

INSTALLATION INSTRUCTIONS

Read entire instructions thoroughly before starting. For proper aiming of fog lamps, follow procedures in the service manual.

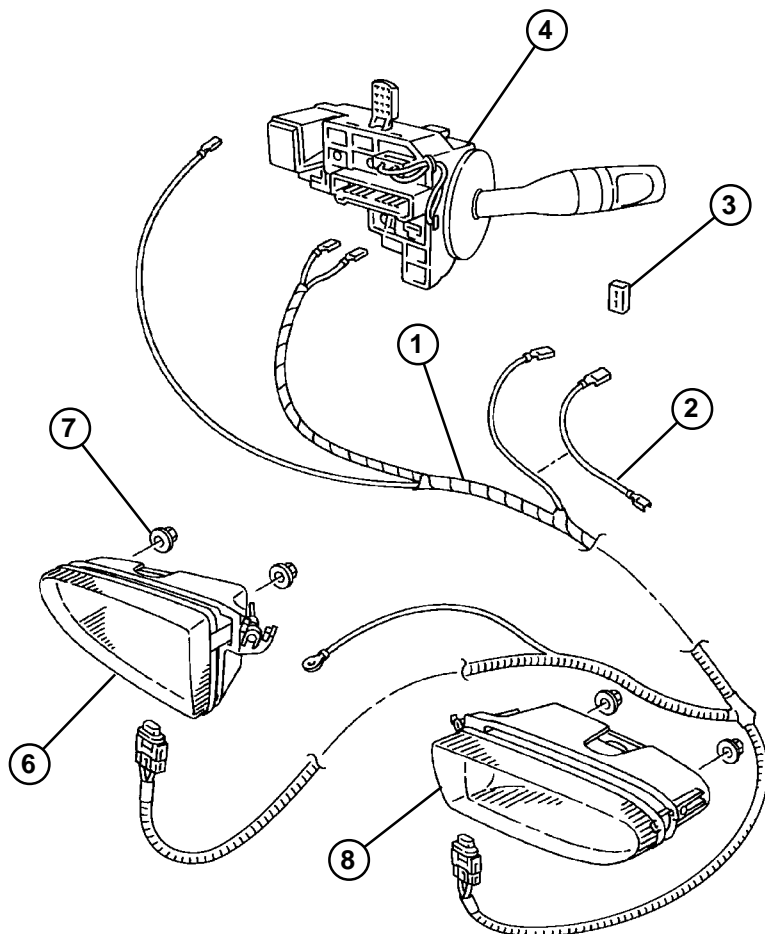
NOTES:

- Left and right are determined from the driver's seat (left side).
- Fog lamps can only be operated with park and low beams.
- This accessory lamp kit conforms with Federal Safety Standards when installed in accordance with the instructions provided with this kit. State and local regulations may also apply. Please consult local regulatory and law enforcement agencies in your area for specific details.

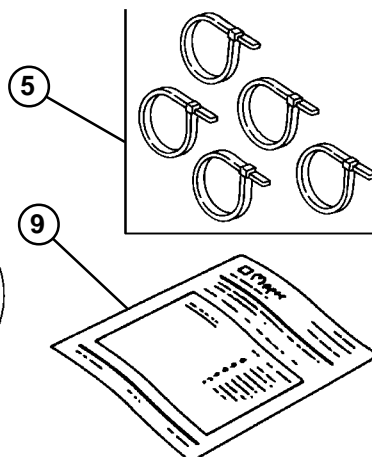
TOOLS REQUIRED:

