

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	
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.

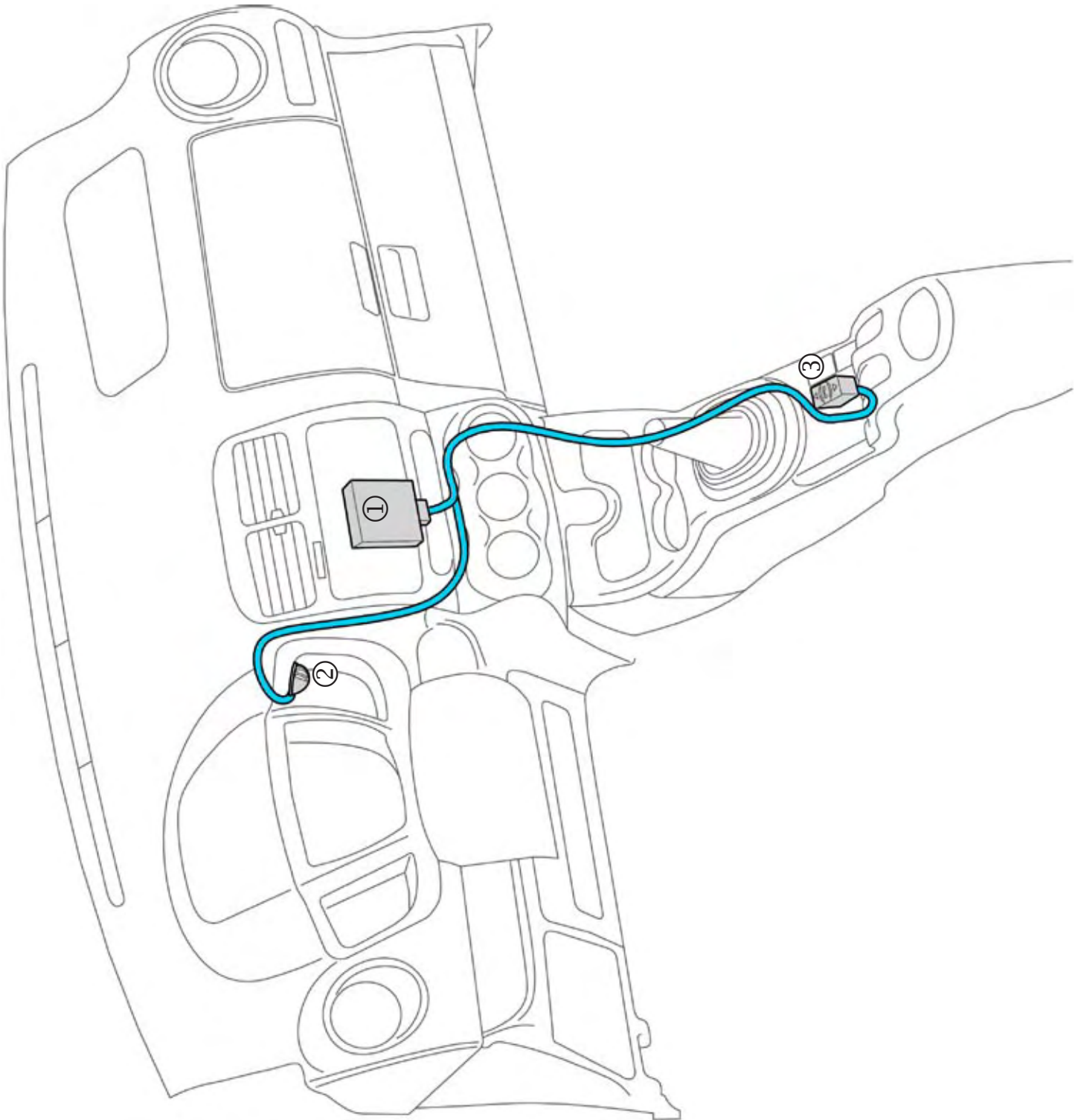
These guidelines can be found in the “Accessory Installation Practices” document.

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.

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 the radio.
 - 1. Apply protective tape to the right of the bezel.
 - 2. Using a panel removal tool, disengage the radio bezel (Fig. 1-2).

NOTE: Protective tape and panel tool not required if removed by hand.



- 3. Remove four (4) 10 mm bolts securing the radio (Fig. 1.3).
- 4. 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.



- 5. Disconnect any connectors and remove.



- b. Remove center floor console.
 - 1. Apply protective tape to the lower floor console.
 - 2. Using appropriate panel removal tool, remove the center subassembly (Fig. 1-4).



