

**Part Number: PT611-21111**

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

**Kit Contents**

Item #	Quantity Reqd.	Description
1	1	Navigation System
2	1	GPS Antenna
3	1	Bluetooth Antenna
4	1	Wire Harness (Reverse / Park Brake)
5	1	RCA Relay Cable
6	1	Customer Video Cable
7	1	Vehicle Video Cable
8	1	Microphone
9	1	SD Card
10	1	Owner's Manual

Scissors	
Nipper	
Electric Drill	1 1/16"
Scriber	
<b>Special Chemicals</b>	<b>Notes</b>
VDC approved cleaner	

**Hardware Bag Contents**

Item #	Quantity Reqd.	Description
1	1	Earth Plate
2	1	Cord Clamp
3	1	Cord Rail
4	18	Wire Tie
5	6	Foam Tape
6	1	Protection Sheet
7	8	Bolt(M5 x 8)
8	1	Grommet
9	1	Butyl Tape

**General Applicability**

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**Recommended Sequence of Application**

Item #	Accessory
1	VIP-RS3200+
2	Remote Engine Start
3	Interior Lights
4	Subwoofer
5	Satellite Radio
6	Navigation System

\*Mandatory

**Vehicle Service Parts** (may be required for reassembly)

Item #	Quantity Reqd.	Description

**Additional Items Required For Installation**

Item #	Quantity Reqd.	Description
1	1	XM Data Cable

**Conflicts**

BLU Logic Hands-free Phone System
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**Recommended Tools**

<b>Personal &amp; Vehicle Protection</b>	<b>Notes</b>
Vehicle protection	Blankets, Masking tape, Vinyl tape
<b>Special Tools</b>	<b>Notes</b>
USB Checker	
AUX Cable	
<b>Installation Tools</b>	<b>Notes</b>
Panel Clip Removal Tool	e.g. Toyota SST P/N:- 00002-06002-01
Wrench	Open End, 10mm
Socket	10mm
Ratchet	
Extension	
Screwdriver	Phillips, Flathead
Torque Wrench	36 lbf · in
Pliers	

**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.



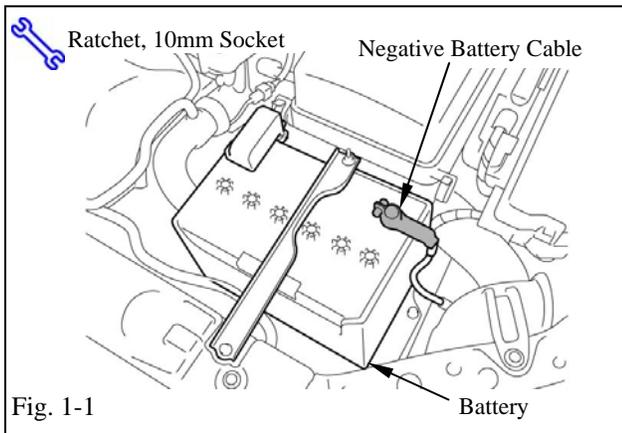
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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 Protection

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



- (1) Protect the fender before starting.
- (2) Do not touch the positive terminal with any tools when removing the cable.

### 2. Disassembly of Vehicle



**NOTE:** Place all removed parts on a protected surface.

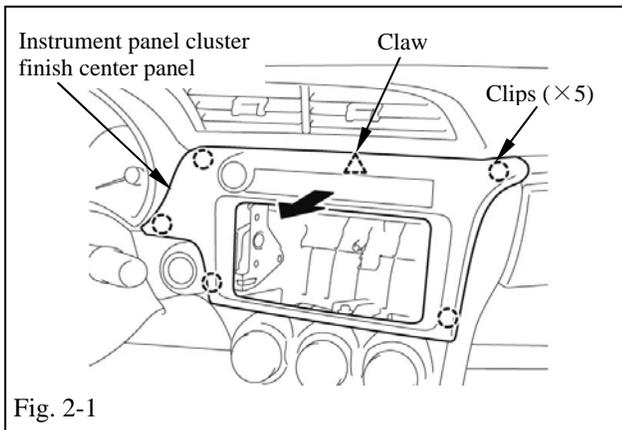


**NOTE:** When disconnecting wiring connectors do NOT pull on the wiring, pull on the connector only.

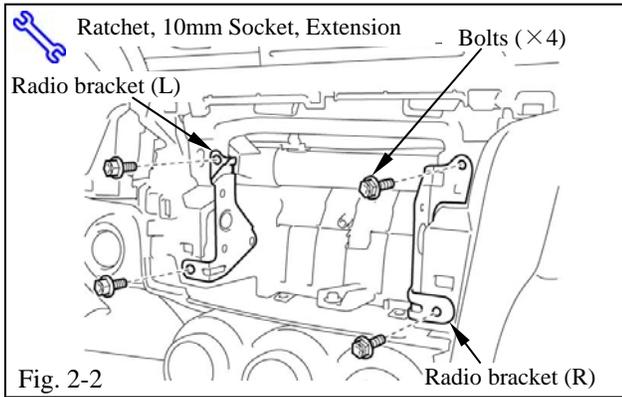


**NOTE:** Engage the parking brake while working.

(a) Remove the instrument panel cluster finish center panel.

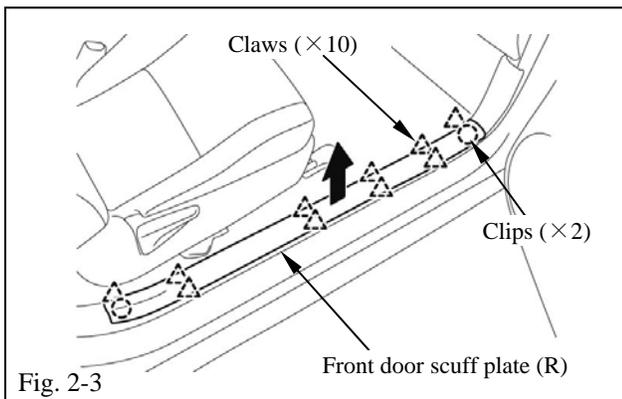


- (1) Disengage the claw and 5 clips and remove the instrument panel cluster finish center panel (Fig. 2-1).
- (2) Disconnect the connector (Fig. 2-1).



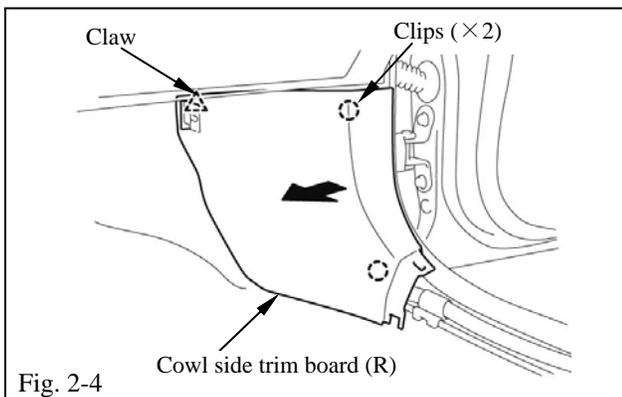
(b) Remove the radio brackets.

- (1) Remove the 4 bolts and remove the radio brackets (L and R) (Fig. 2-2).



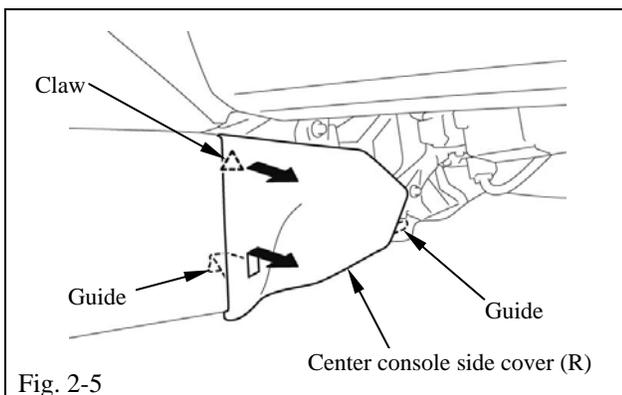
(c) Remove the front door scuff plate (R).

- (1) Disengage the 10 claws and 2 clips and remove the front door scuff plate (R) (Fig. 2-3).



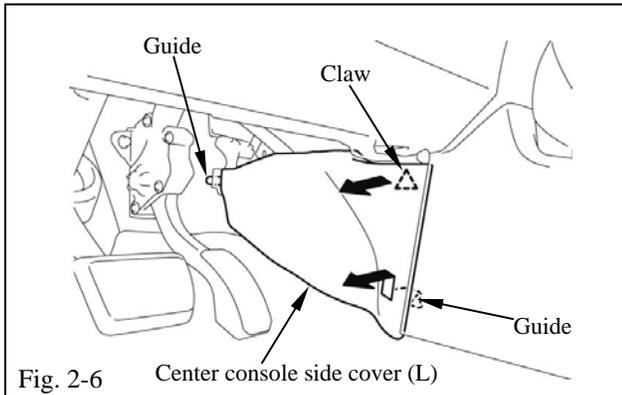
(d) Remove the cowl side trim board (R).

- (1) Disengage the 2 clips and claw and remove the cowl side trim board (R) (Fig. 2-4).

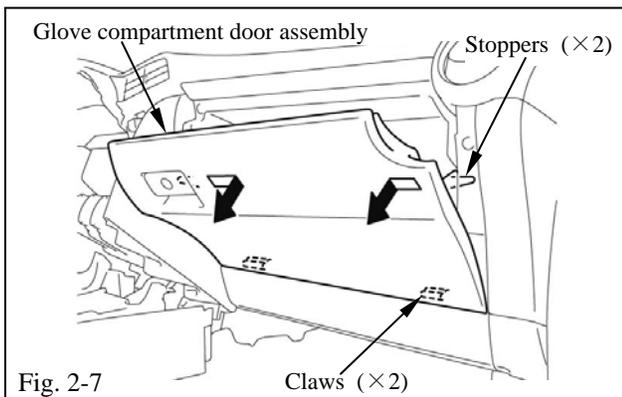


(e) Remove the center console side cover (R).

- (1) Disengage the claw and remove center console side cover (R) (Fig. 2-5).

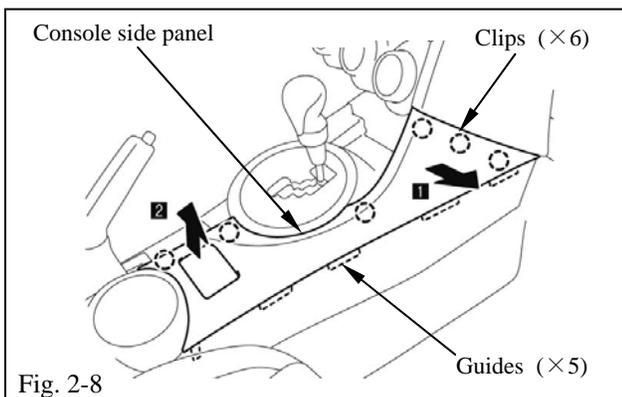


- (f) Remove the center console side cover (L).
  - (1) Disengage the claw and remove center console side cover (L) (Fig. 2-6).



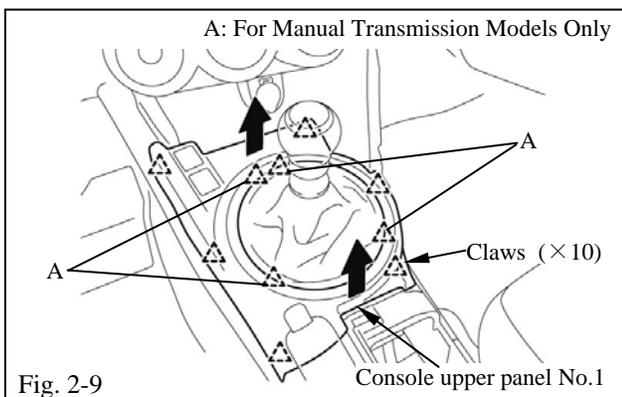
- (g) Remove the glove compartment door assembly.
  - (1) Disengage the 2 stoppers and tilt the glove compartment door assembly to the horizontal position (Fig. 2-7).
  - (2) Disengage the 2 claws in the horizontal direction and remove the glove compartment door assembly (Fig. 2-7).

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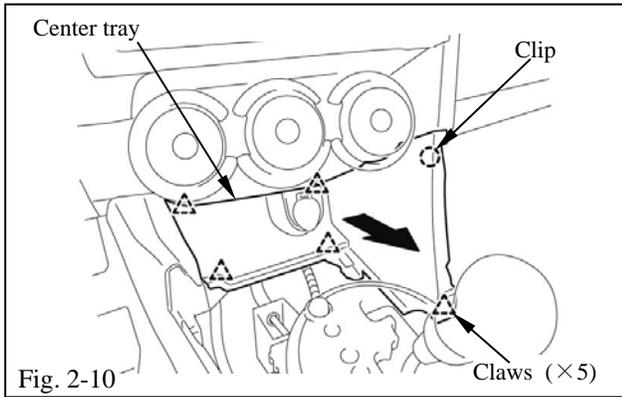
- (h) Remove the console side panel.
  - (1) Disengage the 6 clips and remove the console side panel (Fig. 2-8).

