

09-040-1514-1  
09-040-4514-1

## Installation Instruction Auxilliary Xenon Light R1200GS

### Contains:

- 1 x Xenon Light
- 1 x Ballast Bracket
- 1 x Xenon light bracket
- 1 x Ballast
- 1 x Cables and mounting material

**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.

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.

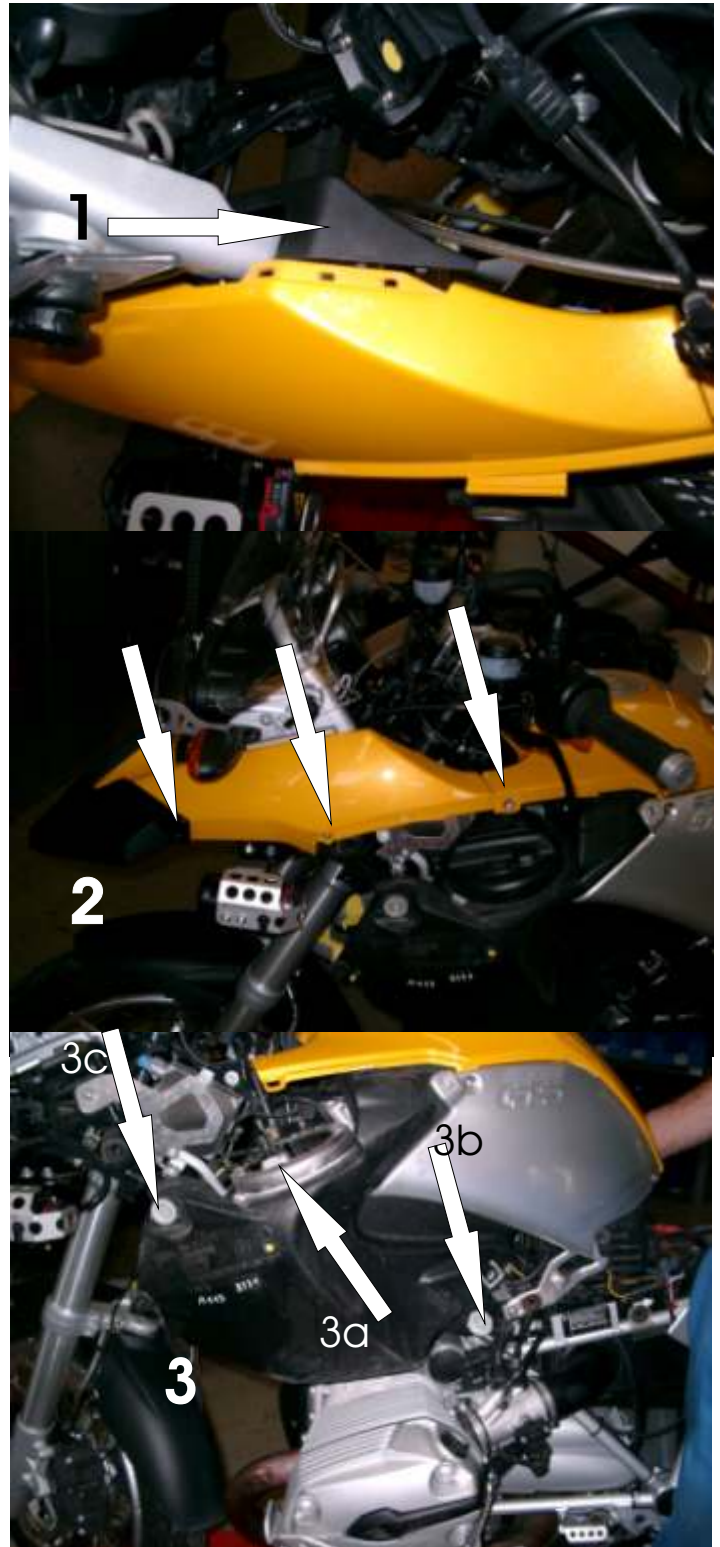
Remove the three screws both side as shown on the middle photo 2 and remove the beak by pulling it out towards the front.

