

Part Number: PT942-08210**Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Illuminated Scuff Plate, Front Right Hand
2	1	Illuminated Scuff Plate, Front Left Hand
3	1	Hardware Kit

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	2	Wire Bridge Clip
2	8	2" x 2.5" PVC Foam Tape
3	2	8" Cable Tie
4		

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1	1	Scissors
2	1	Tape
3		

Conflicts

None

General Applicability

MY21 and newer Sienna models

Recommended Sequence of Application

Item #	Accessory
1	
2	

*Mandatory

NOTE

For left-hand drive vehicles: Left side = Driver side Right side = Passenger side

**Recommended Tools**

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	Optional
Blankets	
Part Boxes	
Special Tools	Notes
Panel Removal Tool	e.g. Toyota SST P/N: 00002-06001-01
Non-intrusive Infrared Temp Probe/Gun	
Installation Tools	Notes
Wrench	10mm
Socket	10mm
Pliers	
Side Cutters	For Wire Ties
Torque Wrench	5.4 N-m (48 lbf-in)
Wiping Cloth	For cleaning pinch weld
Hard Rubber Hand Roller	1" to 3" wide i.e. Marshalltown E54D or Dynamat 10007
Special Chemicals	Notes
VDC Approved Cleaner	

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.
	REGULATORY MARK: This mark indicates the component is related to regulatory compliance

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 Toyota dealer for a copy of this document.

1. Prepare for the Installation.

(a) Inspect all kit components and check for damage or missing parts.

(b) Remove the negative battery terminal (Fig. 1-1).

(1) The battery is located in the rear cargo quarter panel area.

+ (2) Do not touch the positive terminal with any part of the tool when removing the cable.

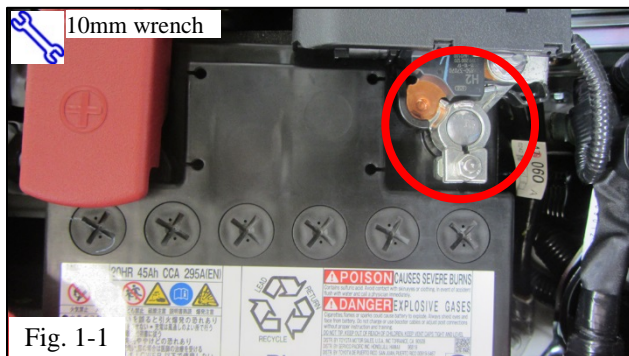


Fig. 1-1

2. Disassemble the Vehicle.

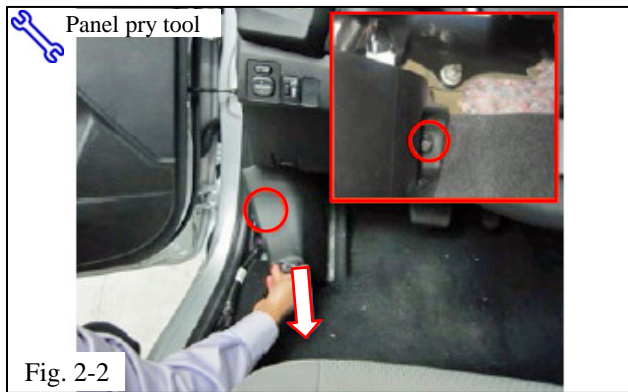
(a) If any door sill covers are present, use a standard process for removing double sided taped-on parts/badges.

! **NOTE:** Unless otherwise specified, the procedure for the driver side and passenger side is the same.

(b) Disengage the two claws on the inside bottom and the four clips to remove the front left and front right inner door scuff plates (Fig. 2-1).



