

**Part Number:**

- PT900-03100 – Dark Charcoal Gray (1)**
- PT900-03101 – Bisque (1)**
- PT900-03102 – Ash (1)**

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

- PT900-03103 – Bisque (2)**
- PT900-03104 – Ash (2)**
- PT900-03105 – Dark Charcoal Gray (2)**

- (1) For Vehicles with AUX input only.
- (2) For Vehicles with USB/AUX input.

**Kit Contents**

Item #	Quantity Req'd.	Description
1	2	DVD Headrest Unit
2	2	Headrest Extension Cable
3	1	Audio Interface Module
4	1	Audio Interface Module Bracket
5	1	Power / Audio Interface Harness
6	1	Hardware Bag
7	1	Remote Control with (2) AAA Batteries
8	2	Wireless Headphones with (2) AAA Batteries
9	2	AV Adapter Cable
10	1	Owner's Manual

**Hardware Bag Contents**

Item #	Quantity Req'd.	Description
1	20	Cable Tie, 8", Black
2	1 Sheet	6 Foam Pads, 2.5" x 1.5"
3	4	Nut, KEPS, M4
4	1	Bolt, M8 x 16mm
5	2	Female T-Tap, Connector

**Additional Items Required For Installation**

Item #	Quantity Req'd.	Description

**Conflicts**

Note: Not Applicable for Manual Transmission Vehicles

**Recommended Tools**

<b>Personal &amp; Vehicle Protection</b>	<b>Notes</b>
Vehicle Protection	Blankets, Seat Covers, Protective Seat Feet Covers, Part Boxes
<b>Special Tools</b>	<b>Notes</b>
Wedge 2" x 4" x 4"	Seat Back Pry
<b>Installation Tools</b>	<b>Notes</b>
Pliers	
Drive Ratchet	1/4", 3/8"
Socket	7mm, 10mm, 11 mm, 12 mm, 14 mm
Torque Wrenches	10-50 lbf•in, 5-75 lbf•ft
Ratchet, Extension	6"
Screwdriver	Phillips #2

Issue:A - 09/22/09

Screwdriver, Protected	Flat Blade (tape wrapped)
Plastic Pry Tool	Panel Removal
Masking Tape	
Side Cutters	
Test DVD Discs (2)	
Dual Channel Test Wireless Headphones	
Test Remote Control	
<b>Special Chemicals</b>	<b>Notes</b>
None	

**Color Applicability/Trim Level**

Interior Trim Color	Accessory Color	Charcoal Gray	Bisque	Ash											
		X													
Bisque			X												
Ash				X											

**General Applicability**







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**Recommended Sequence of Application**

Item #	Accessory
1	DVD RSE

\*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.
-  **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.
-  **SAFETY TORQUE:** This mark indicates that torque is related to safety.

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.

**NOTES:**



Removed Parts:-

Place all removed parts on a protected surface in an area they will not be damaged.



Connectors:-

When disconnecting connectors, do not pull on the wires; pull on the connectors.

**1. Vehicle Preparation and Protection**

(a) For Non Hybrid Vehicles:



(1) Set the emergency brake, and unlock all vehicle doors.



(2) Open the hood and apply protective covers to the fender/grill area by the battery.



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

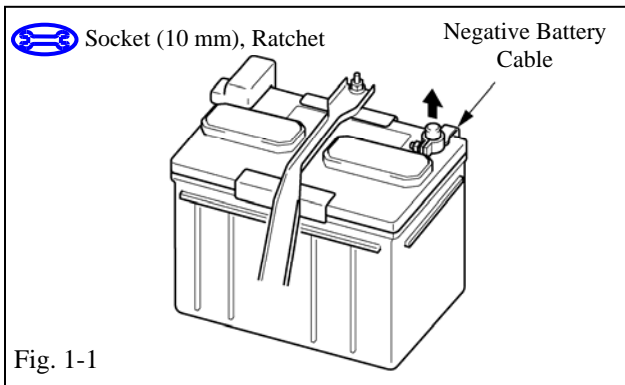


Fig. 1-1

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

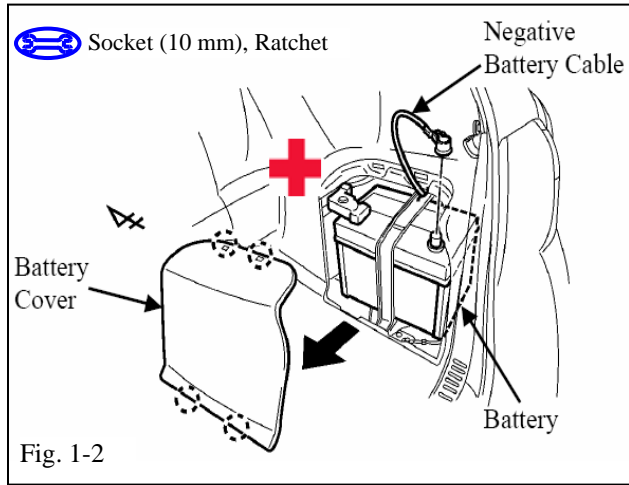


**NOTE:**



For vehicles with power seats, perform procedures described in section 2 steps (a) 1 through 4 and (b) 1 through 5 before removing the negative battery cable.



**CAUTION: Do not disconnect the connectors under the seats unless the negative battery cable is removed!**




(b) For Hybrid Vehicles:

-  (1) Place the Vehicle in Low Gear, Set the emergency brake, and unlock all vehicle doors.
-  (2) Remove the Battery Cover from the Passenger's Side Luggage Compartment. Disconnect the Negative Battery Cable. (Fig. 1-2)


 **NOTE:**

The Battery Cable position, as it will be re-installed in the same position.

 **CAUTION: Do not touch the Positive Battery Terminal.**

 **NOTE:**

For vehicles with power seats, perform procedures described in section 2 steps (a) 1 through 4 and (b) 1 through 5 before removing the negative battery cable.

 **CAUTION: Do not disconnect the connectors under the seats unless the negative battery cable is removed!**

(c) Cover the rear seats and the interior of vehicle using seat covers and blankets.

