

Section II - Installation Procedure

A. Check kit for contents

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

B. Vehicle preparation

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

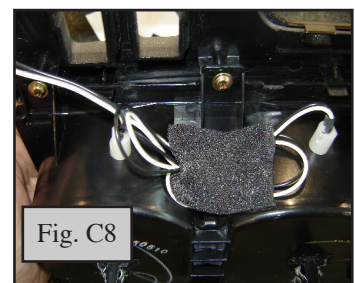
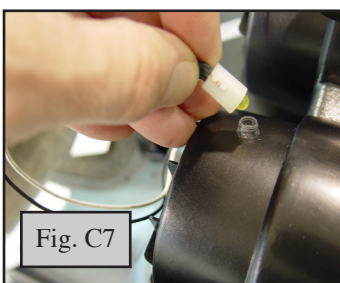
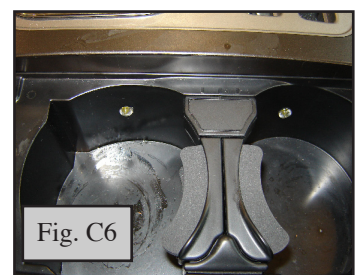
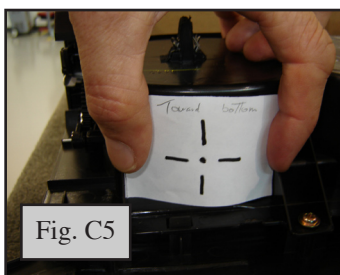
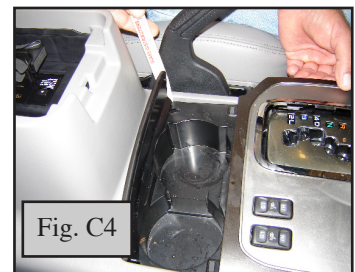
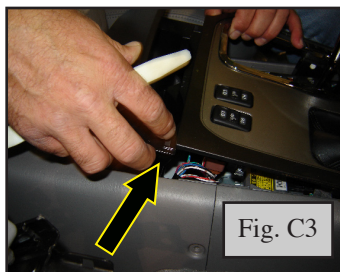


C. Install Cup Holder Lights.

- 1. Remove center console inlay
 - i Unscrew and remove knob. (Fig. C1)
 - ➔ ii. Use panel safe tool.
 - iii. Pry around center console and carefully lift. (Fig. C2)
 - iv. Disconnect leads to center console inlay. (Fig. C3)
 - v. Remove from vehicle and place aside.
 - vi. Remove cup holder assembly place on work bench. (Fig. C4)
- 2. Drill cup-holder lamp holes.
 - i. Cut out template labeled “Land Cruiser cup-holder lamp” template.
 - ii. Align template with edge as shown. (Fig. C5)
 - iii. Make sure lamp placement will appear as shown in completed installation. (Fig. C6)
 - iv. Use punch or scribe to mark where to drill.

- ➔ v. Drill the lamp hole with a 9/32” drill bit.
- vi. De-burr holes with de-burring tool.

- 3. From the back of the cup holder, install the LED’s onto the lenses. Press firmly while holding the Lens from the inside. (Fig. C7)
- 4. Secure wires with foam pad as shown. (Fig. C8)



Section II - Installation Procedure

D. Install center console lighting

1. Remove rear cup holder assembly
 - i. Slide cup holder out.
 - ii. Swing lower half of cup holder up and out of the way. (Fig. D1)
 - iii. Remove two (2) 8mm bolts located towards rear of assembly. (Fig. D2)
 - iv. Remove cup holder assembly and put aside.

