



# Bi-LED ACA headlights for C5 Corvette

## Installation Guide (Updated for kits shipped since June 2022)

# Tools list

## Required tools

- Philips head screwdriver
- Torx 15 screwdriver
- needle nose pliers
- Probe tool, precision flathead screwdriver or paperclip
- Wire stripper

## Suggested Tools

- Forceps or tweezers
- Leader/Feed wire

1. Remove your factory taillights. (typically using either a t15 or Philips screwdriver)



## 2. Remove the factory tail light bulbs

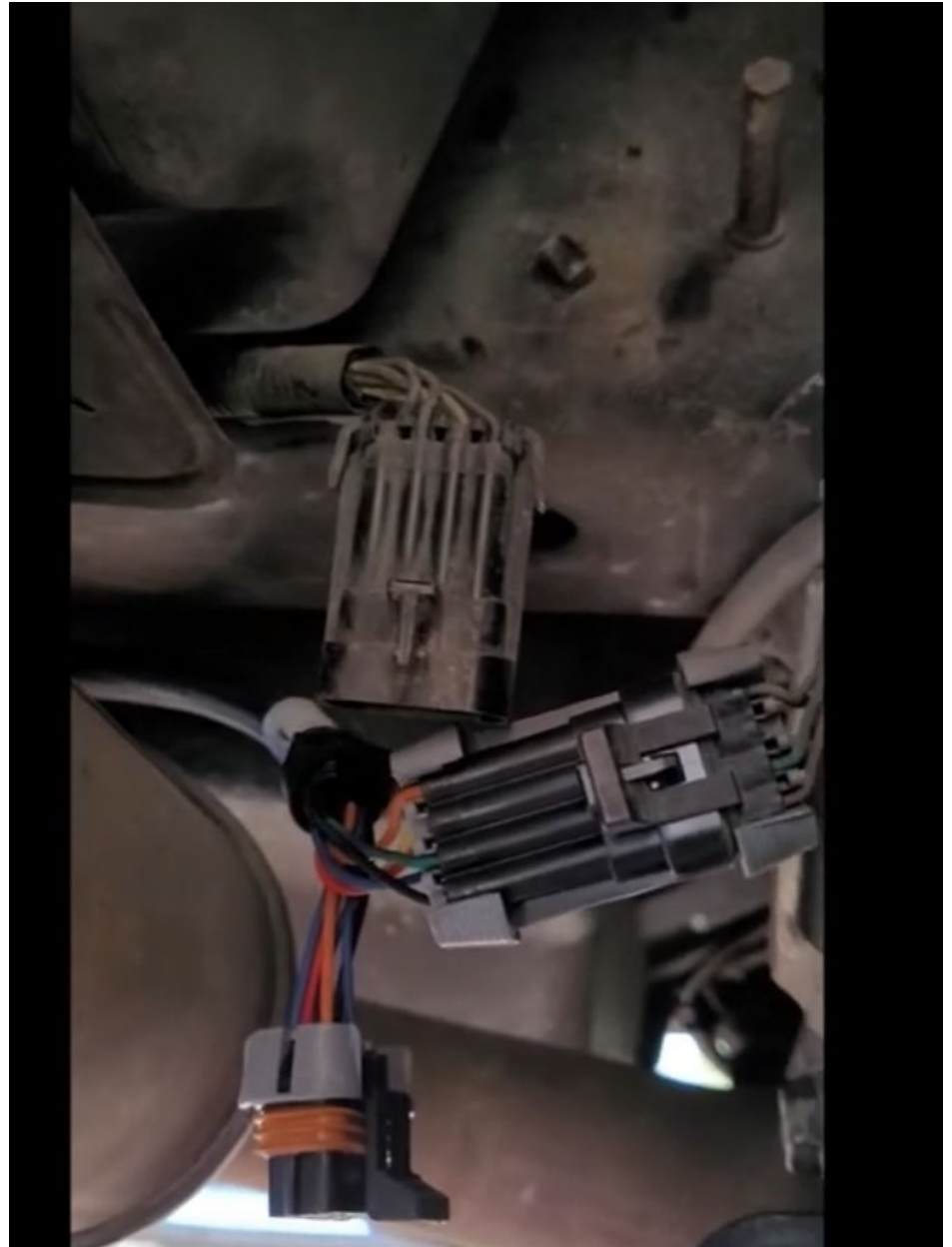


3. Identify and disconnect your rear light harness plug on the frame near the passenger muffler



4. Insert the matching male/female ends of your new harness between the factory harness connectors.

You can reuse use the factory plastic retaining pin on to re-attach the harness to the frame rail once connected.