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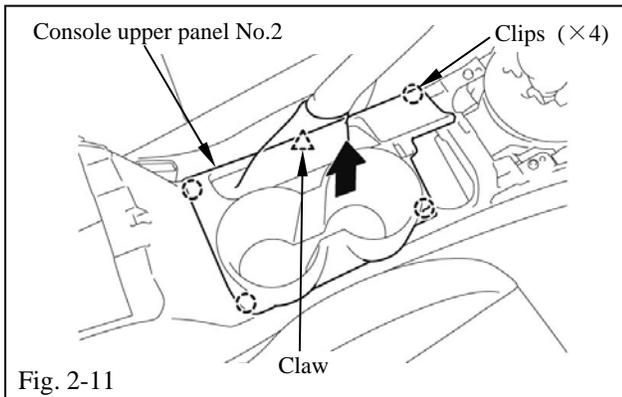


- (i) Remove the console upper panel No.1.
  - (1) Remove the shift knob  
<Manual Transmission Models Only>  
(Fig. 2-9).
  - (2) Disengage the 10 claws and remove the console upper panel No.1 (Fig. 2-9).
  - (3) Disconnect the connector (Fig. 2-9).

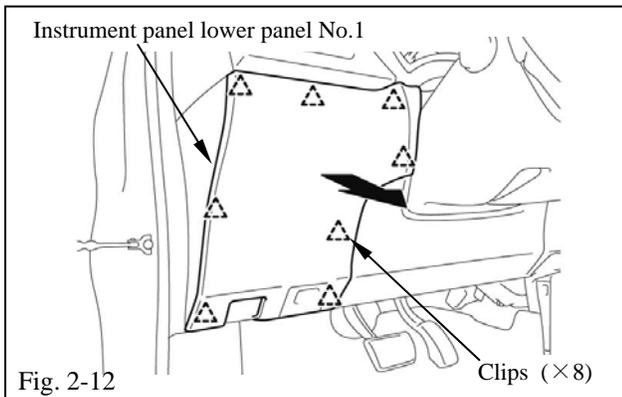
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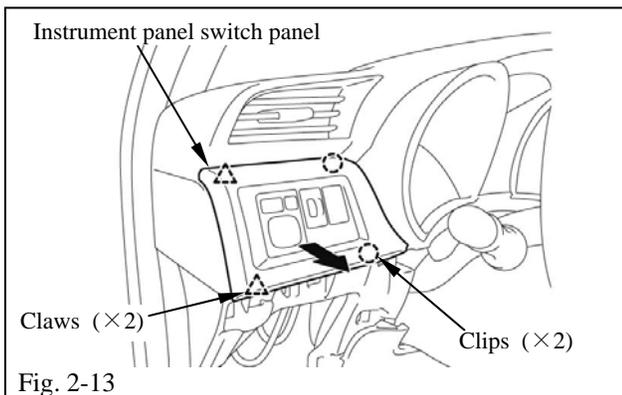
- (j) Remove the center tray.
  - (1) Disengage the clip and 5 claws and remove the center tray (Fig. 2-10).
  - (2) Disconnect the connector (Fig. 2-10).



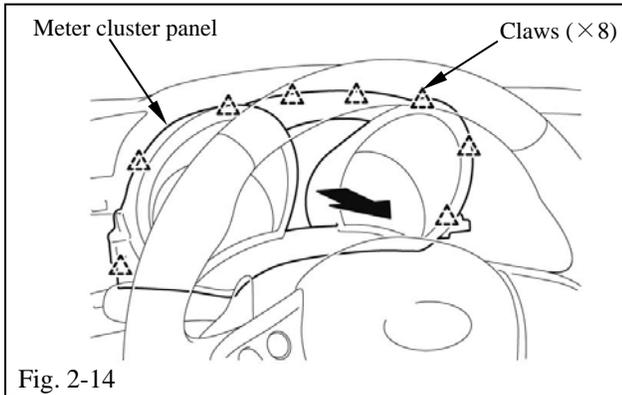
- (k) Remove the console upper panel No.2.
  - (1) Disengage the claw and 4 clips and remove the console upper panel No.2 (Fig. 2-11).



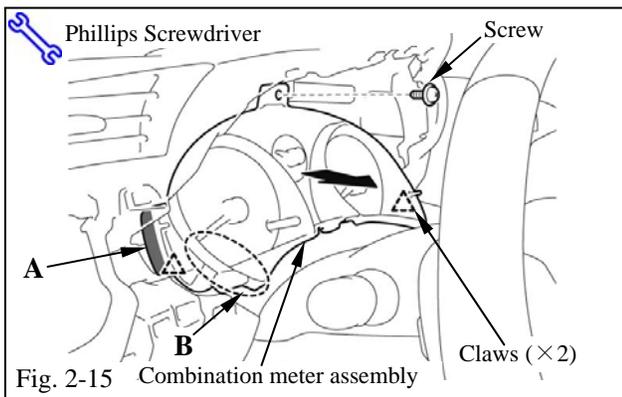
- (l) Remove the instrument panel lower panel No.1.
  - (1) Disengage the 8 claws and remove the instrument panel lower panel No.1 (Fig. 2-12).



- (m) Remove the instrument panel switch panel.
  - (1) Disengage the 2 claws and 2 clips and remove the instrument panel switch panel (Fig. 2-13).
  - (2) Disconnect the connectors (Fig. 2-13).



- (n) Remove the meter cluster panel.
  - (1) Disengage the 8 claws and remove the meter cluster panel (Fig. 2-14).

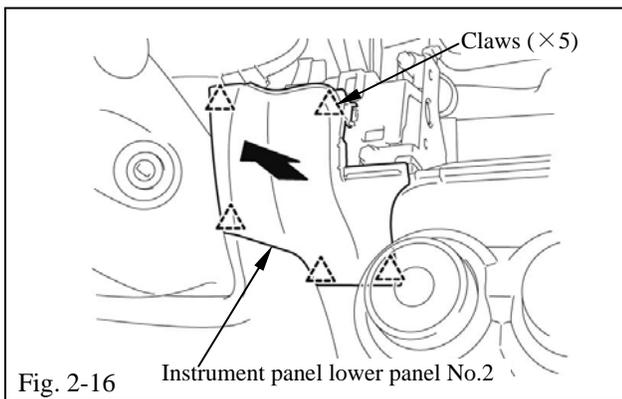


- (o) Remove the combination meter assembly.
  - (1) Remove the screw, disengage the 2 claws and remove the combination meter assembly (Fig. 2-15).

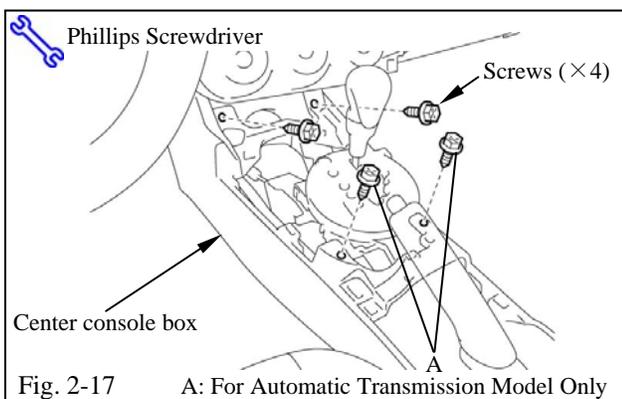


**NOTE:** Hold the part labeled “A” in the illustration and detach the claws. Do not hold the part labeled “B” in the illustration.

- (2) Disconnect the connector (Fig. 2-15).

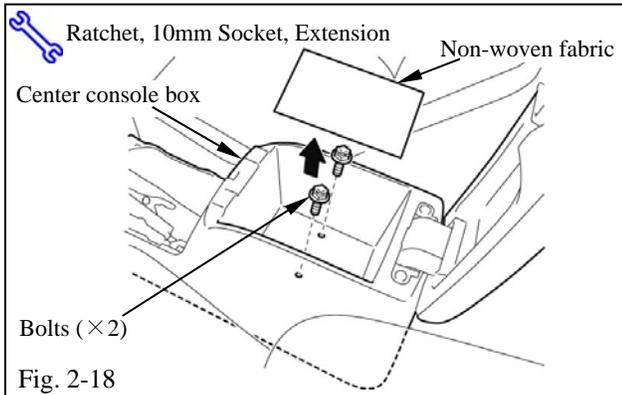


- (p) Remove the instrument panel lower panel No.2.
  - (1) Disengage the 5 claws and remove the instrument panel lower panel No.2 (Fig. 2-16).

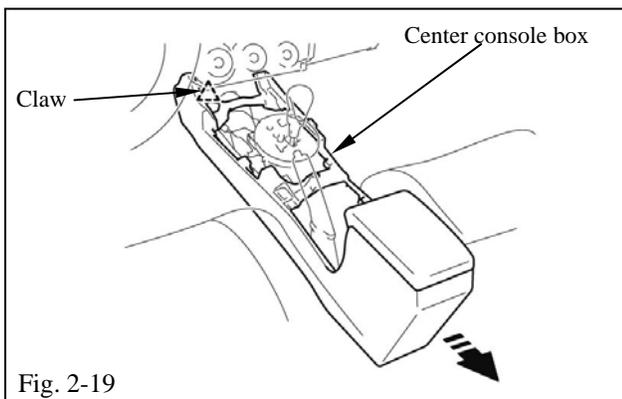


- (q) Disengage the center console box.
  - (1) Remove the 4 screws (Fig. 2-17).

**NOTE:** If the car is standard stick shift, there is 2 screws to remove.



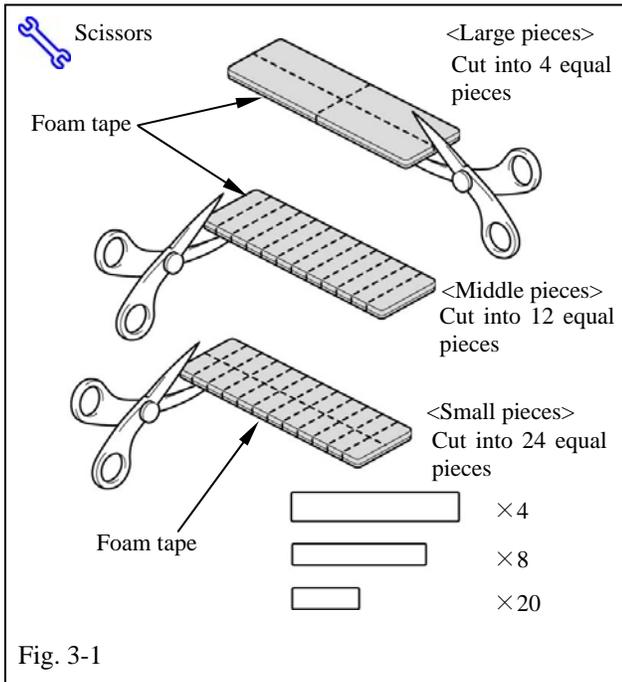
- (2) Remove the non-woven fabric (Fig. 2-18).
- (3) Remove the 2 bolts (Fig. 2-18).



- (4) Slide the center console box rearward to remove the claw (Fig. 2-19).

**NOTE:** Perform the wiring operation with the rear console box lifted.





### 3. Preparation before installation

#### (a) Foam tape cutting procedures.

- (1) As shown in the illustration, cut the foam tape into 4 large pieces, 8 middle pieces and 20 small pieces (Fig. 3-1).

**NOTE:** <Large pieces>

- Used to bundle excess GPS antenna cord, wire harness (Reverse / Park brake) and microphone cord.

<Middle pieces>

- Used to fix the vehicle video cable.
- Used to wrap around the 8P connector from the vehicle video cable.
- Used to bundle excess customer video cable.

<Small pieces>

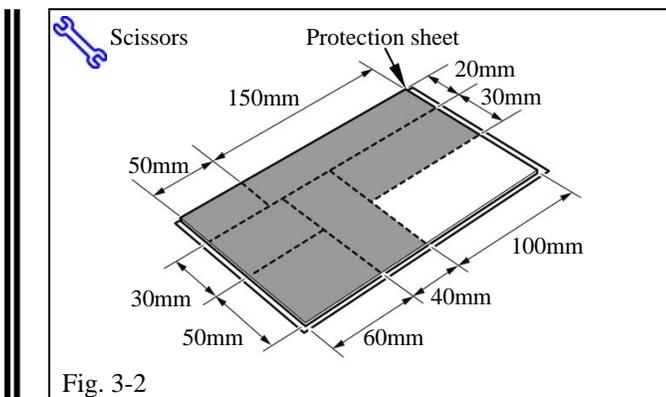
- Used to fix the GPS antenna cord.
- Used to fix the wire harness.
- Used to fix the microphone cord.
- Used to fix the Bluetooth antenna cord.
- Used to wrap around the customer video cable.

