

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 Reqd.	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 Reqd.	Description

Recommended Sequence of Application

Item#	Accessory

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-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

Table of Contents

I. Preparation 1-2

 1. Table Of Contents..... 2

 2. Content Location..... 3

II. Procedure..... 4-12

 1. Vehicle Preparation..... 4

 2. Vehicle Disassembly..... 4

 3. BLU Logic Switch Installation 6

 4. Microphone Installation 9

 5. Interface Installation 11

 6. Finalize the Installation..... 12

 7. Apply BLU Logic Decal to Switch..... 12

III. Checklist 13

 1. Accessory Function Checks..... 13

 2. Vehicle Function Checks..... 13

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.

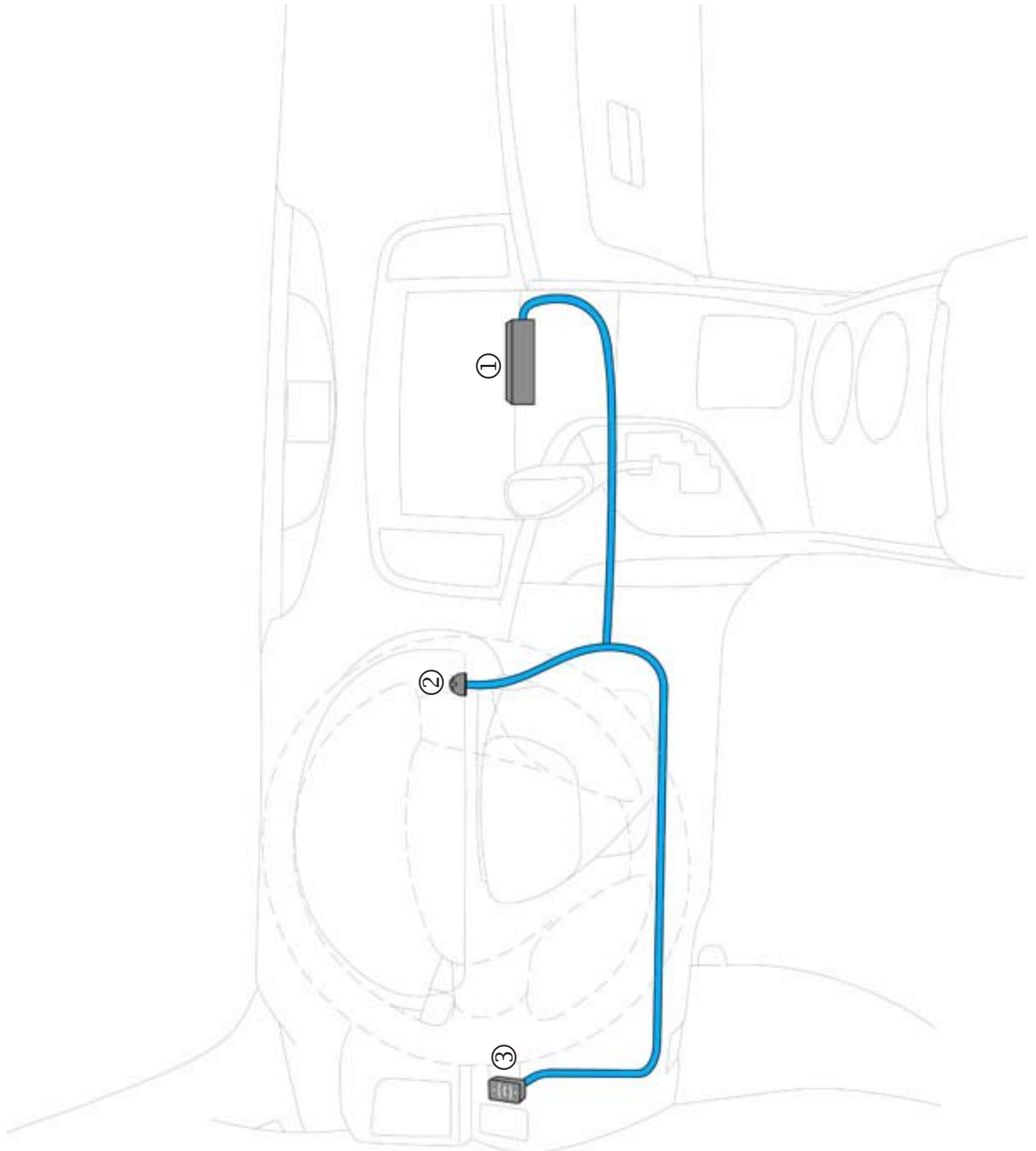
These guidelines can be found in the “Accessory Installation Practices” document.

