

INDEX

Parts List..... 1

Tools and Supplies Required 3

Before You Begin

- Customer Information 3
- Wire Harness Routing Precaution 4

Illustration of the components on the vehicle..... 5

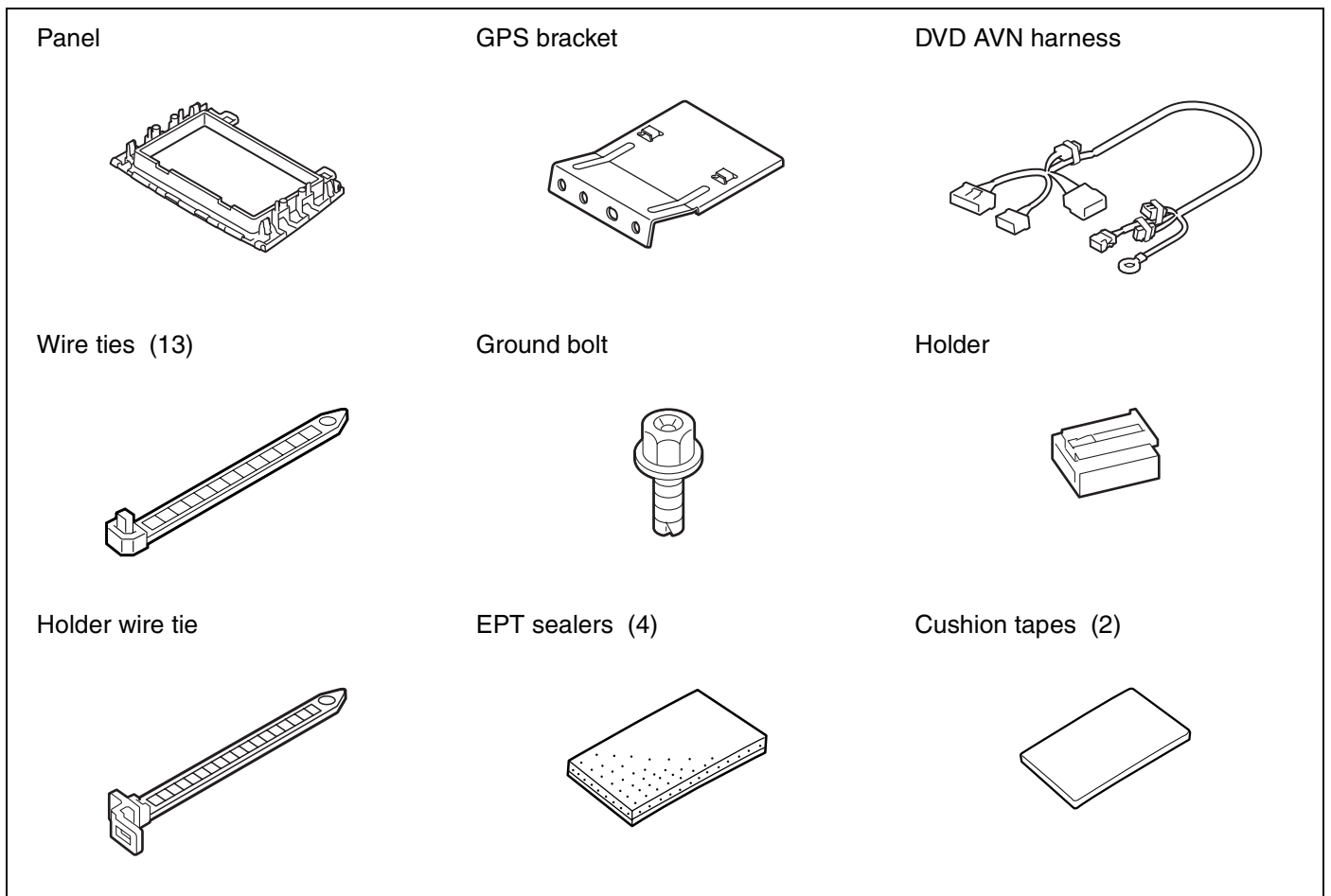
Installation 7

- <LHD model>..... 7
- <RHD model> 29

Inspection 50

Parts List

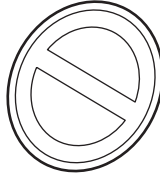
Attachment kit



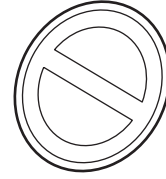
4 x 16 mm
Self-tapping screws (2)



Caution label



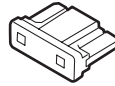
Caution label



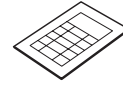
Self-tapping screws (4)



Fuse (20 A)



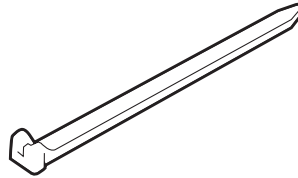
Fuse seal



Clip

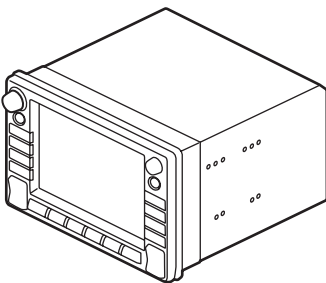


Short wire tie

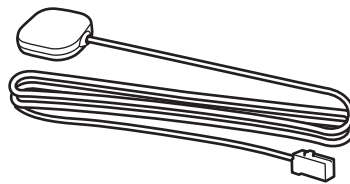


DVD AVN Navigation Unit P/N: 08A40-1J6-100

DVD AVN navigation unit



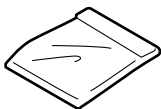
GPS antenna



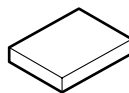
Washer-screws, 5 x 8 mm (8)



Envelope
-Anti-Theft Radio ID card
-Anti-Theft Radio Label
-ID Cards (2)

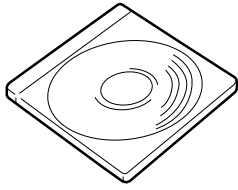


Double face tape



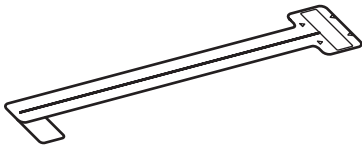
DVD-ROM Kit P/N: 08A42-1J6-000

Navigation DVD-ROM

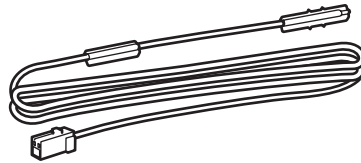


Antenna Kit P/N: 08A41-7J6-000

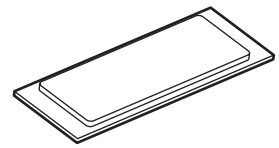
Film antenna



Cable

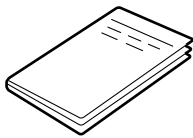


Earth plate



Owner's Manual Kit P/N: 08A43-1J0-*00

Owner's Manual



Tools and Supplies Required

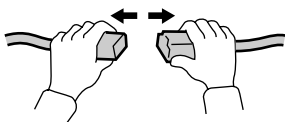
- Phillips screwdriver
- Flat-tip screwdriver
- Stubby Phillips screwdriver
- Sprayer
- Shop towel
- Clip remover
- Ratchet
- 10 mm Socket
- Contact Cleaner
- Eye protection (face shield, safety goggles, etc.)
- Utility knife
- Scissors
- Dish soap
- Resin squeegee
- Masking tape
- Hex wrenches

Before You Begin

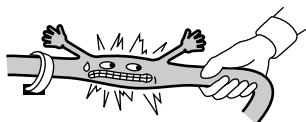
Customer Information

- Write down the customer's radio station presets; the radio memory will be erased when you disconnect the battery.
- Make sure you have the anti-theft code for the radio, then write down the frequencies for the preset buttons.
- Disconnect the negative cable from the battery.
- Before removing parts from the vehicle, note their locations so that they can be reinstalled in their original places properly.
- Be sure to use the bolts, screws and nuts included in this kit. Use of bolts, nuts and screws other than those included in this kit may damage the parts.
- Do not clamp the bus cord and SRS harness together.

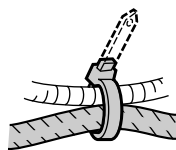
Wire Harness Routing Precaution



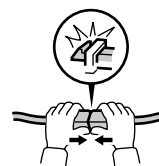
Disconnect the connectors and terminals by holding them. Do not pull the harness to disconnect the connector.



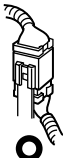
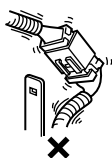
Do not pull the harness with force. It will damage the harness.



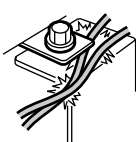
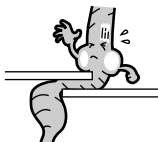
Cut off the excess of the wire ties.



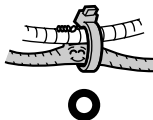
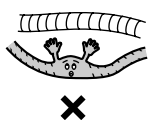
Connect the connectors and terminals securely until they lock.



Reinstall the connectors to the corresponding stays whenever they are removed. After operation, check that the connectors are installed on the stays securely and not loose or come out of the stays.



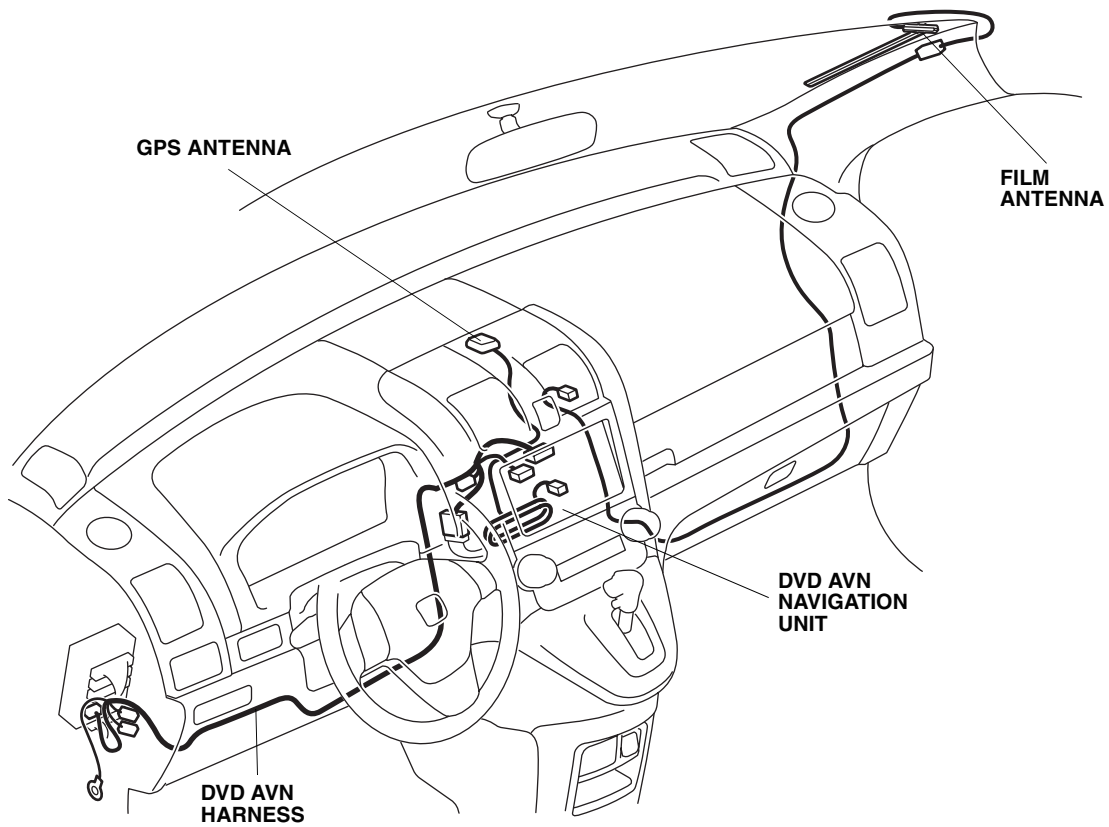
Take care not to pinch the harness with the vehicle parts during assembly.



Secure the harness to the vehicle harness securely not to let them hang down. Reinstall the clamps of the vehicle if they are removed.

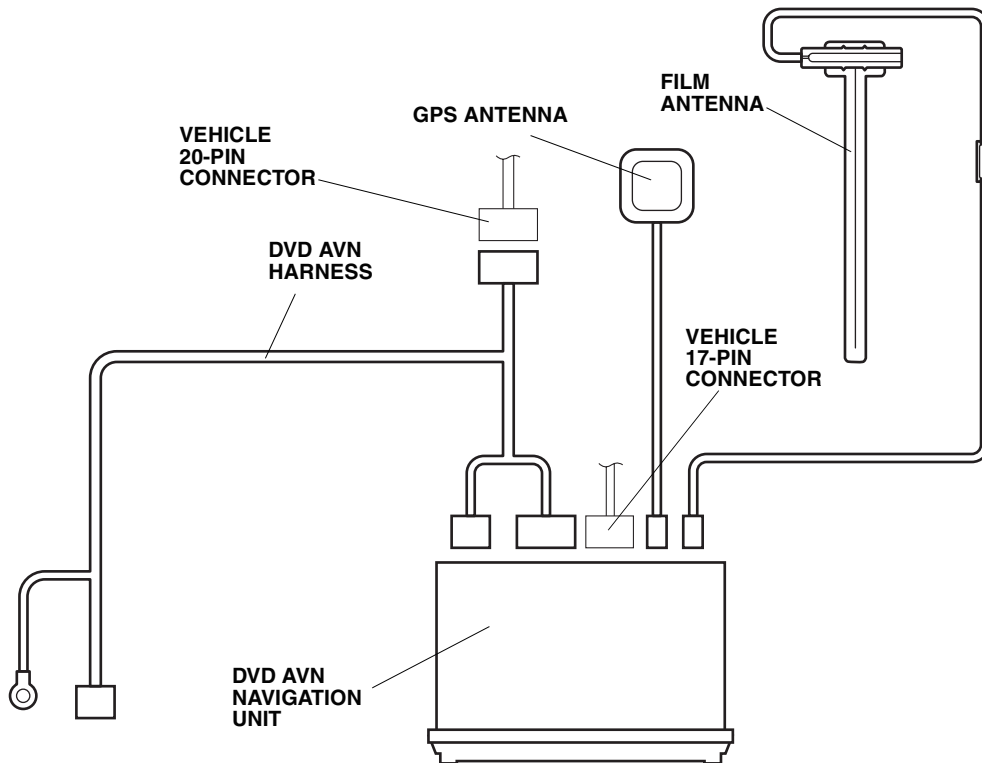
Illustration of the components on the vehicle

<LHD model shown>



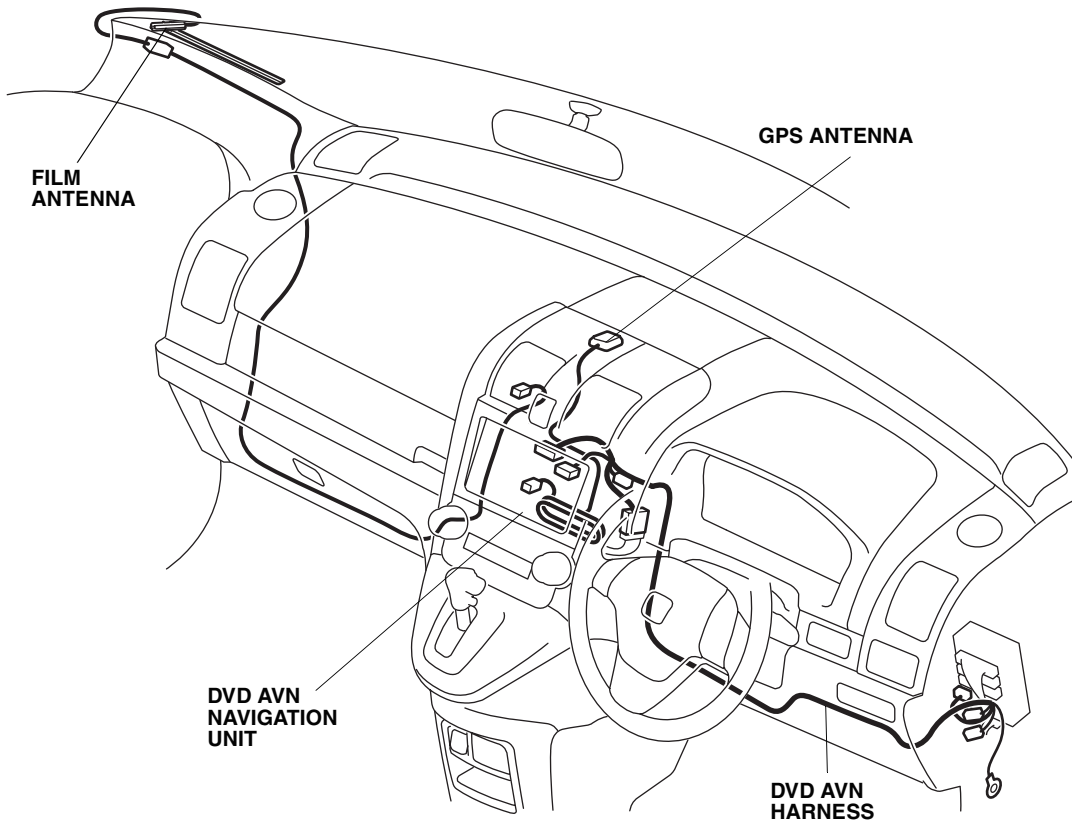
6628021H

System



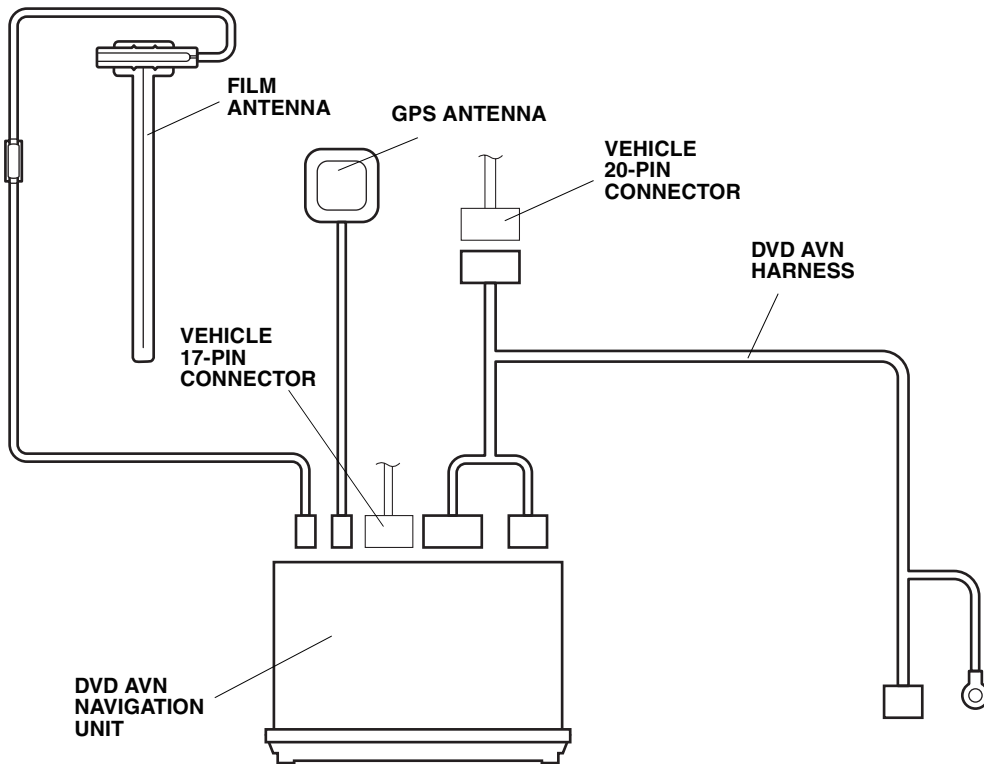
6628030H

<RHD model shown>



6525142H

System

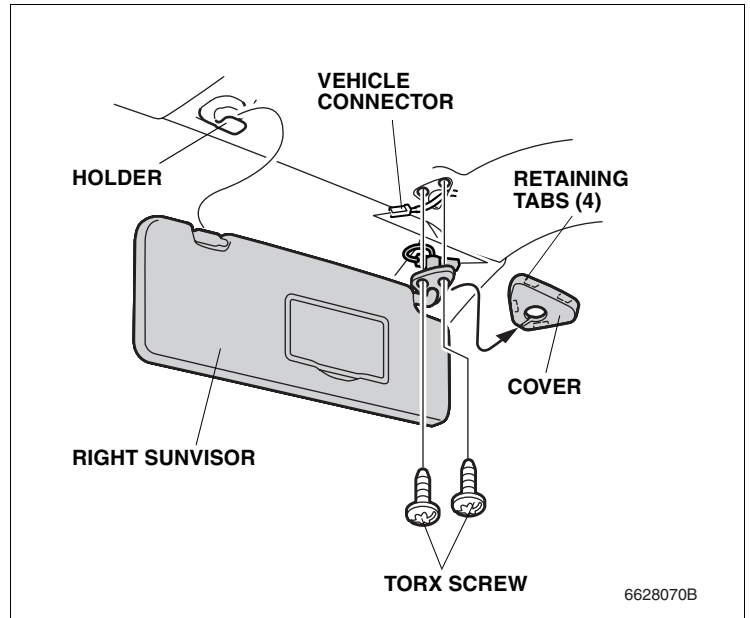


6525151H

Installation

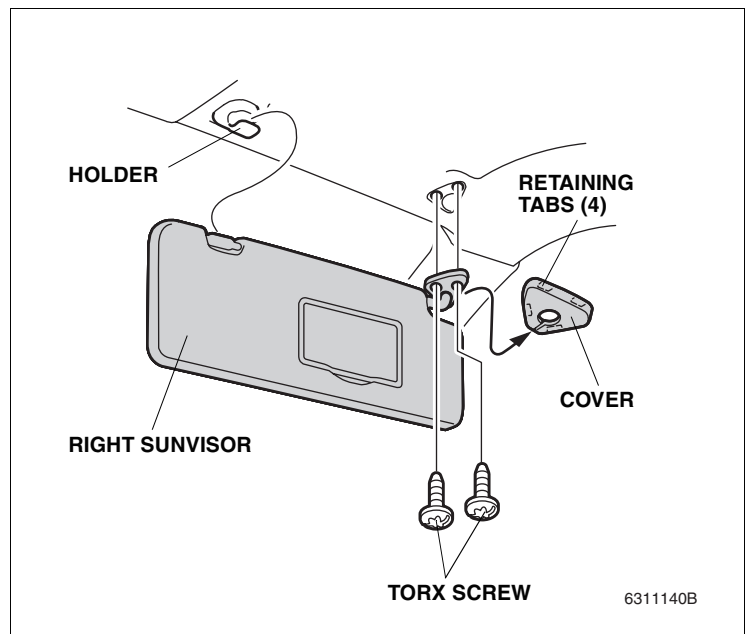
<LHD model>

1. Remove the right sunvisor from the holder. Remove the cover from the right sunvisor (four retaining tabs).
2. Remove the two torx screws, pull out the right sunvisor, disconnect the vehicle connector, and remove the sunvisor.

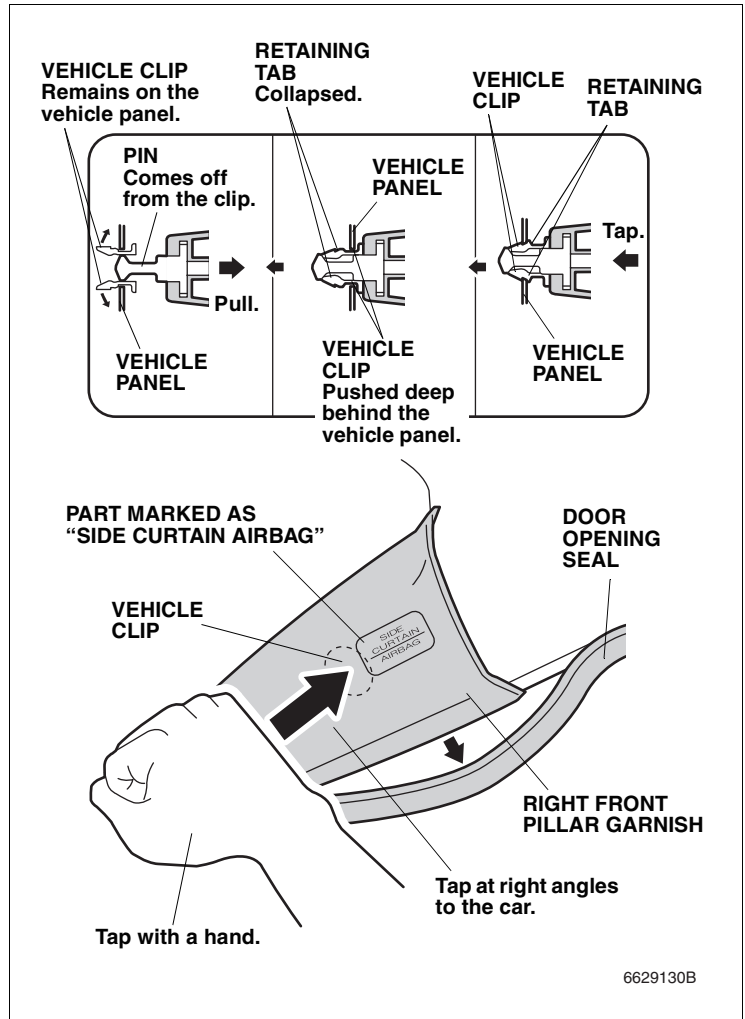


<Not equipped vehicle connector>

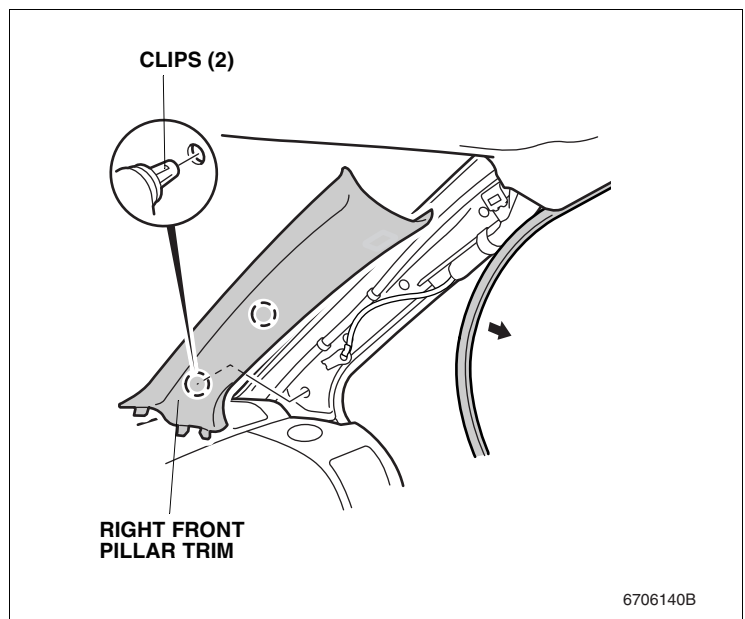
- Remove the right sunvisor from the holder. Remove the cover from the right sunvisor (four retaining tabs).
- Remove the two torx screws, and remove the sunvisor.



