

Part Number: PT545-00082**Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Unit Assembly Kit
2	1	Mounting Kit
3	1	Hardware Bags
4	1	Unit and Fit Kit List
5	1	Owner's Manual

Unit Assembly Kit Contents

Item #	Quantity Req'd.	Description
1	1	Interface Kit

Mounting Kit Contents

Item #	Quantity Req'd.	Description
1	1	iPod Cable
2	1	Grommet

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	1	Foam Sleeve
2	4	2x4 inch Adhesive Protective Foam
3	4	14 inch Lock Tie
4	2	6 inch Lock Tie

Conflicts**XM or Sirius Satellite Radio****Requirement****SAT Ready Head Unit****Recommended Tools**

Personal & Vehicle Protection	Notes
Safety Goggles	
Seat Covers	
Special Tools	
Panel Clip Remover	
Sockets	10 mm, 8 mm
Screwdriver	Phillips, #2
Torque Wrench	4.1 N•m (36lbf-in) (battery cable) 10 N•m (7ft-lbf)
Hole Saw	1 1/8 inch (29 mm)
De-burring Tool	
Installation Tools	Notes
Tape Measure/Ruler	Metric/Standard
Side Cutter	
Masking Tape	
Special Chemicals	Notes
Cleaner	3M™ Prep Sol-70

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

General Applicability

Note:-

Recommended Sequence of Application

Item #	Accessory
1	Security System
2	RES
3	EC Rearview Mirror
4	iPod Interface

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description
1		
2		
3		

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.



CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.

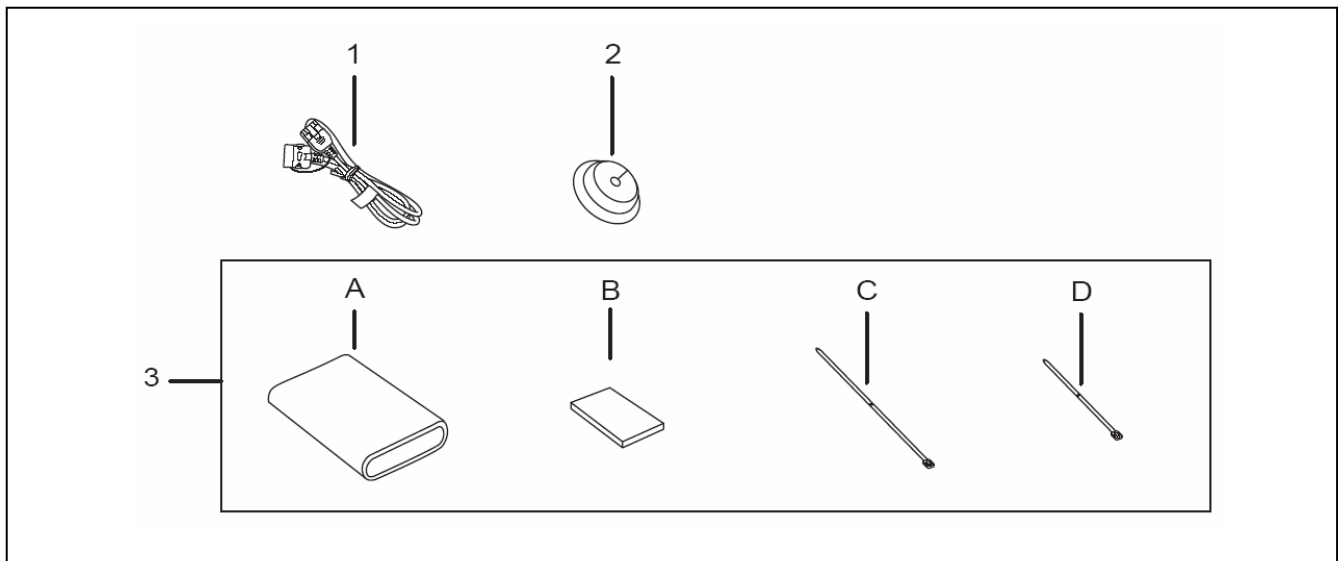
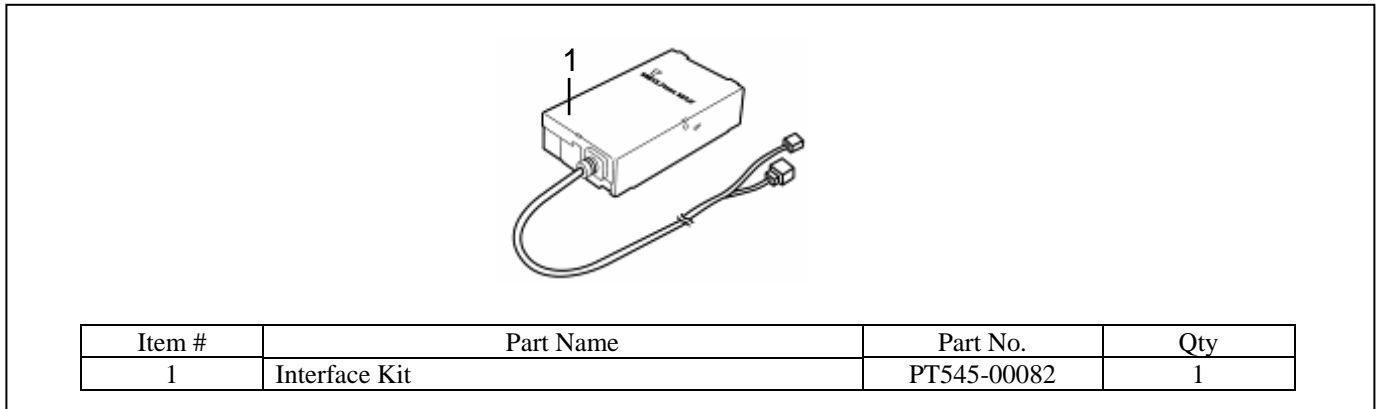


TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.



