

Section II - Installation Procedure

A. Check kit for contents

- ➔ 1. Check kit for content and damage. (Fig. A1)

B. Vehicle preparation

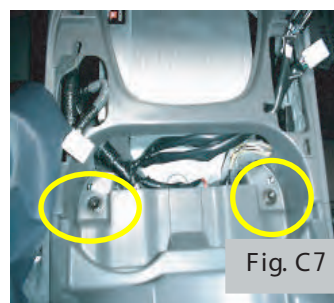
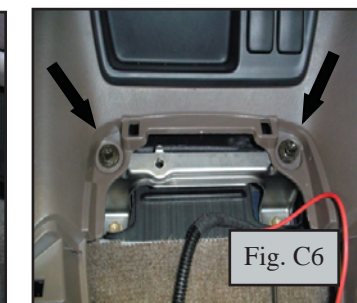
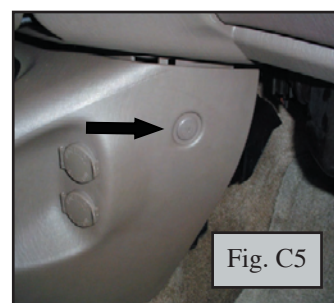
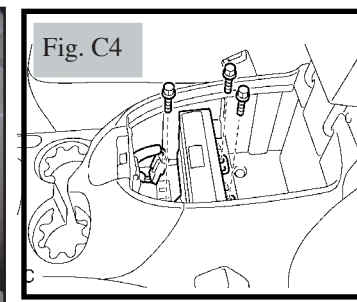
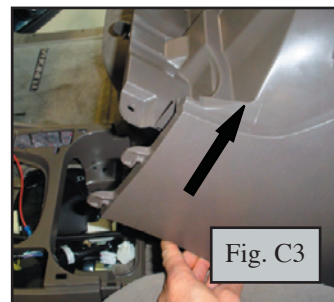
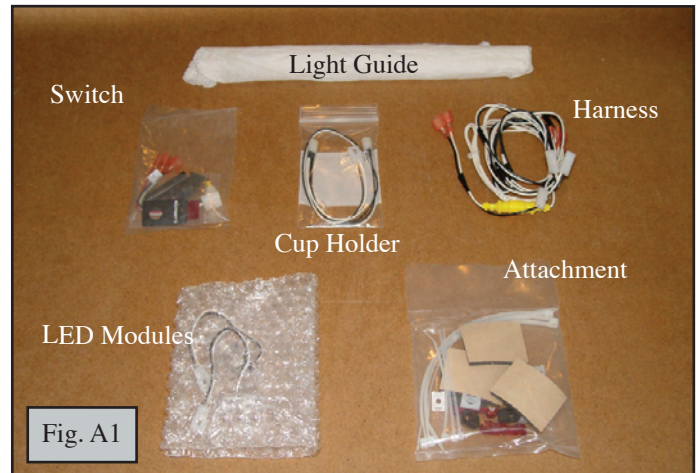
- ⚠ 1. Disconnect battery negative terminal.
- ⚠ 2. Apply protective covering to car.

C. Remove console.

- ➔ 1. Remove Center console inlay
 - i. Use panel safe tool.
 - ii. Carefully pry around edges of center console inlay (Fig. C1)
 - iii. Lift straight up and put aside.
- 2. Remove center console storage bin.
 - i. Remove CD organizer tray. (Fig. C2)
 - ii. Remove (2) 10 mm bolts below tray.
 - iii. Lift front edge of storage bin lift rear and remove from vehicle. (Fig. C3)

If equipped w/ Rear seat entertainment:

- i. Remove the disc bracket.
 - ii. Remove the 3 bolts and disc player
 - iii. Disconnect the connector (Fig. C4)
- 3. Loosen front edge of center console to facilitate harness installation.
 - i. Loosen and remove captive fasteners on both side of console. (Fig. C5).
 - ii. Remove (2) 10 mm bolts. (Fig. C6)
 - iii. Remove (2) 10 mm bolts. (Fig. C7)
 - iv. Slide console back about two inches.
 - v. Do not remove from vehicle.