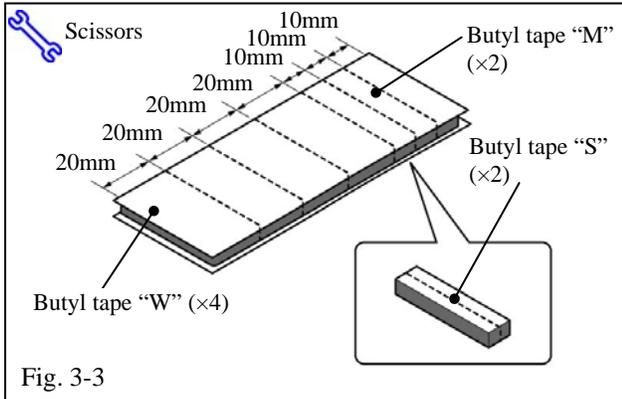
#### (b) Cut the protection sheet.

- (1) Cut 6 pieces of the protection sheet, as shown in the illustration (Fig. 3-2).

**NOTE:** <Protection sheet size>

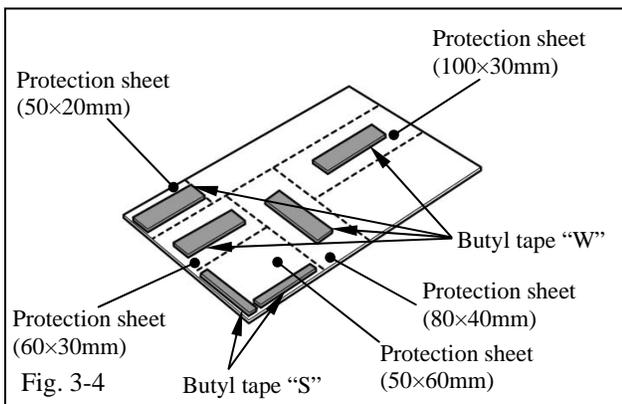
- <150 × 20mm>  
Used to wrap around the microphone cord.
- <100 × 30mm>  
Attached to the reinforcement.
- <80 × 40mm>  
Attached to the reinforcement.
- <60 × 50mm>  
Attached to the instrument panel brace (L).
- <60 × 30mm>  
Attached to the instrument panel brace (L).
- <50 × 20mm>  
Attached to the reinforcement.





(c) Cut the butyl tape.

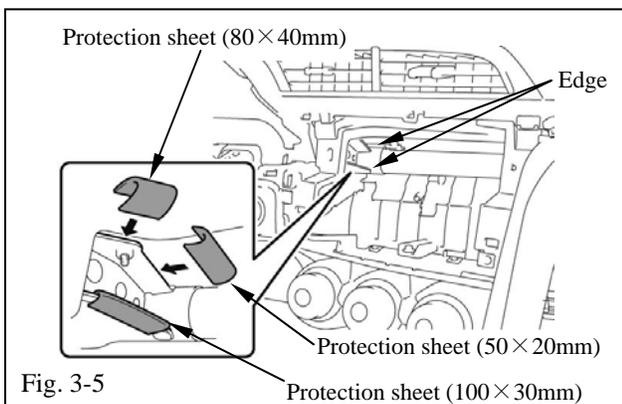
- (1) Cut 8 pieces of the butyl tape, as shown in the illustration (Fig. 3-3).
  - (2) Cut 1 of the 3, 10mm pieces into 2, as shown in call out in (Fig. 3-3).
- 4 pieces - 20mm wide "W"**  
**2 pieces - 10mm wide "M"**  
**2 pieces - 5mm wide "S"**



(d) Apply butyl tape to protection sheet.

- (1) Apply 4 pieces of "W" butyl tape as shown in the illustration (Fig. 3-4).
  - i) **100 x 30mm - "W"**
  - ii) **80 x 40mm - "W"**
  - iii) **60 x 30mm - "W"**
  - iv) **50 x 20mm - "W"**
- (2) Apply 2 pieces of "S" butyl tape as the shown in the illustration (Fig. 3-4).
  - i) **60 x 50mm - "S"**

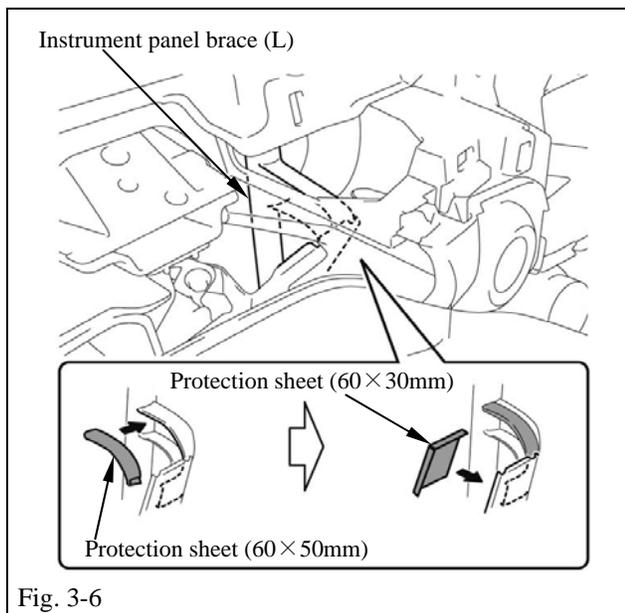
**NOTE:** Before applying the butyl tape to the protection sheet, cut the protection sheet and then remove the release paper from the cut pieces of the protection sheet in advance.



(e) Apply the pieces of the protection sheet.

**NOTE:** Before attaching the butyl tape, wipe any dirt, water or oil off the attachment surface with VDC approved cleaner.

- (1) Apply the pieces of the protection sheet to the reinforcement as shown in the illustration (Fig. 3-5).



**NOTE:** Before attaching the butyl tape, wipe any dirt, water or oil off the attachment surface with VDC approved cleaner.

- (2) Apply the pieces of the protection sheet to the instrument panel brace (L) as shown in the illustration (Fig. 3-6).

#### 4. GPS antenna installation

(a) Install and route the GPS antenna.



**NOTE:** Before attaching the butyl tape, wipe any dirt, water or oil off the attachment surface with VDC approved cleaner.

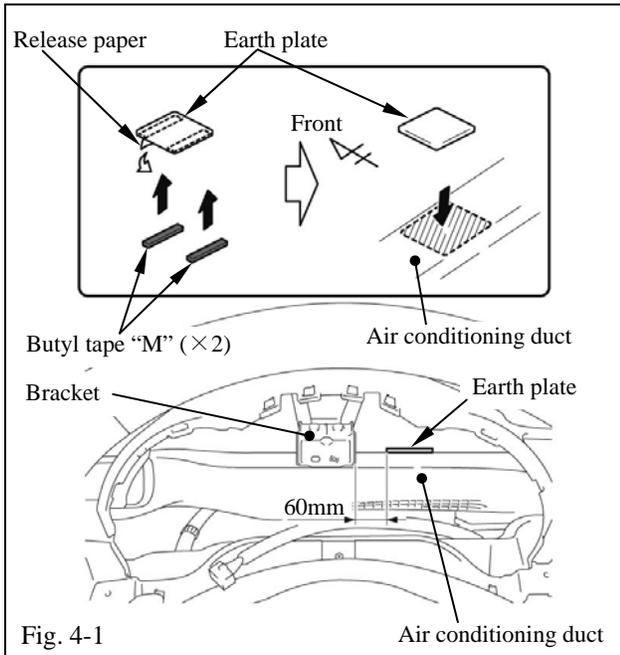


Fig. 4-1

(1) Remove the release paper from the earth plate and the butyl tape, and apply butyl tape to the bottom of the earth plate (Fig. 4-1).

(2) Attach the earth plate onto the air conditioning duct (Fig. 4-1).

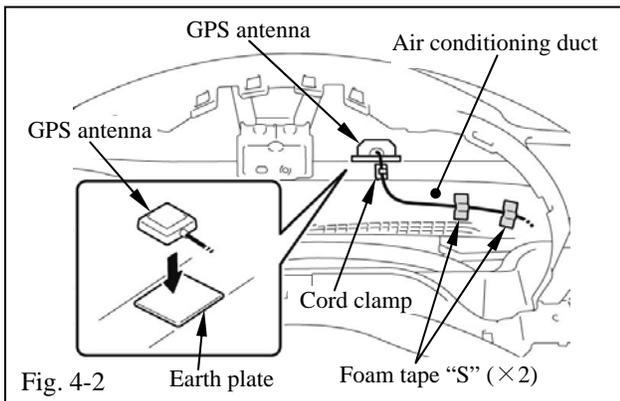


Fig. 4-2

(3) Place the GPS antenna onto the center of the earth plate (Fig. 4-2).

(4) Fix the GPS antenna cord to the air conditioning duct with a cord clamp and foam tape "S" (Fig. 4-2).

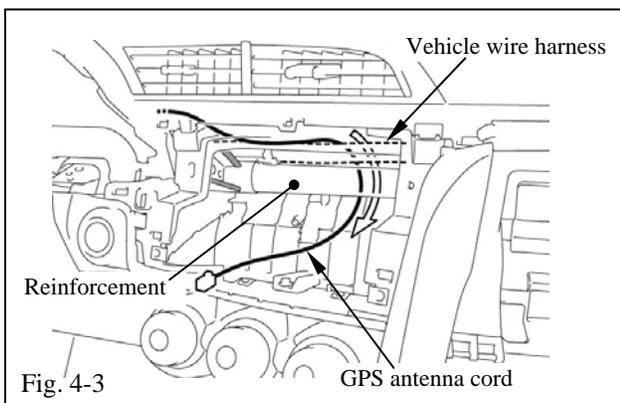


Fig. 4-3

(5) Route the GPS antenna cord along the vehicle wire harness to the navigation system installation location (Fig. 4-3).

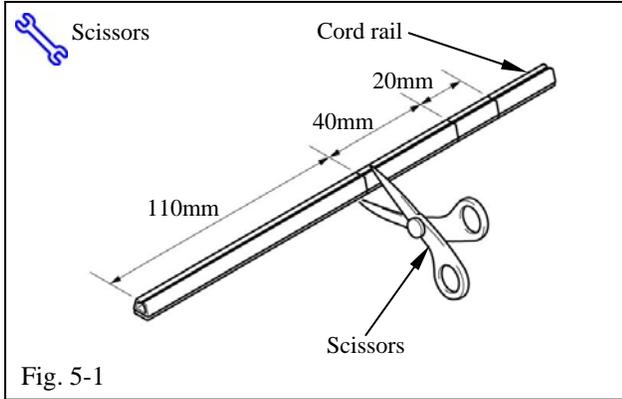
**NOTE:** The cord will be fixed together with other wires and cords later.

### 5. Microphone installation

|| **⚠ NOTE:** Set the steering wheel in the Tilt Down / Telescopic stretch position.

(a) Install the cord rail.

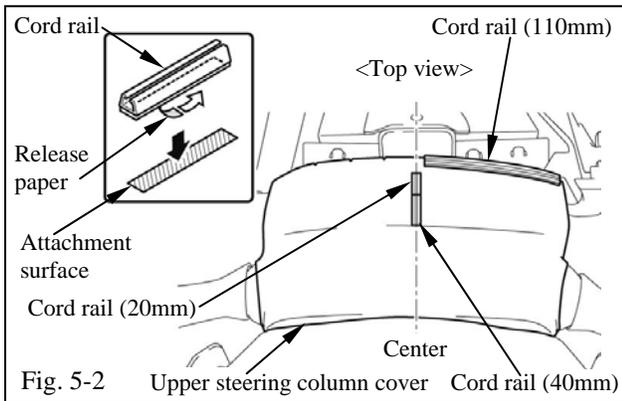
(1) Using scissors, cut the cord rail as shown in the illustration (Fig. 5-1).



|| **⚠ NOTE:** Before attaching the cord rail, wipe any dirt, water or oil off the attachment surface with VDC approved cleaner.

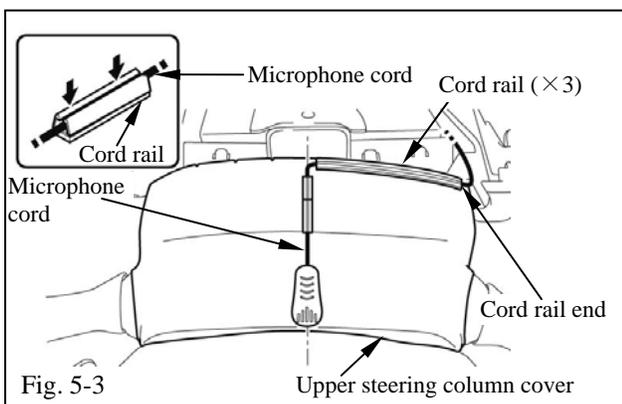
**⚠ NOTE:** If the room temperature is 50°F or below, warm up the tape and the attachment part. When the tape and the attachment part are both 68°F or above when attaching, the initial bond strength will be enhanced.

