

Table of Contents

I. Preparation 1-2

 1. Table Of Contents.....2

II. Procedure.....3-9

 1. Vehicle Preparation.....3

III. Checklist5

 1. Accessory Function Checks10

 2. Vehicle Function Checks.....10

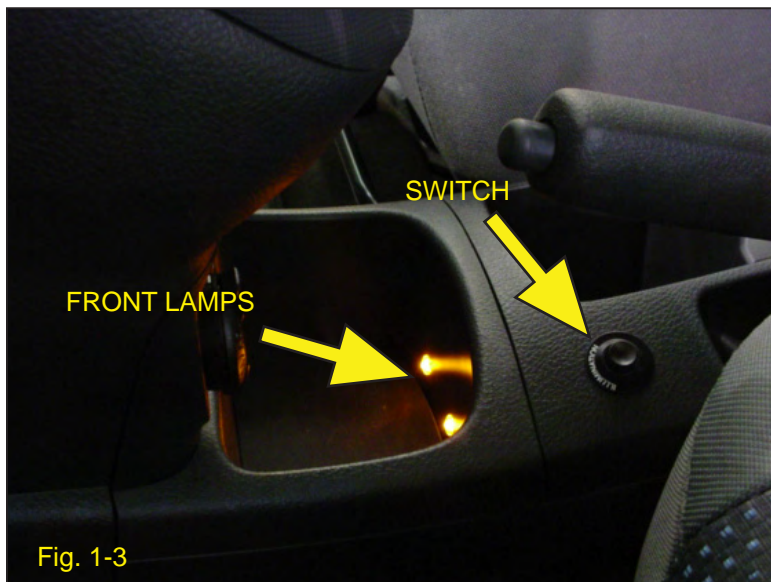
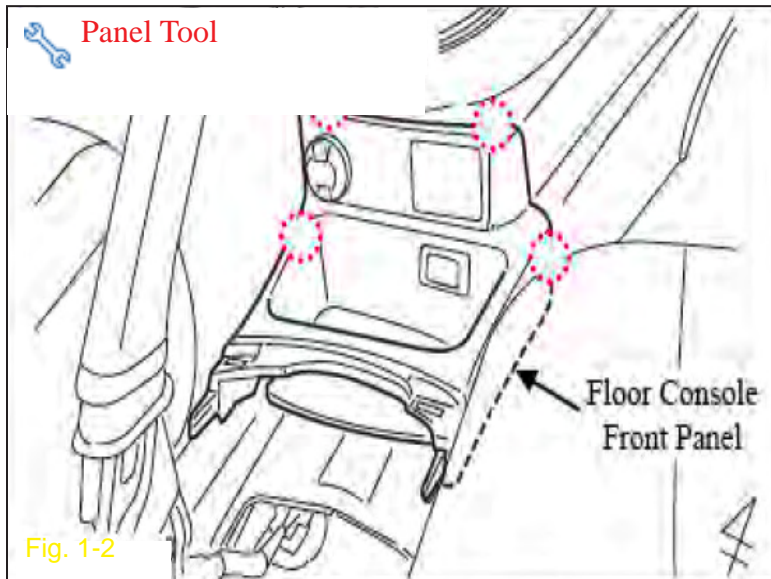
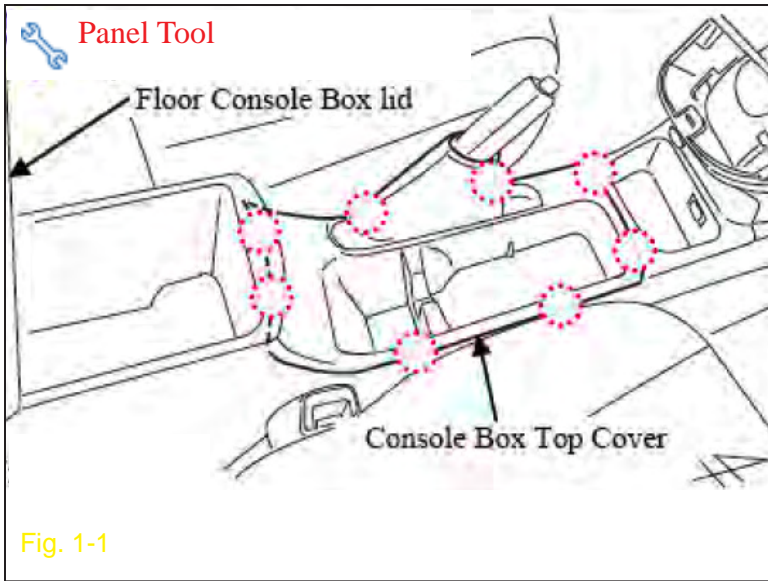
Accessory Installation Practice (read before installation)