D. Install Light Guide

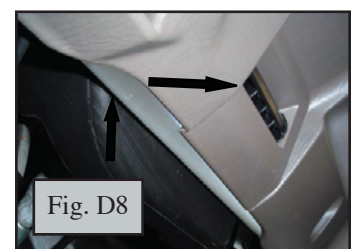
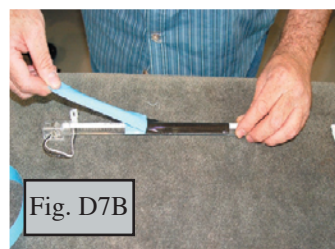
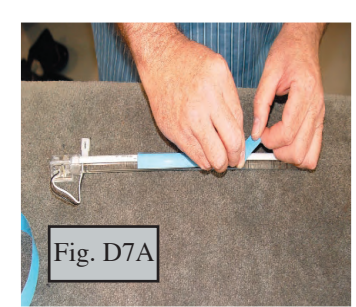
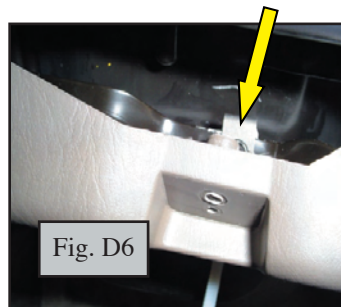
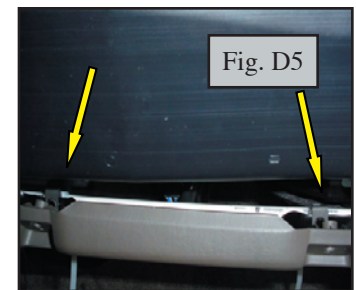
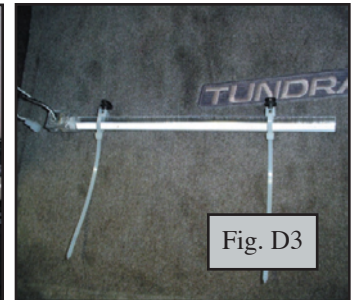
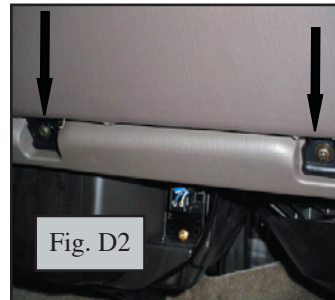
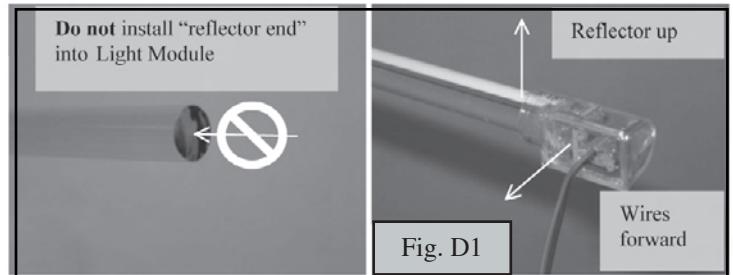
1. Attach LED module to light guide.
2. Install the light guide in the catamounts using 1/4" wire ties.
 - i. Feed the wire ties into the plastic mounts.
 - ii. Insert the light guide assemblies into the mounts. The light guide assemblies should be orientated with the white "reflector" at the top, with the LED module positioned toward the center of the vehicle. (Fig. D1)
 - iii. Fully tighten the wire ties and cut off excess when completed.
 - iv. The light guide can be re-oriented as desired.



3. Install right side light guide.
 - i. Remove (2) screws securing glove box and remove door. (Fig. D2)
 - ii. Due to the tightness of this install it is useful to loosely pre-assemble the light guide assembly as shown. (Fig. D3)
 - iii. Attach catamount to "U" nut using screws. Remove duct to gain room. (Fig. D4)
 - iv. Space clips carefully using glove box attachment point as a point of reference. (Fig. D5)
 - v. Pushing firmly, attach "U" nut and catamount to metal support piece (Fig. D6)

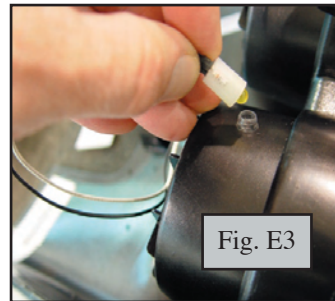
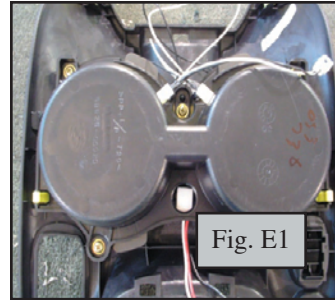


