Part Number: PT546-00120, PT546-00121

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

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Receiver Assembly Radio Unit
2	1	Owner's Manual
3	1	Hardware Bag
4	1	Conversion Cable: USB
5	1	Conversion Cable : 28Pin
6	1	Conversion Cable : Antenna

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	8	Bolt (M5×8)

iPod Cable Contents

Item #	Quantity Reqd.	Description

Additional Items Required For Installation

Item #	Quantity Reqd.	Description

Conflicts

None

General Applicability

All Scion xB

Recommended Sequence of Application

Item #	Accessory

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description

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.

Recommended Tools

Personal & Vehicle Protection	Notes
Vehicle protection	Blankets

Special Tools	Notes
USB Flash Drive Media	Must contain MP3 songs

Installation Tools	Notes
Panel Clip Removal Tool	e.g. Toyota SST P/N:- 00002-06002-01
Wrench	Open End, 10mm
Socket	10mm
Screwdriver	Phillips, #2
Torque Wrench	4.1 N·m (36 lbf ·in)
Masking Tape	(2'' wide)

Special Chemicals	Notes
None	

Parts Description of Receiver Assembly Radio Unit (PT546-00120 or PT546-00121)

PT546-00120

PT546-00121

Item #	Parts Name	Parts No.	Qty
1	Receiver Assembly Radio Unit	PT546-00120 or PT546-00121	1

Parts Description of Mounting Kit

Item #	Parts Name	Qty
1	Bolt (M5 x L8)	8

Parts Description of Conversion Cable Harness
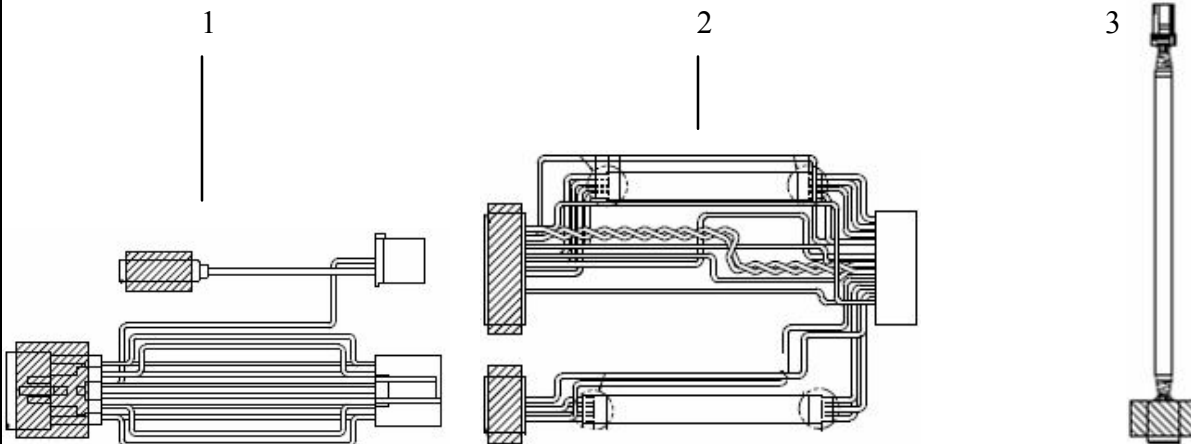
Item #	Parts Name	Parts No.	Qty
1	Conversion Cable : Antenna	PT546-00120-AD	1
2	Conversion Cable : 20pin + 8pin to 28pin	PT546-00120-CH	1
3	Conversion Cable : USB	PT546-00120-US	1

Procedure

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.

10mm Socket, Ratchet

Battery

Negative Battery Cable
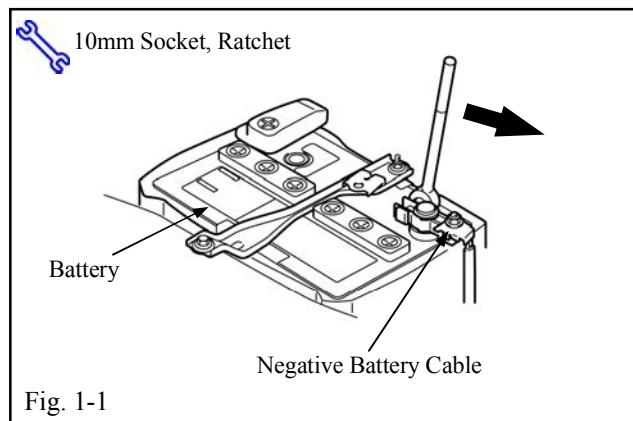
Fig. 1-1

1. Vehicle Protection

(a) Remove the negative battery cable (Fig. 1-1).