## 2. Front Driver and Passenger Seat Removal

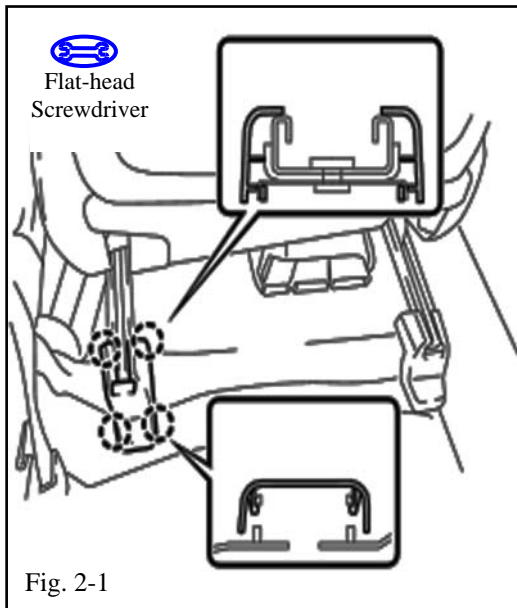
**STOP** **CAUTION:** Before beginning Step 2 wait for at least 90 seconds after disconnecting the negative cable to prevent the airbag from deploying.

**STOP** **NOTE:** The procedures described below are for the both the front driver and passenger seats, unless otherwise specified.

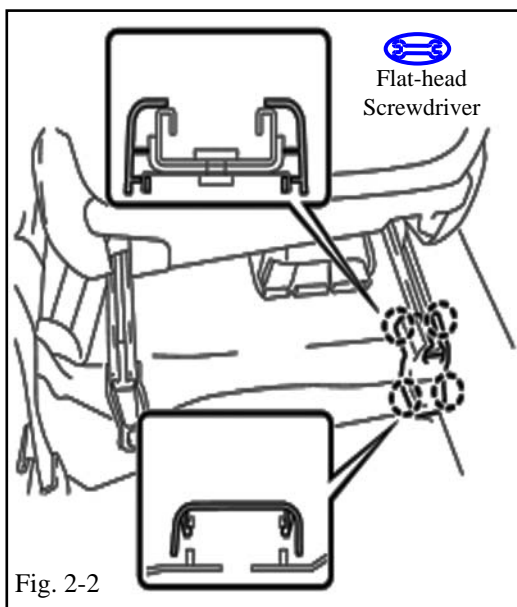
### (a) Remove Front Seat Track Covers

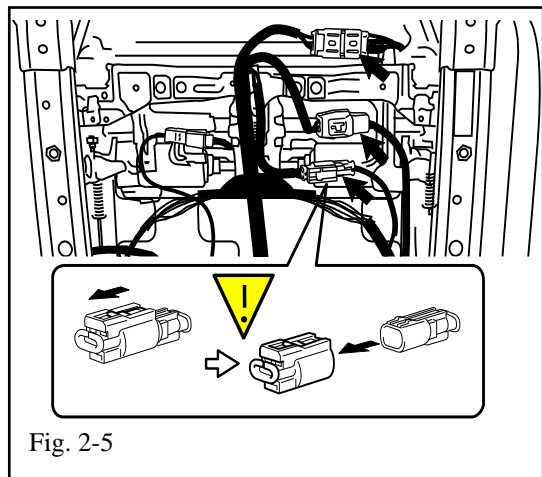
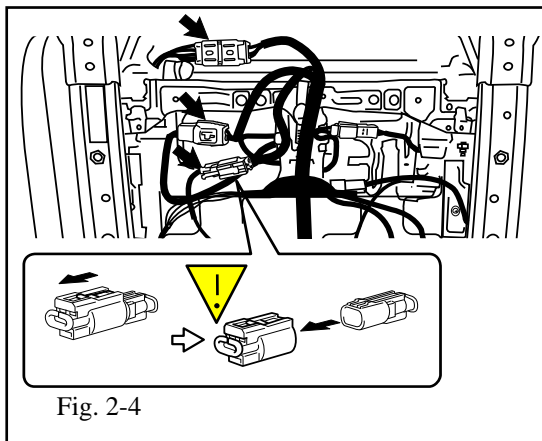
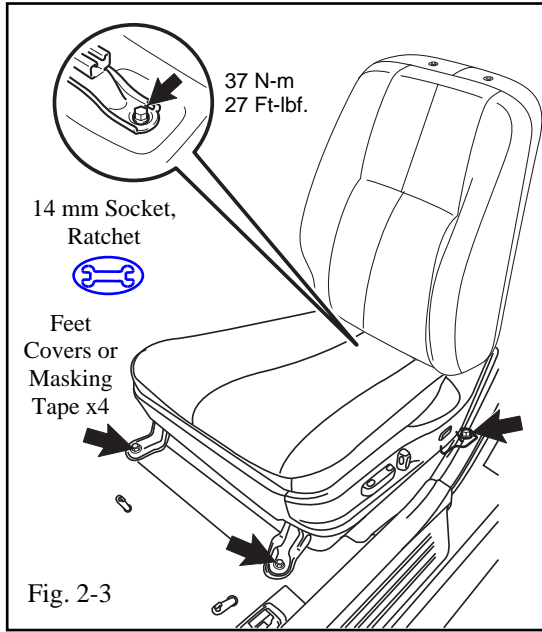
(1) Operate the power seat switch knob and move the seat to the fully forward position.

(2) Using a screwdriver, detach the 4 claws and remove the outer seat track bracket cover. (Fig. 2-1)



(3) Using a screwdriver, detach the 4 claws and remove the inner seat track bracket cover. (Fig. 2-2)





(b) Remove Front Seats

**STOP** **CAUTION:** The procedure described below can affect the SRS airbag system. Read the precautionary notices concerning the SRS airbag system before proceeding (See page RS-1 of the service manual).

- (1) Remove the headrests from the driver and passenger front seats.
- (2) Move the front seats to the most forward position.
- (3) Remove the two 14mm bolts from the rear side. (Fig. 2-3)
- (4) Move the front seats to the most rearward position.
- (5) Remove the two 14mm bolts from the front side. (Fig. 2-3)

**STOP** **NOTE:** For reinstallation, torque to **S** 27 ft-lbf (37 N-m).

- (6) Tilt the seat backward exposing the bottom side.