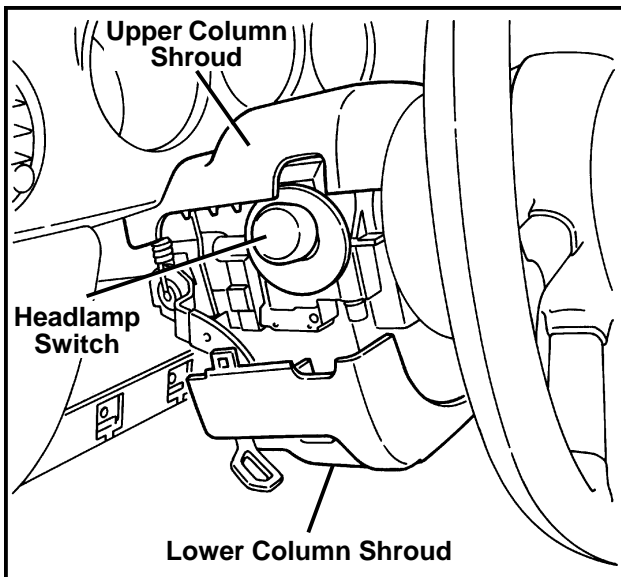
- Large flat screwdriver • 10mm wrench • Phillips screwdriver • 1/2" drill bit • Drill motor
- Utility knife • Wire routing tool • Electrical tape • Silicone sealant • Hooked pick tool
- Trim stick • 10mm socket • 7mm socket • Socket wrench • T10 torx driver

CONTENTS:

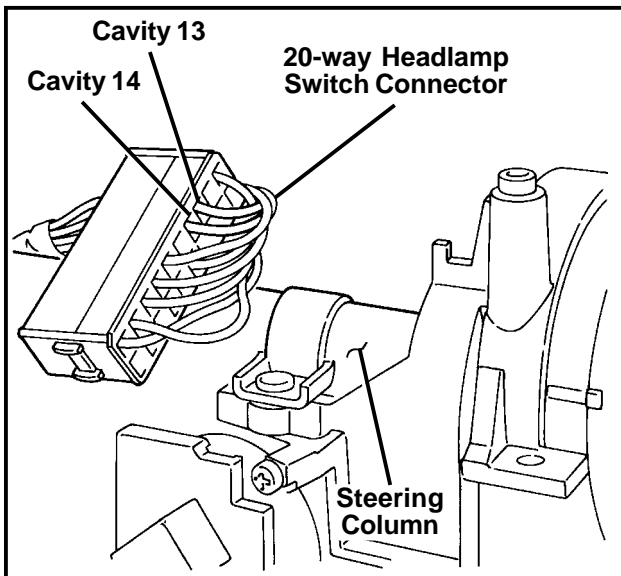


Item	Qty.	Description
1	1	Fog Lamp Harness
2	1	Jumper Wire
3	1	15 amp Fuse
4	1	Headlamp Switch
5	10	Tie Straps
6	1	Right Fog Lamp
7	4	Hex Flange Nuts
8	1	Left Fog Lamp
9	1	Installation Instructions





- 1) Disconnect air cleaner hose and pull out the air cleaner assembly to access the battery.
- 2) Using a 10mm wrench, disconnect and isolate the negative battery cable.
- 3) Pull down and disengage the I/P knee blocker.
- 4) Remove two phillips screws, then disengage and remove the upper and lower steering column shrouds.
- 5) Remove two phillips screws from the headlamp switch. Pull out switch and unplug the 20-way connector.

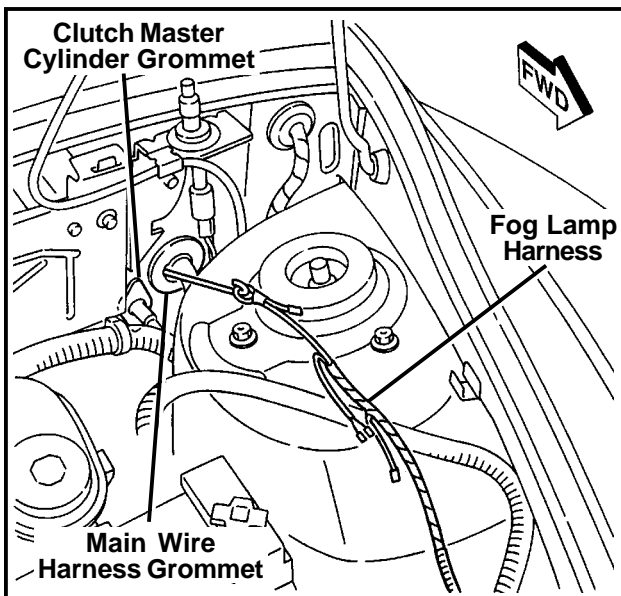


- 6) Check for wiring in cavities 13 and 14 of the connector.

