

Part Number: PT944-33160**Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Trunk Sill
2	1	Hardware Bag

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	17	15cm Wire Tie
2	4	Foam Tape
3	2	Splicing Connectors

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1		
2		

Conflicts

Hybrid models

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	Optional
Vehicle Protection	Blankets, Parts Boxes
Special Tools	Notes
Panel Removal Tool	
Installation Tools	Notes
Socket & Ratchet	10mm
Torque Wrench	48 in-lbf (5.4 N-m)
Screwdriver	#2 Phillips
Side Cutters	
Wire Puller	
Electrical Tape	
Special Chemicals	Notes
Cleaner	VDC Approved

General Applicability

Gas models only

Recommended Sequence of Application

Item #	Accessory
1	
2	
3	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description
1		
2		
3		

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.

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.

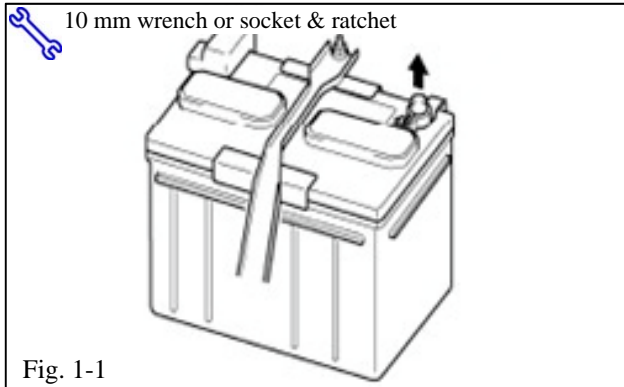
This document covers such items as:-

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

Please see your Lexus dealer for a copy of this document.

1. Prepare the Vehicle.

- (a) Inspect all kit components and check for damage or missing parts.
- (b) Set the parking brake.
- (c) Remove the negative battery cable (Fig. 1-1).
 - (1) Protect the fender.
 - +** (2) Do not touch the positive terminal with any tool when removing the cable.



2. Disassemble the Vehicle.

- (a) Remove the trunk mat (Fig. 2-1).



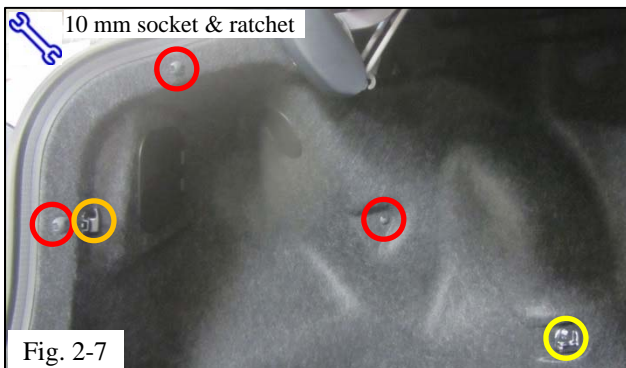


(b) Remove two bolts and 3 clips from the front of the trunk sill (Fig. 2-2 through Fig. 2-4).

(c) Pull the trunk sill up and remove it from the vehicle (Fig. 2-5).



(d) If any clips remained in the body, remove them now (Fig. 2-6).



(e) Remove the bolt, cargo hook and three clips from the driver side trim (Fig. 2-7 & Fig. 2-8).



|| (f) Remove the trunk light (Fig. 2-9). Start prying from the driver side corner.



- (g) Remove the round plug cover to the left of the trunk light (Fig. 2-10, labeled Opening No. 2 in Fig. 3-6).

⚠ NOTE: Keep the cover for reinstallation.

