



SERVICE BULLETIN

Classification: RS13-007	Reference: NTB13-044	Date: April 10, 2013
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2004 – 2006 TITAN KING CAB; AIR BAG LIGHT ON, SEAT BELT INOPERATIVE, OR REAR AUDIO SPEAKERS INOPERATIVE

APPLIED VEHICLES: 2004 – 2006 Titan (A60) King Cab models only

This bulletin is to be used only for vehicles that have already had campaign R0616 performed (NTB07-009 – Titan Rear Door Harness Voluntary Recall Campaign).

IF YOU CONFIRM

The red Air Bag warning lamp is ON,

and/or

The driver or front passenger seat belt is not working correctly,

and/or

The rear audio speakers are not working correctly,

and/or

The customer has requested an inspection of the above items,

ACTIONS

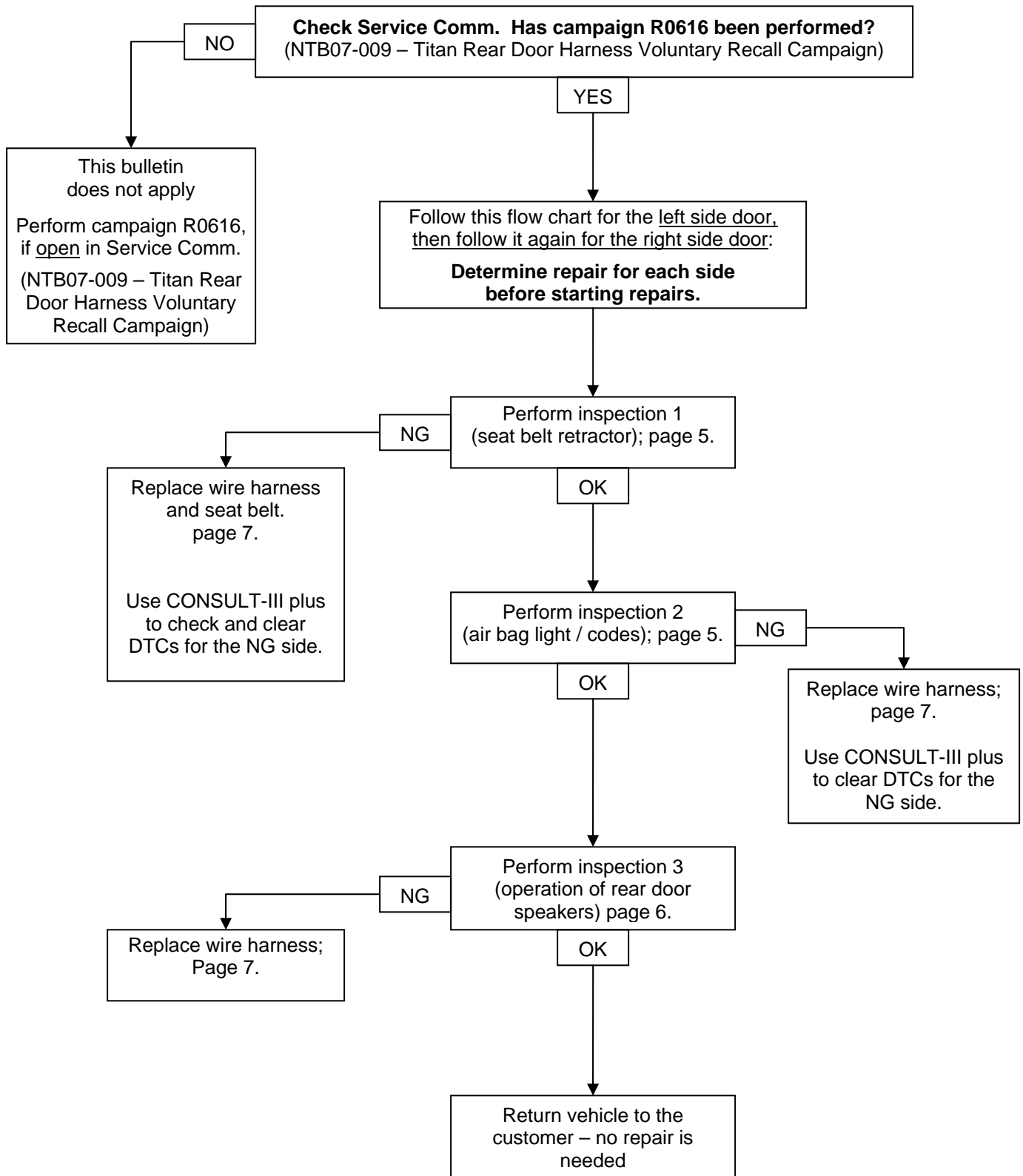
1. Check Service Comm to determine if Campaign R0616 has been performed.
 - If campaign R0616 has **not** been performed, this bulletin does not apply.
2. Follow the Repair Flow-Chart on the next page.

NOTE: This Service Bulletin provides inspection procedures specifically for vehicles that have already had campaign R0616 performed (NTB07-009 – Titan Rear Door Harness Voluntary Recall Campaign).

IMPORTANT: The purpose of ACTION (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire SERVICE PROCEDURE as it contains information that is essential to successfully completing this repair.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

REPAIR FLOW-CHART



PARTS INFORMATION

DESCRIPTION	PART NUMBER	QTY IF NEEDED
Body Harness (Drivers Side) See NOTE below	Use the VIN and the electronic parts catalog (FAST or equivalent) to find the correct P/N.	1
Body Harness #2 (Passenger Side) See NOTE below		1
Front Seat Belt – Right (Passenger Side)		1
Front Seat Belt – Left (Drivers Side)		1

NOTE: Order the body harness indicated in the electronic parts catalog. Your order will be automatically superseded to the appropriate service harness part number. As noted in steps 45 and 67 (pages 28 and 39), service harnesses have some connectors taped to the harness. Those connectors may or may not be utilized in the repair, depending upon the optional equipment on the vehicle being serviced.

CLAIMS INFORMATION

Submit a (CM) type line claim using the following claims coding:

DESCRIPTION	OP CODE	FRT
Perform Inspection Only	PC1986	0.3 hrs

OR:

DESCRIPTION	OP CODE	FRT
Inspect and RPL Harness Driver Side	PC1980	2.4 hrs

And, in Combination Only IF Necessary, use the following Op Codes:

DESCRIPTION	OP CODE	FRT
Additional Allowance for Center Console (if present)	PC1983	0.3 hrs
Additional Allowance for SRS Curtain Airbag (if present) for one side only	PC1985	0.4 hrs

OR:

DESCRIPTION	OP CODE	FRT
Inspect and RPL Harness Passenger Side	PC1981	2.6 hrs

And, in Combination Only IF Necessary, use the following Op Codes:

DESCRIPTION	OP CODE	FRT
Additional Allowance for Center Console (if present)	PC1983	0.3 hrs
Additional Allowance for SRS Curtain Airbag (if present) for one side only	PC1985	0.4 hrs

OR:

DESCRIPTION	OP CODE	FRT
Inspect & RPL Both Driver Side and Passenger Side Harnesses	PC1982	3.4 hrs

And, in Combination Only IF Necessary, use the following Op Codes:

DESCRIPTION	OP CODE	FRT
Additional Allowance for Center Console (if present)	PC1983	0.3 hrs
Additional Allowance for SRS Curtain Airbag (if present) for both sides	PC1984	0.8 hrs

Expense code:

EXPENSE CODE	DESCRIPTION	MAX AMOUNT
502	Rental Vehicle	3 Days

* Maximum rental amount is \$35.00 per day.

NOTE: Seat belt retractors with seat belt pretensioners should be disposed of in accordance with local and state regulations.

SERVICE PROCEDURE

Inspection Procedure 1 (Front Seatbelt Retractors)

Perform this inspection for both the left and right side front seatbelt retractors.

