

Part #: PF923-00090

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 Req'd.	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	33 cm	1/4" Wire Split Loom

Additional Items (may be required)

Item#	Quantity Req'd.	Description

Recommended Sequence of Application

Item#	Quantity Req'd.	Description

Vehicle Service Parts (may be required for reassembly)

Item#	Quantity Req'd.	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	Flathead & 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	
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.

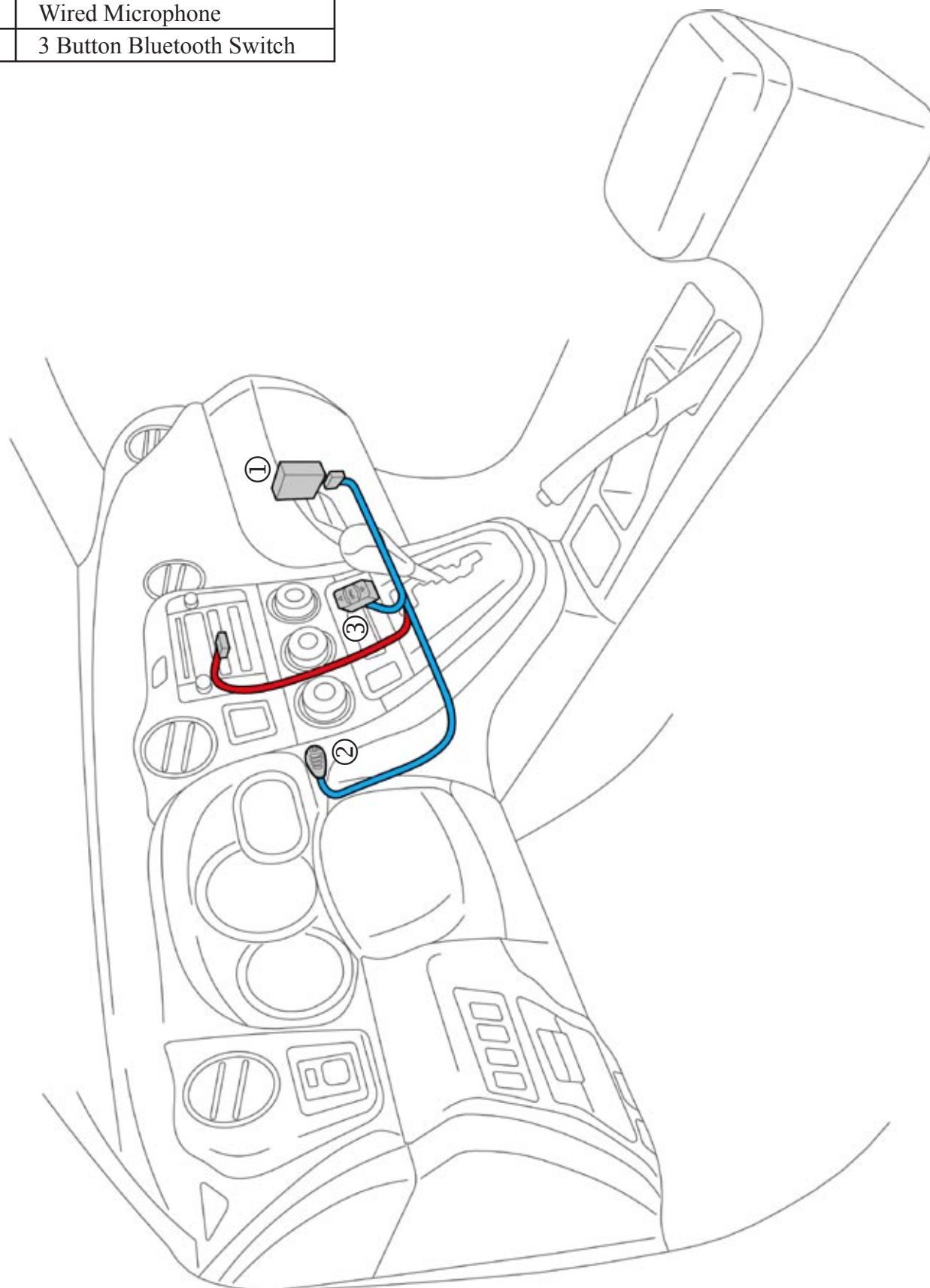
These guidelines can be found in the “Accessory Installation Practices” document.