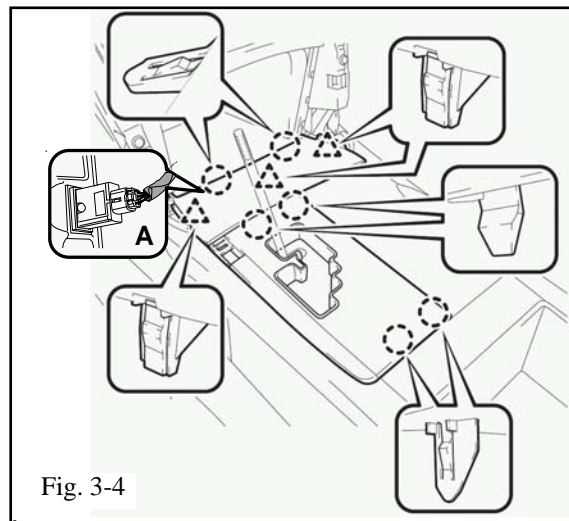
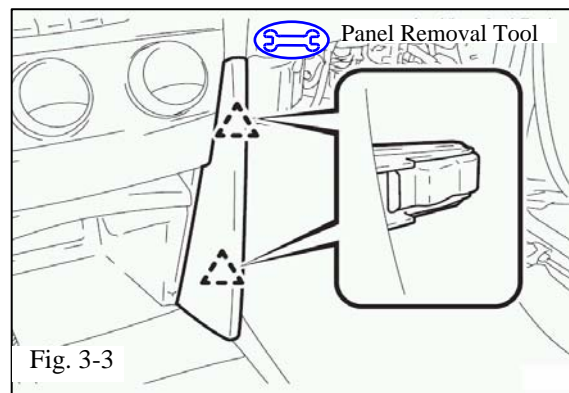
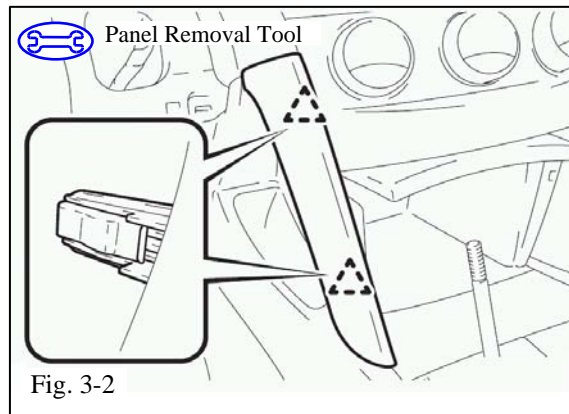
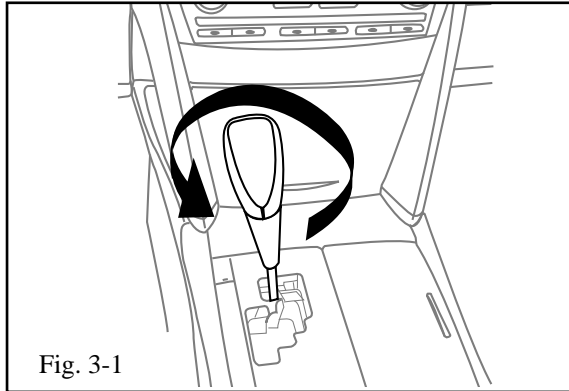
**!** **CAUTION:** To prevent damage to the SRS airbag system, do not proceed with the following steps unless the negative battery cable is removed!

- (7) Disconnect the connectors under each seat (refer to service manual):  
For Driver Side: (Fig. 2-4)  
For Passenger Side: (Fig. 2-5)

- (8) Use protective seat feet covers or masking tape (4) to prevent scratching vehicle during the removal and reinstallation. (Fig. 2-3)

- (9) Remove the front seats and store on protective blanket.

**STOP** **CAUTION:** Place protective blanket on door entry. Be careful not to damage the vehicle door trim when removing the seats.



### 3. Center Console Removal

**STOP** **NOTE:** Place the center console and attaching hardware on a protective blanket outside the vehicle following removal.

(a) Remove Shift Knob. (Fig. 3-1)

(b) Remove driver's side instrument panel garnish:

(1) Disengage the two clips and remove the instrument panel garnish. (Fig. 3-2)

**STOP** **NOTE:** Pull the instrument panel garnish up at a 45° angle to remove it.

(2) Open the lower IP storage door.

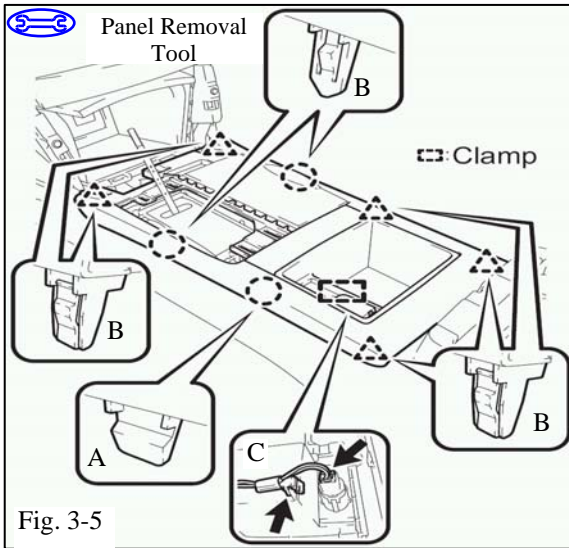
(c) Remove passenger side instrument panel garnish:

(1) Disengage the two clips and remove the instrument panel garnish. (Fig. 3-3)

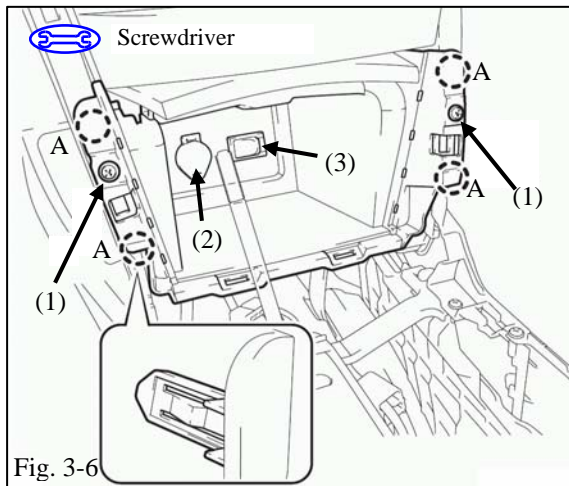
(d) Remove floor shift position indicator.

