battery in full before installation and after filling it with the correct battery acid. When fitting, ensure the battery is attached tightly to the motorcycle's battery tray or clamps.

Use the enclosed screws and nuts and the enclosed terminal lubrication & protection, where required. Please clean the wire ends with a wire brush before attaching them to the battery terminals for a clean connection. For prolonged periods when you do not intend to use your vehicle (2 mths or more), charge the battery in full and disconnect the earth cable (negative terminal). For winter storage, it is prudent to remove the battery altogether from the vehicle. Please charge the battery during periods of little to no use or storage at least every 3 months fully or use an intelligent charger such as the GetGeared ProCharger to maintain the health of your battery. A deep discharge, which leads to permanent battery damage isn't a reason for a refund or complaint.

Note: Don't use battery chargers designed for cars. Their charging current will overload and therefore damage the motorcycle battery. Use only battery chargers, which are suitable for motorcycle batteries

Avoid unintentional creeping currents by keeping your battery clean. Always attach the positive terminal first and then the negative terminal; When removing the battery reverse this order and start with the negative terminal.

Please, read through the following notes for your corresponding battery type and follow the warning notes and safety instructions.

Please also note these very important safety notices & warnings:

• Battery acid is corrosive and to avoid injury and damage, a specialised funnel (with a small bottom opening) or an acid dispenser bottle are recommended to fill the battery from dry or during top up. You can buy these items here when you buy the battery and they are all delivered together.

• Wear suitable gloves and safety goggles when handling battery acid!

• We cannot accept your used or old battery back to us due to the restrictions of the Transport of Dangerous Goods Regulations

• As a consequence, you cannot return to us a battery or battery acid pack opened. Read carefully the instructions for taking batteries into first use - it's not complex but you need to be comfortable to follow the required steps

• You cannot discard your old battery via the normal household refuse - please take it to a recycling centre with a special section for batteries or the municipal dump

• Work in well ventilated areas

• Do not wear jewellery or watches that can conduct electric current

• Never place your tools on a battery as this can lead to a short circuit and potentially fire

brute force; The battery terminals can be overtightened and then are liable to buckling with the battery being damaged in the end.

Always remove the battery before charging.



Conventional Lead /Acid Batteries

Standard

1.) Place the battery on a flat, solid base and remove the red ventilation plug at the side.

2.) Remove the lid of each individual battery cell and add acid to each cell to the marking "Max". A small funnel or an acid dispenser bottle can be very helpful. You can order the battery acid (sulphuric acid with density 1/28 kg/l) from GetGeared. Now leave the battery with the battery cell lids removed for up to an hour. If the acid level has fallen after an hour, refill with acid to the "Max" indicator but no more.

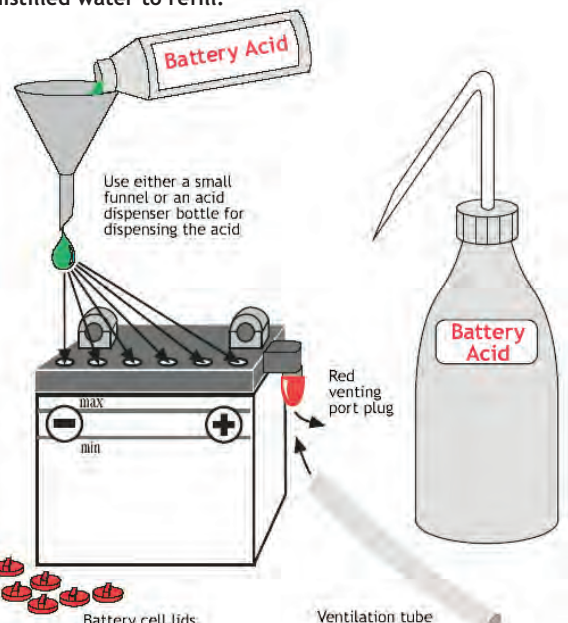
3.) Depending on the length of storage, the battery is likely to now have a pre-charge of approx. 70% of its capacity, which usually suffices for a start test. The battery should then be charged fully, eg. on a long cross-country trip using the vehicle's own generator. We recommend, however, that the battery is charged fully with a suitable motorcycle battery charger before the first start attempt. The charging current should NOT be higher than 10% of the battery capacity. This would be a maximum charging current of 1 amp for a battery with a capacity of 10 Ah. After successfully charging the battery, leave it for approx. 2 hours with open cell lids so that any gas can evaporate. After 2 hrs. the liquid level may again have fallen below the "Max" indicator; From hereon please ONLY use distilled water to refill.

Close the battery cells and fix the battery into the cleaned battery tray /clamps on your vehicle. Avoid tilting the battery as acid can easily flow out of the venting port on the side. Attach the ventilation tube to the venting port of the battery ensure it is routed without kinks or sharp bends in the tube. Make sure that any gas build up can escape freely! A battery from which gas cannot vent out is prone to bursting and causing acid damage.

4.) Clean the vehicle's positive and negative wire ends with a wire brush and attach them to the battery, to the positive terminal first and then to the negative terminal. Cover the screws and terminals lightly with the enclosed grease. Do not tighten the screws with brute force; The battery terminals can be overtightened and then are liable to buckling with the battery being damaged in the end.

Check the liquid level once a month and correct it using ONLY distilled water. Do not fill above the "Max" marking.

Always remove the battery before charging and remove the cell lids during the charging process. If possible leave the battery after the charge has completed open for two hours before sealing the lids and installing it again.