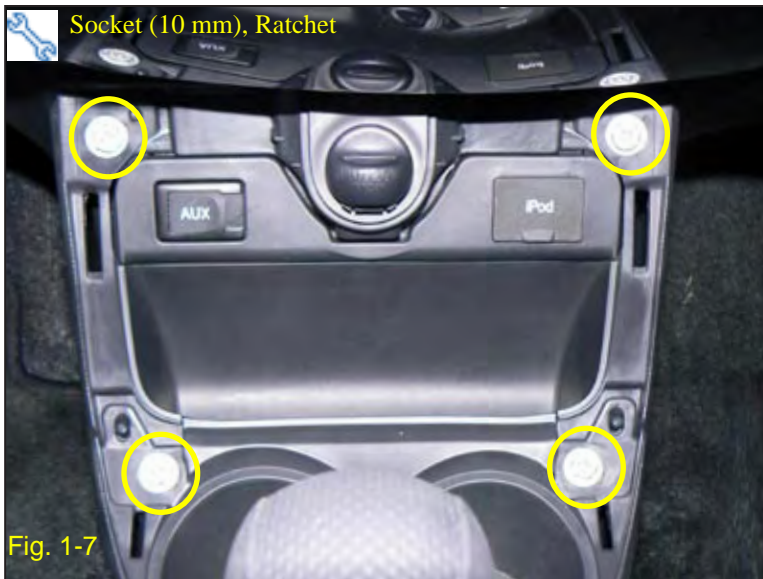
- 3. Remove cloth insert.
- 4. Remove the 10 mm bolt located in the rear cup holder (Fig. 1-5).



- 5. Remove upper center console bezel using your hands or appropriate panel removal tool (Fig. 1-6).

NOTE: Apply protective tape as needed if using tool.

NOTE: Start from the back and work your way to the front.



6. Remove four (4) 10 mm bolts (Fig. 1-7).



7. Carefully pull up the center floor console to remove (Fig. 1-8).



8. Using your hands, remove the lower front center console panel (Fig. 1-9).

3. BLU Logic Switch Installation

- a. Route the BLU Logic switch down from the radio opening into the console area (Fig. 1-10).

1. Route along existing wire loom (Rollover Image).

Note: Leave a 2-3 inch pig tail that will connect to the switch.

2. Secure with wire ties every 5-6 inches.
3. Cut off excess wire ties.

4. Mount the BLU Logic switch.

5. Remove the upper left blank plug from the center console. Center console was removed in Step 2.b2 (Fig.1-11).

NOTE – Use next available blank location if far left location is occupied.

6. Release the lock tabs from the back and remove (Rollover Image).

7. Make sure the solid arrow is pointing forward.

8. Connect the switch to the pig tail and reinstall the center console (Fig. 1-12).

9. Reverse steps to reinstall center console components and connect switch.



Fig. 1-12



4. Microphone Installation

- a. Remove the cluster bezel.
 1. Apply protective tape to the dash.
 2. Using your hand or appropriate panel removal tool, disengage the cluster bezel (Fig. 1-13).

3. Mount the microphone.



CAUTION: Clean the microphone mounting location with VDC approved cleaner.

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. 1-14).

NOTE: The microphone should be to the far right of the flat area.

5. Apply 33cm of 1/4" wire split loom to the microphone end of the cable.
6. Leave 8mm of wire exposed and secure the wire loom with tape.
7. Wrap the wire around the back of the cluster and secure the wire with tape (Fig. 1-15).

NOTE: Masking tape is to hold wire in place temporarily to complete the installation.

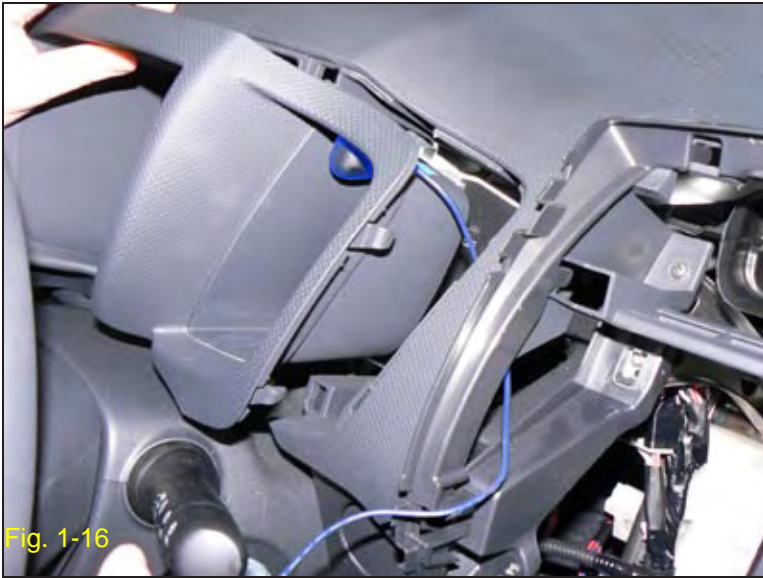


Fig. 1-16



b. Route the microphone wire towards the interface module (Fig 1-16).