(1) Disengage the six claws and three clips and remove assembly. (Fig. 3-4)

(2) Disconnect the seat heater switch connector (A) (if equipped). (Fig. 3-4)



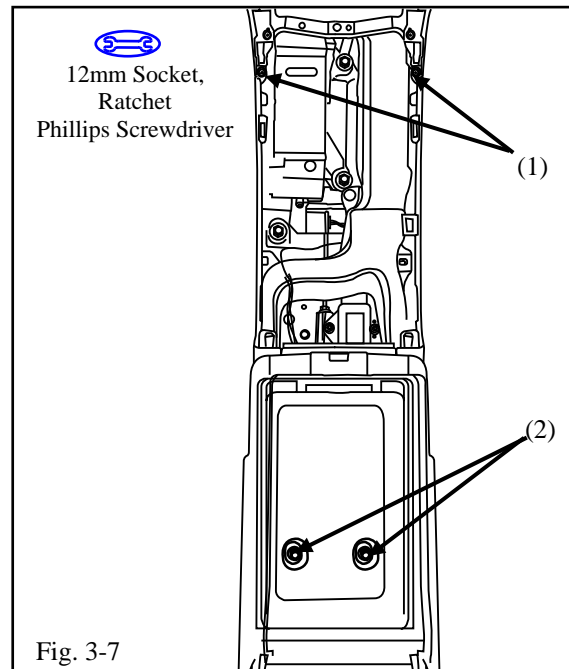
- (e) Remove center console garnish.
- (1) Disengage the three claws (A) and five clips (B) with panel removal tool. (Fig. 3-5)
  - (2) Disengage clamp.
  - (3) Disconnect the 12V accessory adaptor connector (C). (Fig. 3-5)
  - (4) Remove center console garnish and store on protective blanket.



- (f) Remove upper center console panel assembly. (Fig. 3-6)
- (1) Release the shift lock and place the shifter in most reward position
  - (2) Remove two Phillips screws (1). (Fig. 3-6)
  - (3) Disengage four claws (A). (Fig. 3-6)
  - (4) Pull the upper center console panel assembly out of its installed position. (Fig. 3-6)



- Use masking tape to cover the top of the shifter to prevent damage to the upper center console panel assembly during removal.

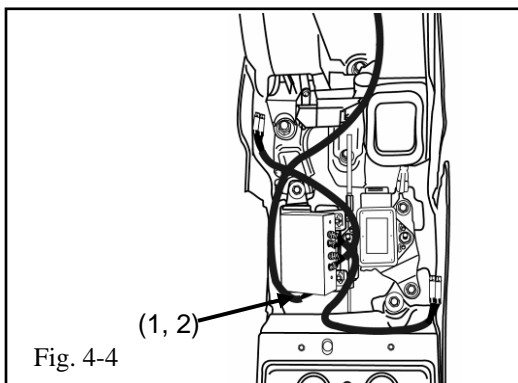
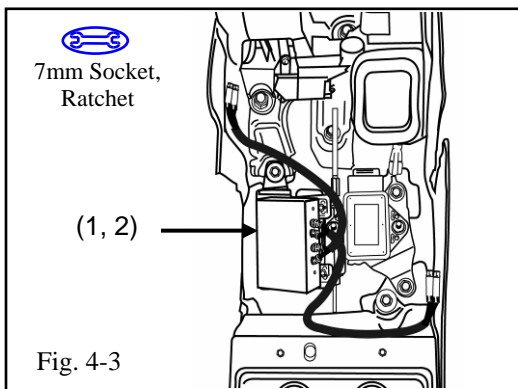
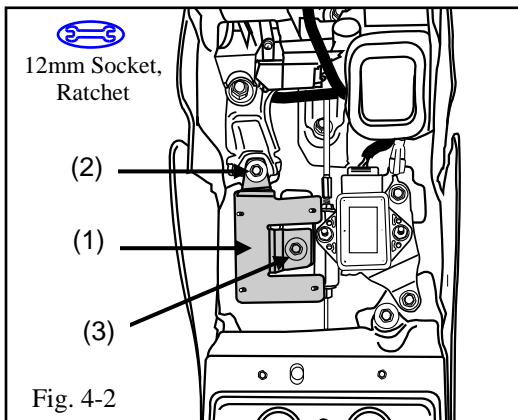
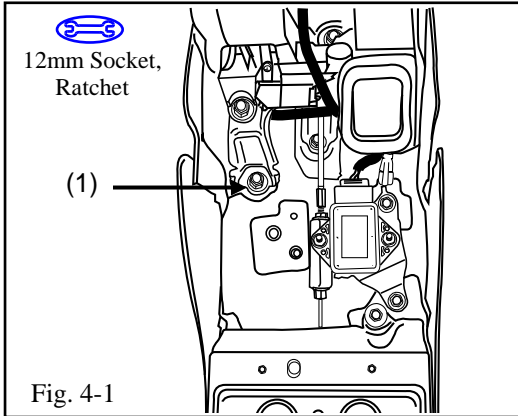


- (5) Disconnect the 12V accessory adaptor connector (2) and the AUX connector (3) remove garnish. (Fig. 3-6)
- (6) Remove the upper center console panel assembly and store on protective blanket.

(g) Remove the center console box bottom mat.

(h) Remove Center Console

- (1) Remove the two Phillips screws (1). (Fig. 3-7)
- (2) Remove the two 12mm anchoring bolts (2). (Fig. 3-7)
- (3) Remove Center Console and store on protective blanket.