Fig. 2-1

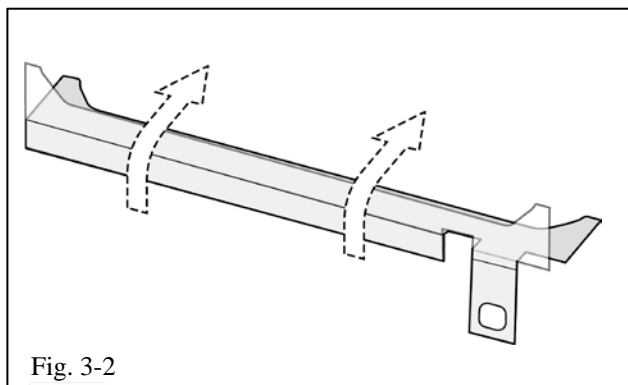
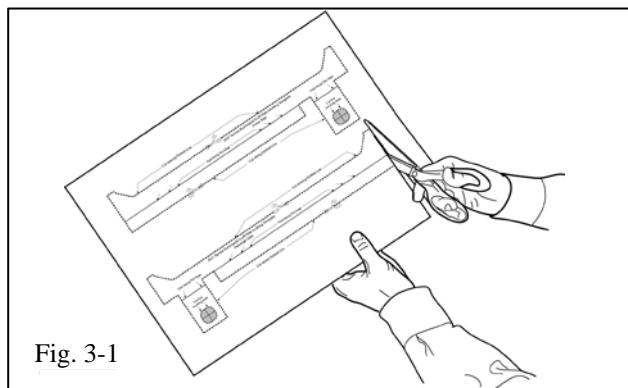


- (c) Remove the front left and front right cowl side covers (Fig. 2-2).
 - (1) Pull the cover straight away from the body to detach one clip in the direction of the arrows. Use a nylon pry tool if necessary.
 - (2) If a clip is stuck to the body after removal, remove the clip and reattach it to the cowl cover.
- (d) Detach the front left and front right weather seal from the bottom pinch weld (Fig. 2-3).



3. Install Preparation

- (a) Locate the paper template from kit contents.
- (b) Using scissors, cut the template out as shown (Fig. 3-1).
 - (1) Make sure to cut the hole locator on the long tab.
- (c) Fold the paper template according the printed fold lines on template (Fig. 3-2).



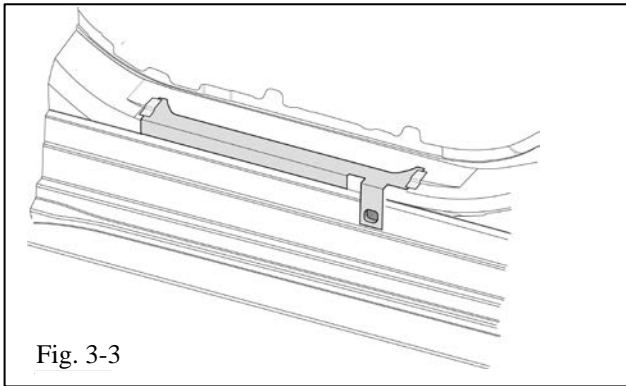


Fig. 3-3

- (d) Place template into position according Tape template in place (Fig. 3-3).

4. Installation of Driver Side Illuminated Door Sill

- (a) Clean the door rocker area with VDC approved cleaner.



NOTE: The work area, door sills and vehicle door surface temperature must be at least 60°F (16°C).

- (b) Remove the protective tape from the adhesive backing on the door sill (Fig. 4-1).



Fig. 4-1

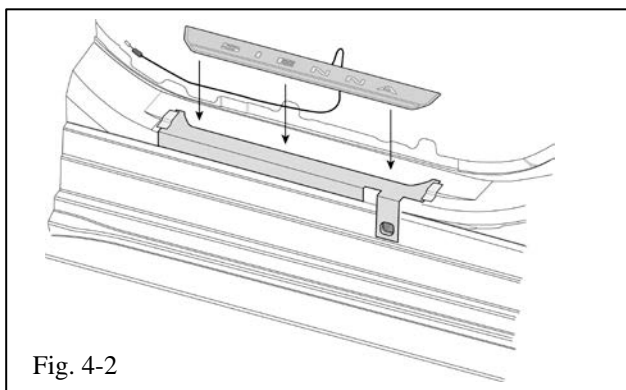


Fig. 4-2

- (c) Carefully align the front end of the door sill with the fixture. Ensure the door sill is parallel with the pinch weld and tape it down (Fig. 4-2).