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



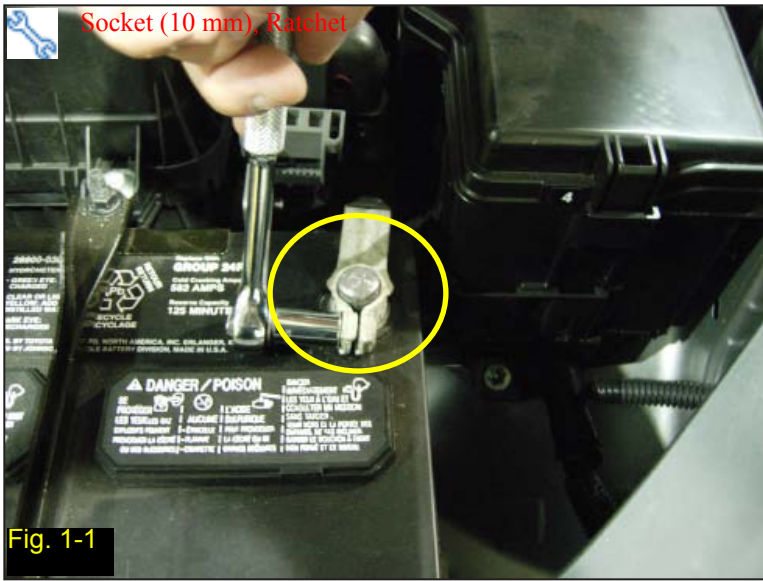


Fig. 1-1

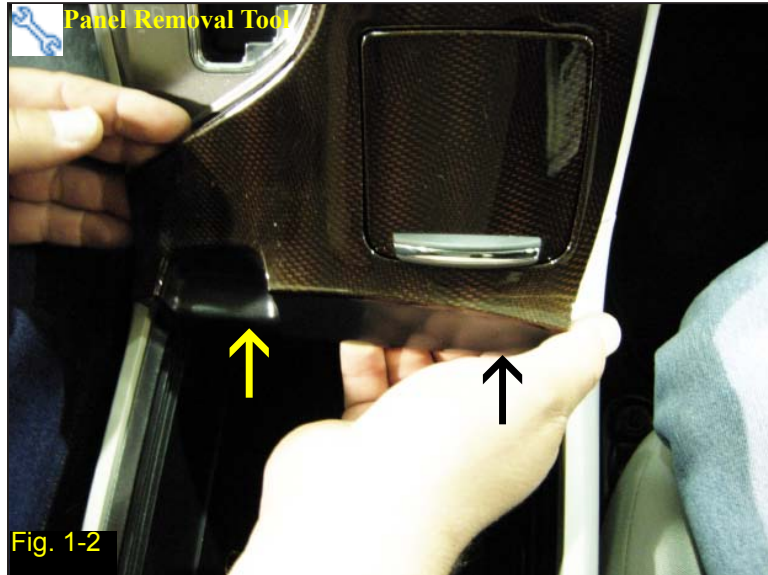




Fig. 1-2



Fig. 1-3

1. Vehicle Preparation (Fig. 1-1)

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

 **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 bezel next to shifter assembly.
 - 1. Using your hands or appropriate plastic trim removal tool, disengage the clips and remove (Fig. 1-2).

NOTE: Use protective tape in any pry area if panel tool is used.

- b. Remove climate control assembly.