1. Reinstall the cluster bezel.

NOTE: Make sure the microphone wire does not get pinched or come in contact with any sharp objects.

2. Leaving a little slack on the microphone side, secure microphone wire to support bar with wire tie(s).

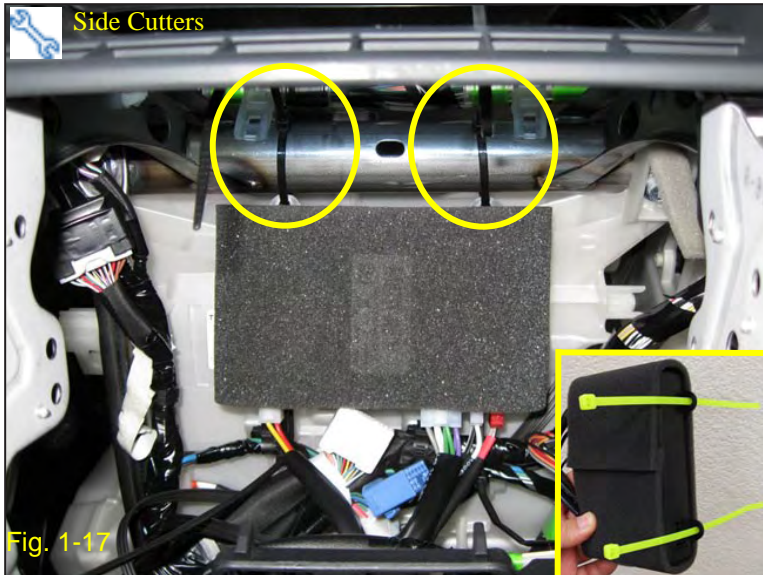


Fig. 1-17

5. Interface Module Installation

a. Mount the interface module.

1. Insert two (2) wire ties and loosely mount the module (facing down) to the crossbar (Fig. 1-17).
2. Swing the module up and connect the main power harness to their respective connections.

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

3. Connect the microphone and switch wire at this time.

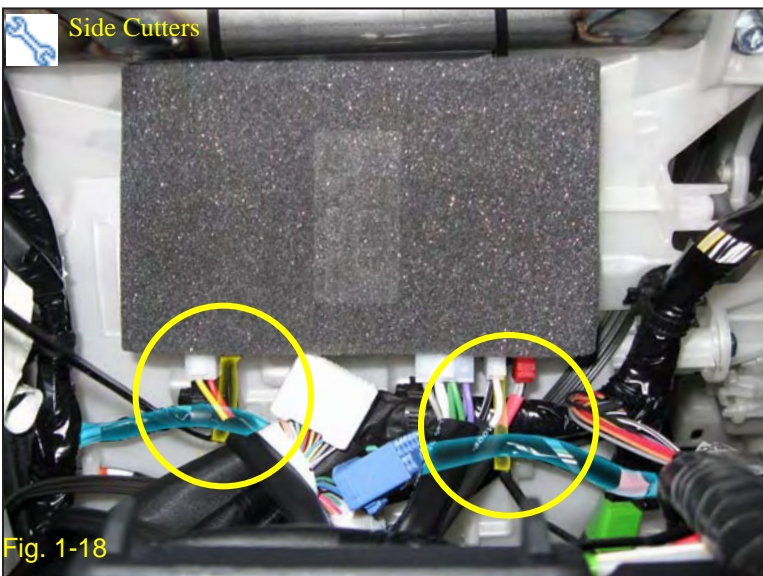


Fig. 1-18

4. After all module connections are connected, secure module with two (2) additional wire ties at the bottom to the existing wire loom (Fig. 1-18).

5. Tighten up all four (4) wire ties.



Fig. 1-19

6. Finalize the Installation

- a. Bundle excess microphone/switch wire and secure to main wire harness wire ties.
- b. Connect the main power harness to the radio's matching connections as needed (Fig. 1-19).



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.

- c. Reinstall the 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.

- d. Reinstall the radio bezel.
- e. 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.

- f. Place the owner's manual in the glove box or hand to the 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 complete. 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"/>	TRAC Control Switch (if equipped)	<input type="checkbox"/>	Verify the proper operation of the TRAC 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 radio assembly. To replace, follow Step 1-3 to access the fuse location. Note: If the fuse is blown, the Hands Free Blu Logic will not turn on.