

**TOYOTA COROLLA**  
**Part Number: 00016-00113**  
**Accessory Code: RI2**

2009 -

**IPOD INTERFACE**  
**ALL TOYOTA RADIOS**



**Kit Contents**

Item #	Quantity Reqd.	Description
1	1	Digital interface box
2	1	Cable A
3	1	Cable B
4	1	Cable C
5	1	Hardware bag
6		
7		
8		

**Hardware Bag Contents**

Item #	Quantity Reqd.	Description
1	6	Wire ties
2		
3		
4		
5		
6		
7		
8		

**Additional Items Required For Installation**

Item #	Quantity Reqd.	Description
1	1	XM HARNESS IF NEEDED

**Conflicts**

Note:

**Recommended Tools**

<b>Safety Tools</b>	
<b>Special Tools</b>	
<b>Installation Tools</b>	
Nylon tool	
Screw Gun	Phillips head #2
Extension	6"
Sockets'	10mm
Drill bit	1/4"
Torque wrench	4.1 N-m ( 36 in-lbs )
<b>Special Chemicals</b>	

**Color Applicability/Trim Level**

Accessory Color																			
Vehicle/Trim Color																			

**General Applicability**






**NOTE: TMS XM RADIO requires XM wire harness part # 00016-00114**

**Recommended Sequence of Application**

Item #	Accessory	
1		
2		
3		

\*Mandatory

**Legend**

-  **STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.
-  **OPERATOR SAFETY:** Use caution to avoid risk of injury
-  **CRITICAL PROCESS:** Proceed with caution to ensure a quality installation. These points will be audited on a completed vehicle installation
-  **TOOLS & EQUIPMENT:** This calls out the specific tools and equipment required for this process
-  **REVISION MARK:** This mark highlights a change in installation with respect to previous issue.

**SPECIAL NOTE:**  
 After TMS and Safety mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install and in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.



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, rechecking torque procedure, etc.).
- Vehicle disassembly/reassembly (panel removal, part storage, etc.).
- Electrical component disassembly/reassembly (battery disconnection, connector removal, etc.).



**1. Vehicle Disassembly.**



(a) Use the 10 mm wrench to remove the negative battery cable.

(1) For vehicles equipped with automatic transmission, place the shifter in the N (neutral) position and set the parking brake prior to disconnecting the battery.

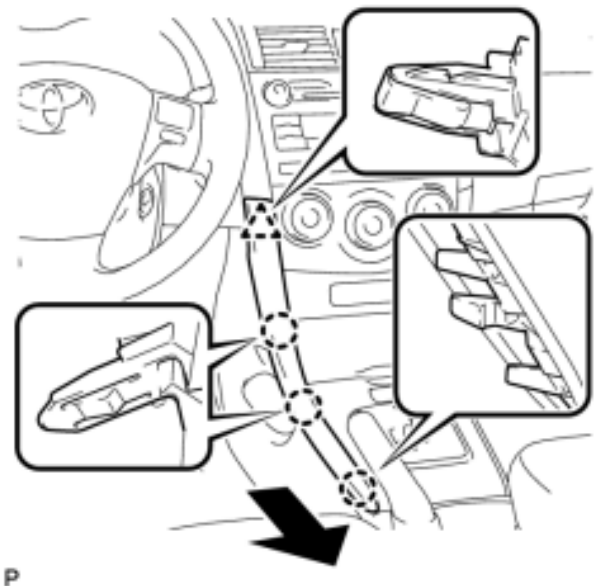
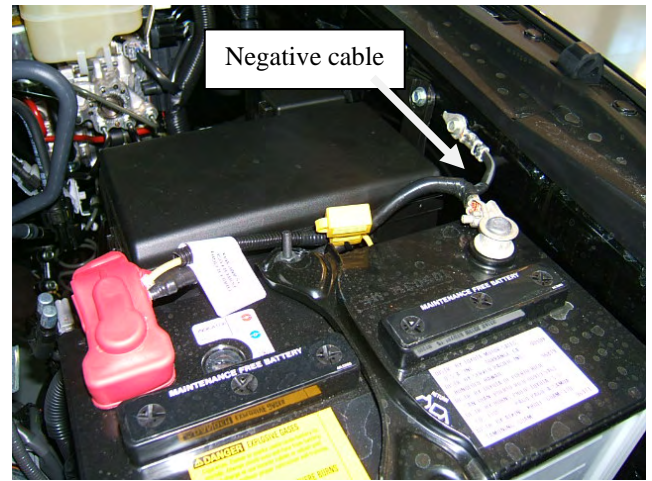
(2) Do not touch the positive terminal with any tool when removing cable.



2. Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.

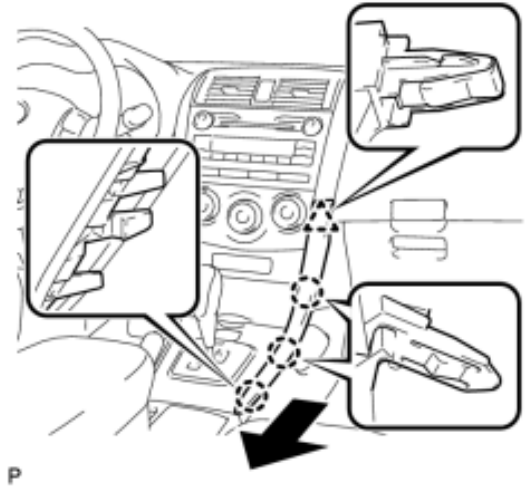


3. REMOVE LOWER INSTRUMENT PANEL FINISH PANEL LH. Using a nylon tool disengage the 3 claws and clip, and then remove the lower instrument panel finish panel LH.

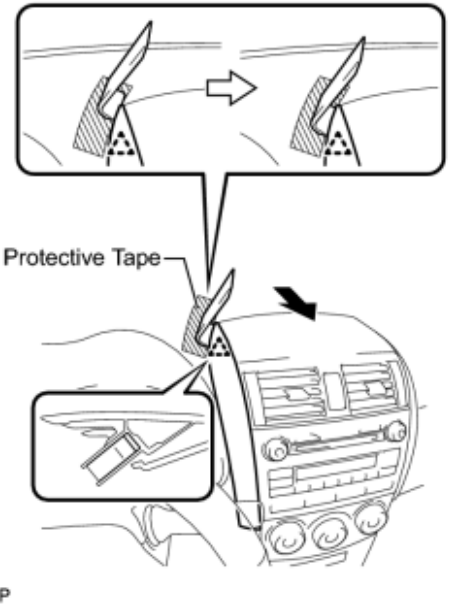




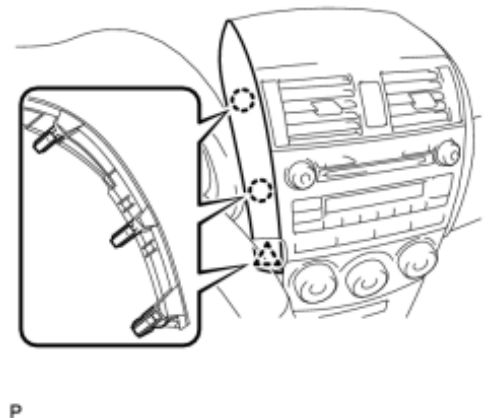
4. Using a nylon tool disengage the 3 claws and clip, and then remove the lower instrument panel finish panel RH.



5. REMOVE INSTRUMENT PANEL FINISH PANEL END LH. Apply protective tape to the area shown in the illustration. Repeat process for RH.



6. Insert a nylon tool and slide it toward the clip. Pull the tool with both hands to disengage the clip as shown in the illustration. Disengage the 2 claws and clip, and remove the instrument panel finish panel end LH. Repeat process for RH.