- 1. Remove the Phillips screw on the lower right side (Fig. 1-3).

 **NOTE –** Use protective tape in the area shown in the photo.




2. Use panel removal tool or hand to carefully disengage clips and remove (Fig. 1-4).
3. Unplug any connectors and set aside.

- c. Remove radio assembly.
 1. Using a 10 mm socket with swivel adaptor or similar, remove two (2) bolts from the lower right of the radio.
 2. Remove two (2) bolts from the lower left of the radio (Fig. 1-5).

 NOTE: Pay special attention and use multiple layers of protective tape in the area marked by the arrow.

3. Disengage clips and pull radio out (Fig. 1-6).

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

4. Disconnect all connectors.



3. BLU Logic Switch Installation

a. Remove driver side scuff panel.

1. Disengage with panel removal tool. Remove and set aside (Fig. 1-7).



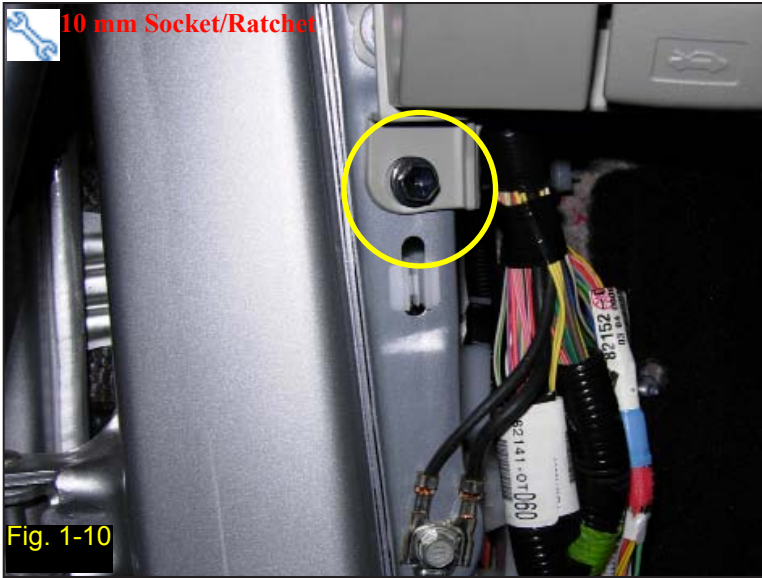
b. Remove driver side kick panel.

1. Unscrew plastic lock nut (Fig. 1-8).



2. Disengage with hands or appropriate panel removal tool and remove (Fig. 1-9).

NOTE: Start on the side of the weather stripping.



- c. Remove lower finish panel.
1. Remove bolt on lower left panel with a 10mm ratchet/socket (Fig. 1-10).

NOTE: Weather stripping was removed for visual purposes only. Removal during installation is not required.



2. Remove one (1) Phillips screw on lower right side (Fig. 1-11).



3. Using panel removal tool or hand, carefully disengage panel and remove (Fig. 1-12).

4. Disconnect any connectors.

NOTE: Use care on area around knee air bag.

