

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	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.

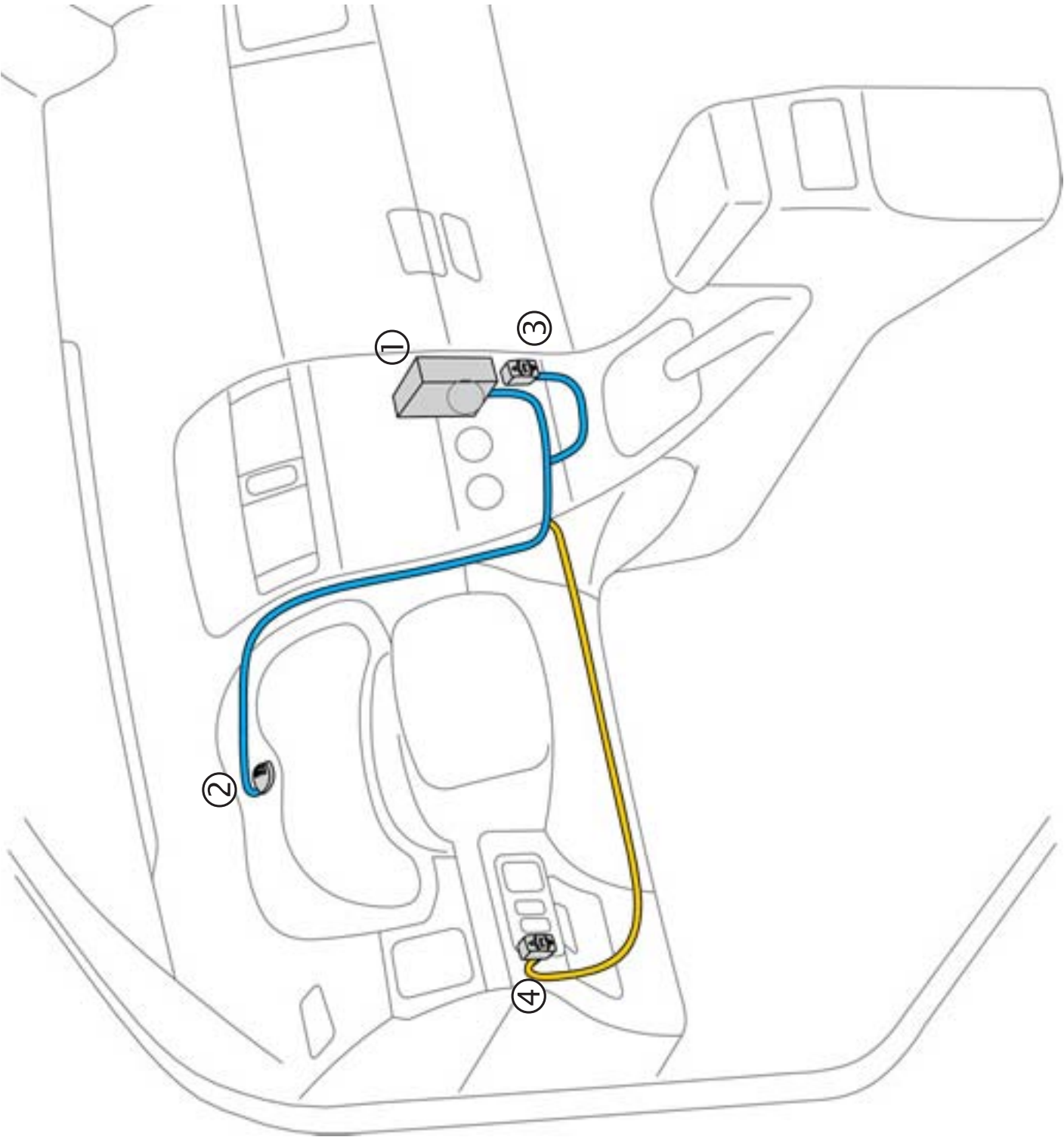
These guidelines can be found in the “Accessory Installation Practices” document.