Sealed Batteries

Use only if this type of battery is recommended by the manufacturer for your vehicle & model

1.) The battery is already filled with acid and sealed by the battery manufacturer.

Under no circumstances should the battery ever be opened!

Depending on the length of storage, the battery is likely to now have a pre-charge of approx. 70% of its capacity, which usually suffices for a start test. The battery should then be charged fully, eg. on a long cross-country trip using the vehicle's own generator. We recommend, however, that the battery is charged fully with a suitable

motorcycle battery charger before the first start attempt. The charging current should NOT be higher than 10% of the battery capacity. This would be a maximum charging current of 1 amp for a battery with a capacity of 10 Ah.

2.) Clean the vehicle's positive and negative wire ends with a wire brush and attach them to the battery, to the positive terminal first and then to the negative terminal. Cover the screws and terminals lightly with the enclosed grease. Do not tighten the screws with

Sealed



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Important Safety Notices

Please read!

	Follow the instructions contained on this leaflet, the vehicle instruction & log book and all manufacturer requirement
	Do not smoke near the battery and avoid open flames or unprotected light bulbs Avoid short circuiting, electric sparks and the build up of electro-magnetic or static charge
	Wear safety goggles and gloves
	First Aid: If acid makes contact with eyes or skin wash with plenty of water and seek medical attention at once
	Danger of explosion & fire: Caution! Any metal element of the battery is permanently under charge. Do not place tools on the battery. When charging, an explosive gas mixture is discharged
	Highly corrosive: Battery acid is highly corrosive. Wear hand and eye protection
	General Caution: Do not expose the battery to daylight Store battery away from low temperatures to avoid freezing

Please ensure you have read your vehicle's instructions handbook & have ensured that the battery you are installing fits within the manufacturer's guidelines & requirements. Failure to do so can lead to damage to your vehicle's electronics & electric circuits. We do not accept any liability for damage whatsoever caused by filling, installing & connecting a battery.

Please note these very important points:

- Battery acid is corrosive and to avoid injury and damage, a specialised funnel (with a small bottom opening) or an acid dispenser bottle are recommended to fill the battery from dry or during top up. You can buy these items here when you buy the battery and they are all delivered together.
- Wear suitable gloves and safety goggles - do not wear jewellery!
- We cannot accept your used or old battery back to us due to the restrictions of the Transport of Dangerous Goods Regulations
- As a consequence, you cannot return to us a battery or battery acid pack opened. Read carefully the instructions for taking batteries into first use - it's not complex but you need to be comfortable to follow the required steps
- You cannot discard your old battery via the normal household refuse - please take it to a recycling centre with a special section for batteries or the municipal dump



Maintenance Free Batteries

Maintenance Free

Use only if this type of battery is recommended by the manufacturer for your vehicle & model

- 1.) Put battery onto a flat, solid base and remove the red protection foil from the battery cell lids.
- 2.) Take the special battery acid dispenser from the cardboard box and press it into the cell openings of the battery as far as it will go. **Note: Do NOT manually remove the silver foil covering the six cell openings.** The foil is pierced automatically when the acid container is pushed on.

The acid will slowly discharge into the battery cells. If the flow interrupts, you can help it re-start by lightly tapping the container. **Note: Do NOT pierce or squeezed the acid container or a section of it. The flow is intentionally slow to ensure the battery cells fill up evenly and without air pockets.** Only the special acid (sulphuric acid density 1/32 kg/l) supplied with the battery may be used. The acid density is higher for this type of batteries and the acid dispenser delivered with the battery contains exactly the right quantity and type. Adding acid with another density or distilled water to the battery cells will render the battery useless. Equally, do not use this acid for other batteries, all of which are likely to use different densities for faultless operation.

The container must remain attached to the battery for a min. of 30 minutes. Before you remove the acid container, take care that all acid from each container cell has been discharged into the battery.

- 3.) After the filling stage is completed, use the enclosed black sealer strip and press it with both hands firmly into the battery cell openings. The

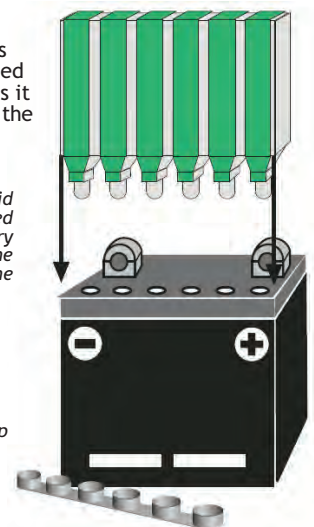
sealer strip must be level with the battery lid and may not stand proud in any place. **Once the battery is sealed, it may NOT be opened again!** Opening the battery now will lead to defective performance. Checking or refilling the acid levels aren't possible and are not necessary.

4.) Depending on the length of storage, the battery is likely to now have a pre-charge of approx. 70% of its capacity, which usually suffices for a start test. The battery should then be charged fully, eg. on a long cross-country trip using the vehicle's own generator. We recommend, however, that the battery is charged fully with a suitable motorcycle battery charger before the first start attempt. The charging current should NOT be higher than 10% of the battery capacity. This would be a maximum charging current of 1 amp for a battery with a capacity of 10 Ah.

5.) Clean the vehicle's positive and negative wire ends with a wire brush and attach them to the battery, to the positive terminal first and then to the negative terminal. Cover the screws and terminals lightly with the enclosed grease. Do not tighten the screws with brute force; The battery terminals can be overtightened and then are liable to buckling with the battery being damaged in the end.

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6-cell battery acid dispenser designed to fill all battery cells at the same time



Battery cell sealer strip