4. Install left side light guide.
 - i. Apply double stick tape as shown. (Fig. D7A & D7B)
 - ii. Pull knee bolster towards interior of car.
 - iii. Before inserting light guide make sure white strip is orient towards top.
 - iv. Carefully slip light guide assembly up into space between knee bolster and air duct. (Fig. D8)



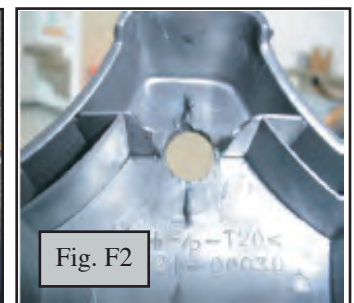
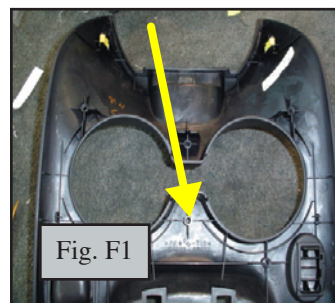
E. Install Cup Holder Lights.

1. Remove (6) screws securing cup holder to bezel. (Fig. E1)
2. Drill holes for cup holder lights
 - i. Cut out "Tundra Sequoia Cup Holder" template.
 - ii. Align template with edge as shown. (Fig. E2)
 - iii. Use punch or scribe to mark where to drill.
 - iv. Drill pilot holes with 1/8" drill bit. (OPTIONAL)
 - v. Drill the lamp hole with a 9/32" drill bit.
 - vi. De-burr holes with de-burring tool.
3. Insert lens from inside of cup holder.
4. From the back of the cup holder, install the LED's onto the lenses. Press firmly while holding the Lens from the inside (Fig. E3)

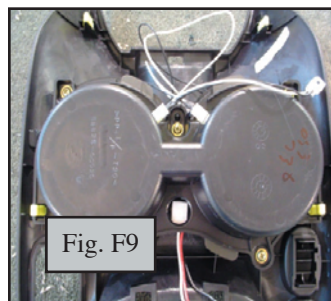
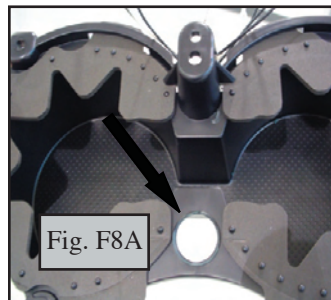
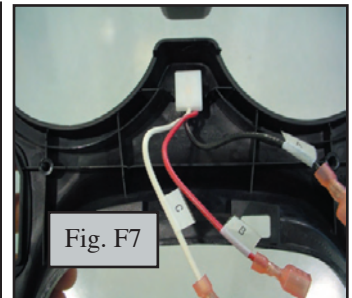
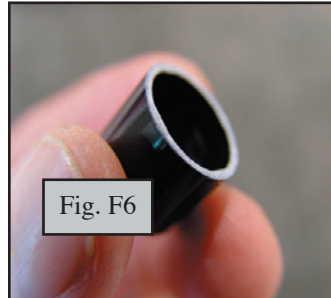
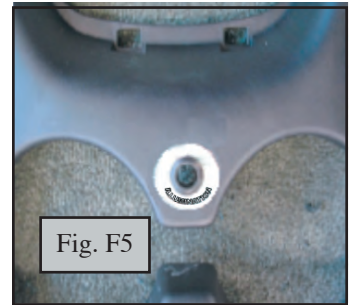
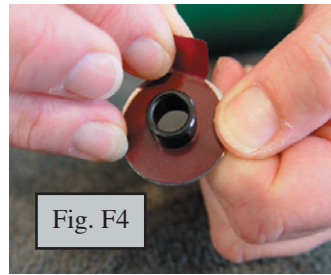


F. Install Switch in Center Console Inlay.

1. Drill hole for switch.
 - i. Use screw hole indicated as drill guide. (Fig. F1)
 - ii. Using a 1/2" drill bit (Unibit or step drill is highly recommended), drill the switch hole. Remove plastic ribs if needed. (Fig. F2)
2. Clean console surface to remove grease and wax.
 - i. Wipe the application area clean with alcohol and a clean no-scratch cloth
 - ii. Dry the installation area using a clean, dry, lint free cloth.
3. Insert switch bezel into switch plate. (Fig. F3)

