

Part #: PT923-00090

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

Conflicts: JBL Audio

Kit Contents:



Hardware Content

Item#	Quantity Reqd.	Description
1	1	Interface Module
2	1	Main Power Harness
3	1	3 Button Switch
4	1	Microphone
5	10	9.5" Lock Ties
6	1	Microphone Tape
7	1	Owner's Manual
8	33cm	1/4" Wire Split Loom

Additional Items (may be required)

Item#	Quantity Reqd.	Description

Recommended Sequence of Application

Item#	Quantity Reqd.	Description

Vehicle Service Parts (may be required for reassembly)

Item#	Quantity Reqd.	Description

General Applicability

Note:

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Goggles	
Seat Covers	
Floor Covers	
Special Tools	Notes
Panel Clip Removal	SST # 00002-06001-01
Sockets	10 mm
Screwdriver	Phillips, #2
Side Cutters	
Torque Wrench	36 in-lbf (4.07 N.m)
Installation Tools	Notes
Masking Tape	VDC Supplied
Foam Tape	VDC Supplied
Special Chemicals	Notes
Cleaner	VDC Approved Cleaner

Legend

- STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.
- CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle.
- OPERATOR SAFETY:** Use caution to avoid risk of injury.
- TOOLS & EQUIPMENT:** Used in Figures to call out the specific tools and equipment recommended for the 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.
- VIDEO:** Video Available; click to Play

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Accessory Installation Practice (read before installation)

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.

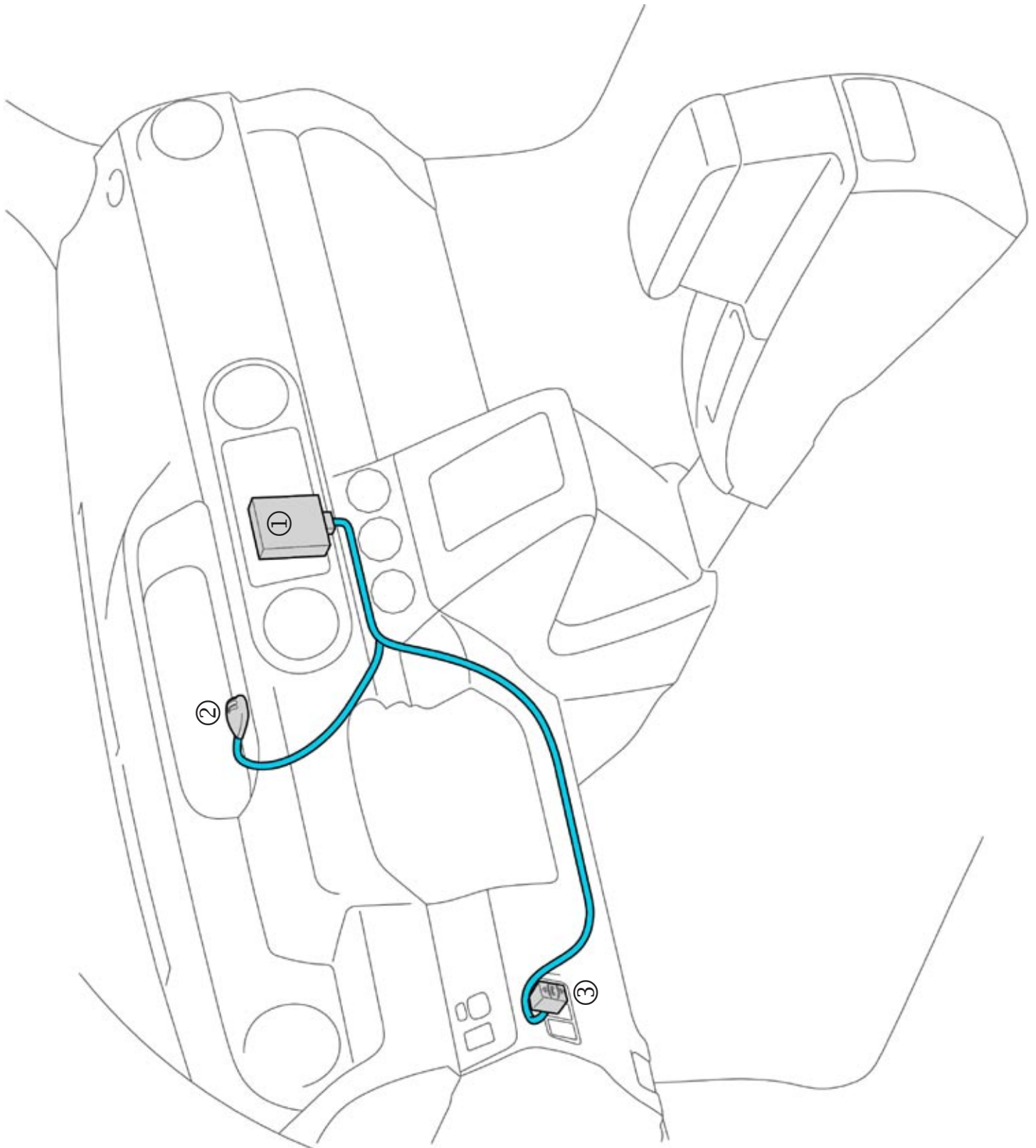
This document covers such items as:

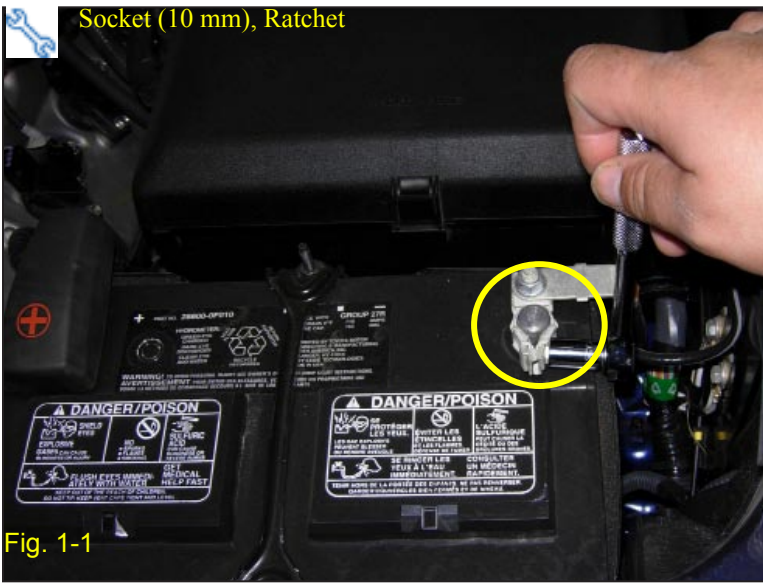
- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.)
- Safety (eye protection, checking torque procedure, etc.)
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.)
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.)

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

Preparation

Content Location	
1	Interface Module
2	Wired Microphone
3	3 Button Blu Logic Switch





1. Vehicle Preparation (Fig. 1-1)



- a. Apply parking brake.
- b. Protect fender before starting.
- c. Remove the negative (-) battery cable.



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

- d. Using the protective blanket, cover front seat, side of the shift lever and center console.
- e. Place removed vehicle components on a protective blanket.



2. Vehicle Disassembly

- a. Remove air vent assembly.
 - 1. Apply protective tape under the panel.
 - 2. Remove lower trim garnish (Fig. 1-2).
 - 3. Pull air vent assembly out.



- b. Remove radio assembly.
 - 1. Remove four (4) 10 mm bolts securing the radio (Fig. 1-3).



- 2. Support the radio on a support box (or with other appropriate means) to prevent any damage to the connections as well as preventing scratches.