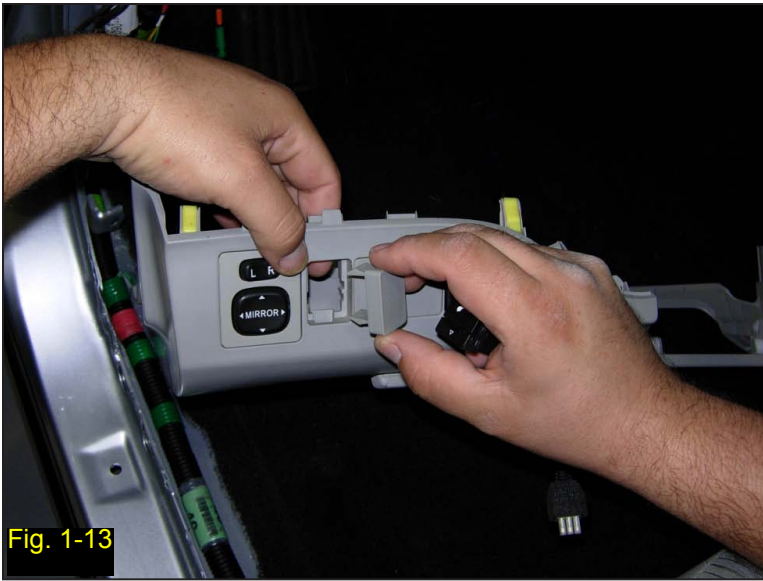


Fig. 1-13



Fig. 1-14

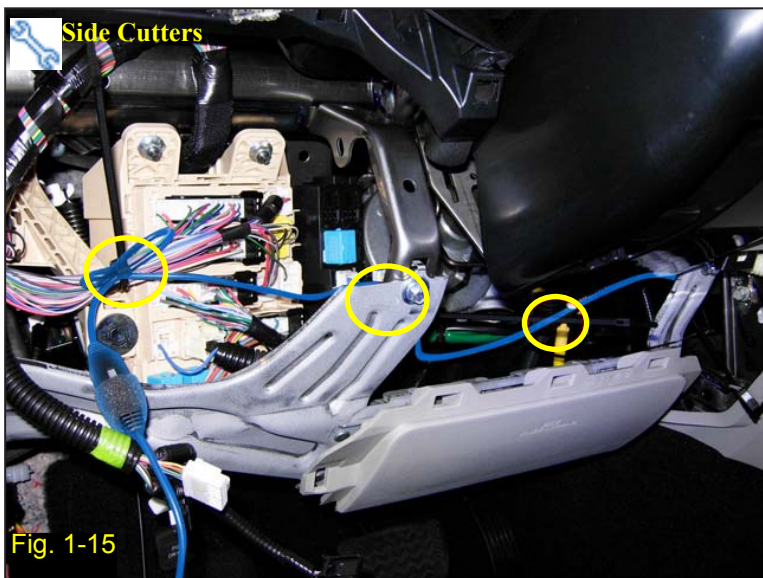


Fig. 1-15

- d. Mount BLU Logic switch.
 - 1. Remove far left blank knock-out (Fig. 1-13).
 - 2. Squeeze lock tabs together and push out.

NOTE – If far left blank plug is not available, use next available blank plug.

- 3. Insert BLU Logic switch with solid triangle facing up (Fig.1-14).

- e. Route BLU Logic switch cable (highlighted in blue) under dashboard. Follow existing wire looms (Fig. 1-15).

+ CAUTION: To avoid injuries, be careful when routing wire behind sharp metal brace.

- 1. Remove slack from switch wire and wire tie (circled in Fig. 1-15) every 5-6 inches.

NOTE: DO NOT attach to YELLOW SRS wire loom.


- 2. Connect to BLU Logic switch.
- 3. Reinstall driver side finish panel.



4. Microphone Installation

a. Remove instrument panel bezel.

1. Remove two (2) plastic Phillips screw clips (Fig. 1-16).

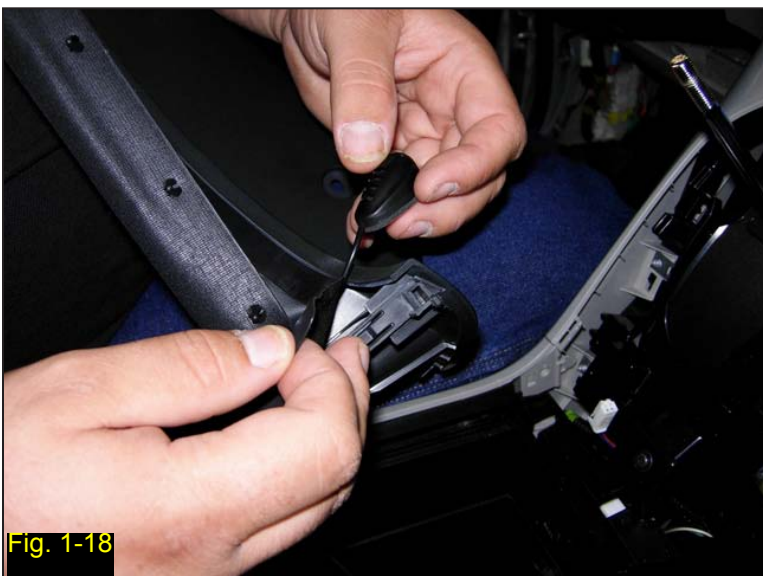
 NOTE: These only require a 1/4 turn to release.



