

**#GL18006-L2**  
**2001-2017 Honda Gold Wing 1800 & F6B models**  
**Lower Cowl LED Driving Lights**  
**INSTALLATION INSTRUCTIONS**

1. Lay out and familiarize yourself with the parts included in the set. Remove the left fairing storage compartment as follows: Open the lid, 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. Remove the lower fairing cowl as follows: Remove the six 5mm hex screws and two plastic push in pins from the cowl - then pull the bottom of the cowl out first, and then down. Remove the left and right plastic “D” shaped covers (1A) held in place by two 8mm hex bolts each (1B).
2. Notice the back of the lights with brackets are marked L and R. Place the four supplied washers and lock washers onto the four supplied 10mm bolts. Referring to photo (2A) and starting with the left light and bracket assembly, place the 50mm long (longer of the two) bolts with washers through the bracket (2B), then two of the supplied plastic spacers on each bolt (1C) and finally the “D” shaped cover removed earlier as shown. Then tighten the bolts securely. Referring to photo (3) assemble the right side in the same manner using the 40mm long (remaining shorter bolts) with only one plastic spacer on each bolt and finally through the “D” shaped cover, then tighten both bolts securely.
3. Locate the supplied wire harness. Attach the black ground wire from the harness with the ring terminal to the engine using the 8mm bolt shown in photo (1C). Connect the shorter set of black and red wires to the left lights black and red wires. Route the wire loom over to the right light and connect the remaining black and red wires to it. Secure the wires and loom to the others on the motorcycle using the supplied cable ties.
4. Route the remaining red wire up and inside the left fairing compartment removed earlier as follows. Routing or “fishing” the wire is best done using a piece of stiff wire (a cut and straightened piece of a wire coat hanger works well) with a small loop bent at one end then pushed from desired point to point, placing the wire to be “fished” through the loop several inches, and bent over firmly, then pulling the stiff wire back out.
5. Working inside the left fairing compartment and referring to photo (4), connect and secure the supplied relay and switch assembly as follows: Plug the red wire from the lights onto the remaining outer terminal on the relay (4B) (not the center terminal, this will not be used). Locate the unused red two-pin wire connector on the motorcycle’s wire harness

(photo 4A). Using the clip on wire connectors supplied, connect the wire from the switch (thinner black wire) to the light green with black striped wire (4C). Connect the thicker black wire from the relay, to the green wire.

6. Route or "fish" the red wire as shown in photo (5A, B and C) as done with the other red wire earlier. Connect the fuse wires forked terminal to the batteries positive (+) terminal. As shown in photo (5D) trim, strip and crimp the red wire to the fuse wire. Turn the ignition on and pushing the button on the switch, test the function of the lights.
7. Mounting the switch: The switch can be mounted as shown in photo (4) next to the headset clip either through the panel as shown in (4D) by drilling a 3/8" hole and mounting the switch from the back side of the panel, securing it with the screw on rubber push button cover. It can also be surface mounted as shown (4E) using double faced tape on the back side of the switch (not supplied) and the wires run along with the head set cord and secured with a cable tie.
8. Secure the wires and relay inside the storage compartment to the other wires using the supplied cable ties, being sure to leave room for the compartment box when replaced. Replace the storage compartment and its rivets, and then snap the trim piece back down into place. Replace the battery and side covers.
9. On the lower cowl you will need to cut out the blank centers where the lights will come through the cowl. Using a medium to fine tooth hacksaw blade, insert the blade from the backside of the cowl through the slots one at a time, and while looking at it from the outside - carefully cut the ribs or tabs. You can use a file or knife to smooth the edges. Again - work from the back and look from the front so as not to damage the paint should you slip. Before replacing the lower cowl you may want to experiment with aiming or adjusting the lights up or down in a driveway or parking lot after dark. Replace the lower cowl.