NOTE: Be careful not to put too much tension on the radio connections when pulling out the radio.

- 3. Disconnect any connectors and remove.



Fig. 1-4

3. BLU Logic Switch Installation

- a. Remove lower knee panel (Fig. 1-4).
 1. Using your hands disengage the knee panel from the bottom and remove.
 2. Disconnect any connectors.

- b. Mount the BLU Logic switch.
 1. Remove far right (view from front) blank plug (Fig. 1-5).

NOTE: If far right plug is occupied, use next available blank plug.

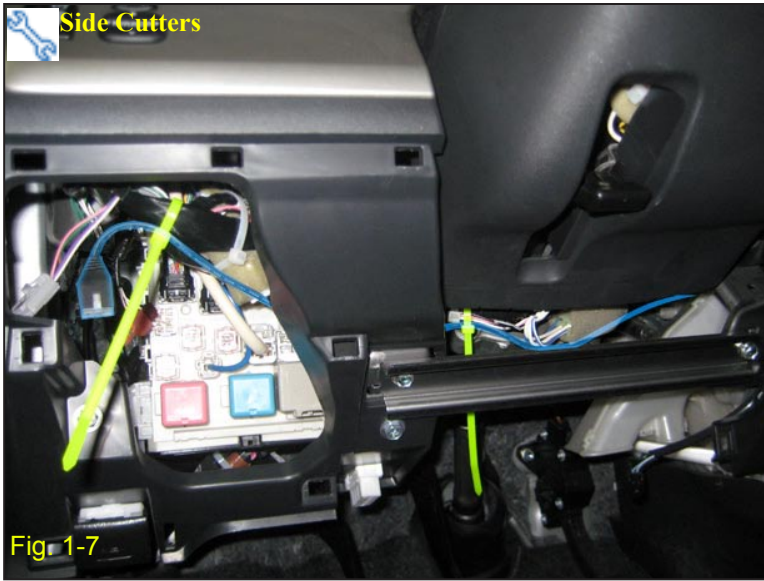
2. Mount BLU Logic switch with solid arrow pointing up (Rollover Image).

- c. Route the switch extension cable.

1. Go through the opening of the radio towards the knee panel (Fig. 1-6).



Fig. 1-6



2. Follow existing wire loom behind metal brace (Fig. 1-7).
3. Remove slack and connect to BLU Logic switch.
4. Secure to existing wire loom with wire ties.
5. Cut off excess wire ties.

NOTE: Switch extension will connect to module later.

6. Reinstall knee panel.



4. Microphone Installation

- a. Remove instrument cluster bezel.
 1. Apply protective tape to the right of the bezel
 2. Using appropriate panel tool, disengage left side of panel and work your way to the right side (Fig. 1-8).

- b. Mount the microphone.

1. Apply 33 cm of the 1/4" wire split loom to the microphone end of the cable leaving 8 mm of wire exposed (Fig. 1-9).
2. Secure wire loom to microphone wire with tape.





Fig. 1-10



Fig. 1-11



Fig. 1-12

3. Clean the instrument bezel with VDC approved cleaner.

NOTE: The microphone should line up with the third line on the top of the bezel (Fig. 1-10)

4. Mount the microphone towards the rear of the bezel to minimize the amount of exposed wire visible to the customer. 0-8mm of exposed wire is acceptable (Fig. 1-11).

c. Route microphone wire.