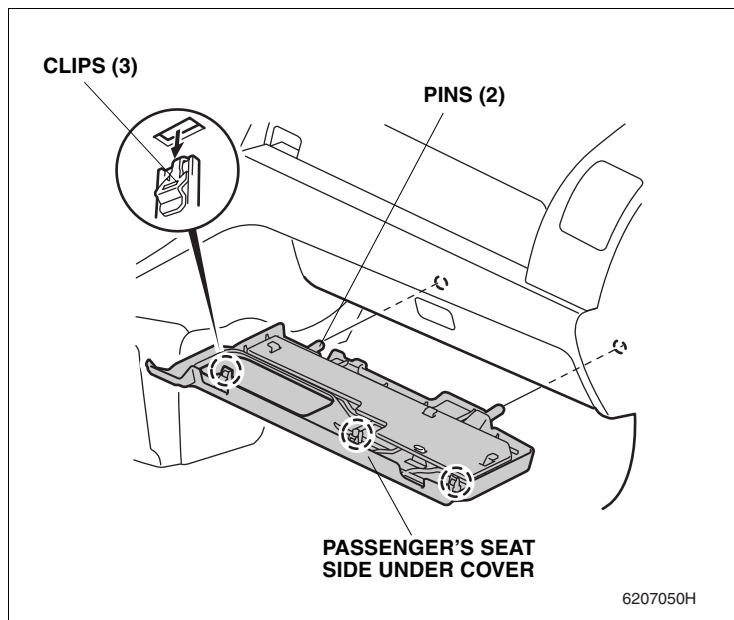
3. Take off the front door opening seal. Push the clip into the vehicle side by striking the top of the front pillar trim in the part marked as "SIDE CURTAIN AIRBAG" with your hand perpendicularly to the vehicle. Then, remove the clip.



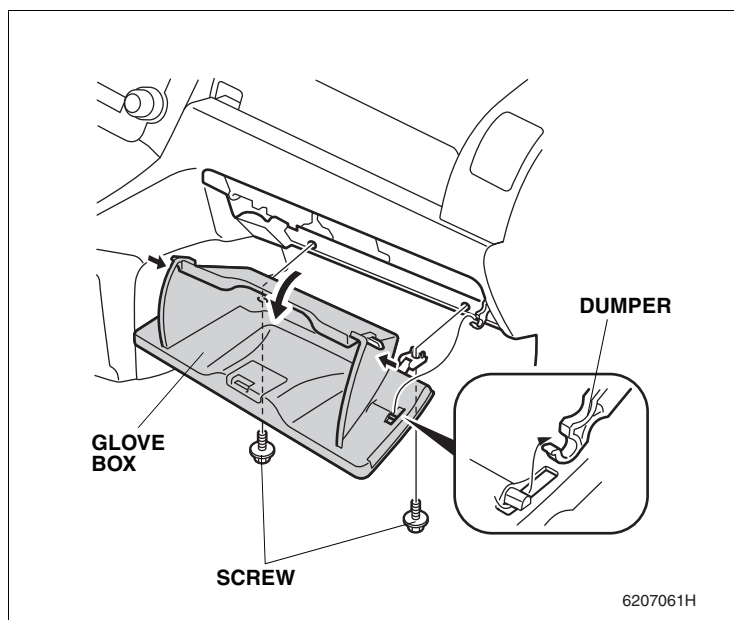
4. Remove the right front pillar trim (two clips).



5. Remove the passenger's seat side under cover (three clips and two pins).

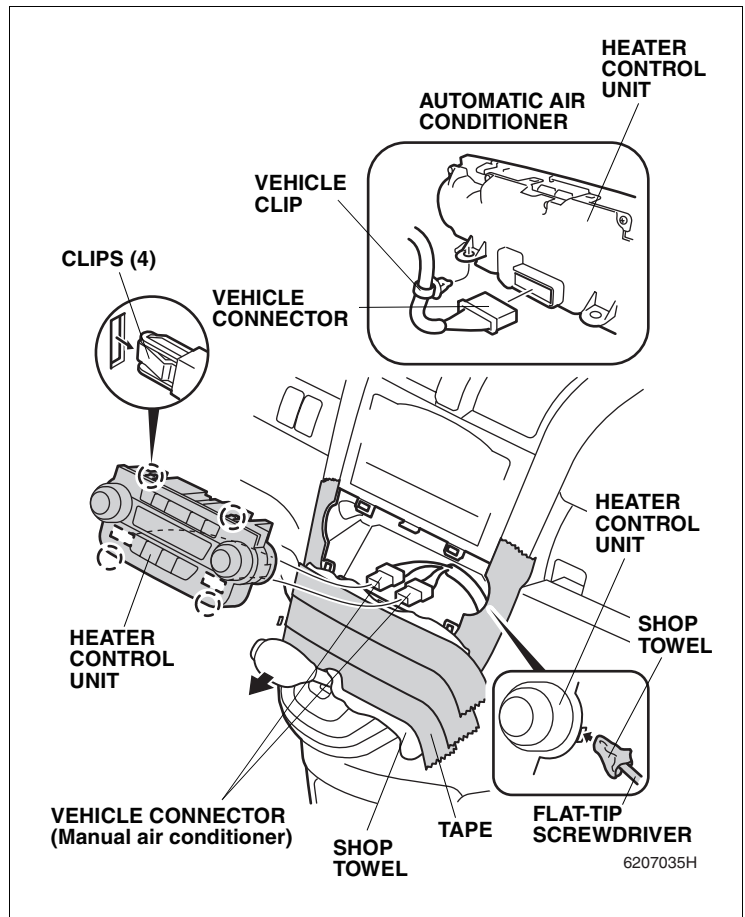


6. Remove the glove box (dumper and two screws).

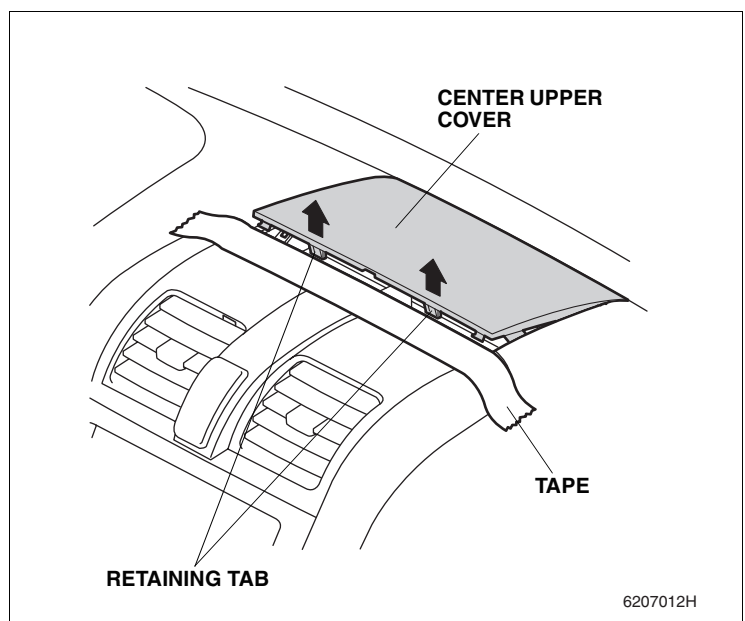


7. Attach the tape to the center panel with shop towel as shown. Using a flat-tip screwdriver wrapped with shop towel, remove the heater control unit (four clips and disconnect the vehicle connector).

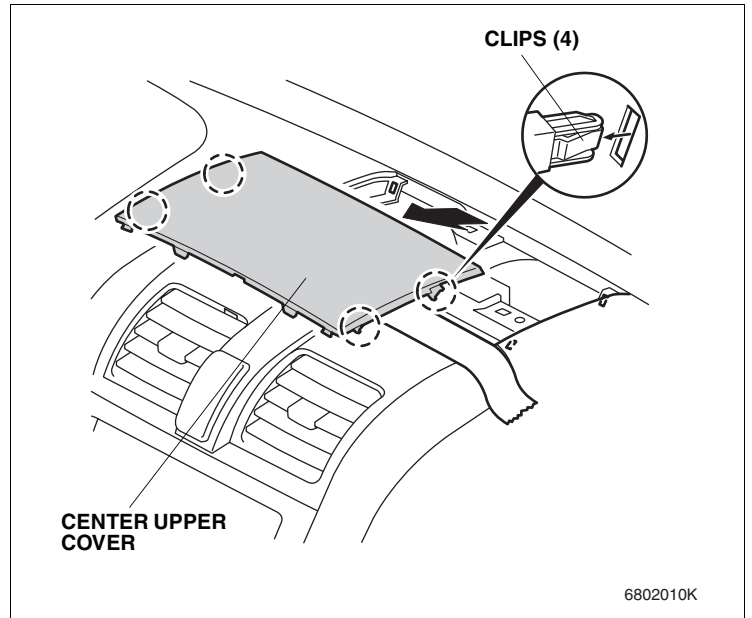
- Insert the ignition key in the shift lock release hole, and move the shift lever to the "1" position while pressing down on the key.
- Manual air conditioner: two vehicle connectors.
Automatic air conditioner: one vehicle connector and one vehicle clip.



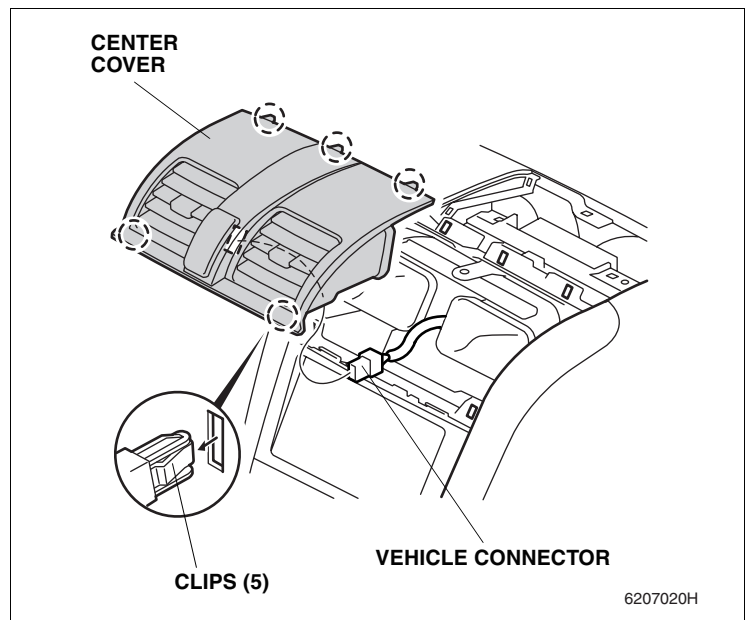
8. Attach the tape to the center cover as shown.
9. Using a flat-tip screwdriver, release the two retaining tabs of the center upper cover.



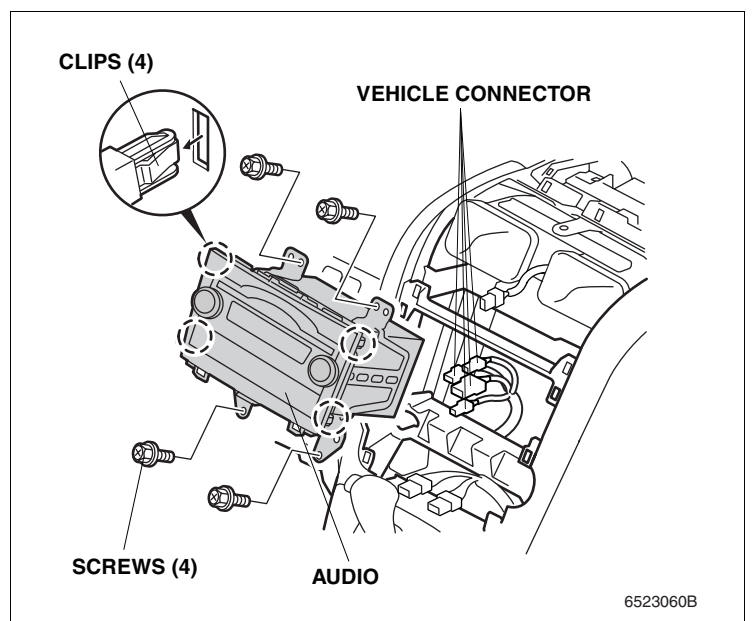
10. Remove the center upper cover (four clips).



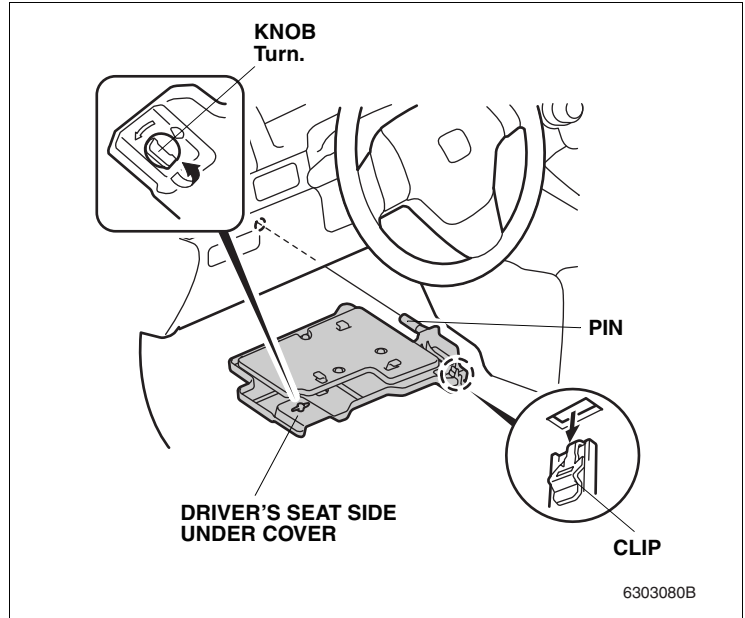
11. Remove the center cover (five clips and disconnect a vehicle connector).



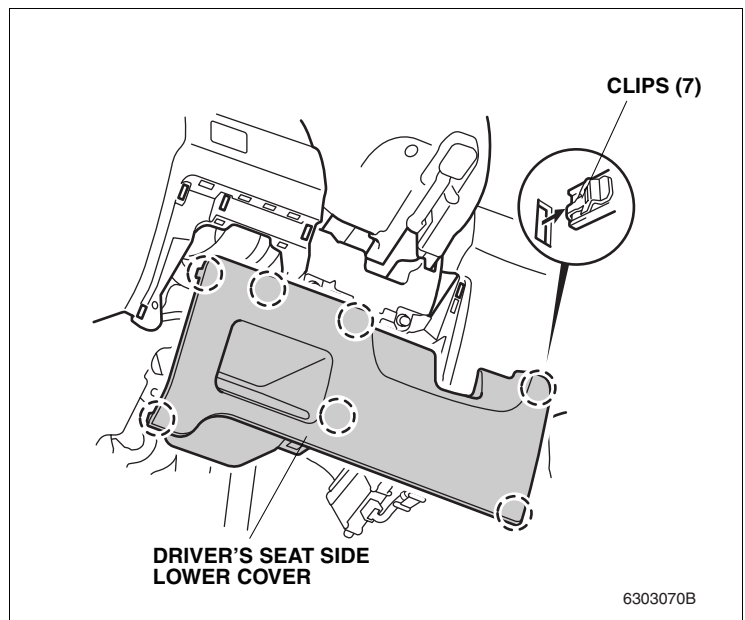
12. Remove the audio (four screws, four clips and disconnect the vehicle connectors).



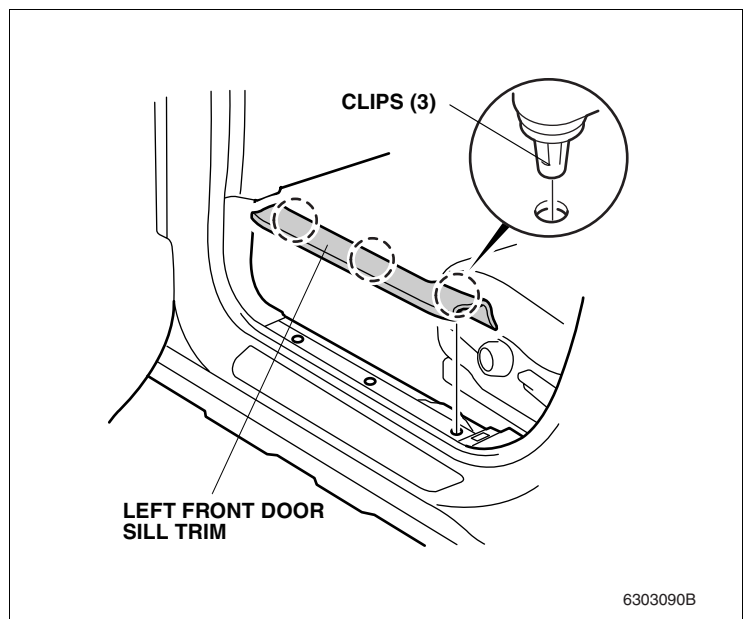
13. Turn the knob of the driver's seat side under cover. Remove the driver's seat side under cover (a clip and a pin).



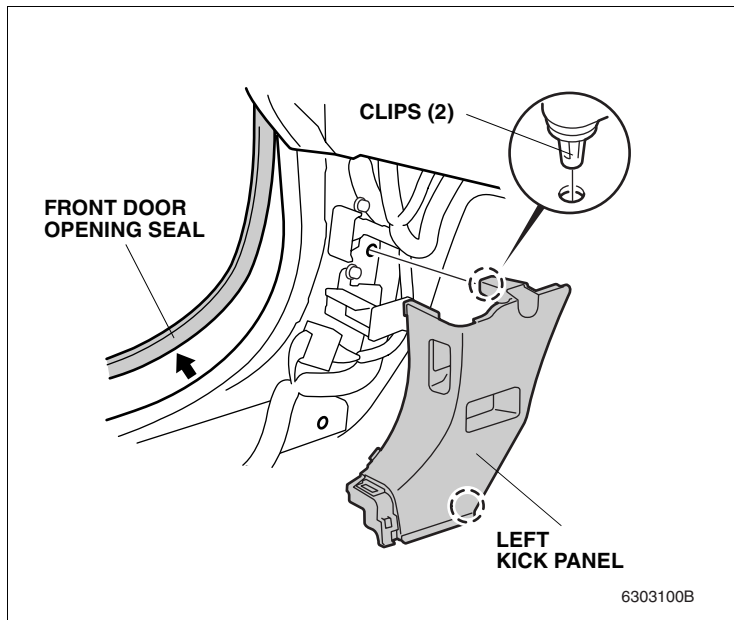
14. Remove the driver's seat side lower cover (seven clips).



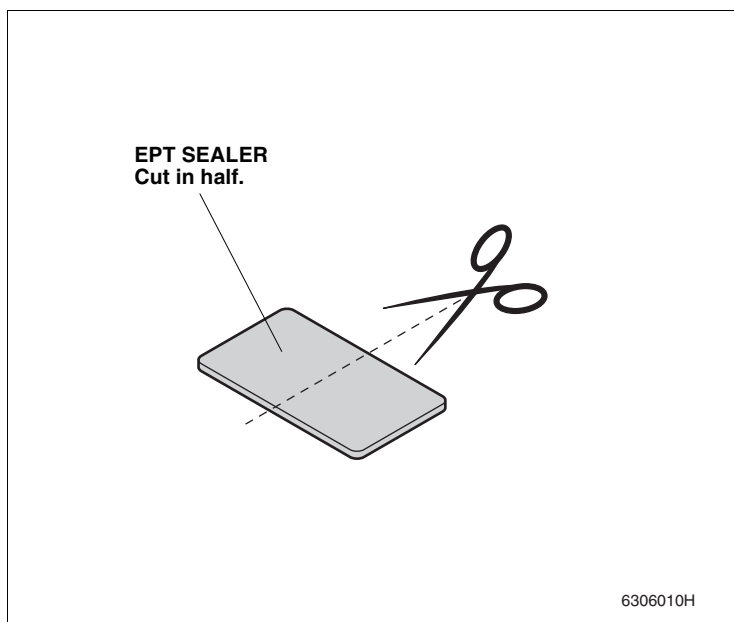
15. Remove the left front door sill trim (three clips).



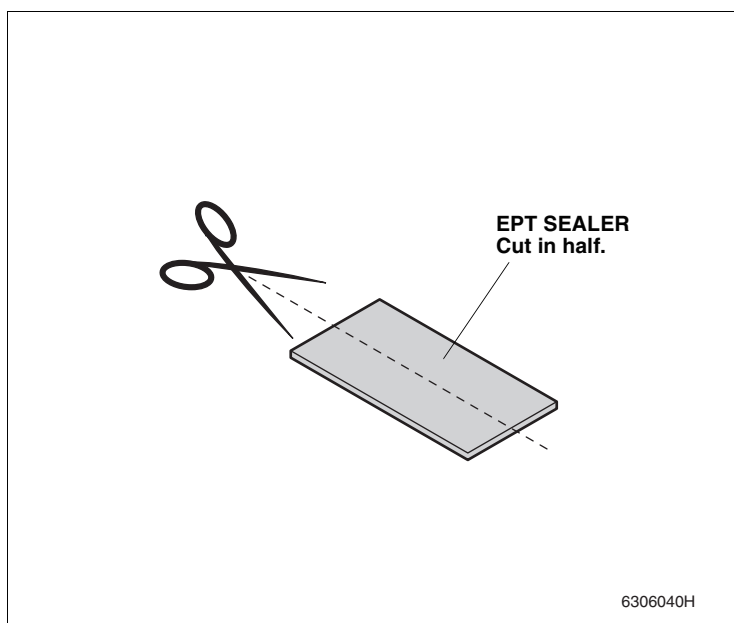
- 16. Take off the front door opening seal.
- 17. Remove the left kick panel (two clips).



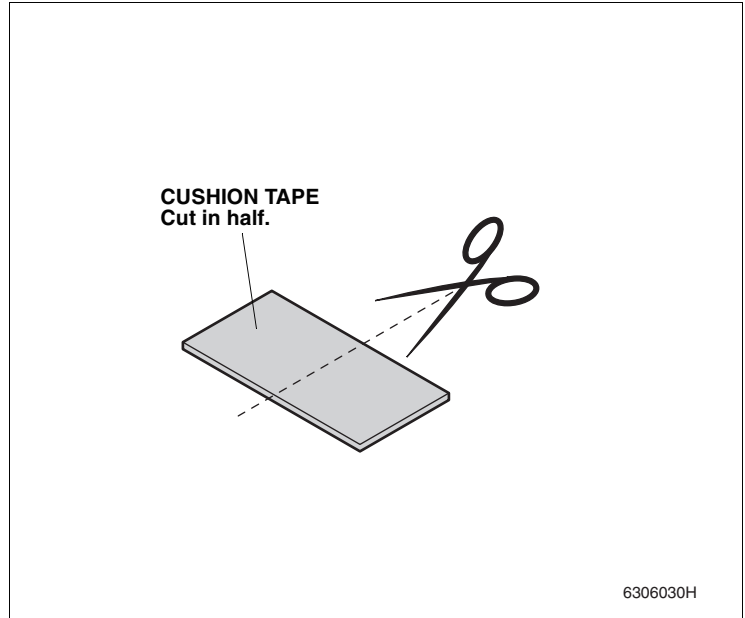
- 18. Cut a EPT sealer in half as shown.



- 19. Cut a EPT sealer in half as shown.

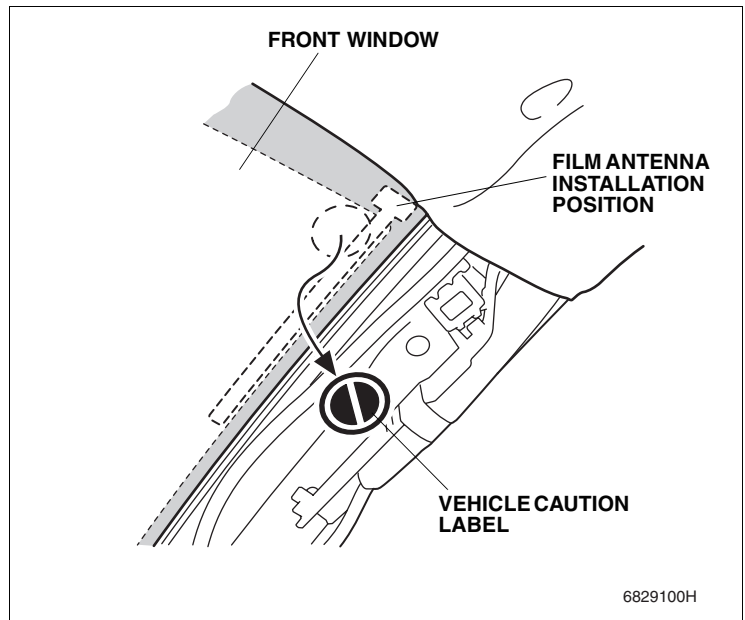


20. Cut a cushion tape in half as shown.



<When the vehicle caution label interferes with the film antenna>

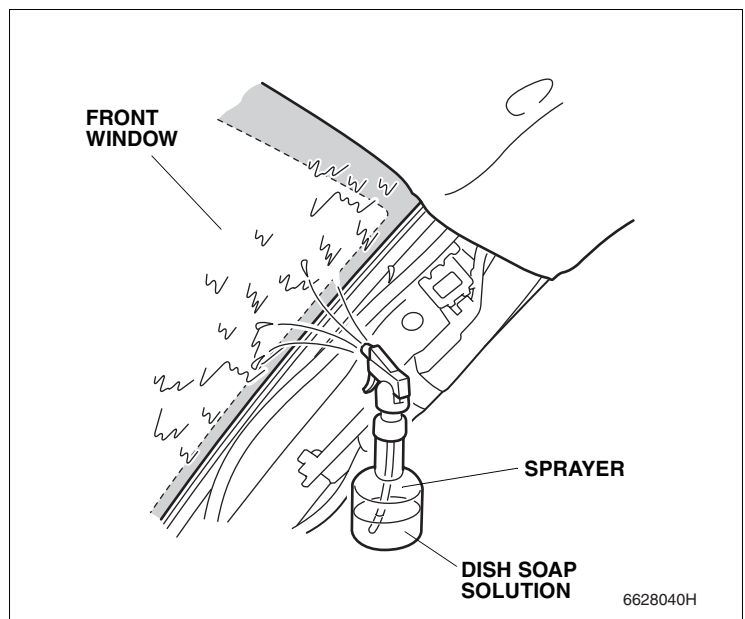
21. Position the film antenna on the front window by referring to the step 25. Remove the vehicle caution label if it interferes with the film antenna.