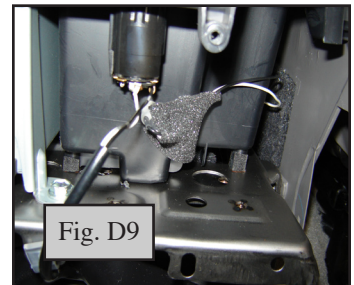
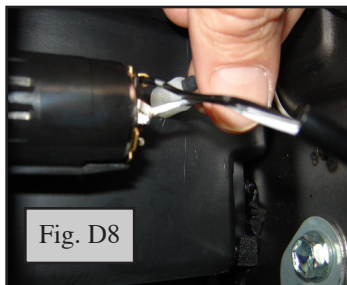
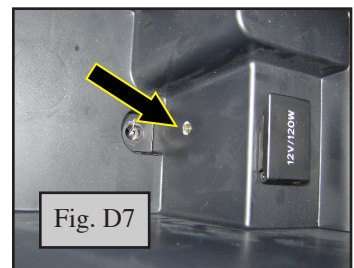
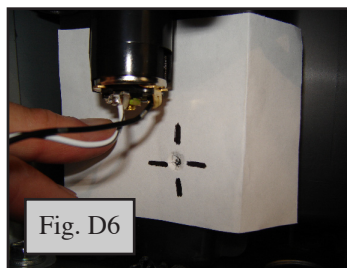
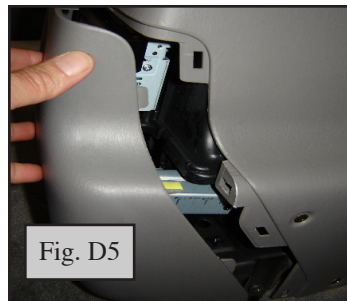
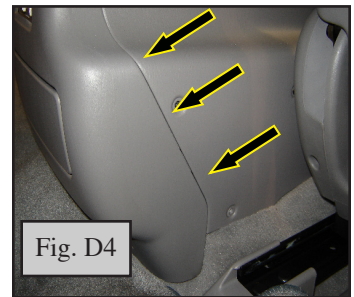
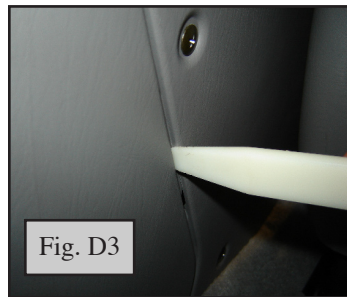
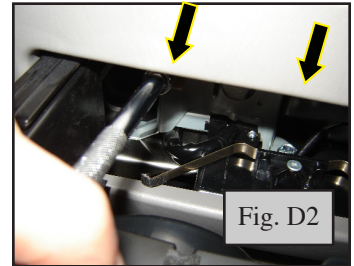
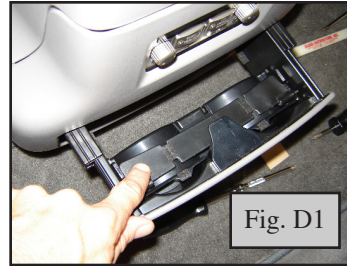
2. Remove rear panel of center console.
 - i. Use panel safe tool. (Fig. D3)
 - ii. Pry around edge of rear panel. (Fig. D4)
 - iii. Pull rear panel straight back and remove from vehicle. (Fig. D5)

3. Drill lamp hole toward rear of console.
 - i. Cut out template labeled “rear storage box lamp”.
 - ii. Align template as shown. (Fig. D6)
 - iii. Use punch or scribe to mark where to drill.
 - iv. Drill the lamp hole with a 9/32” drill bit.
 - v. De-burr holes with de-burring tool.

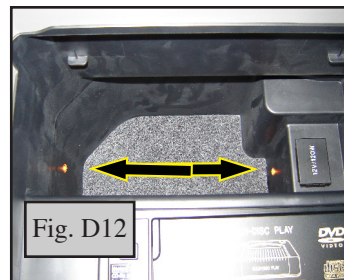
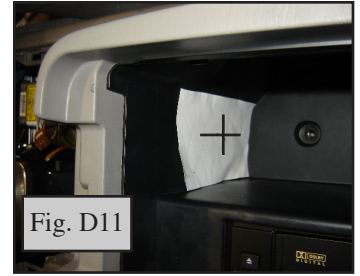
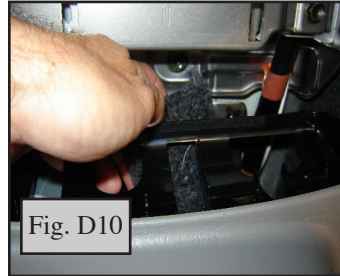
4. Insert lens from inside of storage box. (Fig. D7)