1. Feed the wire through the opening of bezel down towards the opening of the radio (Fig. 1-12).



Fig. 1-13

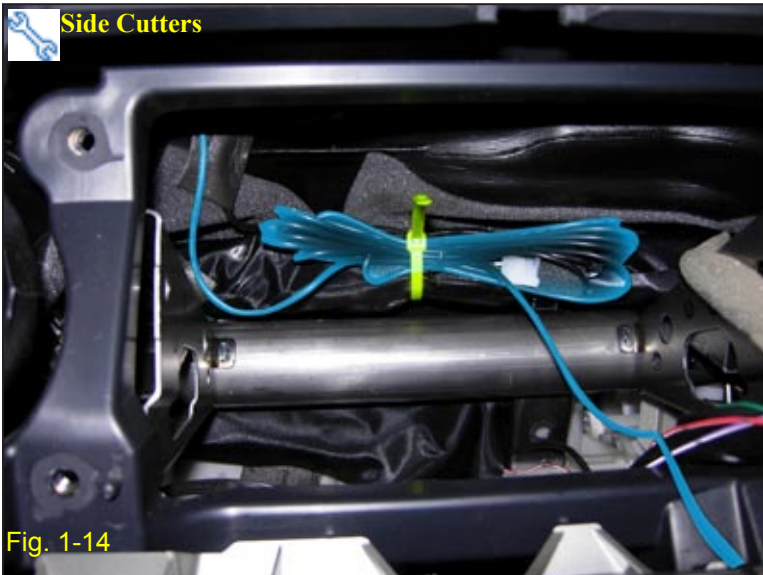


Fig. 1-14

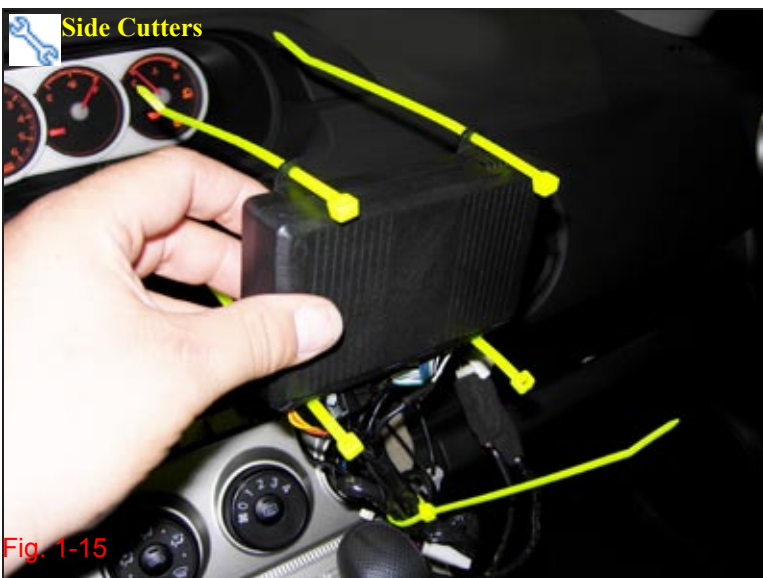


Fig. 1-15

2. Reinstall the instrument cluster bezel (Fig. 1-13).

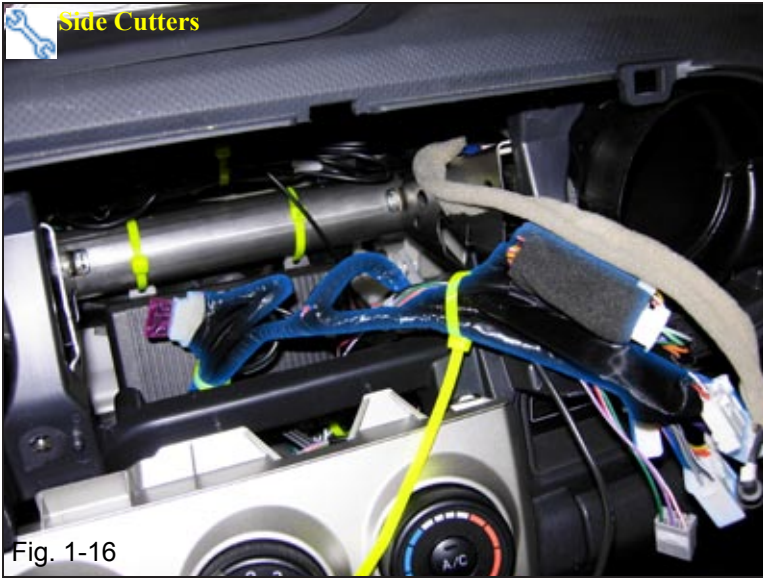
3. Bundle up excess microphone and switch wire and secure to existing wire loom with a wire tie (Fig. 1-14).