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the “Accessory Installation Practices” document.

This document covers such items as:

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.)
- Safety (eye protection, checking torque procedure, etc.)
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.)
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.)



1. Check Kit Contents

- a. Check kit for content and damage.

2. Vehicle Preparation



- a. Remove battery negative terminal.

CAUTION: do not touch the positive terminal with any tool during removal

- b. Apply protective covering to vehicle.

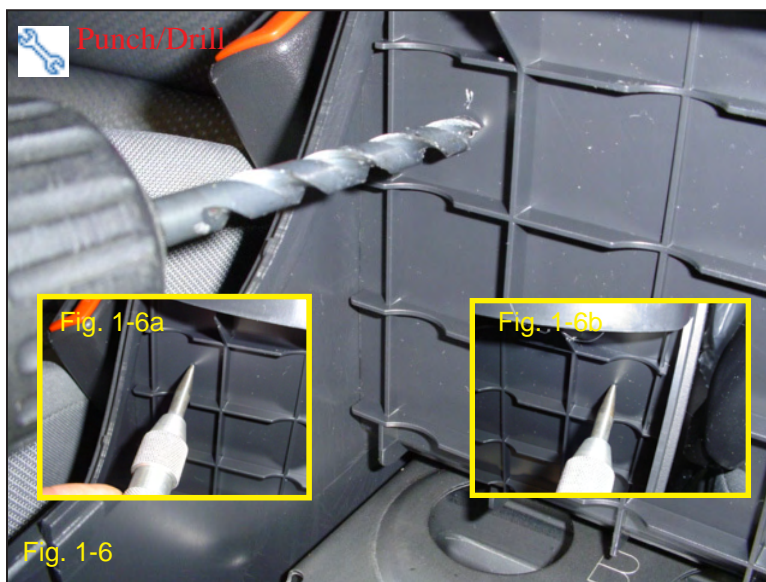
3. Remove Center Console



- a. Set parking brake.
- b. Use panel safe tool.
- c. Pry around edge of center console panel as indicated. (Fig. 1-1)
- d. Lift center console surround and remove from vehicle.

4. Remove Rear storage bin

- a. Pry around edge of rear storage bin as indicated. (Fig. 1-2)
- b. Lift rear storage bin and remove from vehicle. (Fig. 1-2)
- c. To aid in installation final installation of lamps in forward storage box will appear as shown. (Fig. 1-3)
- d. Also note orientation and location of switch and bezel. (Fig. 1-3)



5. Install Front Storage Lights

a. Drill holes for front storage box lights.

1. Cut out enclosed paper template labeled "Front Storage Lights"

2. Orient front storage box as shown. (Fig. 1-4)



3. Use a punch/scribe to mark the center of the hole to be drilled. (Fig. 1-4a)

4. Drill pilot holes with 1/8" drill bit. (Fig. 1-5)

5. Drill the lamp hole with a 9/32" drill bit.

6. De-burr holes with de-burring tool. Install lens from inside of cup holder.

b. Insert Lens from inside of cup holder.

c. Firmly press body of lamp onto lens. (Fig. 1-5a)

d. Secure excess wire with foam pad. (Fig. 1-5a)