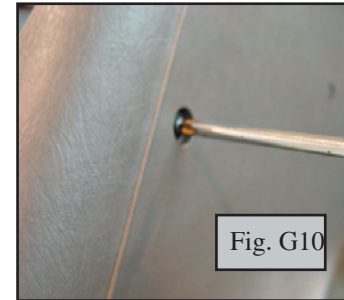
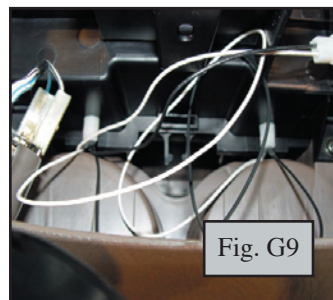
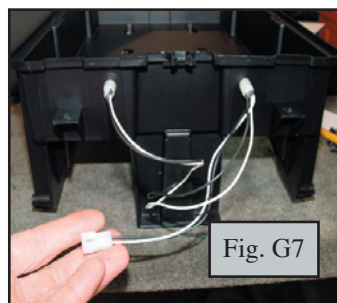
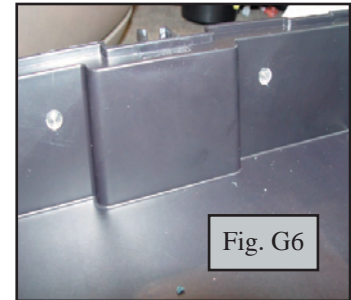
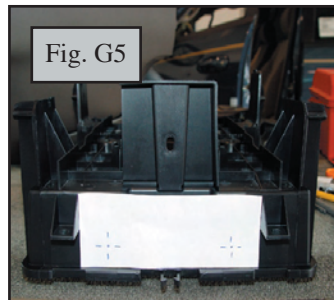
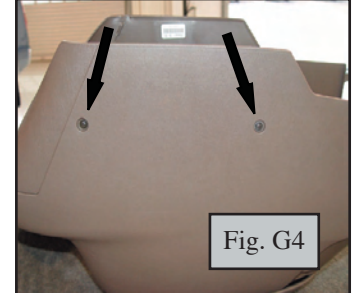
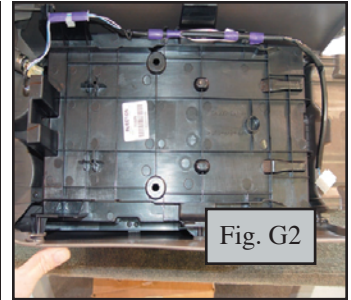
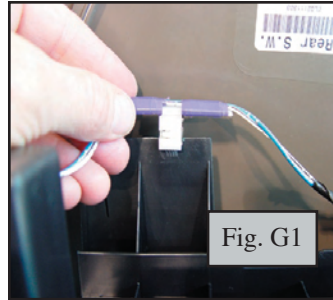


4. Using the pull-tab, remove the tape liner from the back of the switch plate. (FIG. F4)
 - i. Avoid finger contact with the adhesive.
5. Using the bezel as a guide, install switch plate into the previously drilled 1/2" hole.
 - i. Align the printing "ILLUMINATION" square to the console. (FIG. F5)
 - ii. Once aligned, press down firmly to adhere tape.
6. Install sleeve to bezel.
 - i. The "white" ink end of the sleeve must be installed against the console. (FIG. F6)
 - ii. If overlay applied remove 1/8" of black-end of sleeve with sandpaper
7. Install switch to bezel as shown. (Fig. F7))
 - i. Turn switch clockwise to tighten.
 - ii. Be careful not to over tighten as this will "over ride" the threads on the switch. If this happens simply retighten being careful not to over tighten.
8. Insert push button into bezel pressing to engage.
9. Cut out screw hole indicated using cutters and nippers, allow clearance for back side of switch. Cut edges away from tower if needed.(Fig. F8A and F8B)
10. Reinstall (5) screws (Fig. F9)



G. Install Storage Box Lights

1. Disconnect wire harness that supplies rear accessory outlet. (Fig. G1)
2. Remove (8) screws from bottom of storage box. (Fig. G2)
3. Remove rear air control panel. (If equipped)
4. Remove (2) screws from either side of storage box. (Fig. G4)
5. Separate bottom from top half, and place as shown. (Fig. G5)
6. Install storage box lights.
 - i. Cut out "Tundra/Seq. storage box" template.
 - ii. Align template with lower edge and center. (Fig. G5)
 - iii. Use a punch/scribe to mark the center of the hole to be drilled.
 - ➔ iv. Drill pilot holes with 1/8" drill bit (OPTIONAL)
 - v. Drill the lamp hole with a 9/32" drill bit.
 - vi. De-burr holes with de-burring tool.
7. Insert lens from inside storage box. (Fig. G6)
8. From the back of the storage box install the LED's onto the lenses. Press firmly while holding the Lens from the inside. (Fig. G7)
9. Reassemble storage box.
 - i. Replace bottom half. It helps to place all the screws in place ahead of time before lowering bottom assembly. (Fig. G8)
 - ➔ ii. Be careful not to bump LED assemblies on housing. (Fig G9)
 - iii. Replace (2) screws on either side. (Fig. G10)
10. Attach "Y" connector to storage box LED assembly.
11. Run leads forward towards front of vehicle and



