

Toyota

Corolla

2012-

Interior Light Upgrade

Part Number 00016-00095

Accessory Code: IL2



Conflicts

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Kit Contents

Item #	Quantity Reqd.	Description
1	1	"Y" Adapter
2	1	Wire harness
3	1	Hardware Kit
4	2	White Light Modules
5	1	Switch Kit
6	2	Amber cup holder kits
7	1	Customer Information card

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	4	Wire tie .0625
2	5	foam pads
3	2	T-Taps
4	4	Modules Screws

Switch Bag Contents

Item #	Quantity Reqd.	Description
1	1	Switch
2	1	End Cap, Black
3	1	Illumination Nameplate
4	1	Installation tool
5	1	Bezel
6	1	Black spacer

Recommended tools

Safety Tools	
Vehicle protection	
Safety glasses	
Special Tools	
Installation Tools	
Phillips screwdriver	1/4 inch jewelers
Torque wrench	36in. lbs
Nylon Removal Tool	
Pliers	
Diagonal cutter	or wire tie tool
Scissors	
Drill	
1/8" Drill bit	
1/2" Drill bit.	UniBit or step drill rec.
9/32" Drill bit	
Scribe or Center punch	
Masking tape	

Color Applicability/Trim Level

Accessory Color																				

General Applicability

All models of Corolla

Recommended Sequence of Application

Item #	Accessory	
1 *	Overlay	Apply any overlay first
2		
3		

*Mandatory

Legend

STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.

OPERATOR SAFETY: Use caution to avoid risk of injury.

CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.

TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.

REVISION MARK: This mark highlights a change in installation with respect to previous issue.

SAFETY TORQUE: This mark indicates that torque is related to safety.

SPECIAL NOTE:

After TMS and Safety mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install and in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.

Table of Contents

I. Preparation 1-2
 1. Table Of Contents.....2
 II. Procedure.....3-4
 1. Vehicle Preparation.....3
 2. ETC.....4
 III. Checklist5
 1. Accessory Function Checks.....5
 2. Vehicle Function Checks.....5

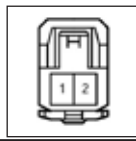
Accessory Installation Practice (read before installation)

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.

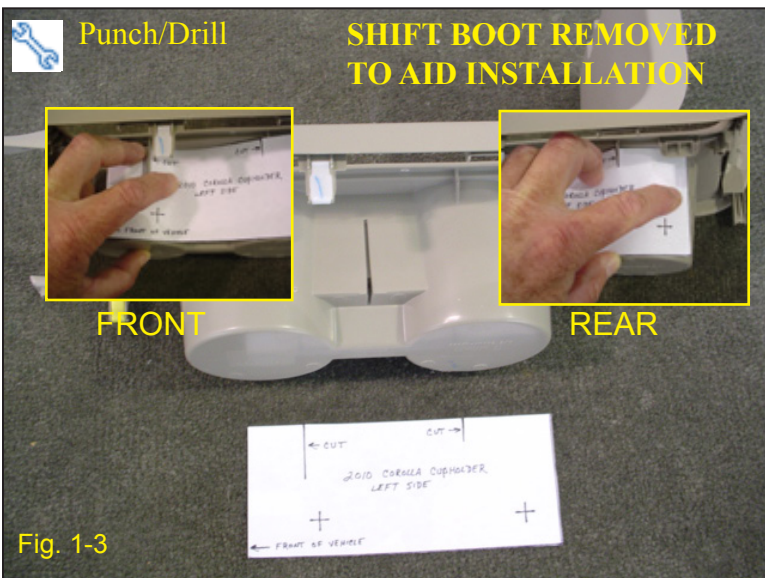
This document covers such items as:

- 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.)