6. Install Rear Storage Lights

a. Drill holes for storage lights

1. Visually center punch using the molded grid as reference. (Fig. 1-6a,b)



2. Use a punch/scribe to mark the center of the hole to be drilled.

3. Drill pilot holes with 1/8" drill bit.

4. Drill the lamp hole with a 9/32" drill bit. (Fig. 1-6)

5. De-burr holes with de-burring tool.

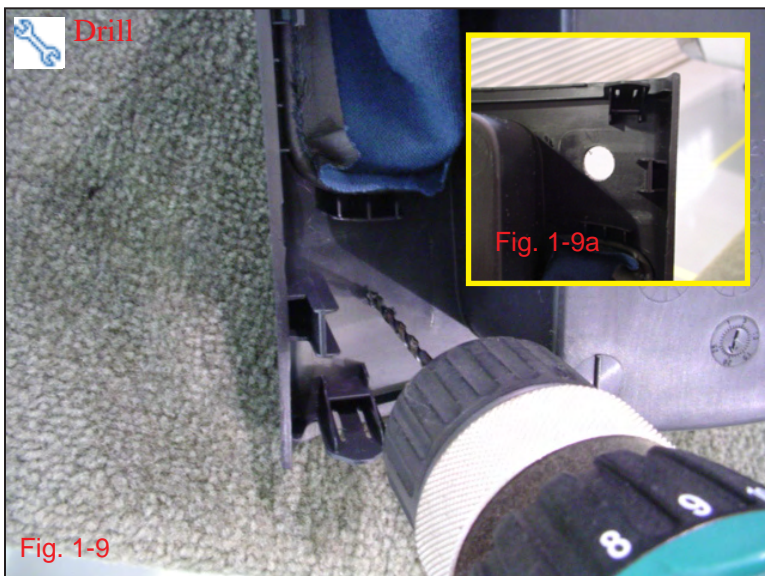


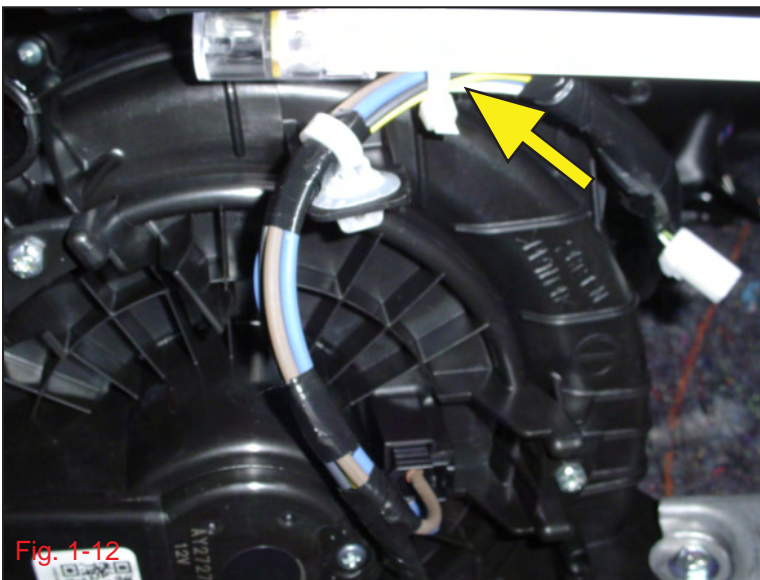
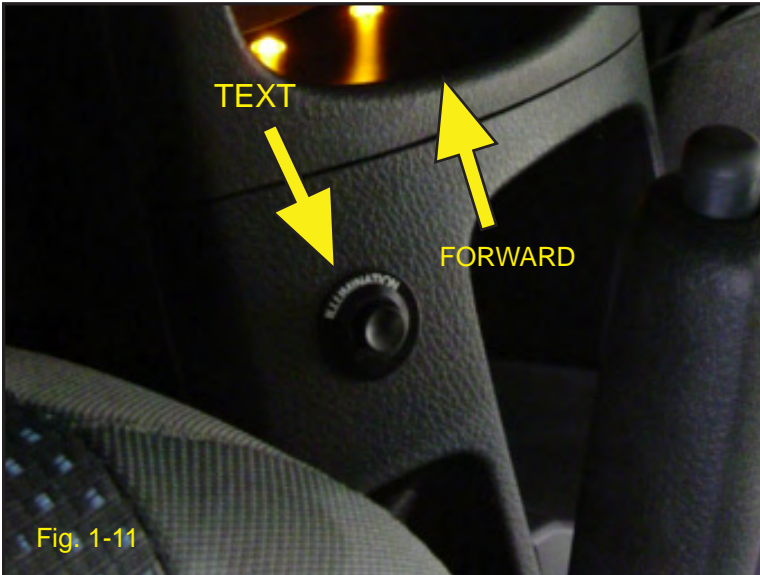
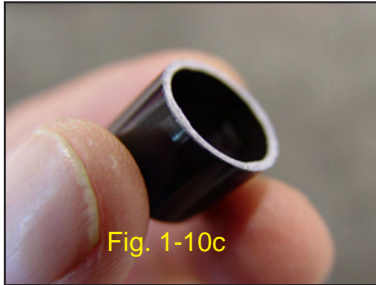
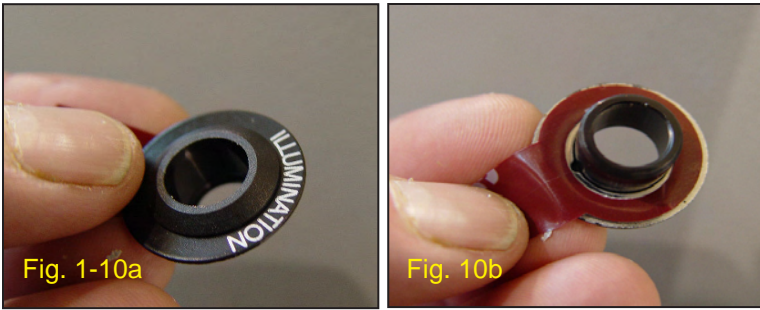
- b. Insert Lens from inside storage box
 - c. Firmly press body of lamp onto lens.
 - d. Secure lamp leads.
1. Using foam pads secure lamp leads to partition wall. (Fig. 1-7)
 2. Finished installation will appear as shown. (Fig. 1-7a)




7. Install power Switch

- a. Drill hole for switch
 1. Cut out enclosed paper template labeled "Power Switch"
 2. Use a punch or scribe to mark center of the hole to be drilled. (Fig. 1-8)
 3. Using a 1/2" drill bit (Unibit or step drill is highly recommended), drill the switch hole. (Fig. 1-9,a)
- b. Clean bezel surface to remove grease and wax.
 1. Wipe the application area clean with alcohol and a clean no-scratch cloth.
 2. Dry the installation area using a clean, dry, lint free cloth.
- c. Insert switch bezel into switch plate. (Fig. 1-10a)
- d. Using the pull-tab, remove the tape liner from the back of the switch plate. (Fig. 1-10b)
 1. Avoid finger contact with the adhesive surface.
- e. Using the bezel as a guide, install switch plate into the previously drilled 1/2" hole.