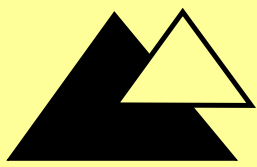
Remove the black plastic cover fuel pump cover on the top left corner of the tank. Twist and pull it off, disconnect the fuel line as well as the two connectors. Make sure you mark the connectors. Photo 3a.

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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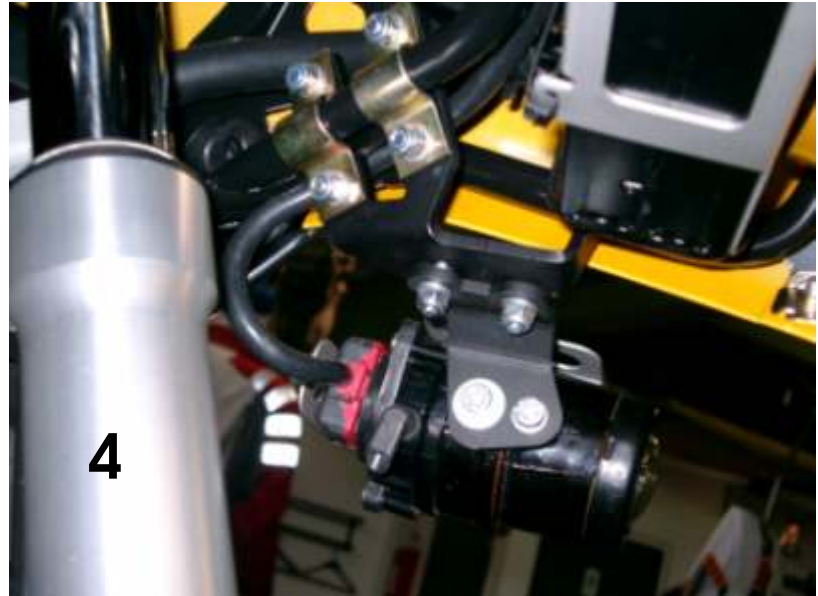
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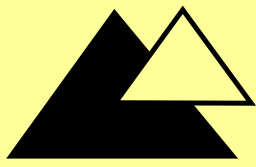
Remove the windshield adjustment bolts on both sides as well as the supports in the middle of the shield and remove the windshield.

Remove the two headlight/dashboard bolts on the sides next to the windshield adjustment bolts to free the complete headlight/dashboard unit. Now remove the four bolts on the sides holding the silver tubular windshield support frame. This is necessary to gain access for later electrical connection.



Install the HID light bracket on the tubular cockpit frame as shown on the top photo 4.  
Install the HID lights on the brackets with supplied hardware.  
Remove the alum. shield on the light housing to make wiring easier.