5. Run the other end of the harness up through the same gap the factory harness uses. (between the outer storage bin and frame rail)

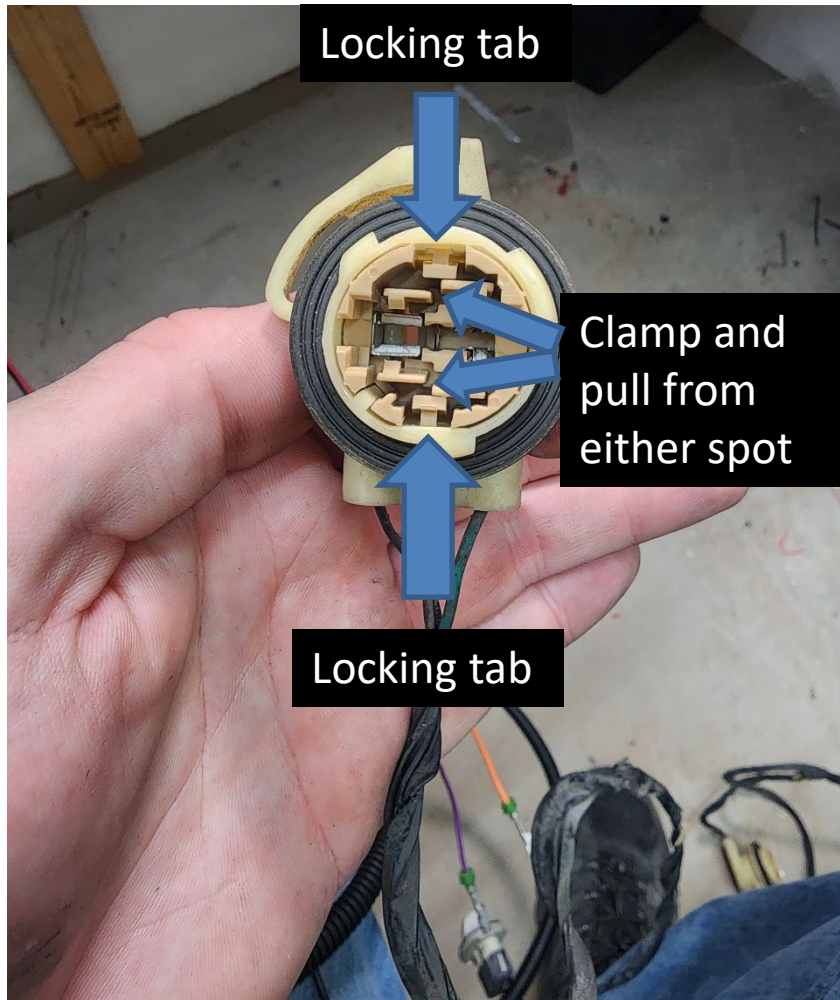
The lead with the green wire goes to the passenger side tail lights. Yellow wire lead goes to the driver's side.

(Leader/feed wire here is highly suggested)