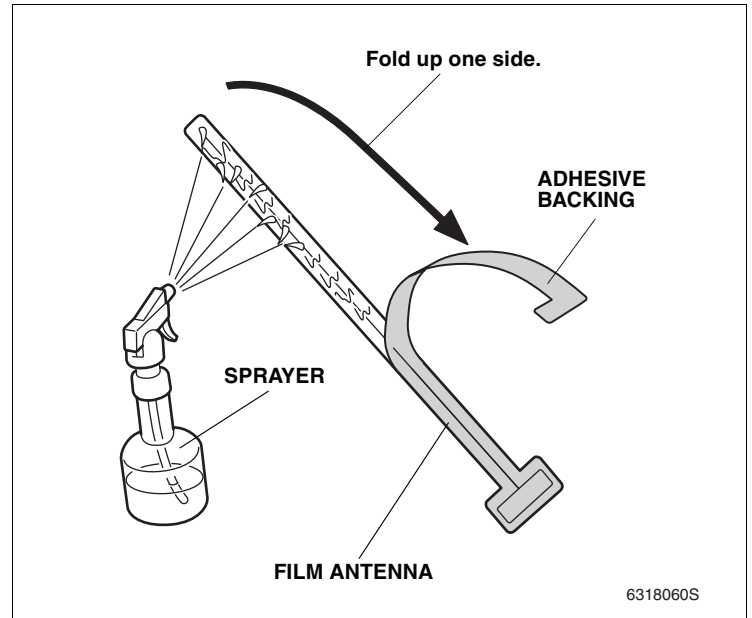
22. Using the isopropyl alcohol on a shop towel, thoroughly clean the inside of the front window as shown.

23. Spray the dish soap solution onto the cleaned area.

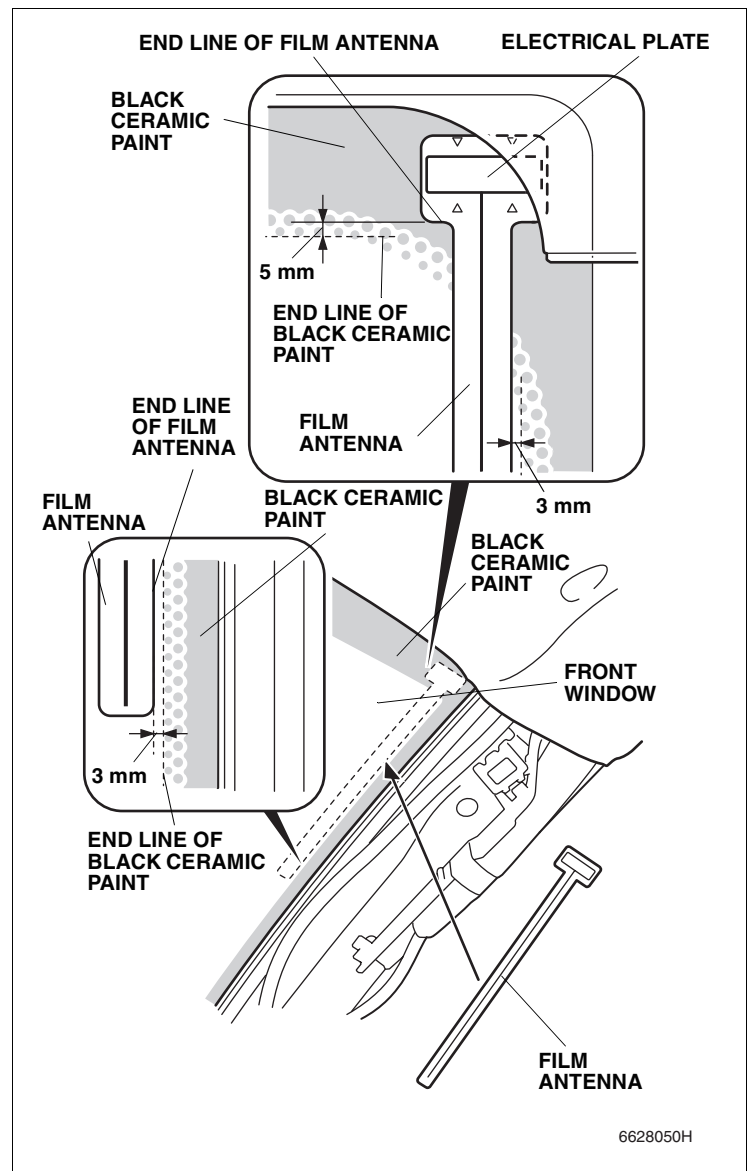
- Dish Soap Solution
SUMMER - water: dish soap = 100:1
WINTER - water: dish soap = 500:1



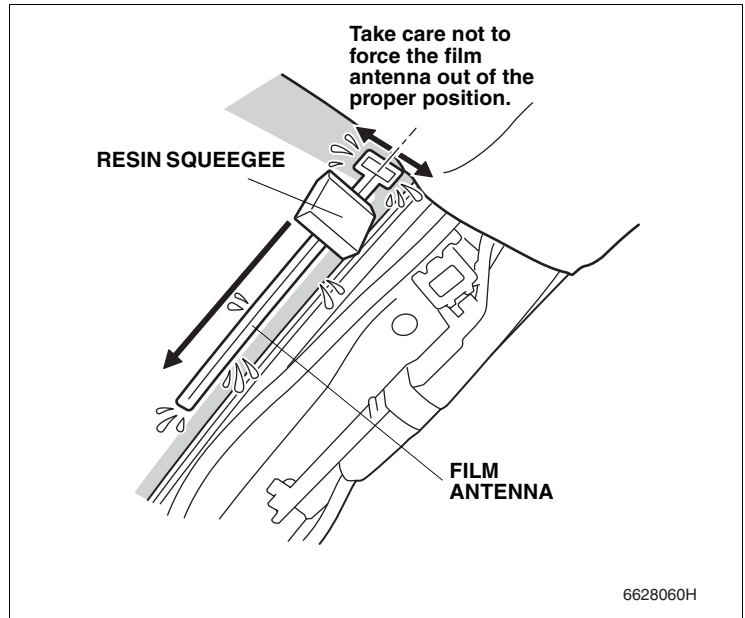
24. Fold up one side of the backing of the film antenna, then spray the dish soap solution to the adhesive surface of the film antenna.



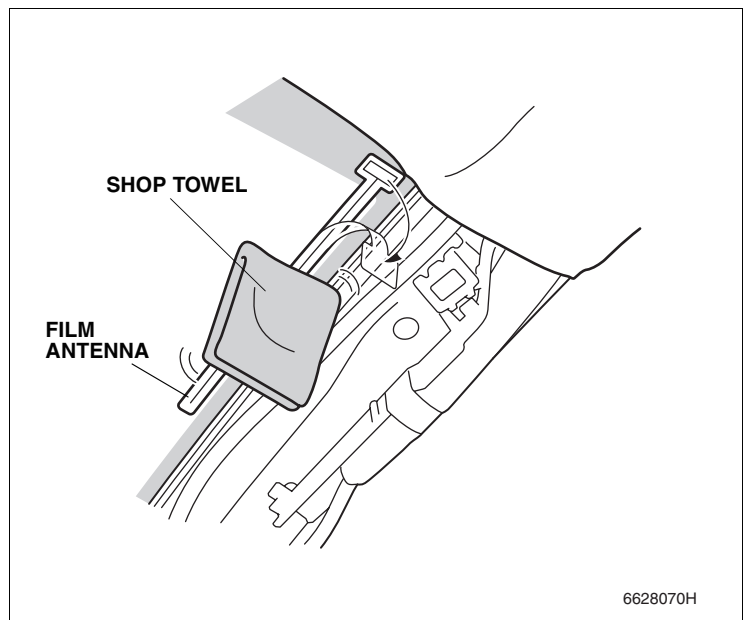
25. Attach the film antenna to the inside of the front window. Align the film antenna with end line of the black ceramic paint as shown, and Align the end line of the film antenna with the end line of the black ceramic paint at a distance of 5 mm.



26. Spray again the dish soap solution onto the film antenna.
27. Squeeze air out of between the film antenna and the front window taking care not to force the film antenna out of the proper position.

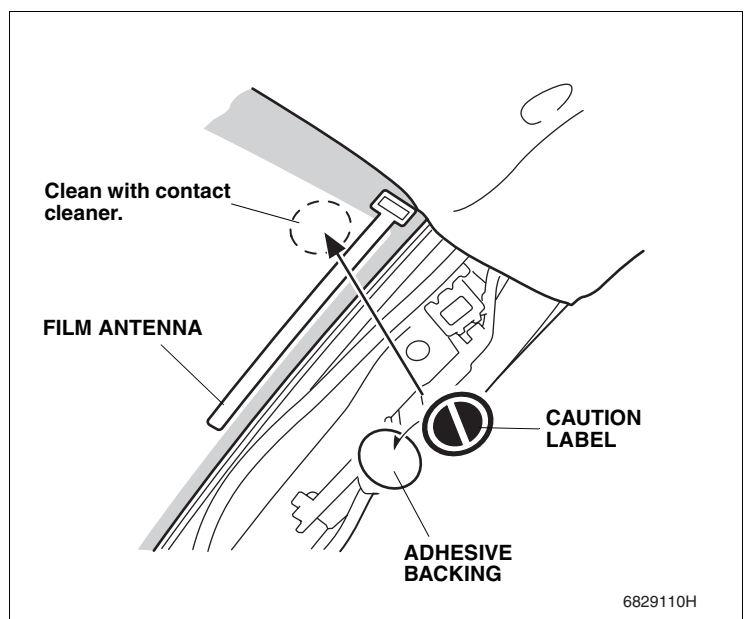


28. Wipe off the excess solution with a shop towel and dry up perfectly.

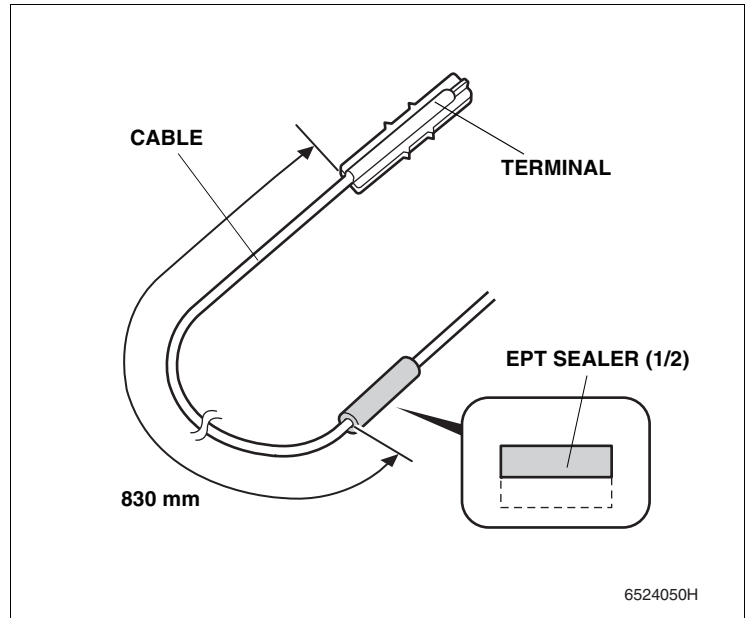


<When the caution label removed>

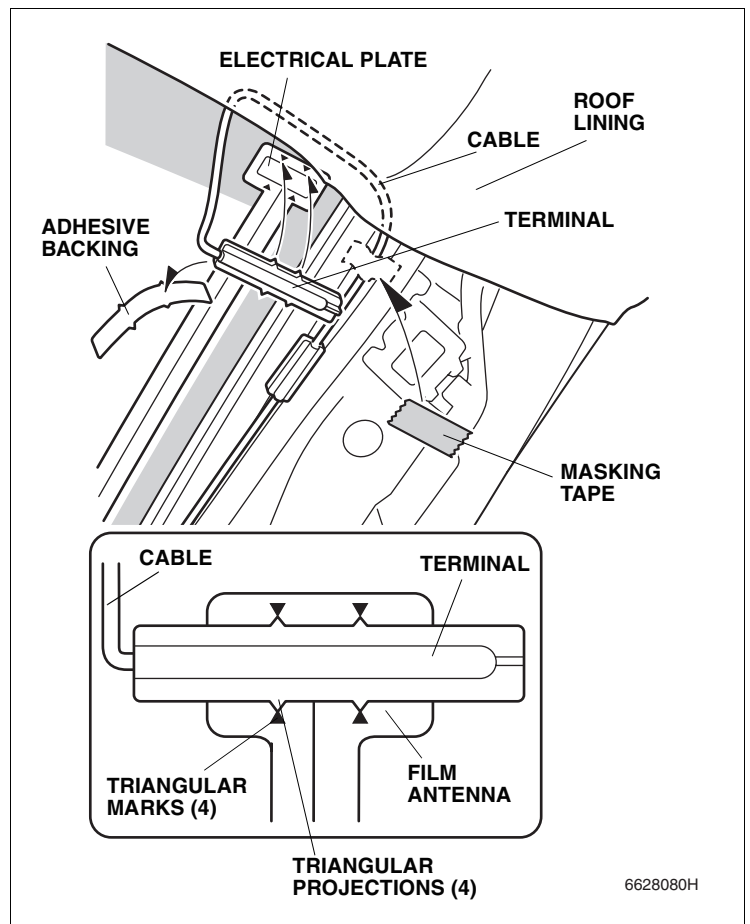
29. Using contact cleaner, clean the front window in the area where the caution label does not interfere the film antenna. Attach the caution label to the front window in the area you just cleaned.



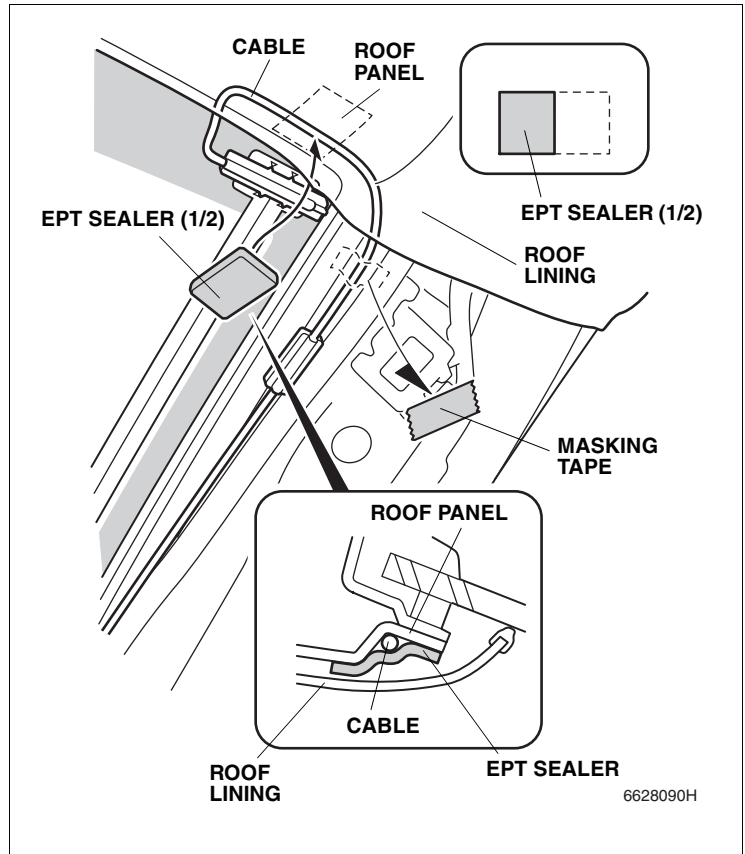
30. Wrap a EPT sealer cutted in half to the cable as shown.



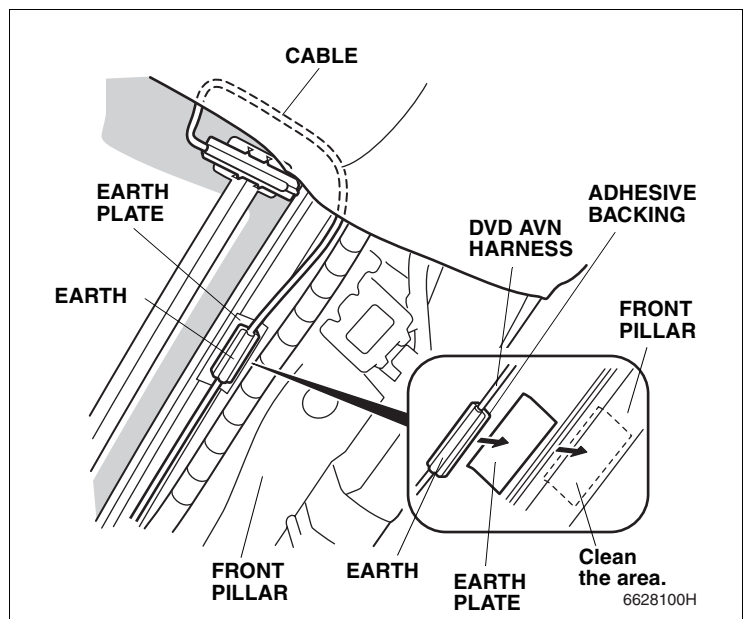
31. Attach the terminal of the cable to the electrical plate of the film antenna aligning its four triangular projections with the four triangular marks of the film antenna.
32. Route the cable through between the roof panel and roof lining as shown. And attach the masking tape to fix the cable to vehicle panel temporarily.



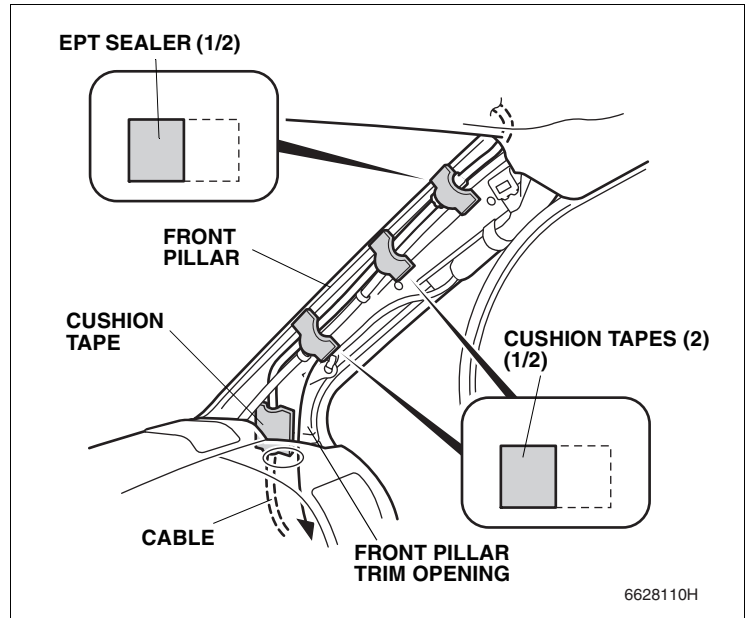
33. Using isopropyl alcohol on a shop towel, clean the area where the EPT sealer will attach.
34. Attach the cable to the roof panel with a EPT sealer cutted in half as shown.
35. Remove the masking tape attached in step 32.



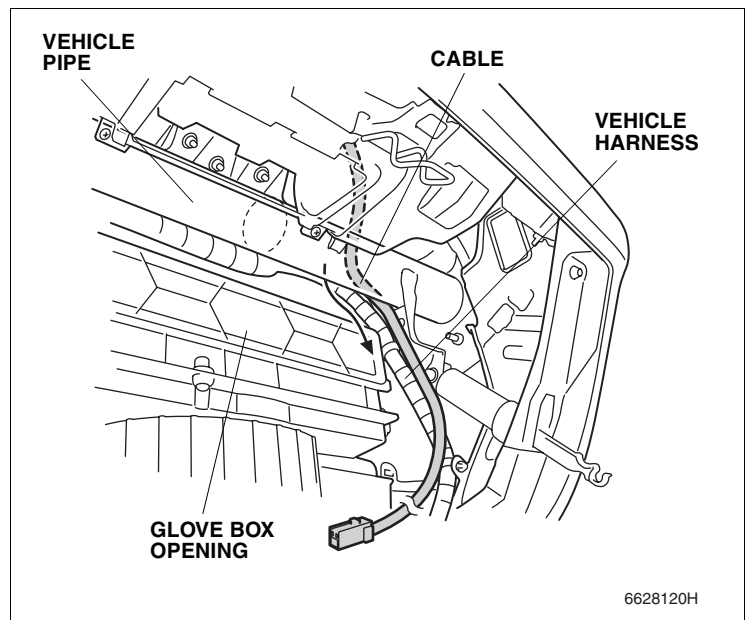
36. Route the cable along the front pillar as shown, and using isopropyl alcohol on a shop towel, clean the area where the earth plate will attach.
37. Attach the earth plate on the front pillar you just cleaned, and attach the earth of the cable on the earth plate.



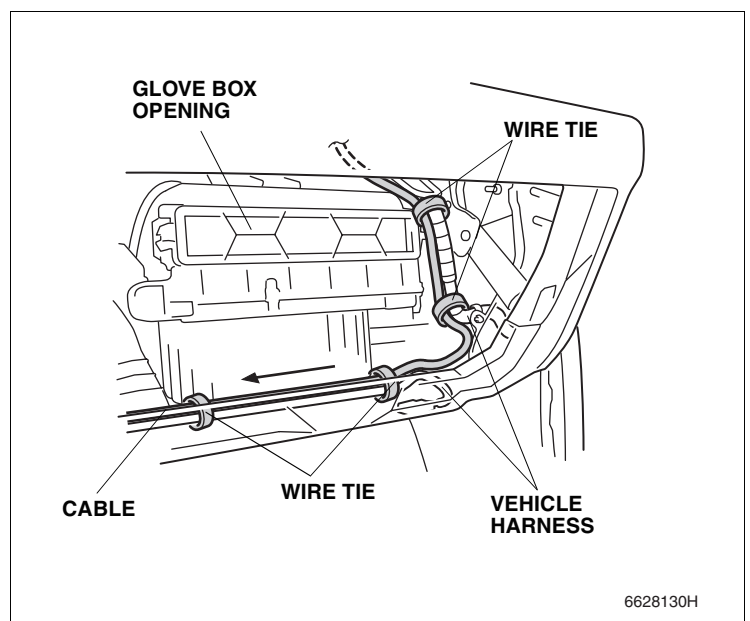
38. Route the cable along the front pillar as shown, and using isopropyl alcohol on a shop towel, clean the area where the EPT sealer and cushion tape will attach. Through the cable into the front pillar trim opening.
39. Secure the cable on the front pillar with the two cushion tapes cutted in half and a EPT sealer cutted in half and a cushion tape.



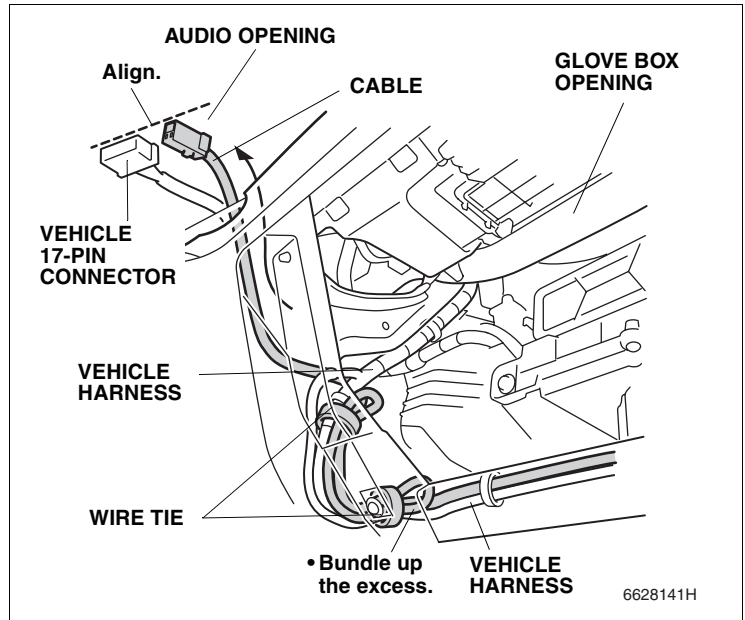
40. Pull out the cable at the glove box opening, and route the cable along the vehicle harness as shown.