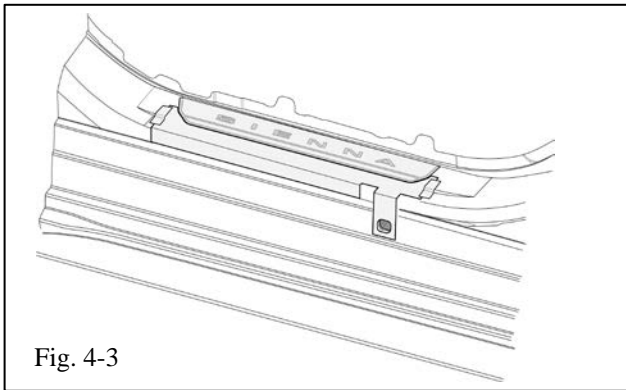


Fig. 4-3

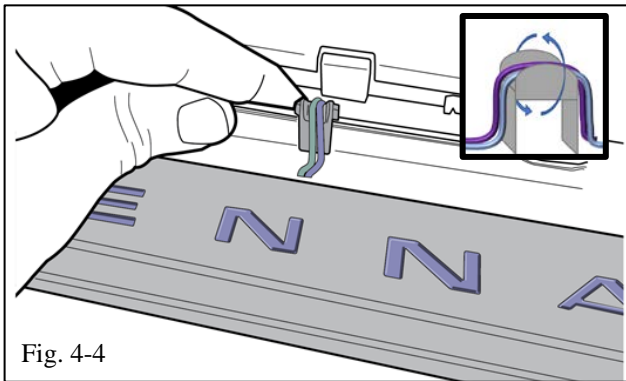


Fig. 4-4

(d) Press the door sill onto the rocker and use a roller to attach it firmly (Fig. 4-3).

(e) Place one pinch weld bridge on the pinch weld in the area where the cable exits the door sill (Fig. 4-4).

(1) Secure the door sill cable to the pinch weld bridge by looping electrical tape (Fig. 4-4).

NOTE: Tape the pinch weld bridge to the wire such that excess wire is not present between sill and pinch weld clip.

(2) Cradle the door sill cable in the pinch weld. Reinstall the weather seal over the pinch weld bridge. (Fig. 4-4).

NOTE: Make sure the bridge ends under the soft part of the weather strip.

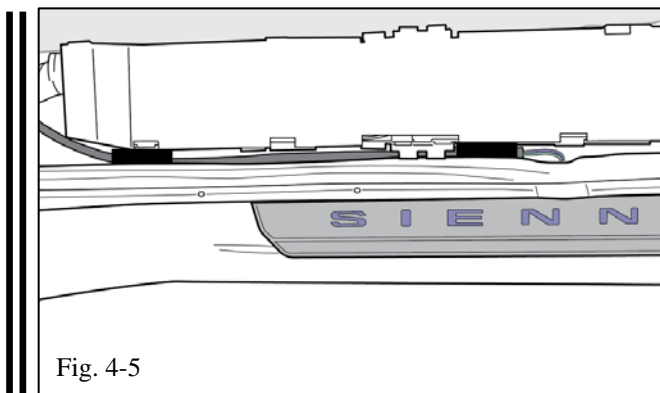
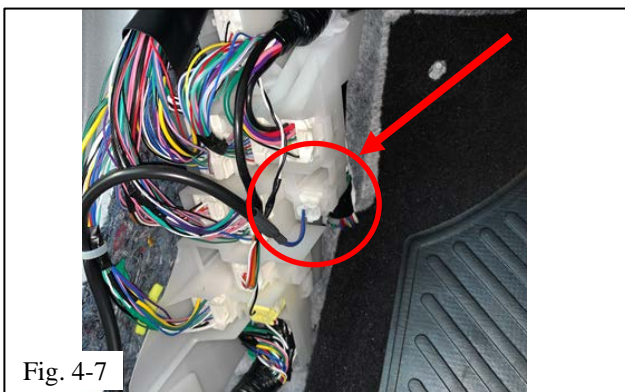


Fig. 4-5

(f) Thread the door sill harness between the harness clip and pinch weld. Place 2 pieces of foam tape around the wire harness to protect it as shown (Fig. 4-5). Place 2 pieces of foam tape at each location.



- (g) Route the sill harness along the vehicle harness and secure with 1 cable tie as shown (Fig. 4-6).



- (h) Connect sill harness to vehicle connector in the bottom right port as shown in (Fig. 4-7).

5. Install the Passenger Side Door Sill.

- (a) Repeat Step 3(a) through Step 3(f) on the passenger side.
- (b) Make a loop with the sill harness and secure to the vehicle harness with 1 cable tie as shown. Be sure not to cable tie directly to bare wires (Fig 5-1).



