

09-040-2014-1  
09-040-3014-1

## Installation Instructions Auxilliary Fog Light R1200GS

### Contains:

- 1 x Auxilliary Fog Light
- 1 x Fog Light mounting bracket
- 1 x Cables and mounting hardware

Disconnect the battery prior to conducting work on electrical equipment!

Remove tank fairing pieces on both sides. Detach the black plastic piece that connects to the rear sides of the beak. Photo 1. This piece is connected in the middle to the front fairing support under the cockpit warning lights.

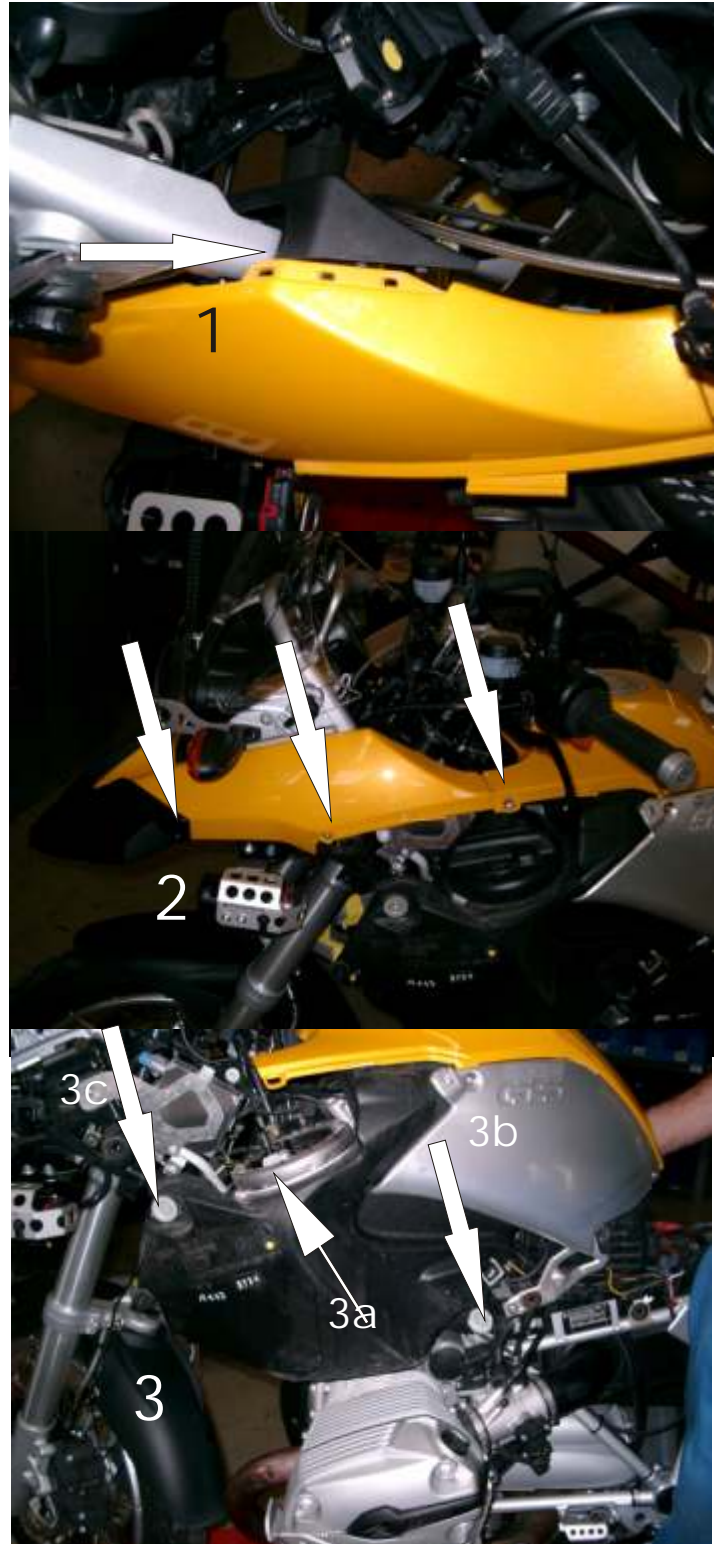
Remove the three screws both side as shown on the middle photo 2 and remove the beak by pulling it out towards the front.

Remove the black plastic cover fuel pump cover on the top left corner of the tank. Twist and pull it off, disconnect the fuel line as well as the two connectors. Make sure you mark the connectors. Photo 3a.

Disconnect the fuel and the two vacuum lines on the right side of the tank and make sure you mark them.

Remove the two tank attachment bolts (3b) and loosen the front ones (3c).

Remove the tank by lifting the rear and pulling it backwards out of the front attachments.



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Install the Fog light bracket on the tubular cockpit frame as shown on the top photo.  
Install the Fog lights on the brackets with supplied hardware.  
Remove the alum. shield on the light housing to make wiring easier.





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Electrical connection:

Route the switch to the handlebar and install it on the left side between the mirror and reservoir with the supplied clamp, two dome screws M4x10 and two nyloc nuts M4.

Route the red cable to the battery positive pole, brown cable to the negative pole. Place the relay in the cavity by the ABS unit under the tank and the fuse right side behind the black plastic side cover where the fuses are easily accessible.

Cut the wires to correct lenght.

Route yellow cable to the headlight. Remove the plastic covers behind the high and low beam. Carefully drill a 10mm or 3/8" hole in the plastic headlight housing. There is a good flat spot right below the high beam cover next to the connector. It is also good to use 1/4" rubber hole grommets to protect and insulate the hole (grommets are not supplied in the package). Route the yellow cable thru the hole and connect it to the yellow low beam cable inside the low beam housing with supplied scotchlock connectors. Put the plastic cover sback behind both high and low beam.

Route the 2-wire cable (red and blue wires) front to the fog light.

Shorten the red and blue wires to correct lenght and push them thru the two holes on the bottom of the black soft rubber cover behind the fog light. These hole may need to be poked thru. Do not use the vent opening.

Connect the blue wire the supplied blade connectors to the Fog light ground connection on outside right. Connect the red cable directly on the short white wire on the bulb. Make sure to isolate this connection with electrical tape so it won't touch metal and short. Put the black rubber cover on the Fog light.

Connect the battery positive and ground connection. Test the light function on low beam. You might need to have the engine running for low beam to go on.

Secure all wires with zip ties and re-install all fairing pieces, tank and all fuel/vacuum lines and fuel pump connectors.