(2) Remove the release paper from the cord rails and attach the cord rails to the upper steering column cover (Fig. 5-2).



(b) Install the microphone.

(1) Temporary insert the microphone cord into the cord rails (Fig. 5-3).



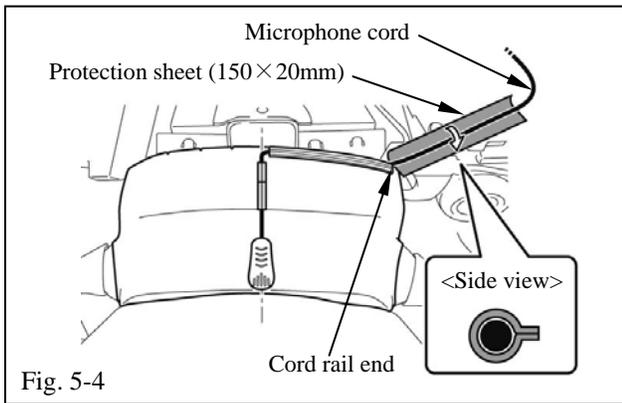


Fig. 5-4

- (2) Wrap the protection sheet around the microphone cord from the end of the cord rail so as to not leave a gap between the cord rail and the protection sheet (Fig. 5-4).
- (3) Remove the microphone cord from the cord rails (Fig. 5-4).

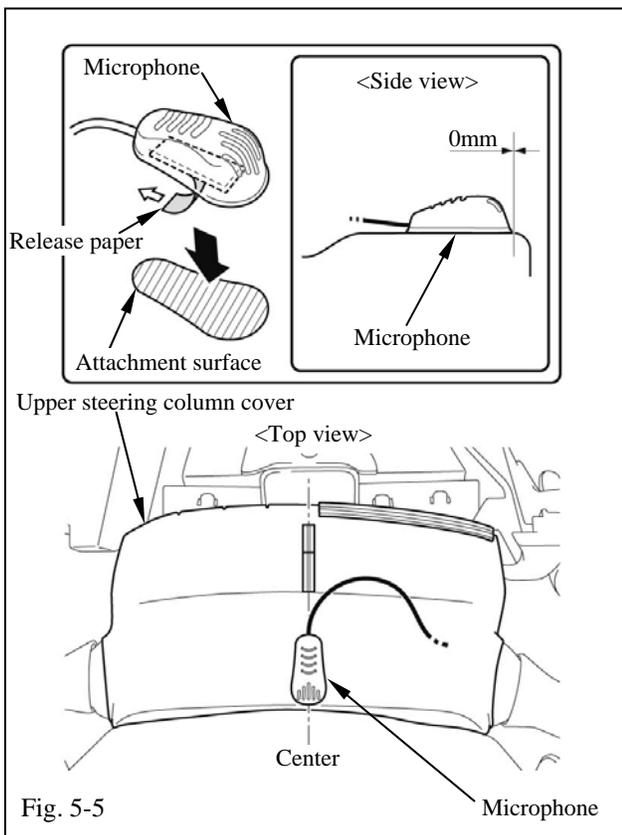
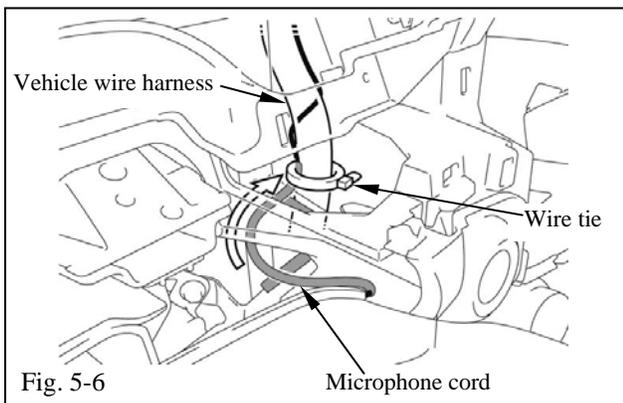


Fig. 5-5

**NOTE:** Before attaching the microphone, wipe any dirt, water or oil off the attachment surface with VDC approved cleaner.

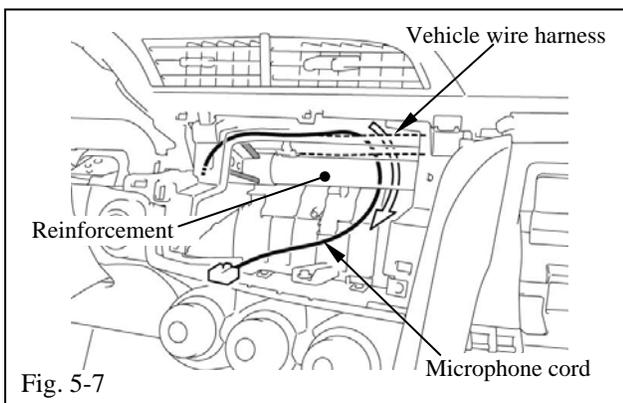
**NOTE:** If the room temperature is 50°F or below, warm up the tape and the attachment part. When the tape and the attachment part are both 68°F or above when attaching, the initial bond strength will be enhanced.

- (4) Remove the release paper from the microphone and attach the microphone to the upper steering column cover (Fig. 5-5).
- (5) Reinsert the microphone cord into the cord rails (Fig. 5-5).



(c) Route the microphone cord.

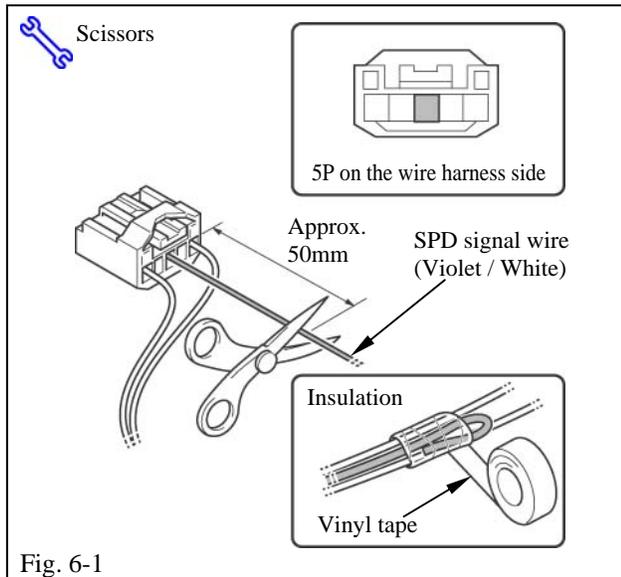
- (1) Route the microphone cord and fix it to the vehicle wire harness with a wire tie (Fig. 5-6).



- (2) Route the microphone cord along the vehicle wire harness to the navigation system installation location (Fig. 5-7).

**NOTE:** The cord will be fixed together with other wires and cords later.

## 6. Wire harness (Reverse / Park brake) installation

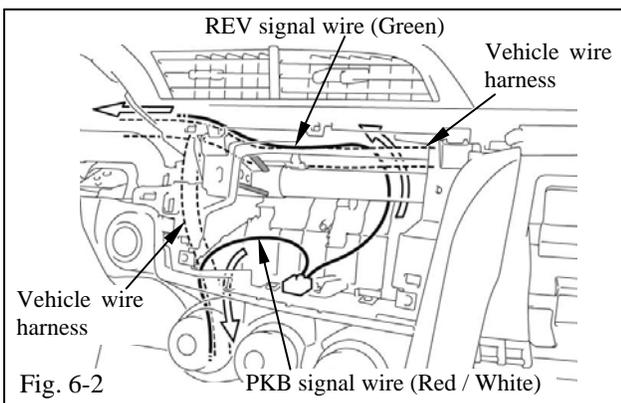


(a) Cut the SPD signal wire.

(1) Cut the SPD signal wire (Violet / White) from the wire harness to the length (approx. 50mm) shown in the illustration (Fig. 6-1).

(2) Wrap the SPD signal wire (Violet / White) with vinyl tape as shown in the illustration (Fig. 6-1).

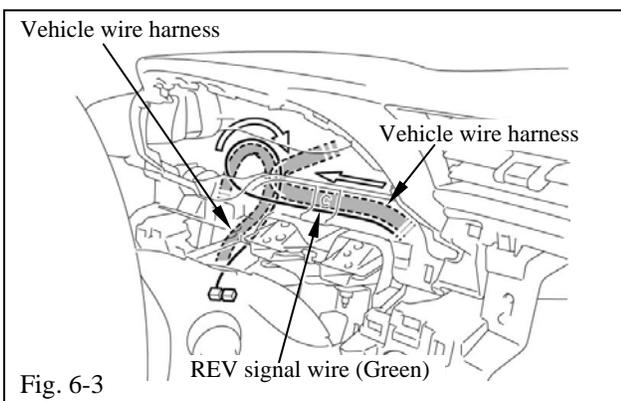
**NOTE:** It is not necessary to connect the SPD signal wire (Violet / White) from the wire harness.



(b) Route the wire harness.

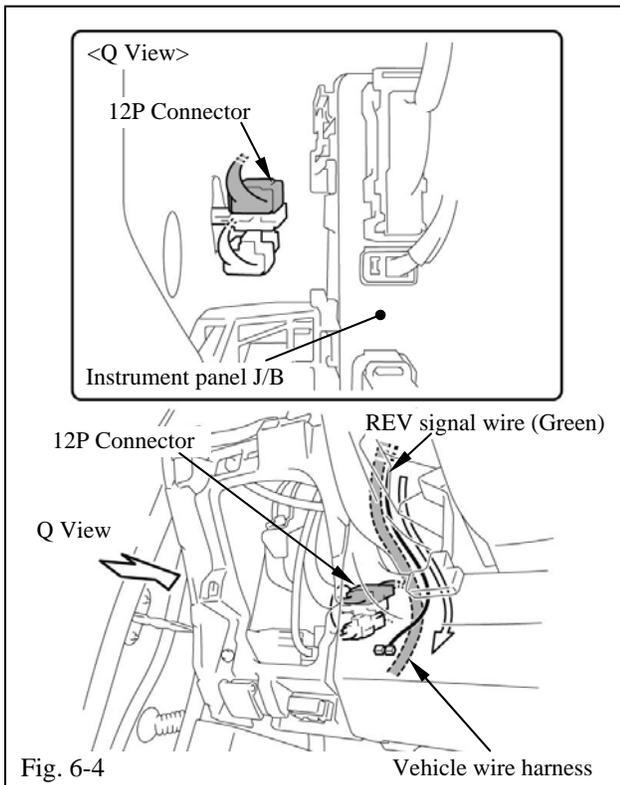
(1) Route the REV signal wire (Green) from the wire harness, along the vehicle wire harness to the vicinity of the combination meter (Fig. 6-2).

(2) Route the PKB signal wire (Red / White) from the wire harness, along the vehicle wire harness to the vicinity of the shift lever (Fig. 6-2).

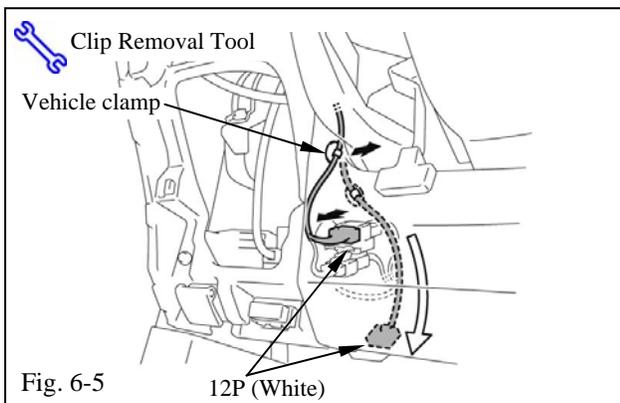


(c) Temporarily route the REV signal wire.

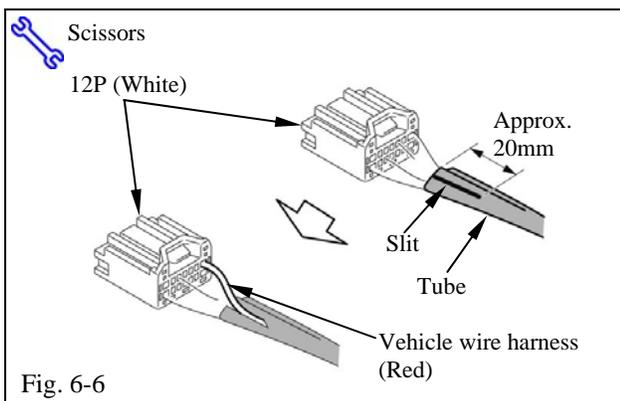
(1) Temporarily route the REV signal wire (Green) from the wire harness along the vehicle wire harness (Fig. 6-3).