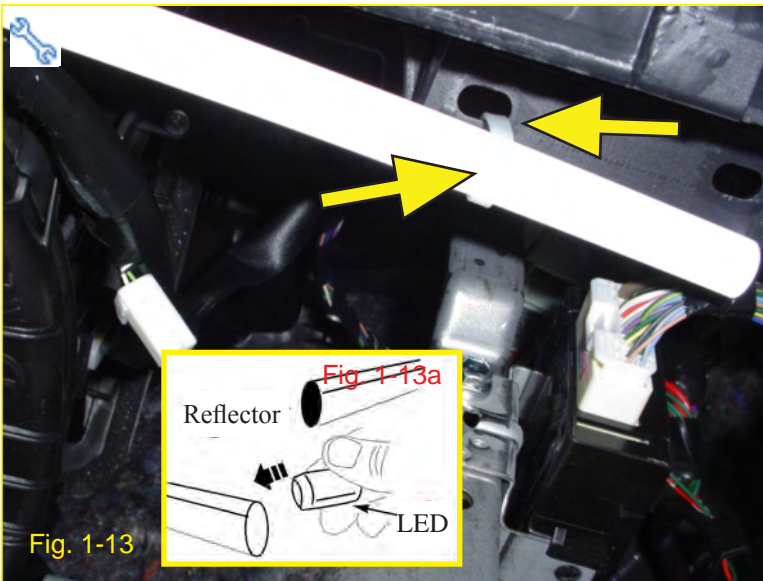




1. Align the printing “ILLUMINATION” square to the console. (Fig. 1-11)
2. Once aligned, press down firmly to adhere tape.
-  f. Install Sleeve to bezel, white edge of sleeve goes towards console. (Fig. 1-10c)
- g. Install switch to bezel.
 1. Using switch tool turn bezel clockwise to tighten.
 2. Be 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.
 3. Push button into bezel pressing to engage. (Fig. 1-11)

8. Install passenger side light guide

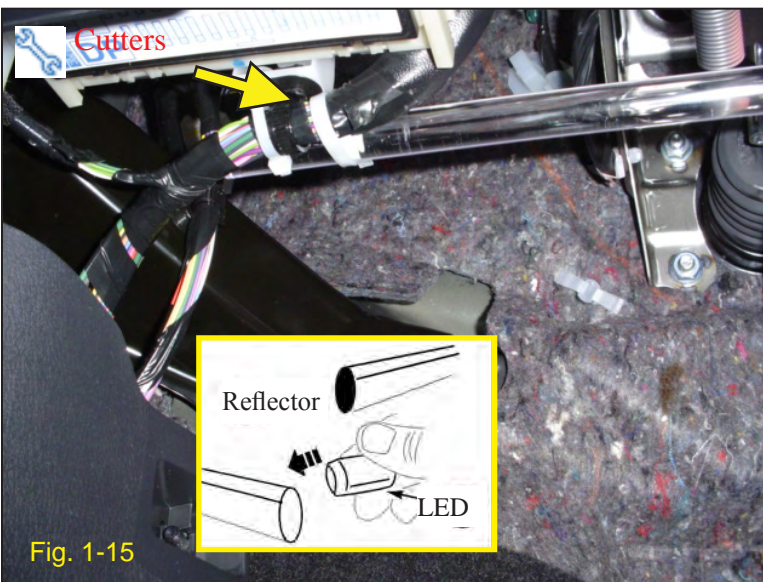
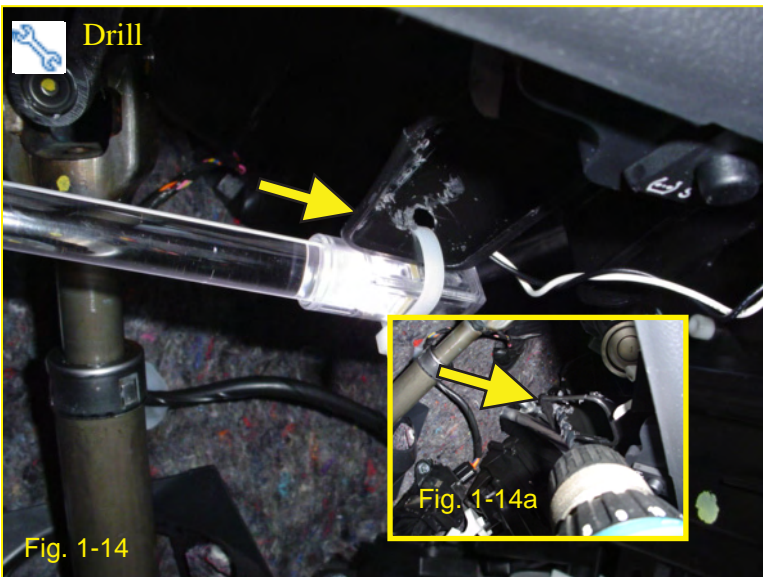
- a. Thread cable tie around harness as shown, leave loose for light guide insertion. (Fig. 1-12)
- b. Thread cable tie Through hole as shown, leave loose for light guide insertion. (Fig. 1-13)
- c. Install LED module onto 9” Light Guide. (Fig. 1-13a)
 1. Slide LED module onto end of Light guide that does not have reflector.
 2. When installing Light Guide make sure white stripe is oriented towards the top.
- d. Insert Light guide assembly through cable ties and secure. (Fig.1-13)
- e. Verify white strip is oriented towards top.