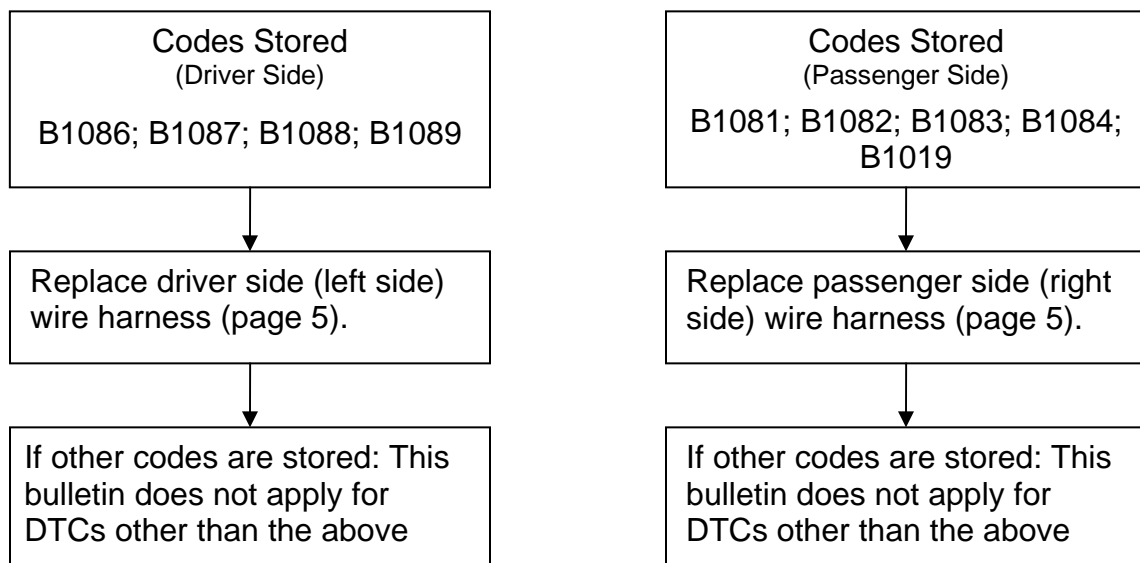
1. Extend (pull out) the front seat belt, and then let it retract (pull back).
2. Confirm the seat belt extends and retracts.

NG: Replace the seat belt and wire harness for that side (page 5).

OK: Go to Inspection Procedure 2.

Inspection procedure 2 (Air Bag Warning Light / Codes Stored)

1. Turn the ignition ON and observe the air bag warning light:
 - Light comes on for 7 seconds and then goes out: OK, go to Inspection Procedure 3 (next page).
 - Light stays ON or blinks: NG, go to next step (step 2).
 - Light does not come on at all: The warning light is not working correctly. This condition is not covered by this campaign. Use the Service Manual and standard warranty procedures to repair the warning light before proceeding.
2. Connect CONSULT-III plus to the vehicle and retrieve DTCs



Inspection Procedure 3 (Rear Door Speakers)

Perform this inspection for both the left and right side rear door speakers.

1. Turn the audio system ON.
2. Confirm sound is coming from the rear door speaker.

NG: Replace the wire harness for that side (page 5).

OK: Inspection End.

If all 3 inspection procedures check OK, no repair is needed

Harness Replacement (includes seat belt replacement, if needed)

NOTE:

- There are several model variations (power seats, audio, side air bag, navigation, etc). Due to these variations the harness removal photos in this procedure may not have the exact interior trim, connectors, and harness mounting locations as the vehicle you are working on.
- It is recommended that you mark the harness mounting location during disassembly.

Floor and Rear Door (Left and/or Right Side)

- This portion of the procedure is for the sections of the harness that are on the floor of the vehicle (under the carpet) and inside the rear door.
- The photos in this portion of the procedure are of the left side (driver side). If you are working on the right side (passenger side) the photos are a mirror image.

1. Write down the radio station presets.

Presets	1	2	3	4	5	6
A						
B						
C						

2. If equipped with power seats; move the seats to the “mid-point” position (half-way between full forward and full rearward).
3. Put the gear selector in the Neutral position and block the wheels so the vehicle will not move.
4. Turn the ignition to the OFF position and disconnect both battery cables—negative cable first.

5. Remove the front seat.

- a. Remove the 4 seat mounting bolts.
- b. Disconnect all of the seat electrical connectors.
- c. Remove the seat from the vehicle and place it in a clean area.

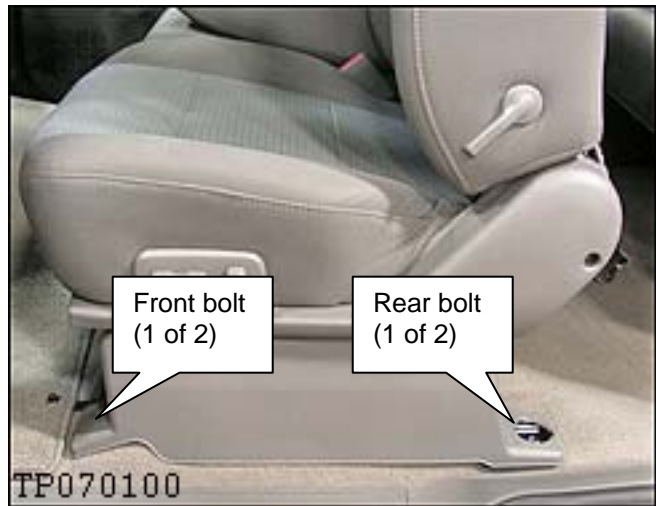


Figure C1

6. If equipped; remove sub woofer or navigation control unit.

Sub Woofer—under driver's seat

- a. Disconnect the electrical connector.
- b. Remove the 3 mounting bolts.
- c. Remove the sub-woofer from the vehicle.

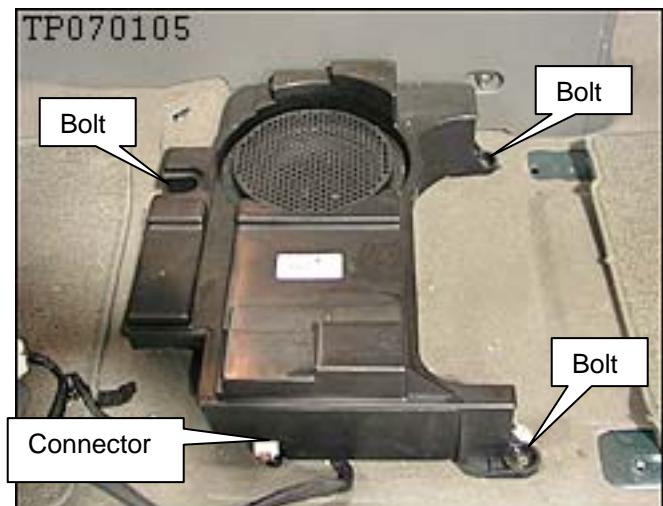


Figure C2

Navigation Control Unit—under passenger seat

- a. Remove the control unit cover; 2 bolts.



Figure C3

- b. Disconnect the electrical connectors.
- c. Remove the 3 mounting bolts.
- d. Remove the control unit from the vehicle.

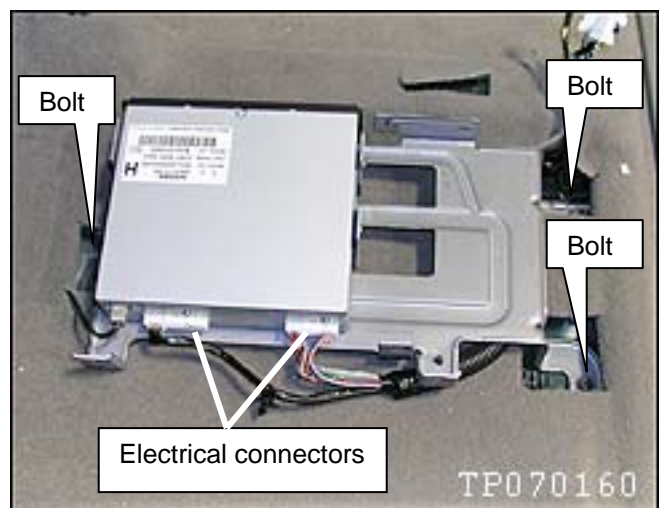


Figure C4

7. If equipped with front bench seat (shifter on steering column), remove the center seat and cup holder:

a. Remove the finisher at the rear of the center seat.