2. Using your hands, disengage the six (6) clips from the top of the steering column cover and remove.

NOTE: Start from the center and work outwards to pop up.

3. Use your hands, disengage bezel from the bottom right corner (Fig. 1-17).



b. Mount the microphone.

1. Slightly peel back rubber guard on instrument bezel to tuck the microphone wire (Fig. 1-18).



Fig. 1-19

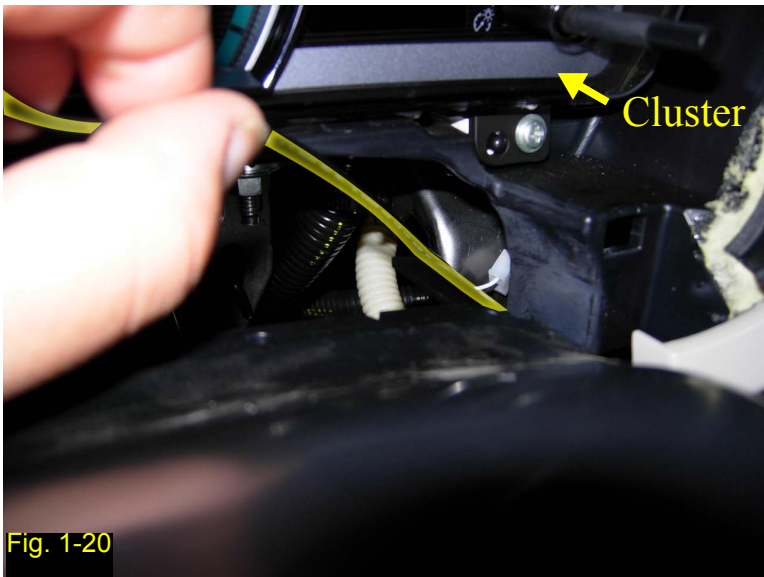


Fig. 1-20

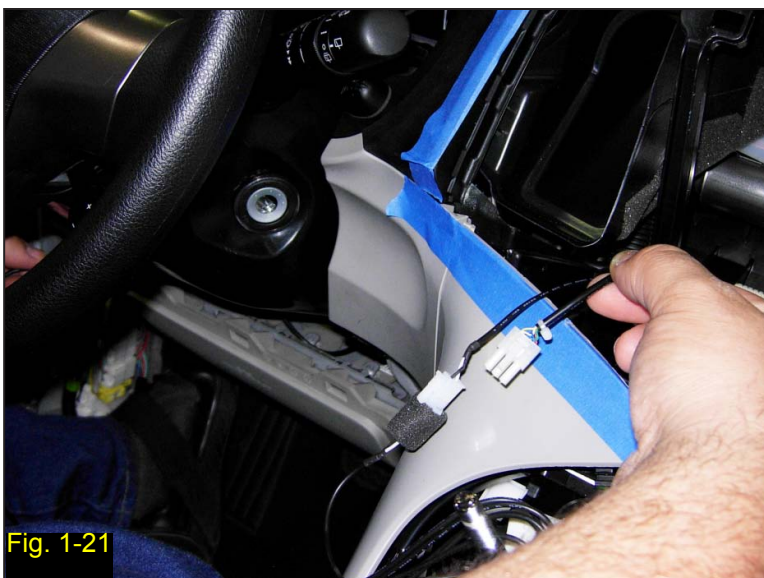


Fig. 1-21

2. Clean the bezel with approved VDC cleaner.
3. Mount the rear of the microphone (location of wire) towards the left edge of the bezel to minimize the amount of exposed wire visible to the customer (Fig 1-19).
4. 0-8mm of exposed wire is acceptable.
5. The microphone should be approximately 5-10 mm from the bottom of the bezel.

c. Route microphone wire.