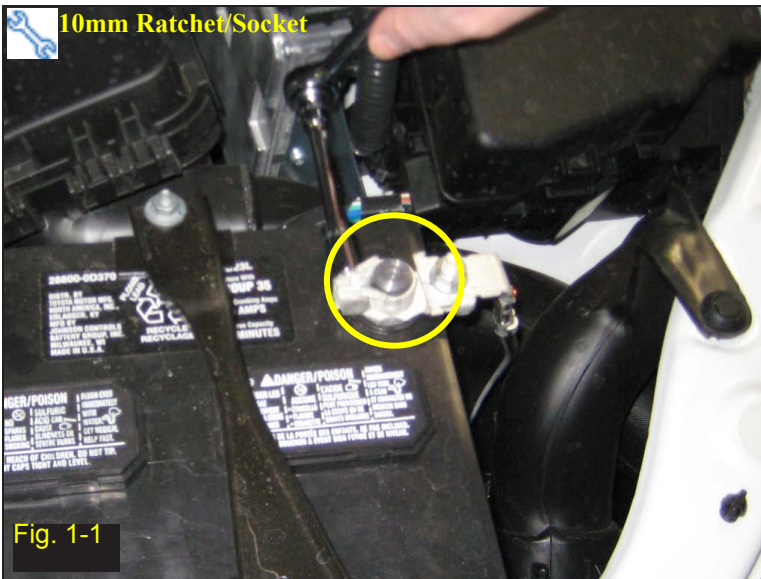
This document covers such items as:

- 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 Option I
4	BLU Logic Switch Option II





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 shifter bezel.
 - 1. Release the shift lock and move lever to the natural position.
 - 2. Disengage the three (3) clips on the Left side of the garnish and then (3) clips on the Right side of the garnish (Fig. 1-2).

NOTE: **Manual transmission vehicles** will require unscrewing the gearshift knob.

- b. Remove the upper right and left garnishes.



- 1. Applying protective tape to the upper dash as shown (Fig. 1-3).
- 2. Use the plastic panel removal tool to remove the upper right garnish (Roll-over Image).



3. Now remove the left garnish (Fig 1-4).



c. Remove the upper air vent assembly by pulling straight out (Fig 1-5).

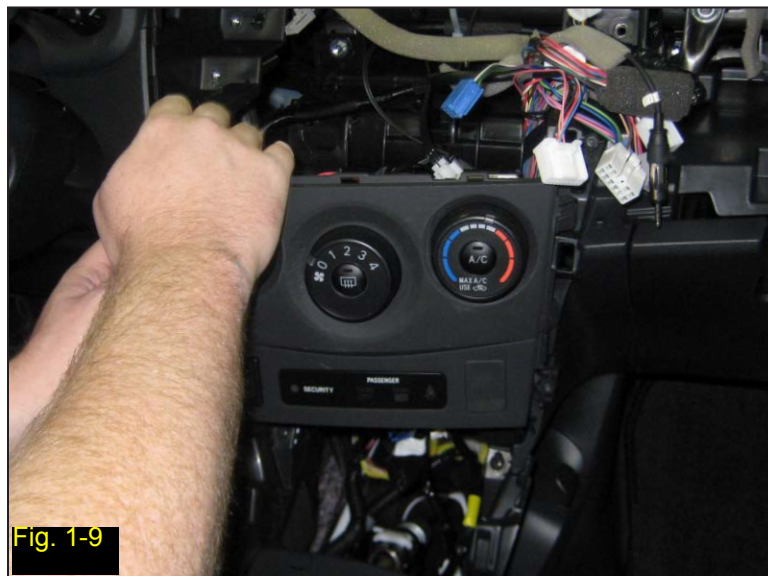
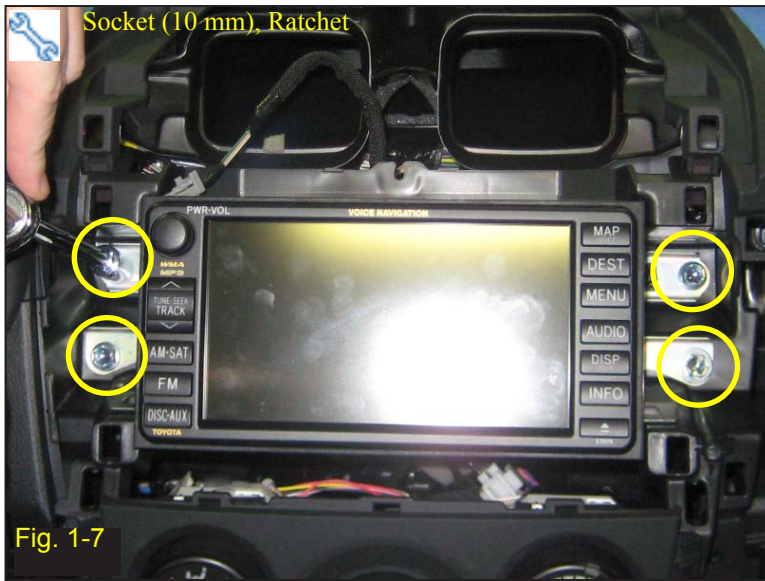
1. Disconnect any connectors and set aside.