Name: Front Power Outlet Socket
Code: E87
Part Number: 90980-12498
Color: White

Disconnect power connector



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 Trim



1. Set parking brake.
2. Depress shift interlock and place in neutral if equipped with automatic.
3. Use panel safe tool.
4. Remove lower trim on both sides of center console. (Fig. 1-1a)
5. Remove trim on both sides of the radio. (Fig. 1-1b)
6. Pry around edge of shift surround and remove. (Fig. 1-1c)
7. Lift center console and remove from vehicle. (Fig. 1-1d)

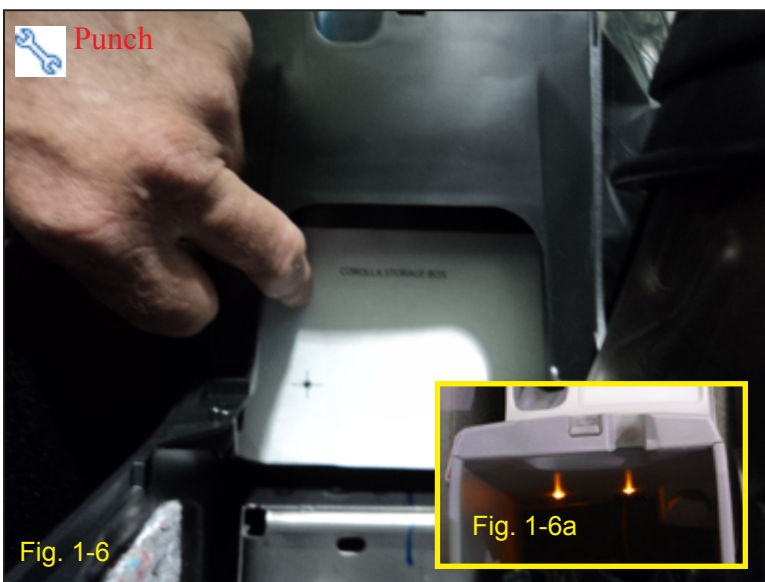
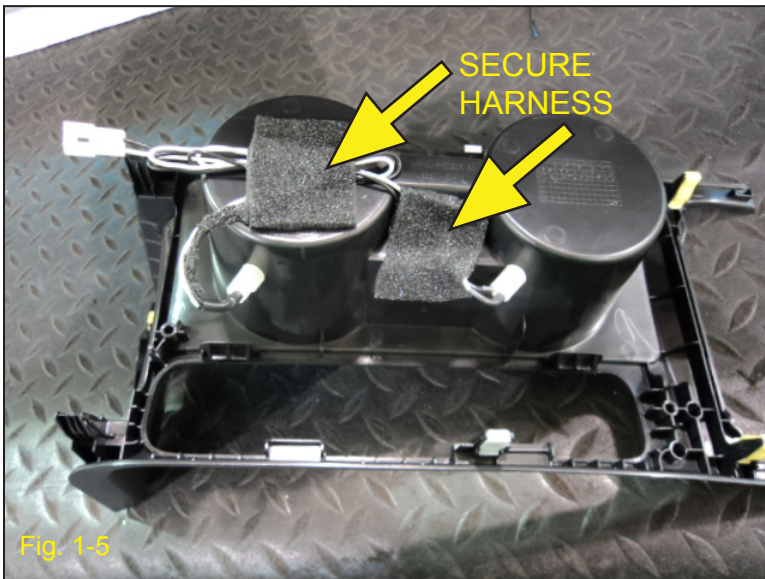
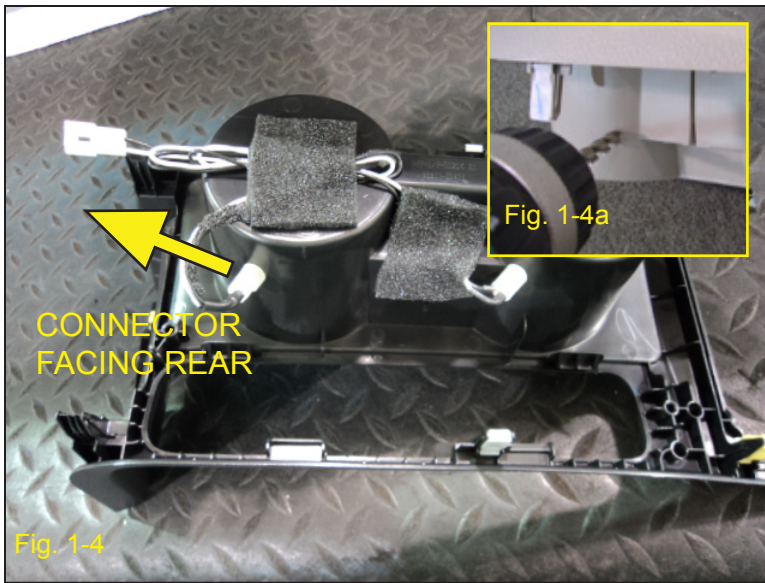
4. Remove steering column trim panel