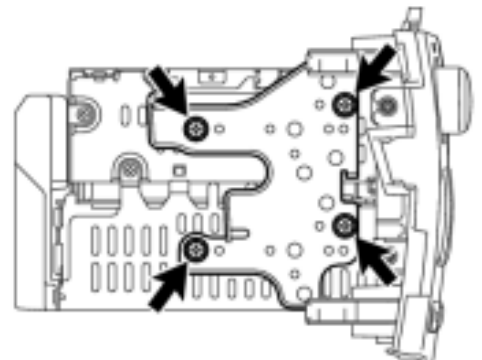
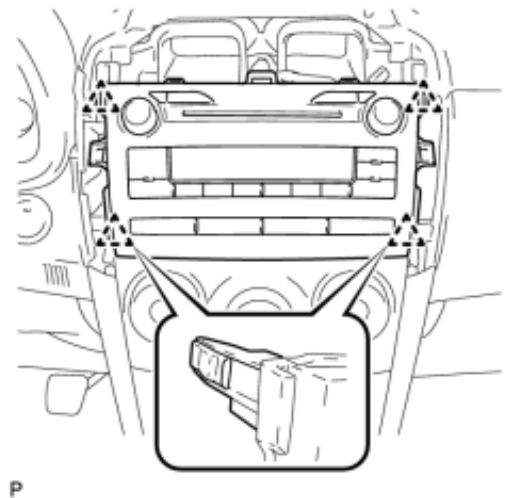
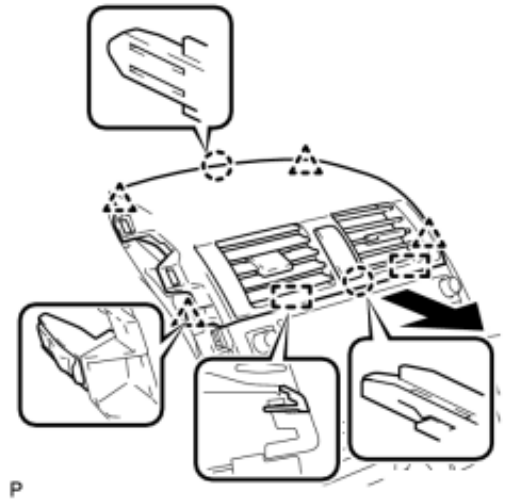
7. Disengage the 2 claws, 4 clips, and 2 guides. Disconnect the connectors and remove the center instrument panel register assembly.



8. Remove the 4 bolts. Pull the radio receiver with bracket toward the rear of the vehicle and disengage the 4 clips.

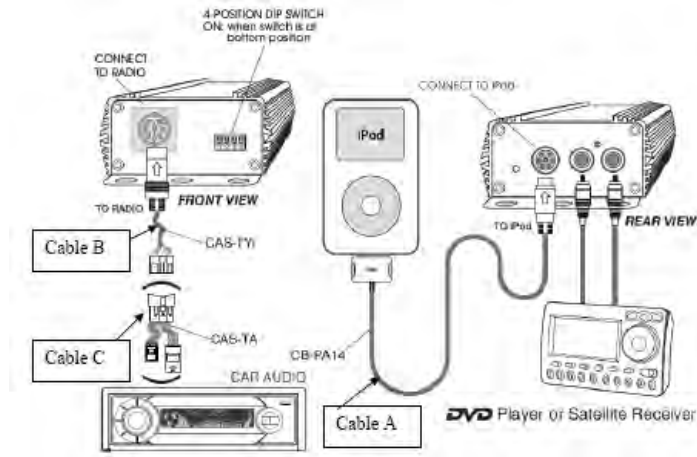


9. Pull the radio receiver with bracket toward the rear of the vehicle and disengage the 4 clips. Disconnect each connector and remove the radio receiver.

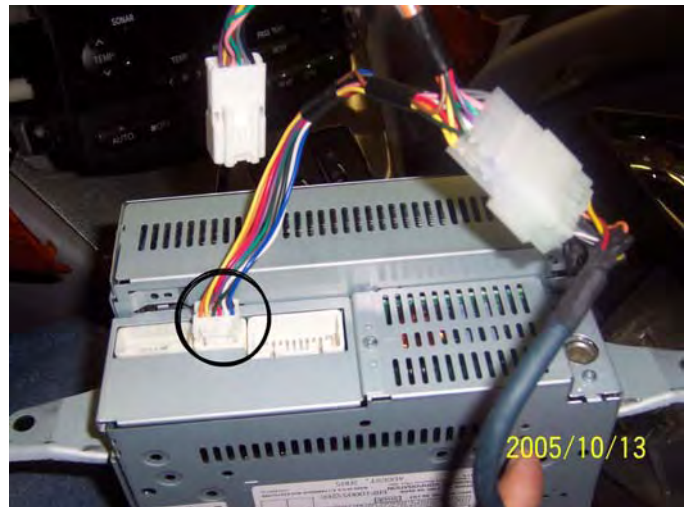




10. Disconnect existing CD changer from the radio ( if there is one ). Plug the round din plug ( male side ) of the cable B to the Digital Audio Interface adaptor box connection labeled 'RADIO'. Plug the other end of B cable to the C cable ( female side ).



11. Plug C Cable (small Male End) to the back of radio and connect C Cable (Small Female End) to the CD Changer (if there is one) if not use wire ties to secure to wire harness.