d. Remove the radio assembly.

1. Remove the radio bezel by disengaging the four clips & pulling straight out. (Fig 1-6).

NOTE: On some models the radio may be attached to the bezel.



2. Remove the four (4) bolts securing the radio using a 10mm ratchet/socket (Fig 1-7).

3. Pull out the radio assembly once the screws are removed.

4. Unplug all connectors from the radio assembly.

NOTE: Take note of where all the plugs are located.

5. Set the radio aside.

3. BLU Logic Switch Install - Option I

a. Remove the lower storage compartment.

1. Remove the two (2) Phillips screws securing the lower storage unit (Fig 1-8).

2. Disengage the lower storage unit and disconnect any connectors (Rollover Image).

b. Remove climate control assembly.

1. Disengage the climate control assembly by carefully pulling straight out (Fig. 1-9).



Fig. 1-10

2. Unplug the two (2) lower plugs on the climate control unit.



NOTE: This will allow you to move the assembly out of the way. DO NOT disconnect any other connectors.

- c. Remove right knock-out blank from HVAC assembly (Fig. 1-10).

1. Mount BLU Logic switch with the solid arrow pointing up.



NOTE: If BLU Logic switch Option I is occupied, use switch Option II (Step 4).



Fig. 1-11



2. Support the HVAC controls with tape to prevent any damage to the connections as well as preventing scratches (Fig 1-11).



Fig. 1-12

- d. Route the BLU Logic switch cable.

1. Route behind the radio cross brace (Fig. 1-12).

2. Leaving a pig tail that will connect to the module.

3. Bundle up the excess and secure to existing radio harness with a wire tie(s).

4. BLU Logic Switch Installation - Option II



NOTE: If BLU Logic switch Option I is used, skip to Step 5.

- a. Remove lower knee panel.
 1. Remove one Phillips screw on the lower right side of the knee panel (Fig 1-13).

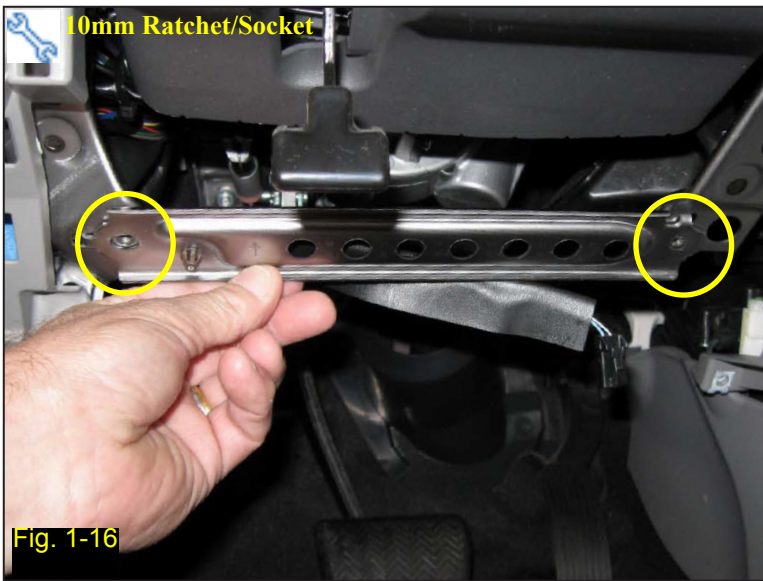
NOTE: Rollover image available.