1. Lift lower right corner of speedo shroud and pry around edge of steering column trim panel. (Fig. 1-2)
2. Remove 2 screws from panel above auxiliary power outlet assembly. (Fig. 1-2a)
3. Remove panel above auxiliary power outlet assembly.
4. Disconnect power and remove auxiliary power assembly.



5. Install cup Holder Lights

- a. Drill holes for cup holder lights.
 1. Cut out enclosed paper template la-



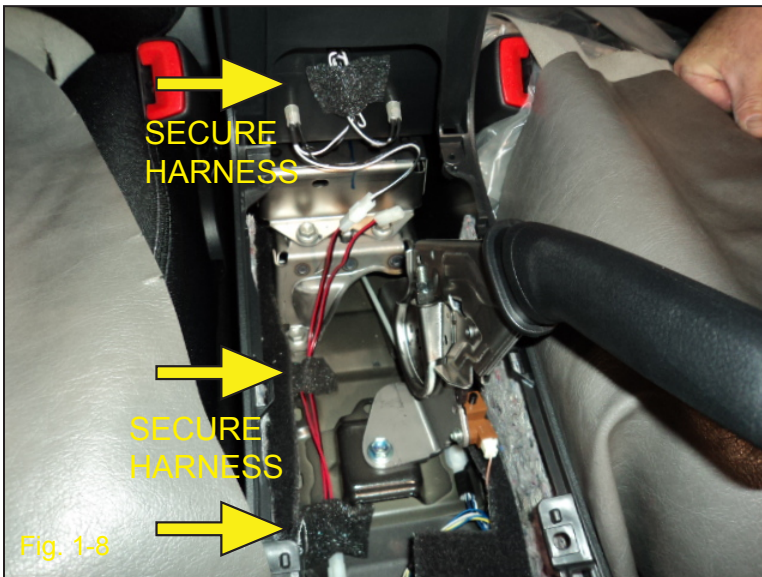
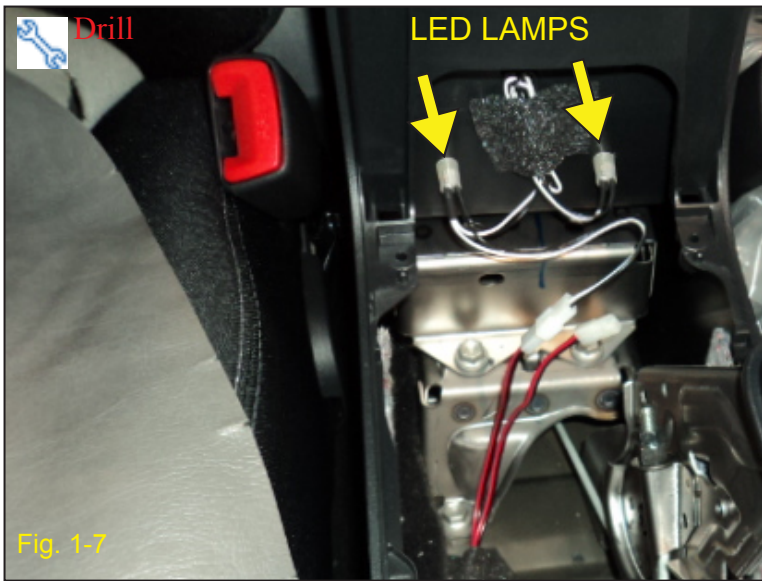
beled “Cup holder lights”