NOTE: Make sure to leave a pig tail that will connect to interface module.

5. Interface Module Installation

- a. Mount the interface module.
 1. Insert four (4) wire ties through the interface module (Fig. 1-15).
 2. Connect microphone and switch to interface module.
 3. Connect main wire harness to interface module.

NOTE: The Red connector is connected to the matching Red connector on the module.



- b. Secure module to crossbar behind the radio (Fig.1-16).
- c. Connect main wire harness to matching vehicle radio harness.
 - 1. Secure main wire harness to vehicle harness.
 - 2. Connect main wire harness to matching radio connectors.



NOTE: AVC-LAN (12 pin) connector may not be present on the vehicle's harness. Wire tie this connector to the harness unconnected, but ALWAYS connect the AVC-LAN (12 pin) connector into the radio.

If AVC-LAN (12 pin) connector is present on vehicle harness, connect to jumper provided with BLU Logic unit.

- d. Reinstall radio.

NOTE: If any other accessories are installed that connect to the head unit, BLU Logic should be the unit that plugs into the radio first.

- e. Reinstall radio bezel.
- f. Position negative battery cable at the original factory position (tighten the nut to 36 in-lbs (4.07 N.m)).



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

- g. Place owner's manual in glove box or hand to customer.

CHECKLIST – these points MUST be checked to ensure a quality installation.

Accessory Function Checks

Major Action Item

	Check:	Look For:
1	Factory Radio	Install fuse (short pin) for the following function checks. Remove fuse (short pin) once function checks are Turn on the radio and verify that the Blu Logic Module will mute the audio. With the radio on, press the middle button on the Blu Logic switch and verify that the audio is muted.
2	Interface Kit	Verify the proper connection of the Interface kit by pressing and holding the middle button on the switch until you hear one (1) beeps. Pairing the module to a phone is not required. This is the customers (or dealers) responsibility.
3	Audio Output	Turn the balance to the L and verify that one (1) beep is coming from the left front speaker. Repeat for the (R) right front speaker.

Vehicle Function Check

	Vehicle Function		Vehicle Function Detail
<input type="checkbox"/>	Audio AM/FM	<input type="checkbox"/>	Verify the proper operation of audio AM/FM.
<input type="checkbox"/>	Hazard Switch	<input type="checkbox"/>	Verify the proper operation of the hazard switch.
<input type="checkbox"/>	HVAC	<input type="checkbox"/>	Verify the proper operation of the air conditioning system.
<input type="checkbox"/>	Traction Control Switch	<input type="checkbox"/>	Verify the proper operation of the traction control switch
<input type="checkbox"/>	NAV System (if equipped)	<input type="checkbox"/>	Confirm navigation operation by AVN diagnostics.
<input type="checkbox"/>	SRS Warning Light	<input type="checkbox"/>	Confirm SRS warning light illuminates for approximately 6 seconds with the ignition ON, and then goes out.
<input type="checkbox"/>	Tire Pressure Monitoring System (TPMS)	<input type="checkbox"/>	<i>Prior to TPMS activation and Pre-delivery Service (PDS) of the Vehicle the TPMS light will blink when IG is turned on.</i> <i>After TPMS activation and PDS of the Vehicle the TPMS light will illuminate for a few seconds and go off when IG is turned on.</i>

Kit Service Information

	Item:	Location:
1	3-Amp in-line Fuse	The fuse is located behind the HVAC assembly. To replace, follow Step 1-10 to access the fuse location. Note: If the fuse is blown, the Hands Free Blu Logic will not turn on.