- f. Trim cable ties.
- g. Verify white strip is oriented towards top.

9. Install drivers side light guide

- a. Drill hole in air duct as shown. (Fig. 1-14a)
- b. Thread cable tie Through hole as shown, leave loose for light guide insertion.
- c. Thread cable tie around harness as shown, leave loose for light guide insertion. (Fig. 1-14)
- d. Install LED module onto 12" Light Guide.
 - 1. Slide LED module onto end of Light guide that does not have reflector. (Fig. 1-15a)
- e. Insert Light guide assembly through cable ties and secure. (Fig.1-15)
- f. Trim cable ties.
- g. Verify white strip is oriented towards top.



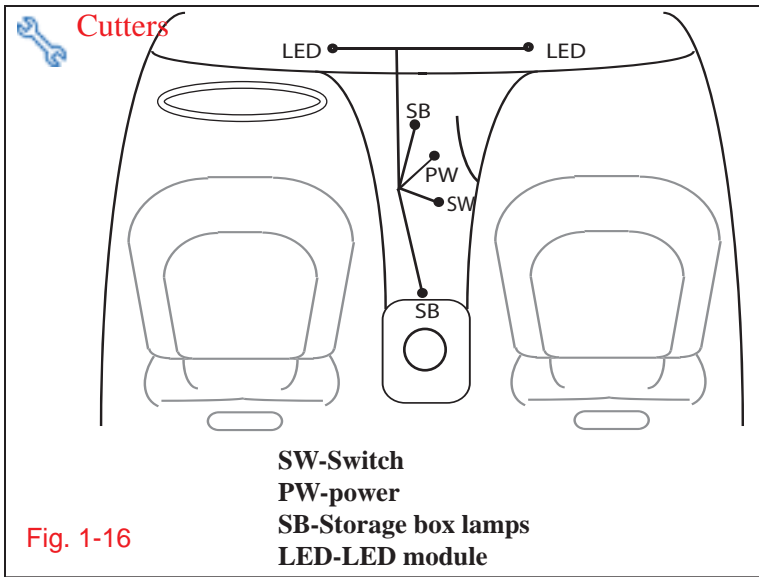


Fig. 1-16



Fig. 1-17

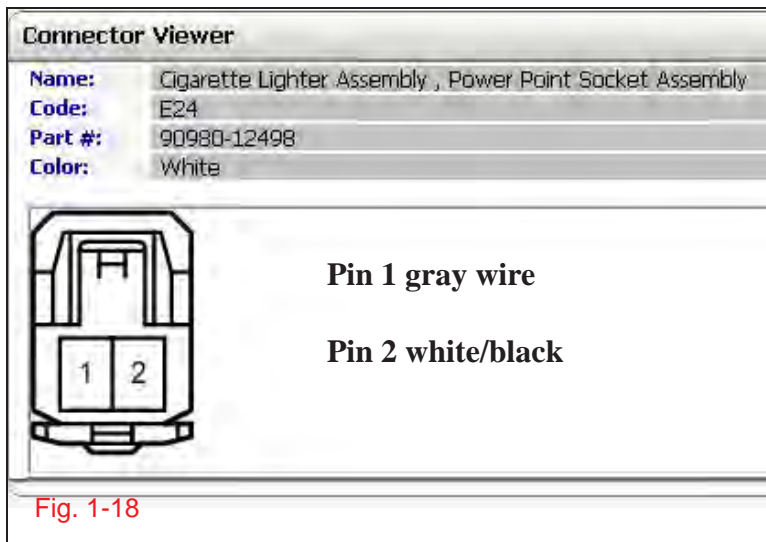


Fig. 1-18

10. Install Harness

CAUTION: Secure harness with pads and cable ties as needed.

- a. Lay out harness as shown and identify connectors. (Fig. 1-16)
- b. Bulk of harness will reside ahead of shifter assembly.
- c. Route LED module connector forward and behind kick panels.
- d. Repeat on passengers side
- e. Connect LED module connectors to previously installed Light Guide assemblies.

- f. Locate power. (Fig. 1-18)

1. Install T-taps in staggered fashion. (Fig. 1-17)

- g. Attach harness to power.

1. Black wire on harness to white/black wire on power outlet socket.

2. White wire on harness to gray wire on power outlet socket.