#### 4. Installing the Audio Interface Module (AIM) and Bracket

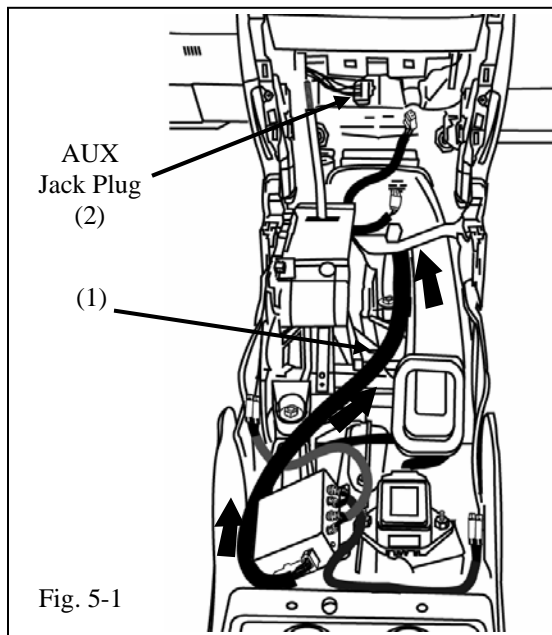
(a) Remove the one 12mm bolt (1) from the center console floor bracket and save. (Fig. 4-1)

(b) Mount the bracket (1) using the 12mm bolt (2) removed in Figure 4-1, and the one M8 flange bolt (3) supplied. (Fig. 4-2)

(c) Mount the AIM (1) to the bracket with four M4 nuts (2) supplied. (Fig. 4-3)

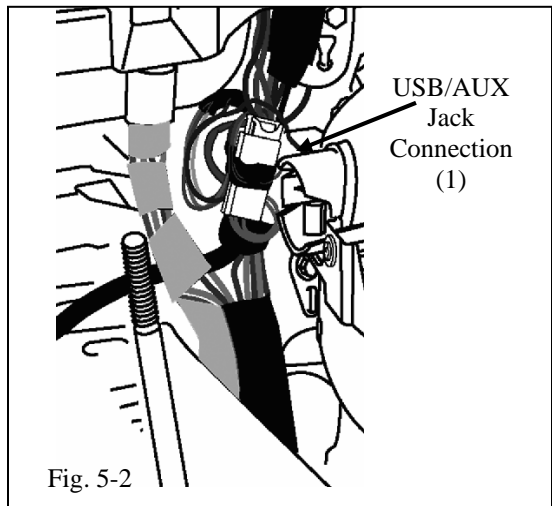
(d) Connect the 2-pin connector (1) and the 14-pin connector (2) on the Power/Audio Interface Harness to the AIM as shown. (Fig. 4-4)

(1) Make sure the connectors are secure and snap together.

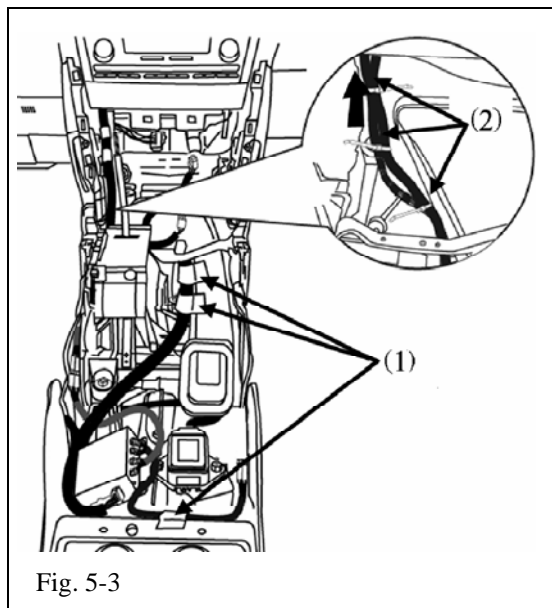


**5. Installing the Power / Audio Interface Harness**

(a) Vehicles with AUX Interface Option only:  
Route the Power/Audio Interface Harness (1) from the AIM along the vehicle air duct and under the metal console cross brace to where the AUX jack plug (2) is located. (Fig. 5-1)



(b) Vehicles with USB/AUX Interface Option:  
Route the Power/Audio Interface Harness (1) from the AIM along the vehicle air duct and under the metal console cross brace over to the passenger side to where the USB/AUX jack connection (1) is located. (Fig. 5-2) Remove the tape and disconnect the USB/AUX jack connectors.

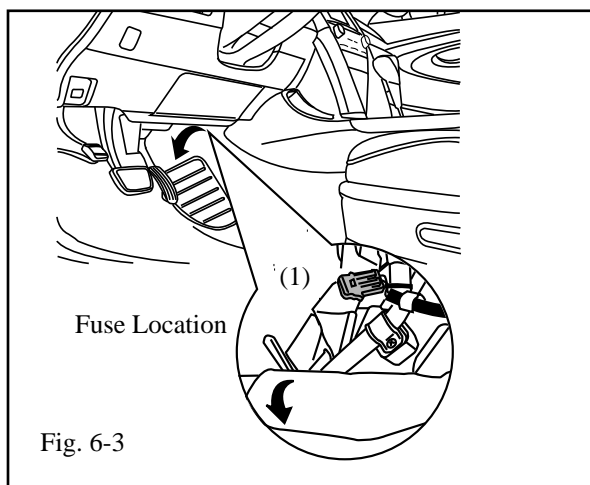
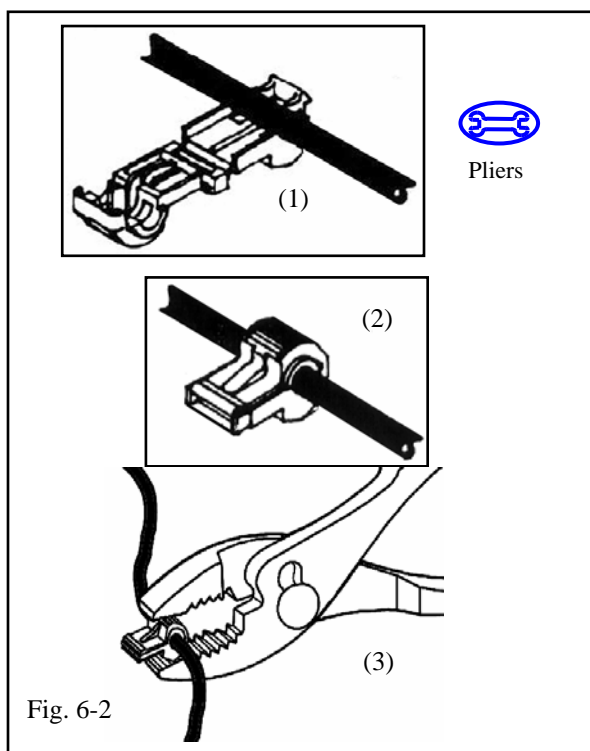
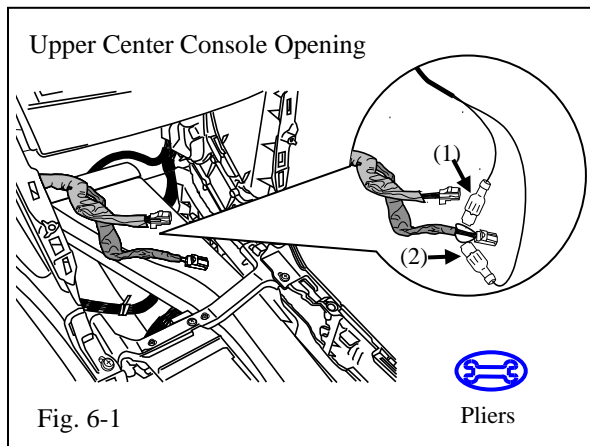


(c) Connect the vehicle AUX jack connector into the mating connector on the Power /Audio Interface Harness.

