TOYOTA CROWN/CROWN SIGNIA 2023 - ILLUMINATED DOOR SILLS

Preparation

Part Number: PT942-30230

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Front Door Sill LH (Service PN: PT942-30230-AA)
2	1	Front Door Sill RH (Service PN: PT942-30230-AB)
3	1	Hardware Kit (Service PN: PT942-30230-AC)

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	10	Cable Ties
2	2	Wire Bridge Clips

Conflicts

None

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Goggles	
Seat Covers/Blanket	
Floor Protectors	
Special Tools	**Notes**
None	
Installation Tools	**Notes**
Screwdriver	Phillips, #2
Nylon Panel Removal Tool	e.g. Panel Pry Tool #1 Toyota SST # 00002-06001-01
Side Cutters	To Trim Wire Ties
10mm Socket & Ratchet or 10mm Wrench	For Negative Battery Cable
Torque Wrench	For Negative Battery Cable
Special Chemicals	**Notes**
Cleaner	Approved Cleaner

General Applicability

MY23 and newer Crown/Signia models

Recommended Sequence of Application

Item #	Accessory
1	Illuminated Door Sill
2	Carpet/All Weather Floor Mat

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description
1	2	CLIP, NO.1 (Cowl Clip) - 90467-10161
2	2	CLIP, NO.2 (Cowl Nut) - 90467-06147
3	2	CLAMP, COWL SIDE TRIM (Metal Clip) - 62566-30010

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.



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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.

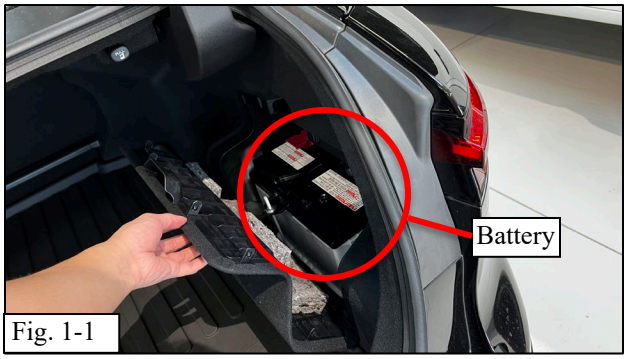


Fig. 1-1

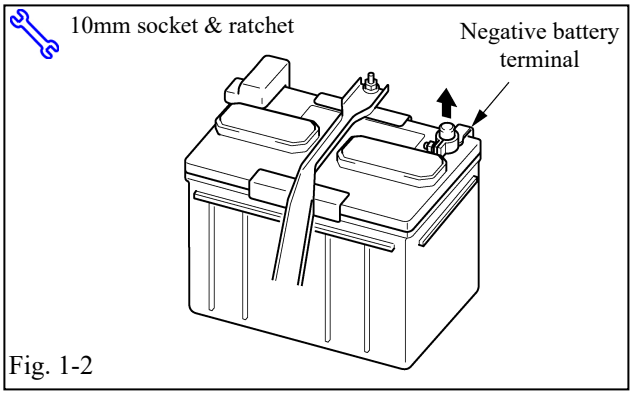


Fig. 1-2



Fig. 2-1

1. Disassemble the Vehicle.

(a) Set the parking brake.

(b) Open both Front Doors.

(c) Remove the negative battery cable (Fig. 1-1 & 1-2).

(1) Protect the bumper before starting.

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

2. Illuminated Door Sill Installation

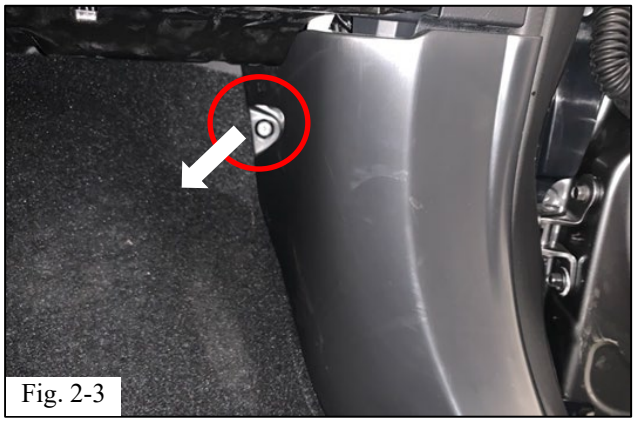
(a) Use a nylon trim removal tool to remove the inner door sill trim piece (Fig. 2-1).