REVISION MARK: This mark highlights a change in installation with respect to previous issue.

Parts Description of Interface Kit Assy.



Parts Description of Mounting Kit (PT545-00082)

Item #	Part Name		Qty
1	iPod Cable		1
2	Grommet		1
3	A	Foam Sleeve	1
	B	2x4 inch Adhesive Protective Foam	4
	C	14 inch Lock Tie	4
	D	6 inch Lock Tie	2

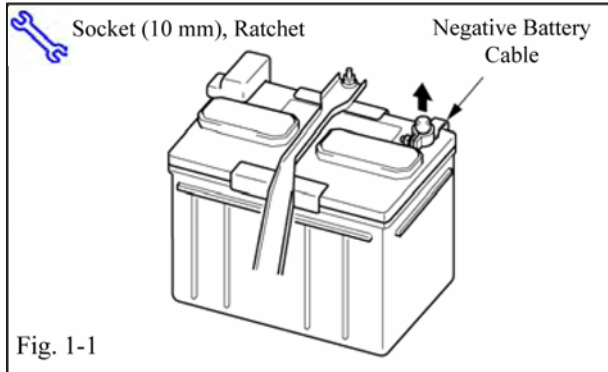
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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.).

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



1. Vehicle Disassembly.



(a) Set parking brake.

(b) Remove the negative battery cable. (Fig. 1-1)



(1) Protect the fender before starting.

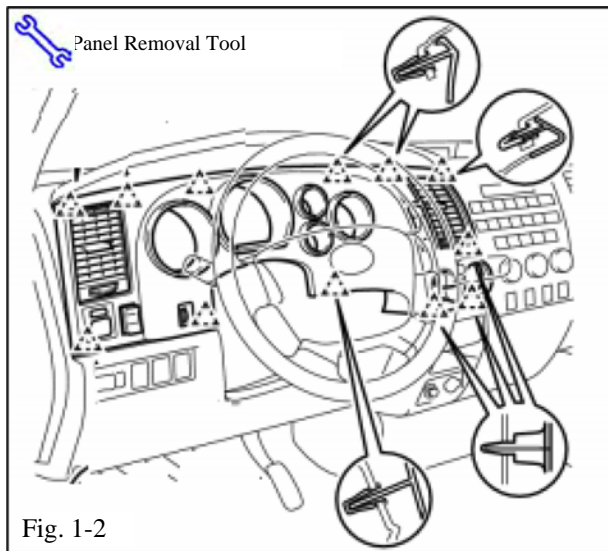


CAUTION: Do not touch the positive terminal with any tool when removing cable.

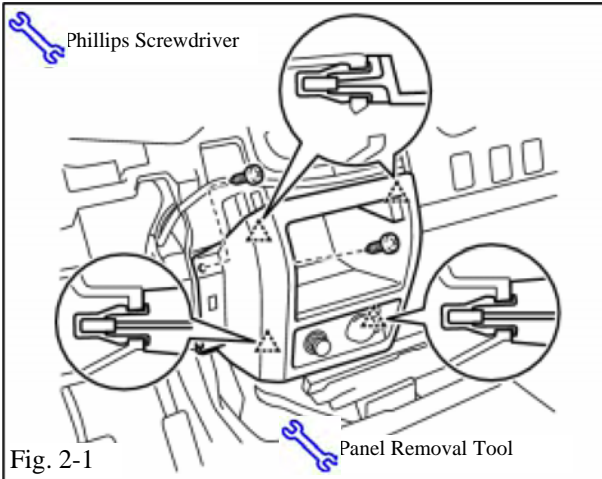
(c) Using protective blankets, cover front seat, interior of vehicle, center console and front side of the shift lever.

(d) Loosen the instrument cluster.

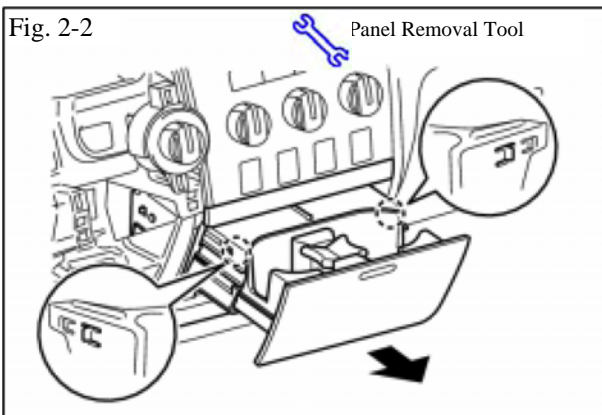
(1) Using a panel removal tool, loosen the seven (7) clips on the right side of the instrument cluster as shown. (Fig. 1-2)



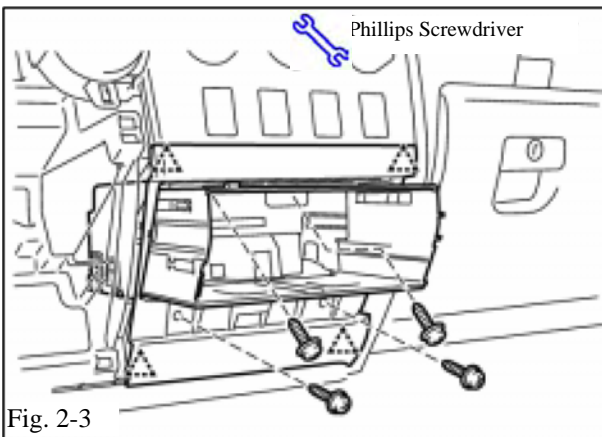
For Column Shift Vehicle



For Column Shift Vehicle



For Column Shift Vehicle



2. Prepare to Access Radio for Column Shift Vehicles. (Tundra Only)

(a) Remove the lower instrument cluster.
(Fig. 2-1)

- (1) Remove the two (2) screws.
- (2) Detach the four (4) clips & remove the cluster.
- (3) Disconnect any connectors.