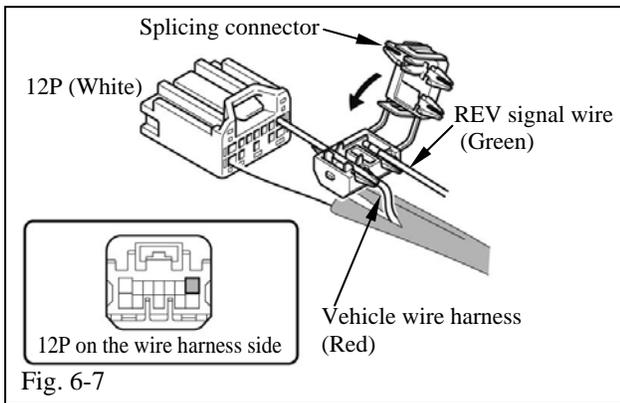
- (2) Temporarily route the REV signal wire (Green) from the wire harness along the vehicle wire harness to the 12P connector (Fig. 6-4).



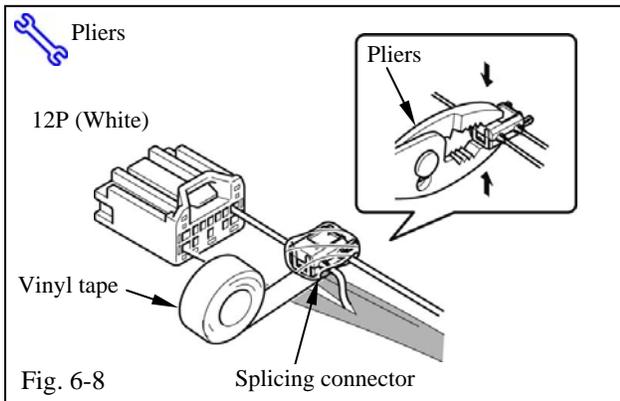
- (d) Connect the REV signal wire.
  - (1) Disconnect the white 12P connector (Fig. 6-5).
  - (2) Remove the vehicle clamp and pull out the 12P connector so that it can be connected (Fig. 6-5).



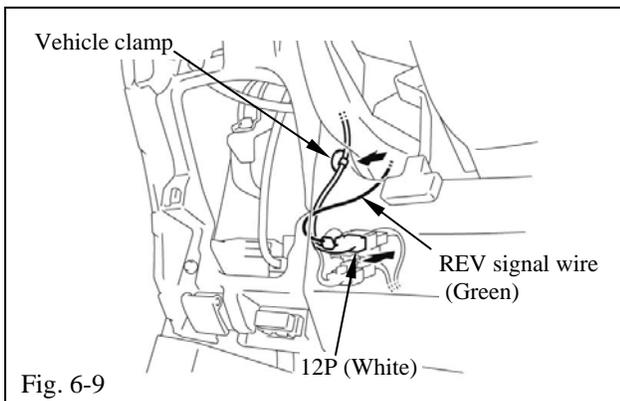
- (3) Using scissors, cut the vehicle wire harness tube for approximately 20mm and make a slit (Fig. 6-6).
- (4) Pull out the vehicle wire harness (Red) from the slit. (Fig. 6-6).



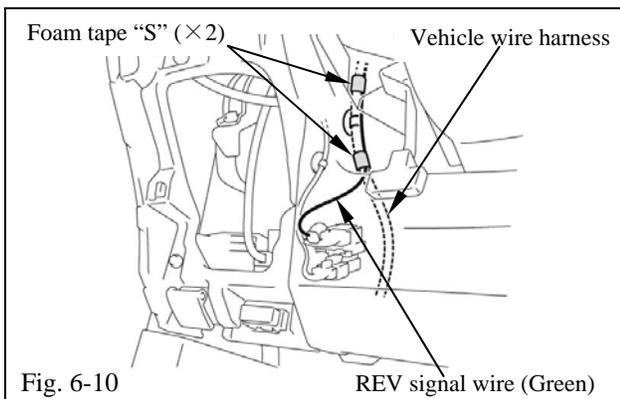
- (5) Connect the red wire (1st pin from top right) from the white 12P connector to the REV signal wire (Green) from the wire harness (Fig. 6-7).



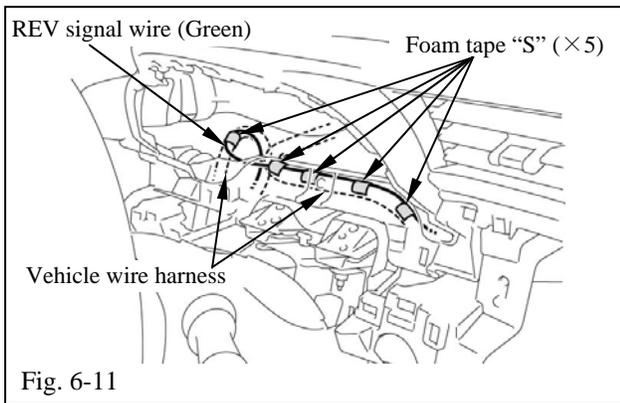
- (6) Using pliers, engage the splicing connector (Fig. 6-8).
- (7) Wrap vinyl tape around the splicing connector (Fig. 6-8).



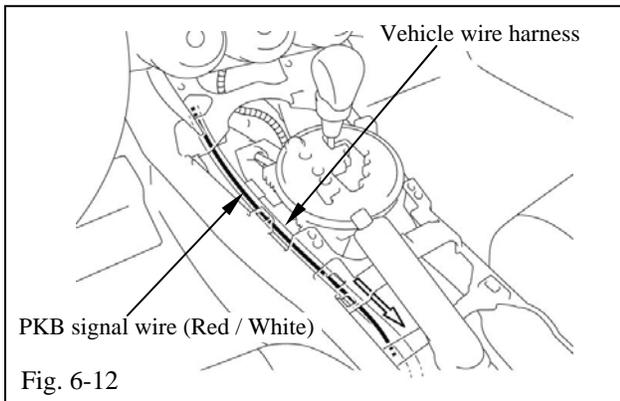
- (8) Reconnect the white 12P connector (Fig. 6-9).
- (9) Reinstall the vehicle clamp (Fig. 6-9).



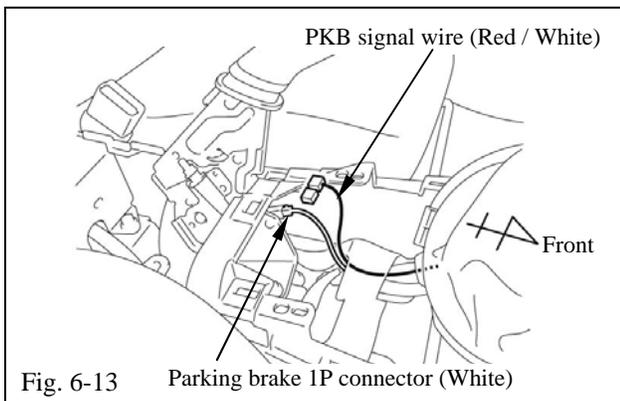
- (e) Fix the REV signal wire.
- (1) Take the REV signal wire (Green) from the wire harness and fix it to the vehicle wire harness with foam tape "S" (Fig. 6-10).



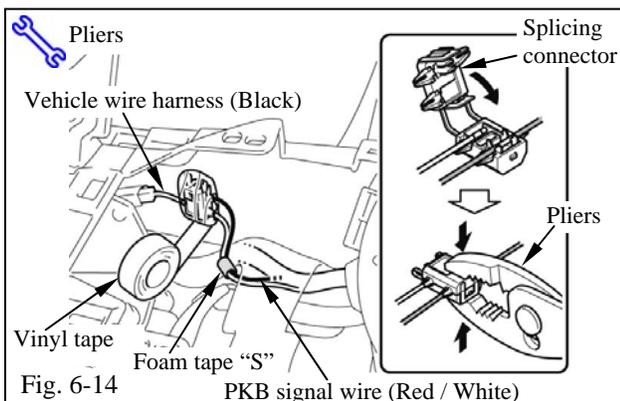
- (2) Take the REV signal wire (Green) from the wire harness and fix it to the vehicle wire harness with foam tape "S" (Fig. 6-11).



- (f) Temporarily route the PKB signal wire.
  - (1) Temporarily route the PKB signal wire (Red / White) from the wire harness along the vehicle wire harness (Fig. 6-12).



- (2) Temporarily route the PKB signal wire (Red / White) from the wire harness along the vehicle wire harness to the white 1P connector on the parking brake switch (Fig. 6-13).



- (3) Connect the PKB signal wire (Red / White) from the wire harness to the lead wire from the white 1P connector (Fig. 6-14).
- (4) Wrap vinyl tape around the splicing connector (Fig. 6-14).
- (5) Take the PKB signal wire (Red / White) from the wire harness and fix it to the vehicle wire harness with foam tape "S" (Fig. 6-14).

**NOTE:** The wires will be fixed together with other wires and cords later.

### 7. Bluetooth antenna installation

(a) Install the Bluetooth antenna.



**NOTE:** Before attaching the Bluetooth antenna, wipe any dirt, water or oil off the attachment surface with VDC approved cleaner.

- (1) Move the center console box to the vehicle rear so that the Bluetooth antenna can be attached (Fig. 7-1).
- (2) Remove the release paper from the Bluetooth antenna (Fig. 7-1).
- (3) Align the Bluetooth antenna with the vehicle clamp and attach it to the center tunnel on the passenger side (Fig. 7-1).

(b) Route the Bluetooth antenna cord.

- (1) Route the Bluetooth antenna cord and fix it to the vehicle wire harness with foam tape "S" (Fig. 7-2).

**NOTE:** As for the manual transmission models, fix the Bluetooth antenna cord to the floor surface as there are no wire harnesses.

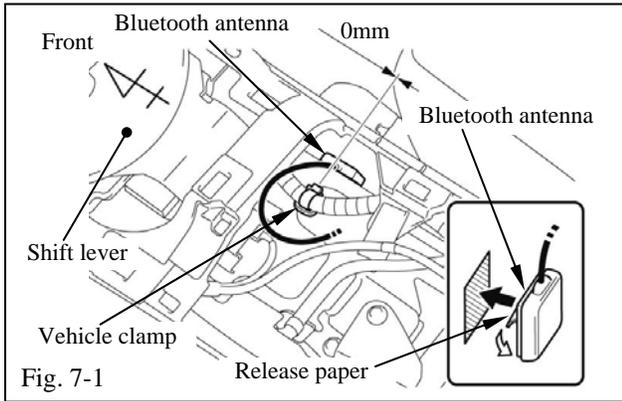


Fig. 7-1

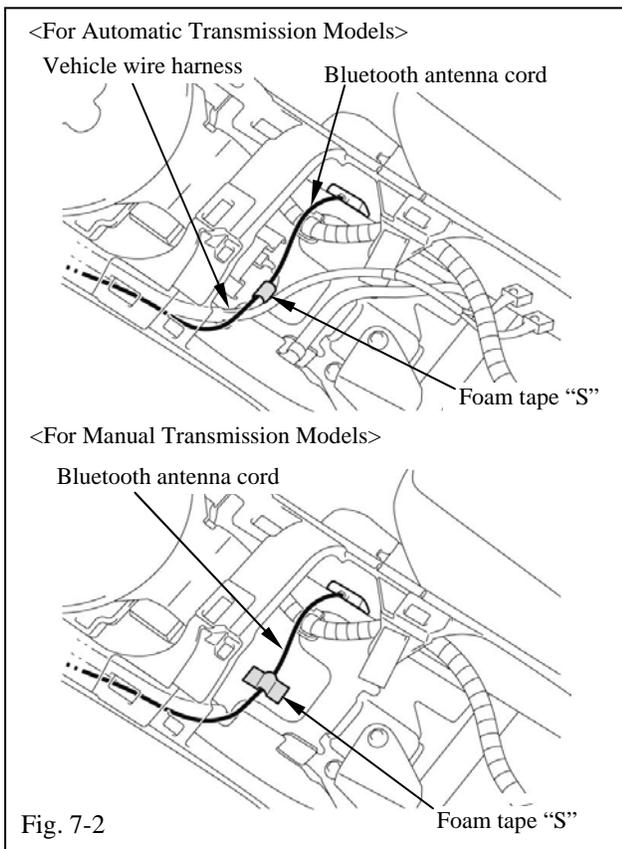
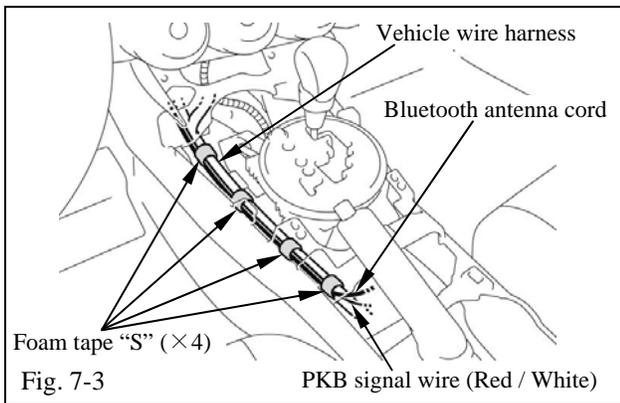
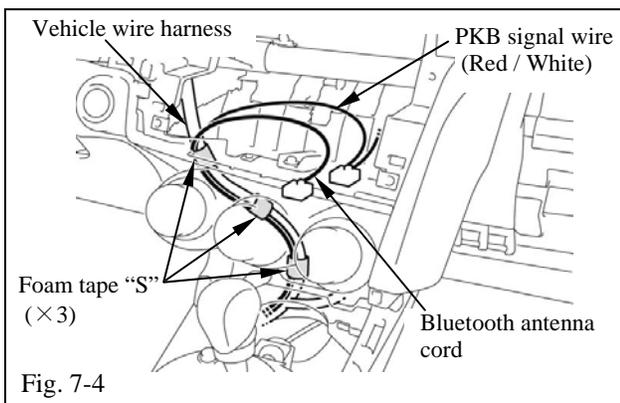