**All Radios  
Except  
Tundra, Solara  
Sequoia, Prius &  
Avalon**

**Pin Setting  
# 1 OFF  
# 2,3,4 ON**



**NOTE: If installing satellite radio refer to page 10 And the TMS Document.**



12. Lower glove box and drill ¼” hole in the upper back corner to secure wire. Wire tie iPod end of cable ( A ) in glove box. Leaving 8 – 10” of play inside glove box.



13. Find area behind the radio that will not interfere with the installation of radio, then mount and secure the interface unit with wire ties.

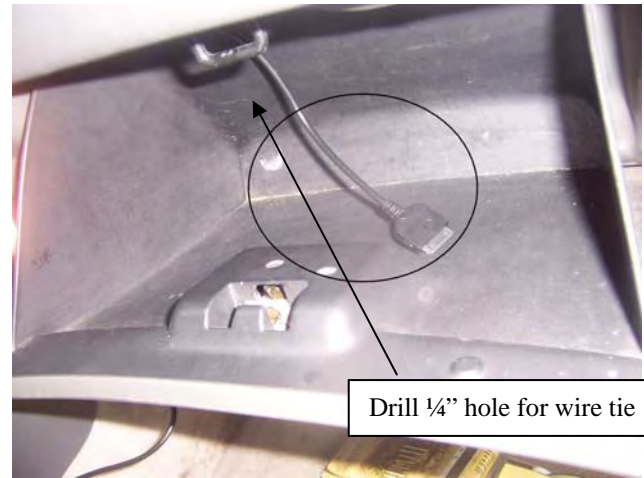


14. Reconnect battery and torque to 36 in lbs.

15. Plug test iPod to the iPod connector in glove box. NOTE: if it does not play disconnect the power and reconnect.

16. Reinstall dash in reverse order of this manual.

**After all panels, covers and components have been reinstalled, test thoroughly, all mechanical and electrical components disconnected and removed from the vehicle during the installation of this accessory.**



**Select iPod Mode on Toyota Radio:**

Press the **CD/SAT** or **AUX/DISC** button on radio repeatedly until CD 7-x" appears on the radio display (x is the track number of "Now Playing" song on iPod). This display confirms that iPod mode has been completely synchronized and activated. Synchronization timing varies according to the number of Playlists on your iPod. If iPod was playing previously before radio or ACC power was turned OFF and the iPod was not disconnected, playback resumes from where it was stopped.

**Disconnecting iPod from the Interface:**

If your iPod is disconnected during playback in iPod mode, the radio will automatically switch to AM/FM mode.

After disconnecting, iPod screen changes from external control mode screen back to the normal menu. Press and hold the Play/Pause button on iPod may get normal menu back faster.

**Playback of Songs on iPod:**

All audio tracks on your iPod will be played at disc 7. Track order is determined by the default order on your iPod. Selecting disc 1 to disc 6 on radio will allow playback of 6 Playlists on iPod. If iPod was playing any of its Playlist right before the connection, the same Playlist will continue to play and repeated at disc 7 and iPod will switch to "All" after the last track in this playlist is played.

**Selecting a Play List:**

Press DISC UP (▲) or DISC DOWN (▼) button to select a Playlist. The selected Playlist will begin playing and the Playlist number and track number will be displayed. In rare cases, this may take up to a few seconds for the completion of synchronization.

After playing the last song in the current Playlist, playback will start again from the first track of this Playlist.

**PRE-INSTALLATION NOTES**

- It is strongly recommended that the unit is installed in an accessible location so that it can later be easily reset or upgraded
- Eject ALL CDs from the built-in CD player or CD changer before installation or disconnect the power to the radio!!!

**GENERAL CAUTION NOTES**

- In general, iPod's are not designed to withstand temperature extremes in automobiles. Please consult your iPod's Owner's Manual regarding acceptable operation and storage temperatures.
- Do not disassemble or alter the cable and interface box.
- Make the connections correctly.
- Do not cut away the wire sheath or use the power for other equipment.
- Do not install in locations which might hinder vehicle operation or create hazards for vehicle occupants.
- Have the wiring and installation done by a professional installer.
- Arrange wiring so it is not crimped or pinched during installation.
- Do not use this product for purposes other than stated for the vehicle.
- **SAFETY NOTE:** You should always give full attention to driving. Do not operate in such a way that distracts you while you are driving.