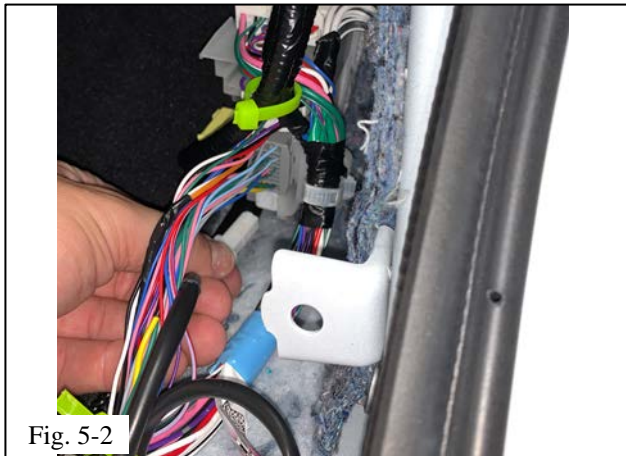


Fig. 5-2

- (c) Plug the sill harness connector into the bottom left port in the vehicle connector (Fig. 5-2).

6. Test the Door Sills.

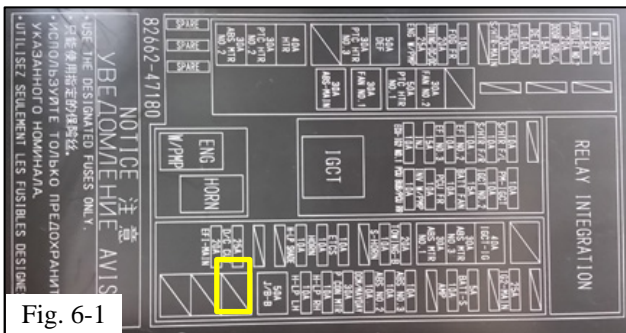


Fig. 6-1

- (a) Temporarily reconnect the negative battery terminal. If required, install the short pin (Fig. 6-1).

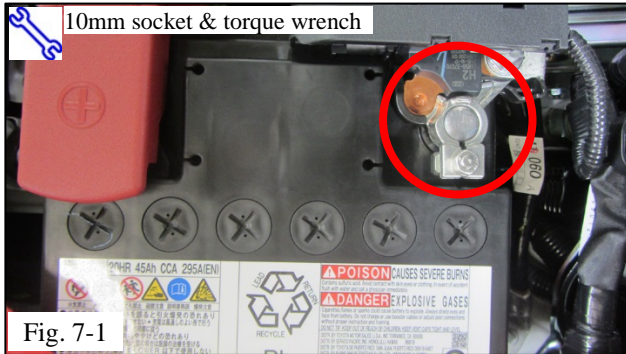
- (b) Press in the front door courtesy switches to check the function of the front door scuff plates.

(1) The door sill light should be on with the door(s) open (Fig. 6-2).

(2) The door sill light should turn off after 15 seconds when all of the door courtesy switches are pressed in.



Fig. 6-2



7. Reassemble the Vehicle.

(a) Reassemble the vehicle by reversing Step 2(a) through Step 2(h).

(b) Tighten the negative battery cable (Fig. 7-1).

(1) Position the negative battery cable at the original factory position.

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

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

+ (3) Do not touch the positive battery terminal with any tool when replacing the cable.

TOYOTA SIENNA 2021 - ILLUMINATED DOOR SILLS

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

<u>Check:</u>	<u>Look For:</u>
<u>Accessory Function Checks</u> <input type="checkbox"/> Door sill fit <input type="checkbox"/> Open the front doors <input type="checkbox"/> Press the courtesy switch	 No uneven gaps around the edges; clips securely fastened Front door sill lights turn on Front door sill lights turn off for each side
<u>Vehicle Function Checks</u> <input type="checkbox"/> Door courtesy lights <input type="checkbox"/> Radio <input type="checkbox"/> Power mirrors <input type="checkbox"/> Dimmer <input type="checkbox"/> Instrument cluster <input type="checkbox"/> Hazard switch <input type="checkbox"/> Passenger airbag indicator <input type="checkbox"/> Foot lights	 Front door courtesy lights operate normally Radio functions normally Mirrors function normally Dimmer functions normally Instrument cluster functions normally Hazard switch function normally Passenger airbag indicator light turns on Foot lights come on with door open & turn off after 15 seconds when door is closed
<u>Vehicle Appearance Check</u> <input type="checkbox"/> After accessory installation and removal of protective cover(s), perform a visual inspection.	 Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMNA Accessory Quality Shipping Standard.)