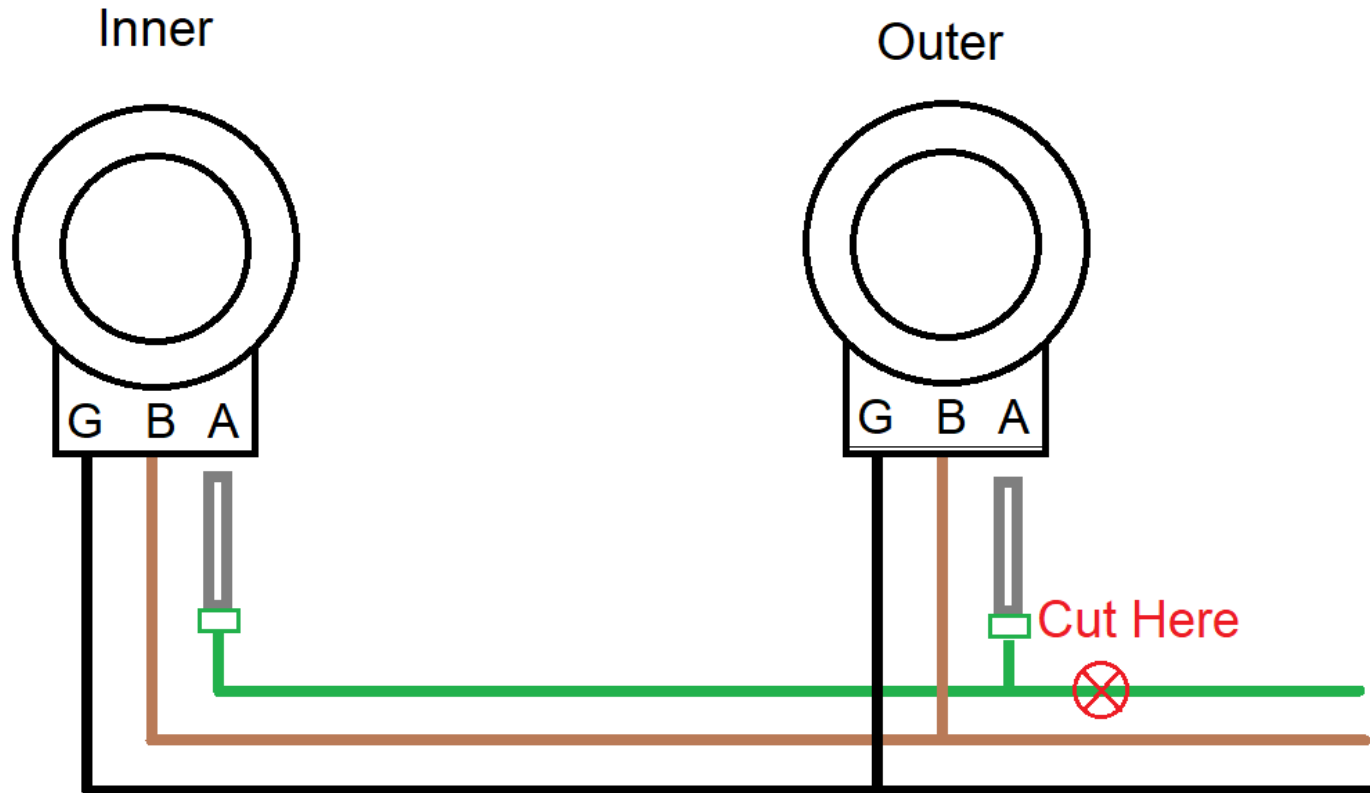


6. Use your precision flathead probe or paperclip to release the locking tabs by pushing them towards each other and use your needle nose or forceps to remove the insert from the spots shown.