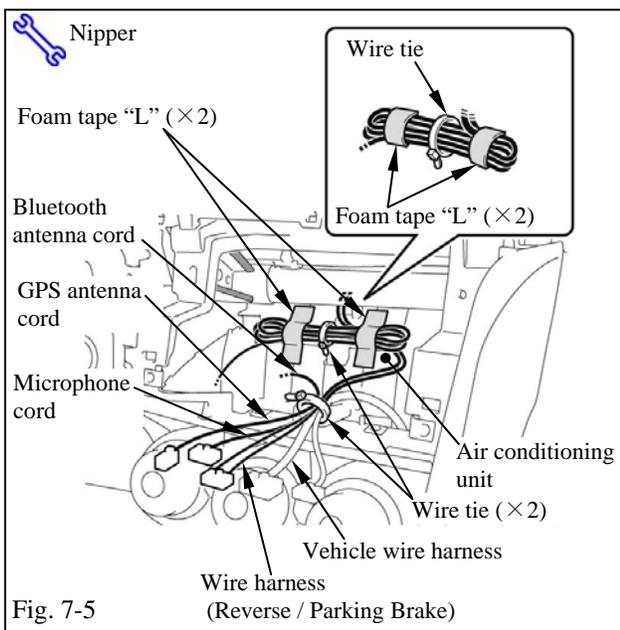
Fig. 7-2



- (2) Route the Bluetooth antenna cord and PKB signal wire (Red / White) fix it to the vehicle wire harness with foam tape "S" (Fig. 7-3).



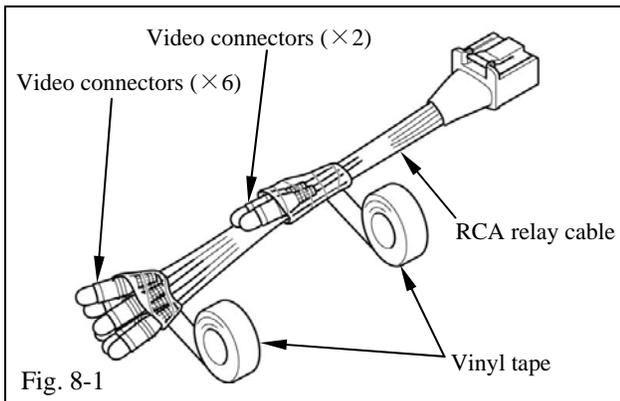
- (3) Route the Bluetooth antenna cord and PKB signal wire (Red / White) fix it to the vehicle wire harness with foam tape "S" (Fig. 7-4).



- (c) Bundle and fix any excess GPS antenna cord, wire harness and microphone cord.

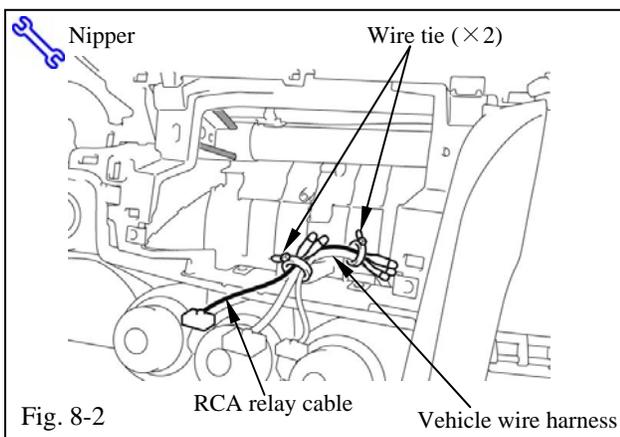
- (1) Fix the GPS antenna cord, wire harness, microphone cord and Bluetooth antenna cord to the vehicle wire harness with a wire tie (Fig. 7-5).
- (2) Bundle each cord with a wire tie, and fix them with foam tape "L" (Fig. 7-5).

## 8. RCA relay cable installation



(a) Perform noise prevention for RCA relay cable.

- (1) For noise prevention, wrap vinyl tape around the 6 / 2 video connectors on the RCA relay cable to secure them (Fig. 8-1).

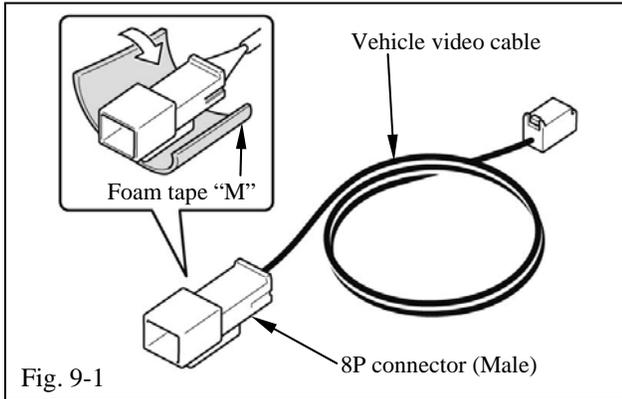


(b) Temporarily route the RCA relay cable.

- (1) Fix the RCA relay cable to the vehicle wire harness with wire ties (Fig. 8-2).

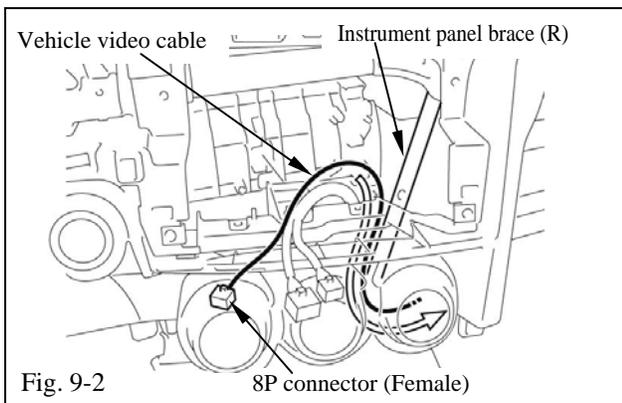
**XM data cable (Optional) installation**  
<See XM SATELLITE RADIO  
INSTALLATION MANUAL>

### 9. Vehicle video cable installation



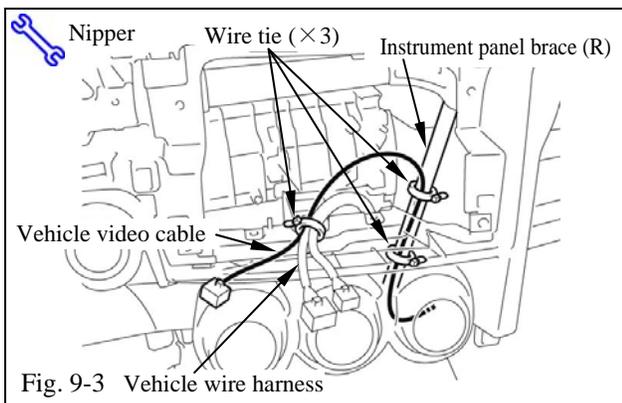
(a) Perform noise prevention for vehicle video cable.

- (1) For noise prevention, wrap foam tape "M" around the 8P connector (male) from the vehicle video cable (Fig. 9-1).

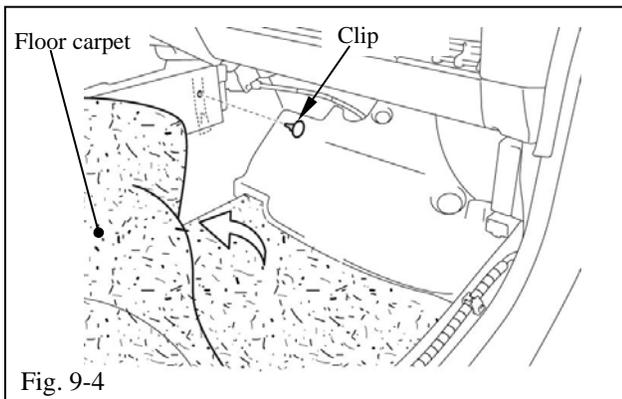


(b) Route the vehicle video cable.

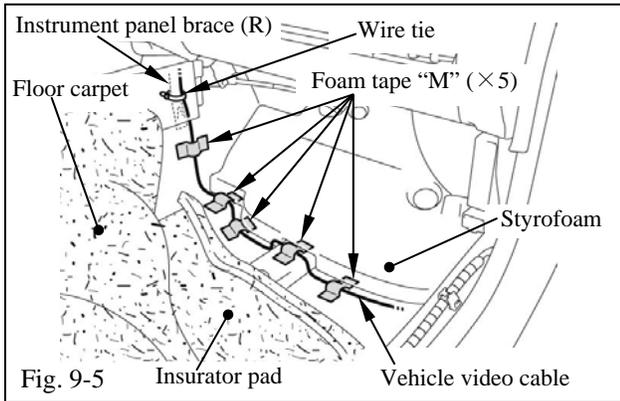
- (1) Route the vehicle video cable along the instrument panel brace (R) to the foot area of the passenger side (Fig. 9-2).



- (2) Fix the vehicle video cable to the vehicle wire harness and instrument panel brace (R) with wire ties (Fig. 9-3).



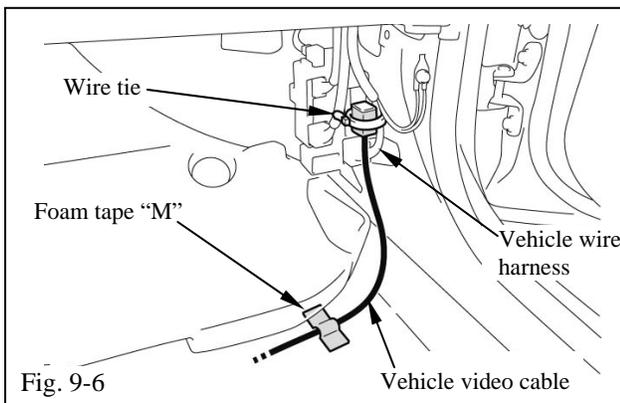
- (3) Remove the clip and pull back the floor carpet (Fig. 9-4).



(4) Fix the vehicle video cable to the instrument panel brace (R) with wire tie (Fig. 9-5).

(5) Fix the vehicle video cable to the body surface with foam tape "M" (Fig. 9-5).

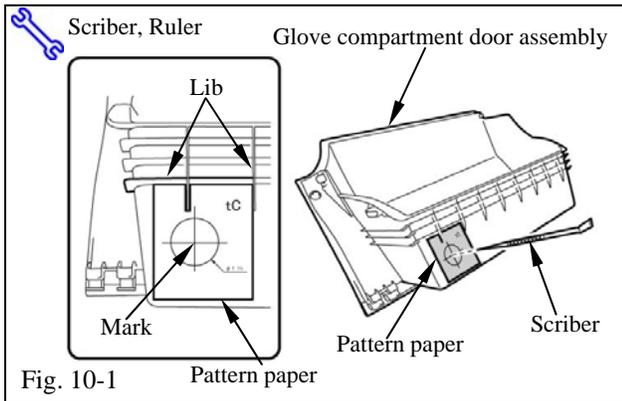
**NOTE:** Run vehicle video cable between styrofoam and insulator pad.



(6) Fix the vehicle video cable to the body surface with foam tape "M" (Fig. 9-6).

(7) Fix the vehicle video cable 8P connector to the vehicle wire harness with a wire tie (Fig. 9-6).

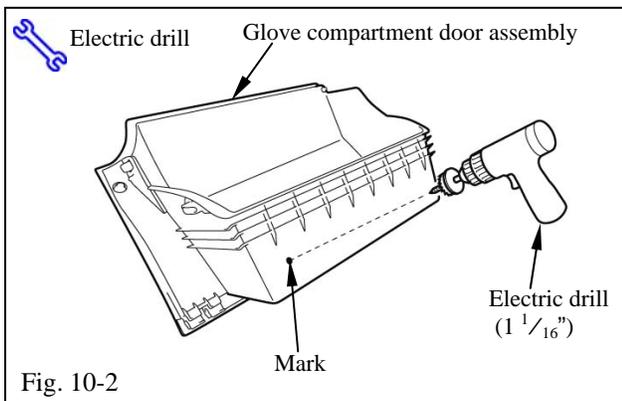
10. Customer video cable installation.



(a) Drill a wire hole.