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 Bluetooth Switch



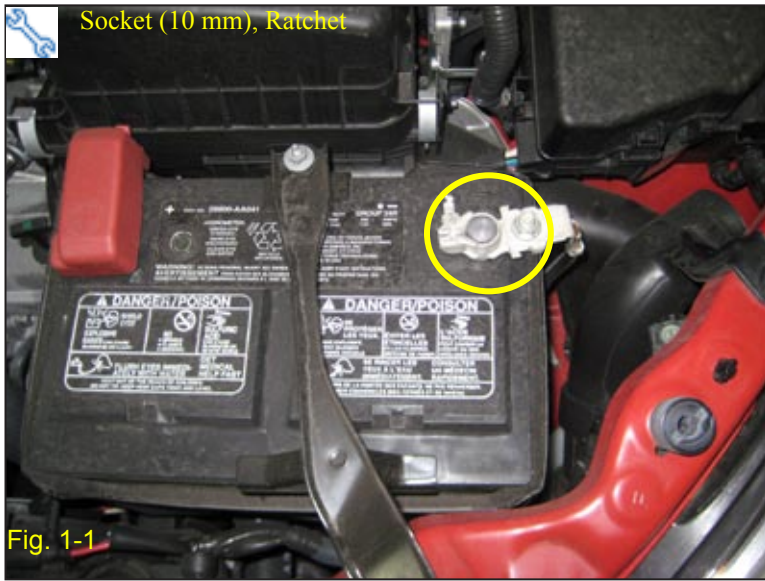


Fig. 1-1





Fig. 1-2



Fig. 1-3

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. Put the shift lever into the neutral position.

Automatic Transmission Only

- 1. Remove protective cover using a small flathead screwdriver (Fig. 1-2).

NOTE: Apply protective tape to the screwdriver to protect from any scratches that may occur or use plastic pry tool.

- 2. Disengage the lock mechanism by pushing down on the lock tab and move shifter into Neutral.

- b. Remove upper radio bezel using hands or plastic trim removal tool (Fig. 1-3).

NOTE: Must use protective tape to any contact area if using panel tool.

- 1. Disconnect any connectors.



c. Remove shifter assembly bezel.

1. Unscrew the shift knob (Fig. 1-4).

Manual and Automatic Transmissions

2. Using your hands or a panel removal tool, pull up on the back of the bezel to disengage and remove (Fig. 1-5).

d. Remove HVAC assembly.

1. Using your hands, disengage the four claws by gently pulling the unit from the top out (Fig. 1-6).

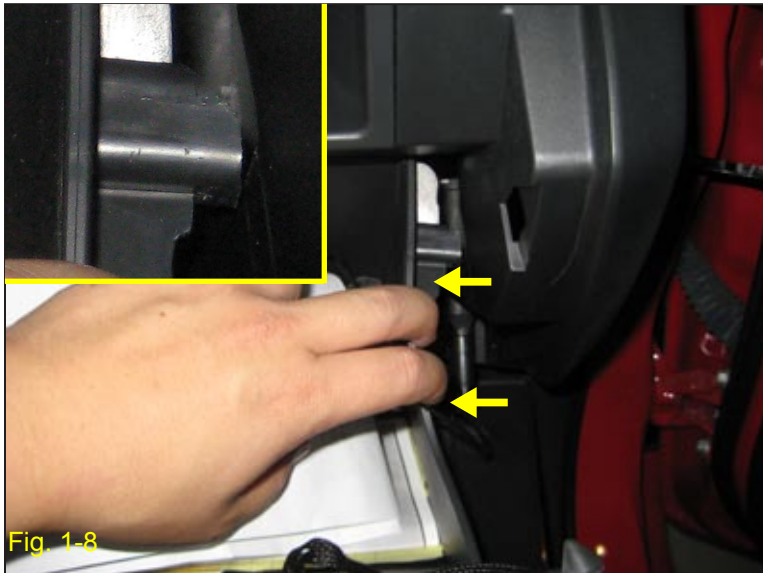
NOTE: DO NOT remove any connectors.