2. Remove another Phillips screw on the lower left side of the knee panel (Fig 1-14).



3. Using your hands, disengage lower knee panel and remove (Fig 1-15).
 4. Disconnect any connectors.



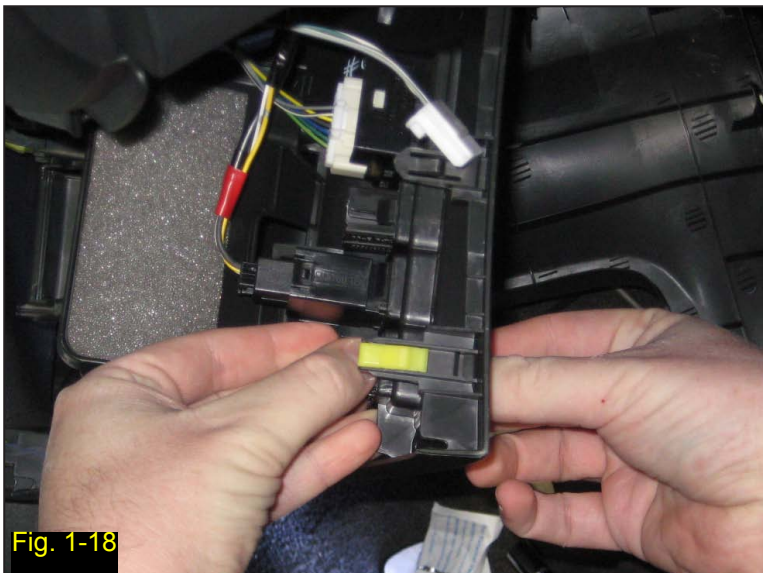
b. Remove metal brace.

CAUTION: The metal brace has very sharp edges, be extremely cautious when removing.

1. Remove two (2) bolt securing metal brace with a 10mm ratchet/socket and remove (Fig 1-16).
2. Detach any wire connectors from the brace.



3. Using your hands, carefully pull out the panel to the left of the knee panel (Fig 1-17).



4. Remove the far left blank plug by squeezing the locking tabs together and pushing out (Fig 1-18).

- c. Mount the BLU Logic switch (Fig. 1-19).

1. Make sure the solid arrow is pointing up (Rollover Image).

NOTE: If far left blank plug is occupied, use next available blank plug location.

- d. Route the switch cable.

1. Route along existing wire loom towards knee opening (Fig. 1-20).

NOTE: Switch cable is highlighted in orange.

BLU Logic wire ties in Figure 1-20 and the remainder of these instructions will be shown in yellow.

2. Wire tie every 5-6 inches.
3. Cut off excess wire ties.

4. Secure to existing wire loom with a wire tie and continue routing towards radio opening (Fig 1-21).

NOTE: Switch wire is highlighted in orange.

5. Wire tie every 5-6 inches.

NOTE: Telescope steering wheel to verify wires won't be pulled or stretched.

6. Cut off excess wire ties.

- e. Reinstall left hand switch panel, metal brace then knee panel.