CAUTION: Do not bend or break the bottom tabs at either end of the sill trim.



Fig. 2-2

(b) Use a nylon trim removal tool to remove the OE door sill by disengaging four clips. (Fig. 2-2).


Fig. 2-3

(c) Remove nut holding on cowl side cover using either a Phillips screwdriver or by hand. (Fig. 2-3).

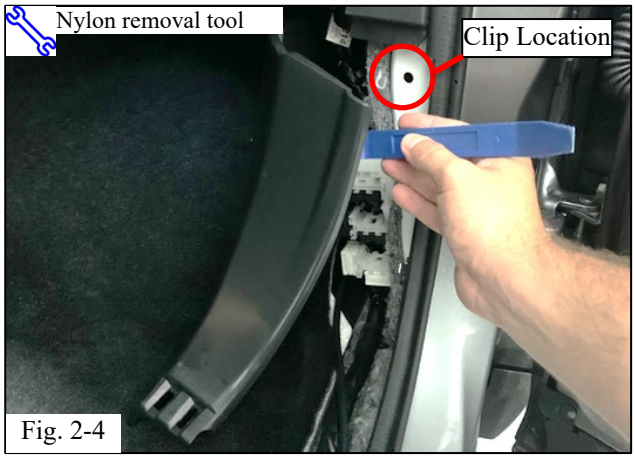


Fig. 2-4

(d) Remove the cowl side cover by using a nylon trim removal tool to disengage the clip. (Fig. 2-4).

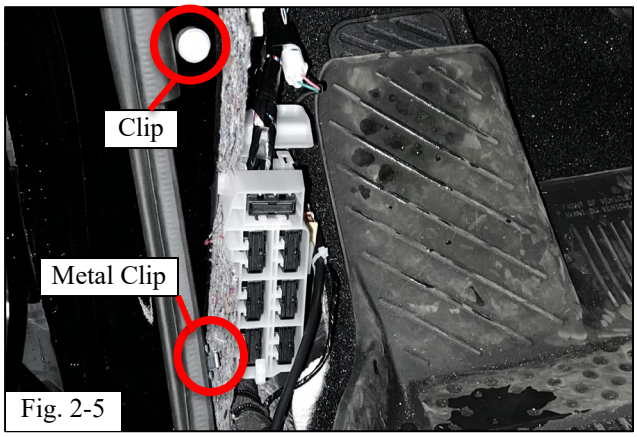


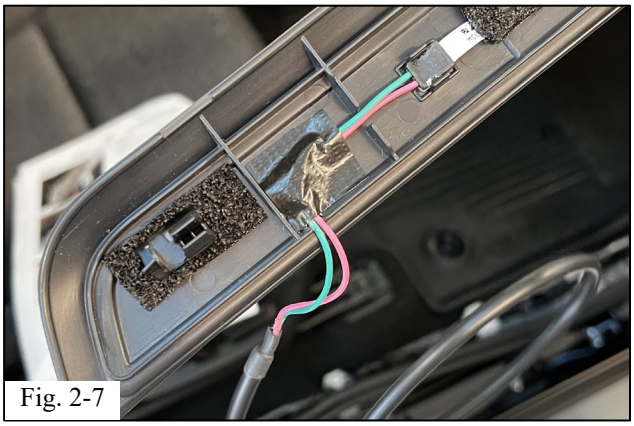
Fig. 2-5

(e) Remove the one (1) push clip if they remain in the body panel using a nylon pry tool. (Fig. 2-5).

(f) Reinstall Metal Clip in the proper orientation if they are pulled off from the body panel. (Fig. 2-5)


Fig. 2-6

(g) Lift the weather seal from the bottom pinch weld. (Fig 2-6)


Fig. 2-7

(h) Before installing the illuminated door sill in the sheet metal, ensure the wiring is properly routed through the underside of the part as shown. (Fig. 2-7)