**Playlist Naming:**

- When iPod is connected to your radio via Toyota interface adapter, the adapter scans all available Playlists on iPod and looks for designated "Toyota" Playlists which are created for direct access with the DISC controls on Toyota radio. The designated "Toyota" Playlists are related to DISC number in the following manner:

DISC 1: "TOYOTA1..."  
 DISC 2: "TOYOTA2..."  
 DISC 3: "TOYOTA3..."  
 DISC 4: "TOYOTA4..."  
 DISC 5: "TOYOTA5..."  
 DISC 6: "TOYOTA6..."  
 DISC 7: ALL SONGS on iPod

The naming of designated "Toyota" Playlists in iTunes for the Toyota interface must be exactly as shown. "Toyota" must be in capital letters and there can be no spaces between "Toyota" text and number.

However, you may add any text after the correct naming of a Playlist. (i.e. "Toyota1-Jazz", "Toyota3\_Favorite3" are acceptable Playlist names for the Toyota iPod interface.)

- If no designated "Toyota" Playlists are created, the Toyota adapter automatically relates to the first five Playlists on iPod to DISC number 1 to 6 regardless of Playlist naming.
- If less than six designated "Toyota" Playlists are created, the Toyota adapter automatically fills up the rest of the DISC numbers beginning with the first available Playlist on the iPod.
- For example, if only three designated "Toyota1", "Toyota3" and "Toyota5" Playlists are created, the disc number on radio will be:

DISC 1: "Toyota1..."  
 DISC 2: (1st available Playlist on iPod)  
 DISC 3: "Toyota3..."  
 DISC 4: (2nd available Playlist on iPod)  
 DISC 5: "Toyota5..."  
 DISC 6: (3rd available Playlist on iPod)

The iPod interface does not recognize a Playlist that contains no audio tracks regardless of Playlist naming. The iPod interface also does not recognize the "On-The-Go" Playlist on your iPod.

**Playback Function Controls:**

You can control playback with several functions. These functions are generally cancelled when you press select radio buttons; disconnect the iPod, or POWER OFF the radio or ACC.

**Scan:**

Press the scan button, each track in the current Playlist will play for 10 seconds. If SCAN is pressed at DISC 6, it will play all songs in iPod for 10 seconds each.

**Random (Shuffle):**

Press the "RDM" random button, songs and Playlist will playback in random order. Some radio models use the "P scan" button to activate random mode.

**Repeat:**

Repeat of a song being played is not supported.

**Track Up/Down:**

Press the "NEXT" button to advance to the next track in the Playlist. Press the "PREV" button to go to the beginning of the track that is being played. Press the track down button twice to go to the previous track.

If the track up or track down buttons are pressed quickly in repetition, the track numbers displayed may change unevenly. You may also hear short bits of audio during repeated presses of track up and track down buttons.

**If your Toyota radio currently displays a maximum of two digits for a track number, Track number 100 will be displayed as 01, track 101 as 02, & track 102 as 03...**

**Fast Track Search (x10):**

Press the "FWD" (fast forward) or "REV" (fast reverse buttons) will advance or retreat through the tracks in the Playlist in increments of 10 (i.e. 04, 14, 24...). When the end of the Playlist reached, the search will stop at track 1, and then continue by increments of 10 (i.e. 19, 29 ...).

When the Toyota interface is configured to SAT port, pressing Fast Forward button starts the 10 track jump and requires a second on the FF button to stop the track jump, To stop the fast retrieval, a second press on Fast Rewind button is required.

**Changing Source to AM/FM, CD, Cassette:**

When a source other than the iPod is selected on radio, the iPod will pause.

Check:  
Accessory Function Checks

- Interface Kit
- Receiver/player Assembly.

Look For:

- \*Verify the proper connection of the Interface kit by using the checker
- \*Verify the proper operation of the Receiver/player Assembly
- \*Verify both AM & FM have good reception.
- \*(Refer to the receiver assembly and radio owner's manuals.)

Vehicle Function Checks

- Hazard Switch.
- HVAC.
- Multi-information displays. (Clock, Temp., and MPG meter)
- Operation of the 12V outlet switch.
- Aux Input Jack.
- NAV Antenna Functioning.