(d) Use foam tape (1) secure the Power /Audio Interface Harness and AIM cable as shown. (Fig. 5-3)

(e) Secure with three 8” cable ties (2). (Fig. 5-3)

(f) Cut excess cable tie lengths.



## 6. Connecting the Power Harness and Installing the Fuse Holder

- (a) Locate the 12V Power connector. (Fig. 6-1)
- (b) Install one T-Tap connector on the red (1) wire and one T-Tap connector on the white w/ black stripe (2) wire. (Fig. 6-1)
  - (1) Install the T-Tap connectors. (Fig. 6-2)
    - i. Place wire in open channel (1).
    - ii. Fold connector body until element contacts wire (2).
    - iii. Crimp connector closed with pliers (3).
- (c) Connect the male spade connector with the red wire on the Power/Audio Interface Harness to the T-Tap secured to the vehicle's red wire. (Fig. 6-1)
- (d) Connect the male spade connector with the black wire on the Power/Audio Interface Harness to the T-Tap secured to the vehicle's white w/ black stripe wire. (Fig. 6-1)
- (e) Continue routing the fuse holder (1) forward on the power cable towards the driver side and secure with one cable tie to the hole on the left side of the heater box. (Fig. 6-3)

### 7. Routing the Passenger Side Headrest Extension Cable



**NOTE:** Do not secure the Headrest Extension Cable until the routing is complete.

- (a) Locate the Passenger Side Headrest Extension Cable. The Passenger Side Headrest Extension Cable is identified by connector colors red and green.
- (b) Connect the red and green connectors on the AIM to the red and green connectors on the Passenger Side Headrest Extension Cable.
- (c) Route the Headrest Extension Cable towards the center of the center console (1). Pass the Headrest Extension Cable under the floor covering and along side the vehicle's seat harness then out of the access hole (2) in the floor cover located under the seat. (Fig. 7-1)
- (d) Pull enough of the Headrest Extension Cable through the access hole to match the length of the vehicle's seat harness. (Fig. 7-1)
- (e) Bundle the remaining Headrest Extension Cable slack using two cable ties and tuck under the floor covering.
- (f) Cut excess cable tie lengths.

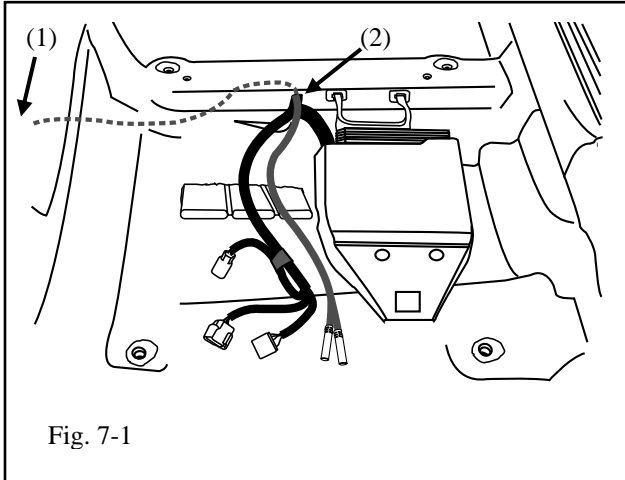
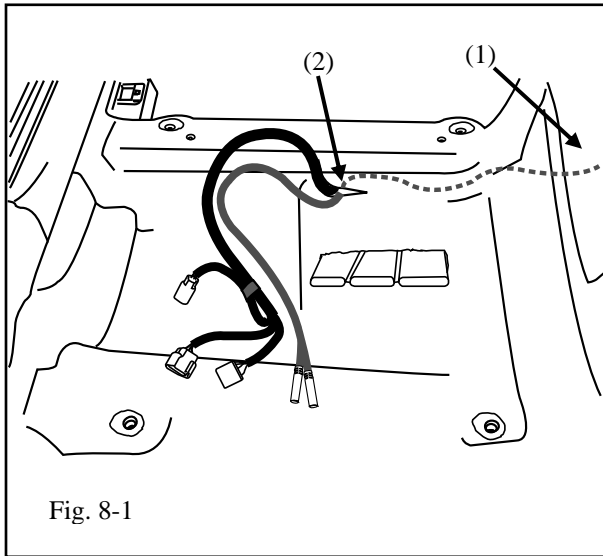


Fig. 7-1



## 8. Routing the Driver Side Headrest Extension Cable



**NOTE:** Do not secure the Headrest Extension Cable until the routing is complete.

- (a) Locate the Driver Side Headrest Extension Cable. The Driver Side Headrest Extension Cable is identified by connector colors blue and yellow.
- (b) Connect the blue and yellow connectors on the AIM to the blue and yellow connectors on the Driver Side Headrest Extension Cable.
- (c) Route the Headrest Extension Cable towards the middle of the shifter assembly (1). Pass the Headrest Extension Cable under the floor covering and along side the vehicle's seat harness then out of the access hole (2) in the floor cover located under the seat. (Fig. 8-1)
- (d) Pull enough of the Headrest Extension Cable through the access hole to match the length of the vehicle's seat harness. (Fig. 8-1)
- (e) Bundle the remaining Headrest Extension Cable slack using two cable ties and tuck under the floor covering.
- (f) Cut excess cable tie lengths.