NOTE:

If there is existing wiring present at these locations it means that the vehicle has been pre-wired for fog lamps. You will only need to install the new headlamp switch and fog lamps from the kit. Proceed to Steps 27 – 28 and 35 – 41.

If wiring is not present at these locations it means the entire kit must be installed. Proceed with Step 7 or 7a.

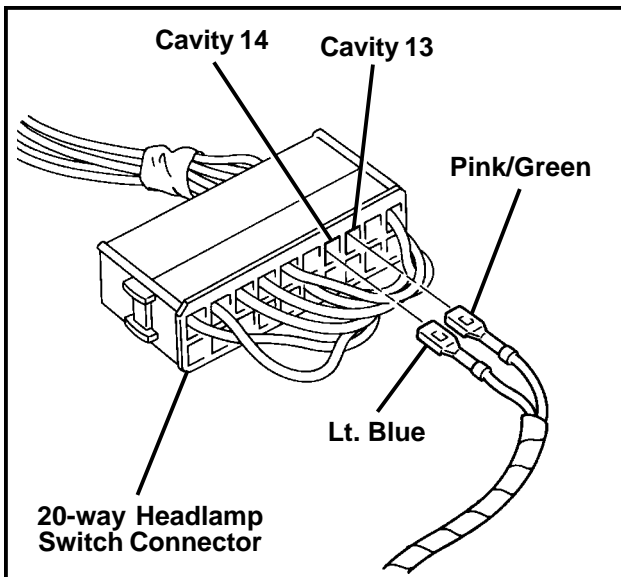


Vehicles with automatic transmission:

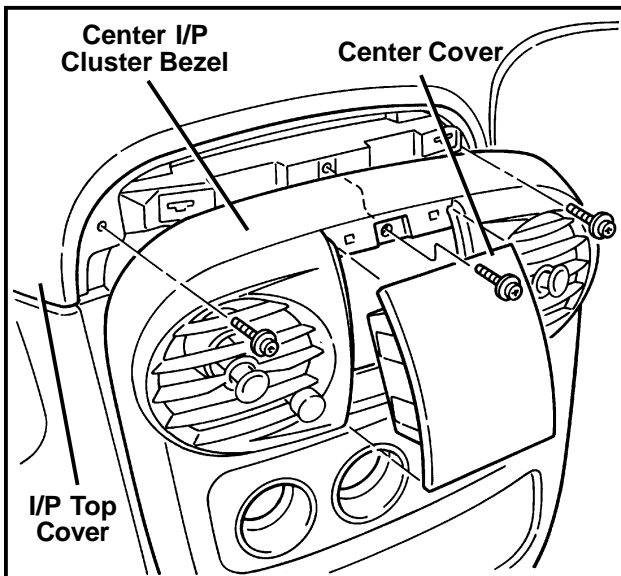
- 7) Drill a 1/2" hole through the unused clutch master cylinder bulkhead grommet from the driver's compartment outwards.

Vehicles with manual transmission:

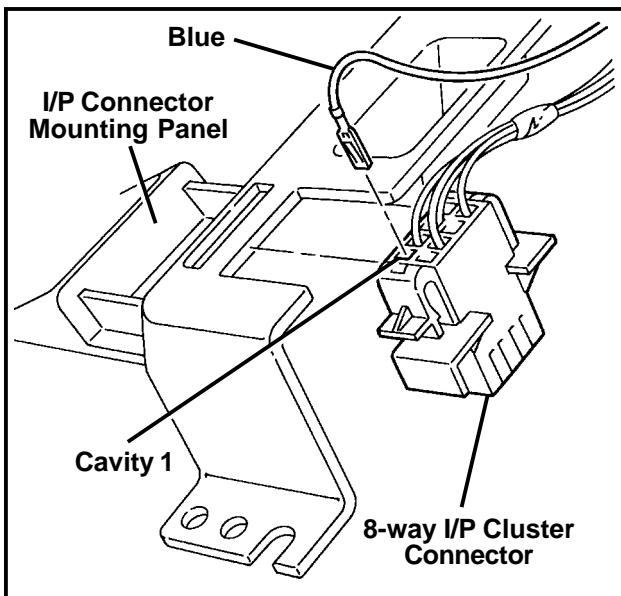
- 7a) Open a 1/2" slit in the main wire harness bulkhead grommet from the driver's compartment outwards.
- 8) Using a wire routing tool, pull the fog lamp harness (Item 1) into the driver's compartment approx. 1" past the last take out.
- 9) **Important:** Close opening in the grommet with silicone sealant to prevent noise and odor intrusion.



