

**#GL18006F**  
**Honda Gold Wing 1800 & F6B Models - All Years**  
**Fairing Mounted LED Driving Lights**

**INSTALLATION INSTRUCTIONS**

1. Lay out and familiarize yourself with the parts included in the set. Remove the left fairing storage compartments as follows: Open the lids, then on the left side notice there are four plastic push pin rivets in the corners of the compartment housing. Using a Phillips screwdriver, push the center pins in slightly until they “click” (about ¼”), then pull the entire rivet assemblies out of the holes. Next - gently pull outward on the color matched trim strip covering the outside edge of the compartment until it pops out at the top and center, leaving the bottom still attached - then remove the compartment. Remove the LEFT color matching frame or side cover and the cover to the front of it. Remove the plastic shield from the battery’s positive terminal.
2. Referring to photo (1A) remove the two 5mm screws from the bottom of the fairing below the headlights. Install the light mounting plate (1B) using the two supplied longer 5 x 20mm Phillips screws, 5mm flat and lock washers. At the location of the two remaining holes in the mounting plate drill thru the plastic of the fairing with a ¼” drill.
3. Locate the supplied LED lights. Note that there is a nut with acorn nut on one side of the pivot bracket on the lights. Install the lights onto the mounting plate so that the nuts are facing inwards towards the center of the motorcycle. Use the supplied 6mm bolts thru the light brackets, place the light with bolt thru the mounting plate and fairing followed by the supplied rubber washer, large fender washer and 6mm locking nuts. Align the lights to point straight ahead and slightly downward - then tighten the 6mm bolts and small pivot screw if needed (re-aim as needed after installation).
4. Working on the backside of the fairing through the small opening in front of the steering - when at full left and right, route the wires from the lights up to the fairing support bracket (this will be a horizontal round tube near the top of the fairing). Continue to route both wires so they come out into the left fairing pocket opening, and secure them to the fairing support bracket and other wires as needed using the supplied cable ties. Cut the wires from the lights leaving about 8” of wire in the compartment area. Cut back the outer black sheath from the lights 6” and separate the red and black wires. Strip ½’ from all four wires, then twist both red wires together and both black wires together.
5. Locate the relay/wire harness supplied. Working inside the left fairing compartment and using one of the cable ties supplied, secure the relay to the motorcycle’s wire harness as shown in photo (2A). Mount the switch: Notice that there is adhesive tape on the back