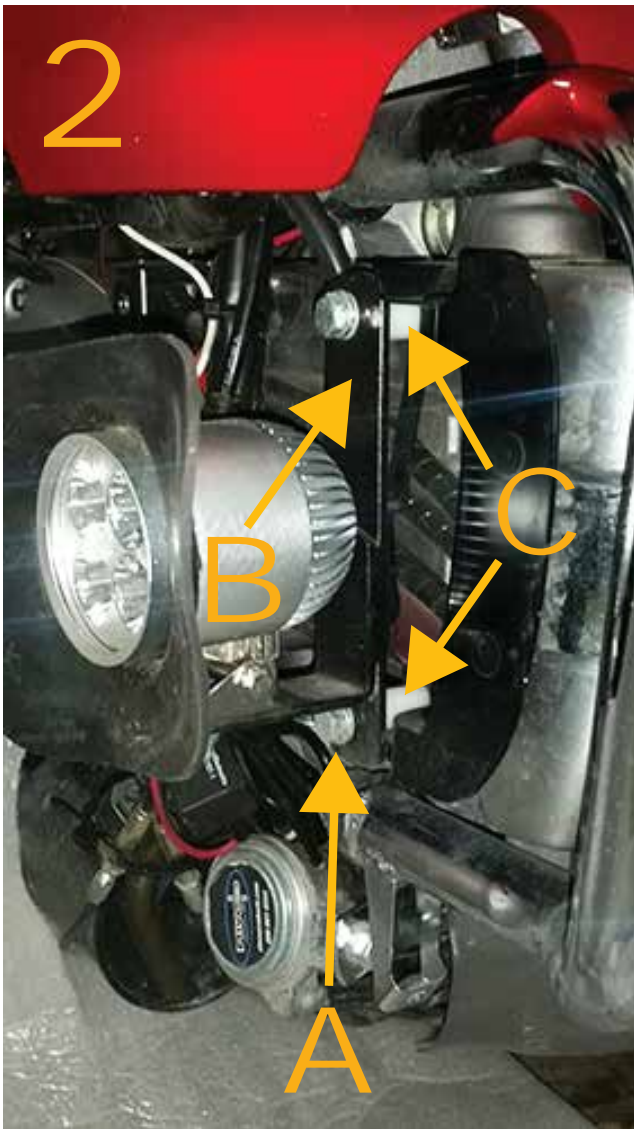
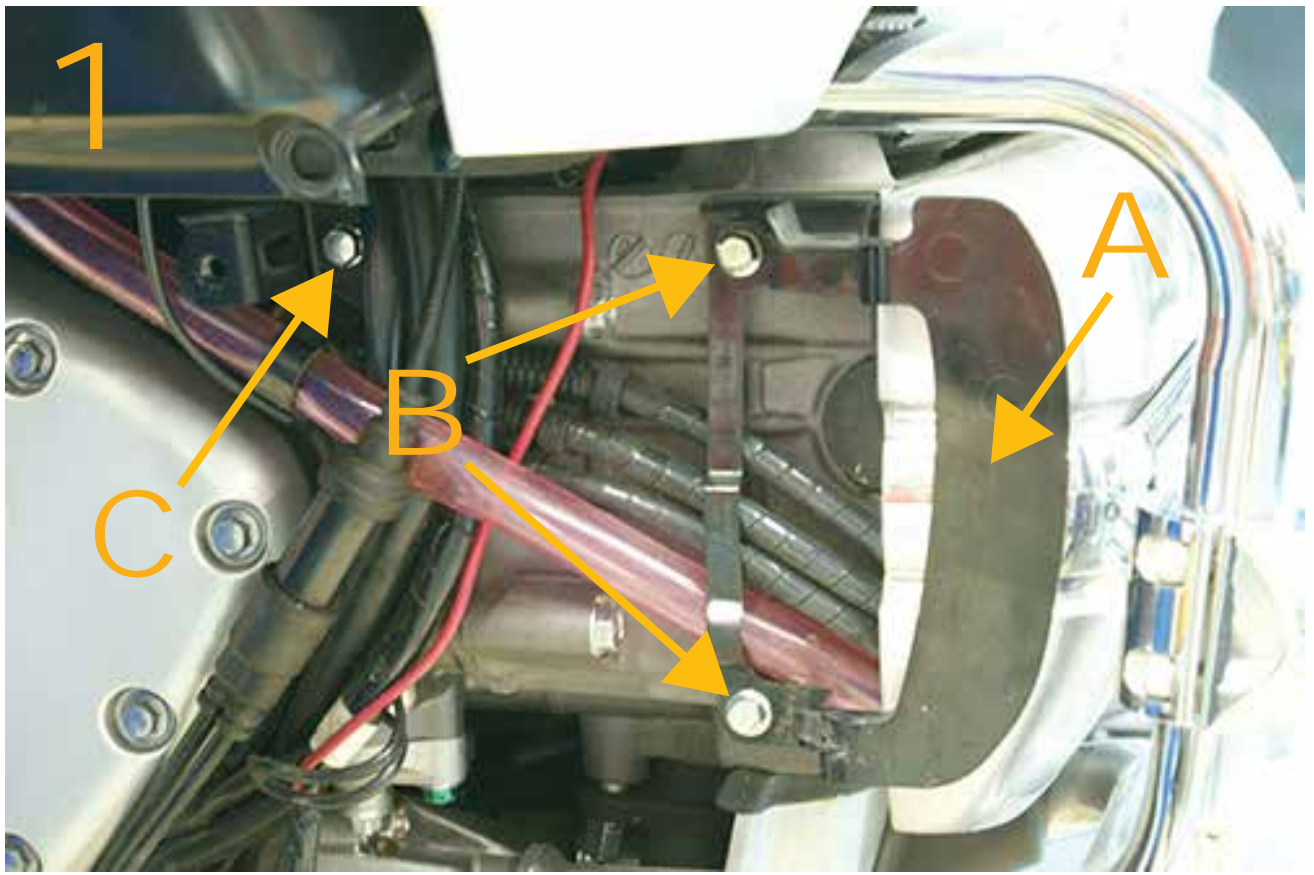


