

Preparation

Part #: PT923-00111

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

Conflicts: JBL Audio

Kit Contents: For kits manufactured on or after 19D0, installation kits will include BLU Logic Switch Decal. The manufacturing date code is on the part label of the packaging box and is printed as "DDMY". Please note that this manufacturing date is per Toyota standards and is in the format of DAY-DAY-MONTH-YEAR. Example: "31L8" date on label means "31st, December, 2008".

Item 1 	Item 2 	Item 3 	Item 4 	Item 5 	Item 6 	Item 7 	Item 8 
Item 9 	Item 10 						

Hardware Content

Item#	Quantity Req'd.	Description
1	1	Interface Module
2	1	Main Power Harness
3	1	BLU Logic Switch
4	1	Switch Extension Cable
5	1	Microphone
6	15	9.5" Lock Ties
7	2	Adhesive Foam Pad
8	1	Owner's Manual
9	33cm	1/4" Wire Split Loom
10	1	BLU Logic Decal

Additional Items (may be required)

Item#	Quantity Req'd.	Description

Recommended Sequence of Application

Item#	Accessory

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	Phillips, #2
Side Cutters	
Torque Wrench	36 in-lb (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.

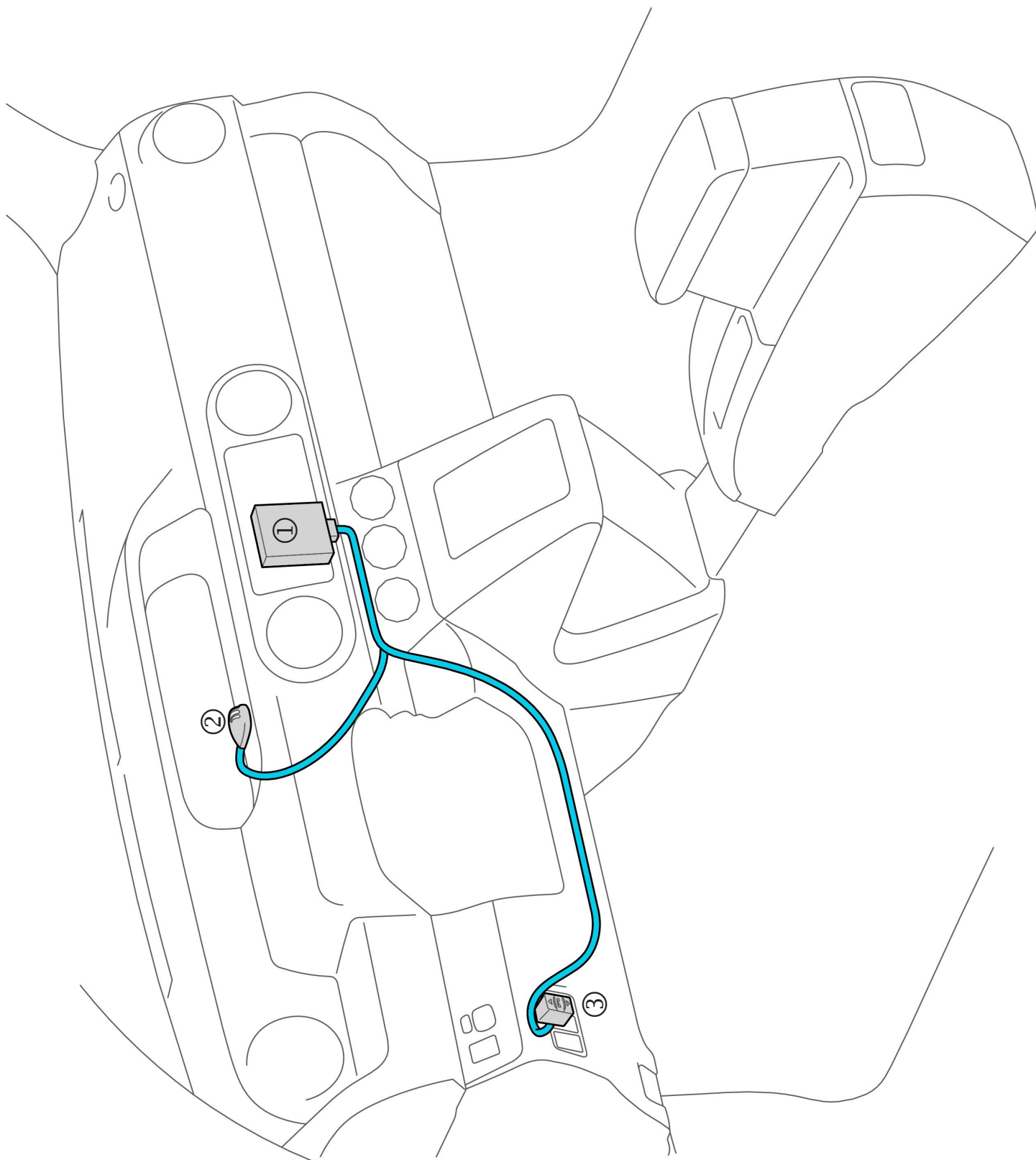
These guidelines can be found in the “Accessory Installation Practices” document.