side of the switch so that it can be surface mounted as shown in photo (2B), and the wire run along with the headset cord. The switch may also be mounted into the panel by drilling a 3/8” hole in this location and proceeding as follows: Unscrew the rubber cap from the switch, install the switch from the back side of the panel and screw the rubber cap securely in place.
6. On 2001 through 2011 models, locate the large gray wire connector on top of the left radiator photo (2C) and remove it from its mounting clip, then remove about an inch of the black sheath from the wires as shown (on 2012 and newer models this will be an unused red 2 pin connector). Locate one

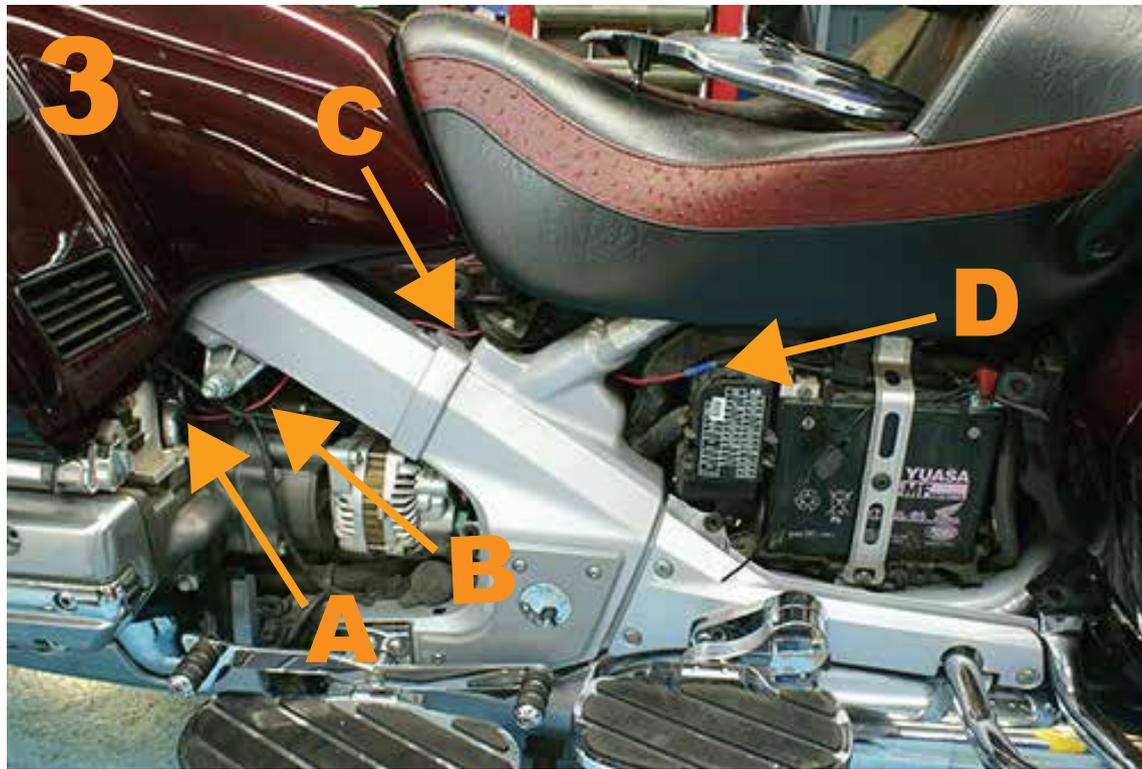
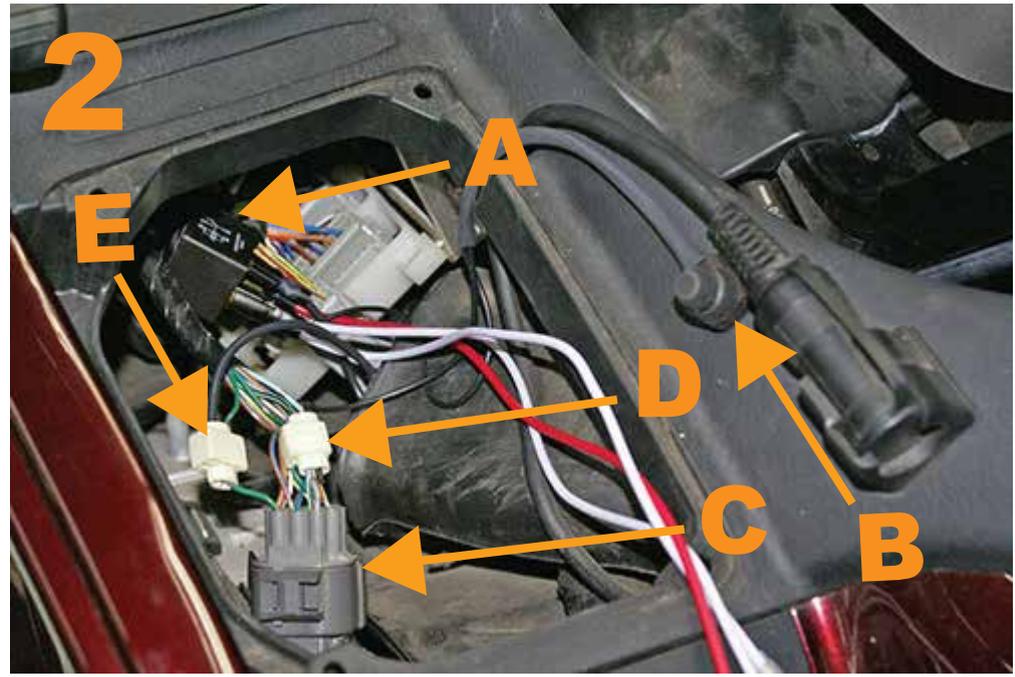
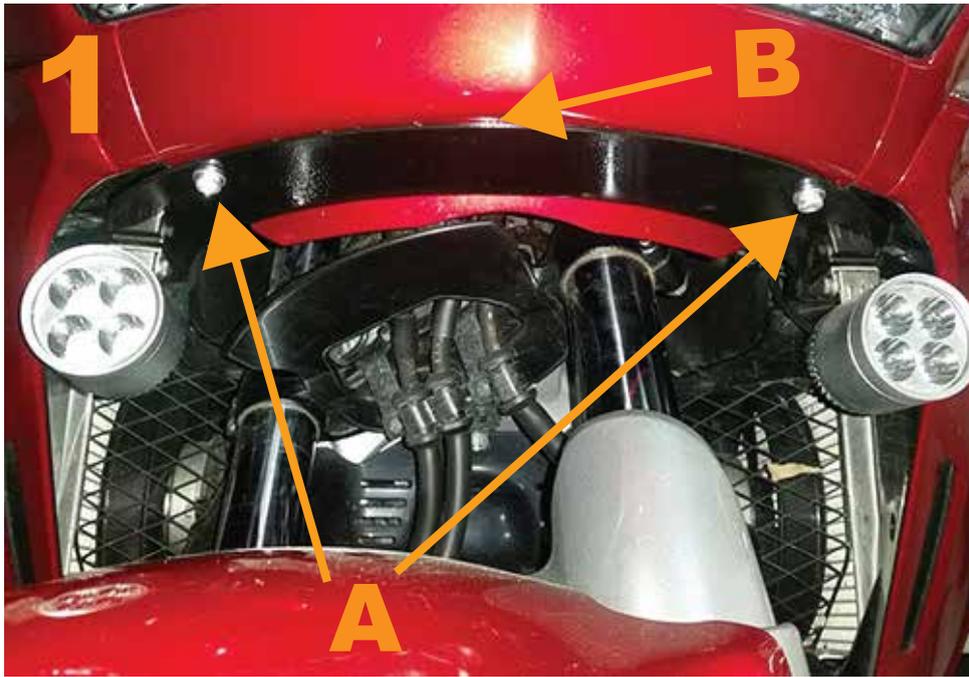
of the dark green wires and a light green black striped wire. Using the clip-on wire connectors provided connect the wire from the switch (thinner black wire) to the light green black striped wire as shown in photo (2D). Connect the short black wire from the relay (thicker black wire) and the black ground wires from the lights to one of the dark green wires as shown in photo (2E). Snap the large gray connector back into place on top of the radiator on 2001-2011 models. Using the supplied female spade terminal connect the two red wires from the driving lights to the remaining outer terminal (30 or 87) on the relay.