Figure C5

a. Remove the 4 center seat mounting bolts.
b. Remove the seat from the vehicle and place it in a clean area.

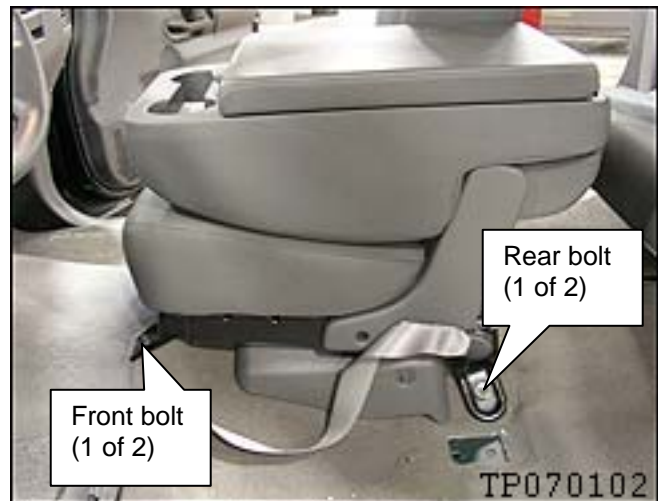


Figure C6

c. Remove 2 cup holder mounting bolts.
• Left side is shown, right side not shown
b. Remove the cup holder from the vehicle.

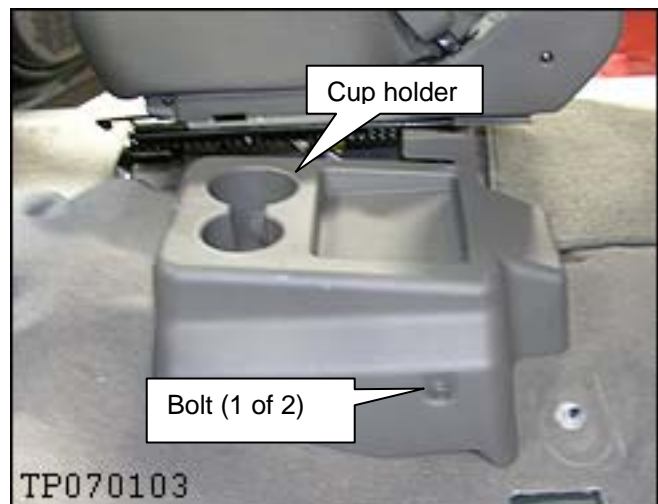


Figure C7

8. If equipped with front bucket seats (shifter is in the center console); remove the center console:
 - a. Remove 2 screws from the bottom of the glove box assembly.



Figure C8

- b. Remove 4 screws at the top of the glove box assembly, then
 - c. Remove the glove box assembly.

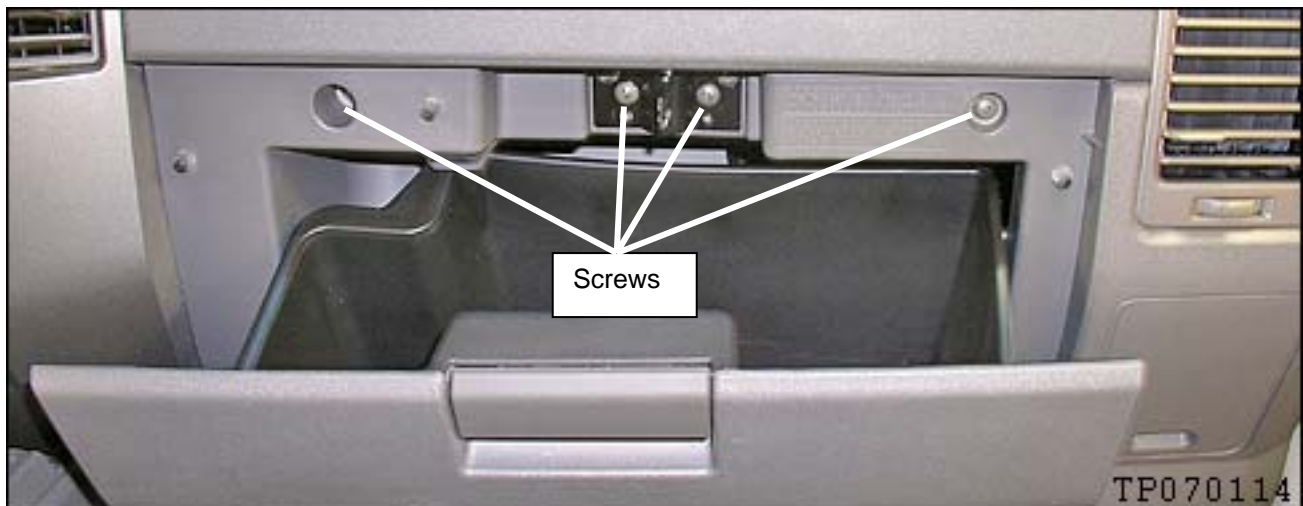


Figure C9

- d. At the front of the console; remove side covers and screws.
- Left side cover shown; remove right side cover also.
 - 1 screw on each side.



Figure C10

- e. Remove the shift knob; unscrew it counterclockwise.



Figure C11

- f. Lift and remove the shift finisher.
- Disconnect electrical connectors.



Figure C12

- g. Disconnect the shift cable.
 - Push the shift lever release to move shift lever to Park.
- h. Take the shift finisher harness loose from the console.

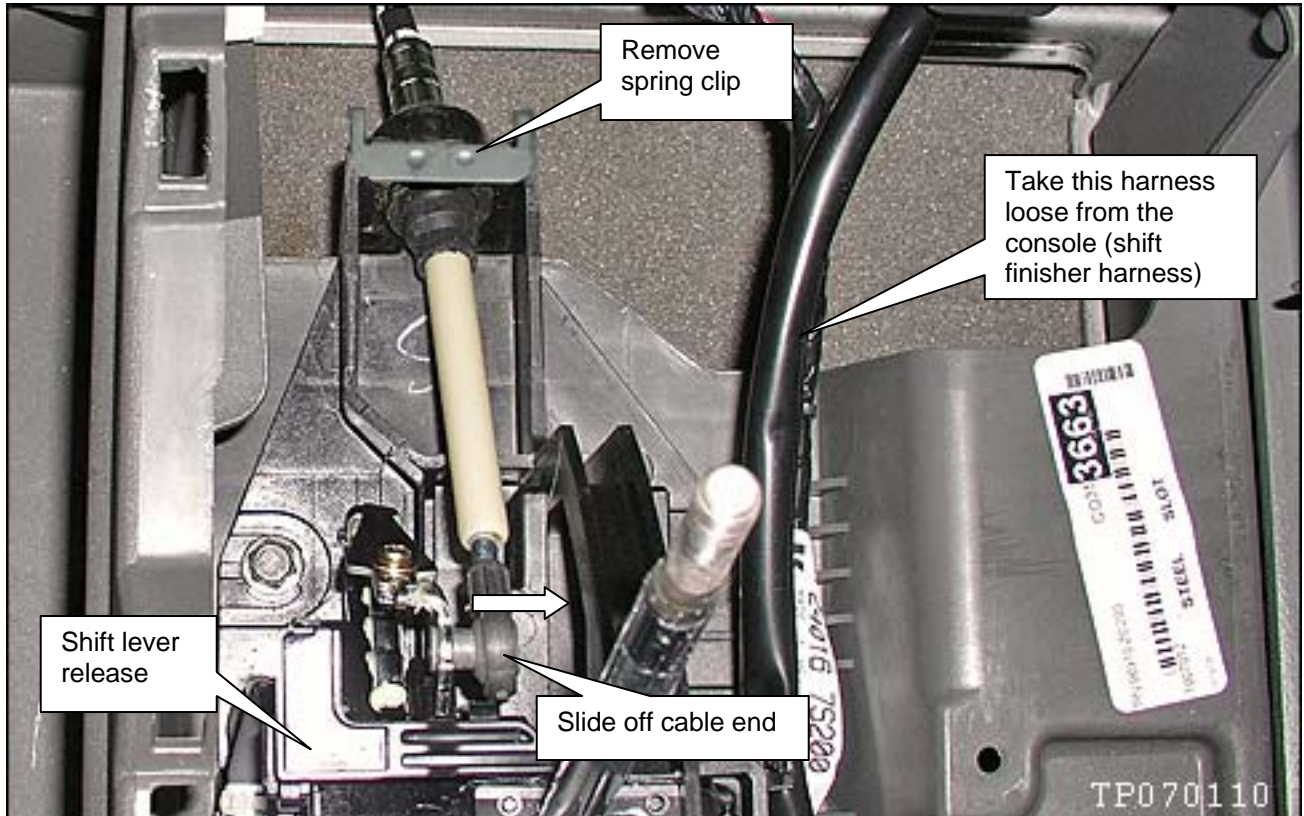


Figure C13

- i. At the front of the console, release harness mounting clips, disconnect harness connector, and remove 2 screws.