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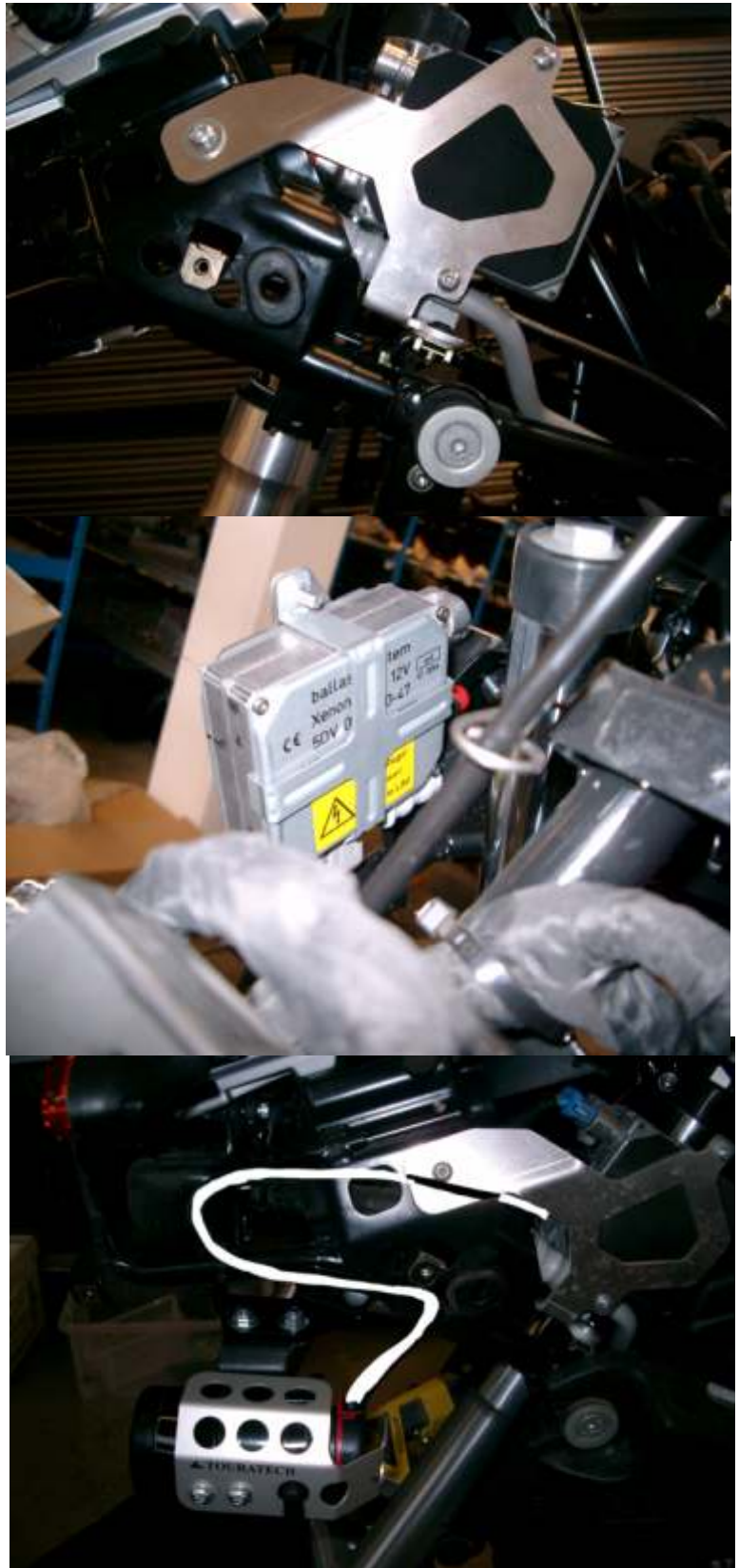
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Ballast installation:

Install the ballast bracket either on the right (040-4514) or the left side (040-1514) on the cockpit support frame inside the side fairing as show on the pictures.

Use the little square aluminium plate to bridge the lightening hole and attach the front part of the bracket to the cockpit support frame.

Put the ballast in the bracket and secure it with the cross shaped aluminium bracket. Route the high voltage cable as shown in the bottom picture to the HID and secure the cable with zip ties. Study carefully how the connector attaches to the HID!



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Electrical connection:

Connect the ballast power supply cable to the ballast as shown on the photos below. Route the red wire to the battery positive pole, the two brown wires 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 length.

Route yellow/gray cable to the headlight. Remove the plastic cover behind the high 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/gray cable thru the hole and connect it to the white high beam cable with supplied scotchlock connectors inside the highbeam housing. Put the plastic cover back behind the highbeam.

Connect the wiring to the battery and test the light. HID should work with the high beam.

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

**CORRECT**



**INCORRECT**

