


Preparation

Part #: PT923-00111

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

Conflicts: JBL Audio, Factory Navigation

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	8, 10 mm, Extension
Screwdriver	Phillips #2, Flathead
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.

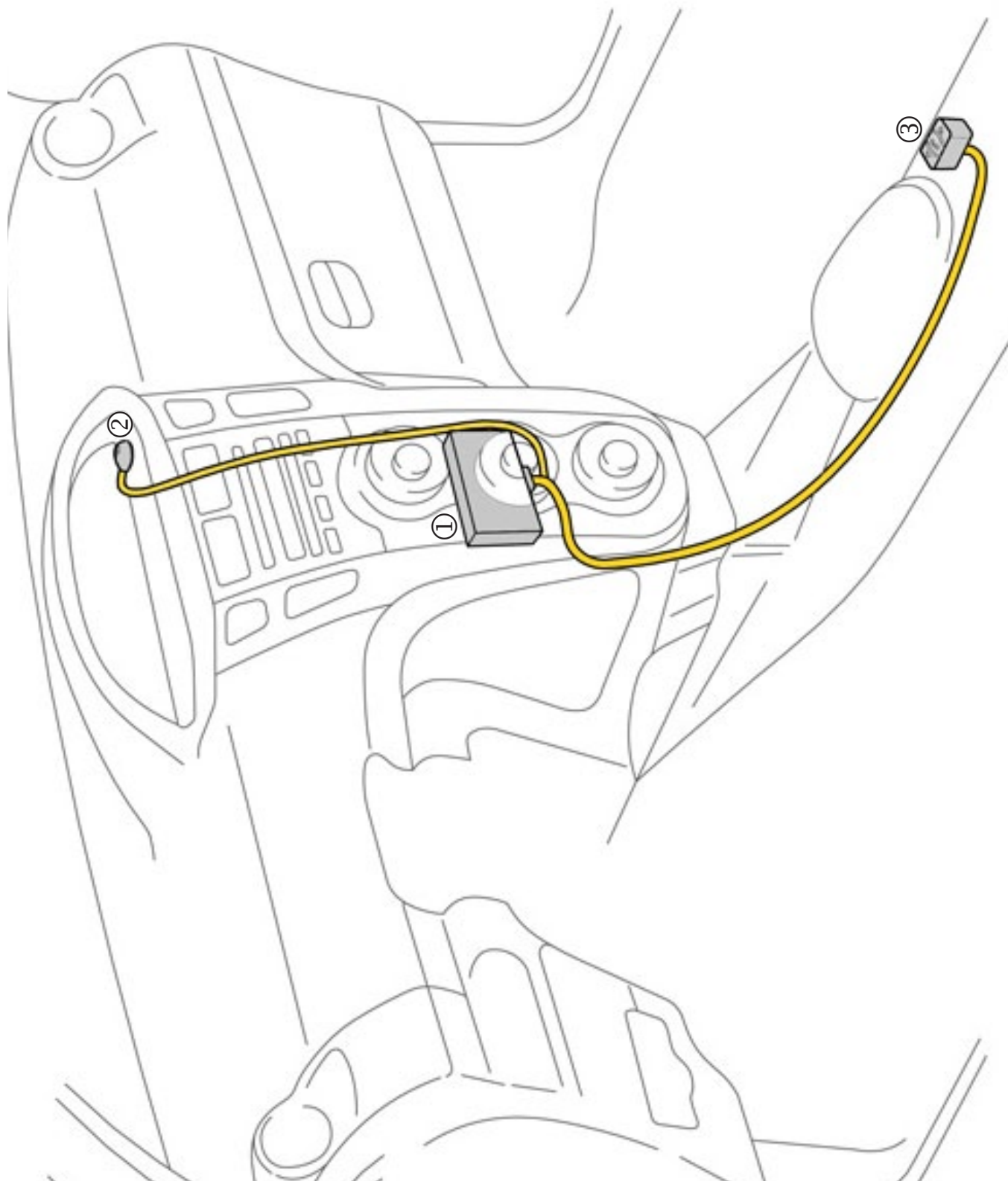
This document covers such items as:

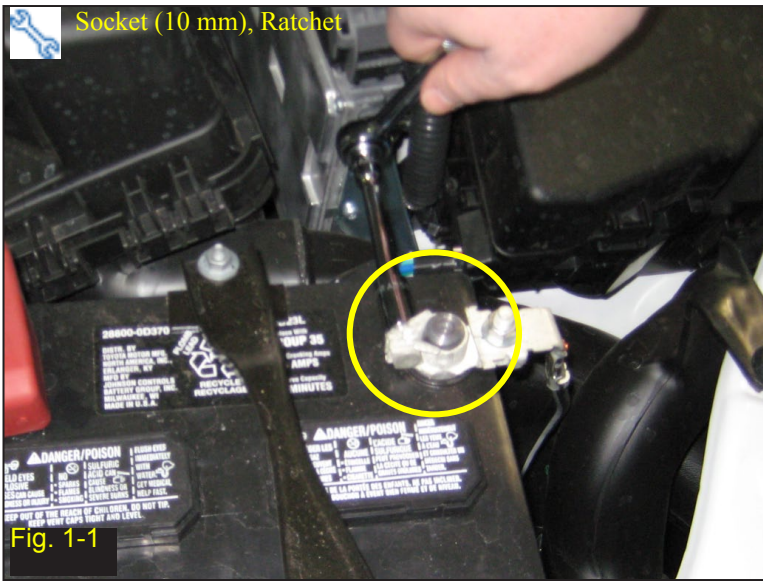
- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.)
- Safety (eye protection, checking torque procedure, etc.)
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.)
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.)

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

Preparation

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 cable.



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 the center cluster side trim garnishes.
 - Using hands or appropriate panel removal tool, disengage the left side trim garnish (Fig. 1-2).
 - Disconnect any connectors and remove.

NOTE: If using panel removal tool, apply protective tape to the pry area.



- Using hands or appropriate panel removal tool, disengage the right side trim garnish (Fig. 1-3).
- Disconnect any connectors and remove.

NOTE: If using panel removal tool, apply protective tape to the pry area(s).



b. Remove the cluster bezel.

1. Using your hands, gently pull on the left and right corner of the bezel to disengage.
2. Lift the front lip of the bezel up to disengage the three (3) lock tabs and remove the bezel (Fig. 1-4).



c. Remove the radio bezel.

1. Using hands, disengage the radio bezel and remove (Fig. 1-5).

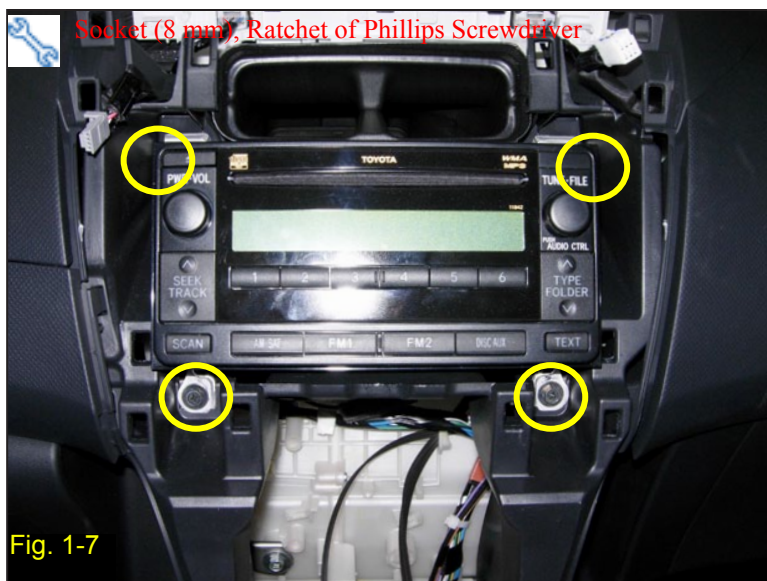


d. Remove the HVAC assembly.

1. Using hands, disengage the HVAC assembly (Fig. 1-6).
2. Move the HVAC assembly aside or use other appropriate means to prevent any damage to the connections as well as preventing scratches.



NOTE: HVAC assembly was completely removed for photo purposes only. DO NOT DISCONNECT ANY HVAC CONNECTORS.



e. Remove the radio assembly.

1. Using an 8mm socket/ratchet or Phillips screwdriver, remove four (4) bolts securing the radio (Fig. 1-7).
2. Disconnect all connectors and set aside.



NOTE: Be careful not to put too much tension on the connections.

3. BLU Logic Switch Installation

a. Remove center floor console.

1. Remove cloth insert in the cup holder (Fig. 1-8).
2. Using a 10mm socket/ratchet, remove the bolt underneath the cloth insert.