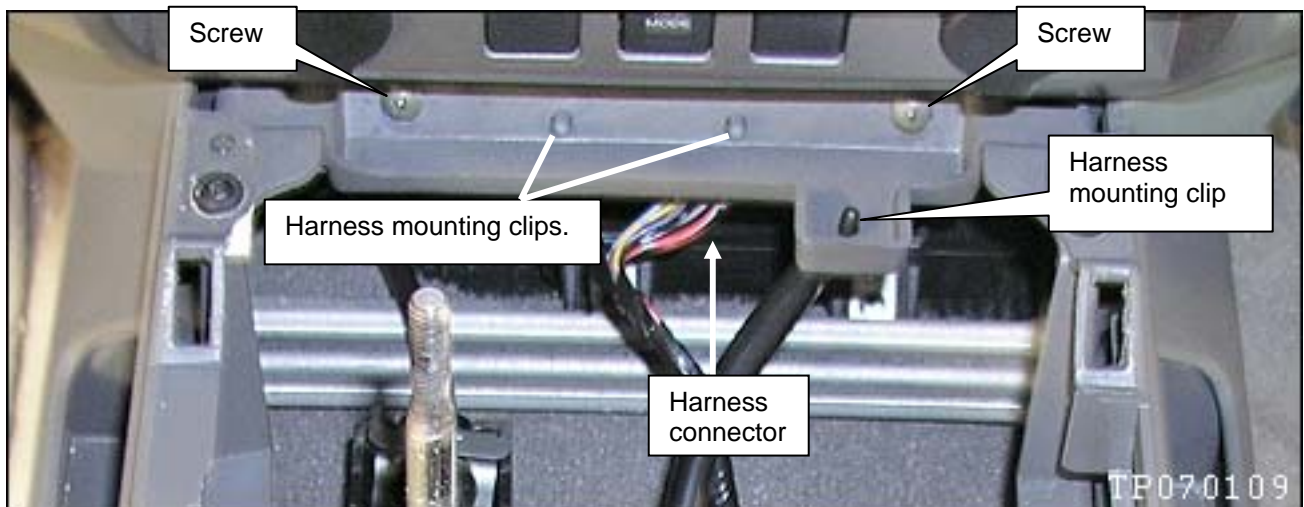


Figure C14

- j. Remove 4 screws from the bottom of the console compartments.



Figure C15

- k. Remove 2 bolts from the sides of the console.
- Left side is shown, right side not shown.



Figure C16

- l. Remove the center console from the vehicle.

9. Disconnect the harness SRS connector from the SRS control unit.

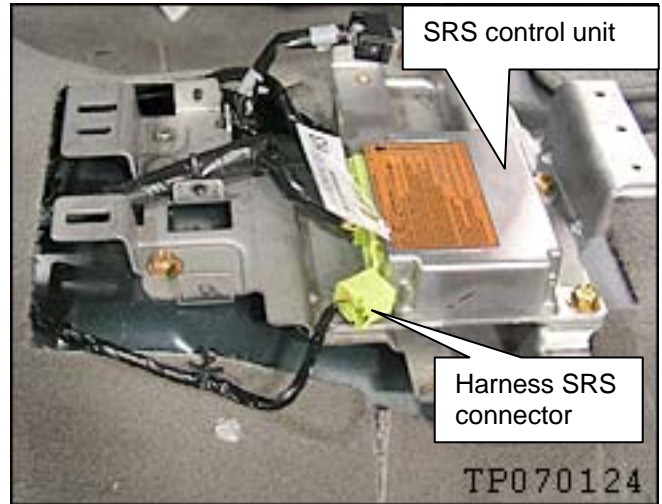


Figure C17

10. Remove the rear seat from the vehicle:
- Move the jack out of the way.
 - Remove the center seat belt retractor anchor bolt.
 - Remove the 8 seat mounting bolts.
 - Remove the seat from the vehicle and place it in a clean area.
- NOTE:** Use two people to lift the rear seat out of the vehicle.

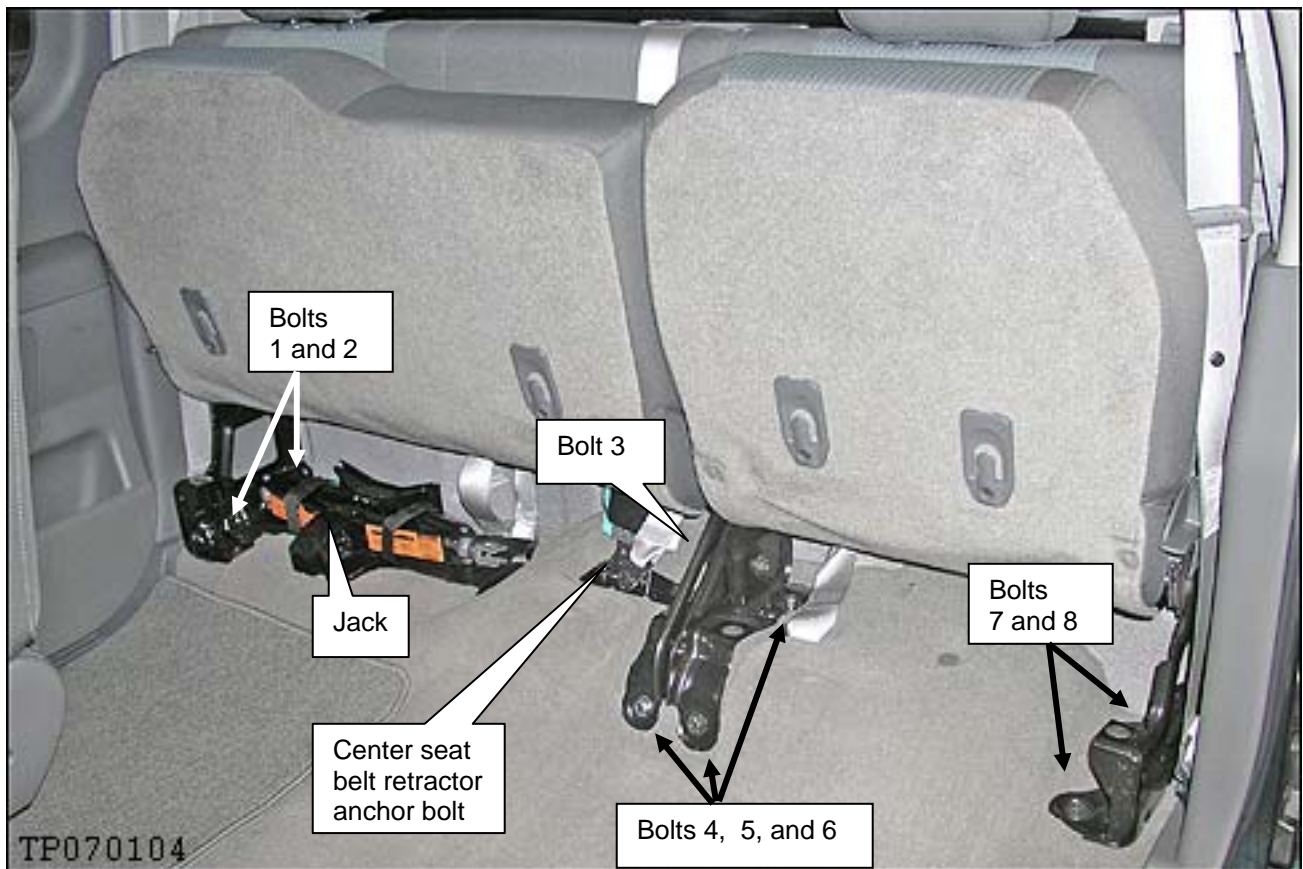


Figure C18

11. Remove the front kick plate.

- Use a plastic trim tool to snap it loose.