   (1) Protect the fender before starting.

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

(b) Check kit contents.

2. Disassembly of Vehicle

NOTE: Place all removed parts on a protected surface.

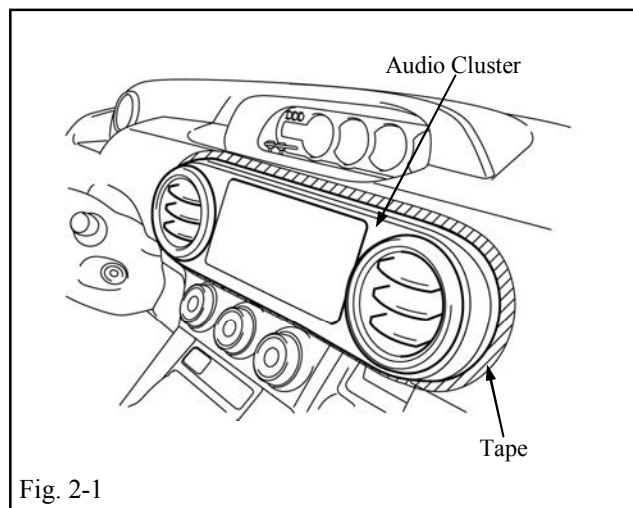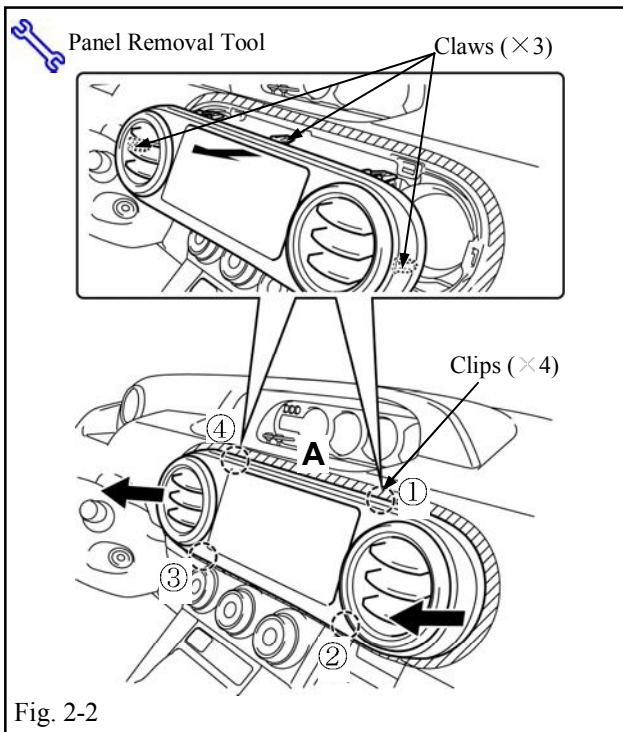**NOTE:** When disconnecting wiring connectors do NOT pull on the wiring, pull on the connector only.

NOTE: Engage the parking brake while working.

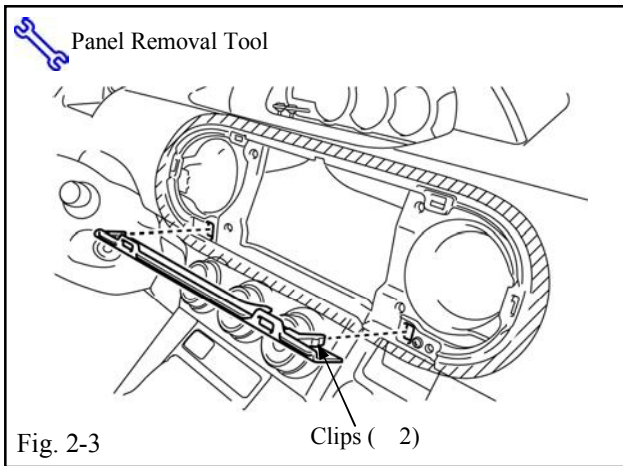Audio Cluster

Tape

Fig. 2-1

(a) Remove the audio cluster.