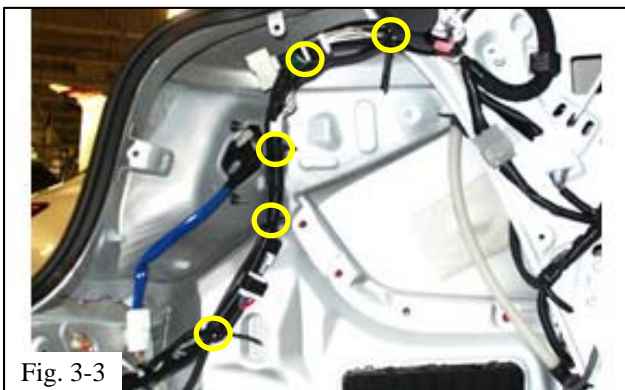
3. Install the Illuminated Trunk Sill.



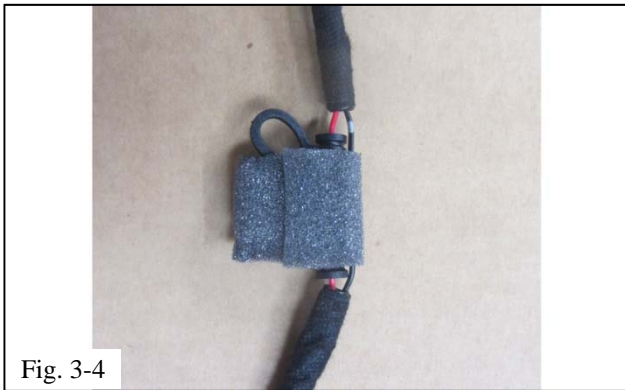
- (a) Carefully place the illuminated trunk sill centered in the trunk (Fig. 3-1).



- (b) Route the wire harness along the OE harness and apply six wire ties (Fig. 3-2).



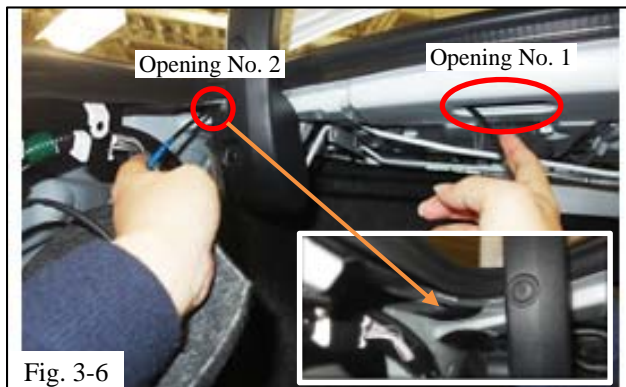
- (c) Continue routing the wire harness along the OE wire harness and apply five more wire ties (Fig. 3-3).



- (d) Wrap the fuse holder with foam tape (Fig. 3-4).



- (e) Use a wire puller (Fig. 3-5) or 2 feet of wire and tape to pull the wire harness through the opening at the left side of the trunk roof.



- (1) Insert the wire puller into sheet metal opening No. 1 (Fig. 3-6).
- (2) Guide it until it exits at point No. 2, past the trunk lid support (Fig. 3-6).
- (3) Attach the trunk sill harness to the puller with tape and carefully pull the harness through.

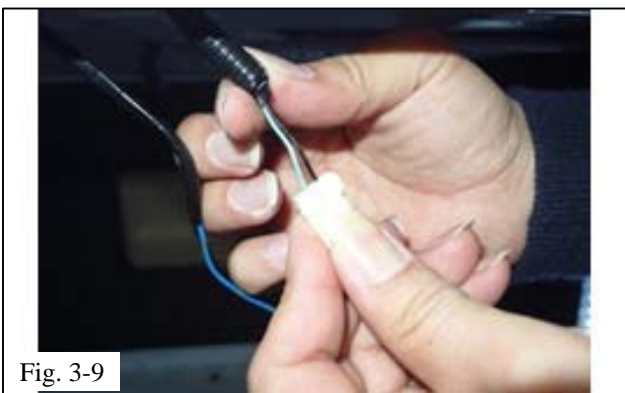
NOTE: Pay special attention when the fuse reaches opening No. 2 as it is not very large.