2. Use a punch/scribe to mark the center of the hole to be drilled. (Fig. 1-3)
 3. Drill pilot holes with 1/8” drill bit.
 4. Drill the lamp hole with a 9/32” drill bit. (Fig. 1-4a)
 5. 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. 1-4)
 - d. Secure wires with foam pads
 1. Verify that the connecotr is facing the rear of the vehicles. (Fig. 1-5)

6. Install front Storage Lights

- a. Drill holes for storage lights
 1. Cut out enclosed paper template labeled “Storage Lights”
 2. Align template as shown. (Fig. 1-6)
 3. Use a punch/scribe to mark the center of the hole to be drilled
 4. Drill pilot holes with 1/8” drill bit.
 5. Drill the lamp hole with a 9/32” drill bit. (Fig.1-7)





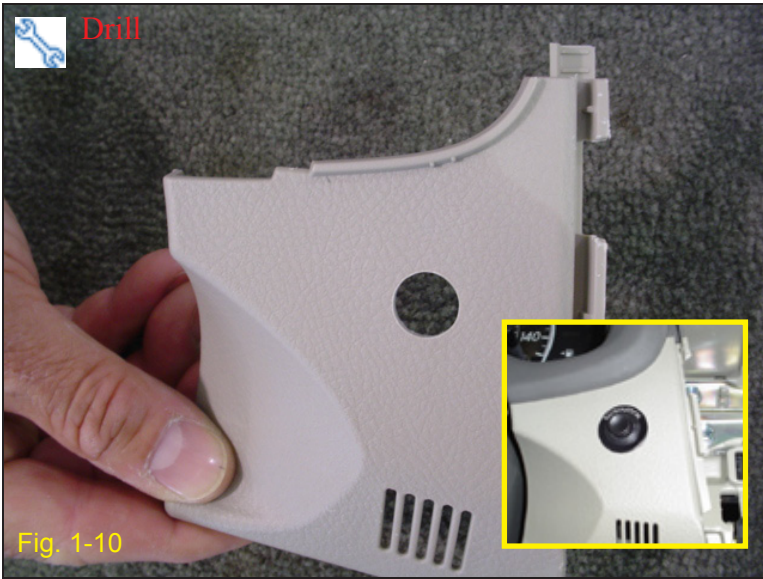
6. De-burr holes with de-burring tool.
 - b. Insert Lens from behind partition.
 - c. Firmly press body of lamp onto lens.
 - d. Secure lamp leads to cupholder assembly.
1. Using foam pads secure cupholder lamp leads to bottom of cup holder assembly. (Fig. 1-8)
2. It's important the wires go straight down under the cupholder to keep from rubbing the shifter plastic tongue