## 9. Installing the Passenger Side and Driver Side DVD Headrests

### (a) Passenger Side DVD Headrest Installation

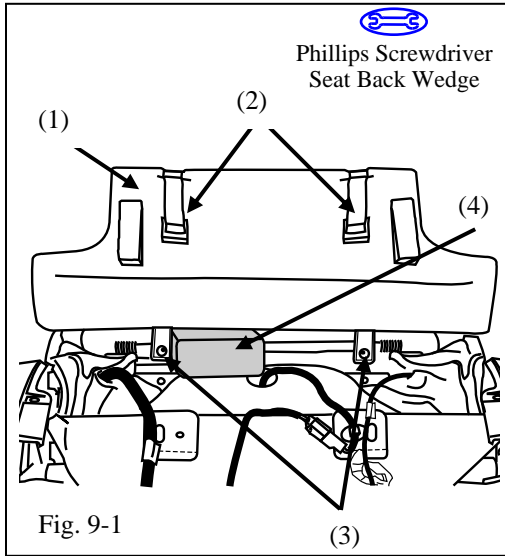


Fig. 9-1

- (1) Undo the protective seat bottom flap (1) by releasing the two elastic straps (2) secured under the seat and fold back. (Fig. 9-1)
- (2) Remove two Phillips screws (3) to spread the seat back cover open. (Fig. 9-1)
- (3) Carefully insert a 2"x4"x4" wedge (4) into the seat bottom to keep the back seat cover open. (Fig. 9-1)
- (4) Locate the Passenger Side DVD Headrest identified by the "M1" sticker on the screen and connector colors red and green.



**NOTE:** Make sure the monitor is facing rearward when installing.

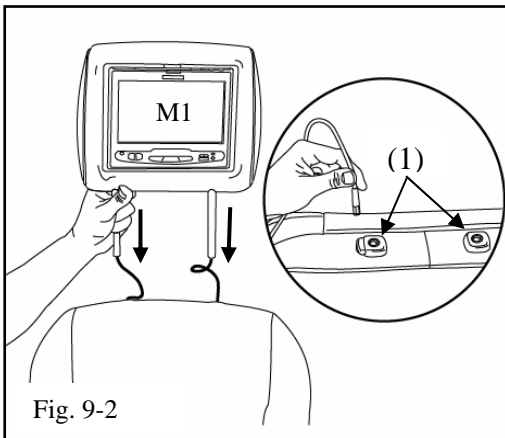


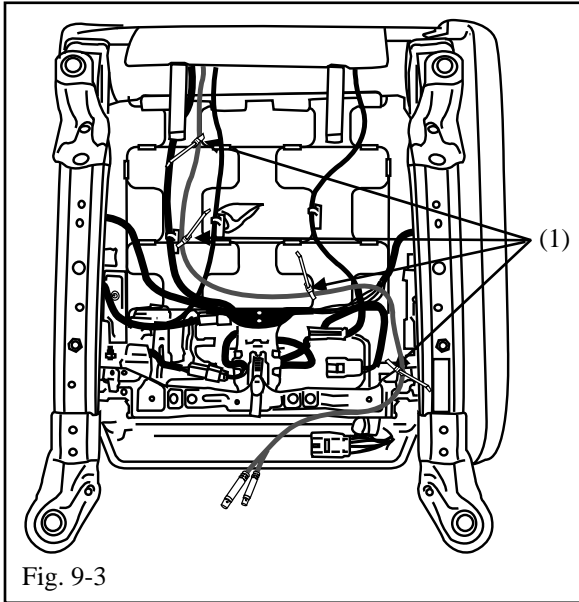
Fig. 9-2

- (5) Holding the DVD headrest in one hand insert the two cables into the headrest support holes on the top of the seat (1). (Fig. 9-2)



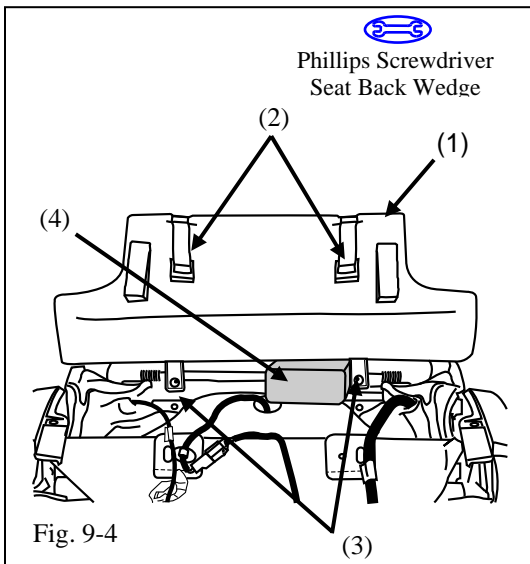
**NOTE:** Make sure the headrest is in the raised position to allow slack when routing and securing the cables in the following steps.

- (6) Reach up under the back of the seat cover and pull the two cables downward as the DVD headrest posts are inserted into the support holes. (Fig. 9-2)
- (7) Pull the cables down and out through the lower left corner.



- (8) Continue routing the cables under and toward the front of the seat, use four 8” cable ties (1) to attach the cables to the underside of each seat and cut excess cable tie lengths. (Fig. 9-3)
- (9) Reinstall the two Phillips screws and reattach protective seat bottom flap. (Fig. 9-1)
- (10) Return the passenger seat to the vehicle and connect the red and green headrest cables to the red and green connectors on the headrest extension cable. Connect the other seat connectors.

(b) Driver Side DVD Headrest Installation



- (1) Undo the protective flap (1) by releasing the two elastic straps (2) secured under the seat and fold back. (Fig. 9-4)
- (2) Remove two Phillips screws to spread the seat back cover open. (3)
- (3) Carefully insert a 2”x4”x4” wedge (4) into the seat bottom to keep the back seat cover open. (Fig. 9-4)
- (4) Locate the passenger side DVD Headrest identified by the “M2” sticker on the screen and connector colors blue and yellow.