PHOTO #4

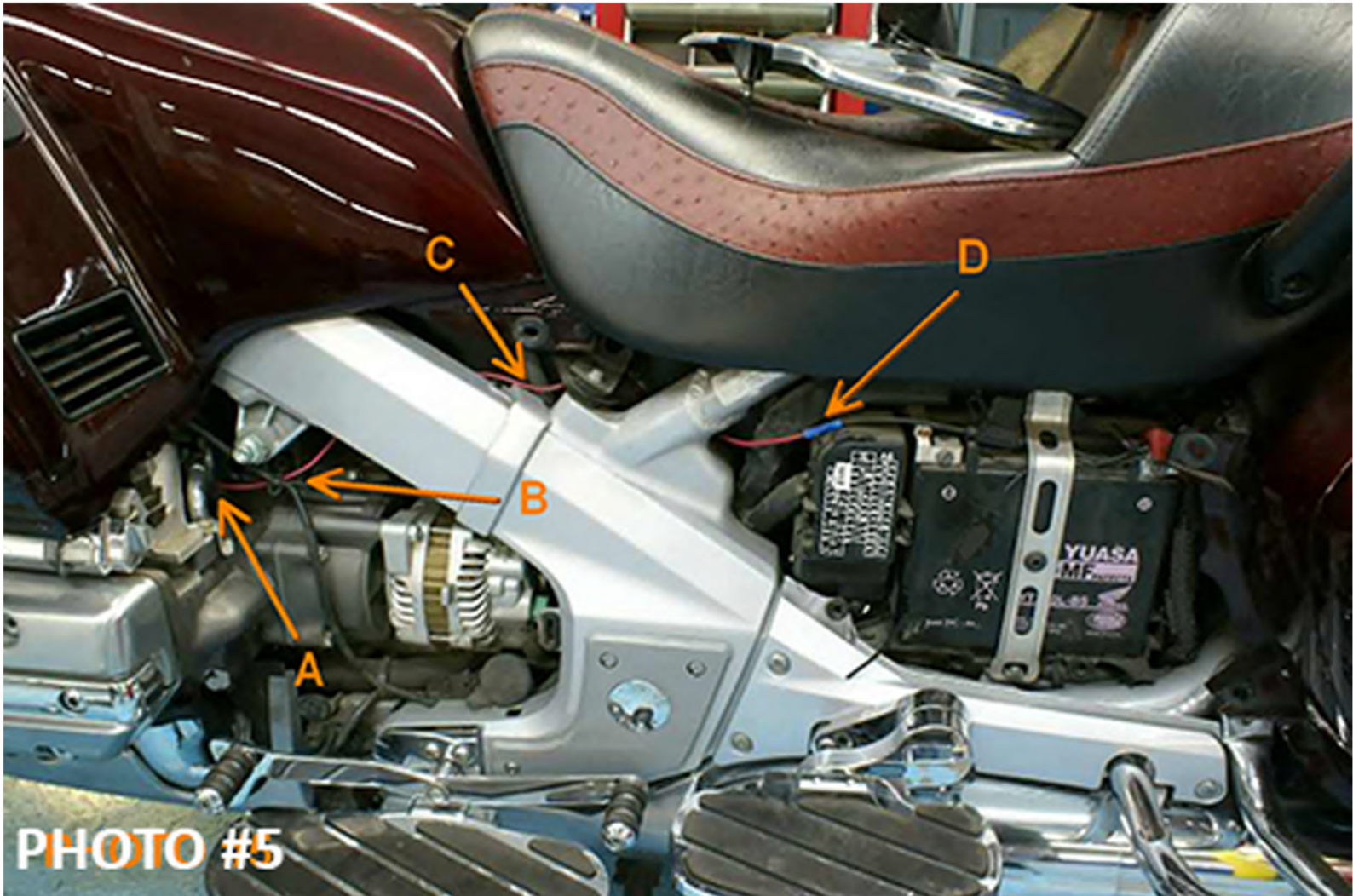
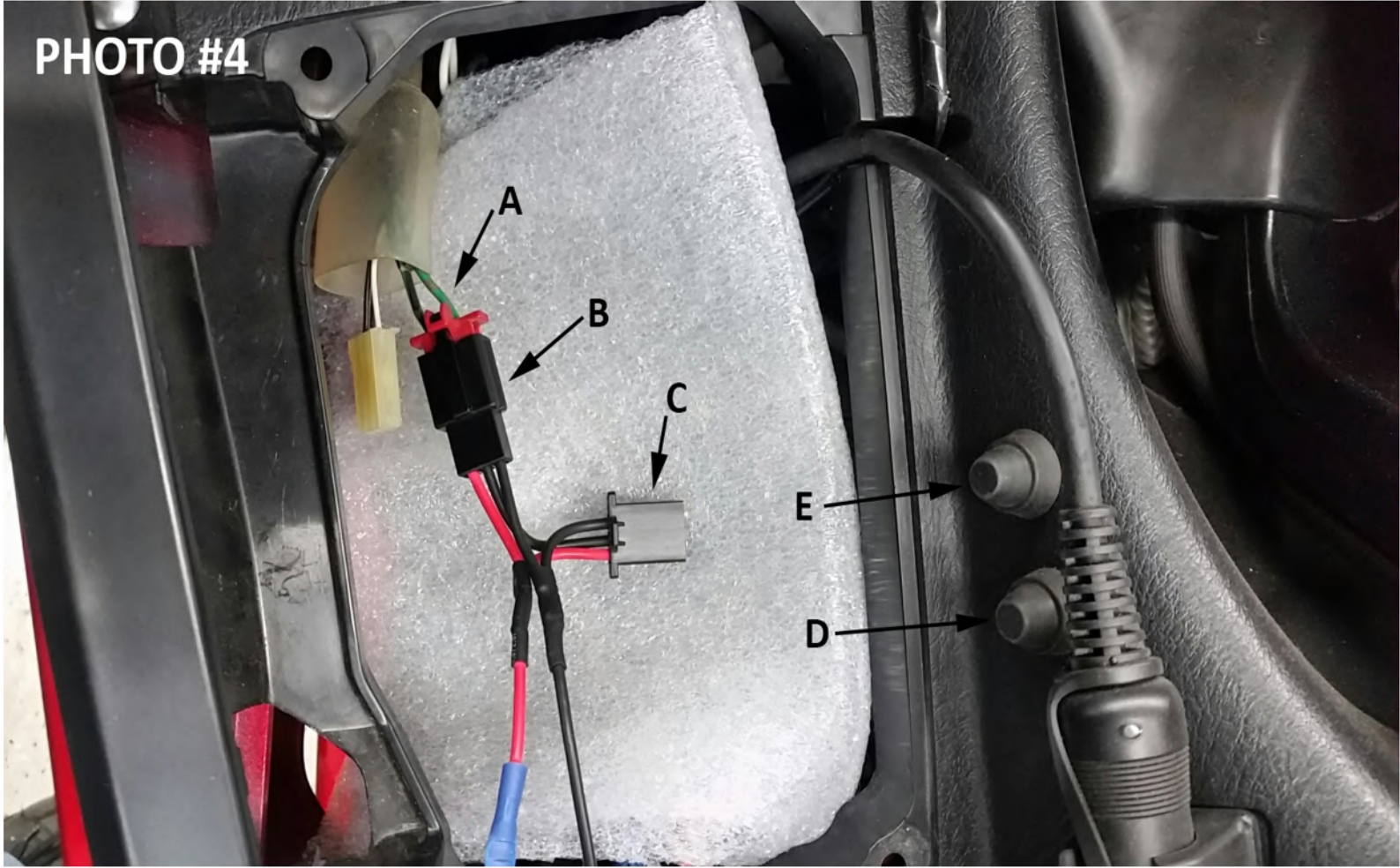


PHOTO #5

# GL1800 LED DRIVING LIGHTS WIRING DIAGRAM

GL18006F UNDER FAIRING MOUNT

GL18006L2 LOWER COWL MOUNT

30 AUG 2017