5. Install the LED’s onto the lenses. Press firmly while holding the Lens from the inside. (Fig. D8)

6. Secure pads with foam pad as shown. (Fig. D9)



7. Drill front for front storage box light.
 - i. Remove insulation. (Fig. D10)
 - ii. Cut out template labeled “front storage box lamp”, place in storage box as shown. (Fig. D11)
 - iii. Use a punch/scribe to mark the center of the hole to be drilled.
 - iv. Drill lamp hole with “9/32” drill bit.
 - v. De-burr holes with de-burring tool.
8. Insert lens from inside storage box. (Fig. D12)
9. From the outside of the storage box install the LED's onto the lenses. Press firmly while holding the Lens from the inside.



Section II - Installation Procedure

E. Install Drivers Side Light Guide

1. Install drivers side light guide.

➔ 2. Drill 1/8" hole in left side of air duct, use seam in duct as a guide for alignment (Fig. E1)

i. Hole should be drilled where seam changes angle as shown. (Fig. E2)

➔ 3. Drill 1/8" hole on right side of duct 8 inches to the right of the first hole using the seam as an alignment guide. (Fig. E3)

4. Insert screw into catamounts and thread into holes. (Fig. E4)

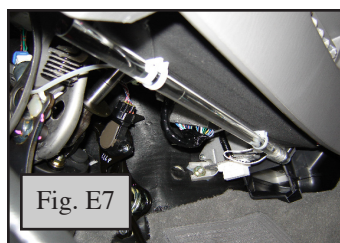
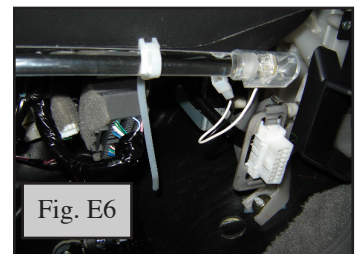
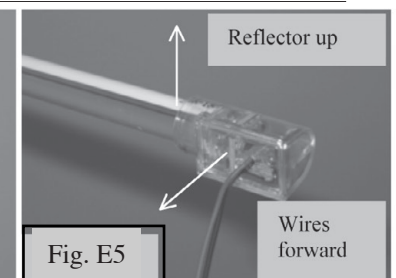
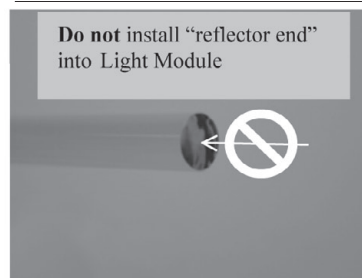
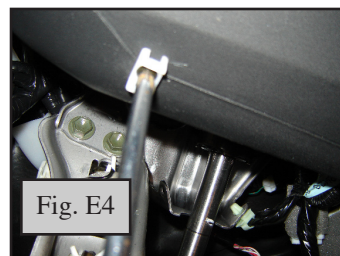
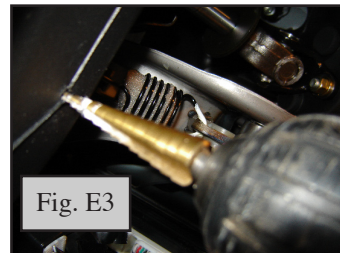
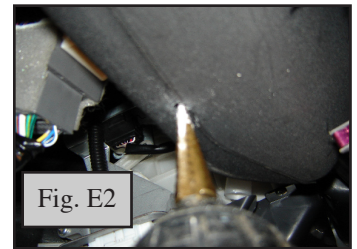
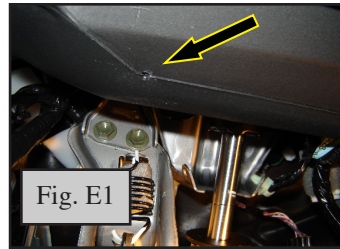
5. Install the light guide in the catamounts using 1/4" wire ties.

