

# NHTSA Part 2

## MODIFICATION INSTRUCTIONS

### FIRST THINGS FIRST

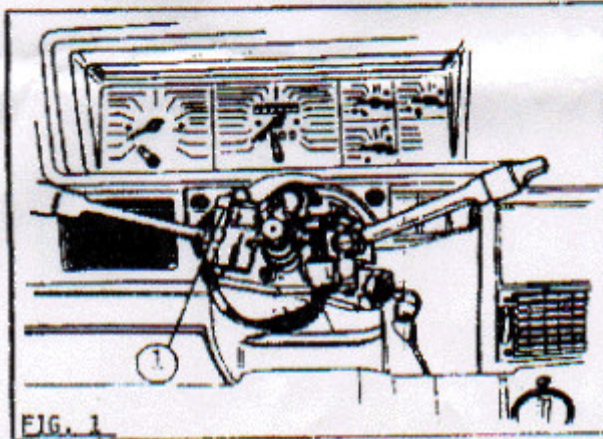
- 1) Disconnect the battery ground cable.

### MODIFICATION OF THE POWER FEED CONNECTOR TO THE HEADLAMP SWITCH

- 2) Remove the steering column covers to access the headlamp switch. (Held in place by six, 3mm. Allen-head screws). Disconnect the red 12 ga. power feed wire to the switch. (Fig. 1. Item 1). Cut off the existing female connector on the wire. Replace the female connector with the SPECIAL PHOSPHOROUS-BRONZE CONNECTOR found in this kit and install its protective insulating sleeve. (Fig. 2). Inspect the headlamp switch body for ANY sign of switch body deformation due to terminal overheating. Replace the headlamp switch if it is damaged. (A headlamp switch IS NOT included in this retail kit, but IS AVAILABLE SEPARATELY). Then re-connect the red wire to its terminal on the headlamp switch.

### IMPORTANT NOTE!!!

DO NOT INSTALL ANY OTHER CONNECTOR ON THE RED POWER LEAD TO THE HEADLIGHT SWITCH. THE PROPER CONNECTOR IS THE GREY OPEN-BARREL STYLE CONNECTOR FOUND IN THIS KIT. THE USE OF ANY OTHER CONNECTOR MAY CAUSE HEADLAMP FAILURE, PRESENTING A POSSIBLE SAFETY HAZARD. TO INSURE A POSITIVE CONNECTION, CRIMP THIS CONNECTOR WITH THE OPEN-BARREL CRIMPING TOOL PROVIDED BY ALFA ROMEO.



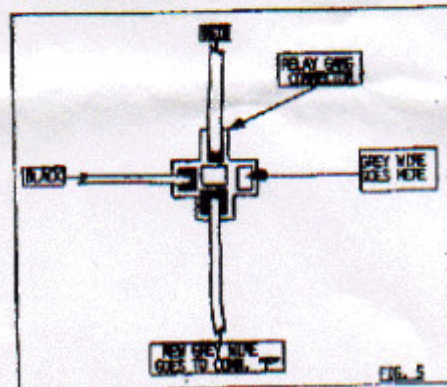
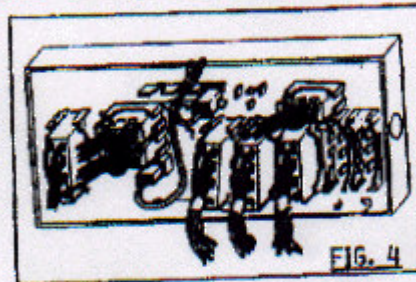
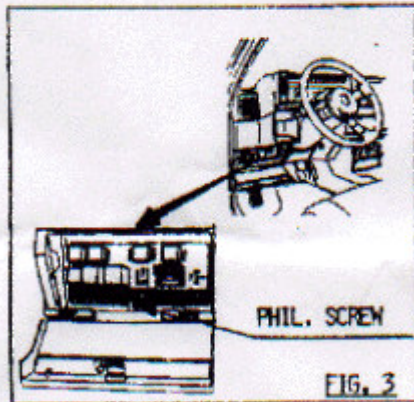
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### MODIFICATION OF THE HEADLAMP POWER FEED AT THE FUSE BOX

- 3) Open the fuse box door. Remove the phillips-head screw located at the bottom center of the fuse box. (Fig. 3). The fuse box can now be popped out of its mount and guided out of the dashboard. (The fuse box door hinges are spring loaded to allow for removal if you would like more work space).
- 4) With the fuse box hanging free from the dash, locate connectors "F" and "G". They are located directly behind fuses #2 and #3 on the back of the fuse box. They can be identified by the "F" and "G" designations cast into the plastic body of the fuse box along the lower edge. (Fig. 4). Remove both of these connectors together since they are interlinked. Remove the GREY wire from connector "F" using a suitable pointed instrument and cut off its terminal. Strip the wire end and install the other Phos.-Bronze female connector found in this kit. Install the grey wire with the new style terminal into modification harness relay gang connector found in this kit. Refer to Fig. 5 for proper installation location.



