

BMW R1150GS Motorcycle Service Repair Workshop Manual



Repair Manual



R 1150 GS

BMW Motorrad
After Sales

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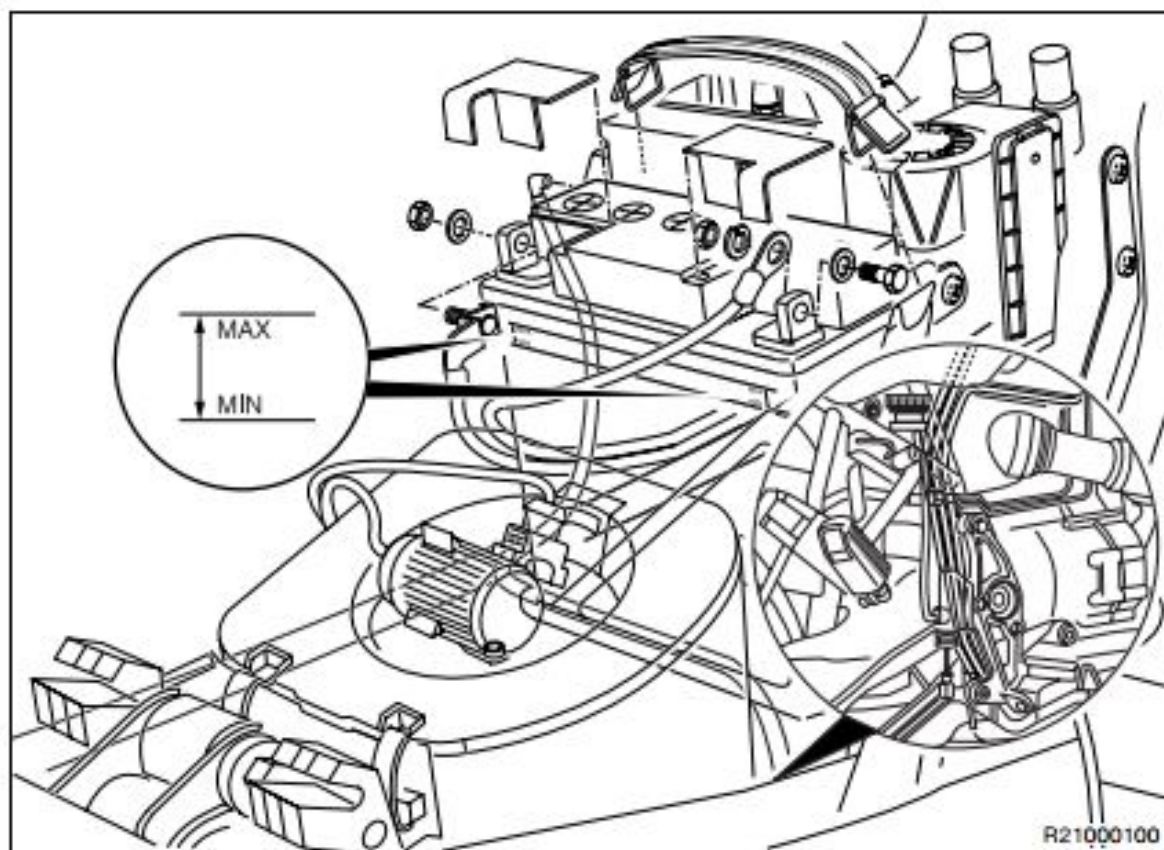
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Filling and charging the battery

Disengaging and raising the fuel tank

- Remove seat.
- Remove right side trim.



Caution:

Fuel is flammable and a hazard to health. Observe relevant safety regulations.

- Remove the fastener securing the fuel tank at the rear right.
- Raise the rear of the fuel tank and prop it in this position on a wooden block or similar.

Filling and charging the battery



Warning:

Battery acid is highly caustic. Protect your eyes, face, hands, clothing and the paintwork.

- Disengage the rubber strap holding the battery.
- Disconnect the battery breather hose.
- Remove the battery.
- Fill all the cells with pure battery acid of density 1.28 to the upper mark.
- Allow the battery to stand for approximately 30 minutes.
- The battery does not achieve full charge capacity from being filled, so it has to be charged with a battery charger.



Note:

Follow the instructions for use supplied with the battery charger.

Charge current (amps)

..... 10 % of rated battery capacity (Ah)

Charging time

..... 5-10 hours

- Battery charge can be measured by checking the density of the battery acid.

Acid density

Battery fully charged 1.26-1.30 at 20 °C (68 °F)

- Shake the battery slightly to allow the gas bubbles to escape.
- Wait until the battery acid has settled, check that no more bubbles rise and if necessary, top up the acid to the max. mark.
- Reinstall the plugs.
- Make a note of the charging date on the battery.



Caution:

Connect the positive battery terminal first, then the negative terminal.

- Install the battery.
- Apply acid-proof grease to the battery terminal posts.
- Connect the battery breather line.
- Secure the fuel tank in position.
- Install the right side trim panel.
- Install the seat.



Thank you very much
for your reading.
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to get more information.