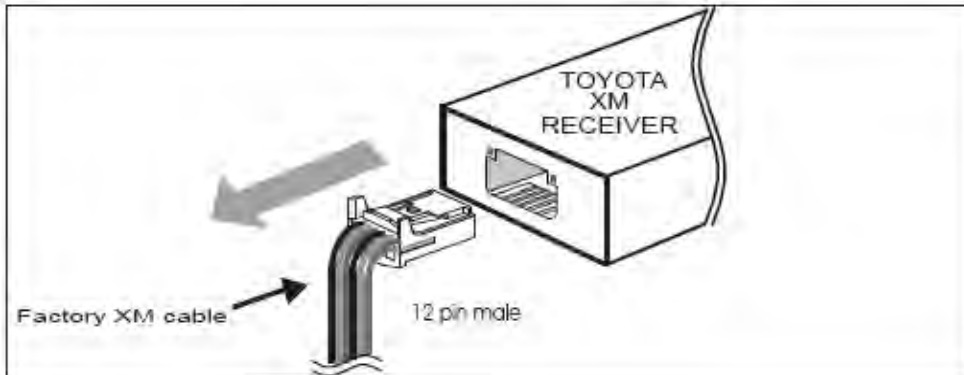
- Proper operation of the hazard switch.
- Proper operation of the air conditioning system.
- Verify the proper operation of the multi-information displays.
- Verify the proper operation of the 12V outlet switch.
- Verify the Auxiliary Input Jack is working properly
- Confirm navigation operation by AVN diagnostics.

## iPOD INTERFACE TMS XM SATELITE WIRE HARNESS INSTALLATION INSTRUCTIONS

**Step 1**

(See Figure 1 for connection details)

- Un-plug 12-pin connector from the factory TMS XM receiver



**Step 2**

- Plug 12-pin male connector on Toyota interface harness to the factory TMS XM receiver
  - Connect factory 12-pin male connector to the female 12-pin connector on the Toyota interface harness
  - Plug the blue wire on the Toyota interface harness into the port on the interface labeled "XM"
  - Plug round din cable to interface adapter
- Note:** Make sure this is connection is made last

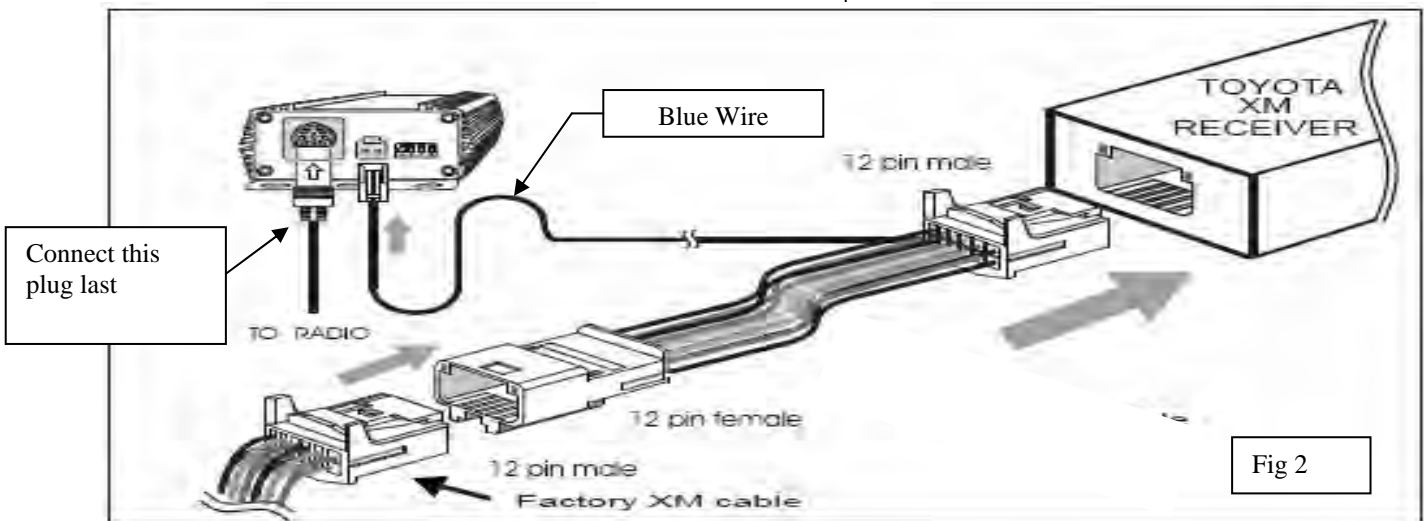


Fig 2