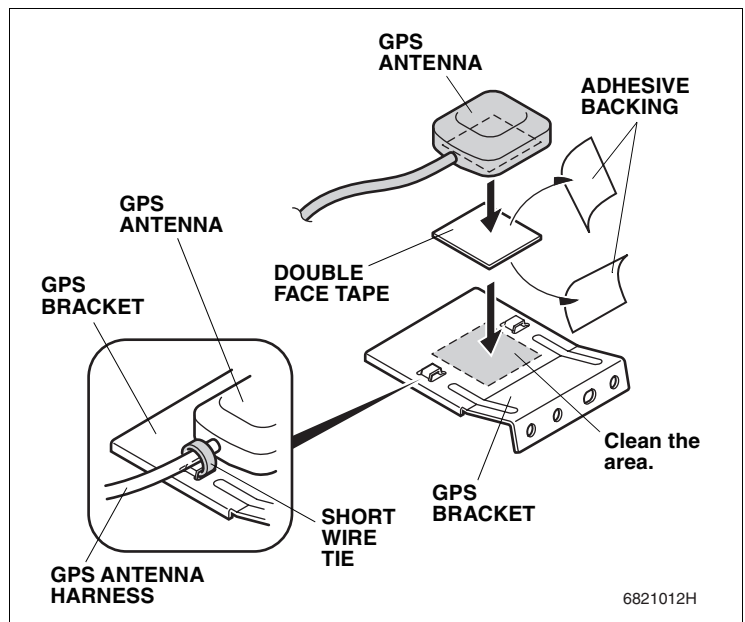
41. Route the cable along the vehicle harness to the right side, and secure it to the vehicle harness with four wire ties.



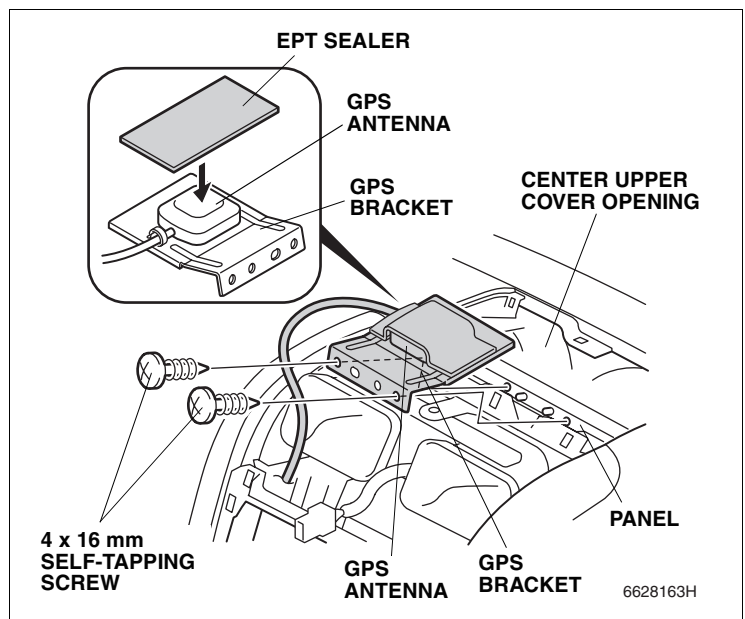
42. Route the cable to the audio opening from the glove box opening as shown. Align the cable connector with the vehicle 17-pin connector, and bundle up the excess cable and secure them to the vehicle harness with the two wire ties.



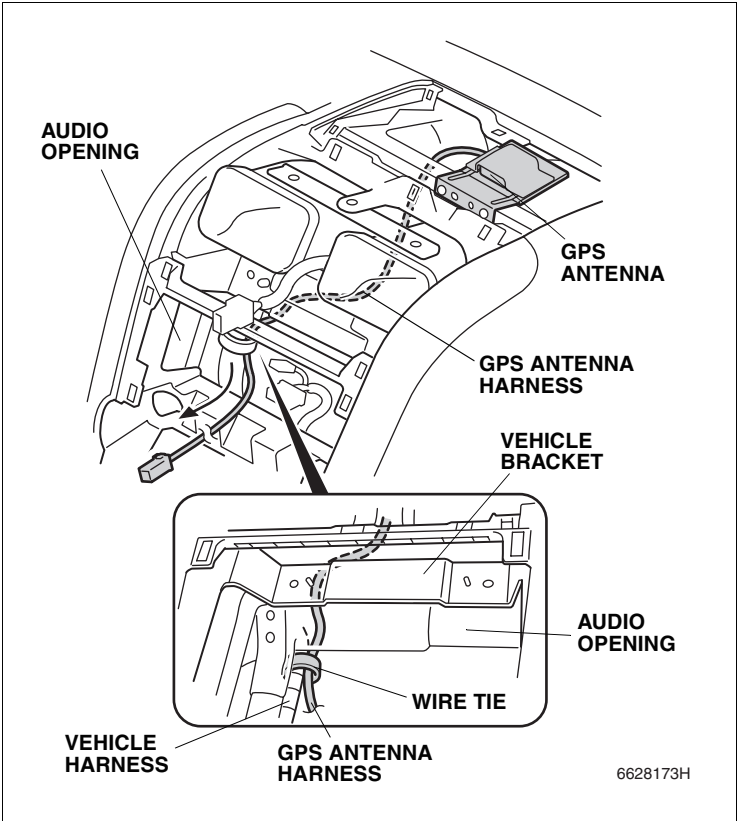
43. Clean the area where the double face tape will attach. Remove the adhesive backings from the double face tape, and attach GPS antenna to the GPS bracket.
44. Secure the GPS antenna harness to the GPS bracket with a short wire tie as shown.



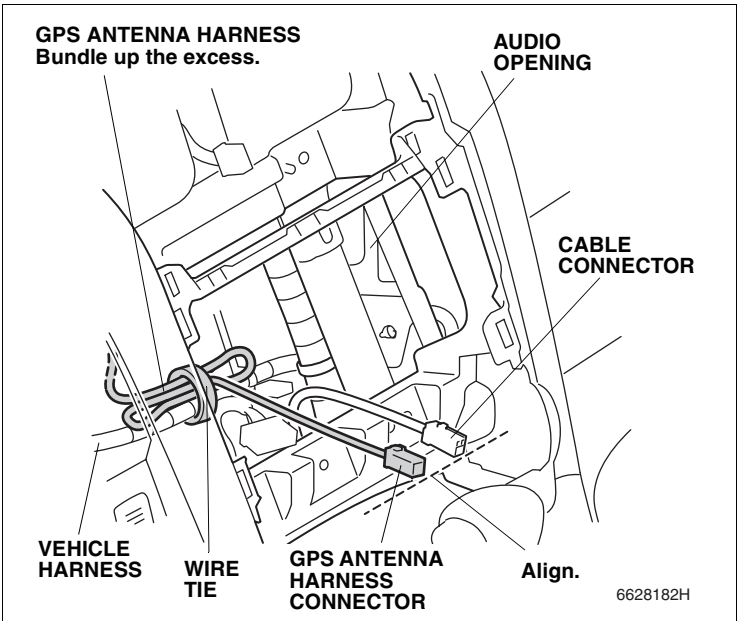
45. Clean the area where the EPT sealer will attach. Attach the EPT sealer onto the GPS antenna and GPS bracket.
46. Install the GPS bracket attached the GPS antenna to the panel in the center upper cover opening with the two 4 x 16 mm self-tapping screws.



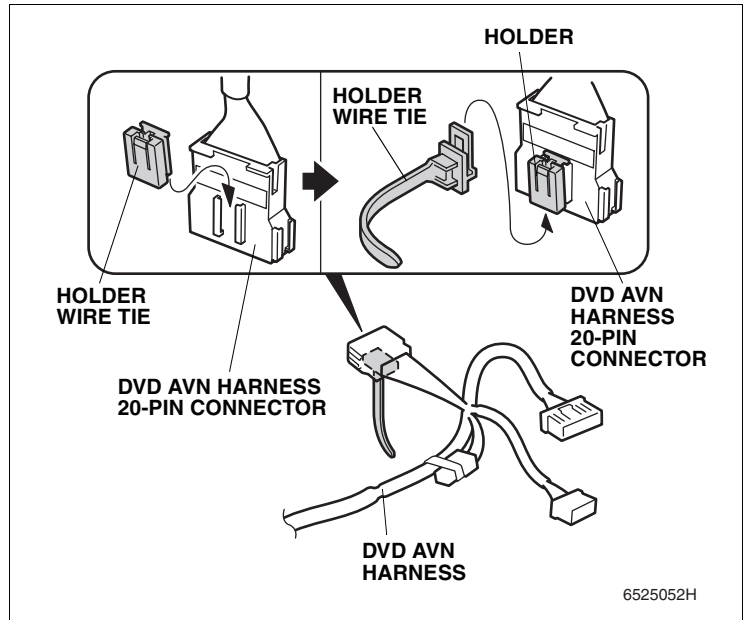
- 47. Route the GPS antenna harness to the audio opening as shown.
- 48. Secure the GPS antenna harness to the vehicle harness with a wire tie.



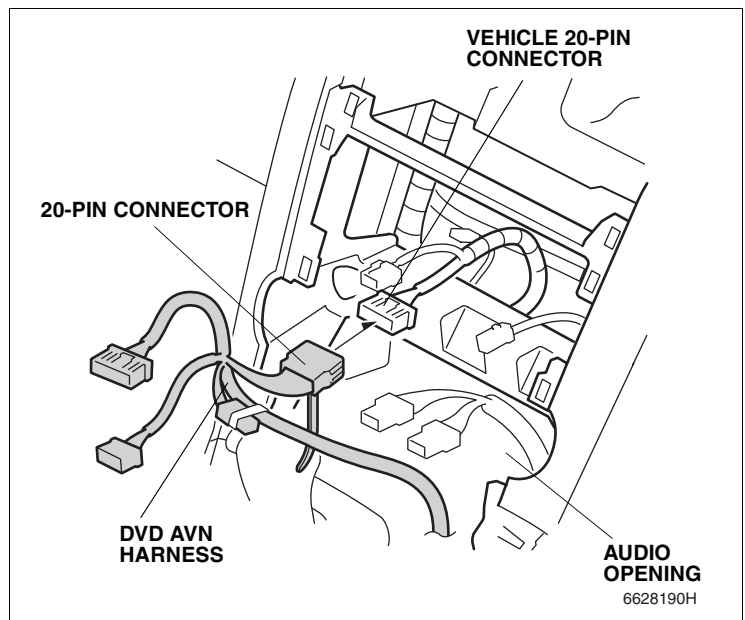
- 49. Align the GPS antenna harness connector with cable connector, bundle up the excess GPS antenna harness, and secure them to the vehicle harness with a wire tie.



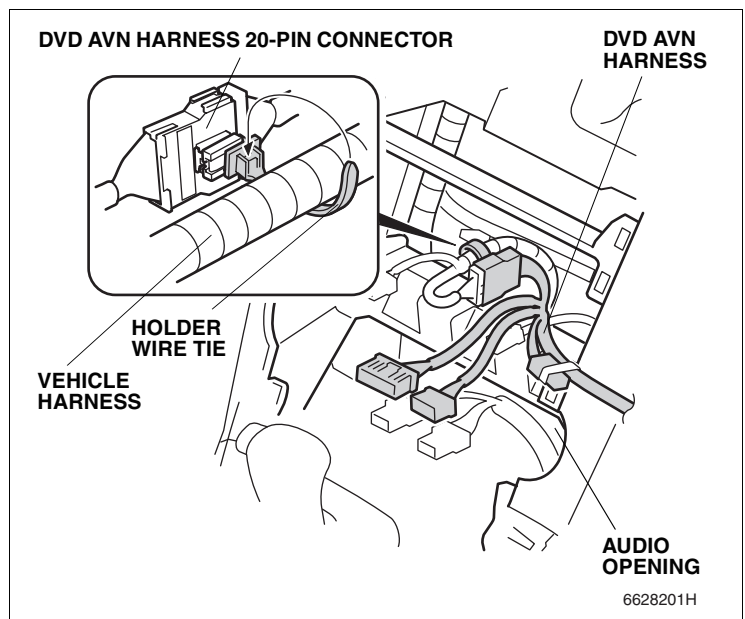
50. Install the holder to the DVD AVN harness 20-pin connector.
51. Set the holder wire tie to the holder installed DVD AVN harness 20-pin connector.



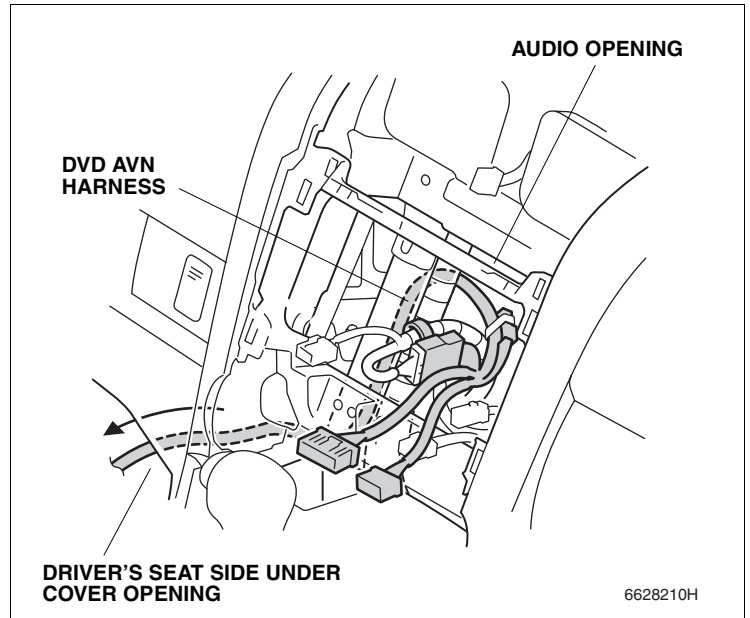
52. Plug the DVD AVN harness 20-pin connector to the vehicle 20-pin connector.



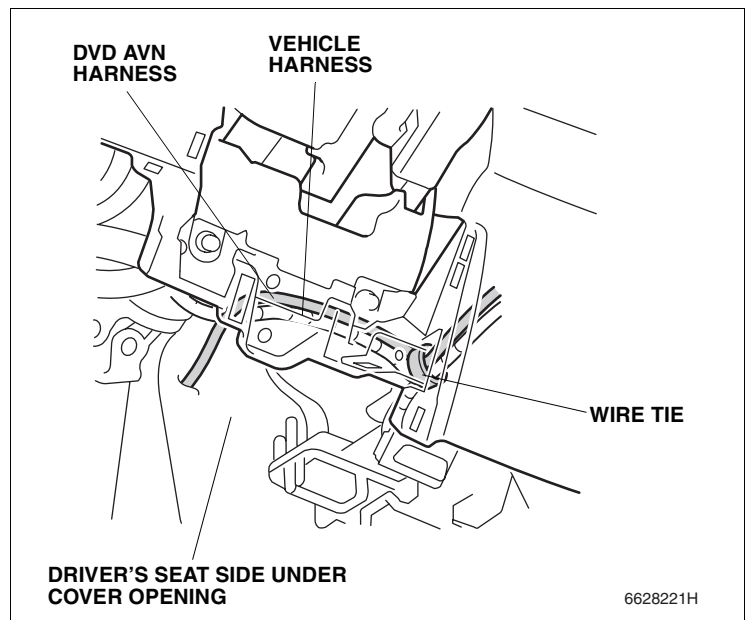
53. Install the holder wire tie to the vehicle harness in the audio opening as shown.



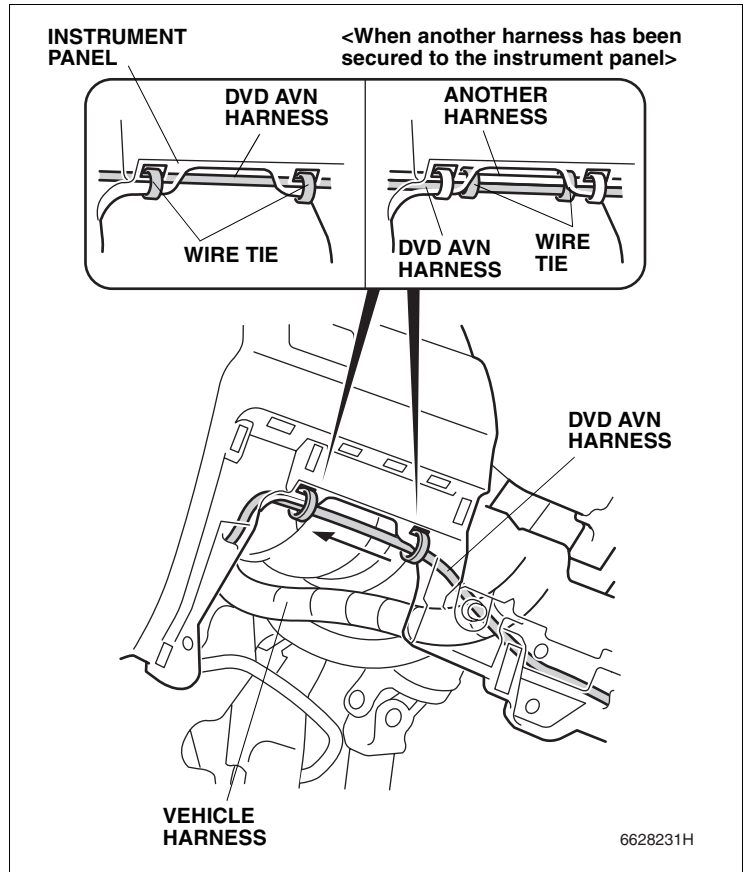
54. Route the DVD AVN harness to the driver's seat side under cover opening from the audio opening as shown.



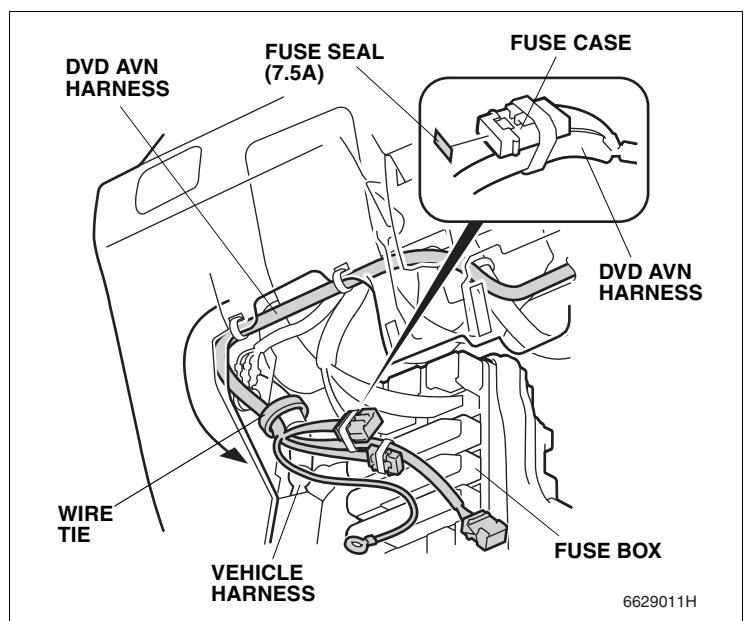
55. Route the DVD AVN harness along the vehicle harness to the right side, and secure it to the vehicle harness with a wire tie.



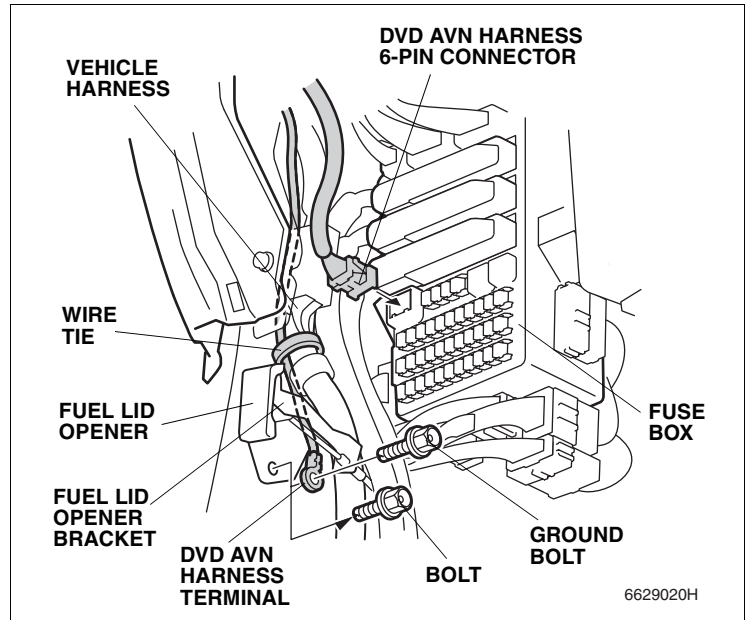
56. Secure DVD AVN harness to the vehicle harness with a wire tie.
57. Route the DVD AVN harness to the left side, and secure it to the instrument panel with the two wire ties.
 - When another harness has been secured to the instrument panel, secure the DVD AVN harness to the another harness with the two wire ties.



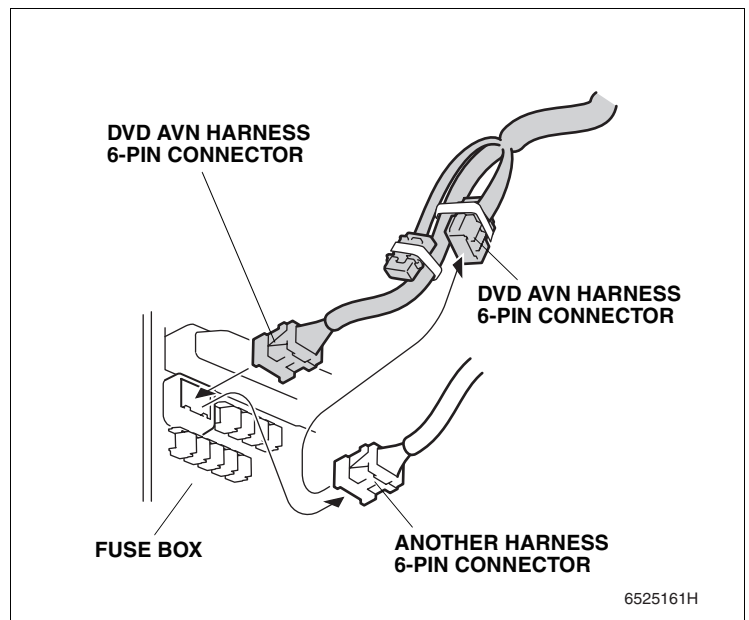
58. Attach the fuse seal (7.5A) to the fuse case of the DVD AVN harness.
59. Route the DVD AVN harness to the front of the fuse box, and secure it to the vehicle harness with a wire tie.



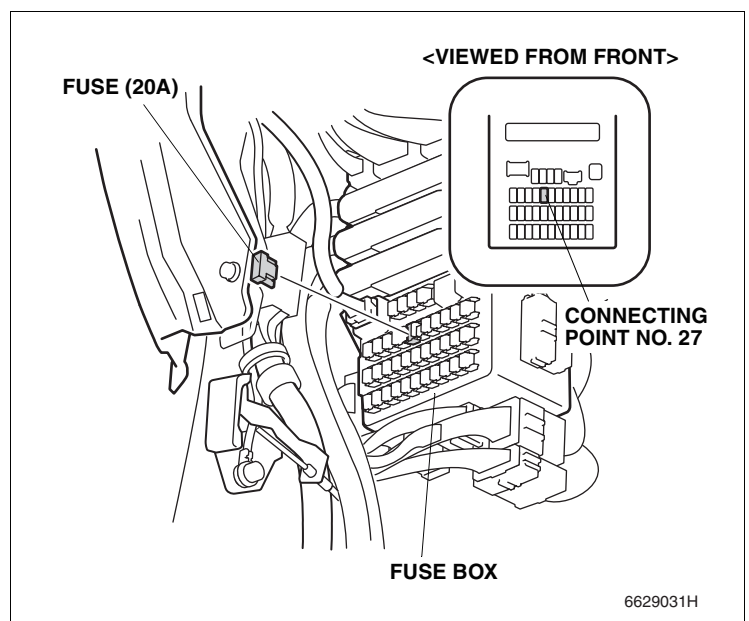
60. Plug the DVD AVN harness 6-pin connector into the fuse box.
61. Remove the bolt from the fuel lid opener, and install the DVD AVN harness terminal with ground bolt as shown.
 - When route the ground wire of the DVD AVN harness, do not interfere the ground wire to the fuel lid opener bracket.
62. Secure the ground wire of the DVD AVN harness to the vehicle harness with a wire tie.



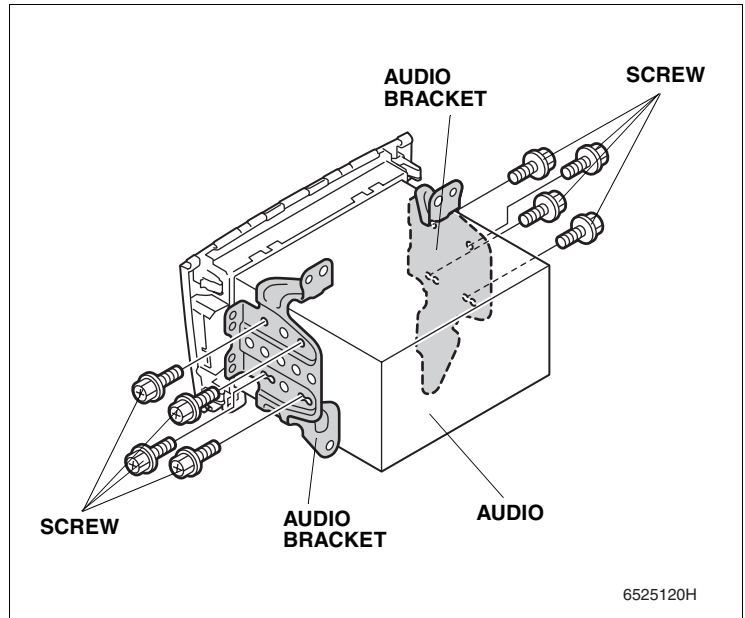
- When another harness has been connected to the fuse box, disconnect it from the fuse box and connect it to the DVD AVN harness 6-pin connector. Then, connect the DVD AVN harness 6-pin connector to the fuse box as shown.