Figure C19

12. Remove the rear kick plate;

- Use a plastic trim tool to snap it loose.



Figure C20

13. Remove the lower dash side finisher.

- There is a plastic clip behind the parking brake lever.

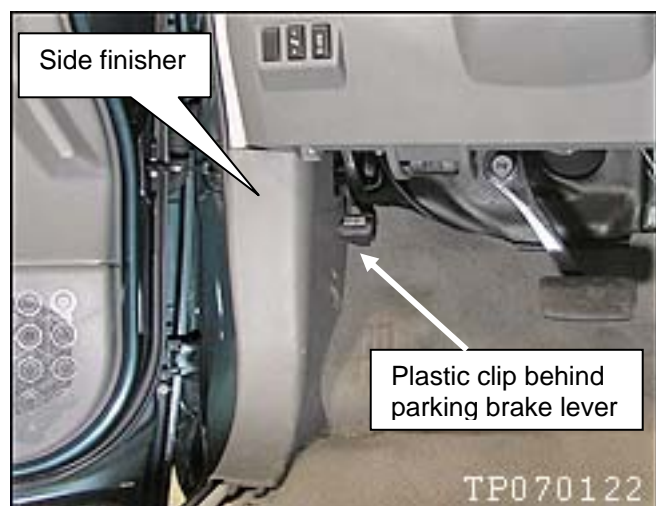


Figure C21

14. Disconnect each of the electrical connectors on the connector support.

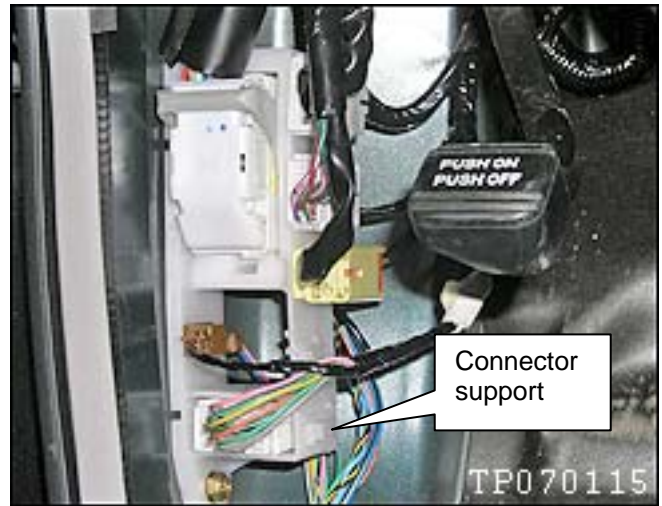


Figure C22

15. Remove the connector support.

For each connector that is not part of the body harness:

- a. Use a small flat blade screwdriver to unlock the connector mounts,
- b. Then slide the connectors forward to remove them from the connector support.

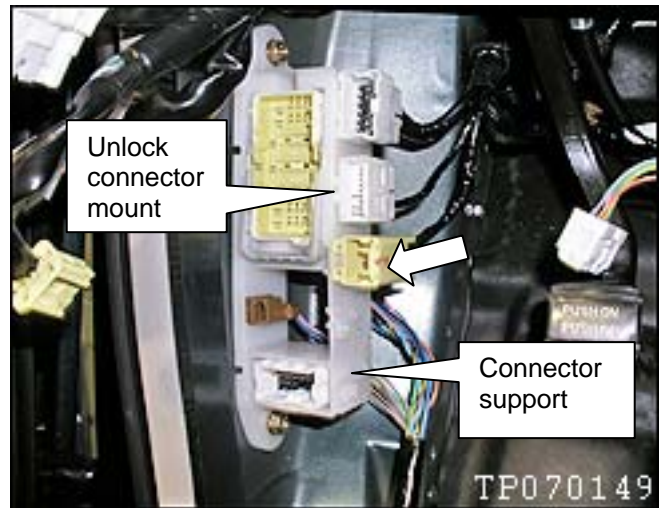


Figure C23

- c. Remove the 2 connector support bolts.
- d. Slide the connector support UP to remove it.

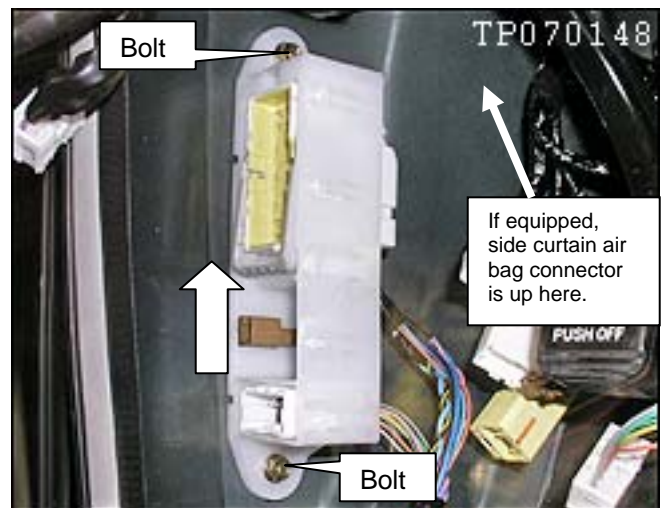


Figure C24

16. If equipped with side curtain air bags:

- If you are replacing the **passenger side** harness; steps for disconnecting the side curtain air bag will be covered later in this procedure.
- If you are replacing the driver side harness, disconnect the side curtain air bag as follows.

- a. Remove the 3 mounting nuts for the parking brake pedal assembly and move the assembly out of the way.

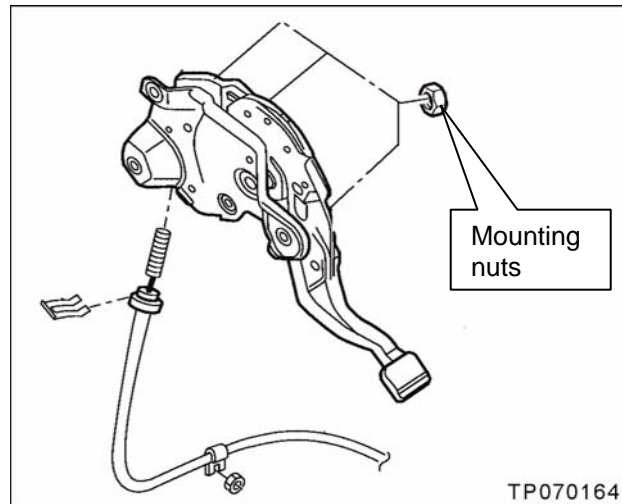


Figure C25

- b. From the floor, look up towards the front pillar and locate the side curtain air bag connector.
- c. Disconnect the side curtain air bag.
- d. Take the harness branch loose from the body.