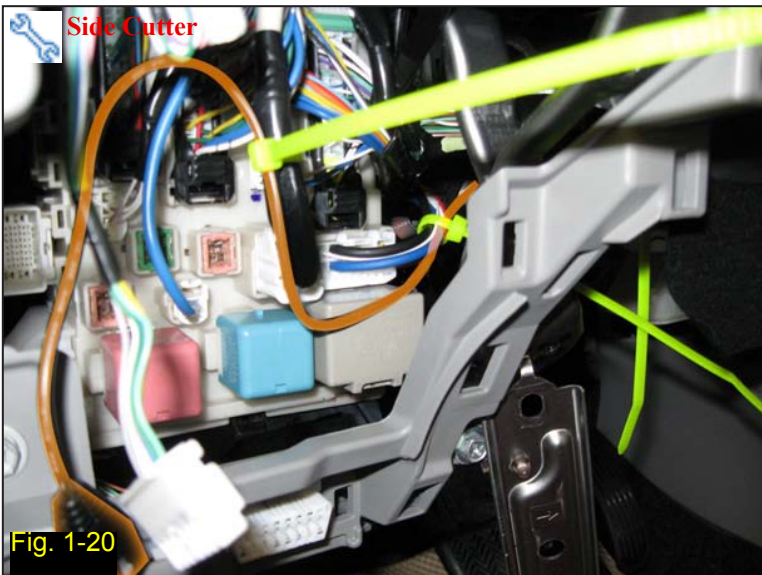




Fig. 1-22



Fig. 1-23

5. Microphone Installation.

a. Mount the microphone.

1. Using your hands, disengage the cluster bezel and remove (Fig 1-22).

2. Clean the microphone location thoroughly with VDC approved cleaner.
3. Position the microphone towards the rear of the bezel and visually centered. Minimize the amount of exposed wire visible to the customer. 0-8mm of exposed wire is acceptable when the bezel is installed. (Fig. 1-23).

4. Apply 33 cm of the 1/4" wire split loom to the microphone end of the cable leaving a minimum 25 mm of wire exposed.

5. Secure the wire loom with tape.

b. Route microphone cable.

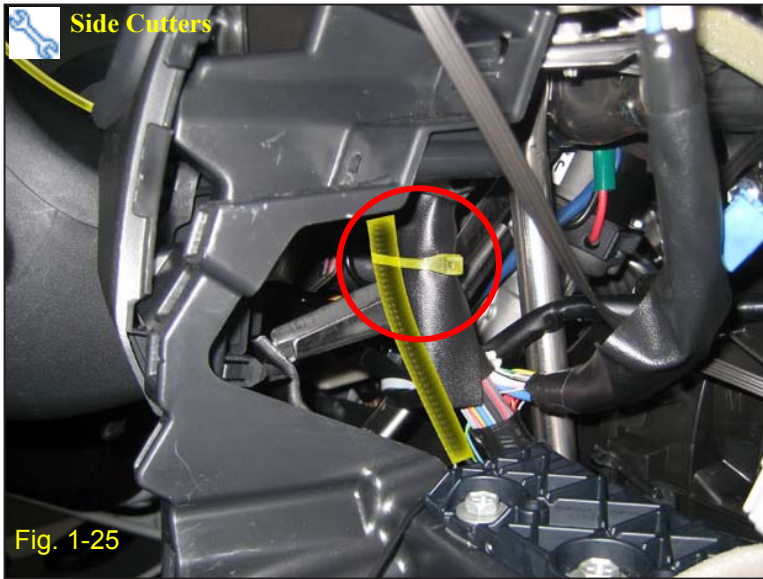
1. Tuck the microphone behind the bezel and secure to the back with foam tape (Rollover Image).

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

2. Route through the opening of the cluster bezel over towards the opening of the radio (Fig. 1-24).

3. Reinstall the cluster bezel.

NOTE: Microphone wire will be secured in the next step.



4. Provide enough slack and secure to existing vehicle wire loom (Fig 1-25).



NOTE: Telescope the steering wheel all the way out to verify wires won't be pulled or stretched.



6. Interface Module Installation

- a. Connect the main power harness to the BLU Logic interface unit (Fig. 1-26).
 1. Also connect the microphone cable as well as the BLU Logic switch cable to the interface module.

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



- b. Mount the interface module.
 1. Install two (2) zip ties through the module (Fig. 1-27).

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

2. Mount the module to the support bar to the right of the radio cavity (Fig. 1-28).

NOTE: Rollover Image shows the module mounted with the glove box removed. The glove box was removed for instruction purposes only. Removal is not required during installation.

- c. Route main power harness.