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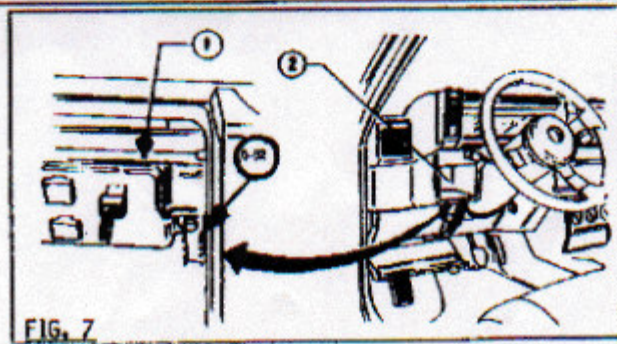
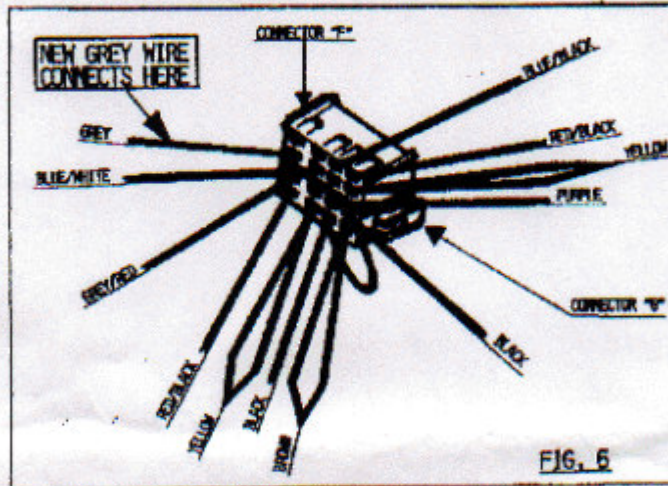
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### CONNECTION OF THE MODIFICATION HARNESS TO THE CAR

- 5) Install the free end of the grey wire in the modification harness to connector "F" in the location vacated in the previous step. See Fig. 6 for reference. Re-install connectors "F" and "C" securely into the fuse box.
- 6) Connect the free end of the 12 ga. red wire in the modification harness to any of the power feed bus-bar connectors located on the back of the fuse box, top middle. There is an "L" designation cast into the body of the fuse box, just below the two power feed bus-bars. (Fig. 4).
- 7) Connect the free end of the 14 ga. black wire in the modification harness to grounding bus-bar "G-52" located behind the fuse box on the firewall. (Fig. 7).



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### HEADLIGHT RELAY MOUNTING AND FINAL CONNECTION

- 8) Remove the storage box from the left side of the dash by putting your hand inside of the box, pushing up and pulling out. (Fig. 7, Item 2). Then remove the 8mm. nut securing the door lock relay bracket to the dash brace which runs just above the fuse box. (Fig. 7, Item 1). Now you will be able to withdraw the door lock relay and bracket through the storage box opening. (Fig. 8). Mount the headlight relay to the door lock relay bracket using the top mounting screw of the door lock relay.
- 9) Route the modification harness into the dashboard and bring it out through the storage box opening. Plug the gang connector of the modification harness onto the headlight relay. Re-install the relays and the bracket to the original position. Re-connect the battery ground cable and operate the high and low beam lights to insure proper functioning.
- 10) Re-install the fuse box, storage box, steering column covers, etc. Re-test the headlights and verify ALL functions are normal.
- 11) Install recall sticker on to the inside of the fuse box. Refer to illustration on page 1 for placement.

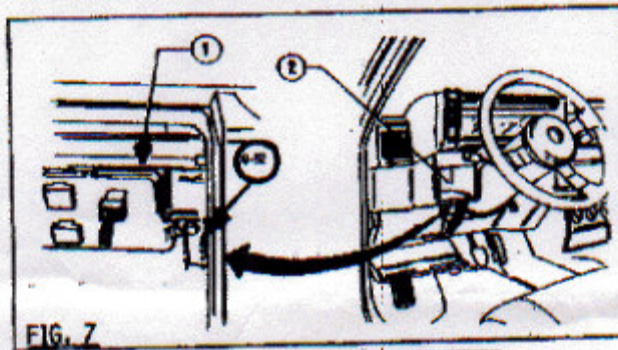


FIG. 7

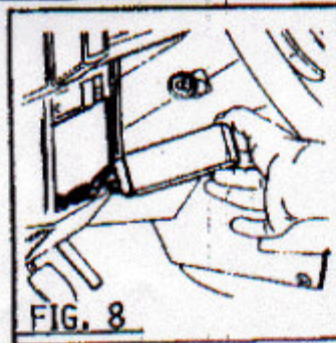


FIG. 8