

TOURATECH

TOURING RALLYE RACING TECHNOLOGY

09-040-2000-1
09-040-3000-1

Installation instructions Fog Light BMW R1100GS

Contains:

- 1 x Auxilliary Fog Light R1100GS
with wire loom
- 1 x Light bracket
- 6 x Washer M6 large
- 2 x Screw hex M6 x 20
- 2 x Screw dome head M6x12
- 2 x Screw dome head M6x16
- 4 x Washer M6 small
- 2 x Screw hex M6x25 (only with right light)

NOTE: Use these installation suggestions at your own risk. These instructions have not been tested by independent installers. Touratech or Touratech-USA assumes no responsibility for errors using these instructions. If you have any doubt about your ability to install electrical parts, please contact a professional installer.

Installation of fog light:



NOTE: Turn ignition off and disconnect the battery connections while working on motorcycle electrical system !

Install the fog light with two hex screws and washers M6 on the light bracket. The HELLA text needs to be visible from the front.

Remove the two front screws where the beak is attached. The fog light is attached to these attachment points with hex screws M6x20 and washers (with two lights use M6x25). Use two large M6 washers on the top at bracket attachment point. The light can be easily adjusted in the two elongated holes.



Electrical Connection:

First remove the seat and the tank.

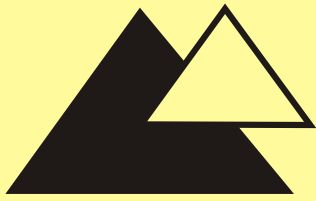
Install the relay with zip ties on the frame (pic. 2)

Route the brown cable to the ground (-) pole of the battery. Shorten the cable to correct length and attach ring-connector on the wire end. Do not attach to battery yet. Route the blue and red wire to the fog light and the switch to the handlebar.

Route the yellow wire to the connector (pic. 3)

Shorten the yellow cable to correct length and attach with scotchlock connectors of the blue/gray cable in the lower black connector. (The cable must be attached in the lower right position)





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Electrical Connection:

Route the switch to the handlebar and install it directly next to left switchgear with the pipe clamp, two dome head screws M4x10 and nylock nuts M4. Align switch so that it can be operated vertically.

Pic. 4



Shorten the blue and red cable to correct length and push them thru the two openings on the rubber cap behind fog light. Do not use the larger vent hole. Attach blade connectors on the wires and attach the blue ground cable on the outside right and the red cable directly to the bulb. Isolate connections with electrical tape and put rubber cap back on.

Pic. 5

Reconnect battery and the fog light should now work when parking light is on.

Adjust the light and tighten all attachment screws and attach the alum. shield on the fog light with dome head M6x10 screws.

You only need one relay to fit two fog lights.. The fitting on the left hand side is the same as on the right. Connect the headlight connection cables together with the crimp connectors (blue to blue, red to red).

Secure all wires and cables with zip ties making sure they are not touching parts that get hot or bend too sharp or get squeezed. Check full right and left handlebar turns.