(b) Remove the instrument panel cup holder assembly. (Fig. 2-2)

- (1) Detach the two (2) claws and remove the door box.

(2) Remove the four (4) screws. (Fig. 2-3)

(3) Detach the four (4) clips and remove the cup holder.

For Floor Shift Vehicle

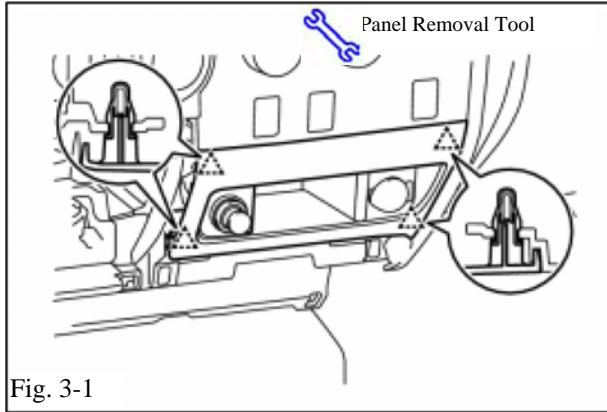


Fig. 3-1

3. Prepare to Access Radio for Floor Shift Vehicles.

- (a) Remove the lower instrument cluster.
(Fig. 3-1)
 - (1) Detach the four (4) clips & remove the cluster.
 - (2) Disconnect any connectors.

For Manual Air Conditioning System

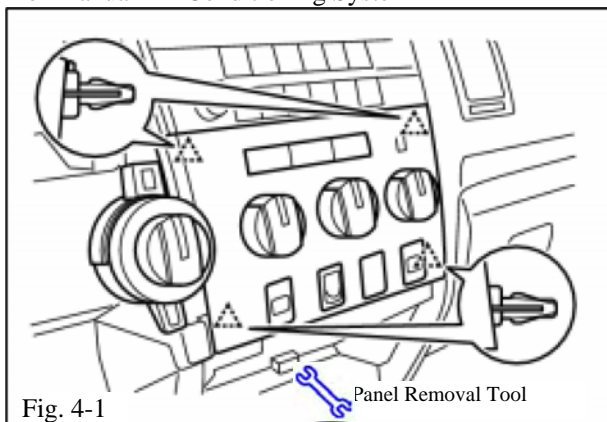


Fig. 4-1

4. Access Radio.

- (a) Remove the integration control panel assembly. (Fig. 4-1 & 4-2)
 - (1) Detach the four (4) clips.
 - (2) Slightly raise the right side of the instrument cluster finish panel.
 - (3) Remove the integration control panel and then disconnect the connectors.

For Automatic Air Conditioning

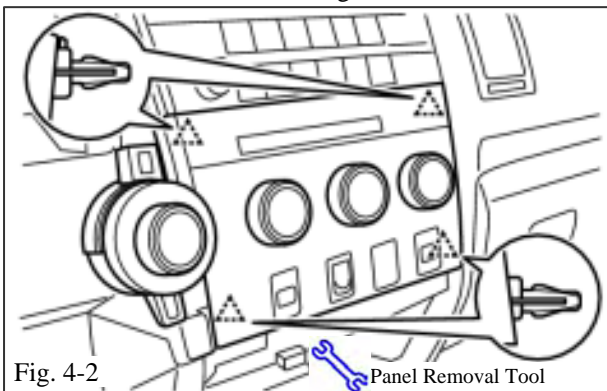
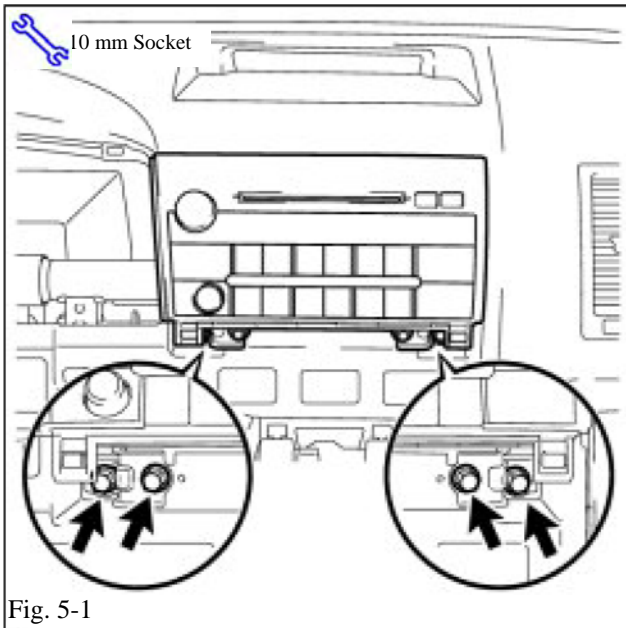