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. E5)

iii. Fully tighten the wire ties and cut off excess when completed. (Fig. E6)

iv. The light guide can be re-oriented as desired. (Fig. E7)



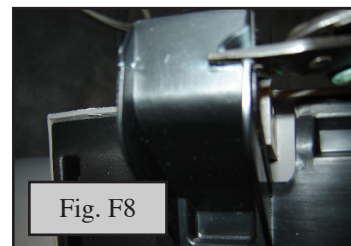
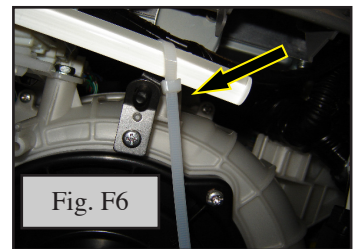
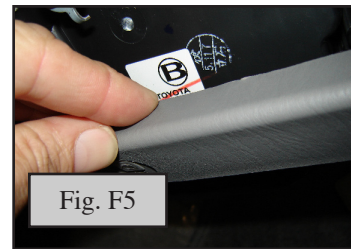
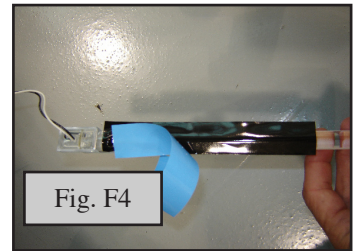
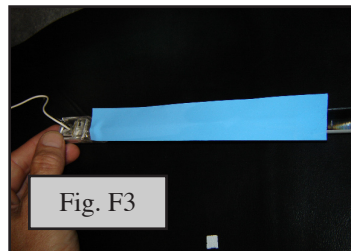
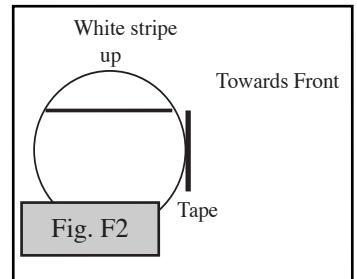
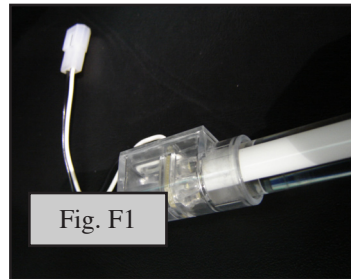
F. Install Passenger Side Light Guide

1. Remove Glove box to aid installation
2. Attach LED module to light guide. (Fig. F1)
3. Carefully study orientation of reflector and adhesive before applying adhesive. (Fig. F2)
4. Apply double stick tape to light guide



- i. Remove backing and orient tape as shown in drawing. (Fig. F3)
- ii. Reflector will at top with tape towards front of vehicle.
- iii. Insert Light Guide
- iv. Remove secondary backing. (Fig. F4)
- v. Pulling lower frame of glove box forward. (Fig. F5)
- vi. Verify that white stripe is oriented towards top.
- vii. Insert light guide between frame and A.C. evaporator. (Fig. F6)

5. Secure right side of light guide.
 - i. Located blower bracket.
 - ii. Secure light guide with 1/4" cable tie.
 - iii. Cut off excess cable tie.
6. Cut off left side "finger" of glove box. (Fig. F8)
7. Reinstall glove box .



