

Part Number: PTS25-52081

Kit Contents

Item #	Quantity Reqd.	Description
1	1	LH Tail light Assembly
2	1	RH Tail light Assembly
3	1	Hardware Bag

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	1	Compliance Card
2	2	"TYC" Stickers
3	1	Installation Manual
4	2	Replacement snap pin fastener

Additional Items Required For Installation

Item #	Quantity Reqd.	Description

Conflicts

None

Recommended Tools

Personal & Vehicle Protection	Notes
Blankets	
Special Tools	Notes
Installation Tools	Notes
Wrench	10mm
Ratchet	With 10mm socket
Pry tool	Non-scratch
200 in-lbs Torque Wrench	With 10mm socket
Masking tape	
Special Chemicals	Notes
Approved Vehicle Cleaners	

General Applicability

--

Recommended Sequence of Application

Item #	Accessory
1	Tail Lights
2	
3	

*Mandatory

NOTE: Part number of this accessory may not be the same as the part number shown.

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description
1	4	90178-05001, Rear combination lamp nut
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.

Replacement bulbs are available locally or through your TOYOTA Dealer.

Description	Universal P/N	TOYOTA P/N
Brake/Park	N/A	N/A
Turn Signal	7684, 798E	90981-15021
Backup	7505	90981-11059
Rear Combination Lamp Guide	N/A	81496-52020

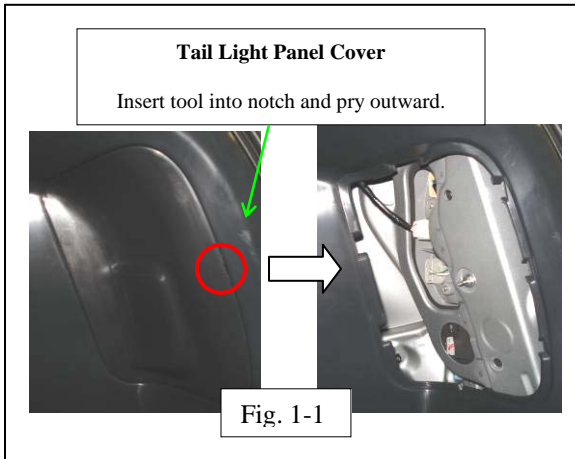
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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. Preparation.

- (a) Disconnect negative battery terminal.
- (b) Apply protective sheet/cover over rear bumper.

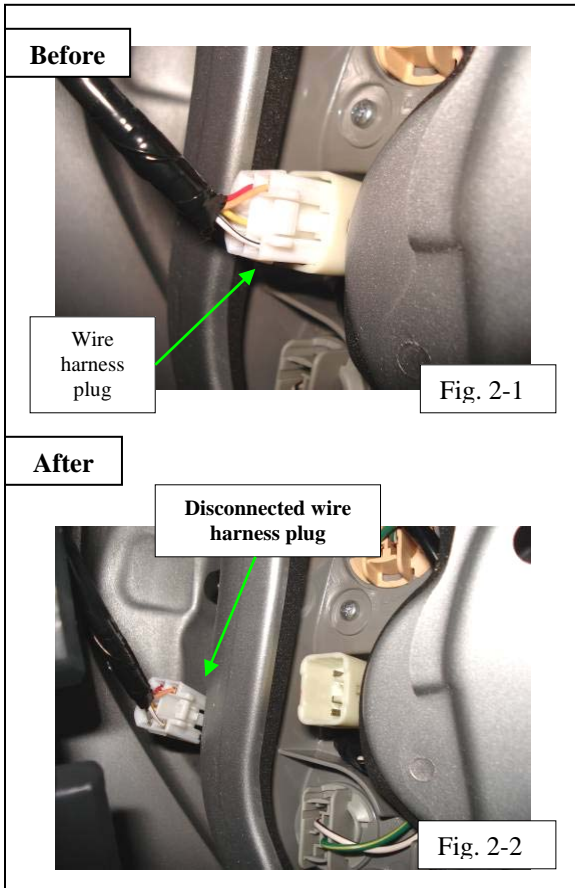
2. Vehicle Disassembly.