1. Go through the opening of bezel towards the lower right side (Fig. 1-20).



NOTE: Place the steering wheel all the way out to assure steering wheel movement will not be restricted by the wire connections.

Operate tilt/telescopic steering column to full travel to ensure wiring is not pinched or pulled.

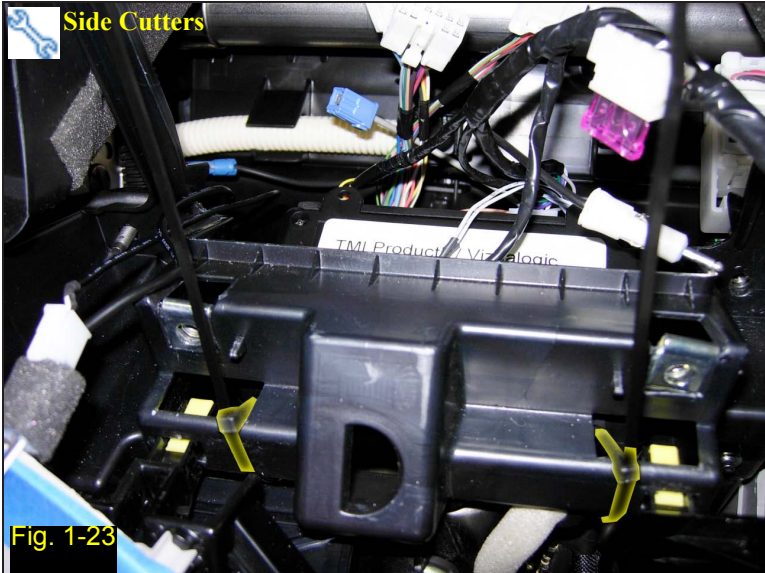
2. Continue over towards the opening of the radio cavity (Fig. 1-21).



5. Interface Module Installation

- a. Connect all connectors to the back of the interface module including switch and microphone connectors (Fig. 1-22).

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



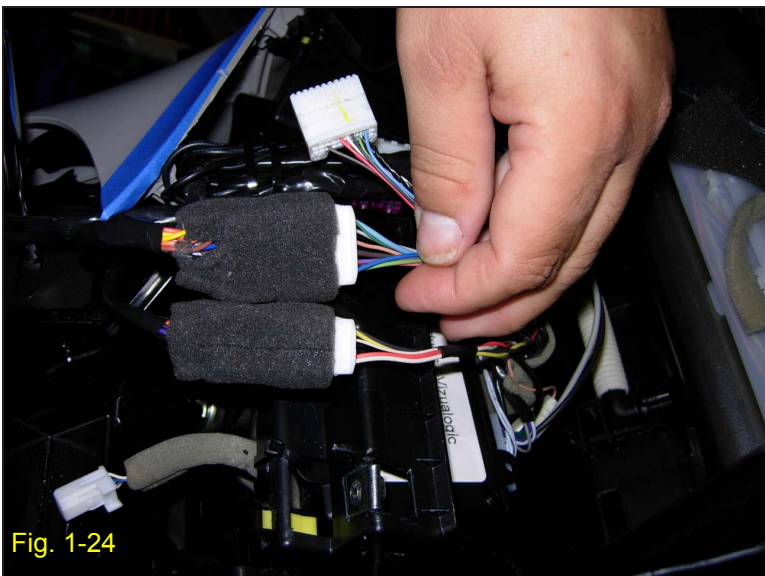
1. Mount the interface module to the cross brace directly under the radio.

NOTE: DO NOT remove protective foam wrap from module.

2. Use wire ties to secure the module as shown (Fig. 1-23).

NOTE: Wire ties highlighted in yellow.

3. Cut off any excess wire ties.



4. Connect main power harness to vehicle's matching radio harness (Fig. 1-24).
- b. Connect main power harness connectors to the radio's matching connectors as needed.