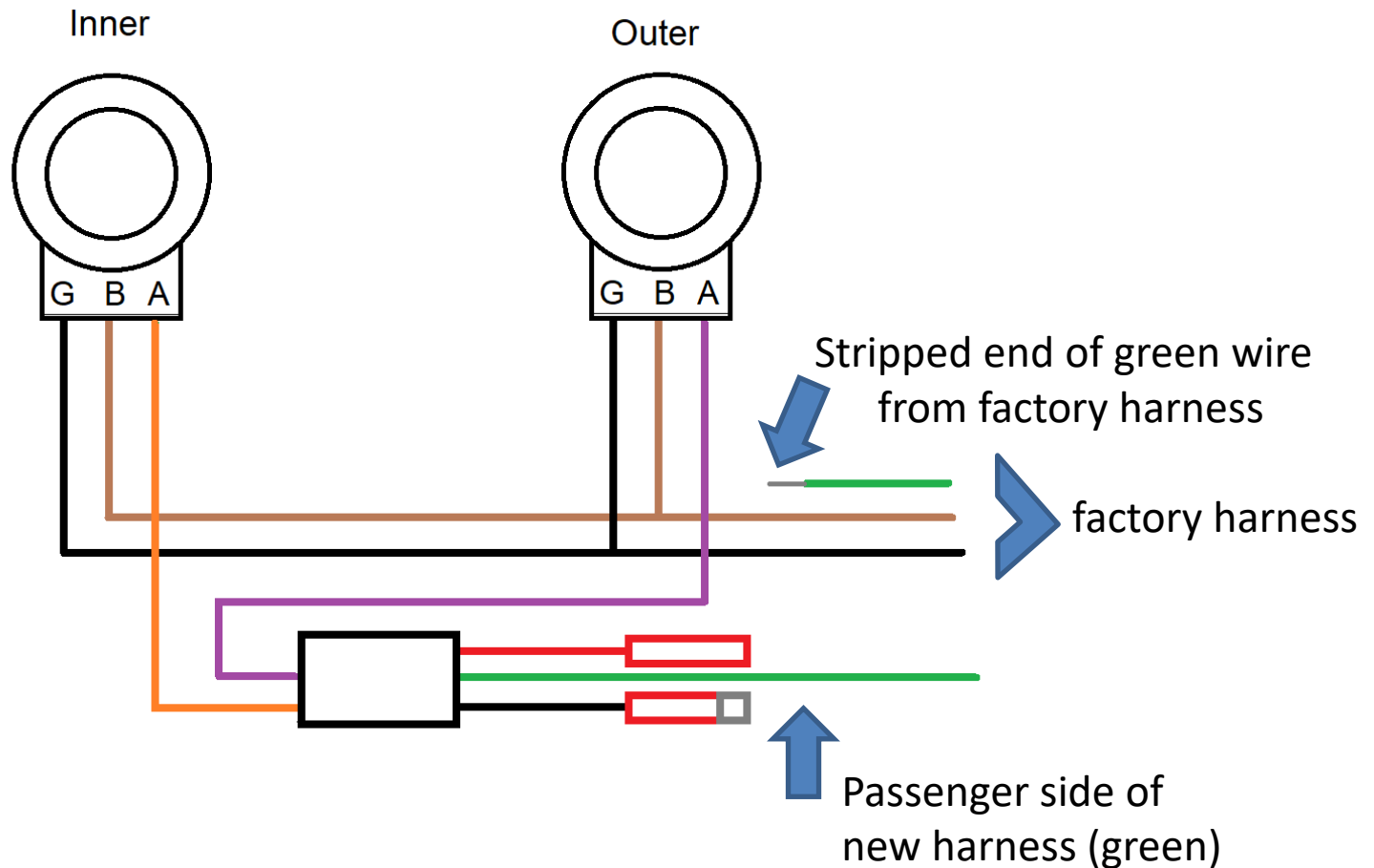




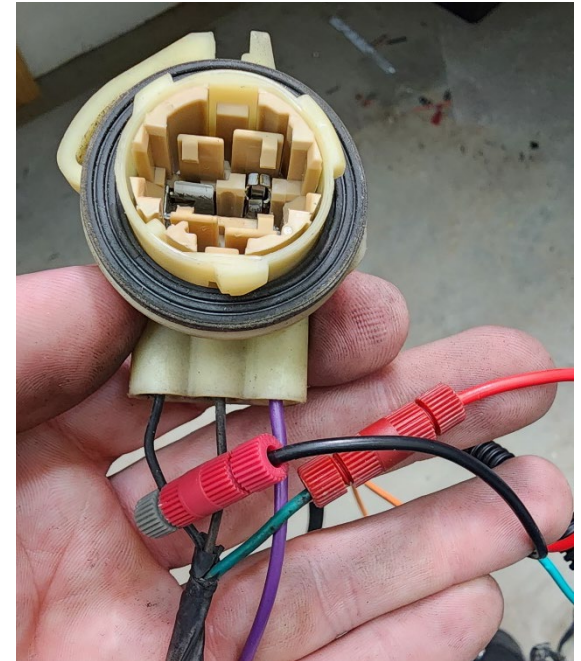
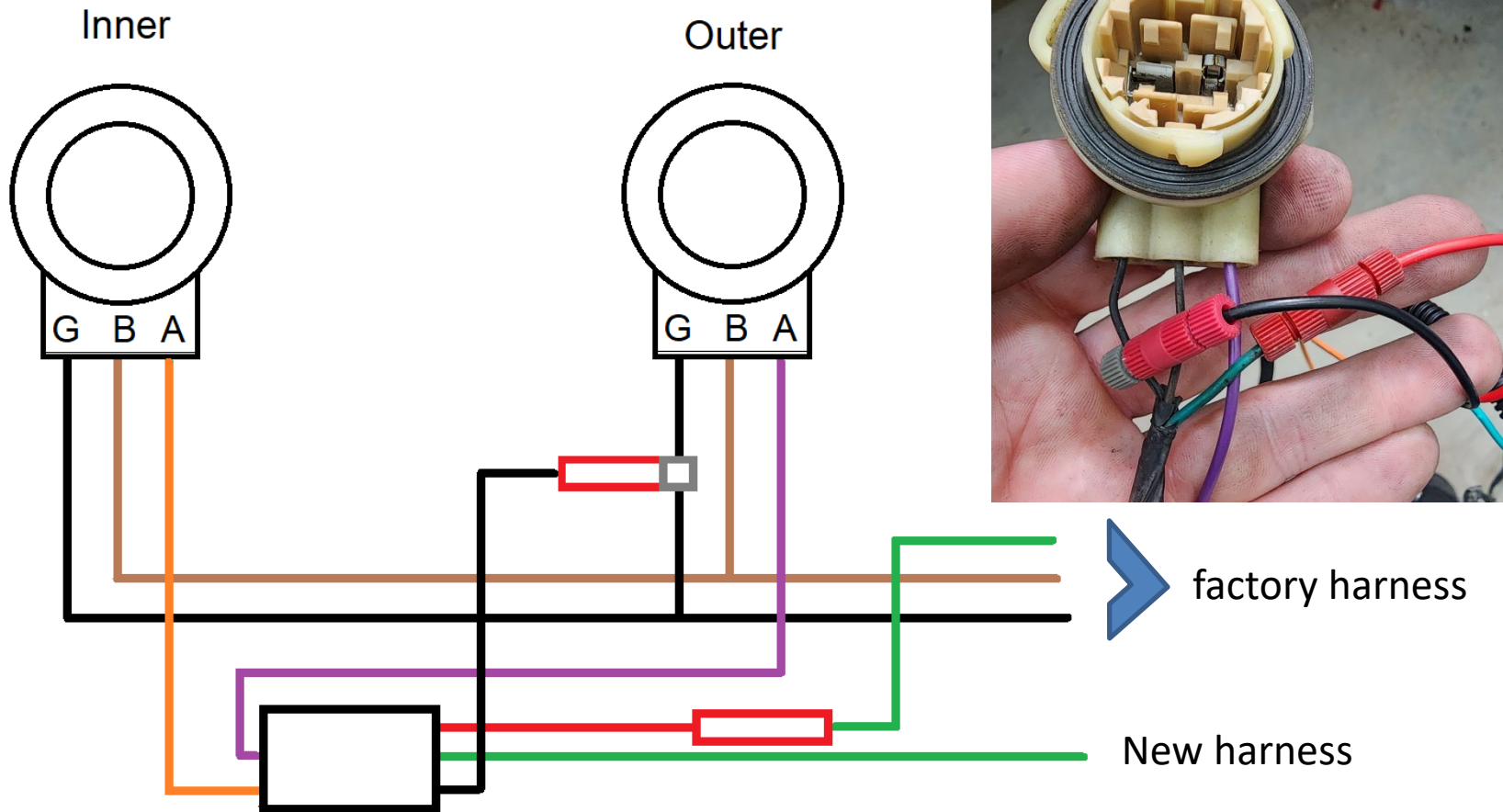
7. Remove the green wire in the “A” position and contact from both sockets. Cut the green wire at the shown location and strip about  $\frac{1}{4}$ ” to  $\frac{3}{8}$ ” of insulation from the harness side of the green wire. (Discard the ends with the contacts)



8. Insert the replacement contact with the orange wire into the now empty position A in the inner taillight socket, and the contact with the purple wire into position A the outer taillight socket.