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



- e. Remove the radio assembly.
1. Using a 10 mm socket/ratchet, remove the four (4) 10 mm bolts (Fig. 1-7).
 2. Disconnect any connectors and set the radio aside.



- f. Remove the glove box.
1. Start on the right side, pull in on the side of the glove box to release the lock tab (Fig. 1-8).



2. Now push in on the left side of the glove box to release the lock tab (Fig. 1-9).



Fig. 1-10

3. Slide the glove box support arm off (Fig. 1-10).

NOTE: The glove box can now be lowered or completely removed by lifting the back up and out.



Fig. 1-11

3. Interface Module Installation

- a. Route main power harness.
- b. Connect the main power harness to the matching vehicle's radio harness (Fig. 1-11).



Fig. 1-12

1. Route the main power harness towards the opening of the glove box. (Fig. 1-12).
2. Also route BLU Logic switch cables at this time.

NOTE: Make sure to route the end that connects to the interface module.



NOTE: The cables will have to go behind and under the glove box cross brace (Fig. 13).



c. Connect all connectors to the interface module (Fig. 1-14).

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



d. Mount interface module.

1. Interlink two wire ties and secure the interface module to the existing wire loom next to the blower box (Fig. 1-15).



- e. Remove any slack from the module and secure the cables to the metal bar to the left of the glove box opening (Fig. 1-16).

NOTE: Cut off any excess wire ties.

- f. Reinstall glove box assembly.



6. Microphone Installation

- a. Remove driver left air vent (Fig. 1-17).
 - 1. Use a panel removal tool to disengage the air vent.
 - 2. Disconnect any connectors and set aside.



- g. Remove the gauge cluster bezel.
 - 1. Using your hands, gently pull on the right side of the bezel to disengage and remove (Fig 1-18).



h. Mount microphone.

1. Clean the panel to the right of the steering column with VDC approved cleaner (Fig. 1-19).

2. Loosen panel by gently pulling out top.

3. Apply 33cm of 1/4" wire split loom to microphone end of cable leaving a minimal of 8mm of wire exposed. Secure wire loom with tape.

4. Mount the rear of the microphone towards the left side of the panel (to minimize the amount of exposed wire visible to the customer) and approximately 1/8" from the top of the panel (Fig. 1-20).

NOTE: 0-20mm of exposed wire is acceptable.

5. Route wire behind the panel as shown (Rollover Image).

- i. Route the microphone cable towards the opening of the HVAC assembly and continue towards the interface module (Fig. 1-21).

NOTE: Follow the BLU Logic main wire harness.

- j. Secure to existing wire loom and connect to the interface module (Rollover Image).



Fig. 1-22



Fig. 1-23

- k. Bundle up excess microphone and switch cable and secure to main power harness (Fig. 1-22).

4. BLU Logic Switch Installation

- a. Remove the right knock-out and mount the Blu Logic switch as shown (Fig. 1-23).

NOTE: Solid arrow should be pointed up.

- b. Connect switch to extension already connected to the interface module.
- c. Bundle up any excess cable and secure to existing wire loom.
- d. Connect main power harness connectors to the radio's matching connectors.
- e. Cut off excess wire ties.

5. Reassemble Vehicle

- a. Reinstall the radio assembly.



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.

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

- b. Reinstall HVAC assembly.
- c. Reinstall cluster bezel.
- d. Reinstall driver air vent.
- e. Reinstall radio bezel.
- f. Reinstall shifter bezel.
- g. Screw on shift knob.
- h. Position negative battery cable at theoretical factory position, tighten the nut to 36 in-lbf (4.07 N.m).



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

- i. Put owner's manual in glove box.

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) beep. 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"/>	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 glove box assembly. To replace, follow Step 8-10 to access the fuse location. Note: If the fuse is blown, the Hands Free Blu Logic will not turn on.