- (f) Pull the harness and fuse out of opening No. 1 (Fig. 3-7).

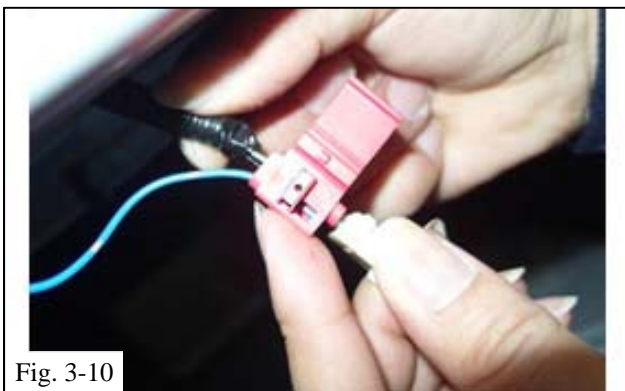




- (g) Repeat Steps (e) and (f) to pull the harness the rest of the way from opening No. 1 to the trunk light opening (Fig. 3-8).

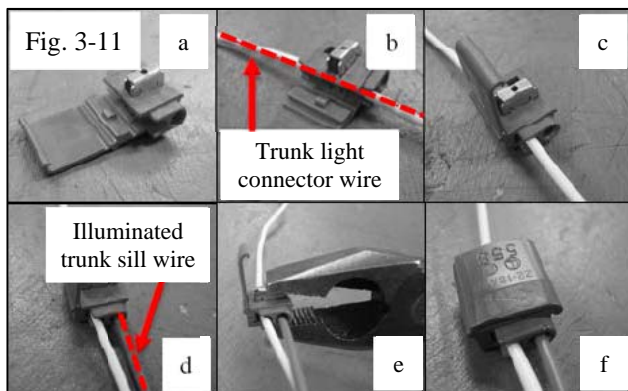


- (h) Expose the OE trunk lamp harness (Fig. 3-9).



- (i) Connect the accessory harness to the trunk light using Scotchloks (Fig. 3-10).

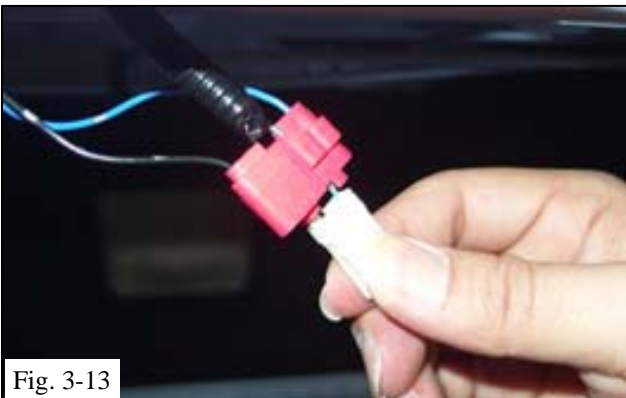
⚠ NOTE: Make sure to match green with green and black with black.



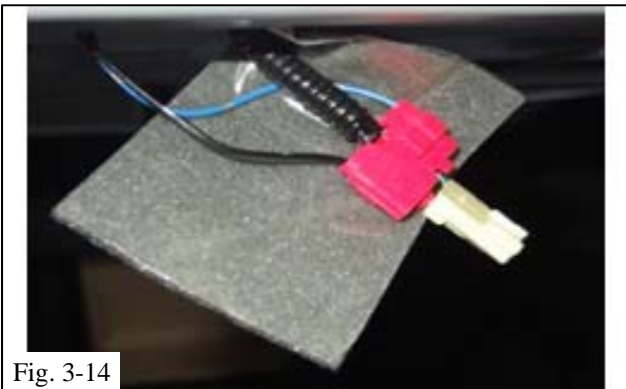
- (1) Make sure both wires are spliced correctly (Fig. 3-11d).
- (2) Use pliers to push down the metal tab (Fig. 3-11e).
- (3) Snap the plastic cover in place by hand (Fig. 3-11f).