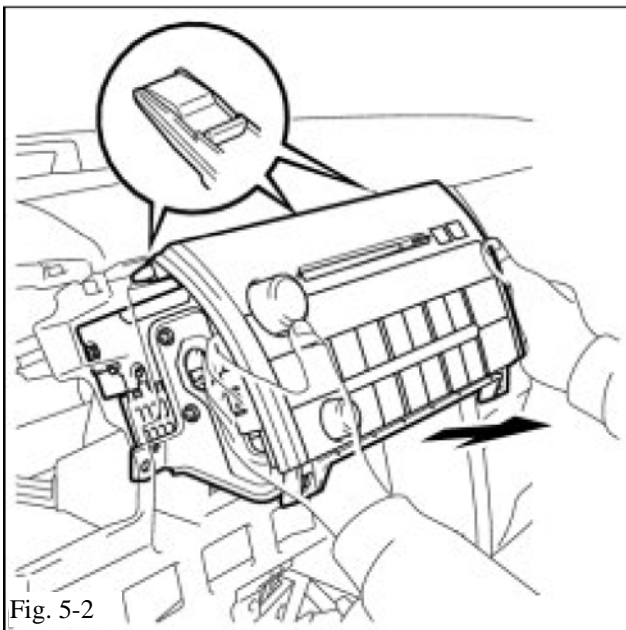
Fig. 4-2

5. Remove Radio Receiver Assembly with Bracket.

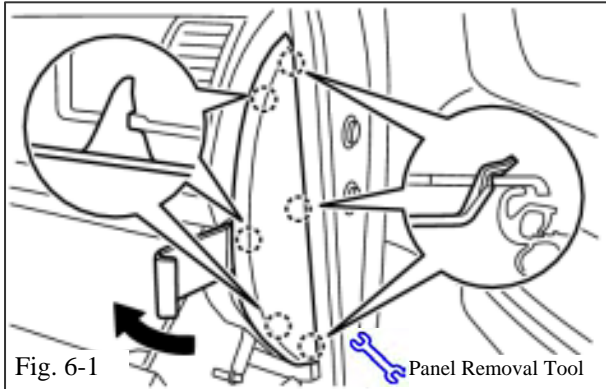
(a) Remove the four (4) bolts. (Fig. 5-1)



(b) Pull the radio receiver to detach the three (3) clips on the backside of the radio receiver. (Fig. 5-2)



(c) Disconnect the connectors and remove the radio receiver.

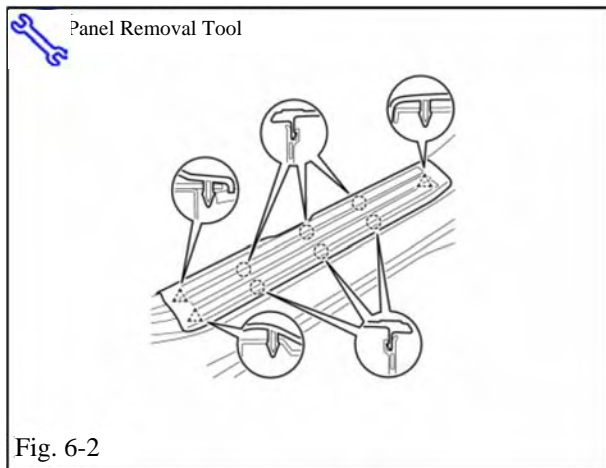


6. Disassemble Glove Box.

(a) Remove instrument side panel RH.

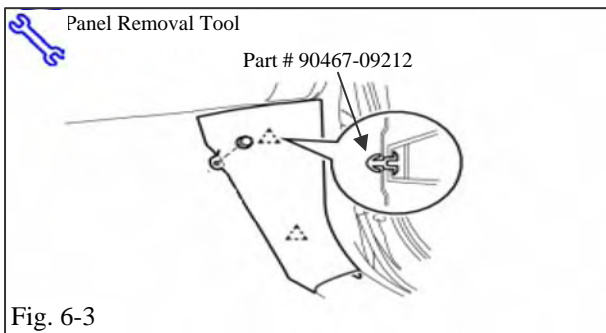


- (1) Using a panel removal tool, detach the six (6) claws and remove the side panel. (Fig. 6-1)



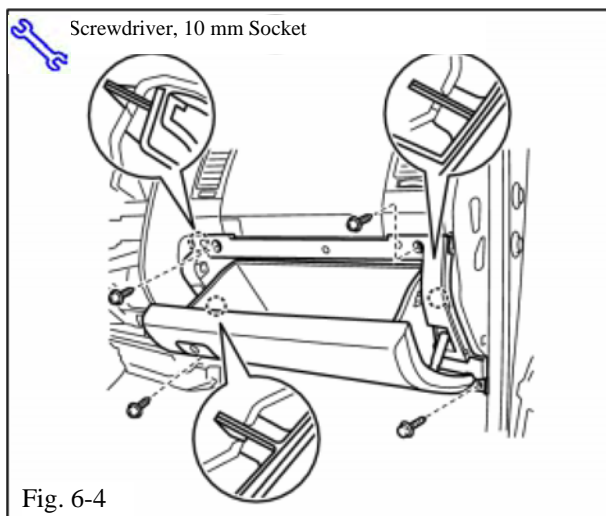
(b) Remove front door scuff plate RH. (Fig. 6-2)

- (1) Detach the six (6) claws and three (3) clips, and remove the scuff plate.