3. Using hands, pull up on the front of the center floor console to dislodge (Fig. 1-9).

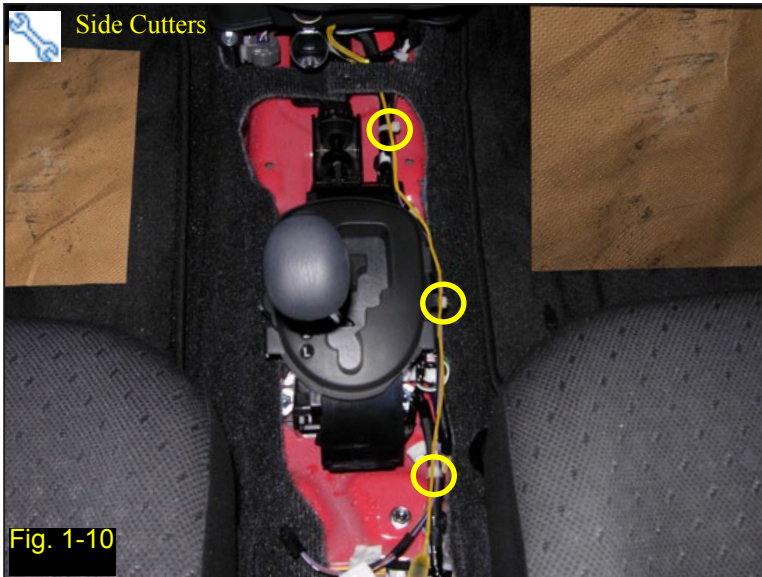
4. Disconnect any connectors and remove.



NOTE: On vehicles equipped with a manual transmission, the shift knob must be unscrewed before the center floor console can be removed.

5. Move shift lever to the Neutral position.





- b. Route switch cable (highlighted in orange).
1. Following the existing wire loom, route the switch cable up towards the opening of the HVAC cavity (Fig. 1-10)
 2. Leave a 3-4 inch pig tail (shifter side) that will connect to the switch later.
 3. Secure switch cable to existing wire loom with wire ties circled in Fig. 1-10.
 4. Wire tie every 5-6 inches and cut off excess wire ties.

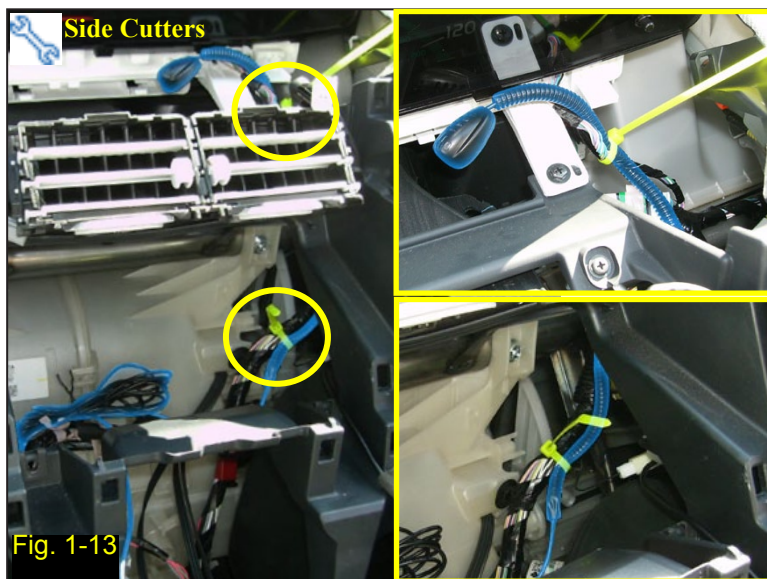


- c. Mount the BLU Logic switch.
1. Remove the switch panel on the center floor console by disengaging the clips with hand.
 2. Remove lower left blank knock-out and mount the switch with the solid arrow pointing forward (Fig. 1-11).

NOTE: Use next available blank knock-out if lower left is occupied.



3. Reinstall the center floor console.
4. Connect the switch to the pig tail and reinstall the switch panel (Fig. 1-12).



4. Microphone Installation

- Route the microphone (highlighted in blue).
1. Apply 33cm of 1/4" split wire loom to the microphone end of the cable.
2. Leave a minimum of 8mm of wire exposed. Secure wire loom with tape.
3. Route microphone to the right of the HVAC air vents, down towards the radio opening (Fig. 1-13).
4. Follow and secure to existing wire loom with two wire ties circled in Fig. 1-13.