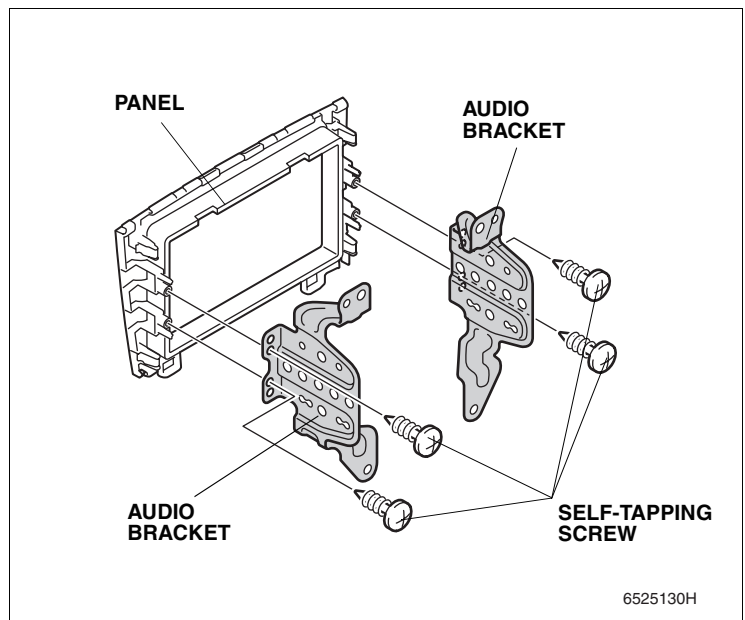
63. Connect the fuse (20A) to the fuse box.
 - The work of this step is not necessary in case the fuse (20A) has already been connected to the fuse box.



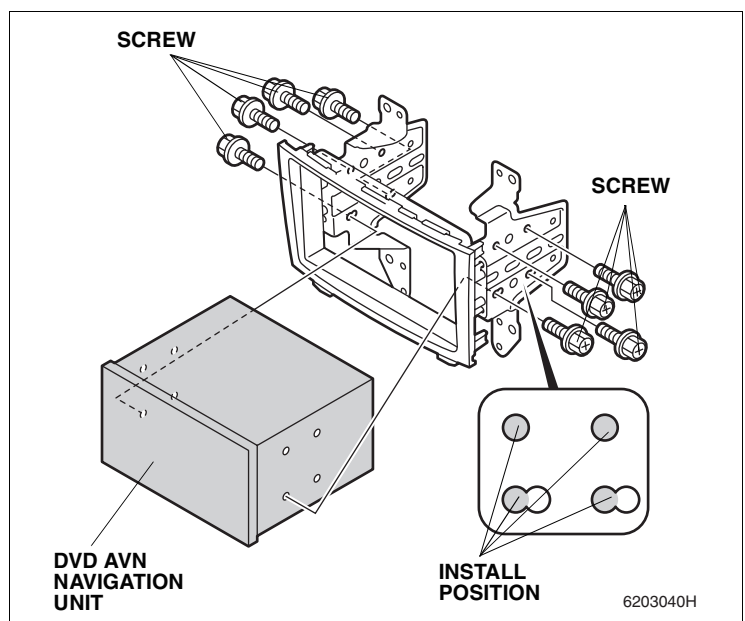
64. Remove the audio brackets from audio (eight screws).



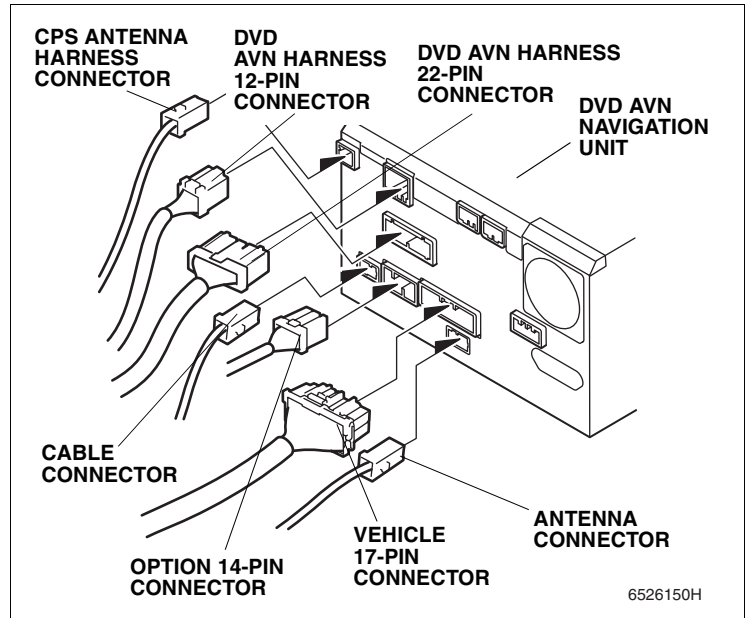
65. Install the audio brackets removed in step 64 to the panel with the four self-tapping screws.



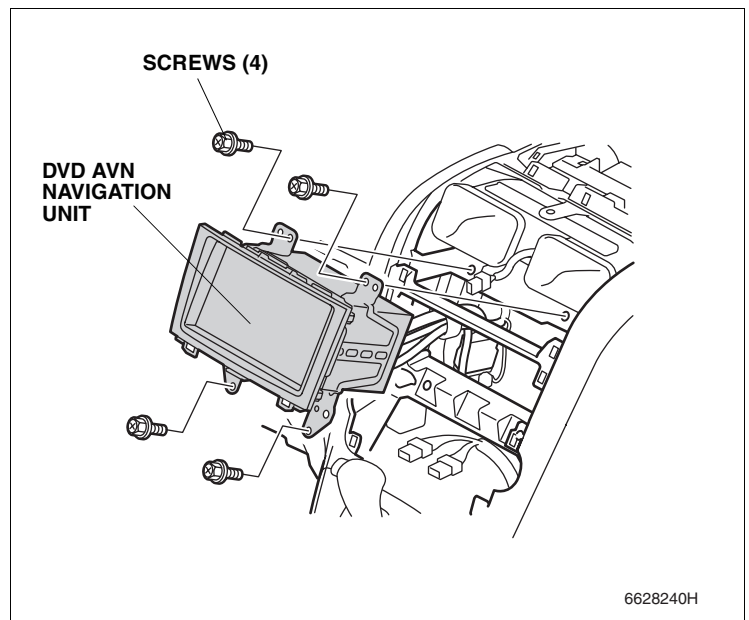
66. Insert DVD AVN navigation unit into the panel, and install it to the audio brackets with eight screws removed in step 64.



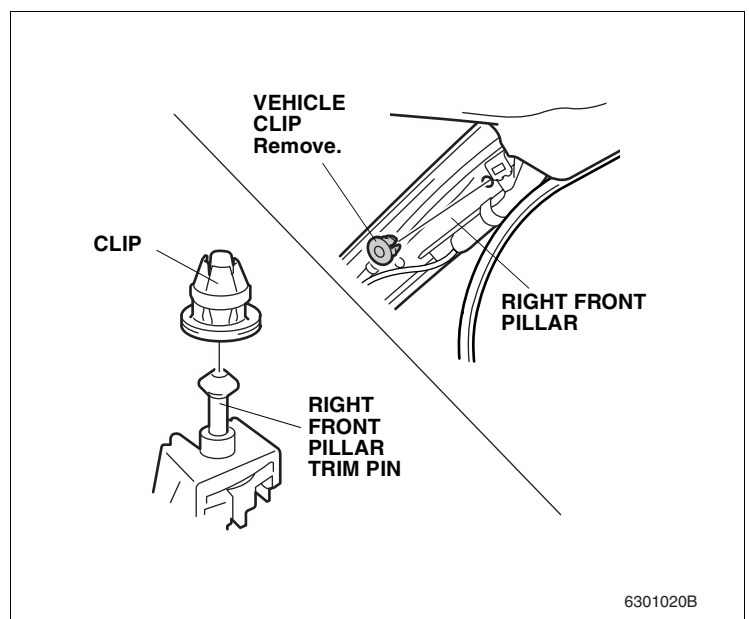
67. Plug the seven connectors into the DVD AVA navigation unit as shown.



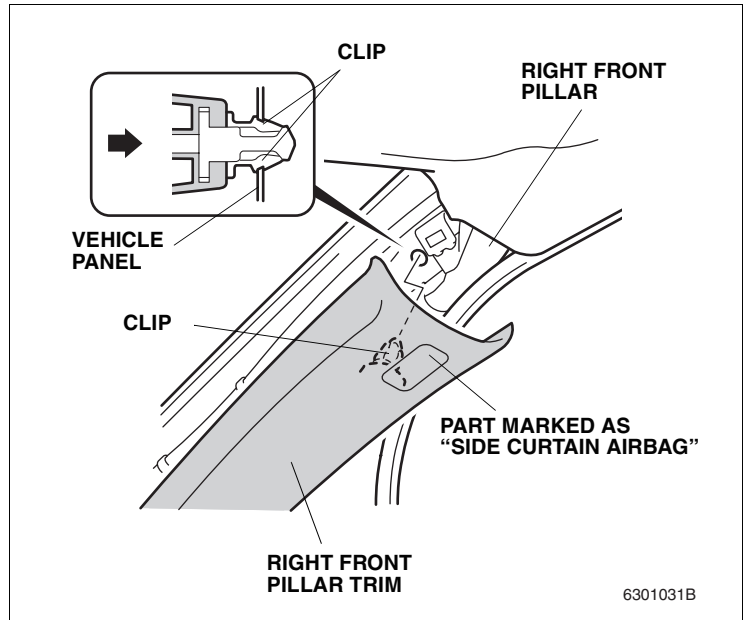
68. Install the DVD AVN navigation unit with four screws removed in step 12.



69. Remove the vehicle clip that remains on the right front pillar.
70. Check that the right front pillar trim and the pin are not damaged, and install the clip on the pin.

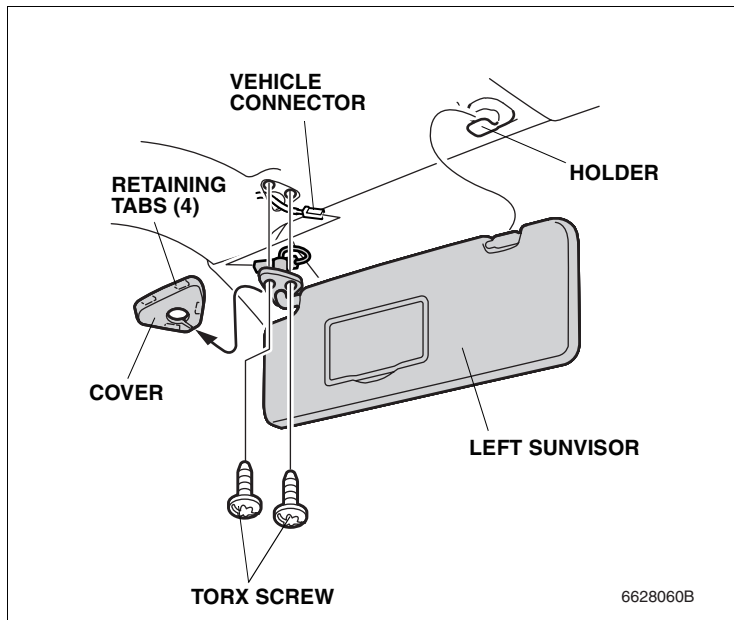


71. Position the clip at right angles to the hole in the front pillar. Install the clip by lightly pushing the right front pillar trim at the part marked as "SIDE CURTAIN AIRBAG".
- Check that the airbag is not pinched with the clip.
 - Take care not to push the front pillar trim excessively.



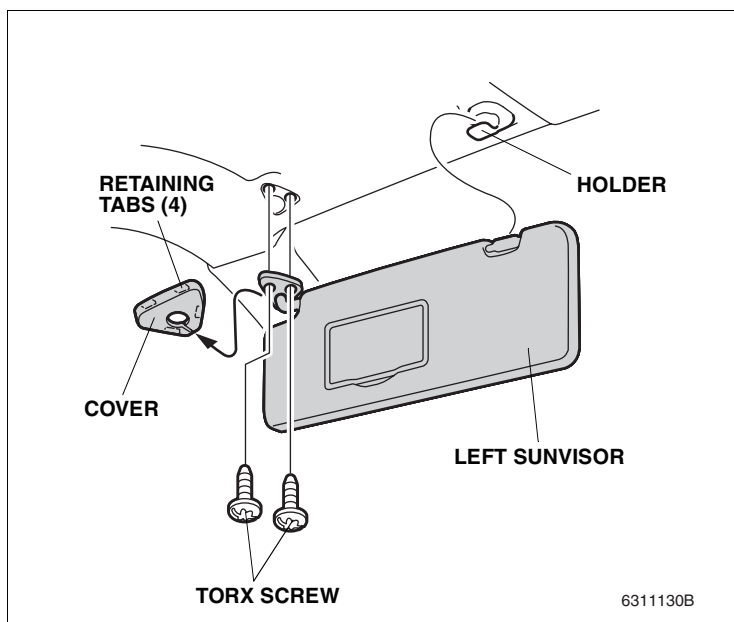
<RHD model>

1. Remove the left sunvisor from the holder. Remove the cover from the left sunvisor (four retaining tabs).
2. Remove the two torx screws, pull out the left sunvisor, disconnect the vehicle connector, and remove the sunvisor.

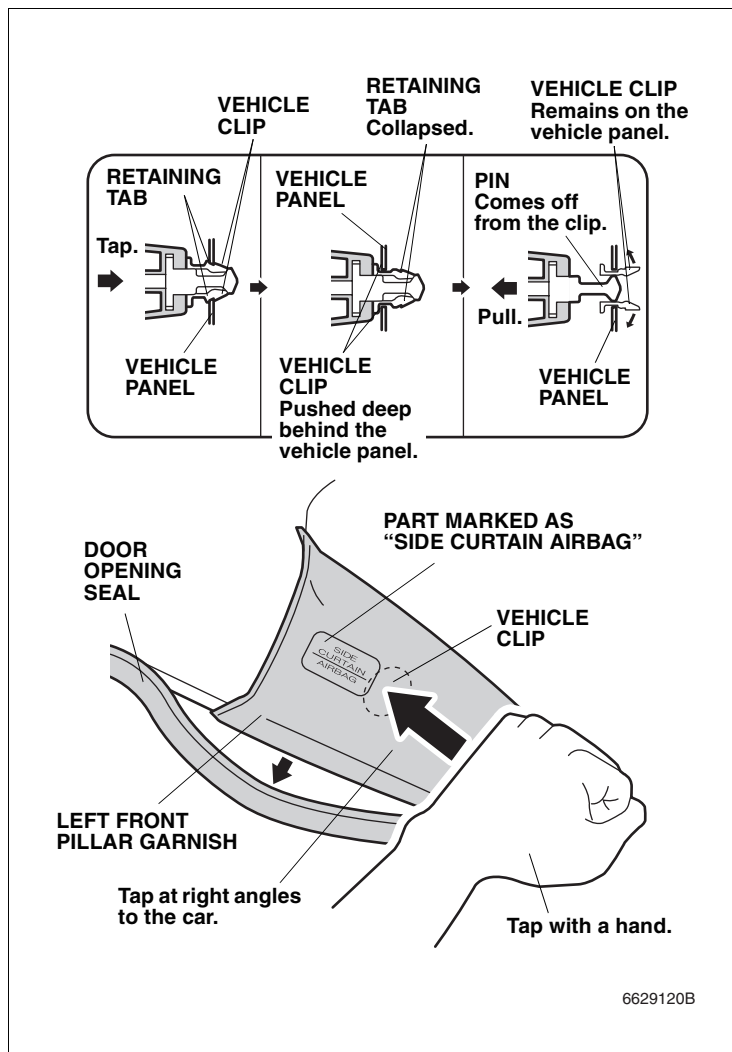


<Not equipped vehicle connector>

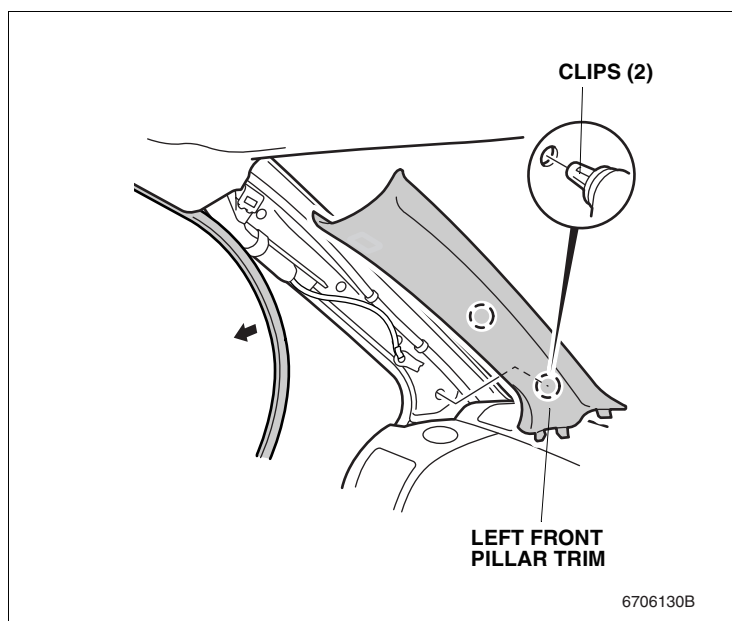
- Remove the left sunvisor from the holder. Remove the cover from the left sunvisor (four retaining tabs).
- Remove the two torx screws, and remove the sunvisor.



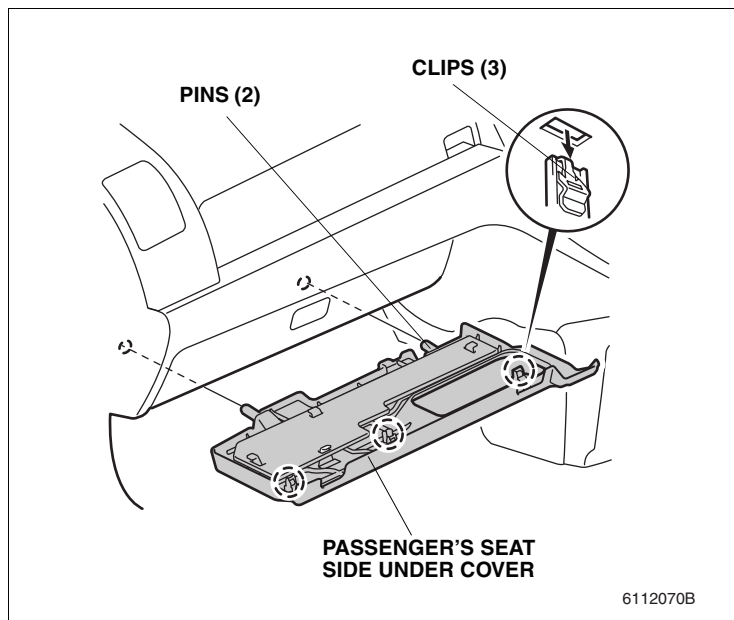
- Take off the front door opening seal. Push the clip into the vehicle side by striking the top of the front pillar trim in the part marked as "SIDE CURTAIN AIRBAG" with your hand perpendicularly to the vehicle. Then, remove the clip.



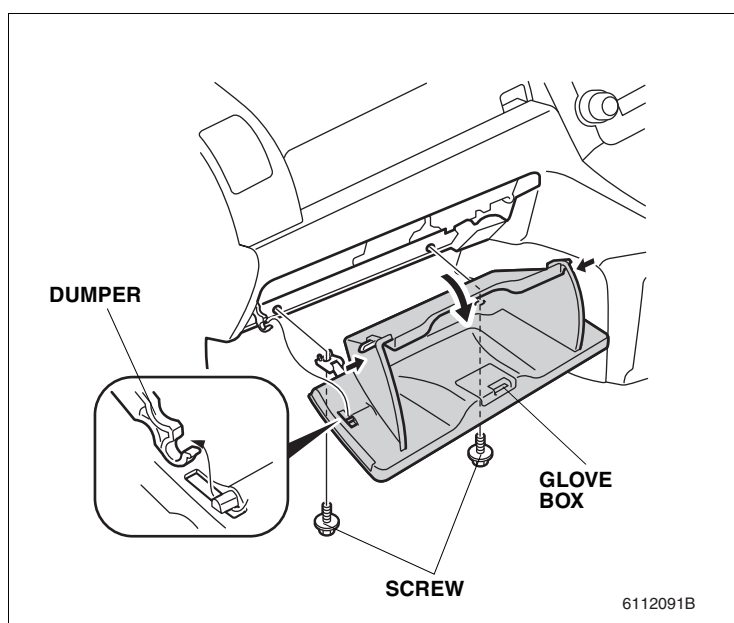
- Remove the left front pillar trim (two clips).



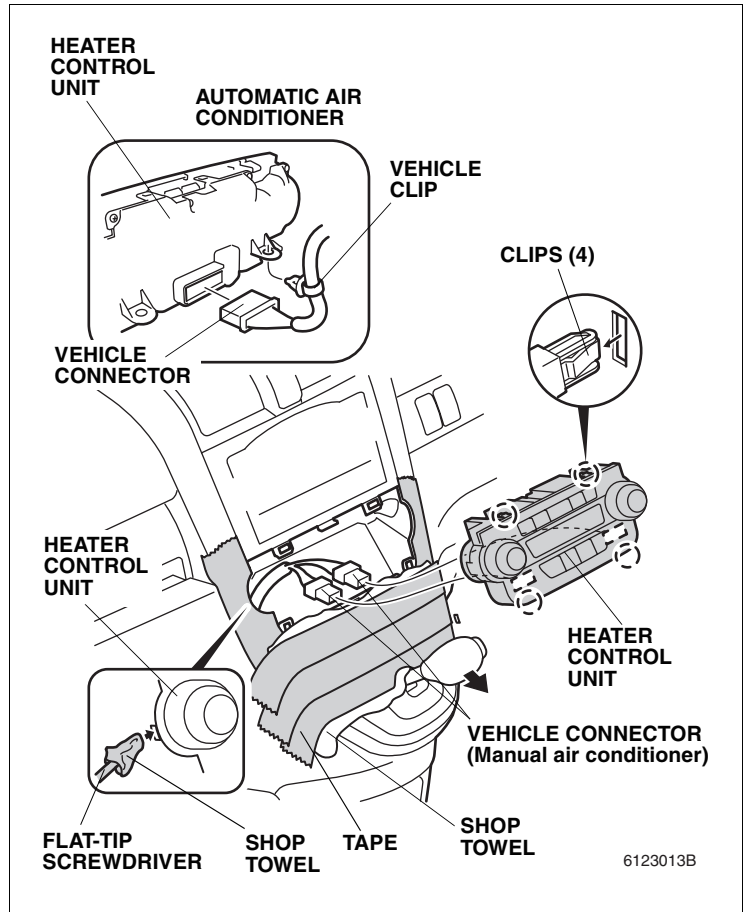
5. Remove the passenger's seat side under cover (three clips and two pins).



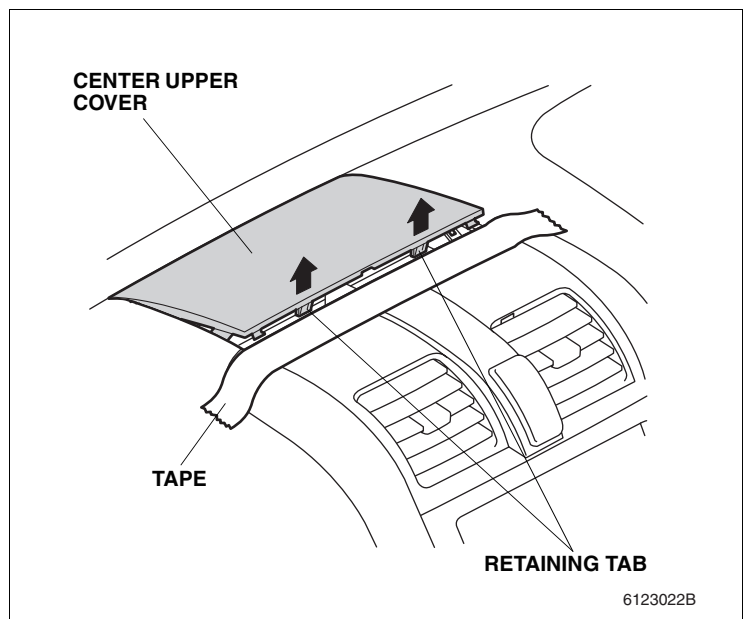
6. Remove the glove box (dumper and two screws).



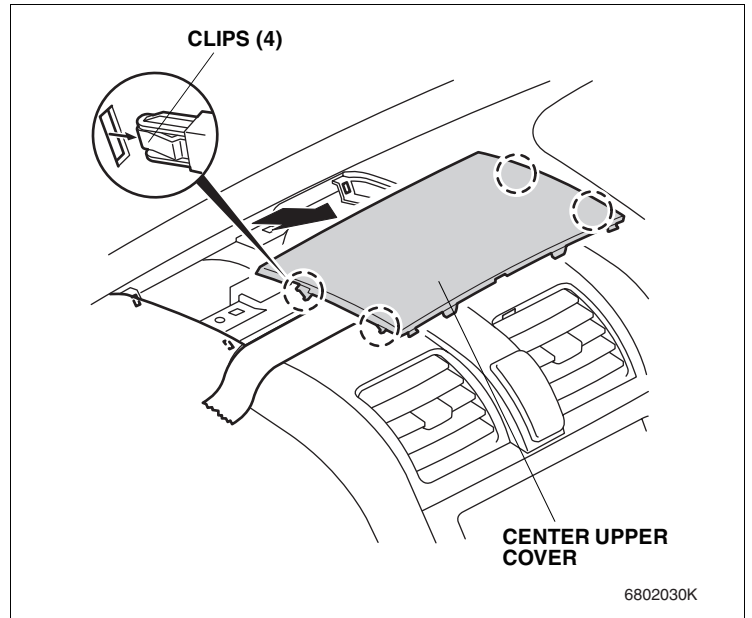
7. Attach the tape to the center panel with shop towel as shown. Using a flat-tip screwdriver wrapped with shop towel, remove the heater control unit (four clips and disconnect the vehicle connector).
 - Insert the ignition key in the shift lock release hole, and move the shift lever to the "1" position while pressing down on the key.
 - Manual air conditioner: two vehicle connectors.
 - Automatic air conditioner: one vehicle connector and one vehicle clip.