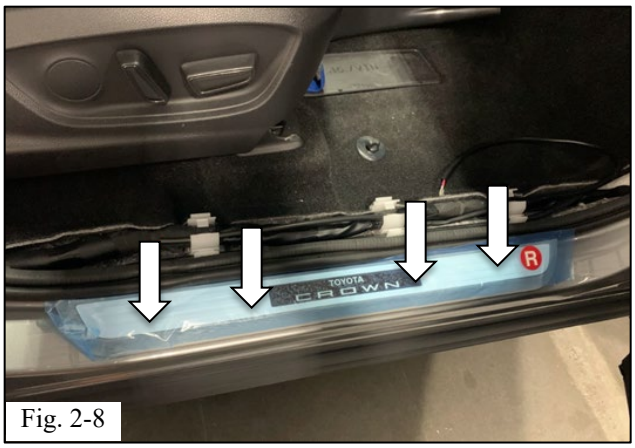
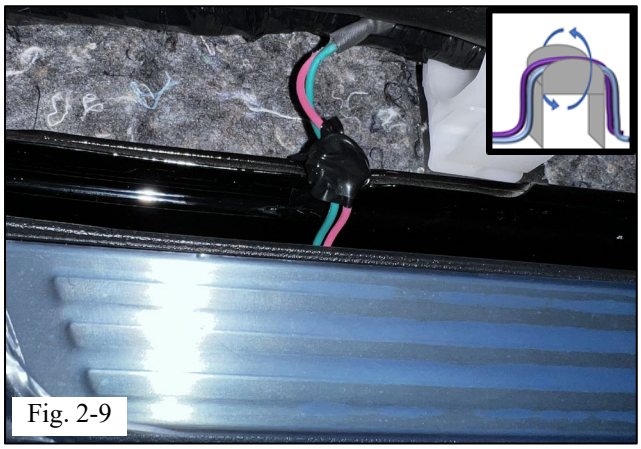


Fig. 2-8

(i) Install the illuminated doorsill by engaging the four (4) clips. Press down firmly in each of the clip locations to make sure the clips are fully engaged. (Fig. 2-8)


Fig. 2-9

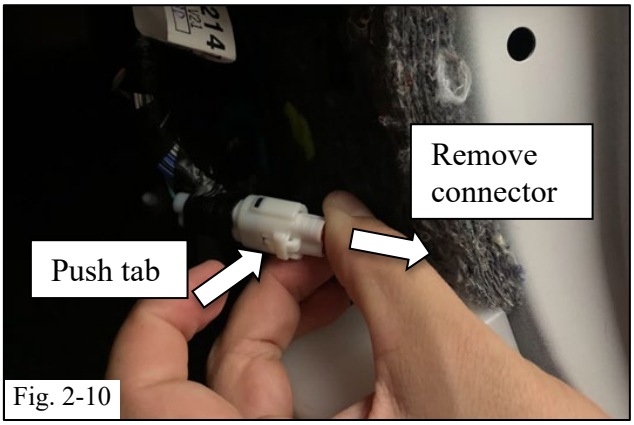
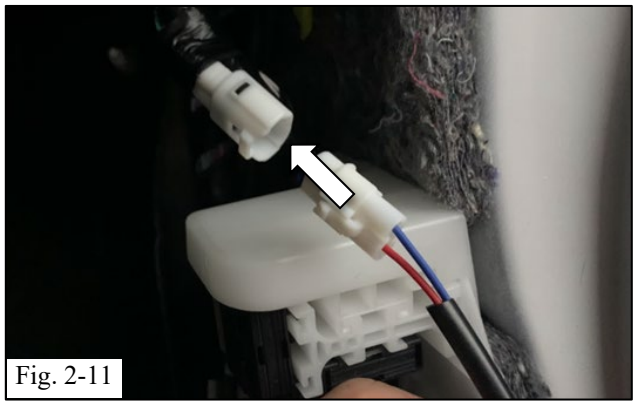


Fig. 2-10


Fig. 2-11

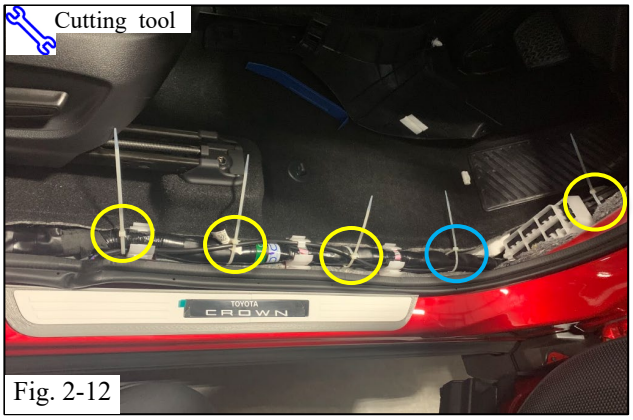


Fig. 2-12

(j) Place one pinch weld bridge on the pinch weld in the area where the cable exits the door sill. (Fig. 2-9)

(1) Secure the door sill cable to the pinch weld bridge by looping electrical tape (Fig. 2-9)

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

(2) Thread the door sill harness under the weather seal and reinstall the weather seal over the pinch weld bridge.