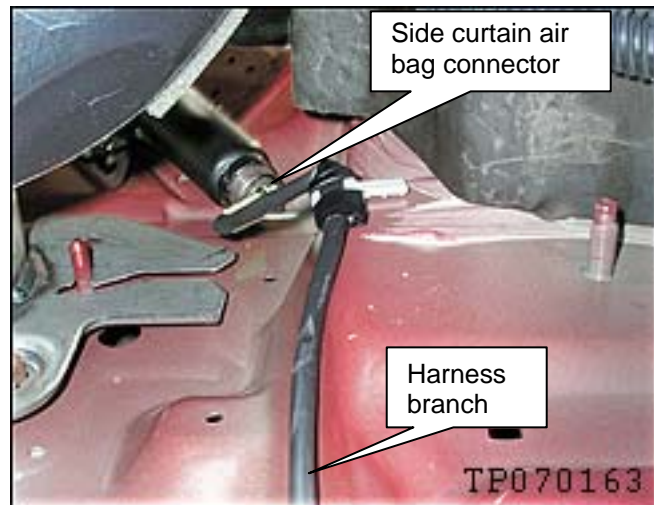


Figure C26

17. Remove the lower anchor bolt for the rear seat belt.



Figure C27

18. Remove the lower side finisher.

- Use a plastic trim tool.



Figure C28

19. Remove the seat belt retractor; 1 bolt.

20. Remove the harness ground bolt.

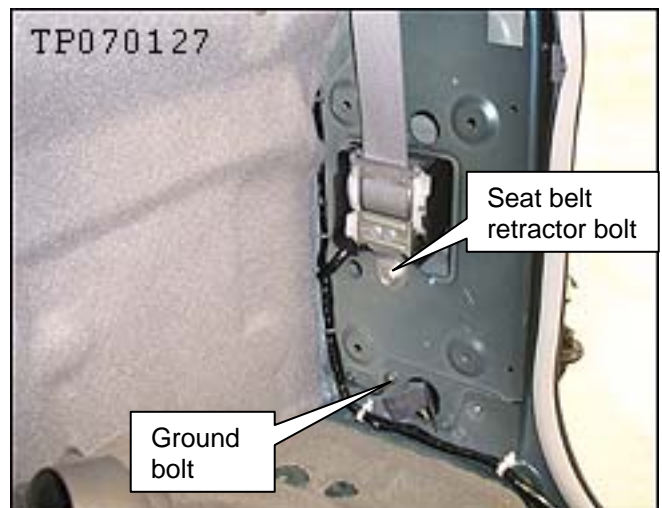


Figure C29

21. Remove the floor mat holder.

22. Remove the carpet clips shown in the figure below.



Figure C30

23. Pull the seat branch through the carpet.

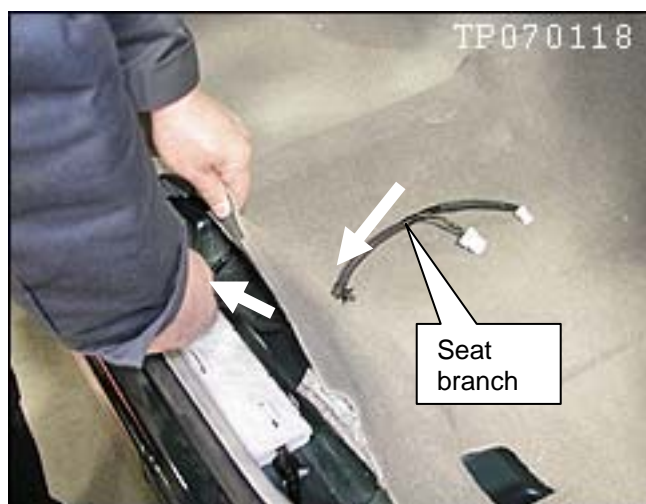


Figure C31

24. Lift the floor carpet, remove the ground bolt and take the SRS branch loose from the floor.

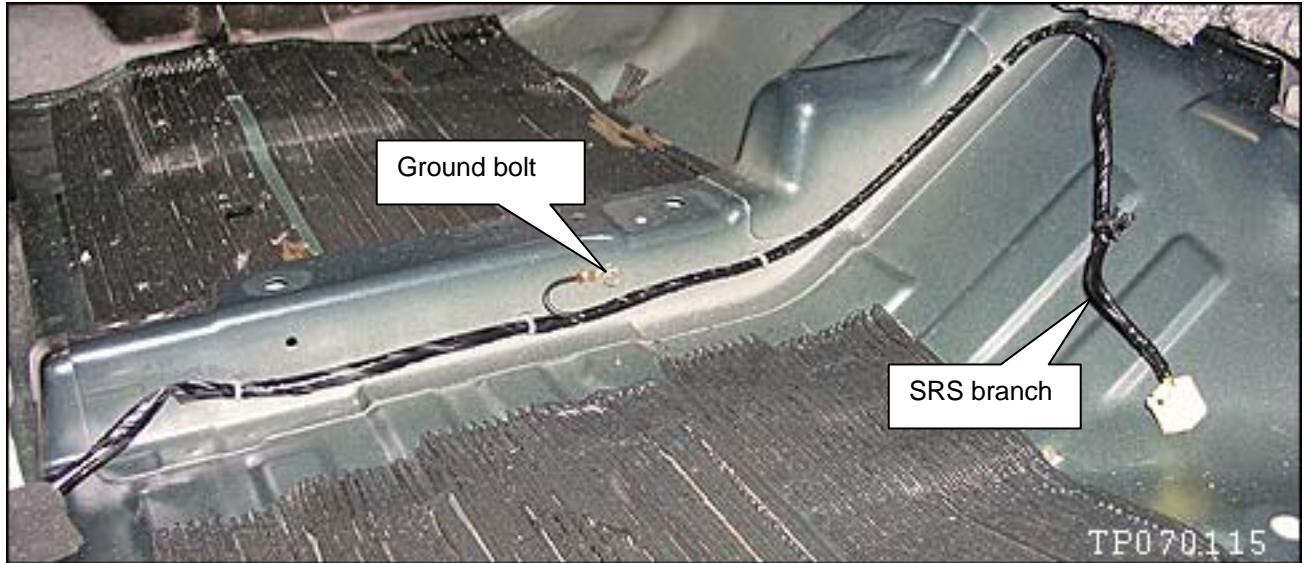


Figure C32

25. Snap the plastic harness protector loose from the floor.



Figure C33

26. Take the harness loose from along the floor.

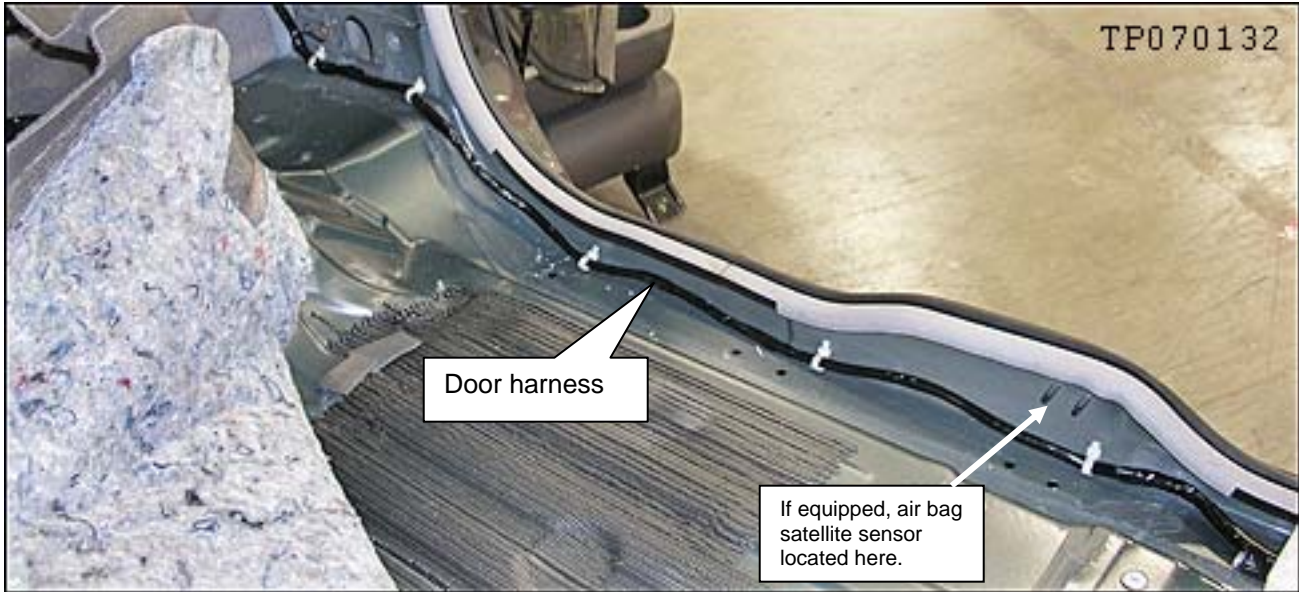


Figure C34

NOTE: If the vehicle is equipped with side curtain air bags, disconnect the air bag satellite sensor that's located on the rocker panel (see figure above).