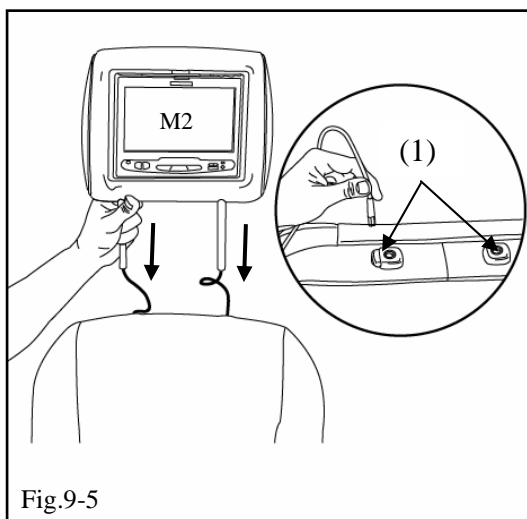


**NOTE:** Make sure the monitor is facing rearward when installing.

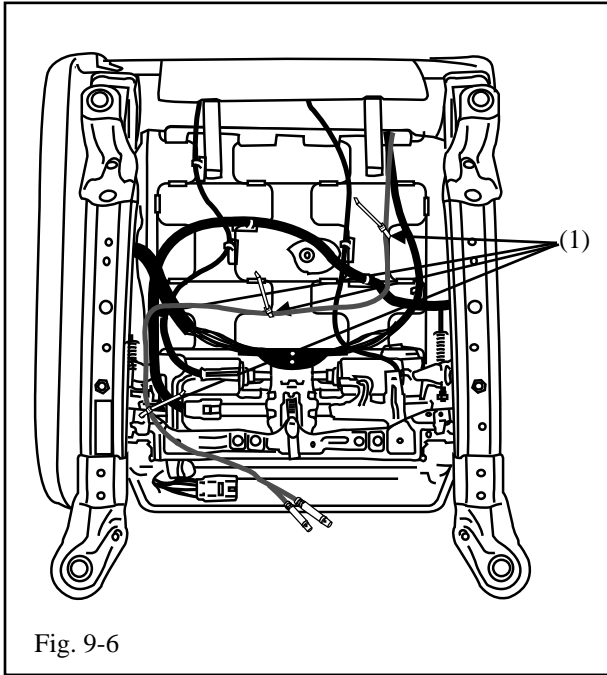
- (5) Holding the DVD headrest in one hand insert the two cables into the headrest support holes on the top of the seat (1). (Fig. 9-5)



**NOTE:** Make sure the headrest is in the raised position to allow slack when routing and securing the cables



- (6) Reach up under the back of the seat cover and pull the two cables downward as the DVD headrest posts are inserted into the support holes. (Fig. 9-5)



- (7) Pull the cables down and out through the lower right corner.
- (8) Continue routing the cables under and toward the front of the seat, use four 8" cable ties (1) to attach the cables to the underside of each seat and cut excess cable tie lengths. (Fig. 9-6)
- (9) Reinstall the two Phillips screws and reattach protective seat bottom flap. (Fig. 9-4)
- (10) Return the Driver's seat to the vehicle and connect the blue and yellow headrest cables to the blue and yellow connectors on the headrest extension cable. Connect the other seat connectors.

## 10. In Process Functional Test

- (a) Temporarily reconnect battery negative cable.
- (b) Turn ignition key to ACC position.
- (c) Press the power button on each of the Headrest DVD players. Verify the backlighting illuminates and the power LED illuminates bright red.
- (d) Open each of the screen assemblies and insert a DVD into each of the Headrest DVD players (face the disc label towards driver). Verify that the Headrest DVD players accept the discs.
- (e) Press the play button on the Headrest DVD players. Verify that the DVD video is displayed on each of the LCD monitors.



**NOTE:** On the wireless headphones, the A-B switch allows the user to select the audio from either the M1 (Passenger Side, CH A) or the M2 (Drivers Side, CH B). When sitting in front of the M1 screen, use the CH A switch setting. When sitting in front of the M2 screen, use the CH B switch setting.

- (f) Using the test wireless headphones, verify that audio from each of the DVD players can be heard through the headphones and with the correct channel settings.
- (g) Press the power button on the head unit and verify that the radio turns on.
- (h) Press the AUX button on the head unit and verify that the audio is heard from the DVD playing in the M1 Headrest DVD (Passenger Side).
- (i) Disconnect negative battery terminal.

- (j) Reassemble the vehicle interior components and trim



- (k) Install seat bolts and torque to 27 ft-lbf (37 N-m).

### 11. Final Preparation



- (a) Place the owner's manual and AV cables in the glove box.



- (b) Place the remote control in center console.



- (c) Place the headphones in rear cargo area.

- (d) Reconnect negative battery terminal and tighten nut to 4.1 N-m (36 lbf-in).

### 12. Airbag Diagnostic Check

- (a) Connect the scan tool connector to the vehicle's diagnostic connector.
- (b) Turn the ignition switch to the ON position.
- (c) Check for Airbag ECU Trouble codes – if present then clear the DTC's (Refer to handheld scan tool tester operator's manual for further details).



**NOTE:** Check for the latest version of the software on Toyota Information System (TIS) before setting up the scan tool.



**NOTE:** Ensure the software is the latest version (software release 13.3a R028: 1/20/06 or later.)



**NOTE:** Download the latest software from Toyota Information System (TIS).

Accessory Function Checks

**Turn the ignition key to the ACC or Run position and turn the vehicle radio ON.**

- Press the power button on each of the Headrest DVD players.
- Insert a DVD into each of the Headrest DVD players.
- Press the play button on each of the Headrest DVD players.
- Press the Power button and the AUX button on the radio.
- Press and release the power button on the test wireless headphones to turn them on.
- Press the STOP button on each of the Headrest DVD player.
- Press the eject button on each of the Headrest DVD players.
- Check all switches on the lower center I.P.

Verify the backlighting illuminates and the power switch illuminates bright red.

Verify that DVD video is displayed on the LCD monitors.

Verify that audio from the M1 Headrest DVD can be heard through the vehicle speakers.

Verify that the Headrest DVD accepts the discs.

Verify that audio from the Headrest DVD can be heard through the headphones.

Verify that Headrest DVD discs stop playing.

Verify that Headrest DVD players eject the discs properly.

Verify that Headrest DVD players eject the discs properly.

Vehicle Function Checks

- Air Conditioner
- Fan
- Radio Back Light
- Accessory Adaptor Connector
- Accessory Adaptor Illumination
- Emergency Flashers
- Check all switches on the lower center I.P.
- Diagnostic Codes – using Handheld Scan Tool
  
- Seat bolt confirmations

Functioning Air Conditioner.

Functioning Fan.

Functioning Radio Back Light.

Functioning Accessory Adaptor.

Functioning Accessory Adaptor Illumination.

Functioning Emergency Flashers.

Verify that all switches function properly.

Confirm that no diagnostic trouble codes are present.

Confirm torque range 24-30 ft-lbf.