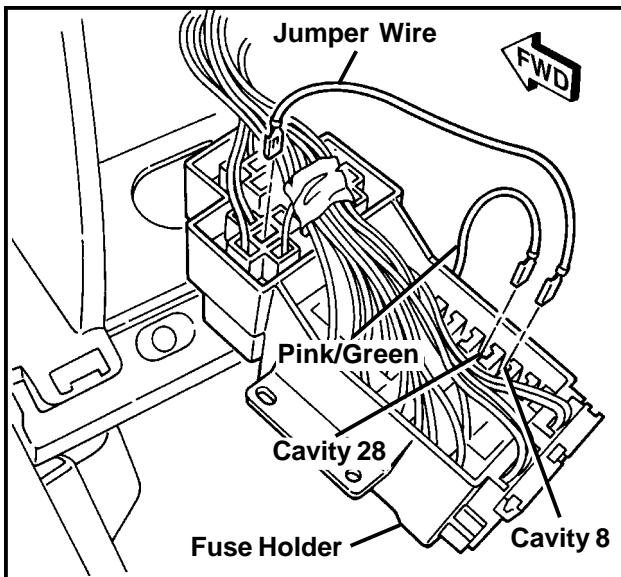
- 10) Carefully remove locking wedge from the 20-way headlamp switch connector.
- 11) Remove wire routing tool from fog lamp harness. Route fog lamp harness up along the steering column harness and insert pink/green and light blue wires as shown.
- 12) Re-install locking wedge to the connector.



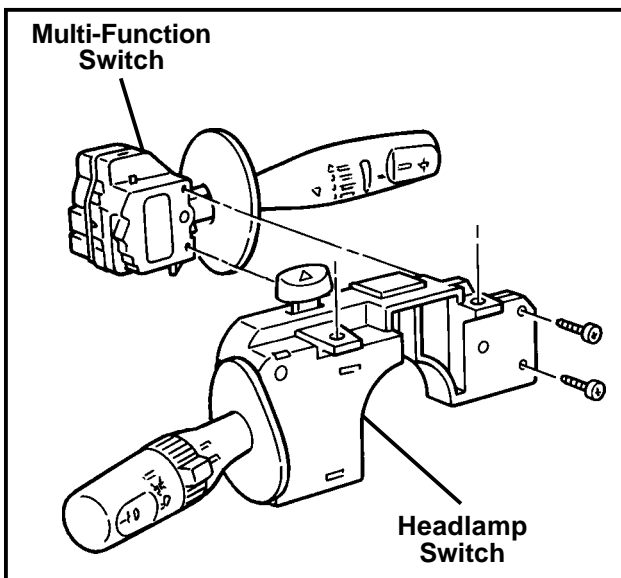
- 13) Pull four HVAC knobs straight out of the center I/P cluster bezel.
- 14) Remove center cover, then remove bezel mounting screw and bezel.
- 15) Remove two phillips screws from the I/P top cover as shown. Lift up and back on the cover just above the I/P cluster and disengage two retaining clips.
- 16) Remove two phillips screws from the lower left I/P panel. Disengage three retaining clips and one connector, then remove the panel.
- 17) Remove I/P cluster bezel. Remove four cluster mounting screws and the cluster.