   (1) In order to prevent scratches, apply tapes around the audio cluster (shaded areas in the figure) before removing the audio cluster (Fig. 2-1).
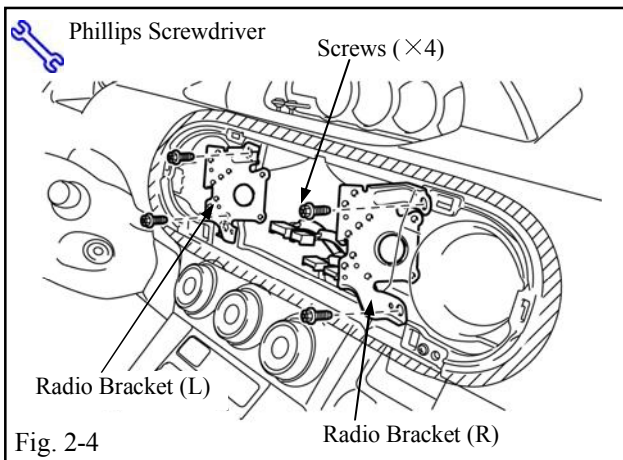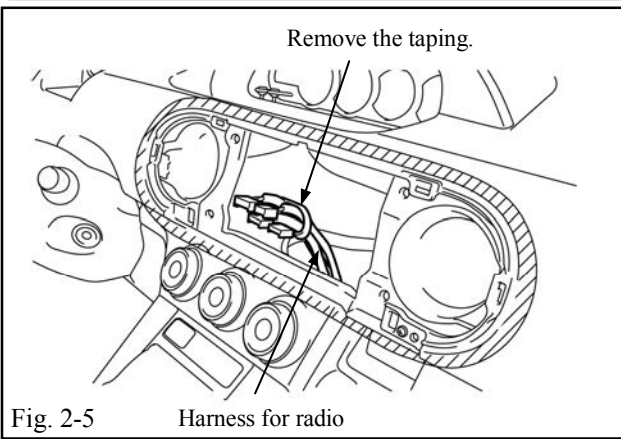
Fig. 2-2

(2) Insert a removal tool to the section marked "A", and disengage the claws and clips ( ) through (④), then remove the audio cluster (Fig. 2-2).
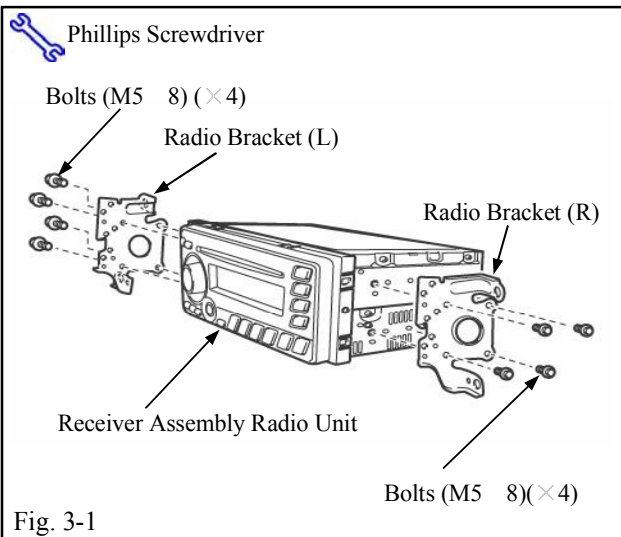

Fig. 2-3

(3) Disengage the clips and remove the audio cluster under plate (Fig. 2-3).

Fig. 2-4

(b) Remove the radio brackets (R) and (L) from the interior panel (Fig. 2-4).

Remove the taping.

Fig. 2-5   Harness for radio

(c) Remove the taping on the harness for the radio unit (Fig. 2-5).

Phillips Screwdriver

Bolts (M5 8) (×4)

Radio Bracket (L)

Radio Bracket (R)

Receiver Assembly Radio Unit

Bolts (M5 8)(×4)

Fig. 3-1

3. Installing the receiver assembly radio unit

(a) Install the radio brackets (R) and (L) on the receiver using the bolts from the hardware bag (Fig. 3-1).

Connect this end to radio

Fig. 3-2   Connect this end to the vehicle
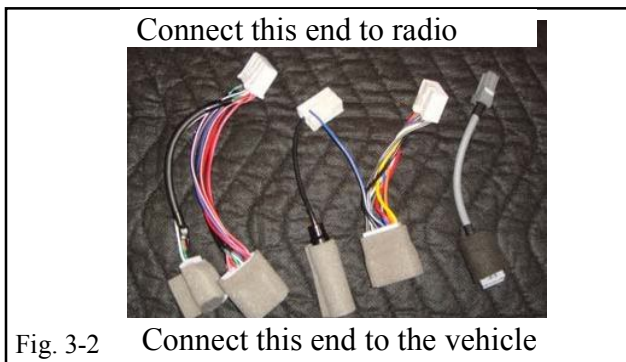
(b) Connect each conversion cable to the vehicle harness, and then to the radio. (Fig. 3-2) Note: the connectors wrapped with foam are to be plugged in to the vehicle harness

Phillips Screwdriver

Screws (×4)