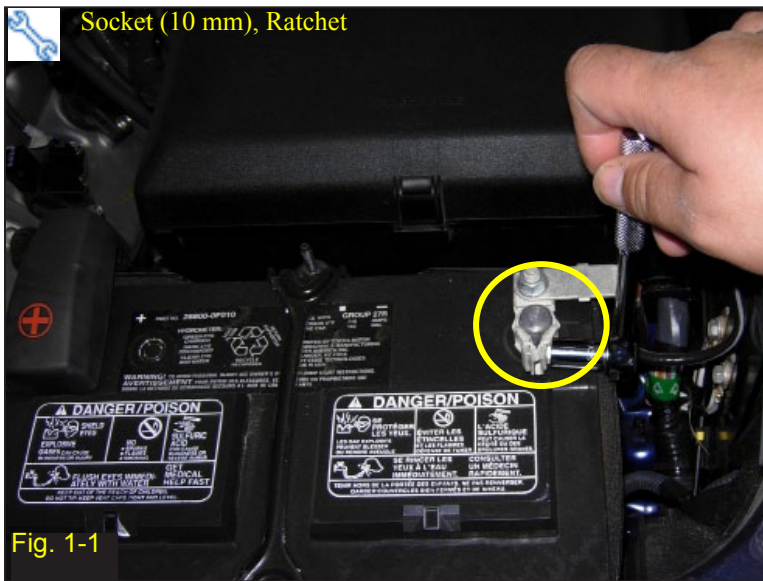
This document covers such items as:

- 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	BLU Logic Switch Location





1. Vehicle Preparation (Fig. 1-1)



- Apply parking brake.
- Protect fender before starting.
- Remove the negative (–) battery terminal.



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

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

2. Vehicle Disassembly

- Remove air vent assembly.

1. Apply protective tape under the panel.
2. Remove lower trim garnish (Fig. 1-2).
3. Disengage air vent assembly with hands and remove.



- Remove radio assembly.

1. Remove four (4) bolts securing the radio using a 10mm ratchet/socket (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.





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.

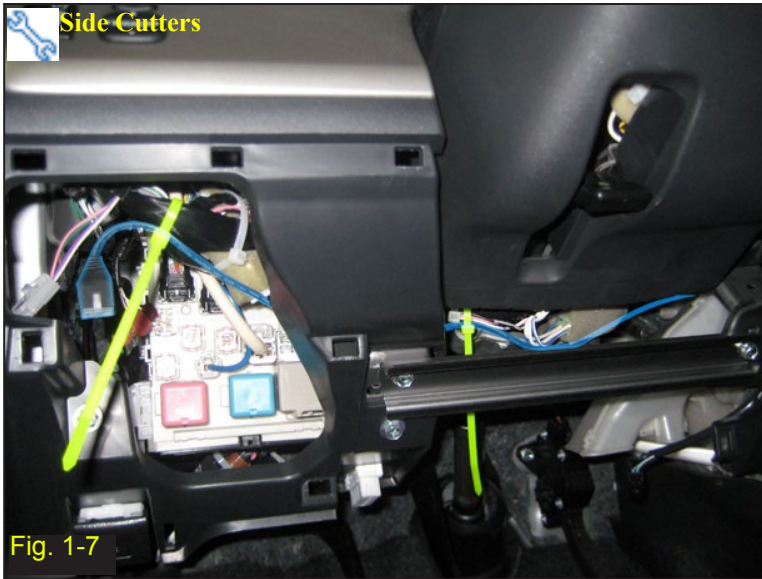
2. Mount BLU Logic switch with solid arrow pointing up (Rollover Image).



- c. Route the switch extension cable.

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

NOTE: Switch cable is highlighted in blue.



2. Follow existing wire loom behind metal brace (Fig. 1-7).
3. Remove most slack from the wire and connect it to the BLU Logic switch.
4. Secure wire to existing wire loom with wire tie(s).

NOTE: BLU Logic wire ties in Figure 1-7 and the remainder of these instructions will be shown in yellow.

5. Cut off excess wire ties.

NOTE: Switch extension will connect to module later.

