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Installation Instruction: SSR-01 for BMW R 1200 GS

To install the SSR, you have to remove the seat and probably the tank to be able to route the wire to the front if you want to control the SSR by headlight.

When connecting SSR to the tail light:
Disconnect the battery after removing the seat; minus first, then positive.

Attach the SSR in the proximity of the battery with supplied adhesive strips
(Make sure the SSR is protected from water)

Route the yellow cable to the tail of the motorcycle. Remove the cover of the tail light and route the yellow cable thru the rubber grommet into the tail light and connect it there with cable connectors to the tail light (pay attention to the markings on the wires). Make sure to attach it to the tail light wire and NOT the brake light wire.

Now connect the SSR to the battery terminals. Red plus first then black negative. Reconnect then the battery leads again; positive first, then negative.

You now have two SSR outputs available:
The steady plus (e.g. If you want to connect a battery charger) or the second output, which delivers current up to one minute after you have turned the ignition off or when starting the motorcycle.

Attention!

When you switch off your engine, the emergency warning light switch will remain active for about 1 minute. If during this time you switch on your emergency warning lights, the tail light will also go on, and the SSR will switch on the load circuit. If you do not want this to happen, connect the yellow SSR cable to on-board power socket, or to the driving light up front.

Fault finding - if you have no current at SSR output:
SSR has three fuses

- one 10A for steady plus switched connection
- one 10A for the ignition plus switched connection
- one 20A main fuse

If current is not available after connection to battery, check these fuses.

This uninterruptible power supply (called UPS - you can still switch it off with the ignition key) can be utilized:

- For GPS devices (so when you start the engine, you do not have to reboot a device that has no battery, as is the case with many Garmin StreetPilot units)
- For GPS track picker
- For external GPS reception (e.g. GPS mouse for PDA or laptop)
- For mobile charging devices for rechargeable batteries (which begin the charging process all over again after a voltage cutoff.
- For mobile charging devices of mobile telephones or PDA's.

So you can rest assured that a GPS device won't drain the battery if your vehicle is standing in the garage with no reception or perhaps in woods during break in your journey.

You can also connect a battery refresher device to the steady plus of the SSR. The on-board socket of the R1200GS is monitored by the vehicle electronics system. This more or less means that only the BMW original charger can be used on-board. With the SSR, however, you can connect an Optimate II - directly to your battery.