7. Install power Switch

- a. Drill hole for switch

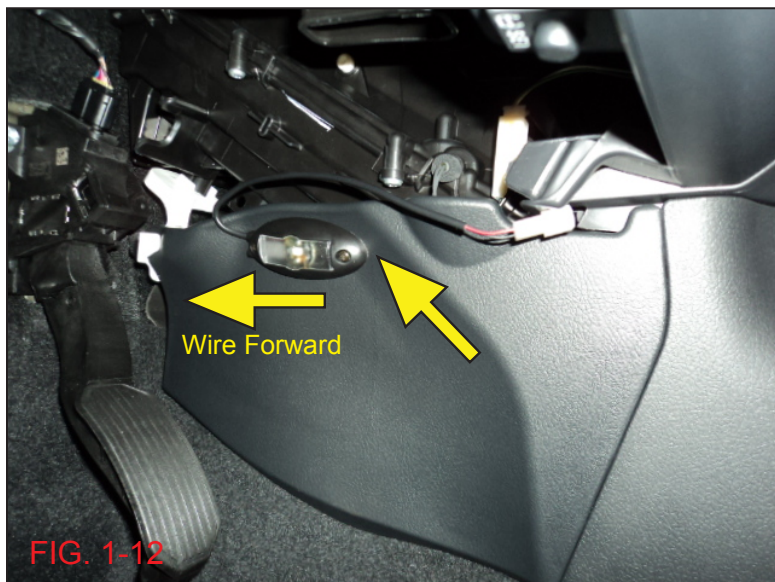
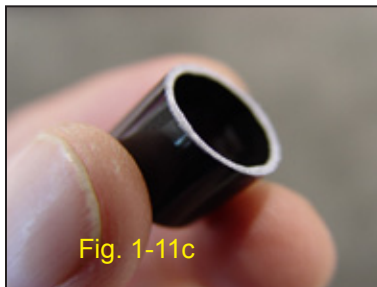


1. Cut out switch template. Use a punch or scribe to mark center of the hole to be drilled. (Fig. 1-9)
 2. Using a 1/2" drill bit (Unibit or step drill is highly recommended), drill the switch hole.
- b. Clean bezel surface to remove grease and wax. (Fig. 1-10)
 1. Wipe the application area clean with 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. 1-11a)
 - d. Using the pull-tab, remove the tape liner from the back of the switch plate. (Fig. 1-11b)
 1. Avoid finger contact with the adhesive surface.
 - e. Using the bezel as a guide, install switch plate/bezel into the previously drilled 1/2" hole.



1. Align the printing “ILLUMINATION” square to the console. (Fig. 1-10)
2. Once aligned, press down firmly to adhere tape.
- f. Install Sleeve to bezel, white edge of sleeve goes towards console. (Fig. 1-11c)
- g. Align switch leads as shown.
- h. Install switch to bezel as shown.

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.



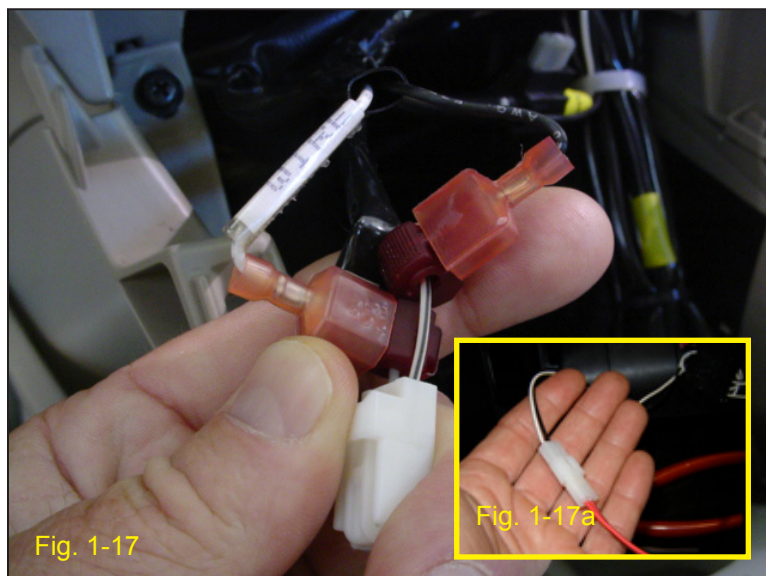
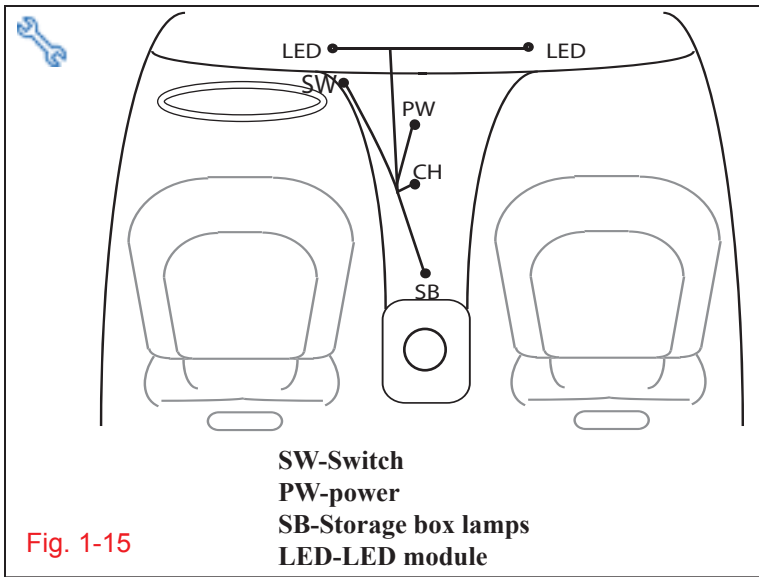
8. Install light modules