27. On the rear door, remove the lower seat belt anchor bolt.

NOTE: For the passenger side, this bolt does not need to be removed unless you are going to replace the seat belt.

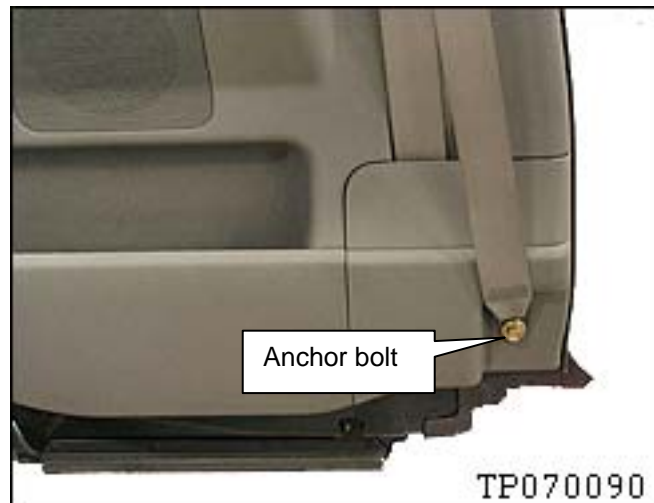


Figure C35

28. Remove the seatbelt retractor cover.

- Use a plastic trim tool.



Figure C36

29. Carefully remove the D-ring bolt cover.



Figure C37

30. Remove the D-ring bolt.



Figure C38

31. Snap loose the armrest.

- Use a plastic trim tool.



Figure C39

32. Remove the 3 bolts shown in Figure C40.

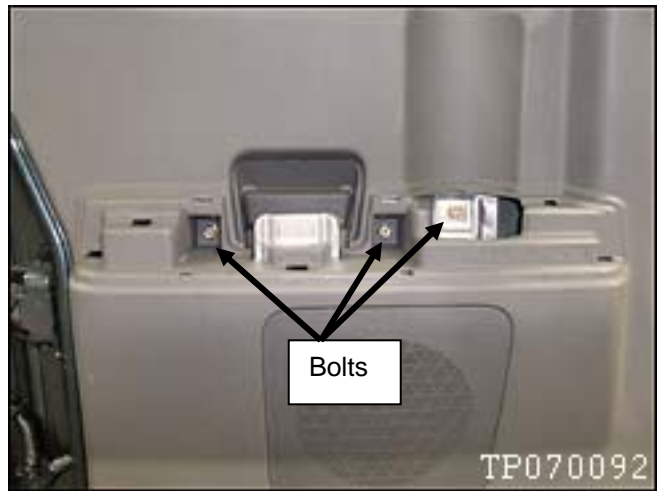


Figure C40

33. Remove the rear door panel.

- Use a plastic trim tool.



Figure C41

34. Disconnect the 5 connectors shown in the figure below.

NOTE: The passenger side will have a 6th connector (not shown).

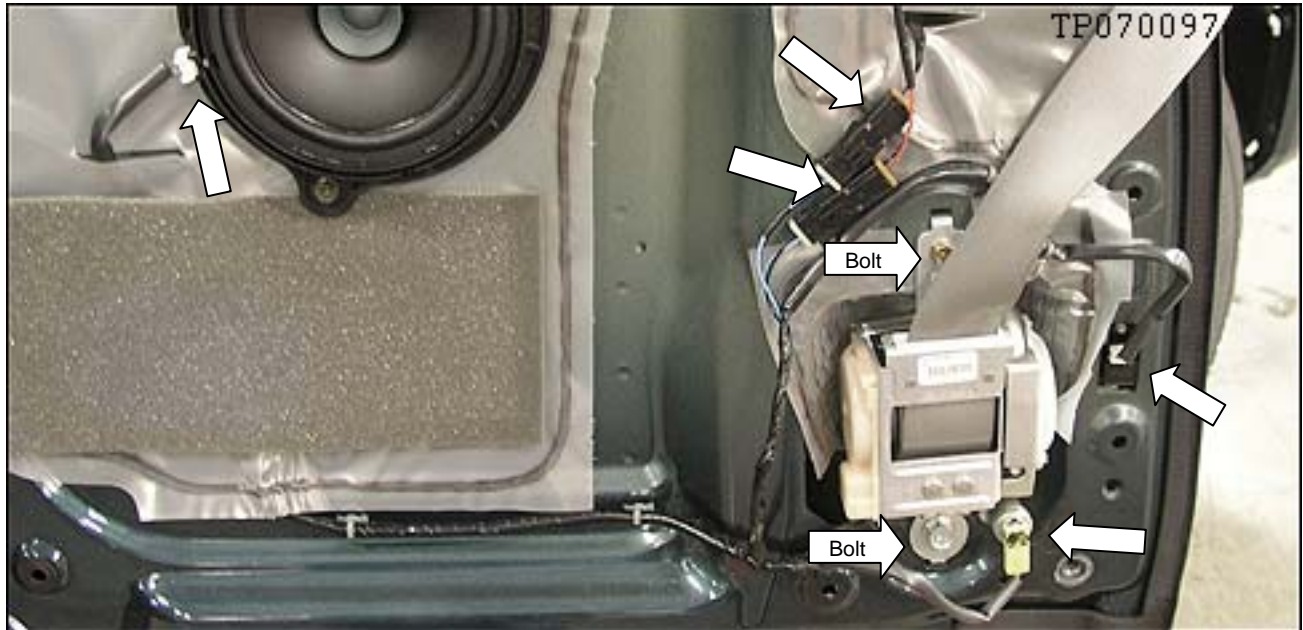


Figure C42

35. If the result for Inspection Procedure 1 was NG (seat belt retractor will not extend or retract; remove the 2 seat belt retractor bolts and remove the seat belt.

- During reassembly, install a new seat belt.

NOTE: Seat belt retractor with seat belt pretensioner should be disposed of in accordance with local and state regulations.

36. Take the harness loose from the door mounting points.

37. Pull the harness out of the door.

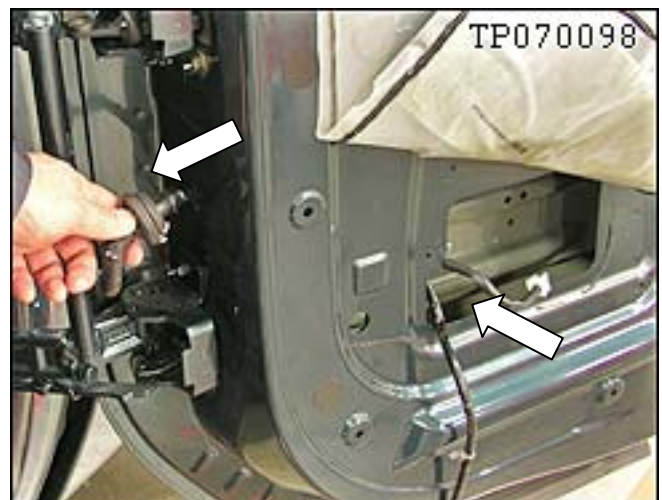


Figure C43

38. Remove the upper door hinge finisher;
2 clips.

39. Take the harness loose from the hinge
rod and the body.

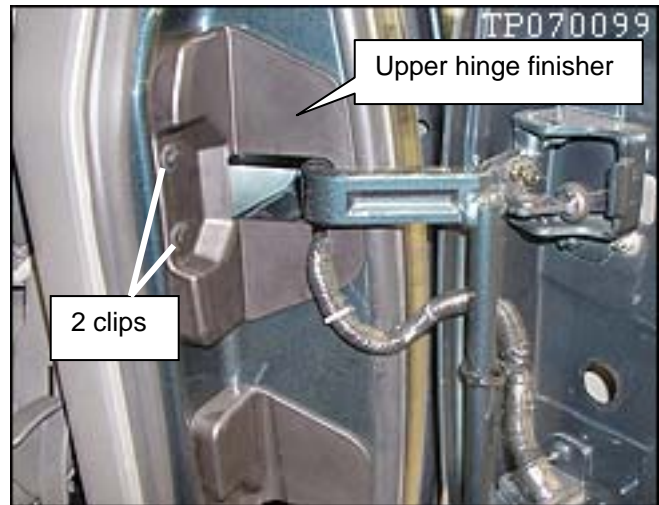


Figure C44

40. Pull the harness through the body.



Figure C45

For passenger side (right side) harness, skip to step 51

Rear Cabin Wall Harness Branch (driver side / left side only); if equipped with rear sonar and/or differential lock