- 18) Remove four connector panel mounting screws and the panel.
- 19) Slip the 8-way cluster connector out of its mount. Carefully pull the locking wedge from the connector.
- 20) Insert fog lamp harness blue wire as shown.
- 21) Re-lock the locking wedge, and re-mount the connector.
- 22) Re-install connector panel, I/P cluster, and cluster bezel.



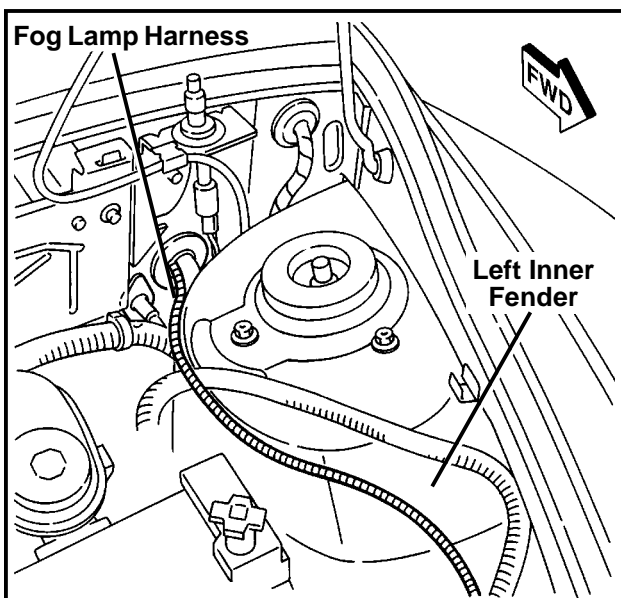
- 23) Remove two phillips screws from the fuse block holder. Carefully pull out yellow locking wedge from the fuse block that surrounds the fuses.
- 24) Remove jumper wire (Item 2) from the fog lamp harness. Insert jumper wire and pink/green wire as shown.
- 25) Re-install locking wedge. (Use a pocket knife to align fuses to slots in the wedge.) Re-install the fuse holder.
- 26) Insert supplied 15 amp fuse (Item 3) into cavity #8 of the fuse block.



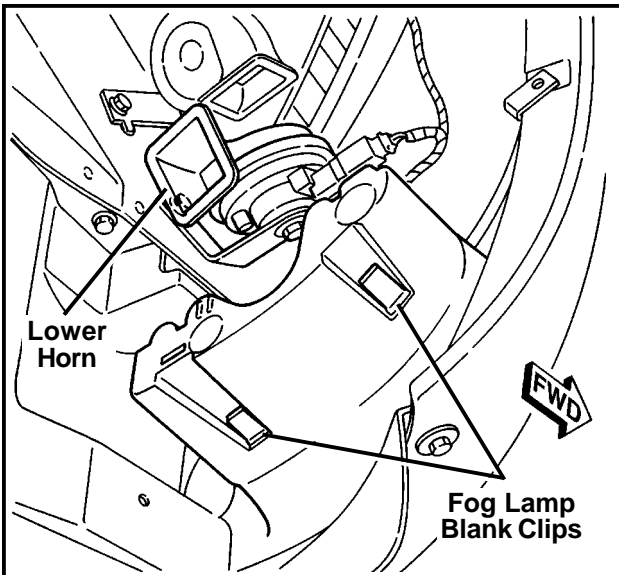
- 27) Remove existing headlamp switch from multi-function switch and install supplied headlamp switch (Item 4) using a T10 torx driver.
- 28) Install switch assembly to steering column. Plug and lock 20-way connector into the headlamp switch.
- 29) Using a few of the supplied tie straps (Item 5), secure fog lamp harness to the steering column harness and I/P harness.

CAUTION !