- a. Install Driver side Light Module.
- b. Locate attachment location indicated by arrow. Wire end of light should face front . (Fig. 1-12)
- c. Clean surface to remove and wax.
- d. Wipe application area clean with alcohol and a clean no-scratch cloth. (Fig. 1-13a)
- e. Dry the installation area using a clean, dry, lint free cloth.
- f. Using the pull tab remove the tape liner from the back of the switch plate. (Fig. 1-13b)



- g. Avoid finger contact with the adhesive surface.
 - 1. Press module firmly against surface.
- h. Secure module with screws. (Fig. 1-13c)
- i. Install passenger side Light Module.
- j. Locate attachment location indicated by arrow. (Fig. 1-14)
- k. Install Light Modules
- l. Repeat steps (1-13a-1-13c)





9. Install Harness

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

- a. Lay out harness as shown and identify connectors. (Fig.1-15)
- b. Bulk of harness will reside towards front of center console 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.

1. Remove connector from auxillary power outlet. (Fig. 1-16a)



2. Install T-taps in staggered fashion. (Fig. 1-16)

- g. Attach harness to power. (Fig. 1-17)



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

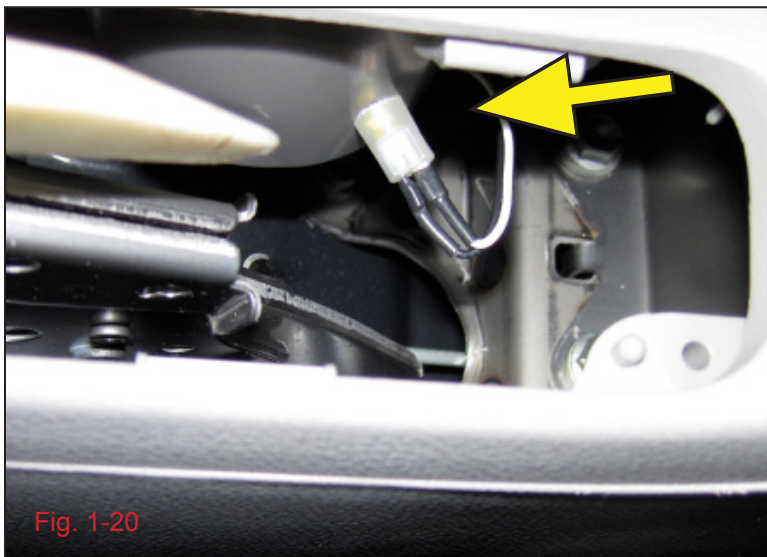
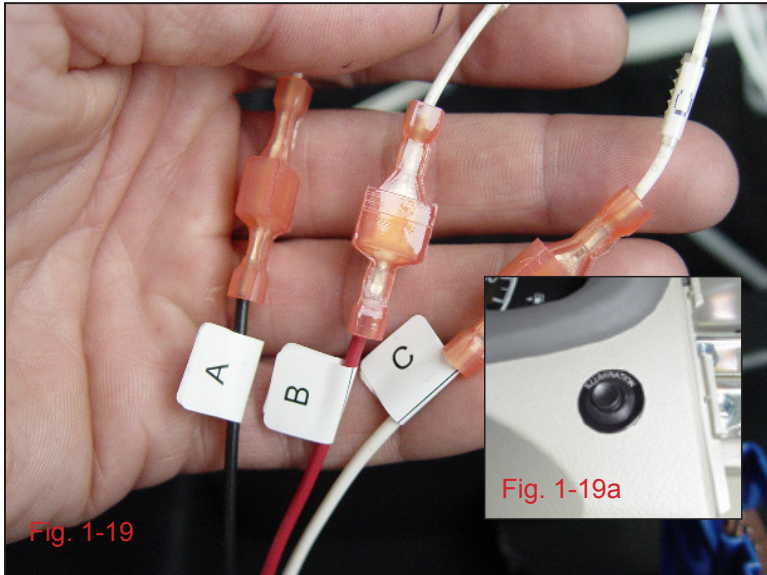
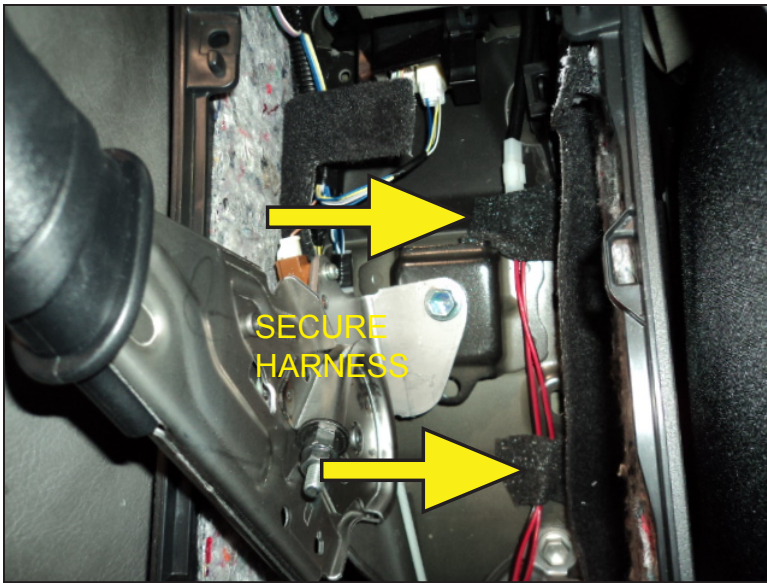
2. Attach "Y" connector to cup holder lamps. (Fig. 1-17a)

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

- i. Secure hareness using cable ties. (Fig. 1-18)

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

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



k. Secure leads running to light modules with foam pads.



l. Connect Switch to Harness.

1. Connect switch leads to harness. (Fig. 1-19)

2. Reinstall insert.



3. CAUTION: After installing insert verify the that the brake lever does not interfere with the LED modules (Fig. 1-20)

4. After verifying that ther is adequate clearance reinstall parking brake boot and complete installation.



5. Reconnect battery negative terminal.

m. Reconnect battery negative terminal.

n. Torque to 36 inch pounds

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

VERIFY THAT PARKING BRAKE DOES NOT INTERFERE WITH LED MODULES BEFORE REINSTALLING PARKING BRAKE BOOT.