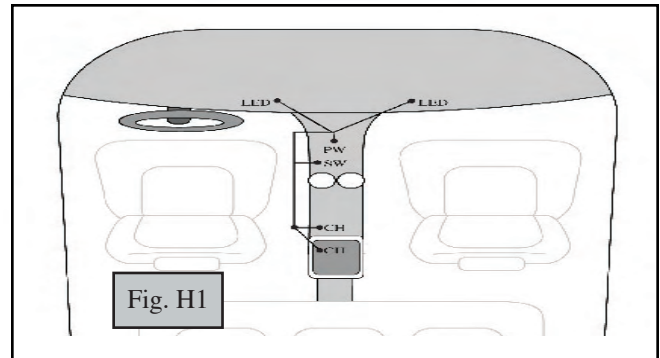
use small cable ties to secure alongside existing harness. (Fig. G10)

11 Lead to power and cup holder LED assembly will exit from front of console. (Fig G11)



H. Install harness

1. Lay out harness as shown and identify connectors. (Fig. H1)
2. Bulk of harness will reside under center console inlay
3. Locate power.
 - i. (D-Cab & Sequoia)Locate connector below center console inlay. (Fig. H2a)
 - ii. (C-Cab)Locate connector front of center console. (Fig. H2b)
 - iii. (Sequoia)Locate connector in center console. (Fig. H3)



TUNDRA C-CAB CONNECTOR P7 (Fig. H4)

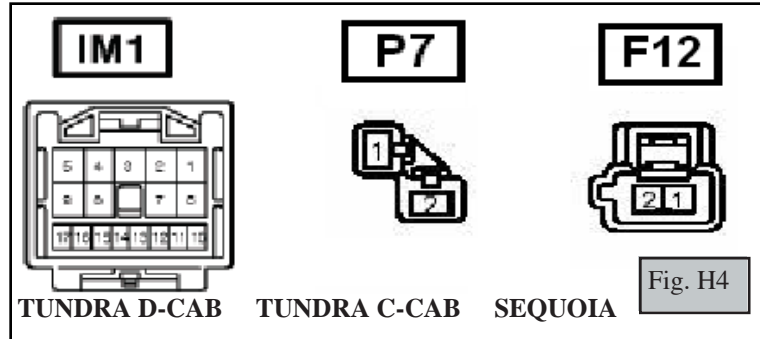
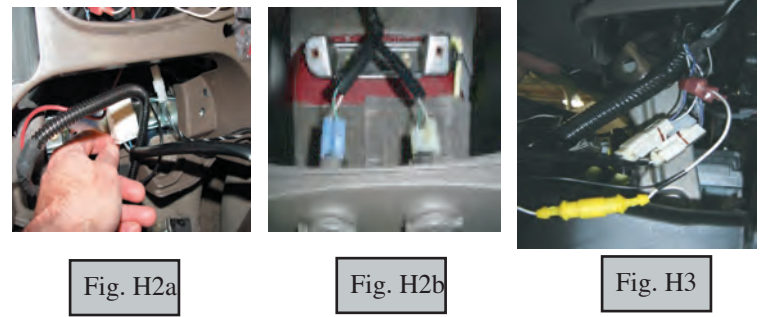
- iii. Pin #1 white/black wire ground (-)
- iv. Pin #2 green/black 12 volt (+)

TUNDRA D-CAB CONNECTOR IM1 (Fig. H4)

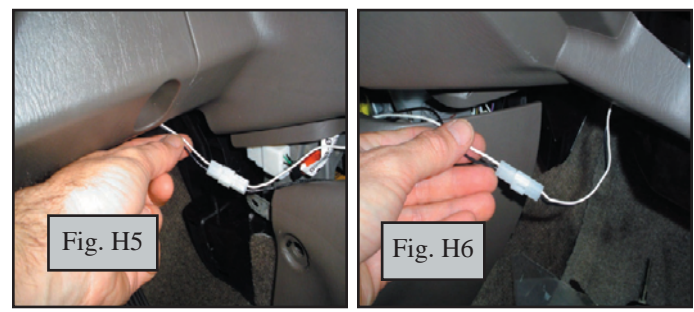
- iv. Pin #8 white/black wire ground (-)
- v. Pin #7 blue/white 12 volt (+)