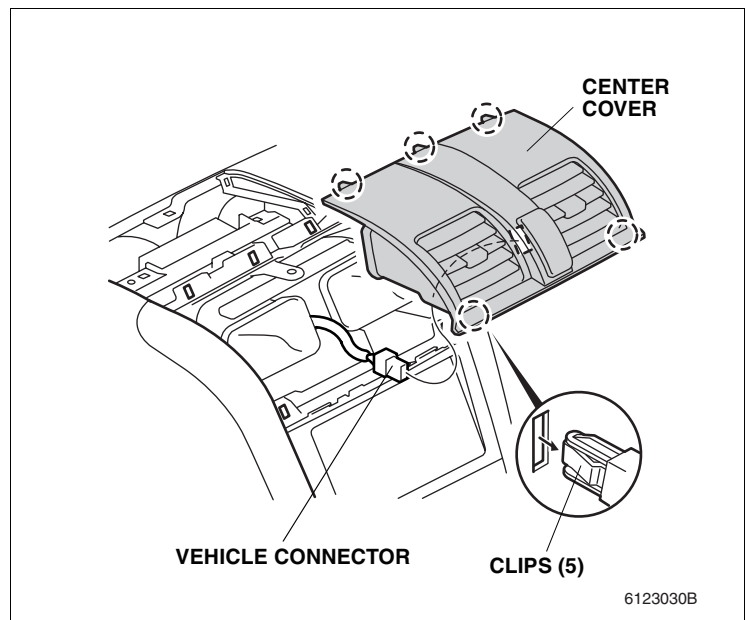
8. Attach the tape to the center cover as shown.
9. Using a flat-tip screwdriver, release the two retaining tabs of the center upper cover.



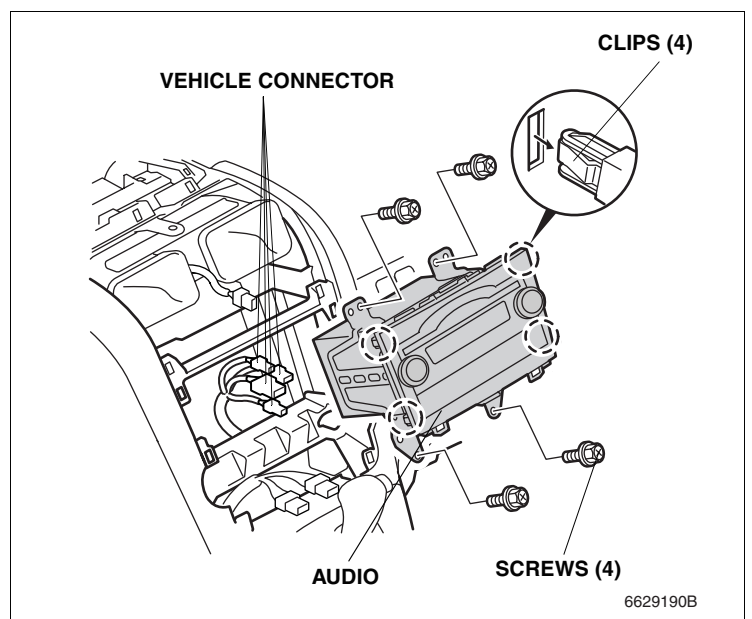
10. Remove the center upper cover (four clips).



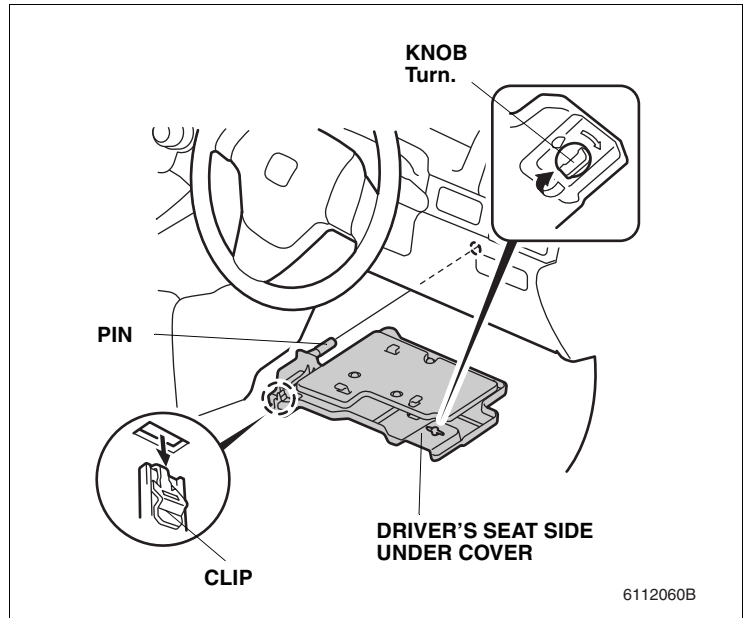
11. Remove the center cover (five clips and disconnect a vehicle connector).



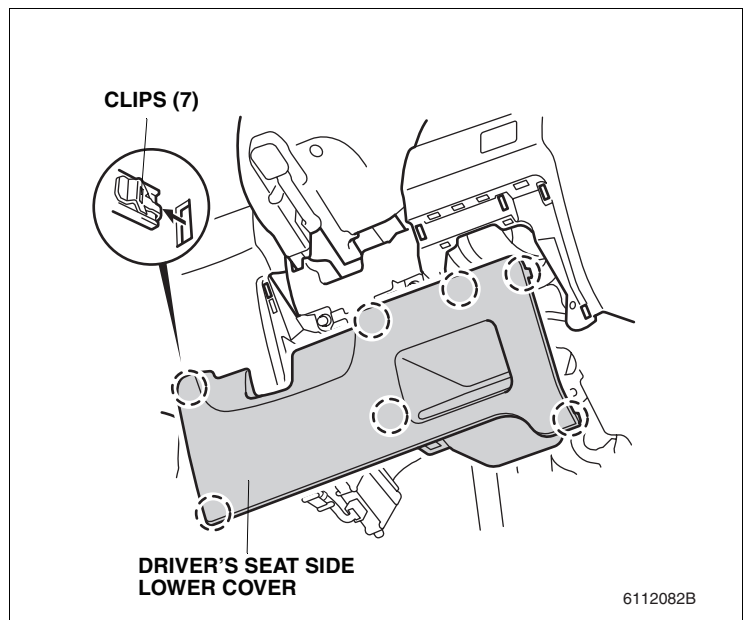
12. Remove the audio (four screws, four clips and disconnect the vehicle connectors).



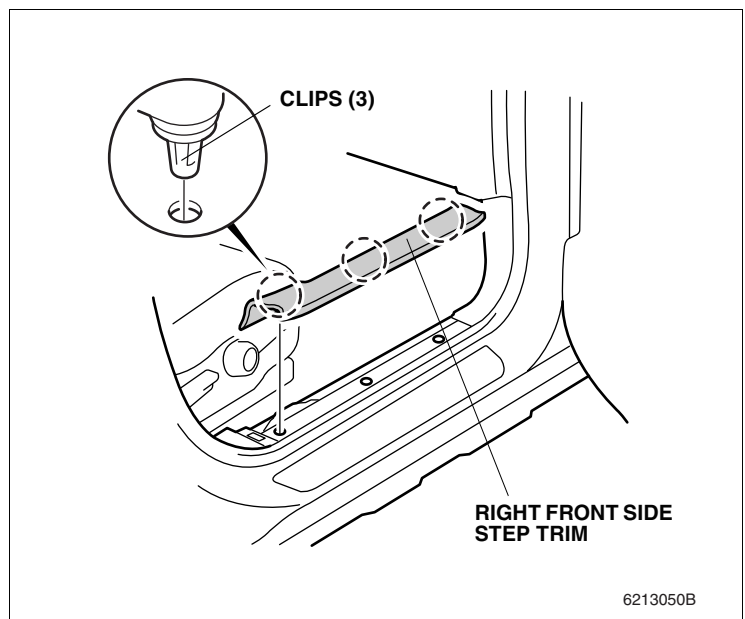
13. Turn the knob of the driver's seat side under cover. Remove the driver's seat side under cover (a clip and a pin).



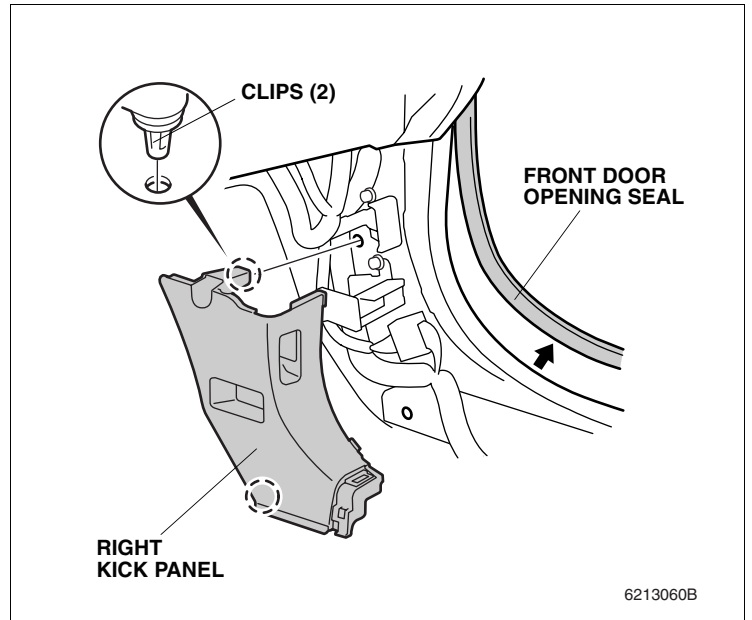
14. Remove the driver's seat side lower cover (seven clips).



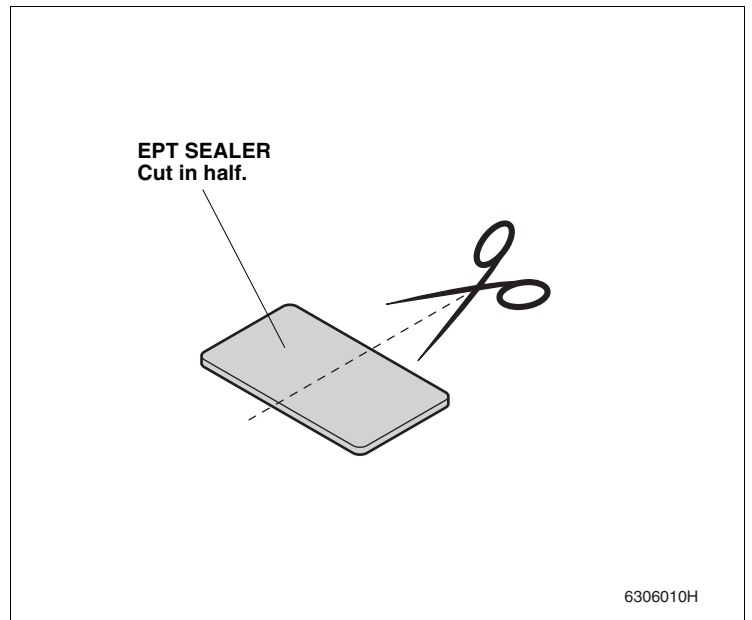
15. Remove the right front side step trim (three clips).



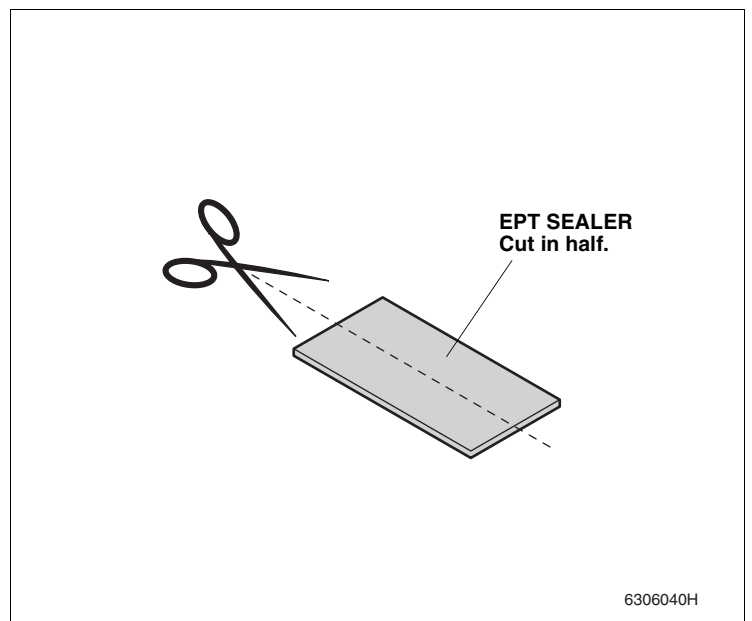
- 16. Take off the front door opening seal.
- 17. Remove the right kick panel (two clips).



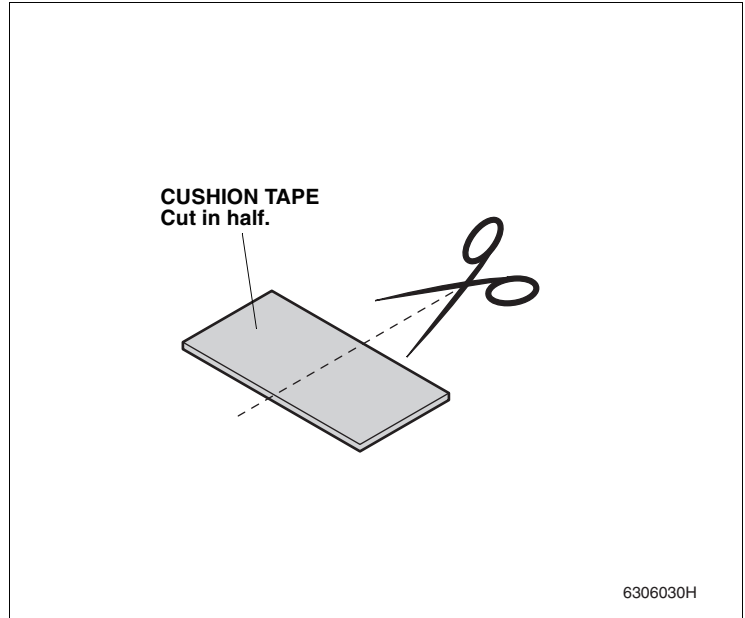
- 18. Cut a EPT sealer in half as shown.



- 19. Cut a EPT sealer in half as shown.

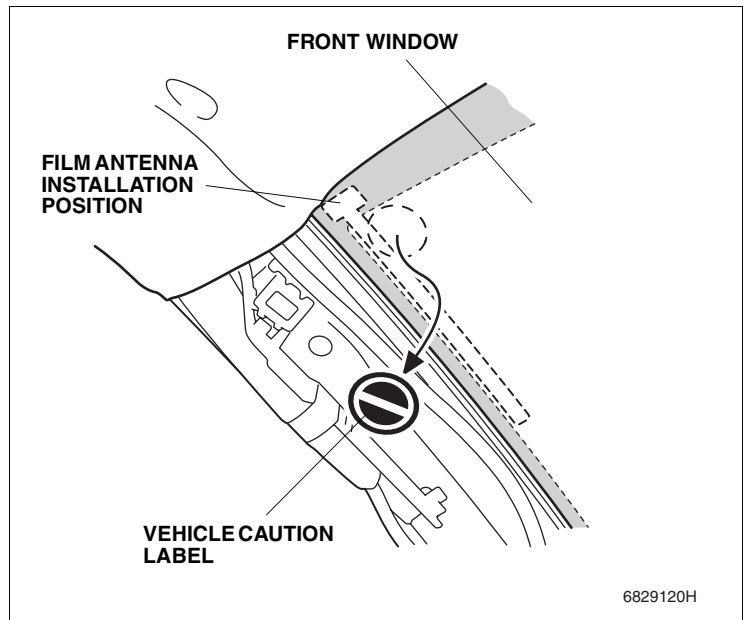


20. Cut a cushion tape in half as shown.



<When the vehicle caution label interferes with the film antenna>

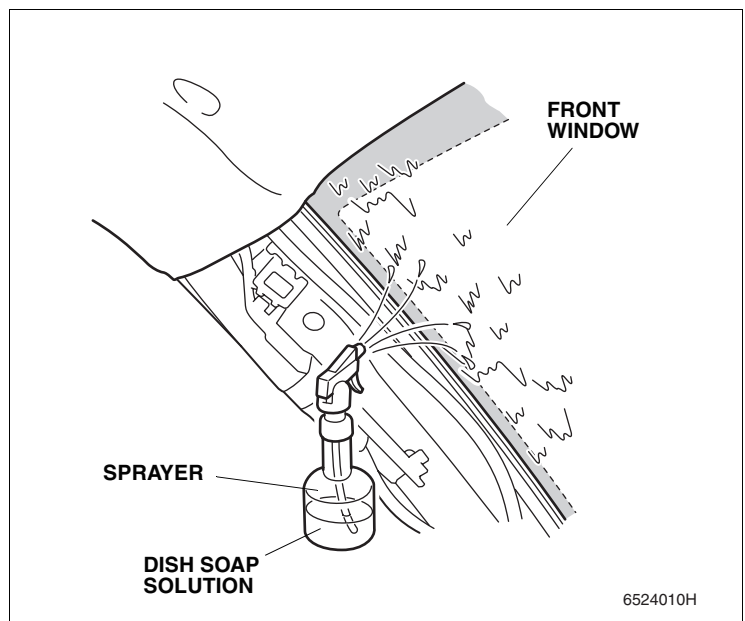
21. Position the film antenna on the front window by referring to the step 25. Remove the vehicle caution label if it interferes with the film antenna.



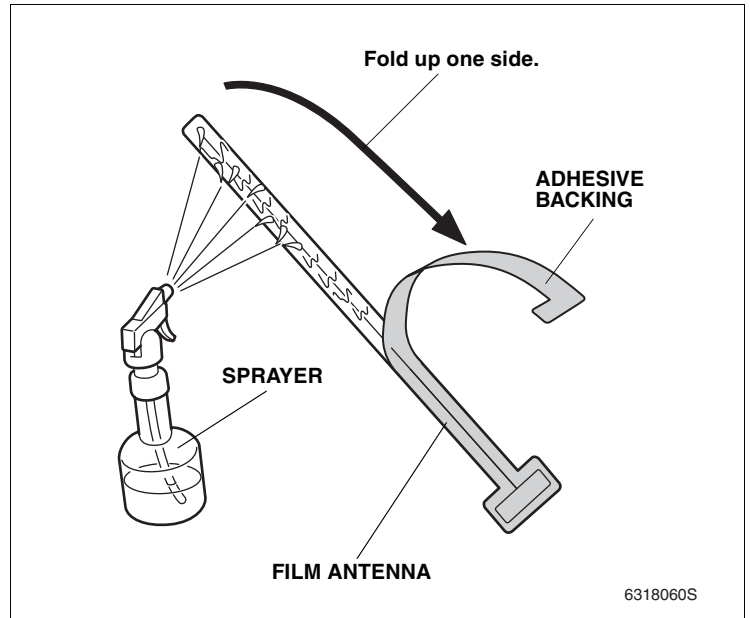
22. Using the isopropyl alcohol on a shop towel, thoroughly clean the inside of the front window as shown.

23. Spray the dish soap solution onto the cleaned area.

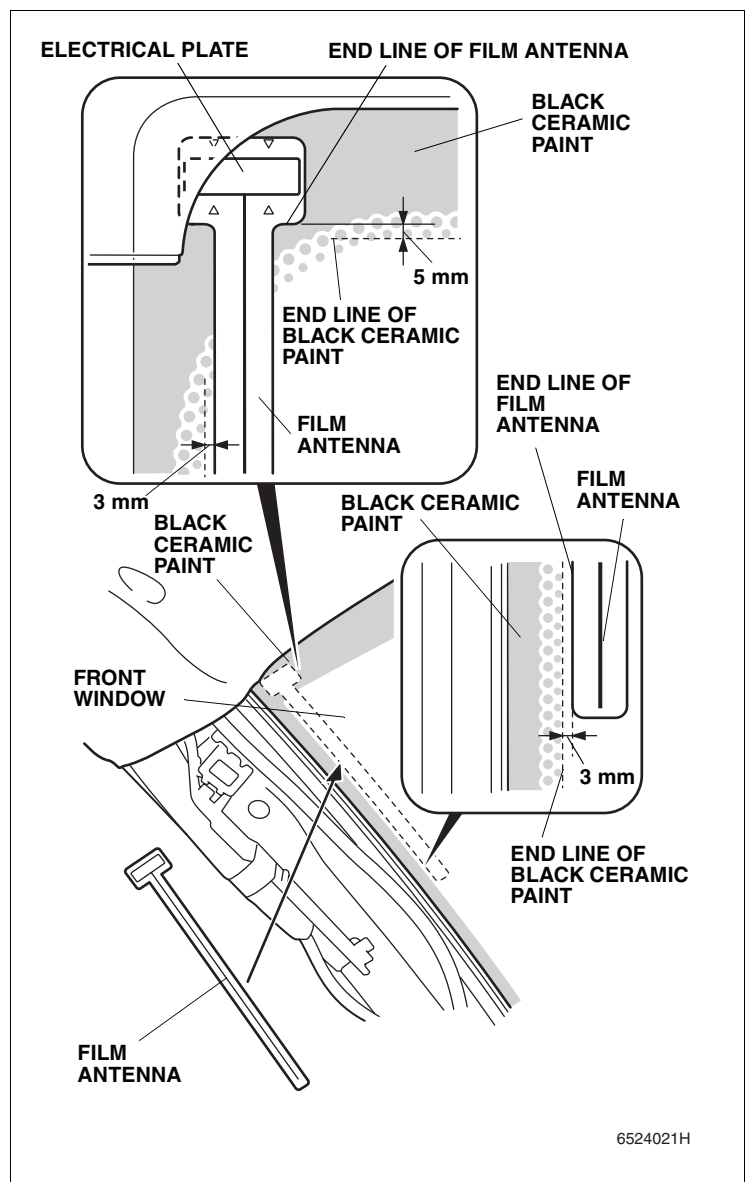
- Dish Soap Solution
SUMMER - water: dish soap = 100:1
WINTER - water: dish soap = 500:1



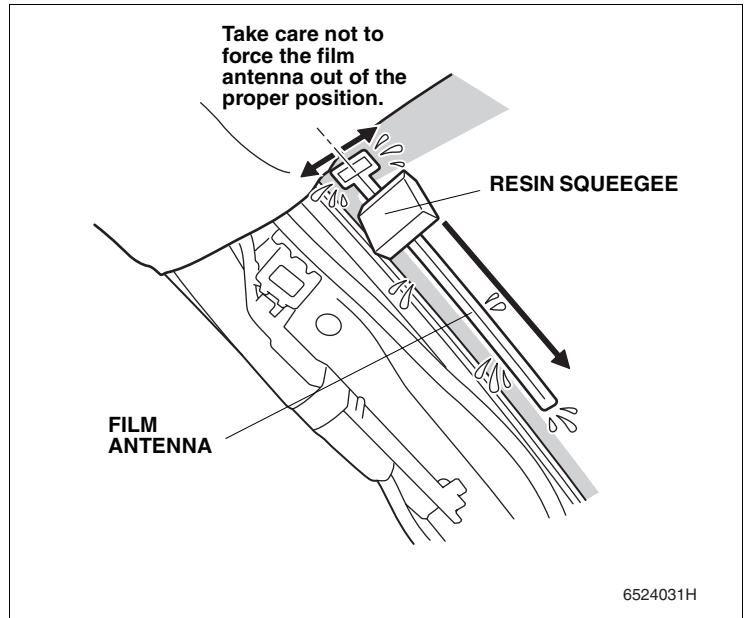
24. Fold up one side of the backing of the film antenna, then spray the dish soap solution to the adhesive surface of the film antenna.



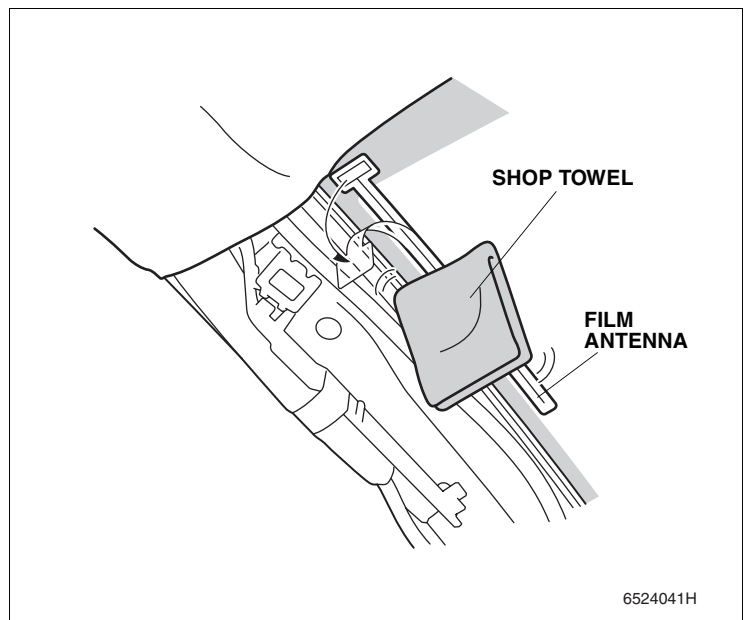
25. Attach the film antenna to the inside of the front window. Align the film antenna with end line of the black ceramic paint as shown, and Align the end line of the film antenna with the end line of the black ceramic paint at a distance of 5 mm.



26. Spray again the dish soap solution onto the film antenna.
27. Squeeze air out of between the film antenna and the front window taking care not to force the film antenna out of the proper position.