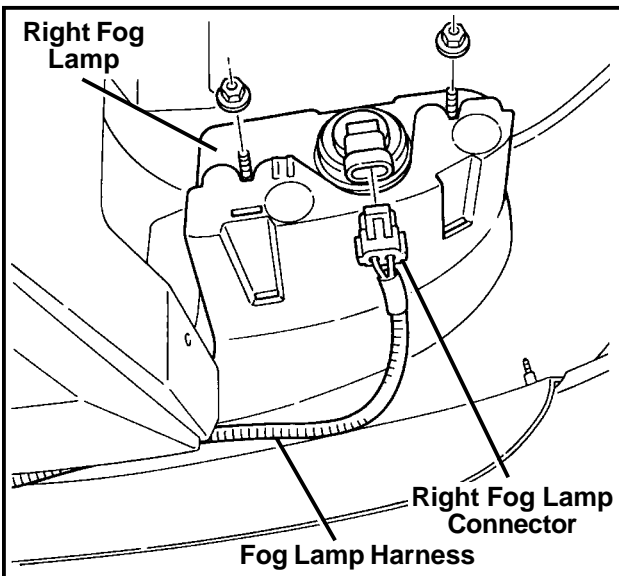
Make sure to secure the fog lamp harness away from any heated or moving parts.



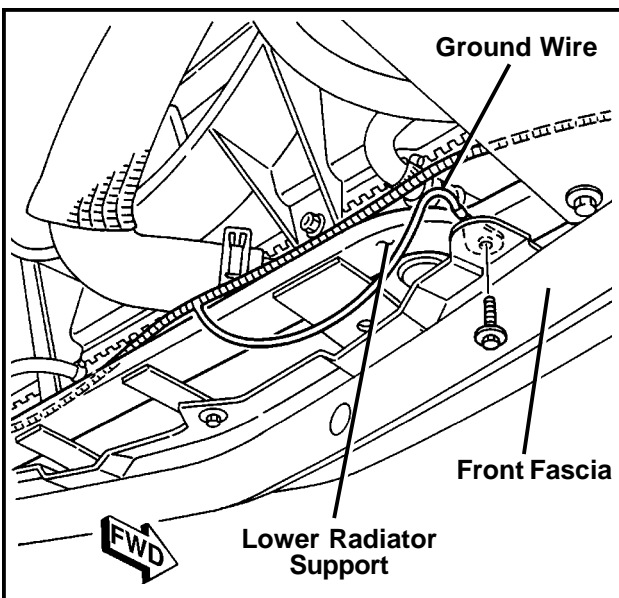
- 30) Connect and re-install the lower left I/P panel.
- 31) Carefully engage two retaining clips on the I/P top cover.
- 32) Re-install two top cover mounting screws, center cluster bezel and mounting screw, and center cover.
- 33) Re-install upper and lower steering columns shrouds and knee blocker.
- 34) Inside the engine compartment route fog lamp harness forward and down between the battery and the left inner fender.