1. Connect the main power harness to the vehicle's matching radio harness (Fig 1-29).

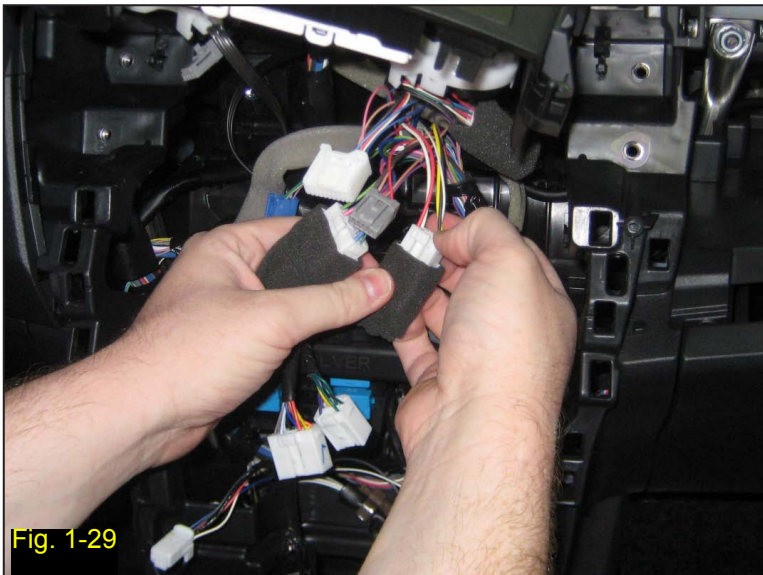


Fig. 1-29



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.

- d. Route main harness behind radio's cross brace (Highlighted in orange) (Fig. 1-30).
- e. Remove all slack from module and secure main harness, microphone and switch to existing radio wire loom with wire tie.
- f. Reinstall climate control and lower storage assembly.
- g. Reinstall radio assembly.

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.

- h. Reinstall air vent assembly.
- i. Reinstall all garnishes.
- 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 tools during installation.

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

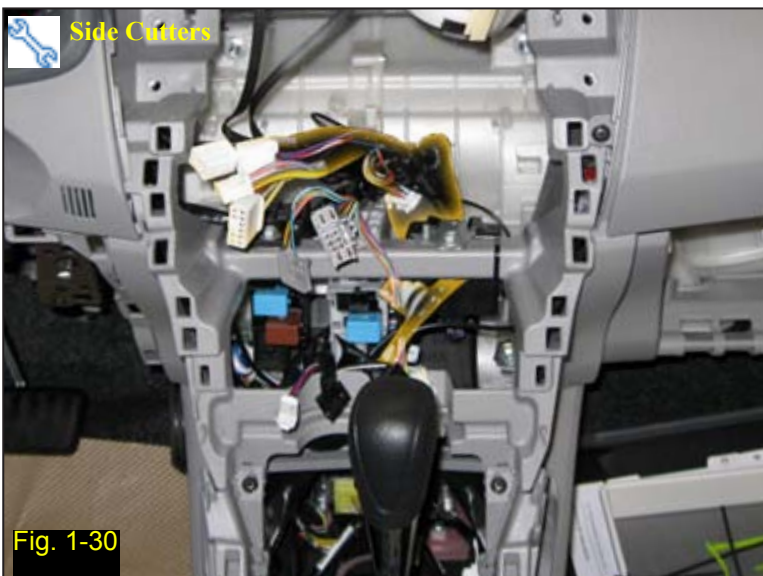


Fig. 1-30



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. 1-31).

- b. Apply it to the center of the switch so that the sticker hangs towards the right as shown in Fig. 1-32.

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



TOYOTA COROLLA 2009 - 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"/>	Mirror Switch	<input type="checkbox"/>	Verify the proper operation of the mirror switch.
<input type="checkbox"/>	NAV System (if equipped)	<input type="checkbox"/>	Confirm navigation operation by AVN diagnostics.
<input type="checkbox"/>	Left & Right Seat Heater Switch (if equipped)	<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 assembly. To replace, follow Step 1-10 to access the fuse location. NOTE: If the fuse is blown, the Hands Free BLU Logic will not turn on.