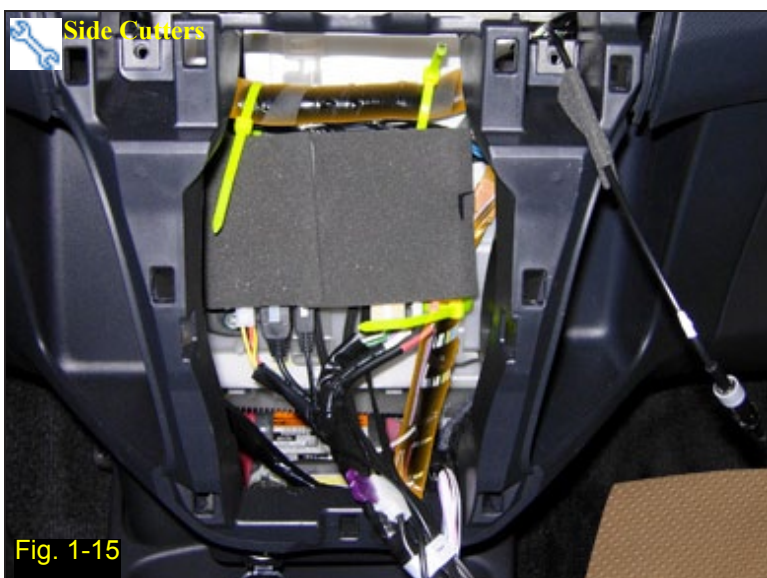
NOTE: BLU Logic wire ties in Figure 1-13 and the remainder of these instructions will be shown in yellow.

5. Interface Module Installation

- Mount the interface module.
1. Insert three (3) wire ties through the mounting points on the interface module (Fig. 1-14).
2. Connect the main wire harness, microphone and switch wire to their respective connection locations.

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

DO NOT remove protective foam wrap from module.



3. Mount module to the vehicle's harness highlighted in orange (Fig. 1-15).



- b. Route main wire harness (highlighted in orange).
 1. Route main harness to the left of the module up towards the vehicle's radio connectors (Fig. 1-16).
 2. Connect the main wire harness to the vehicle's radio connectors as needed.
 3. Bundle excess microphone harness (highlighted in blue) and secure it to the main wire harness (circled in Fig. 1-16).

6. Finalize the Installation

- a. Connect the main wire harness to the radio's matching connections as needed.



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.

- b. 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.

- c. Reinstall HVAC assembly and radio bezel.
- d. Mount the microphone.

1. Clean the cluster bezel with VDC approved cleaner.
2. Mount the microphone to the immediate left of the feature line marked by the arrow. The microphone should be a minimum of 0-5mm from the feature line. Align the rear of the microphone with the back edge of the trim panel to minimize the amount of exposed wire visible to the customer. 0-8mm of exposed wire is acceptable (Fig. 1-17).

- e. Reinstall the bezel and side trim garnishes.
- 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 the glove box.





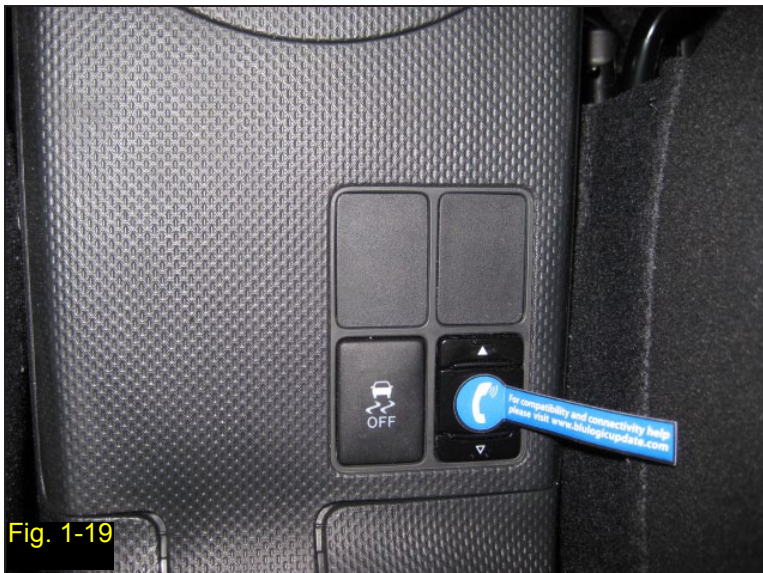
7. Apply BLU Logic decal to BLU Logic switch.

(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. 1-18).

- b. Apply it to the center of the switch so that the sticker hangs towards the right as shown in Fig. 1-19.

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



TOYOTA YARIS 3/5-DOOR LIFTBACK 2008 - HANDS FREE BLU LOGIC
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.

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"/>	Door Lock Switch	<input type="checkbox"/>	Verify the proper operation of the door lock 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 radio assembly. To replace, follow Step 1 through 7 to access the fuse location. NOTE: If the fuse is blown, the Hands Free BLU Logic will not turn on.