(c) Remove cowl side trim board LH. (Fig. 6-3)

- (1) Remove the clip.
- (2) Detach the two (2) clips and remove the cowl side trim board

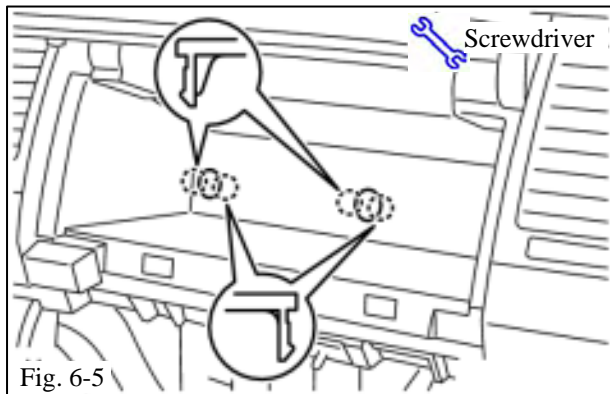


(d) Remove the glove box assembly. (Fig. 6-4)

- (1) Remove the bolts.
- (2) Remove the four (4) screws.
- (3) Detach the three (3) claws and remove the glove box.



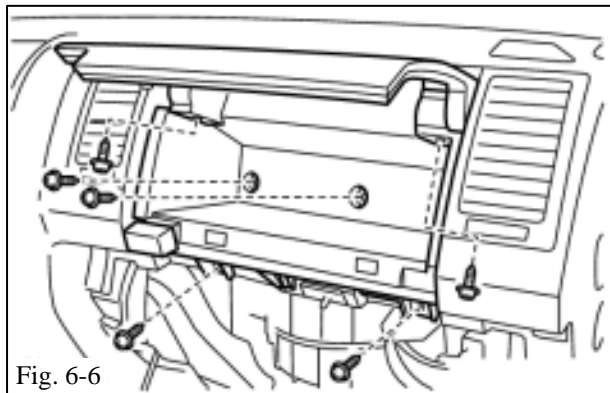
- (4) Disconnect any connectors.



(e) Remove the upper glove box assembly.

- (1) Using a screwdriver, detach the four (4) claws to remove the two (2) panel hole covers. (Fig. 6-5)

NOTE: Tape the screwdriver tip before use.



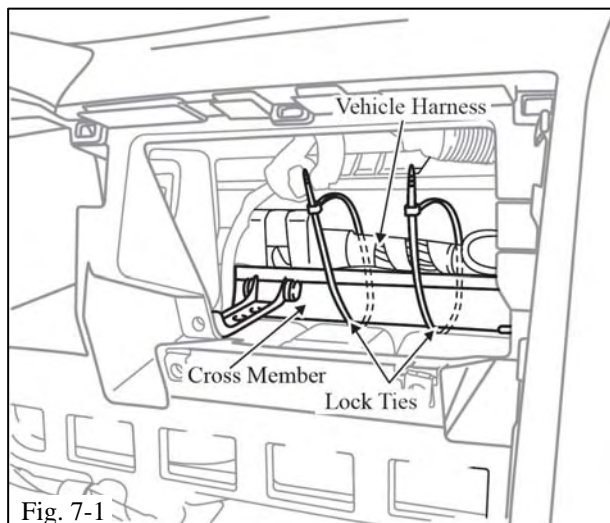
- (2) Remove the six (6) screws and box door. (Fig. 6-6)

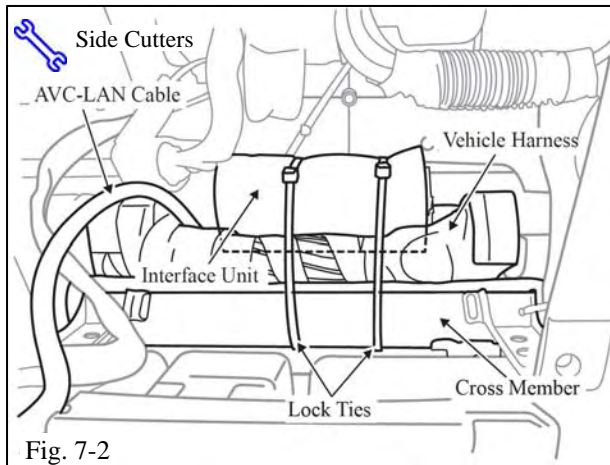
7. Install the Interface Unit.

(a) Slide the interface unit into the foam sleeve.

(b) Place two (2) 14" lock ties around the cross member and the vehicle harness. (Fig. 7-1)

- (1) Lock ties must go over the cross member and vehicle harness.

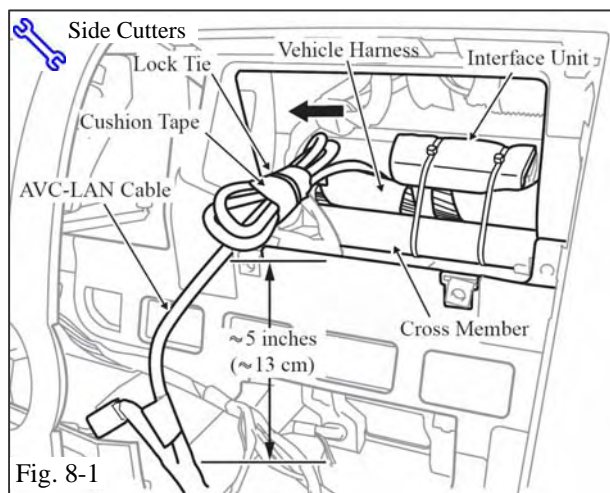




(c) Install the interface unit behind the vehicle harness. (Fig. 7-2)

(d) Secure the interface unit with the lock ties.