6. Reinstall knee panel.



4. Microphone Installation

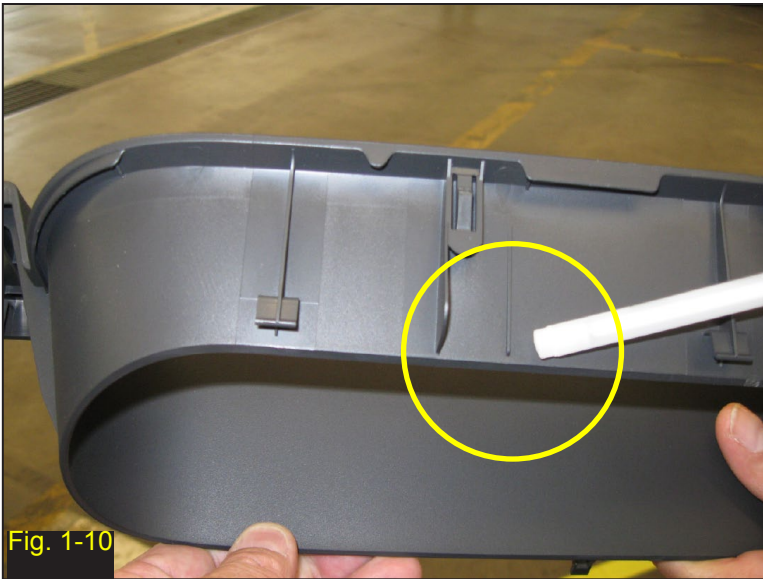
- a. Remove instrument cluster bezel.

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





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).



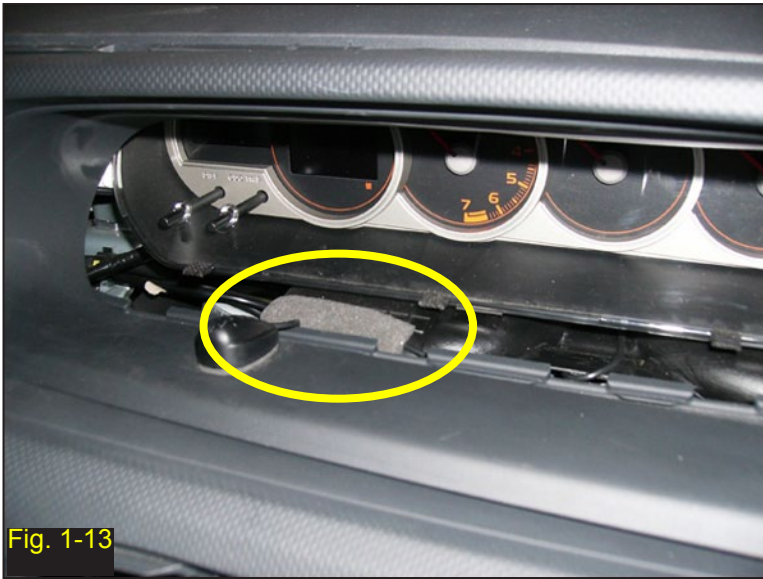
4. Mount the microphone towards the rear of the bezel to minimize the amount of exposed wire visible to the customer. 0-8mm of exposed wire is acceptable (Fig. 1-11).



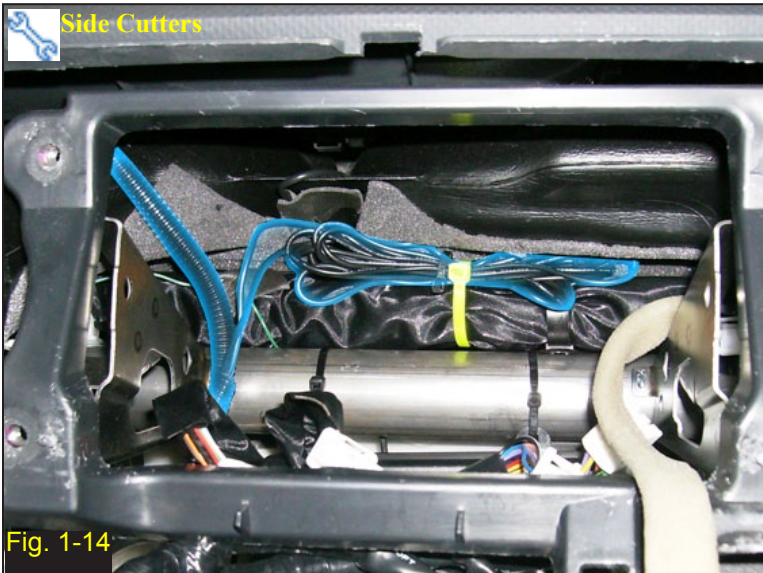
- c. Route microphone wire.

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

NOTE: Microphone wire is highlighted in blue.



2. Secure the microphone wire with 2-3 inches of the adhesive foam pad to prevent any rattles that may occur.
3. Reinstall the instrument cluster bezel (Fig. 1-13).