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

(k) Locate the white connector taped to the vehicle harness in the kick panel area. Press the tab on the empty connector to disengage and remove it. (Fig 2-10)

(l) Plug the illuminated door sill harness connector into the white vehicle harness connector. (Fig 2-11)

(m) Route the illuminated door sill harness behind the white connector housing and along the vehicle harness. Use 5 cable ties to secure the harness in the locations shown. Place the 4th cable tie (circled in blue) as far forward on the bundle as possible. Trim excess length of cable ties with a cutting tool. (Fig 2-12).

NOTE: Be sure not to cable tie directly to bare wires. Cable ties should only contact vinyl tubing around wire harnesses.

(n) Clip kick panel back into place and reinstall the plastic nut with either a Phillips screwdriver or hand tightening.

(o) Reinstall the vehicle inner door sill trim piece by applying pressure to engage the clips.

(p) Repeat steps 2(a) through 2(m) for the driver side illuminated door sill.

3. Perform an In-Process Functional Test.

(a) Temporarily reconnect the battery.

(b) Turn the ignition key to the ACC position.

(c) Confirm that the illuminated doorsills function properly. (Fig. 3-1)

(1) Door open – Front door sills are illuminated.

(2) Door closed – Front door sills are not illuminated.

(d) Disconnect the battery negative cable



Fig. 3-1

4. Reassemble the Vehicle.

(a) Reassemble the vehicle in the opposite order that it was disassembled.

(b) Reconnect the battery negative cable (Fig. 4-1)

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

(c) Be careful not to touch the positive battery terminal with any tools.

(d) Clean up and remove any waste.

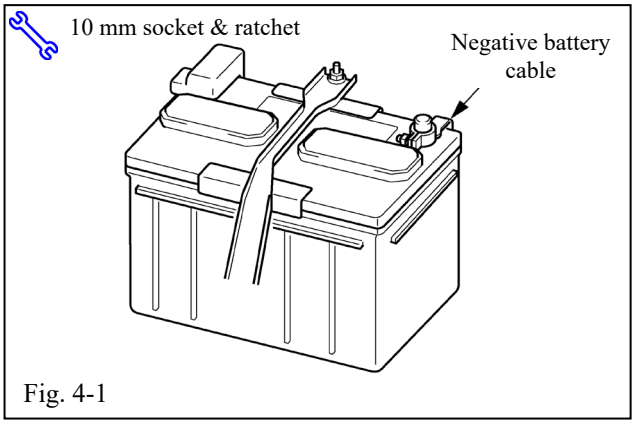


Fig. 4-1

TOYOTA CROWN/CROWN SIGNIA 2023 - ILLUMINATED DOOR SILLS

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

Check:	Look For:
Accessory Function Checks	
☐ Illuminated Door Sills	*Verify the proper operation of the Illuminated Door Sills. Door open – Front door sills are illuminated. Door closed – Front door sills are not illuminated.
Vehicle Function Checks	
☐ Dome light.	Proper operation of the dome light.
☐ Foot well lighting.	Proper operation of the foot well lighting.
☐ Door courtesy lights	Front door courtesy lights should operate normally.
☐ Power door locks, power mirrors, power windows	Power door locks, mirrors, and windows should function normally.
☐ Smart key functions	Smart key functions should operate normally.
☐ Parking brake light	Apply the parking brake and confirm the brake dash light comes on.
☐ High beam dash light	Turn on the headlights, activate the high beams and verify the high beam dash light comes on.
☐ Dimmer switch	Dimmer switch operates properly.
☐ HVAC	HVAC system operates properly.
☐ Steering wheel controls	The steering wheel controls operate properly.
Vehicle Appearance Check	
☐ 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.)