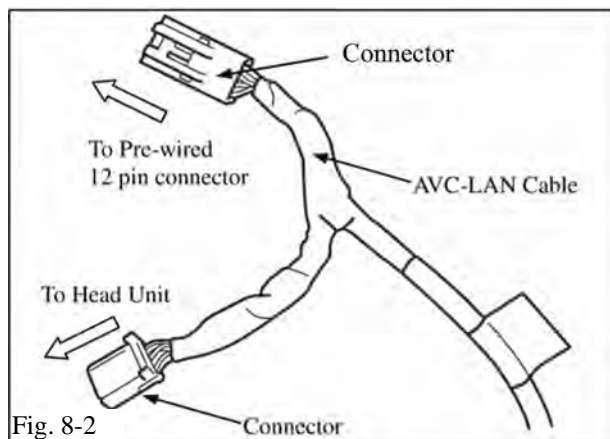
NOTE: Cut off all excess of lock ties after tightening.



8. Connect the AVC-LAN Cable to the Head Unit.

(a) Bundle the excess AVC-LAN cable and secure with cushion tape and one (1) 14" lock tie. (Fig. 8-1)

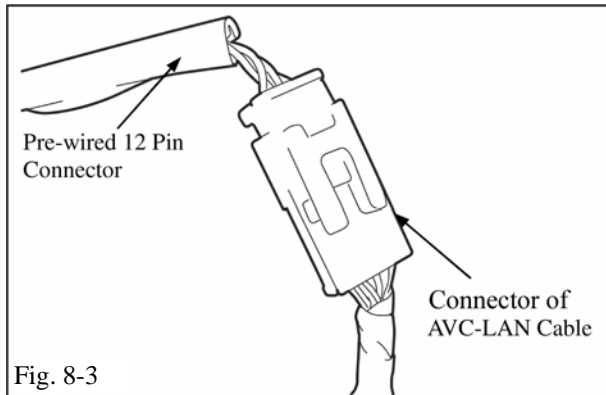
(b) Fit the bundled AVC-LAN cable into the left side of the instrument panel. (Fig. 8-1)



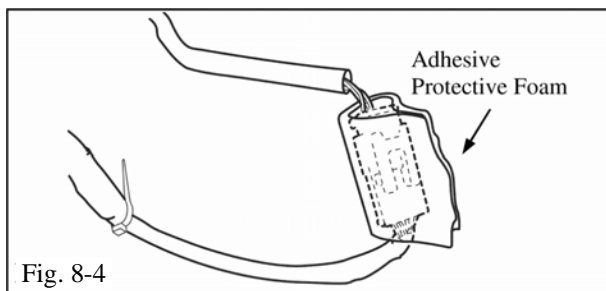
NOTE: If the 12-pin connector is already pre-wired to the head unit, proceed to step (c). If the 12-pin connector is not pre-wired to the head unit, proceed to step (d).

(c) If the 12-pin connector is already pre-wired to the head unit.

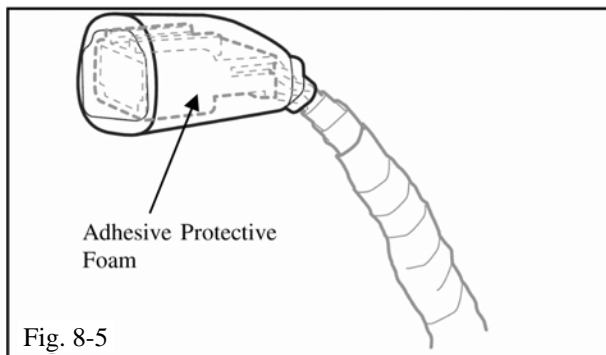
(1) Remove the pre-wired 12-pin connector from the head unit.



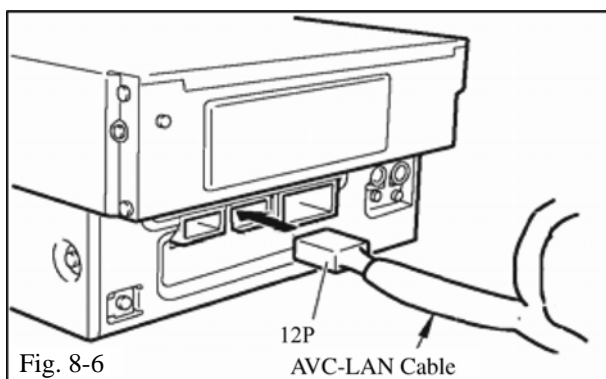
- (2) If applicable, plug the pre-wired 12-pin connector into the connector of the AVC-LAN cable. (Fig. 8-2 & 8-3)



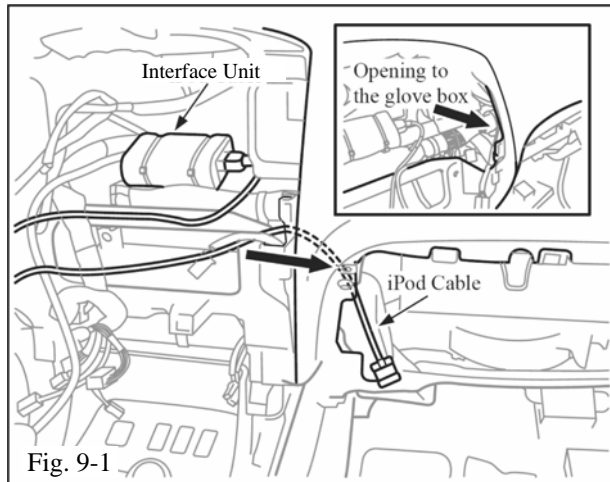
- (3) Wrap the connectors with adhesive protective foam to secure. (Fig. 8-4)
- (4) Reconnect the factory harness and antenna cable.