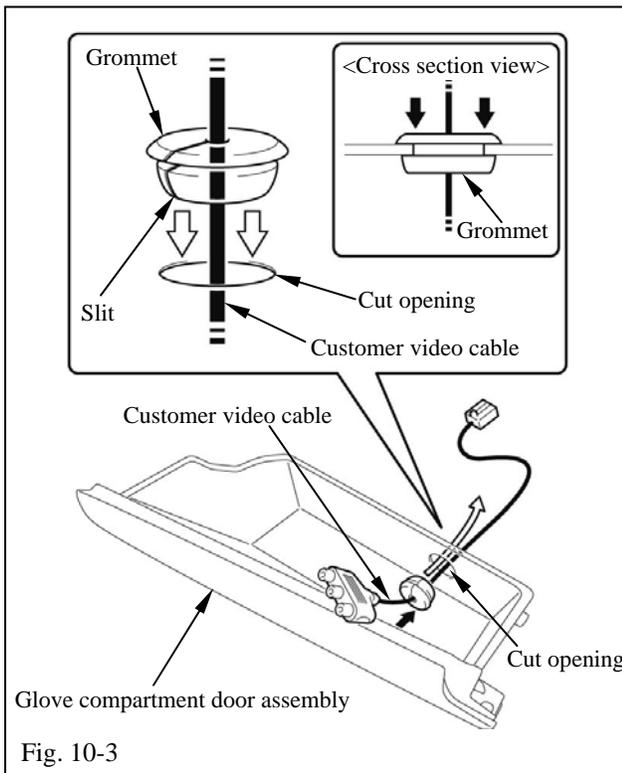
- (1) Using a piece of pattern paper, make a mark on the back of the glove compartment door assembly with a scriber (Fig. 10-1).

**NOTE:** The pattern paper is on the last page.



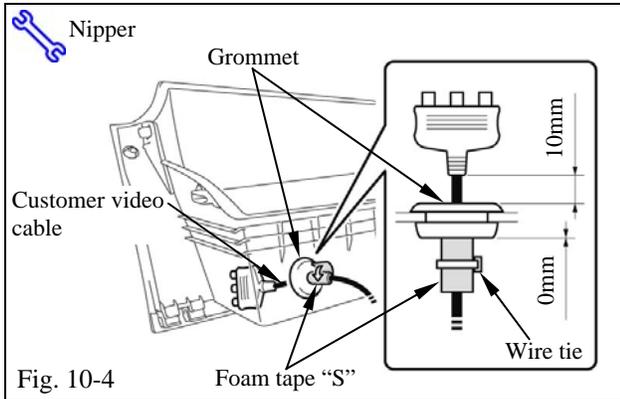
- (2) Drill a 1 1/16" hole into the mark using an electric drill (Fig. 10-2).

**NOTE:** Remove any burrs or sharp edges from the hole. However, care must be taken so that the hole diameter will not exceed 1 1/16".

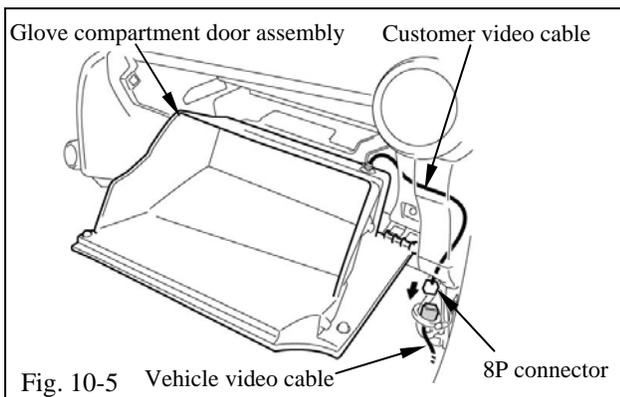


(b) Install the customer video cable.

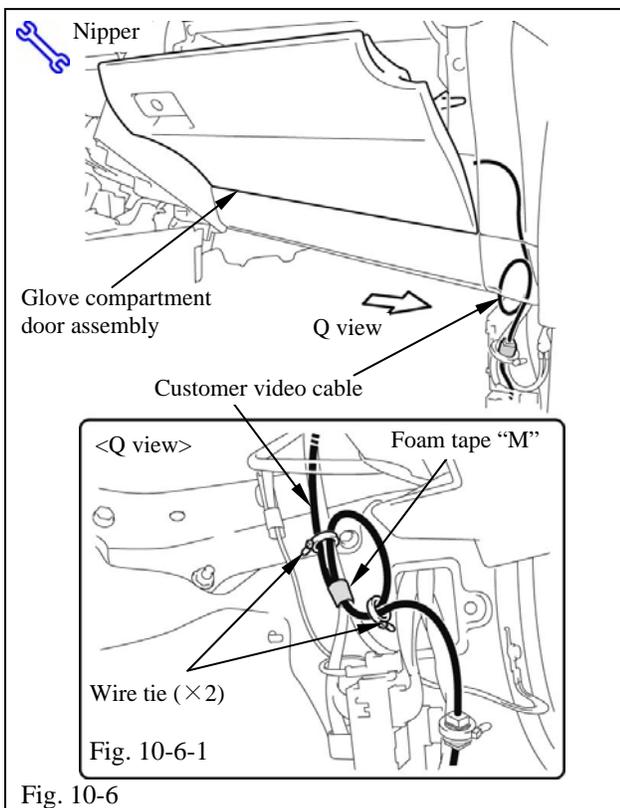
- (1) Pass the customer video cable through the cut opening on the glove compartment door assembly (Fig. 10-3).
- (2) Attach the grommet to the customer video cable (Fig. 10-3).
- (3) Engage the grommet into the cut opening (Fig. 10-3).



- (4) Adjust the length of the customer video cable jack extending from the grommet edge (Fig. 10-4).
- (5) Wrap foam tape “S” around the customer video cable (Fig. 10-4).
- (6) Using a wire tie, tighten the foam tape (Fig. 10-4).



- (c) Connect the customer video cable.
  - (1) Temporarily reinstall the glove compartment door assembly in the original location (Fig. 10-5).
  - (2) Connect the 8P connector from the customer video cable to the vehicle video cable (Fig. 10-5).

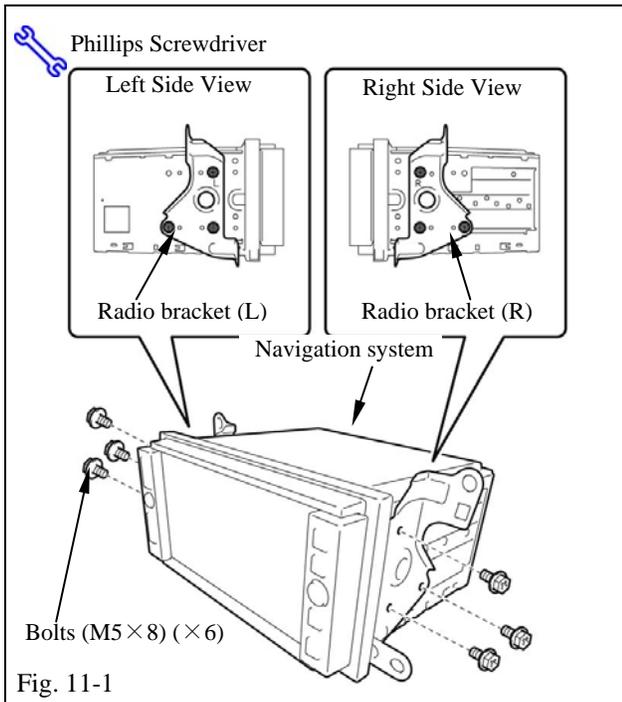


- (d) Bundle excess customer video cable.
  - (1) Reinstall the glove compartment door assembly (Fig. 10-6).
  - (2) Bundle any excess customer video cable in a loop with wire ties (Fig. 10-6-1).
  - (3) Fix the loop to the vehicle wire harness with foam tape “M” (Fig. 10-6-1).



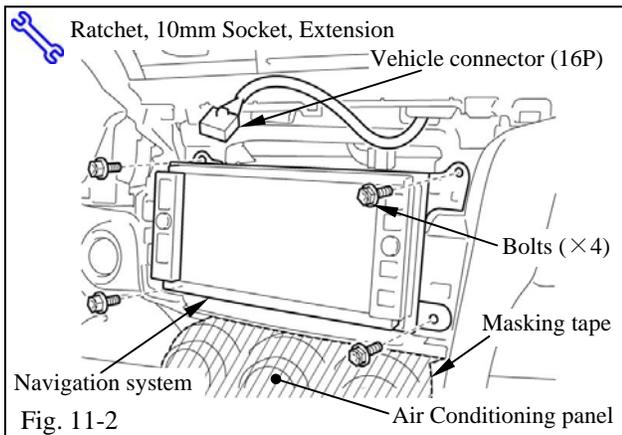
**NOTE:** While bundling the excess cable, keep the glove compartment door assembly open.

### 11. Navigation system installation



(a) Install the brackets.

- (1) Install the brackets (L and R) onto the navigation system with the 6 bolts (M5×8) (Fig. 11-1).



(b) Install the navigation system.

- (1) Apply masking tape to the air conditioning panel (Fig. 11-2).
- (2) Connect the connectors (20P / 10P / 6P / USB connector / Wire harness / GPS antenna cord / XM data cable / RCA relay cable / Microphone cord / Bluetooth antenna cord / Vehicle video cable / Radio antenna cable) to the navigation system (Fig. 11-2).

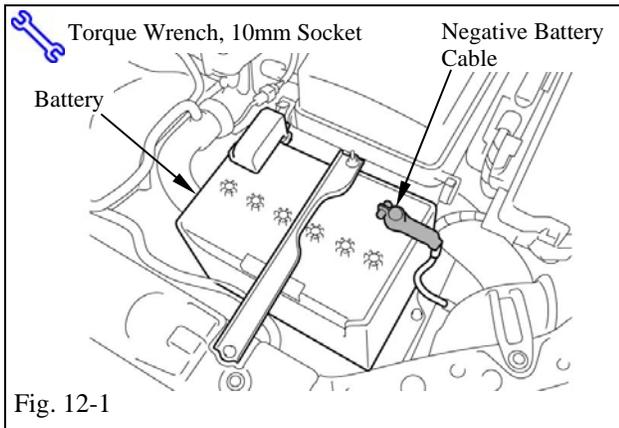
**NOTE:** If also installing an XM tuner, the XM data cable needs to be connected as well.



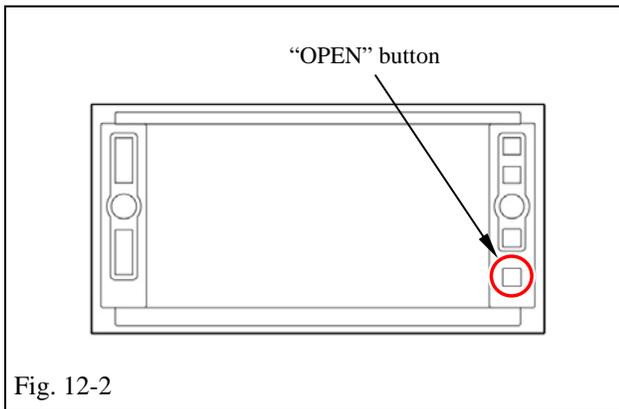
**NOTE:** Do not mistakenly connect the vehicle connector (16P) to the navigation system.

- (3) Install the navigation system with the 4 bolts (Fig. 11-2).

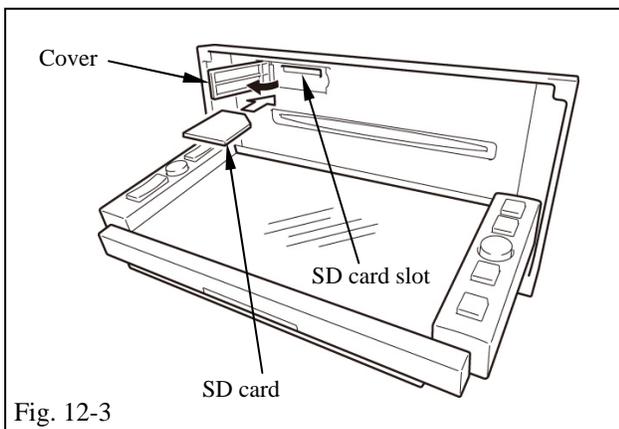
### 12. In-process function check - Check REV/PKB signal wire connection



- (a) Reconnect the vehicle's negative battery cable (Fig. 12-1).
  - (1) Position the negative terminal back to the factory position.
  - (2) Tighten the nut to 36 in-lbs.
  - (3) Do not touch the positive terminal with any tools when replacing the cable.
  - (4) Connect the DCC fuse.



- (b) Switch to the Diagnostic Mode Screen.
  - (1) Turn the ignition switch to the ACC position.
  - (2) Press and hold the "OPEN " button for 3 seconds or more to open the display (Fig. 12-2).