- (a) Using a non-scratch pry tool, remove driver side and passenger side rear tail light panel covers. (Fig. 1-1)



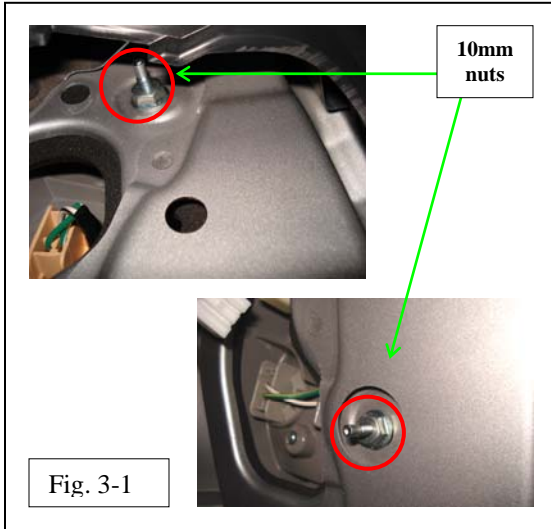
- (b) Safely put aside tail light covers.



- (c) Disconnect the driver side and passenger side tail light connectors. (Fig. 2-1)

- (1) Depress white clip on harness plug.
- (2) Pull plug away from socket plate. (Fig. 2-2)

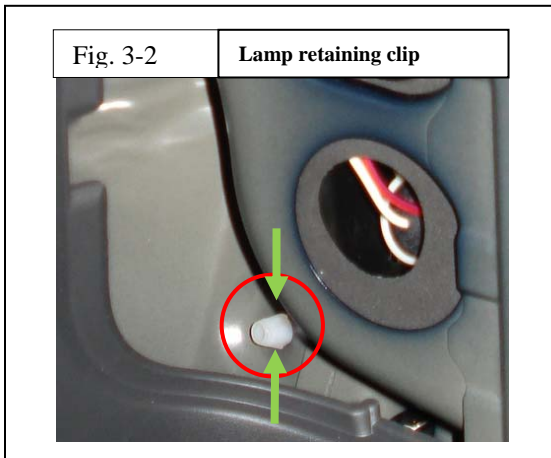
- (d) Prior to removing the OE tail lights, add tape to the quarter panel and bumper fascia surfaces that may get scratches or chipped during removal and install of tail lights.



(e) Remove the 2 (10mm) nuts securing the driver side OE tail lamp to the vehicle by using a 10mm wrench/socket. (Fig. 3-1)

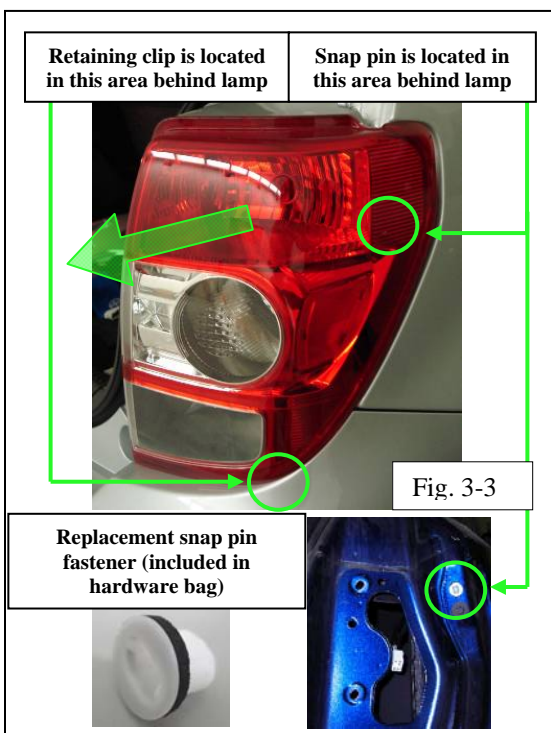


(1) Place a blanket into the tail lamp opening to prevent nuts from falling into the openings.



(f) Disengage the lamp lower retaining clip in the lower corner of the lamp. (Fig. 3-2)

- (1) Depress the two tabs.
- (2) Push the pin outward.