- (d) If the 12-pin connector is not pre-wired to the head unit.
- (1) Wrap the unused connector of the AVC-LAN cable in adhesive protective foam. (Fig. 8-5)
- (2) Reconnect the factory harness and antenna cable.



- (e) Plug the connector of the AVC-LAN cable into the head unit. (Fig. 8-6)
- (f) Reinstall head unit.



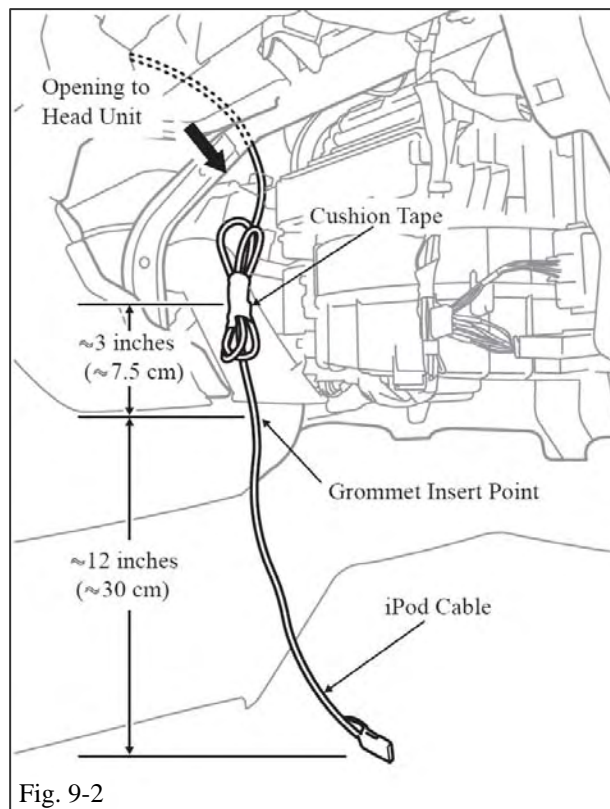
9. Route and Install the iPod Cable.

(a) Route the iPod cable through from the head unit to the glove box opening. (Fig. 9-1)

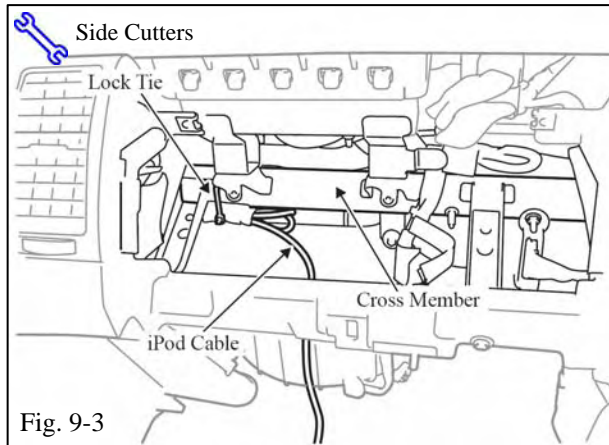
(b) Plug the iPod cable into the interface unit. (Fig. 9-1)

(c) Bundle the excess iPod cable. (Fig. 9-2)

(1) Provide sufficient cable length so 12 inches of cable will be in the glove box after installation.

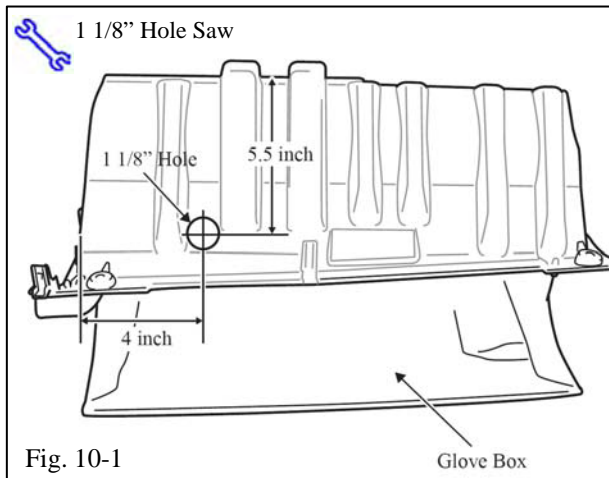


Procedure



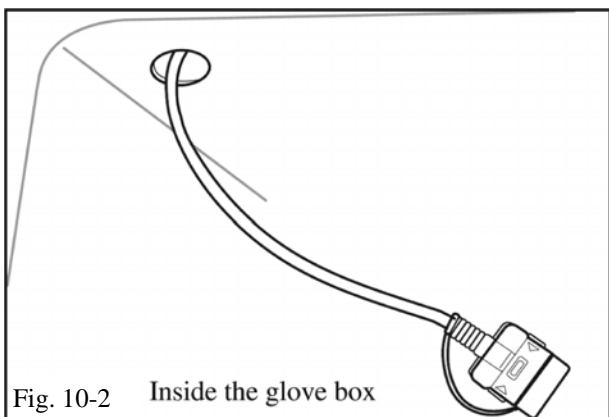
- (d) Using the 14" lock tie, secure the cable bundle to the cross member behind the glove box. (Fig. 9-3)

NOTE: Cut off all excess of lock tie after tightening.