Section II - Installation Procedure

G. Install Switch in Center Console Inlay.

1. Drill hole for switch.
 - i. Cut out template named "Land Cruiser Switch".
 - ii. Remove switches to aid installation.
 - iii. Orient template as shown (Fig. G1)
 - iv. Using a 1/2" drill bit (Unibit or step drill is highly recommended), drill the switch hole. (Fig. G2)
2. Clean console surface to remove grease and wax.
 - i. Wipe the application area clean
3. Insert switch bezel into switch plate. (Fig. G3)
4. Using the pull-tab, remove the tape liner from the back of the switch plate. (Fig. G4)
 - i. Avoid finger contact with the adhesive surface.
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. G5)
 - ii. Once aligned, press down firmly to adhere tape.
6. Install sleeve to bezel.
7. Install switch to bezel as shown.
 - i. The "white" ink end of the sleeve must be installed against the console. (Fig. G6)
 - i. Use "Switch Tool" to turn bezel 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.

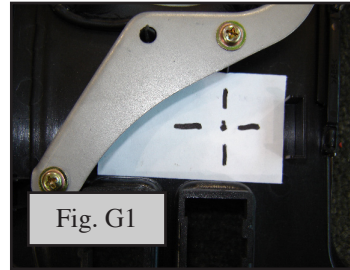


Fig. G1

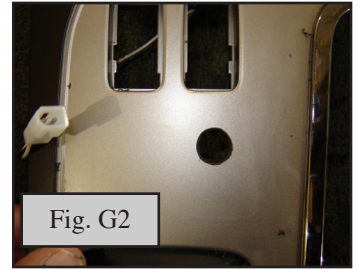


Fig. G2



Fig. G3



Fig. G4



Fig. G5

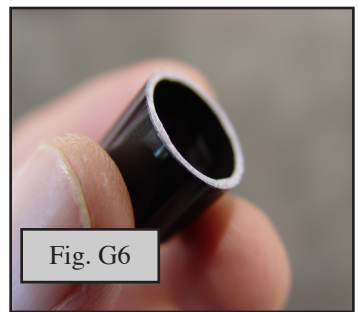
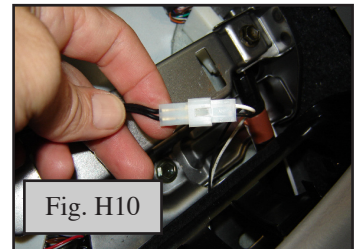
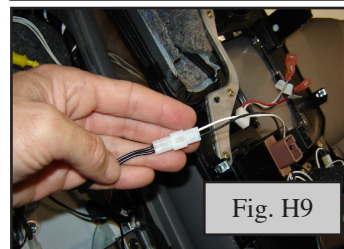
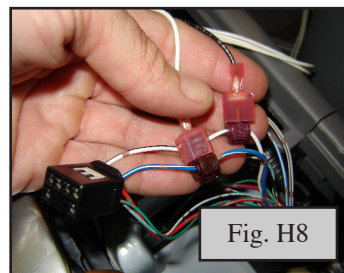
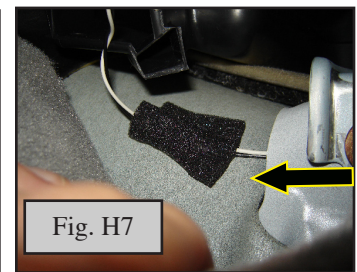
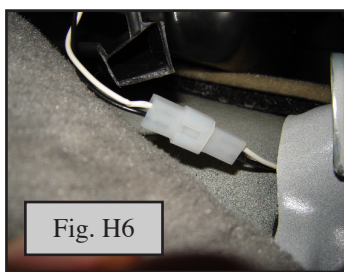
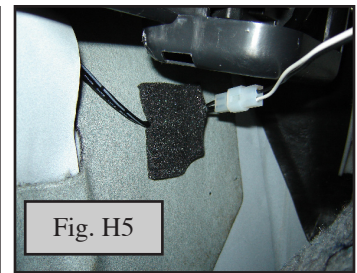
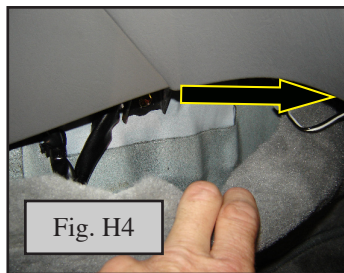
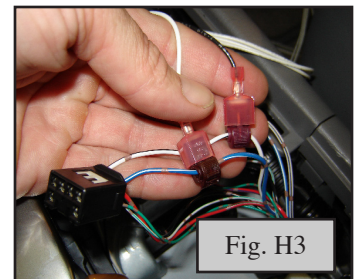
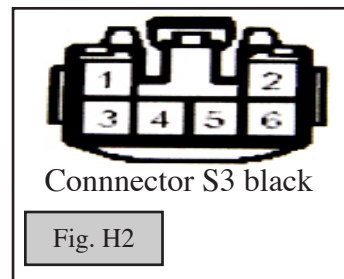
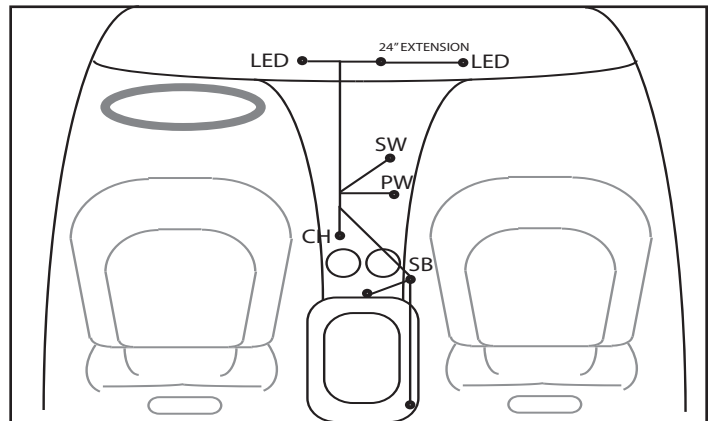