- h. Reinstall center console storage box.



1. Attach "Y" connector to harness.



2. Attach "Y" connector to cup holder lamps.

3. Attach "Y" connector to front storage box lamps.

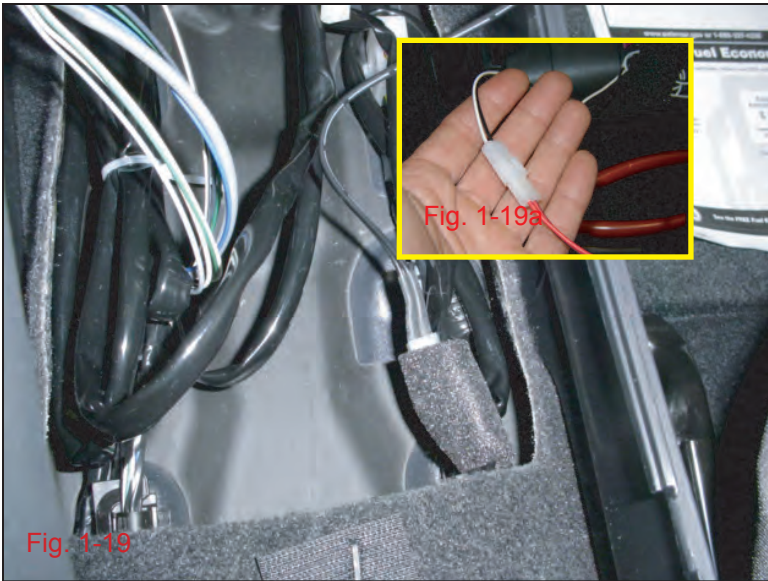
- i. Secure harness using cable ties. (Fig. 1-19)

1. Verify that no moving parts will rub on the harness.

- j. Secure any excess wire with cable ties and foam pads.

- k. Connect Switch to Harness. (Fig. 1-20)

1. Connect switch leads to harness. (Fig. 1-20a)



2. Reinstall insert.

1. Re-attach negative battery terminal, torque to 36 inch pounds.

2. Place operators card in storage box.



TOYOTA MATRIX INTERIOR LIGHT UPGRADE
CHECKLIST – these points **MUST** be checked to ensure a quality installation.

Accessory Function Checks

Major Action Item

	What to do.	What to look for.
1	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. Press lighting power button first push	Storage and cup holder lights on
2	Press lighting power button second push	Footwell lighting on
3	Press lighting power button third push	Both footwell and cupholder lights on
4	Press lighting power button forth push	All lighting off
5	*sequence may start in different order than above	

Vehicle Function Check

	Function		Function
	Auxiliary power outlet		Verify proper function of auxiliary power

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.

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