- (j) Repeat the splice process on the black wire (Fig. 3-12).



- (k) When complete, the harness should look like Fig. 3-13.



- (l) Cover the Scotchloks with foam tape (Fig. 3-14).



- (m) Wrap the Scotchloks completely (Fig. 3-15).



- (n) Reconnect the trunk lamp (Fig. 3-16).
- (o) Reinstall the trunk lamp.

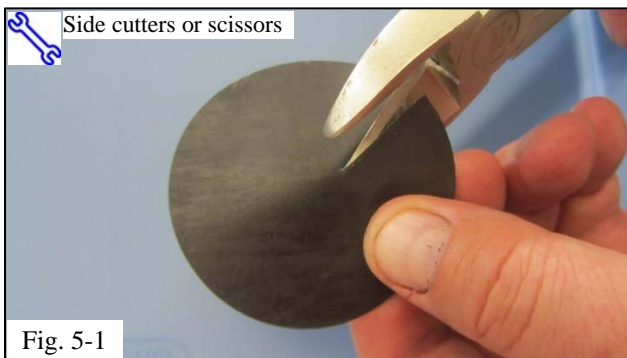
4. Perform a Functional Test.

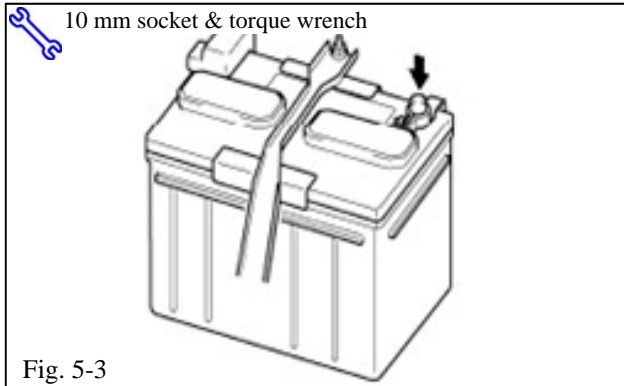
- (a) Temporally reconnect the negative battery cable and install the DCC cut fuse if necessary.
- (b) Confirm that the illuminated trunk sill functions (Fig. 4-1).
- (c) Disconnect the negative battery cable and remove the DCC cut fuse if it was installed in Step (a).



5. Reassemble the Vehicle.

- (a) Cut a 20mm slit in the plug cover removed in Step 2(g) (Fig. 5-1).
- (b) Replace the plug cover over Opening No. 2 (refer to Fig. 2-10 & Fig. 3-6) with the harness exiting via the slit.
- (c) Reinstall the side trim clips and install the illuminated trunk sill and trunk mat (Fig. 5-2).





(d) Reconnect the battery.

(1) Position the negative battery cable at the original factory position (Fig. 5-3).

+ CAUTION: Do not touch the positive terminal with any tool during installation.

(2) Tighten the nut to 48 in-lbf (5.4 N-m).

S Torque: 48 in-lbf (5.4 N-m)

(e) Clean up the vehicle and remove any trash.

Checklist - these points **MUST** be checked to ensure a quality installation.

Check:

Look For:

Accessory Function Checks

- ☐ Trunk lid open
- ☐ Trunk lid closed (Pressing luggage latch)

Trunk Sill is illuminated

Trunk Sill is not illuminated

Vehicle Function Checks

- ☐ Trunk lid open
- ☐ Trunk lid closed (Pressing luggage latch)

Trunk dome light is ON

Trunk dome light is OFF

Vehicle Appearance Check

- ☐ Illuminated trunk sill plate
- ☐ Side trim
- ☐ After accessory installation and removal of protective cover(s), perform a visual inspection.

Verify proper fit

Verify proper fit

Ensure no damage (including scuffs and scratches) was caused during the installation process.
(For PPO installations, refer to TMS Accessory Quality Shipping Standard.)