Fig. G6

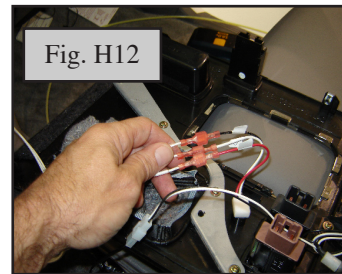
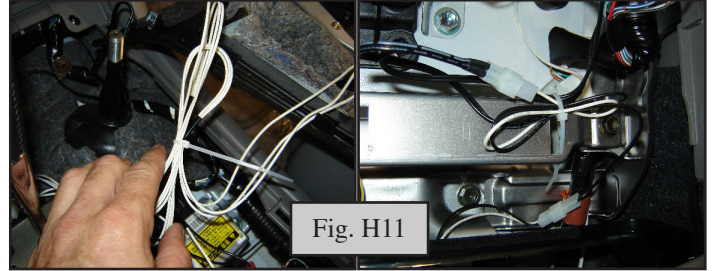
Section II - Installation Procedure

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. Locate Seat heater switch connector inside storage area in forward bezel. Pin 6 wh/blk Pin 4 bl/wh. (Fig. H2)
 - ii. Install T-taps in staggered fashion. (Fig. H3)
3. Route leads.
 - i. Lay harness in lower half of center console
 - ii. Leave power and switch leads in cent of console.
 - iii. Route LED module leads forward to left side of center. Pull carpet back to aid installation. wire. (Fig. H4)
 - iv. Attach lead to LED module, secure with foam pad. (Fig. H5)
 - v. Route LED module leads forward to right side of center. Attached 2 foot lead to Passenger side LED module lead and route as shown.
 - vi. Pull carpet back to aid installation. wire. (Fig. H6)
 - vii. Attach lead to LED module, secure with foam pad. (Fig. H7)
4. Attach harness to power. (Fig. H8)
 - i. Black wire on harness to wt/blk, connector S3 pin 6. (Fig. H2)
 - ii. White wire on harness to bl/wh, connector S3 pin 4. (Fig. H2)
5. Attach "Y" adapter to cupholder lead on harness. (Fig. H9)
6. Attach "Y" adapter to center console lights. (Fig. H10)



7. Bundle up and secure any excess wire. (Fig. H11)
8. Attach switch to harness. (Fig. H12)
9. Attach any leads and reinstall center console. (Fig. H13)



I. Post Installation

1. Reinstall the interior.
2. Re-attach battery negative terminal, torque to 36 inch pounds.
3. Clean light guides using window cleaner and a non-scratch cloth.
- ▼ 4. Cycle test all 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:

Single Unoperational Module

No Operational Modules

Look for:

Full engagement of affected LED module to LED wire harness pigtail connector.