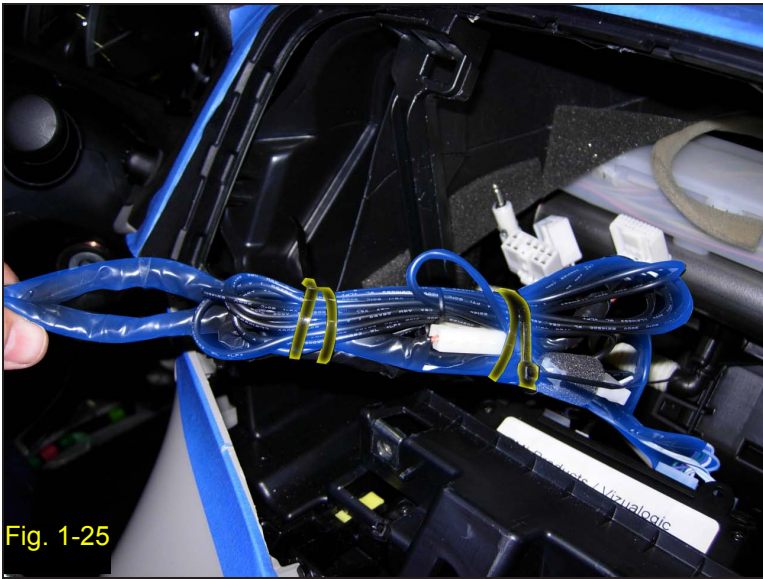


Fig. 1-25



Fig. 1-26

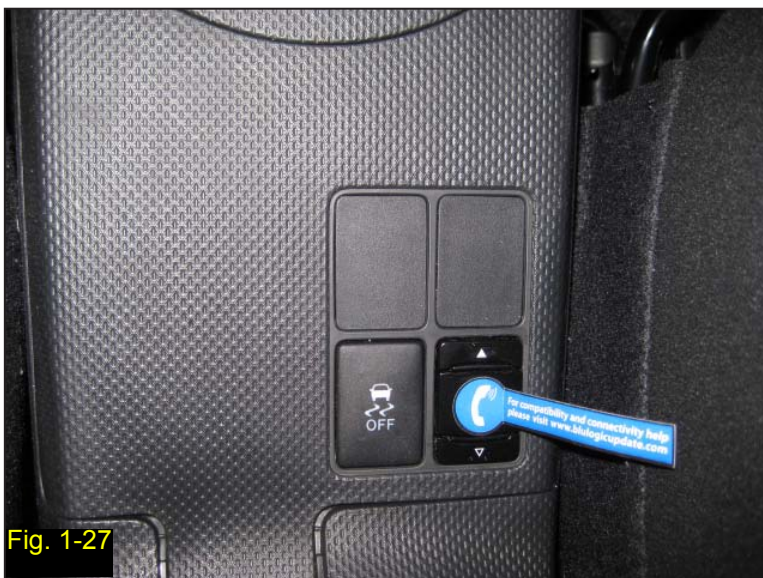


Fig. 1-27

- c. Bundle excess microphone and switch cables (highlighted in blue). Use wire ties (highlighted in yellow) to secure to main power harness (Fig. 1-25).
- d. Reinstall 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.

- e. Reinstall instrument panel bezel
- f. Reinstall kick panel
- g. Reinstall driver scuff panel
- h. Reinstall HVAC assembly
- i. Reinstall bezel next to shifter assembly
- j. 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.

- k. Put owner's manual inside the 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. 1-26).
- b. Apply it to the center of the switch so that the sticker hangs towards the right as shown in Fig. 1-27.

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

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: If any other accessories are installed that connect to the head unit, BLU Logic should be the unit that plugs into the radio first.
<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"/>	NAV System (if equipped)	<input type="checkbox"/>	Confirm navigation operation by AVN diagnostics.
<input type="checkbox"/>	Operation of the L&R Seat Heater Switch	<input type="checkbox"/>	Verify the proper operation of the L&R heater switch.
<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 controls. 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.