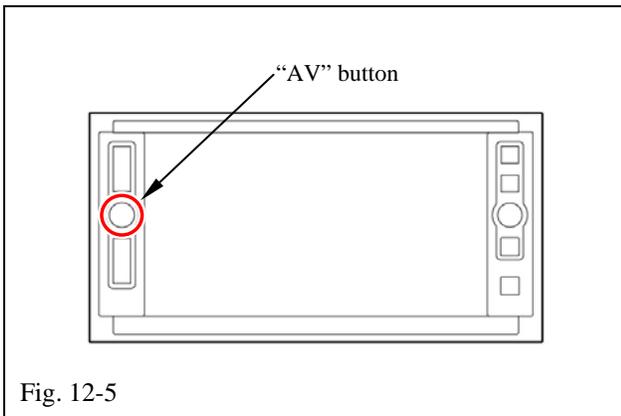
- (3) Open the SD card slot cover and insert the SD card into the slot (Fig. 12-3).  
**NOTE:** Place the SD card case in the glove box.
- (4) Close the SD card slot cover.



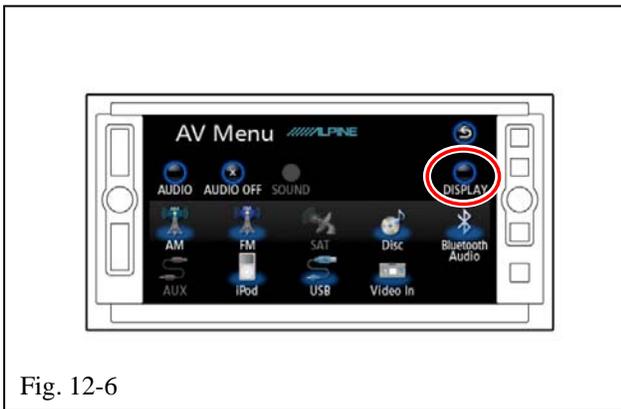
(5) Press and hold the "OPEN " button for 3 seconds or more to close the display.



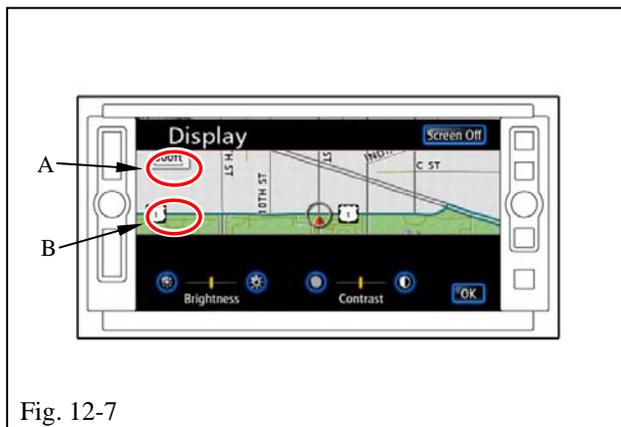
**NOTE:** Do not turn off the ignition switch until the system loading is completed (Fig. 12-4).



(c) Press the "AV" button to display the "AV Menu" screen (Fig. 12-5).



(d) Touch "DISPLAY" to display the initial search screen. (Fig. 12-6).



(e) In order to display the "System Check Mode" screen, touch areas A and B, indicated on the screen, in the following order:  
A→B→A→B→A→B·····(Fig. 12-7).

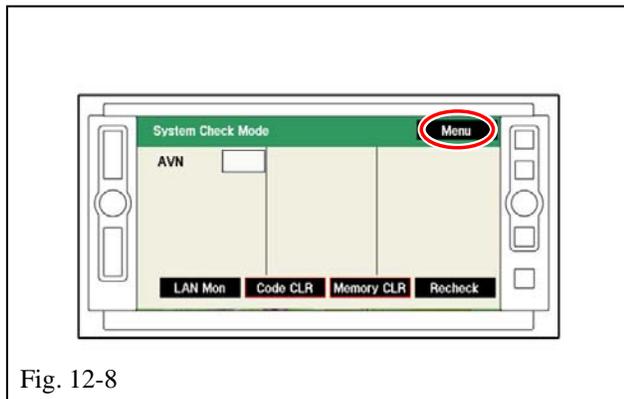


Fig. 12-8

(f) Touch "Menu" to display the "Diagnosis Menu" screen (Fig. 12-8).

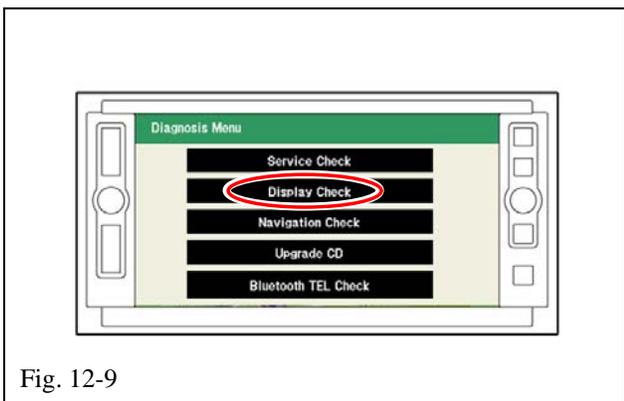


Fig. 12-9

(g) Touch "Display Check" to display the "Display Check" screen (Fig. 12-9).

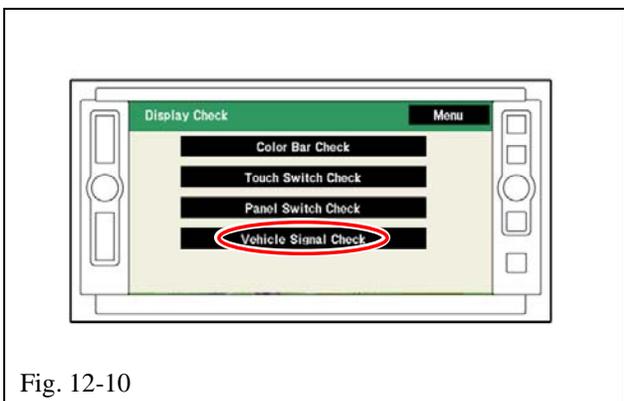


Fig. 12-10

(h) Touch "Vehicle Signal Check" to display the "Vehicle Signal Check" screen (Fig. 12-10).

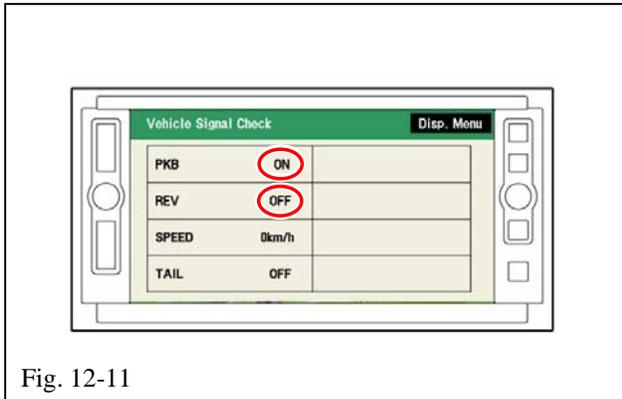


Fig. 12-11

- (i) Perform the following confirmation tests by referring to the indications circled on the screen (Fig. 12-11).

**PKB**

- (1) When the PKB is engaged →ON
- (2) When the PKB is disengaged →OFF

**REV**

- (3) When the shift lever is engaged in the R position →ON
- (4) When the shift lever is engaged in any position other than R →OFF

**NOTE:** If the results are not as specified, check the connection again.

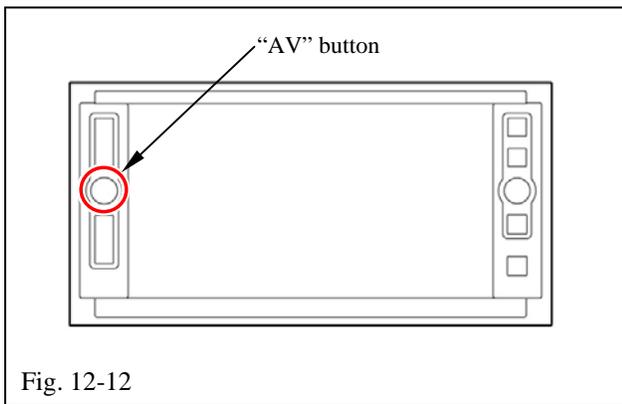


Fig. 12-12

- (j) Terminate the operation by pressing and holding the "AV" button on the screen for more than 3 seconds (Fig. 12-12).

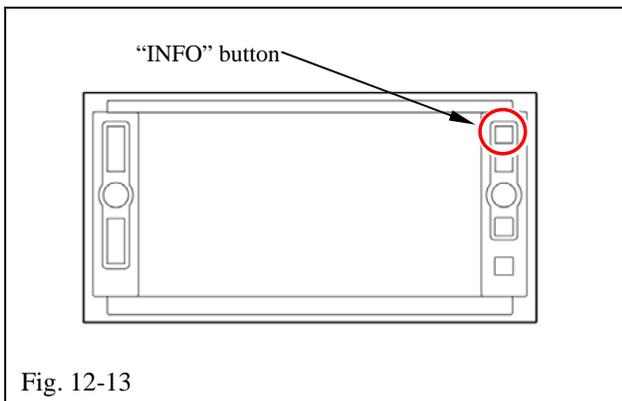


Fig. 12-13

- (k) Check the microphone connection.
  - (1) Press the "INFO" button to change to the "Information" screen (Fig. 12-13).



Fig. 12-14

- (2) Check that the "Telephone" switch icon is on the Information screen (Fig. 12-14).

**NOTE:** If the "Telephone" switch icon cannot be displayed, check the connection again.

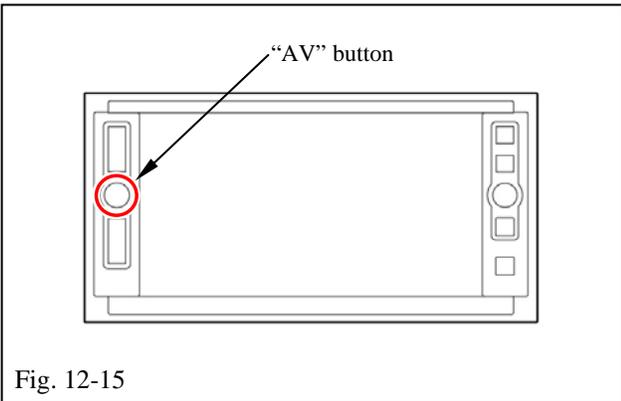


Fig. 12-15

- (1) Check the customer video cable connection.
  - (1) Press the "AV" button to display the "AV Menu" screen (Fig. 12-15).



Fig. 12-16

- (2) Check that the "Video In" switch icon is not grayed out on the "AV Menu" screen (Fig. 12-16).

**NOTE:** If the "Video In" switch icon is grayed out, check the connection again.

### 13. Completing the installation

- (a) Complete the reassembly of the vehicle.
  - ⚠ (1) Reconnect any disconnected connectors.
  - ⚠ (2) Verify that the panels fit together properly with no uneven gaps between them.
- (b) Clean up and remove any trash.
- (c) Remove short pin.
- (d) Place 2 Owner's Manuals in glove box.
- (e) Be careful not to bend the customer video cable jack with the Owner's Manual etc.

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

Check:

Look For:

Accessory Function Checks

- Press the “AV” button and check that the AV MENU screen appears.
- Check that AM and FM broadcasts sound from each speaker.
- Touch the “Volume” button and check that the volume level displayed on the volume screen changes accordingly.
- Press the “MAP” button and check that the map screen appears.
- Touch and scroll the map displayed on the screen and check that the map can be scrolled.
- Check for the GPS icon on display when under open sky.
- Using the Brightness / Contrast function, check that the illumination intensity changes correctly on the display.
- Connect the USB checker to the USB & AUX BOX and check that the speaker emits sound.
- Check that sound is emitted using a CD.
- Connect an external video player to the customer video cable and check that the video is displayed (PKB must be engaged for this check).

Radio antenna connection is ok

GPS antenna connection is ok.

USB connector connection is ok.

Video cable connection is ok.

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

Check:

Look For:

Vehicle Function Checks

- Hazard Switch.
- Air Conditioner.
- Front Passenger Seat Belt Monitor.
- Refer to your Car Owner’s Manual, and return the Power Windows to their initial positions.
- Refer to your Car Owner’s Manual, and return the Back Door Lock to its initial position.
- Steering Wheel Audio Controls.
- TRAC, TPMS and Combination Meter, Parking Brake and Reverse.
- 12V power port.
- Hood latch.
- Mirror switch.
- Clock.
- Security (if equipped).

- Functioning Hazard Switch.
- Functioning Air Conditioner.
- Functioning Front Passenger Seat Belt Monitor.
- Auto-open and Auto-close operation of each of the Power Windows is possible with the driver’s seat master switch.
- Door Lock and Unlock functions operate correctly.
- Volume, Mode and Seek function.
- Ensure LED operation.

Pattern Paper