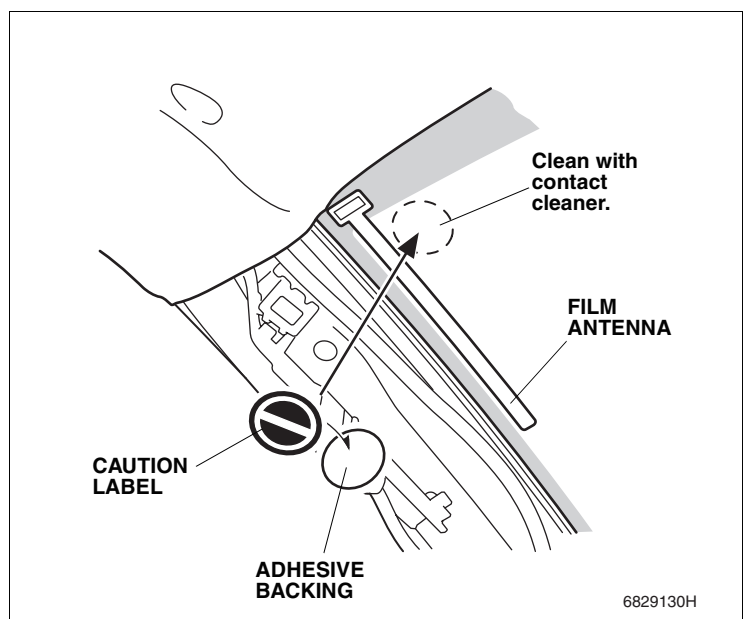


28. Wipe off the excess solution with a shop towel and dry up perfectly.

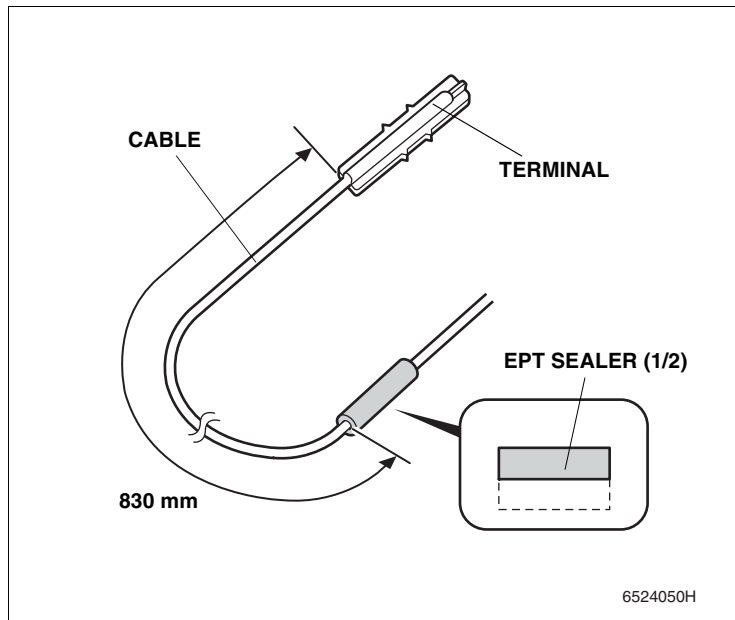


<When the caution label removed>

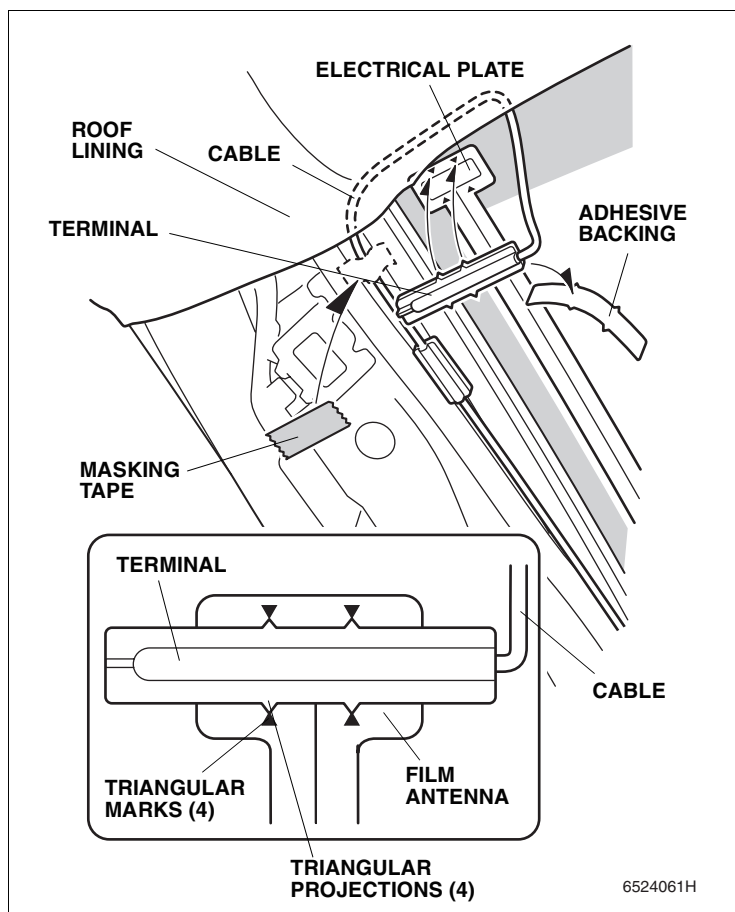
29. Using contact cleaner, clean the front window in the area where the caution label does not interfere the film antenna. Attach the caution label to the front window in the area you just cleaned.



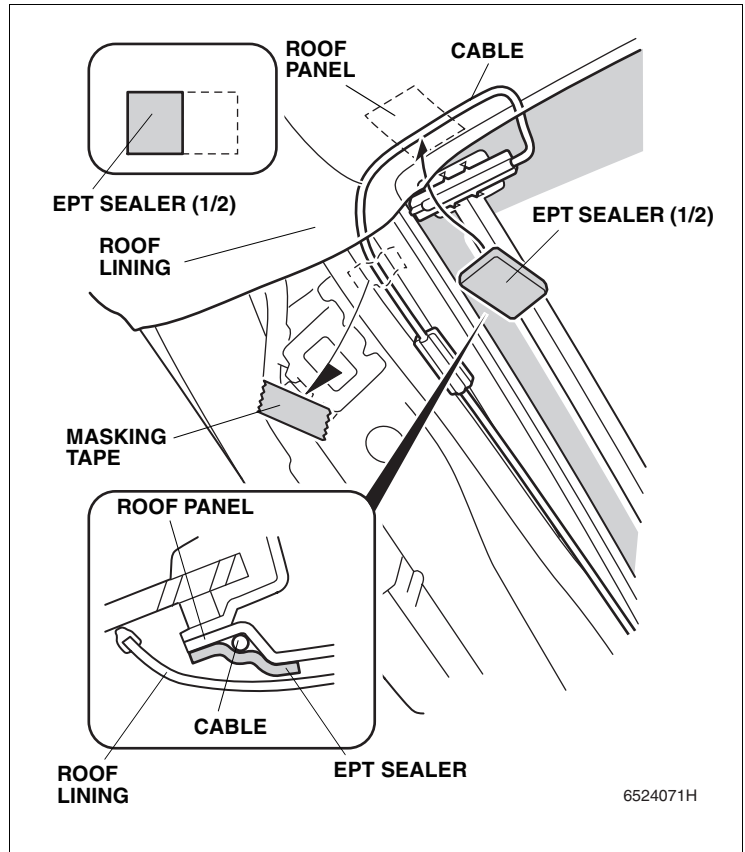
30. Wrap a EPT sealer cutted in half to the cable as shown.



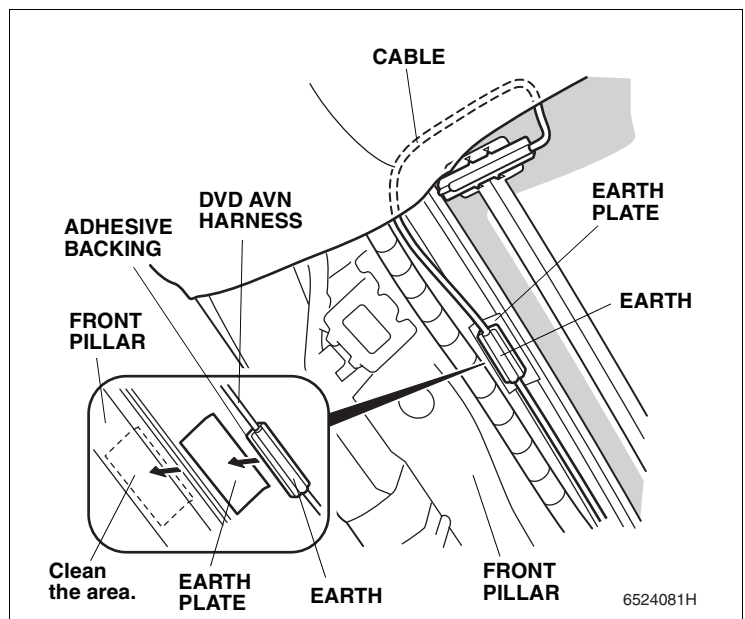
31. Attach the terminal of the cable to the electrical plate of the film antenna aligning its four triangular projections with the four triangular marks of the film antenna.
32. Route the cable through between the roof panel and roof lining as shown. And attach the masking tape to fix the cable to vehicle panel temporarily.



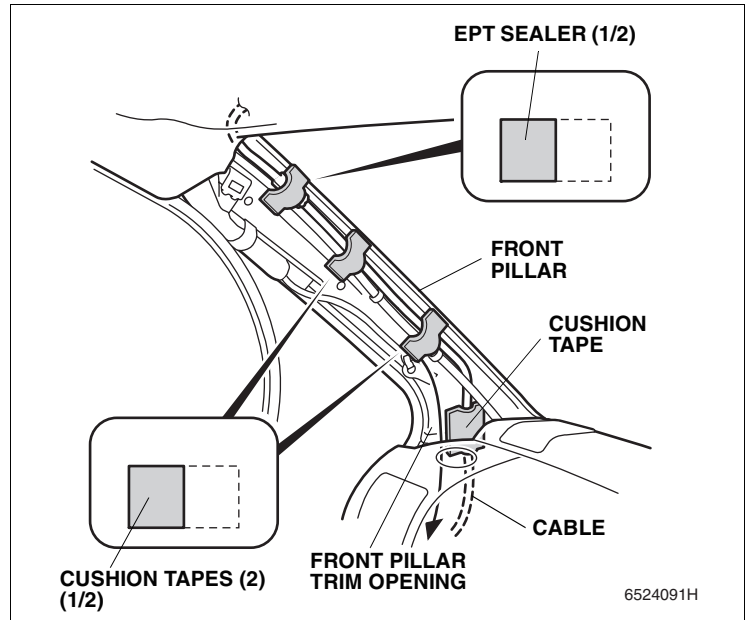
33. Using isopropyl alcohol on a shop towel, clean the area where the EPT sealer will attach.
34. Attach the cable to the roof panel with a EPT sealer cutted in half as shown.
35. Remove the masking tape attached in step 32.



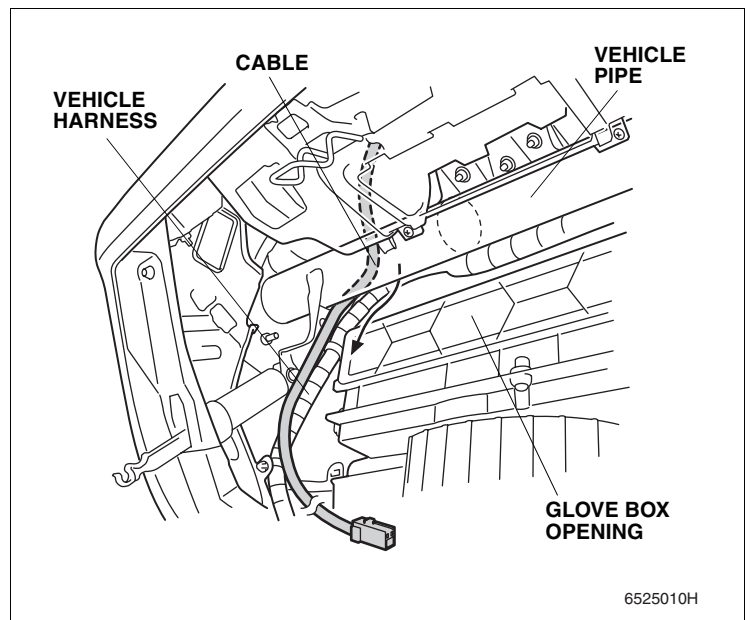
36. Route the cable along the front pillar as shown, and using isopropyl alcohol on a shop towel, clean the area where the earth plate will attach.
37. Attach the earth plate on the front pillar you just cleaned, and attach the earth of the cable on the earth plate.



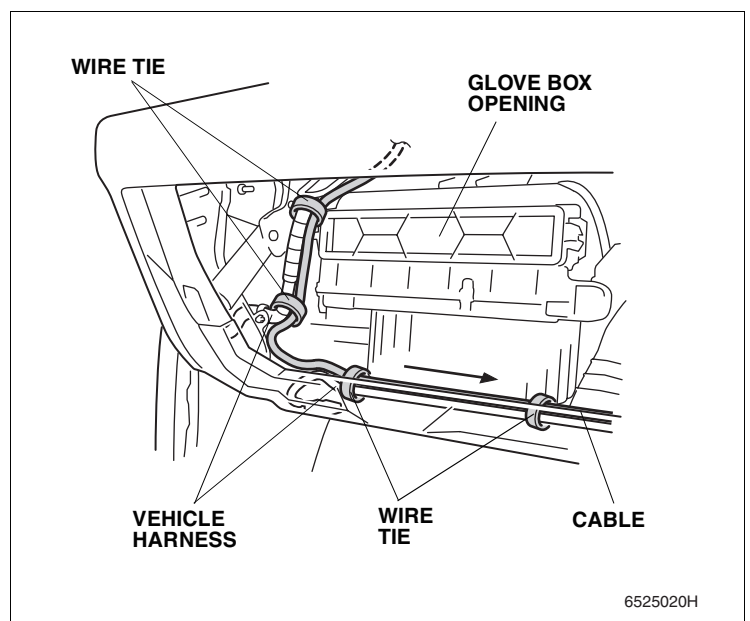
38. Route the cable along the front pillar as shown, and using isopropyl alcohol on a shop towel, clean the area where the EPT sealer and cushion tape will attach. Through the cable into the front pillar trim opening.
39. Secure the cable on the front pillar with the two cushion tapes cutted in half and a EPT sealer cutted in half and a cushion tape.



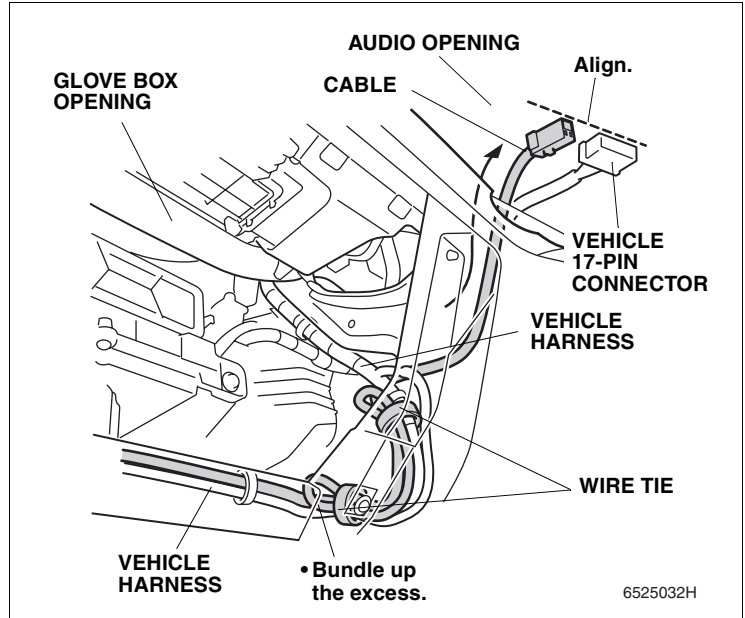
40. Pull out the cable at the glove box opening, and route the cable along the vehicle harness as shown.



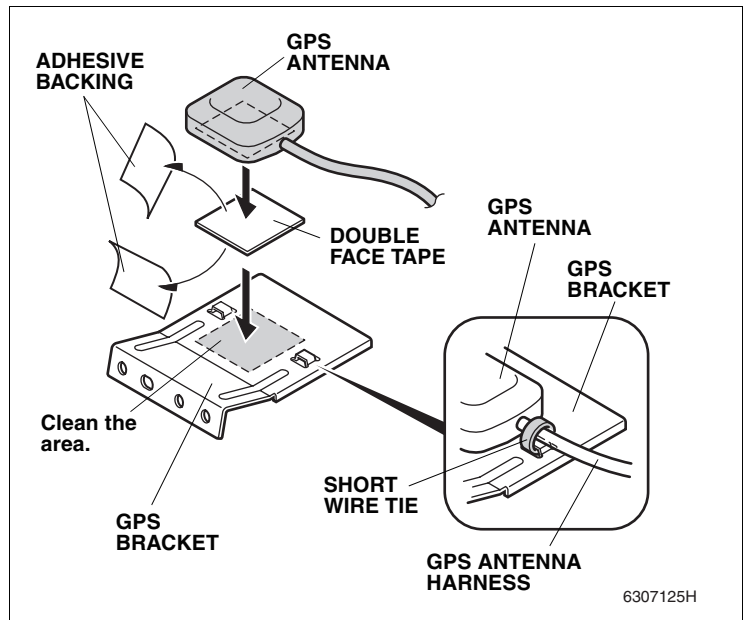
41. Route the cable along the vehicle harness to the right side, and secure it to the vehicle harness with four wire ties.



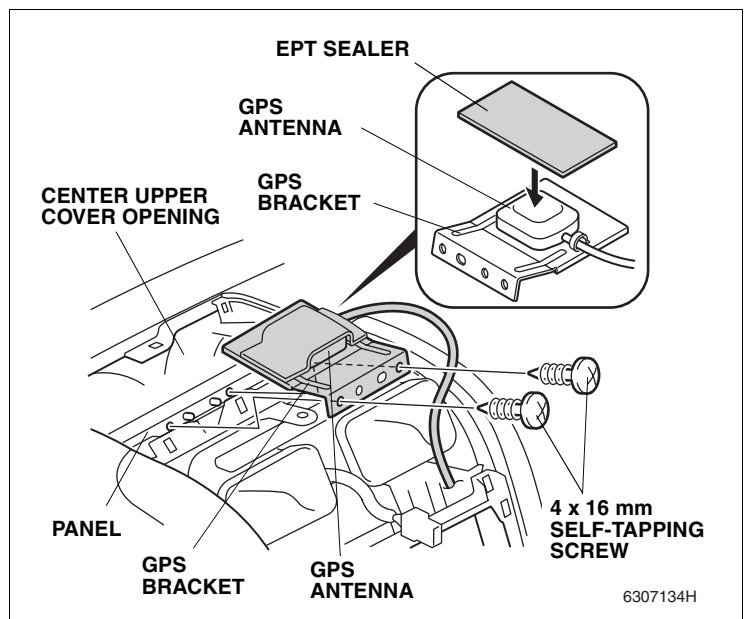
42. Route the cable to the audio opening from the glove box opening as shown. Align the cable connector with the vehicle 17-pin connector, and bundle up the excess cable and secure them to the vehicle harness with the wire ties.



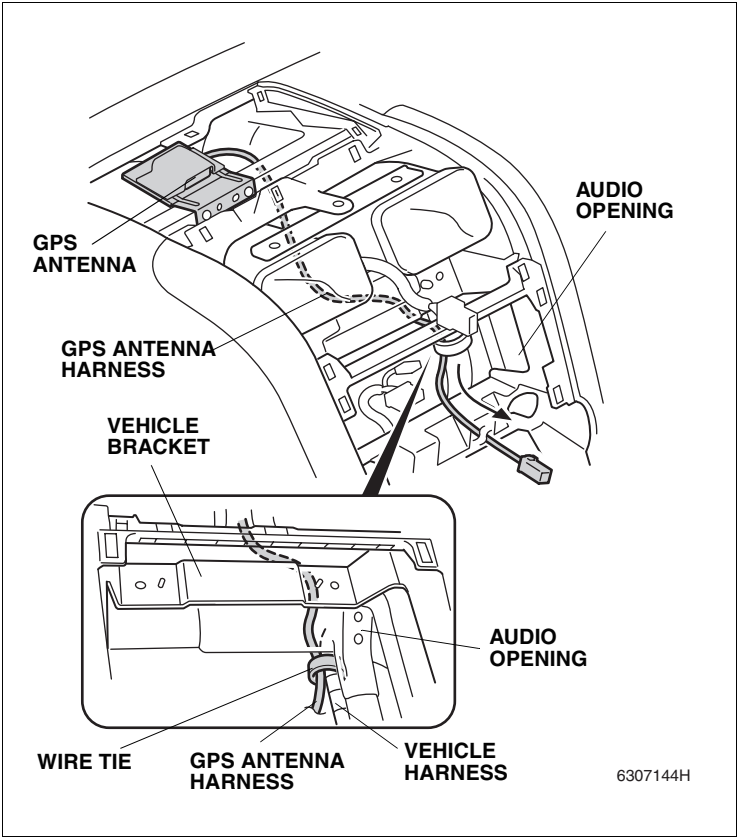
43. Clean the area where the double face tape will attach. Remove the adhesive backings from the double face tape, and attach GPS antenna to the GPS bracket.
44. Secure the GPS antenna harness to the GPS bracket with a short wire tie as shown.



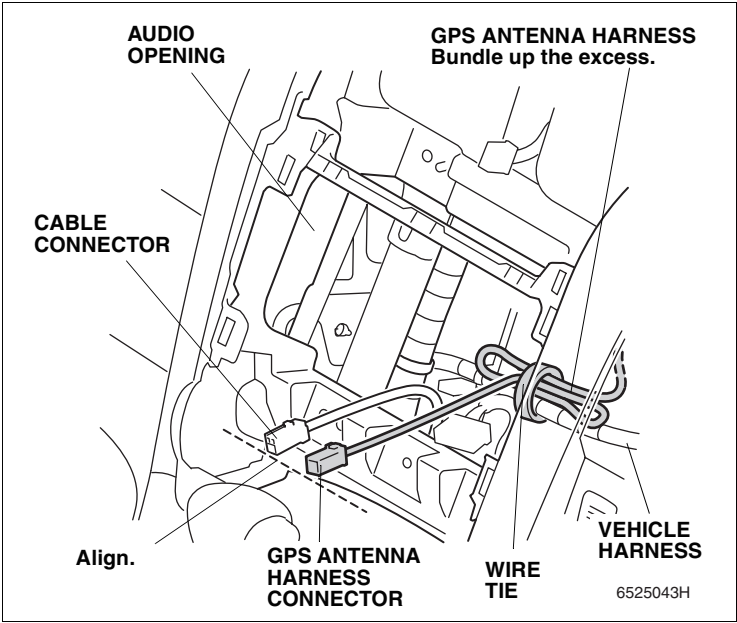
45. Clean the area where the EPT sealer will attach. Attach the EPT sealer onto the GPS antenna and GPS bracket.
46. Install the GPS bracket attached the GPS antenna to the panel in the center upper cover opening with the two 4 x 16 mm self-tapping screws.



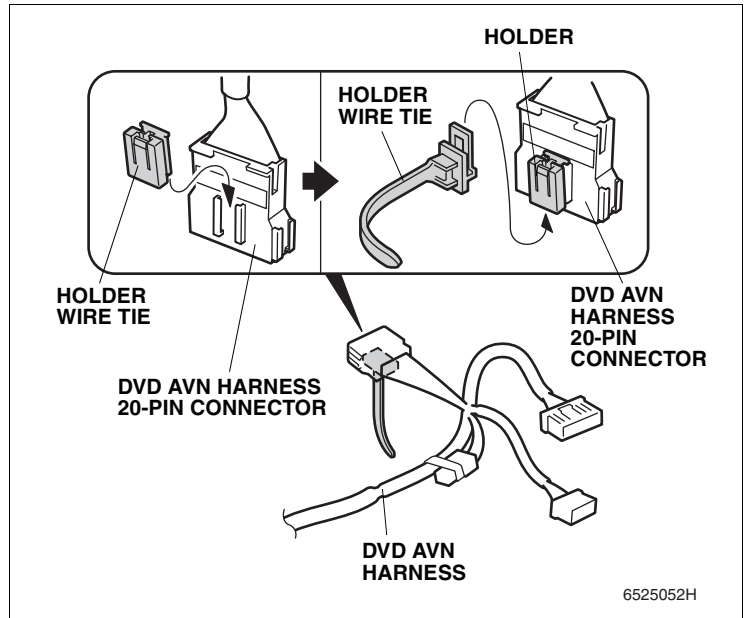
- 47. Route the GPS antenna harness to the audio opening as shown.
- 48. Secure the GPS antenna harness to the vehicle harness with a wire tie.



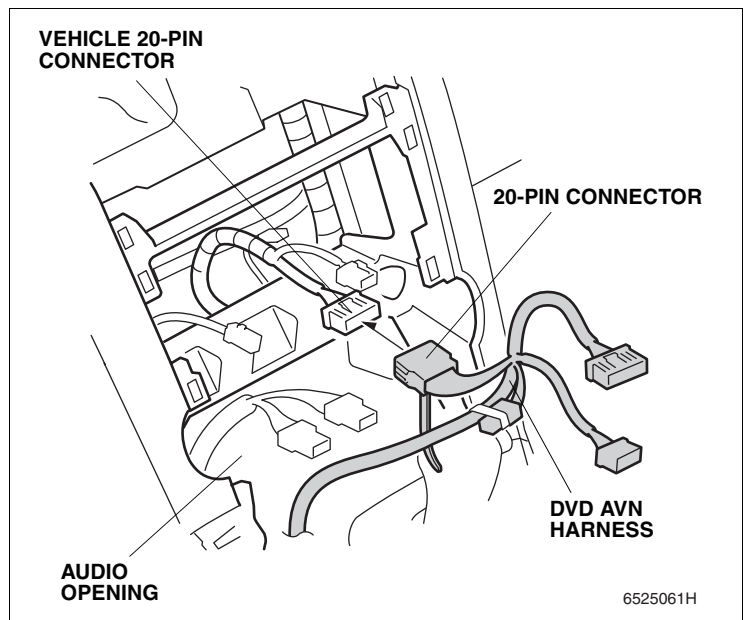
- 49. Align the GPS antenna harness connector with cable connector, bundle up the excess GPS antenna harness, and secure them to the vehicle harness with a wire tie.