SEQUOIA CONNECTOR F12 (Fig H4)

- v. Pin #2 white/black wire ground (-)
- vi. Pin #1 blue/red 12 volt (+)

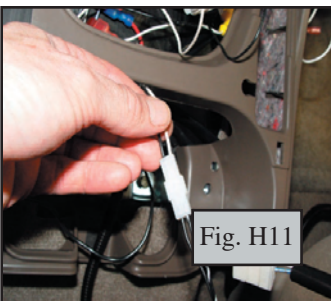
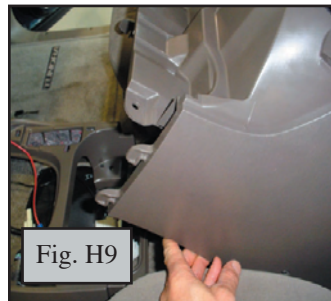
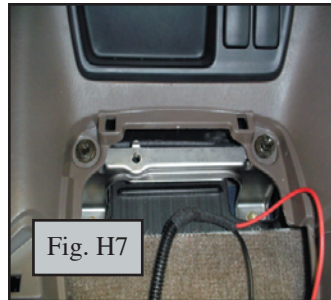


4. Attach harness to LED modules.
 - i. Attach left side light guide. (Fig. H5)
 - ii. Attach right side light guide. (Fig. H6)
 - iii. Make sure wires will be hidden from view when center console is secured.
5. Attach harness to power. (Fig. H3)
 - i. Black wire on harness to ground (-).
 - ii. White wire on harness to 12 volt (+).



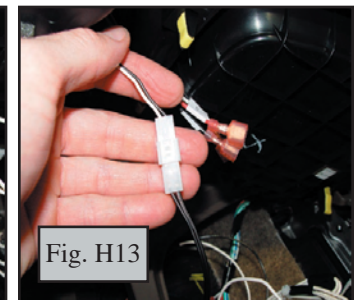
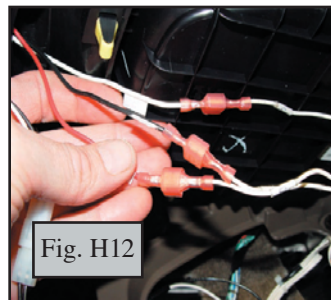
Section II - Installation Procedure

6. Reinstall center console
 - i. Slide console forward.
 - ii. Secure (2) 10 mm bolts. (Fig. H7)
 - iii. Secure (2) captive screws on either side. (Fig. H8)
- 7 Reinstall Rear half of center console making sure that the “Y” adapter leads are pointed forward. (Fig. H9)
8. Bring “Y” adapter lead forward and route under “bridge “ in center console. (Fig. H10)
9. Attach “Y” adapter to main harness. (Fig. H11)
10. Tie wrap excess wire as needed.
- 11 Reinstall center console insert
 - i. Attach switch leads . They are labeled to indicate connection. (Fig. H12)
 - ii. Attach cup holder lead (Fig. H13)
 - iii Gently press insert into place



M. Post Installation

1. Reinstall interior.
2. Re-attach negative battery terminal & torque to 36 in. lbs.
3. Clean Light Guides with window cleaner and a non-scratch cloth.
4. Cycle test the system with the key in the ACC or ON position. The cycle may start from any step below but should cycle in this order.
 - i. All lights off.
 - ii. Cup holder lights on only.
 - iii. All lights on.
 - iv. Interior Light on only.
 - v. Back to step “i”.
5. The switch should be cycled to step “i” (all lights off) for shipment.



6. Place information card in glove box.

Check:	Look for:
Single Unoperational Module	Full engagement of affected LED module to LED wire harness pigtail connector. Light guide inserted incorrectly (wrong end)
No Operational Modules	Full engagement of all LED module to LED wire harness pigtail connectors. Power connection. Ground connection Switch connections Blown light kit fuse. (2 amp located under center console) Blown shift console illumination fuse (see
Seat heater switches	Operation of seat heaters (low & high operation)
Power mirror switches	Power operation of outside mirrors

Tundra C & D-Cab/Sequoia Storage Box