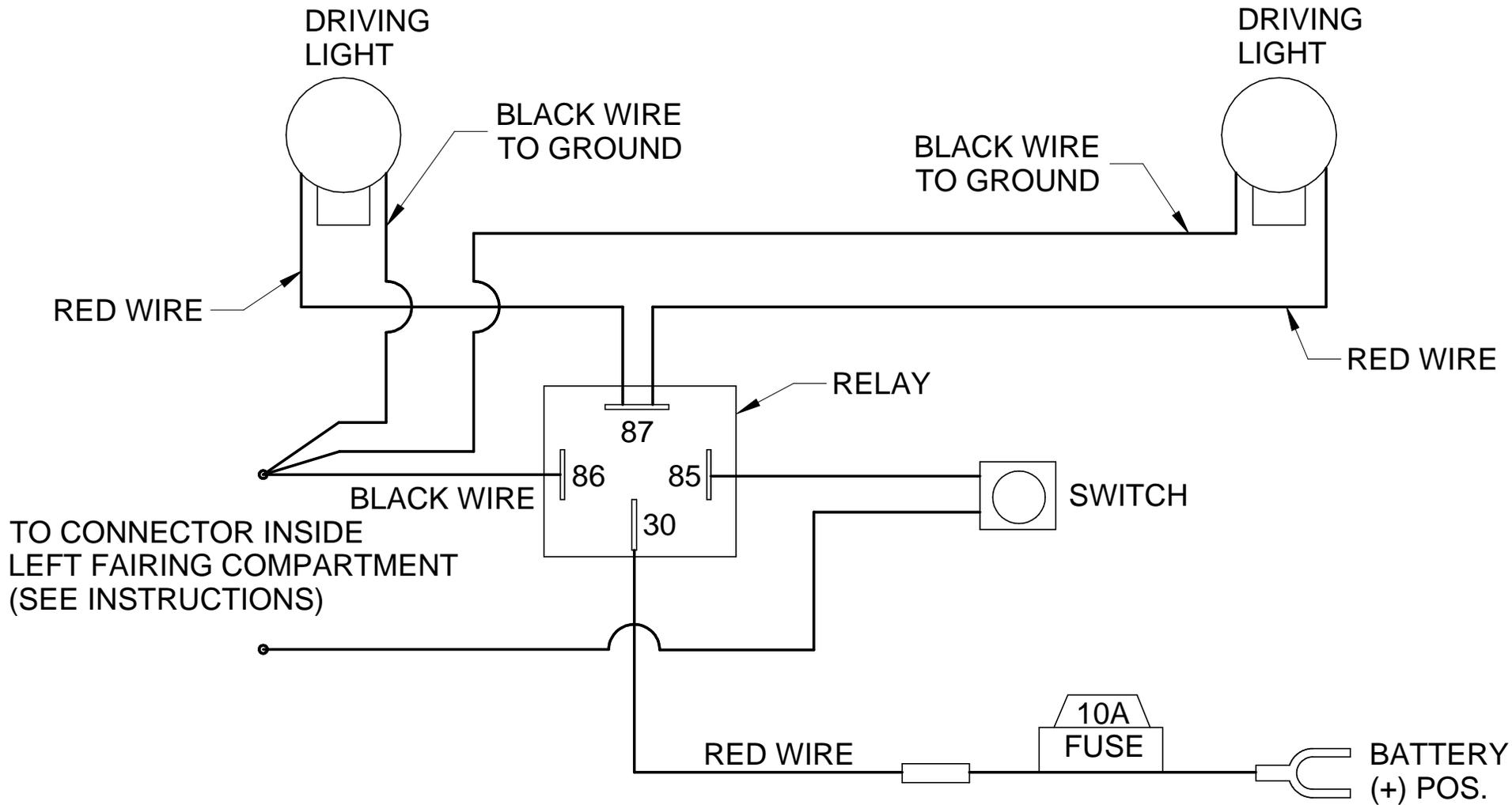
7. Route the remaining red power wire from the relay down the inside of left side of the fairing, coming out at the large engine mounting bolt as shown in photo (3A). Route the wire through the existing cable tie (photo 3B), behind the frame (photo 3C) and out by the fuse box (photo 3D). Holding the fuse wire assembly supplied up to the battery with the forked end at the positive terminal, cut the red wire, leaving enough length to attach it to the fuse wire. Strip the red wire back 3/8" and crimp securely to the fuse wire assembly. Connect the fork to the battery (+) positive terminal.
8. Turn on the ignition switch and test the driving lights by pushing the on/off switch several times. Replace the battery and side covers. Secure the wires inside the left storage compartment to the other wires using the supplied cable ties. Replace the storage compartment and its rivets.
9. The lights' clevis and mounting bolts and screws should be tight enough so as not to move from bumps or vibration but loose enough to move/aim the lights by hand. It is normal for the lights to become hot to the touch in a few minutes.



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GL1800 LED UNDER FAIRING LIGHTS  
GL18006F WIRING DIAGRAM