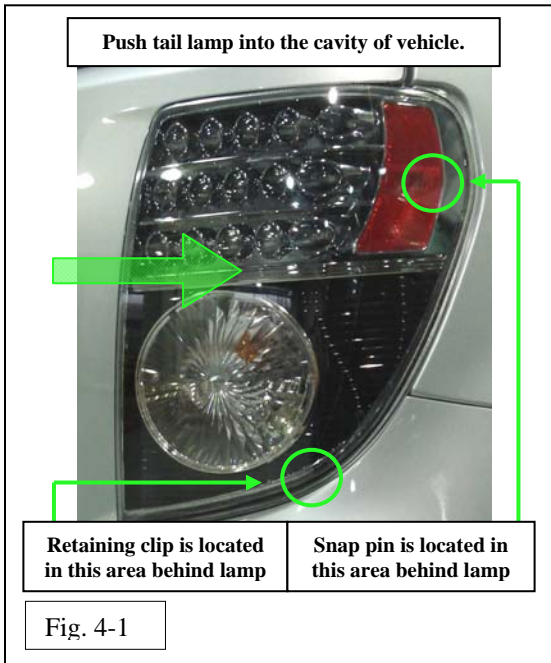


(g) Loosen the tail light assembly and be aware there is a snap pin on the upper corner of the lamp. Pull lamp outwards to disconnect.



- (1) Additional force may be necessary to disconnect the snap pin. (Fig. 3-3)
- (2) If the rear snap pin fastener breaks or comes loose during removal process, replace with provided replacement parts.

(h) Repeat steps (e) through (g) for passenger side tail lamp removal.



3. Installation.

(a) Position the driver side TYC lamp into the driver side tail light cavity.



(1) Align the lower retaining clip, two mounting studs and snap pin with the holes in the vehicle chassis.

(2) Push the lamp in and make sure both the snap pin and lower clip fully engages. (Fig. 4-1)



10mm Tool

(b) Install the (2) 10mm nuts by using a 10mm socket and torque wrench and torque to 3.2 N·m (28 in·lbf). (Fig. 4-2)

(c) Connect the OE wire harness to the TYC tail light wire harness.

(1) Verify that the connectors are completely interlocked. (Fig. 4-3)

(d) Repeat steps 3(a) through 3(c) for the passenger side tail lamp installation.

4. Testing.

(a) Re-connect negative battery terminal. Torque to 4.1 N·m (36 in·lbs).



(b) Perform function checks. See function checks on the last page. (Pg. 5)

5. Vehicle reassembly.



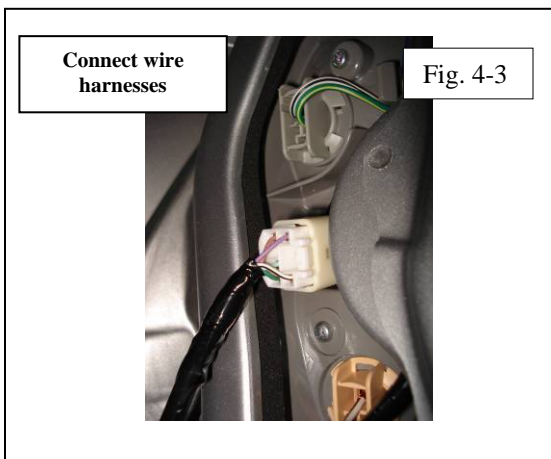
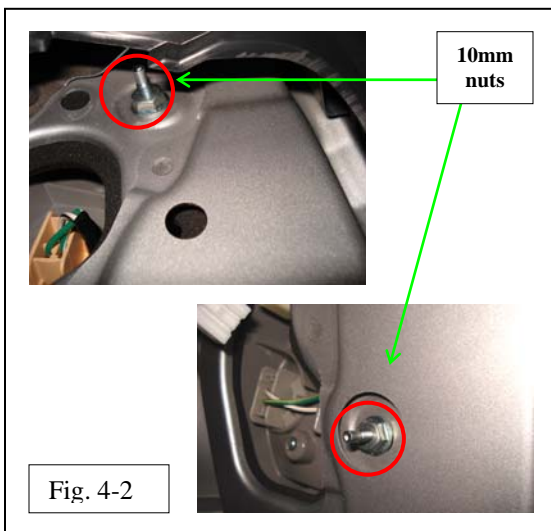
(a) Replace tail light access panel covers on both sides of the vehicle.

6. Completing the installation.

(a) Place TYC stickers and compliance card in the glove box.

(b) Remove the protective material from quarter panel/rear bumper fascia.

(c) Clean surfaces with approved cleaner.



SCION **xD** **2008 -** **TAIL LIGHT ENHANCEMENT**
Checklist - these points **MUST** be checked to ensure a quality installation.

Check:

Look For:

Accessory Function Checks

- Park Light
- Brake Light
- Signal Light
- Backup Light

Proper operation
Proper operation
Proper operation
Proper operation