



BMW R1200RT LED Headlight

Disclaimer: We assume you possess the expertise and relevant tools to work on your machine. We also assume you have the OEM/Stock owner's manual or technical service manual for your machine. If you do not possess the skills, knowledge, or tools necessary to perform the installation of electrical and/or aftermarket parts, please see a qualified service provider.

2005-2012 and 2013 Standard Model.

- Requires 3 H-7 Bulbs.

2013(with Halos)-2021 Model.

- Requires 1 H-7 in the center and 2 H-1 in the outer lights.
- This model requires the use of the Canbus resistors included in the kit.
- The resistors will be placed on the right-side light and the center light as you site on the motorcycle.

2013-2021 with Halos on the Outer Lights.

- There is no "dual connector" the wires are separate one is the ground the other is the positive wire.
- The power wire comes directly off the back of the bulb.
- The ground wire is attached directly to the headlight reflector.
- The Cyclops LED is not polarity sensitive so these can be placed on either connector on the bulb or resistor.

The use of long handle needle nose pliers can be very helpful in removal and reinstallation of the connectors.

Outer Lights

1. Remove your speaker covers and speakers to expose the back of the headlights.
2. Remove the caps from the rear of headlight housing to expose the bulb.
3. Remove the connectors on the back of the bulbs and set the wires out of the way.
4. Carefully move the spring wire retainers holding each bulb into place.
5. Remove the bulbs and set them aside.
6. Remove the gray plastic bulb base from the H1 LED Bulb. Place 3 small dabs of silicone on the bulb base. (The silicone dabs will hold the base in place while the spring wires are secured)
Place a small shop towel inside headlight receptacle to catch bulb base if it falls out during install.
7. Lightly press the base onto the reflector receptacle and wait for it to tack up.
This is a good time to install the Center Light while waiting for it to tack.
8. Secure the base with the spring wire.
9. On the right side when sitting on the bike take one of the H1 LEDs and connect that wiring harness to the orange connection block (dual plug) on the Canbus Resistor harness color matching the wires. (Red/red, Black/black)
10. Remove the black ground wire from the metal ring on the headlight housing and connect it to the black wire on the Canbus Resistor Harness.
11. Connect the power wire to the red wire on the black Canbus Connector on the Canbus Resistor Harness.
12. Carefully stuff the entire wiring assembly into the back of the headlight module. Push it in and towards the bottom left of the opening (At about 7 o'clock)
13. Insert the LED Bulb into the bulb base by lining up the slots in the ring with the pins on the bulb and then give it a quarter turn to lock into place.
14. On the left side, use the same procedure as above. However, there is no Canbus Resistor used on the left side.
15. Carefully stuff the entire wiring assembly into the back of the headlight module. Push it in and towards the bottom left of the opening (At about 4 o'clock)



The bulb, when viewed from the front, should be in a vertical position with the flat sides pointing to the left and right sides of the headlight module.

Center Lights

1. Loosen horn and push back out of the way.
2. Removing the center cap from the back of the headlight housing.
3. Remove the connectors on the back of the bulb.
4. Unclip spring wire and remove the bulb.
5. Unpackage your Cyclops LED bulb and remove the bulb base.
6. Install base into reflector and secure it with the spring wires.

Place a small shop towel inside headlight receptacle to catch bulb base if it falls out during install.

2013 and Older Models (No halo-ring DRL lights)

- Plug the H-7 plug into the stock wire connector.

2013 and Newer Models (Halo-ring DRL lights)

- Plug the Canbus Resistor black plug into the factory wiring harness.
- Plug the H-7 bulbs into the orange Canbus Resistor plug.
- Feed Canbus Resistor and bulb driver wire bundle down into the housing at the 6 o'clock position.
- There may be a bundle of wiring to go around, but once past it will all fit nicely down into the headlight.
- The bulb is the last to be installed after the wires are out of the way.

Center Lights Continued

7. Position the bulb inside the base and turn the bulb clockwise until Keyway's lock into position.
8. Make sure the light emitters are facing left & right (Not up and down) when viewed from the front.

Return to Outer Lights install if necessary.



- Test to ensure operation.
- Reinstall the headlight housing caps.
- Reinstall the speakers and covers.
- Aim headlights as required.

2013 and newer models require the Canbus resistor for the H7 bulb (low beam) - center light