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	Verify parking brake motion does not interfere with cupholder lights	Parking brake interfering with LED module or harness
2	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
3	Press lighting power button second push	Footwell lighting on
4	Press lighting power button third push	Both footwell and cupholder lights on
5	Press lighting power button fourth push	All lighting off
6	*sequence may start in different order than above	

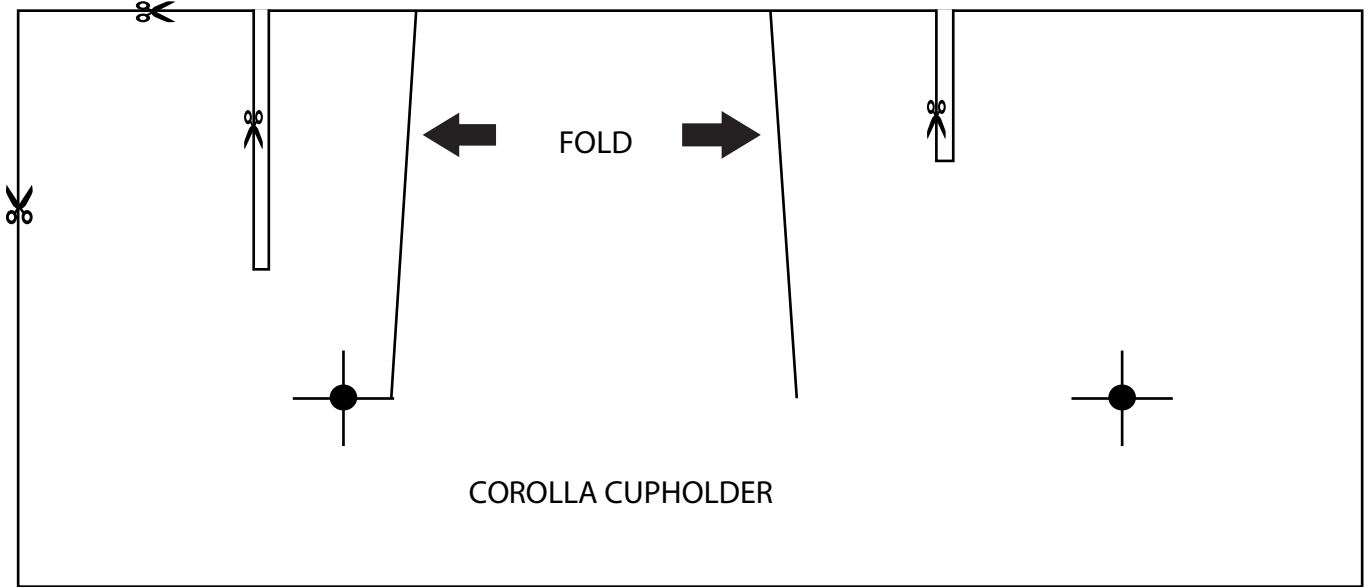
Vehicle Function Check

	Function		Function
	Auxillary power outlet		Verify proper function of auxillary power

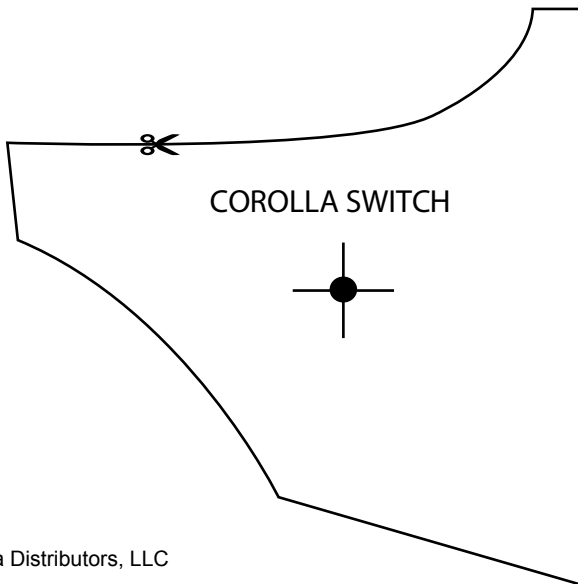
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