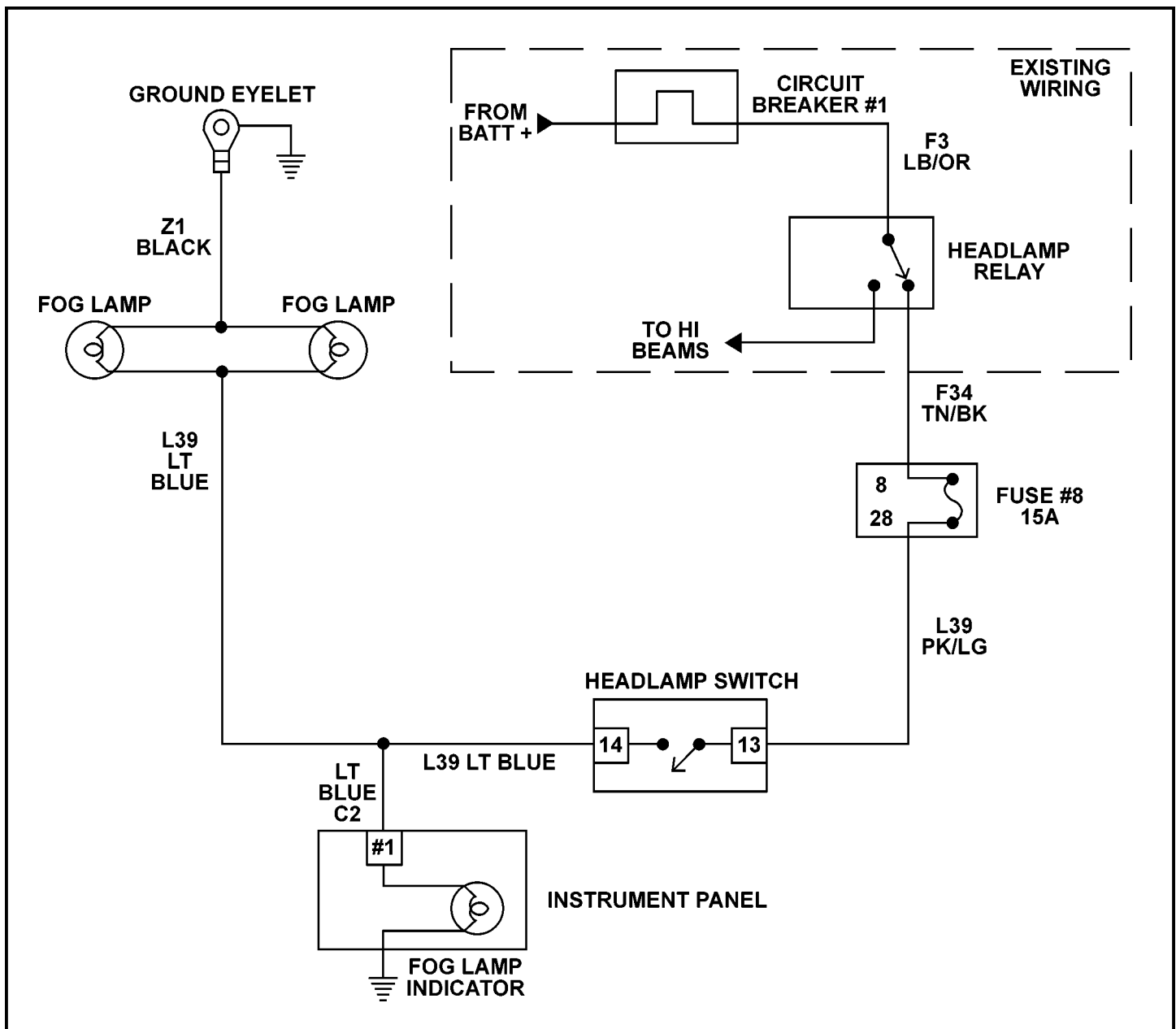
- 35) Ensure that the steering wheel is unlocked, then raise and secure the vehicle on a lift.
- 36) Position the right front tire outwards. Using a 7mm socket, remove two forward-most screws and one push-in fastener from the wheelhouse splash guard.
- 37) Using a 10mm socket, remove bolt that attaches the lower mounted horn to the right frame rail.
- 38) Disengage two snap clips that attach the right fog lamp blank to the fascia opening. Remove and discard the blank.



- 39) From inside the fascia, place right fog lamp (Item 6) into the opening as shown. Secure in place with supplied hex flange nuts (Item 7) using a 10mm socket.
- 40) Plug and lock fog lamp harness connector into right fog lamp.
- 41) Repeat procedure to install the left fog lamp (Item 8).



- 42) Using 7mm socket, install power harness ground wire to the vehicle as shown.
- 43) Tie strap power harness to the lower radiator support.
- 44) Lower the vehicle. Re-connect negative battery cable, then re-install air cleaner assembly.
- 45) Refer to the service manual for proper aiming procedure.
- 46) Test the fog lamps using procedure on Page 6.



Wiring and components shown are supplied with kit. When the fog lamp switch is closed, the switch sends 12v to the fog lamps. The 12v is supplied to the headlamp switch at pin 13 from the HI beam relay circuit. When the HI beams are turned ON, the fog and low beams turn OFF. The ground is provided by the eyelet on the lower radiator support. Power is supplied to terminal #1 on the instrument panel to light the "FOG" symbol on the display.

TEST PROCEDURE:

Fog lamps will only work with the park lamps or headlamps ON and set to LOW-BEAM. The fog lamps are turned ON when the end of the headlamp switch is pulled out. The indicator lamp in the I/P cluster will only light up if the park lamps are ON or headlamps are on LOW-BEAM and the switch is ON.