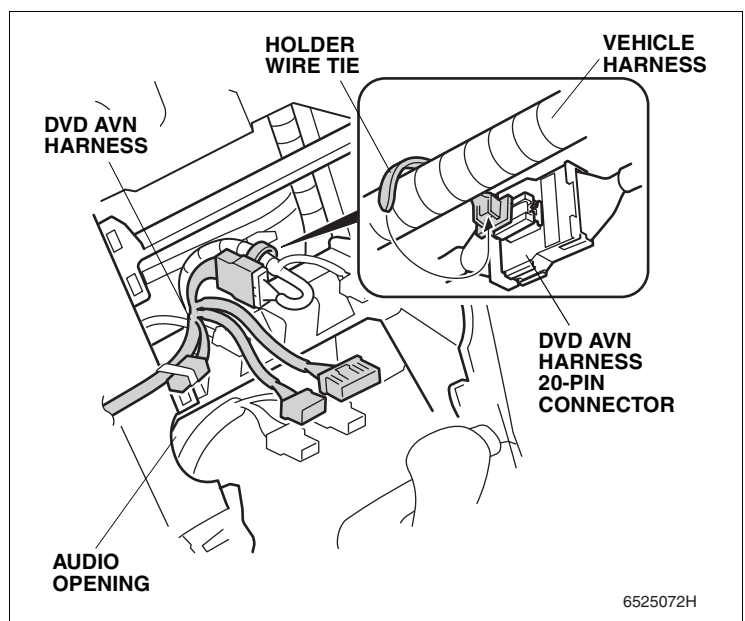
50. Install the holder to the DVD AVN harness 20-pin connector.
51. Set the holder wire tie to the holder installed DVD AVN harness 20-pin connector.



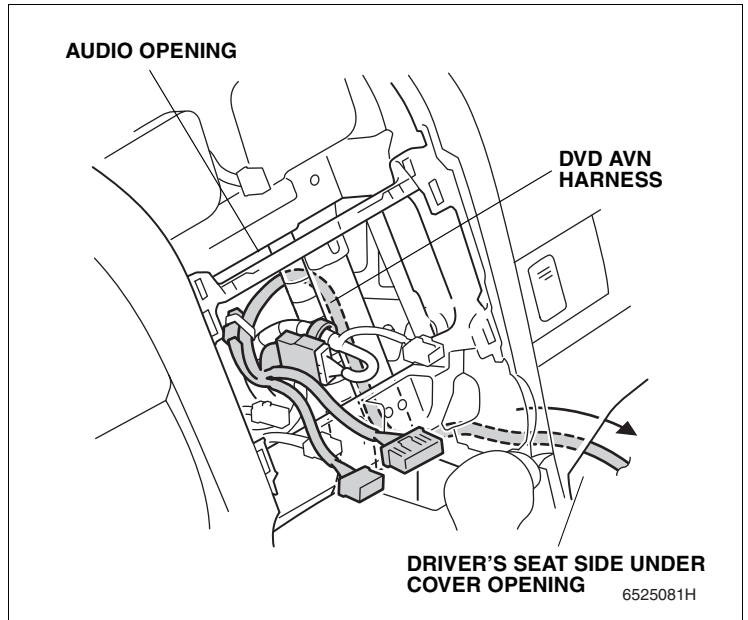
52. Plug the DVD AVN harness 20-pin connector to the vehicle 20-pin connector.



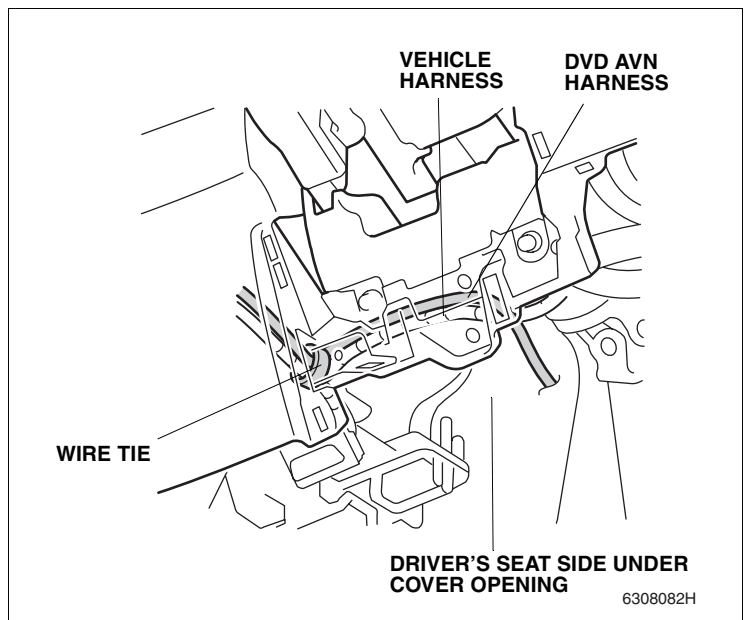
53. Install the holder wire tie to the vehicle harness in the audio opening as shown.



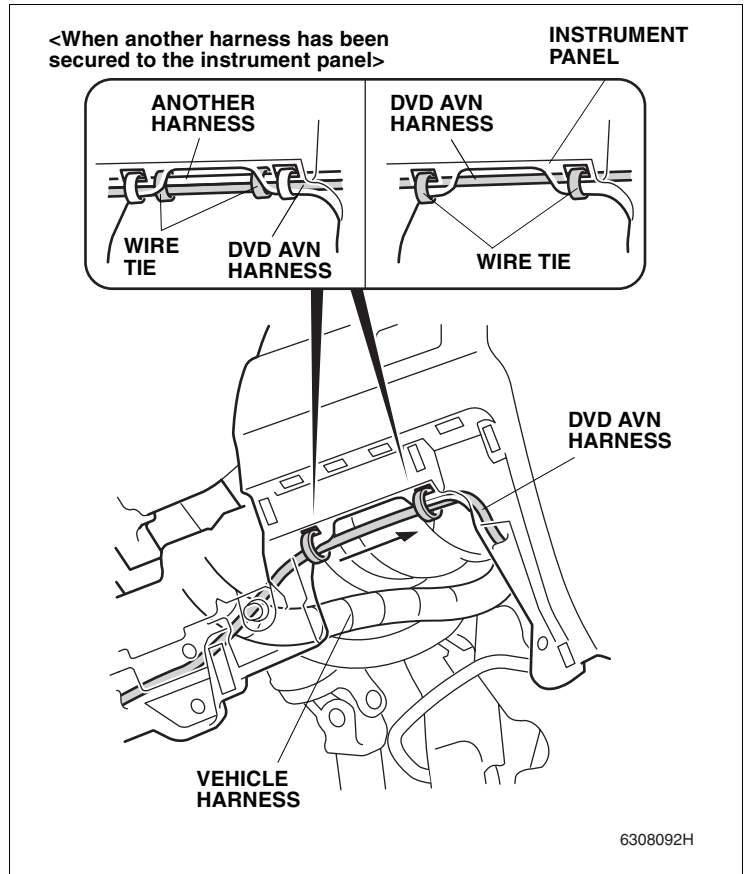
54. Route the DVD AVN harness to the driver's seat side under cover opening from the audio opening as shown.



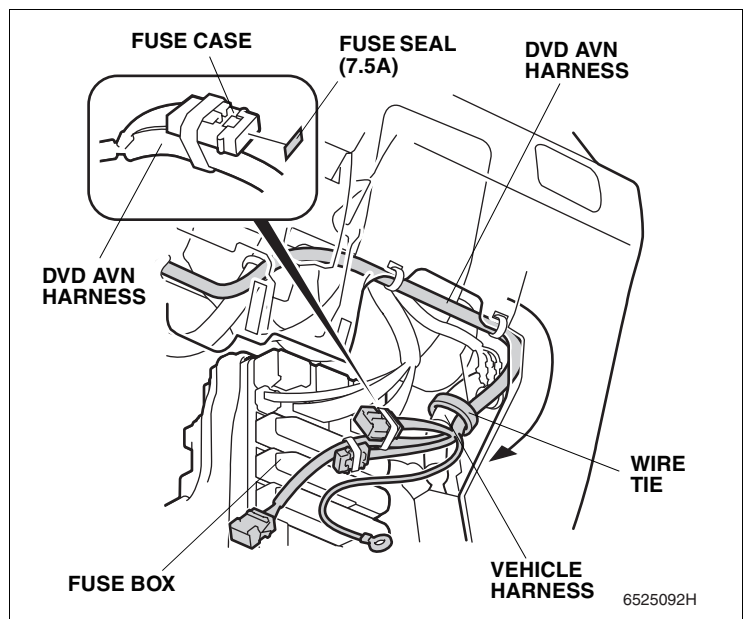
55. Route the DVD AVN harness along the vehicle harness to the right side, and secure it to the vehicle harness with a wire tie.



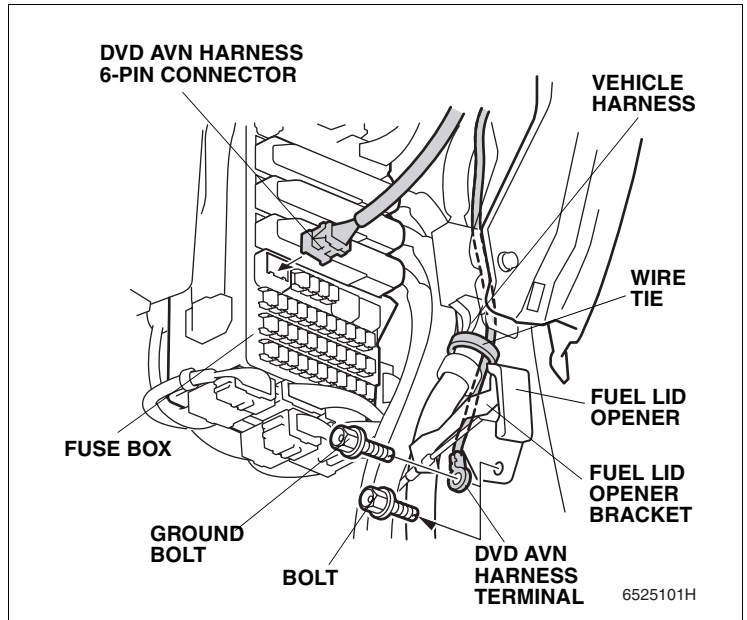
56. Secure DVD AVN harness to the vehicle harness with a wire tie.
57. Route the DVD AVN harness to the right side, and secure it to the instrument panel with the two wire ties.
 - When another harness has been secured to the instrument panel, secure the DVD AVN harness to the another harness with the two wire ties.



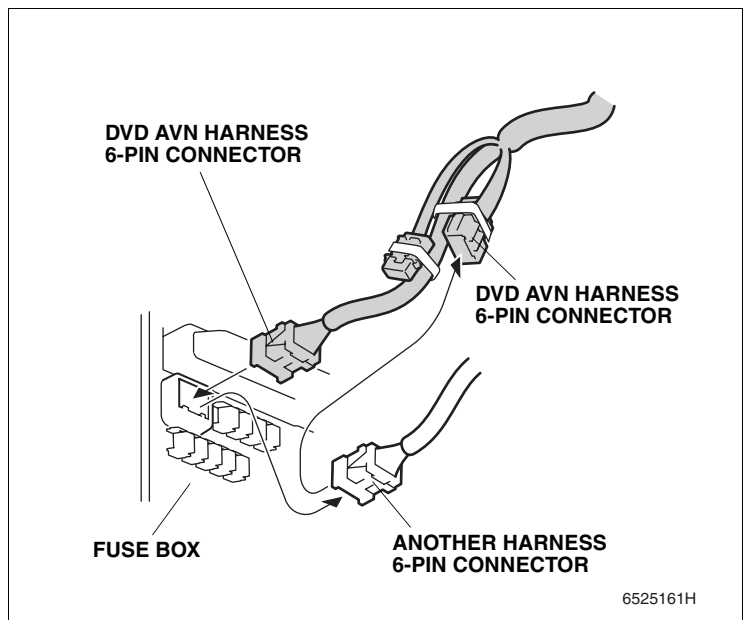
58. Attach the fuse seal (7.5A) to the fuse case of the DVD AVN harness.
59. Route the DVD AVN harness to the front of the fuse box, and secure it to the vehicle harness with a wire tie.



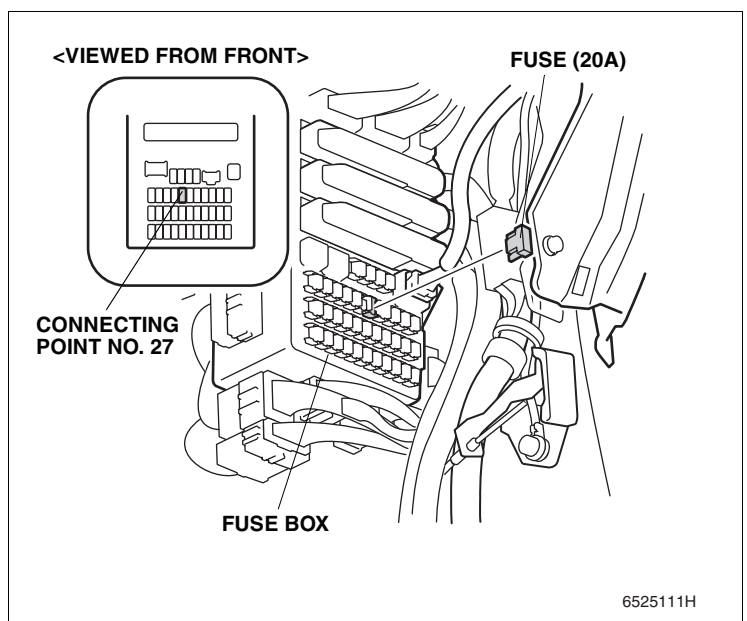
60. Plug the DVD AVN harness 6-pin connector into the fuse box.
61. Remove the bolt from the fuel lid opener, and install the DVD AVN harness terminal with ground bolt as shown.
 - When route the ground wire of the DVD AVN harness, do not interfere the ground wire to the fuel lid opener bracket.
62. Secure the ground wire of the DVD AVN harness to the vehicle harness with a wire tie.



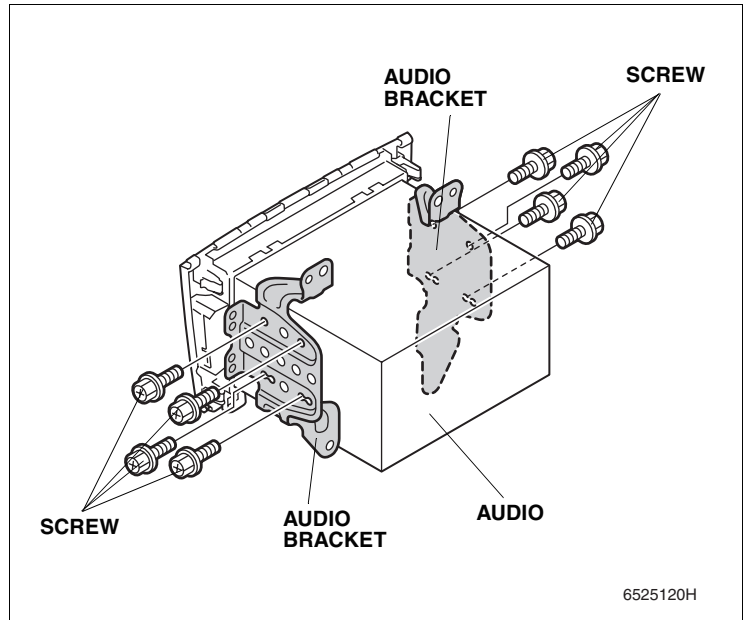
- When another harness has been connected to the fuse box, disconnect it from the fuse box and connect it to the DVD AVN harness 6-pin connector. Then, connect the DVD AVN harness 6-pin connector to the fuse box as shown.



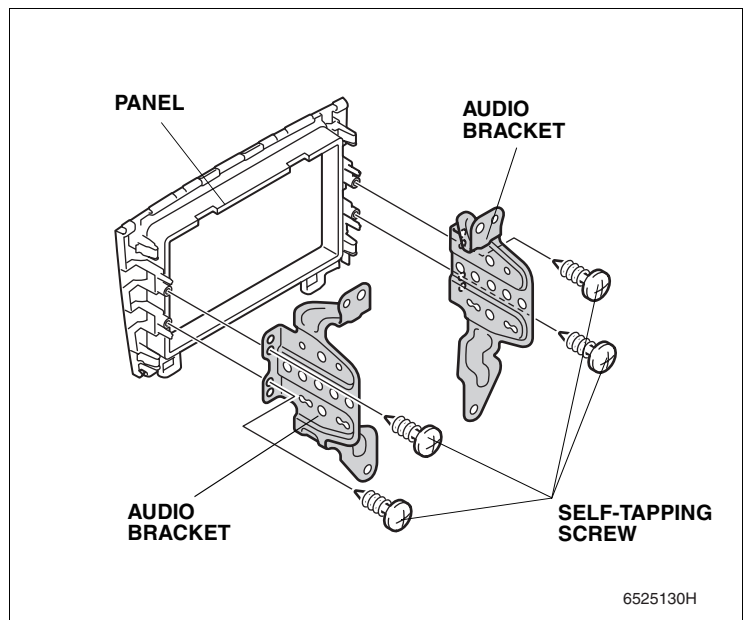
63. Connect the fuse (20A) to the fuse box.
 - The work of this step is not necessary in case the fuse (20A) has already been connected to the fuse box.



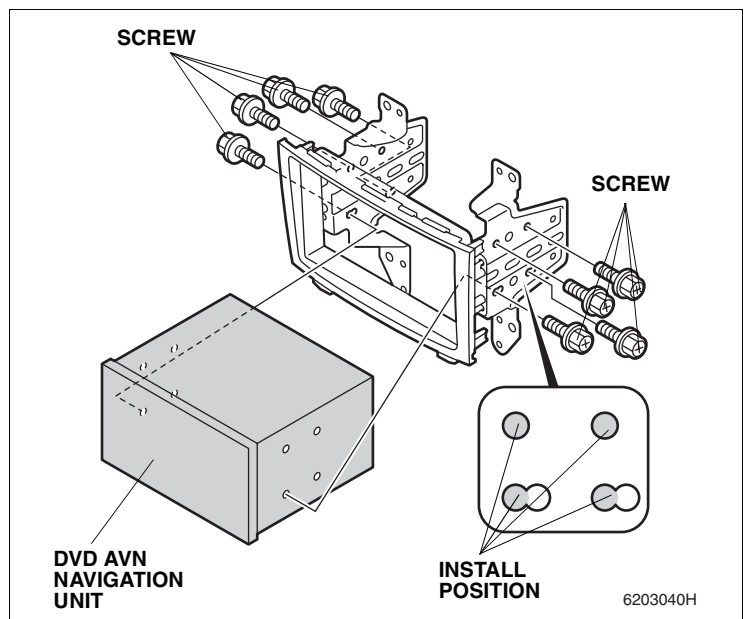
64. Remove the audio brackets from audio (eight screws).



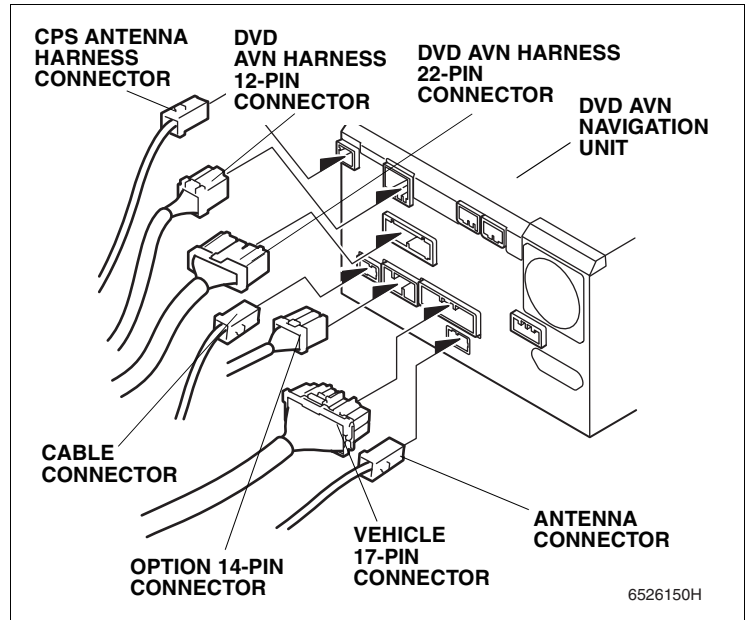
65. Install the audio brackets removed in step 64 to the panel with the four self-tapping screws.



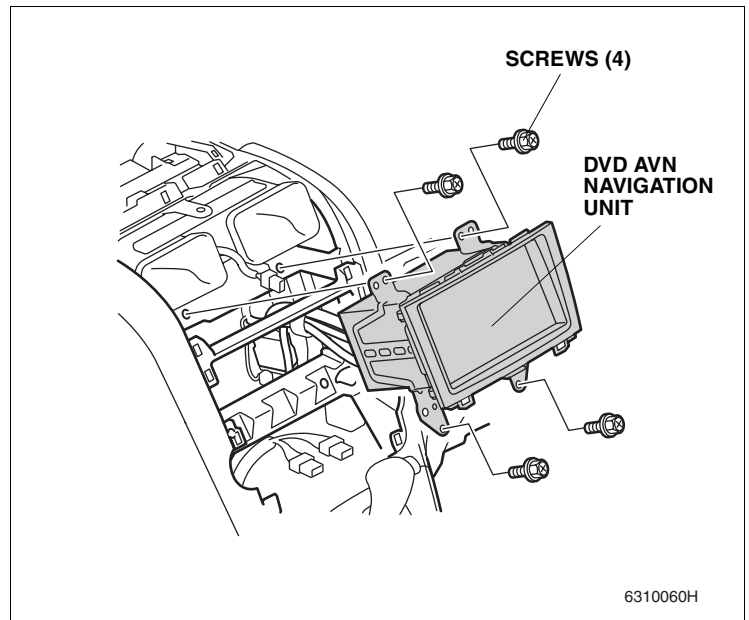
66. Insert DVD AVN navigation unit into the panel, and install it to the audio brackets with eight screws removed in step 64.



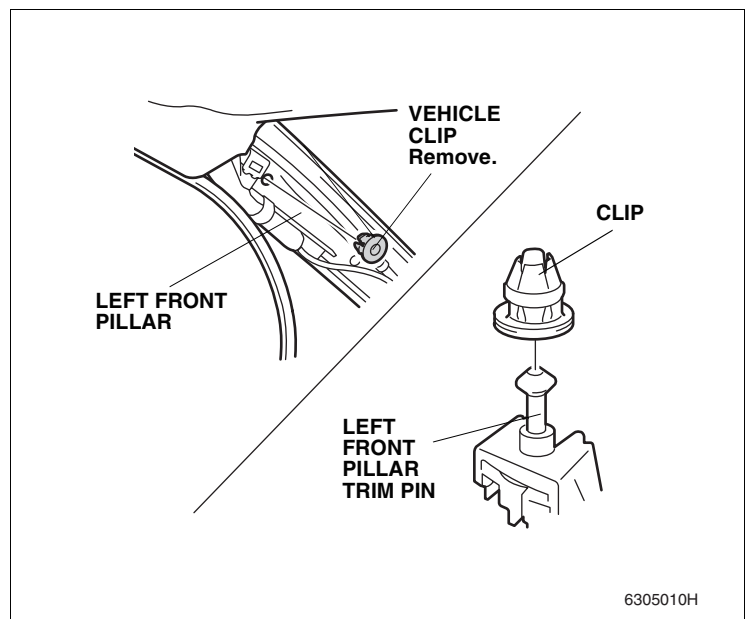
67. Plug the seven connectors into the DVD AVA navigation unit as shown.



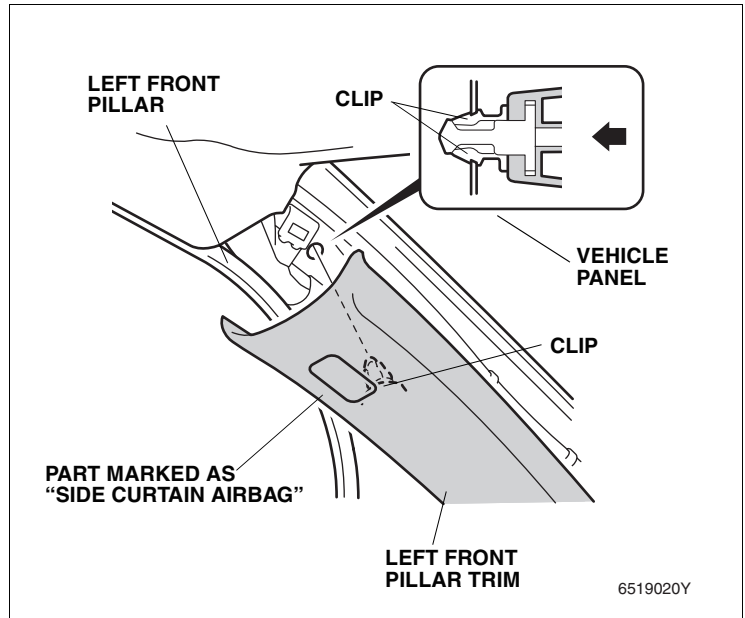
68. Install the DVD AVN navigation unit with four screws removed in step 12.



69. Remove the vehicle clip that remains on the left front pillar.
70. Check that the left front pillar trim and the pin are not damaged, and install the clip on the pin.



71. Position the clip at right angles to the hole in the front pillar. Install the clip by lightly pushing the left front pillar trim at the part marked as "SIDE CURTAIN AIRBAG".
- Check that the airbag is not pinched with the clip.
 - Take care not to push the front pillar trim excessively.



Inspection

- Check that all wire harnesses are routed properly and all connectors are plugged in.
- Connect the negative cable to the battery and check operation of all lights and other electrical accessories.
- Reset the clock and customer's radio station presets.
- Check the operation of the DVD AVN NAVIGATION according to the its Owner's Manual.
- Put the DVD AVN NAVIGATION Owner's Manual in the glove box.
- Reinstall all removed parts.