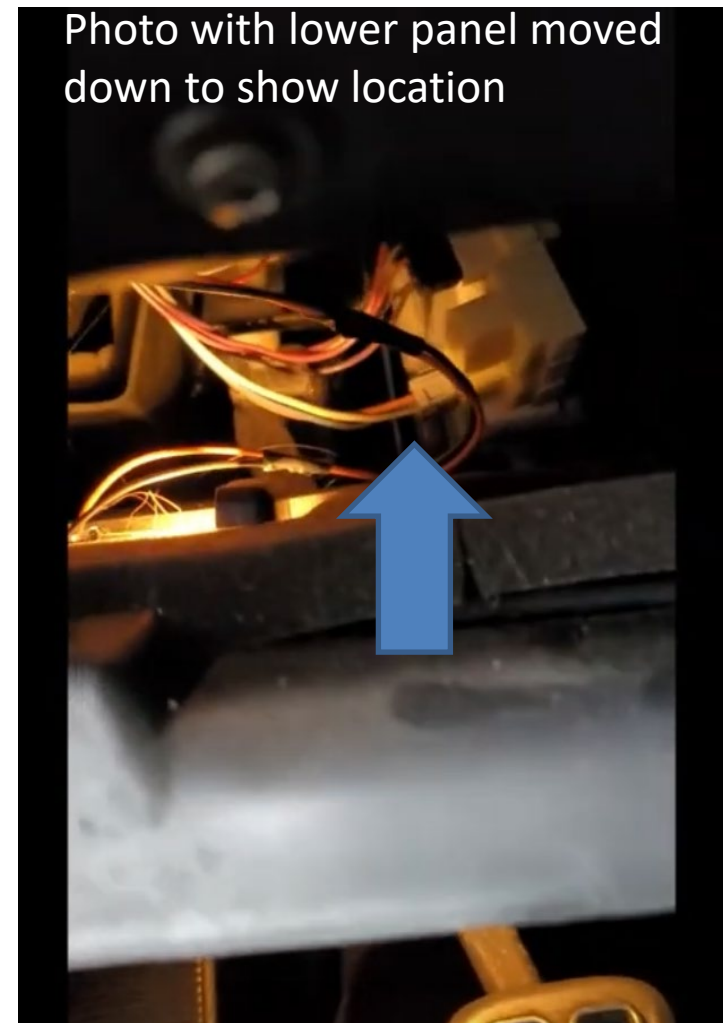
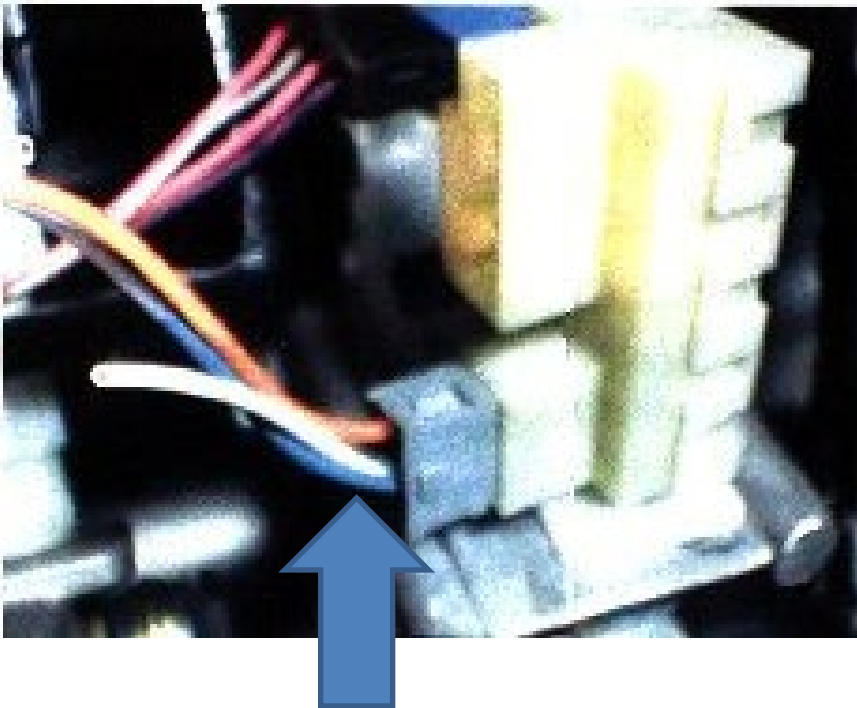


9. Use the posi-tap to tap the black ground wire from the new harness to the black ground wire on one of the sockets. Use the posi-lock to connect the red wire from the new harness to the green wire you previously stripped. Repeat steps 6-9 on the other side tail light sockets.



10. Locate the brake pedal switch under the driver's side dash. Locate the connector with orange white and blue wires. Cut the white wire and cut it being sure to leave enough that if it ever needs to be reconnected there's enough wire to do so.

(If you need to install a hyperflash harness for LED Tail lights and/or turn signals, now is a good time to do this since those connectors are in the same area under the dash.)



11. Connect your taillights and set them in the opening. Before bolting everything back together, check the function of your lights: Brake, turn signal and hazards. If everything functions correctly, secure the taillights and the lower dash and enjoy!