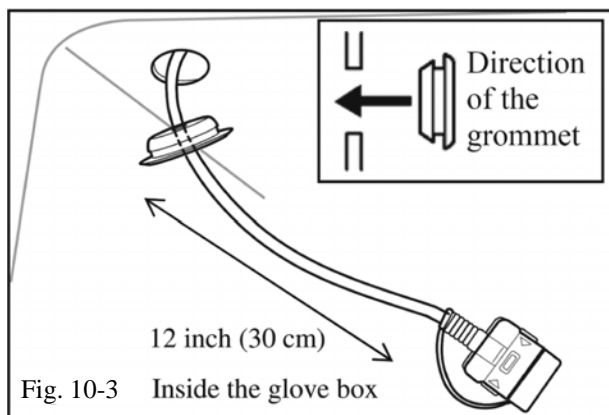


10. Route the iPod Cable Terminal.

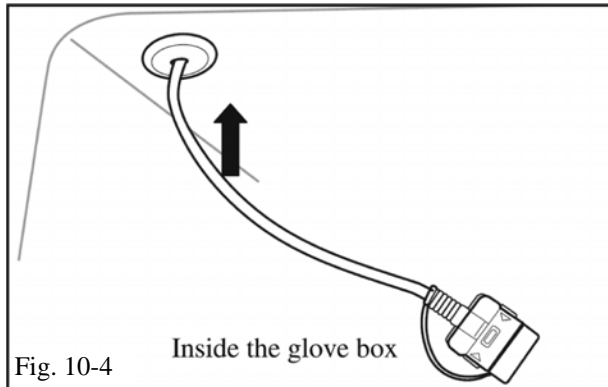
- (a) Make a round hole through which the cable can pass at the location on the glove box shown in the illustration. (Fig. 10-1)
- (1) Hole saw is 1 1/8" (29 mm).
 - (2) De-bur drilled hole.
 - (3) Clean shavings from glove box after drilling.



- (b) Route the iPod cable through the hole and into the glove box. (Fig. 10-2)

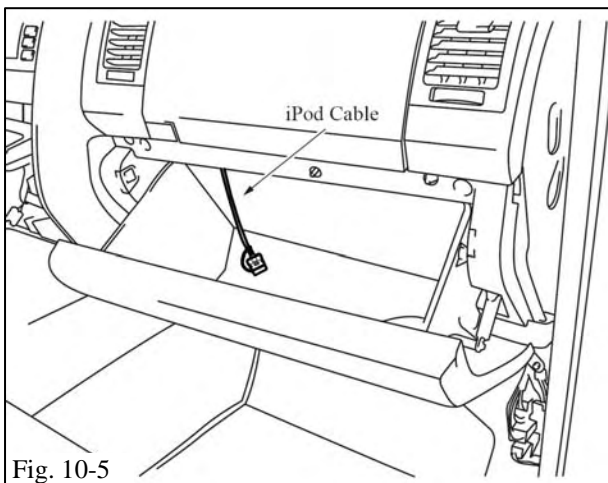


- (c) Apply the grommet to the iPod cable. The distance from the grommet to the iPod connector terminal should be approx. 12 inches. (Fig. 10-3)

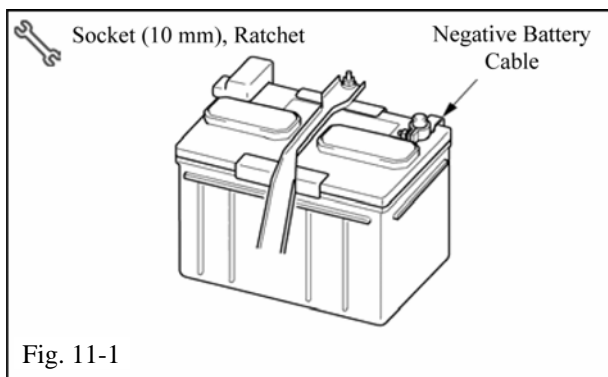


- (d) Secure the grommet to the hole from the inside of the glove box. (Fig. 10-4)

NOTE: The inside of the glove box should look like Fig. 10-4.



- (e) Reinstall the glove box. (Fig. 10-5)



11. Vehicle Reassembly.

- (a) Reinstall dash components.

(1) Reconnect all wire connectors.

- (b) Reinstall side cowl trim

- (c) Reconnect the vehicle's negative battery cable. (Fig. 11-1)

(1) Reconnect the negative terminal back to its original position.



(2) Tighten the nut with 4.1 N•m (36 lbf-in) of torque.



(3) Be careful not to touch the positive battery terminal.

- (d) Clean up and remove any trash.



- (e) Place the owner's manual in the glove box.

TOYOTA TUNDRA/SEQUOIA 2008 - INTERFACE KIT FOR IPOD

Checklist - these points **MUST** be checked to ensure a quality installation.

<u>Check:</u>	<u>Look For:</u>
<u>Accessory Function Checks</u> <input type="checkbox"/> Interface Kit for iPod <input type="checkbox"/> Receiver/player Assembly	 *Verify proper connection of Interface Kit for iPod. *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.)
<u>Vehicle Function Checks</u> <input type="checkbox"/> Audio AM/FM <input type="checkbox"/> Hazard Switch <input type="checkbox"/> HVAC <input type="checkbox"/> Multi-information displays. (Clock, Temp., and MPG meter) <input type="checkbox"/> Operation of the 12V outlet switch <input type="checkbox"/> NAV Antenna Functioning	 Verify the proper operation of the audio AM/FM. Verify the proper operation of the hazard switch. Verify the 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. Confirm navigation operation by AVN diagnostics.