Light guide inserted incorrectly (wrong end)

Full engagement of all LED module to LED wire harness pigtail connectors.

Power connection.

Ground connection

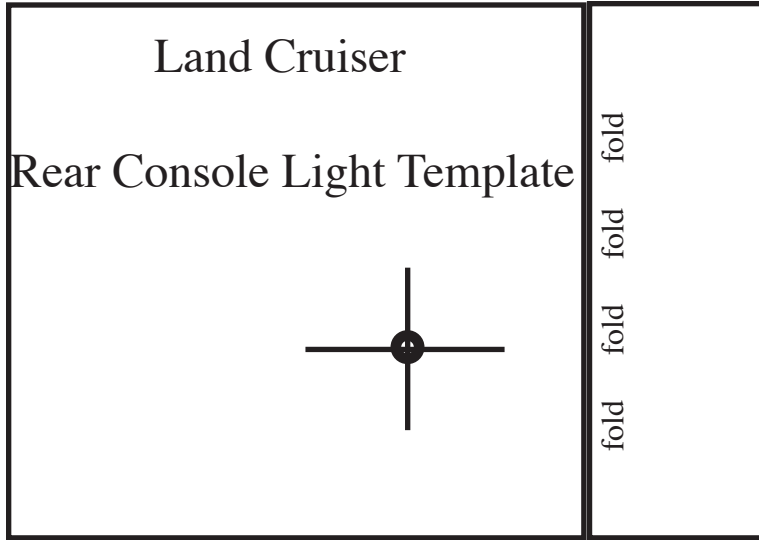
Switch connections

Blown light kit fuse. (2 amp located under center console)

Blown shift console illumination fuse (see

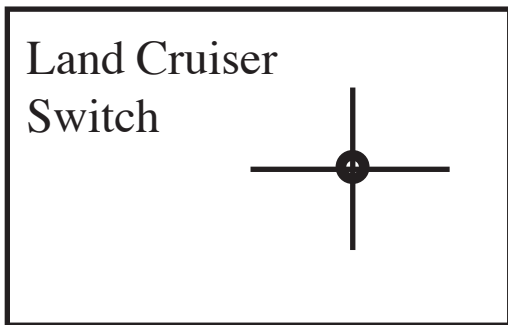
VEHICLE FUNCTION CHECK

AFTER ALL PANELS, COVERS, AND COMPONENTS HAVE BEEN REINSTALLED, THAT WERE REMOVED, TEST THOROUGHLY, ALL MECHANICAL AND ELECTRICAL COMPONENTS DISCONNECTED AND OR REMOVED FROM THE VEHICLE DURING THE INSTALLATION OF THIS ACCESSORY.



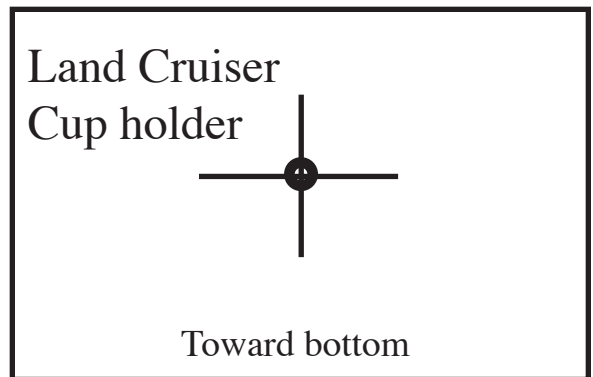
Land Cruiser

Rear Console Light Template



Land Cruiser

Switch Template



Land Cruiser

Cup holder