4. Bundle up excess microphone and switch wire. Secure them to a 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 two (2) wire ties through the interface module (Fig. 1-15).
 2. Connect microphone and switch to the interface module.

NOTE: DO NOT remove protective foam wrap from the module.

3. Connect main wire harness to the interface module.

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

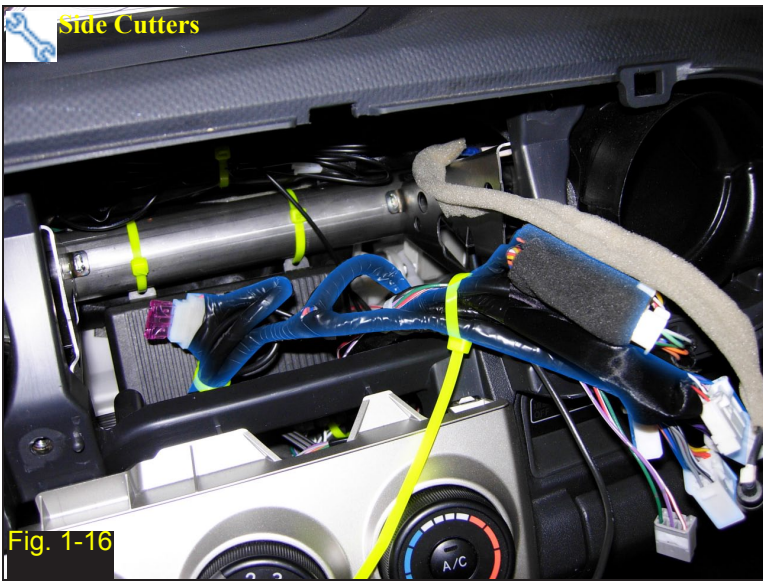


Fig. 1-16

- 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.

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 radio.
- e. Reinstall radio bezel.
- f. Position negative battery terminal 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 installation.

- g. Place owner's manual in glove box.

6. Apply BLU Logic decal to BLU Logic switch.

(Only kits manufactured on or after the date code on the front page will include the BLU Logic decal).

- a. Remove the protective backing on the round portion of the BLU Logic sticker (Fig. 1-17).
- b. Apply it to the center of the switch so that the sticker hangs towards the right as shown in Fig. 1-18.

NOTE: Photo shown may not match the switch installation location for this vehicle and is for illustrative purposes.



Fig. 1-17

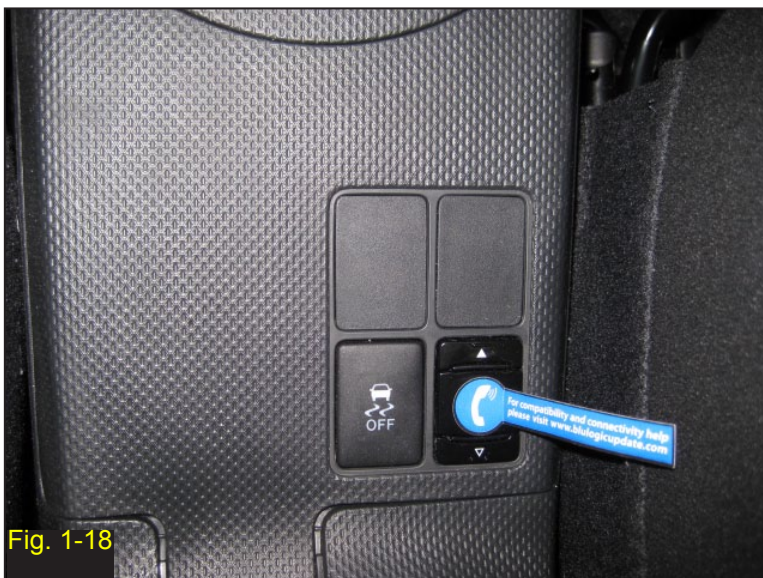


Fig. 1-18

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

Make sure radio and interior lights (if applicable) are turned off. Install fuse (short pin) for the following function checks.

Accessory Function Checks

	Check:	Look For:
<input type="checkbox"/>	Factory Radio	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.
<input type="checkbox"/>	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. NOTE: Pairing the module to a phone is not required. This is the customers (or dealers) responsibility.
<input type="checkbox"/>	Audio Output	Turn the radio to an AM or FM station and then turn the balance to the L and confirm the audio is coming from the left front speaker. Repeat for the right front speaker.
<input type="checkbox"/>	3 Button Switch	Cover the 3 Button Switch with your hand(s) to verify that all three lights on the switch illuminate.

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>

Turn off all components including radio and interior lights. Remove fuse (short pin) after function checks are complete. Check with your dealer/port to find out if this step is required.

Kit Service Information

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