Connect the antenna cable and connectors to the radio.
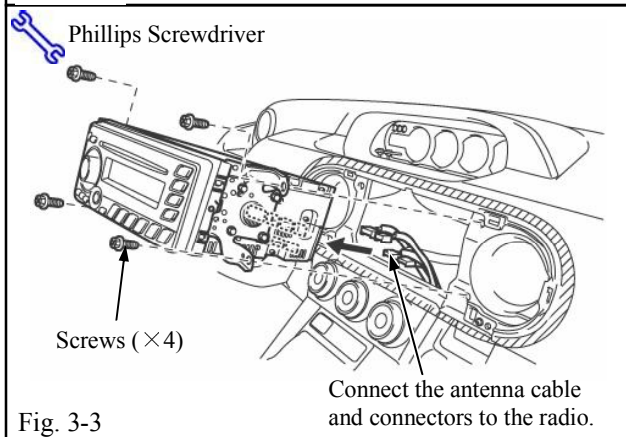
Fig. 3-3

(c) Install the receiver in the instrument panel. (Fig. 3-3)

(1) Fasten the receiver assembly radio unit with four screws.

Fig. 4-2 iPod/USB button
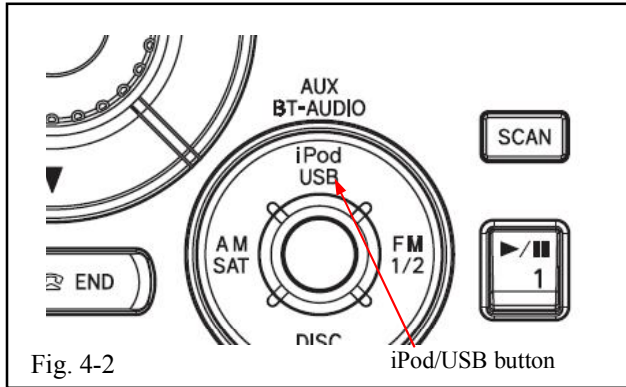
4. USB check procedure.

(a) Connect the USB flash drive media to the vehicle's USB/AUX connector. (Fig. 4-1)

(b) Press iPod/USB button on the head unit to select the USB audio function. (Fig. 4-2)

(c) Confirm song plays.

(d) Remove flash drive from USB connector.

(e) Press the engine switch off.

Note: Select USB mode on the premium radio by pressing the "source" button on the touch display screen, then selecting USB mode.

iPod button

Fig. 4-1
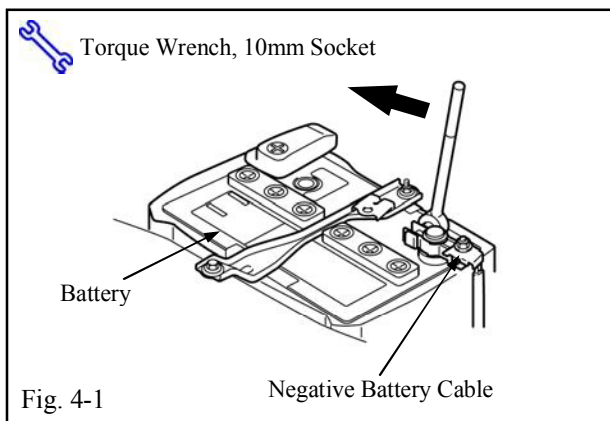
5. Completing the installation

(a) Complete the reassembly of the vehicle.

(1) Reconnect any disconnected connectors.

(2) Verify the panels fit together properly with no uneven gaps between them.

(b) Clean up and remove any trash.

(c) Reconnect the vehicle's negative battery cable to original factory position. (Fig. 4-1).

(1) Tighten the nut to 4.1 N•m (36 lbf•in).

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

(d) Perform functional checks.

(e) Place the owner's manual in the glove box.

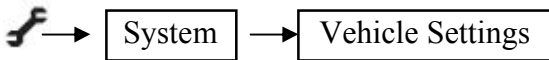Checklist - these points **MUST** be checked to ensure a quality installation.

Check:	Look For:
Accessory Function Checks	
☐ Insert CD audio disc and confirm operation.	Functioning CD player
☐ Turn radio on and confirm operation.	Radio functions properly.
☐ Antenna is functional.	Reception of AM/FM stations
☐ Fade	Functioning fade, front to rear speakers
☐ Balance	Functioning balance, left to right speakers

☐ PT546-00121: Press following sequence.

🔧 → [System] → [Vehicle Settings]

.   PT546-00120: With radio off, press and hold

     the multi knob for 5 seconds. Then go to

     Car Type menu.

Verify radio's vehicle type is set xB.

Vehicle Function Checks

☐ Steering Wheel audio controls	Functioning audio controls
☐ Rheostat	Functioning dimmer control