41. Lift the carpet on the rear cabin wall.

42. Disconnect the control unit(s).

43. Take the harness loose from the rear cabin wall.

44. Harness should now be completely loose—remove it from the vehicle.



Figure C46

NOTE: The vehicle you are working on may have a differential lock control unit (not shown) mounted near the sonar control unit.

45. Install the new harness in reverse order. Make sure of the following:

- All harness mounting clips are installed in the correct locations.
- Seat, seat belt, and parking brake pedal bolts are tightened to correct torque:

Parking Brake Pedal Mounting Bolts	12.7 N.m (1.3 k-gm, 9 ft-lb)
Front Seat Belt Anchor, Retractor, D-Ring	49 N.m (5.0 k-gm, 36 ft-lb)
Rear Seat Belt Anchor, Retractor, D-Ring	55.8 N.m (5.7 k-gm, 41 ft-lb)
Rear Seat Mounting Bolts	46.6 N.m (4.8 k-gm, 34 ft-lb)
Front Seat Mounting Bolts	45 N.m (4.6 k-gm, 33 ft-lb)

IMPORTANT:

- During installation of the new harness you will find some connectors taped to the harness as shown in the figure below.
- Some of the connectors will be for options that the vehicle you are working on does not have.
- Un-tape the connectors that are needed. Leave the connectors you don't need taped to the harness.

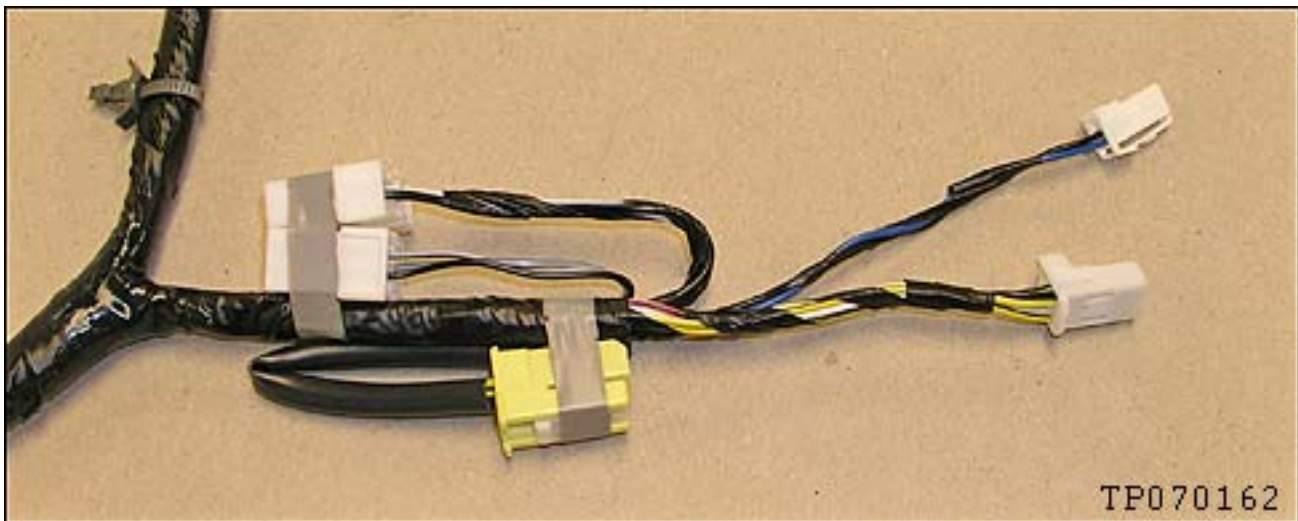


Figure C47

46. Connect both battery cables—positive cable first.

47. Reset the radio station presets.

48. If Inspection Procedure 1 was NG, or Inspection Procedure 2 result was “light stays on or blinks”; connect CONSULT-III plus and erase Air Bag DTCs.

Final Quality Checks

49. Check the harness grommet and hinge rod clip installation.

- Make sure the arrow on the harness grommet, where it goes into the door, is pointing UP, as shown.



Figure D22

- Make sure the hinge rod clip is below the bracket on the hinge rod as shown.

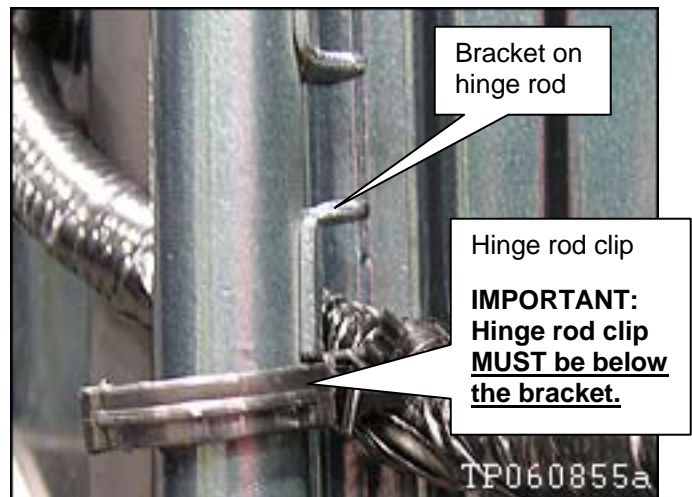


Figure D23

50. Make sure all systems related to the harness replacement are functioning correctly and the air bag light operates correctly.

Air bag light operation check:

- a. Turn the ignition OFF and then ON.
- b. Observe the air bag warning light.
- c. Make sure the air bag warning light comes on for 7 seconds and then goes out.

High Mount Stop Lamp Harness Branch (Passenger Side / Right Side Only)

51. Remove the rear seat belt D-ring covers and bolts—left and right side.



Figure D1

52. Remove the rear upper finishers—left and right side.

- Remove the clip.
- Use a plastic trim tool.



Figure D2

53 Remove the upper door latch striker covers—left and right side.

- 1 screw on each side.

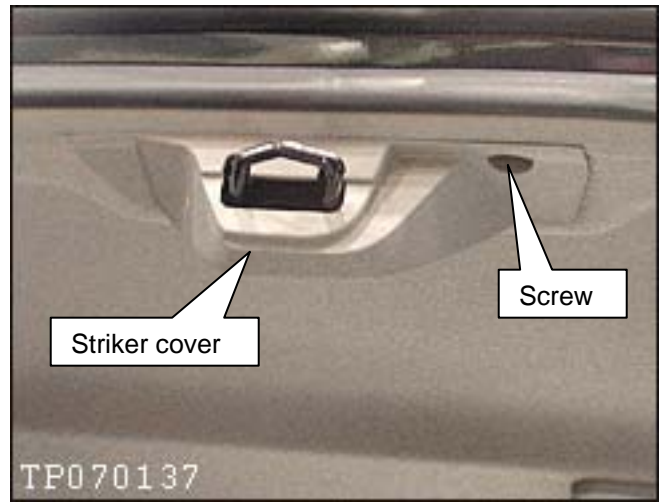


Figure D3

54. Remove the coat hangers; left and right side.

- 1 screw for each coat hanger.



Figure D4

55. Remove the assist grip (passenger side only).

- Open the side bolt covers.
- Remove the 2 bolts.

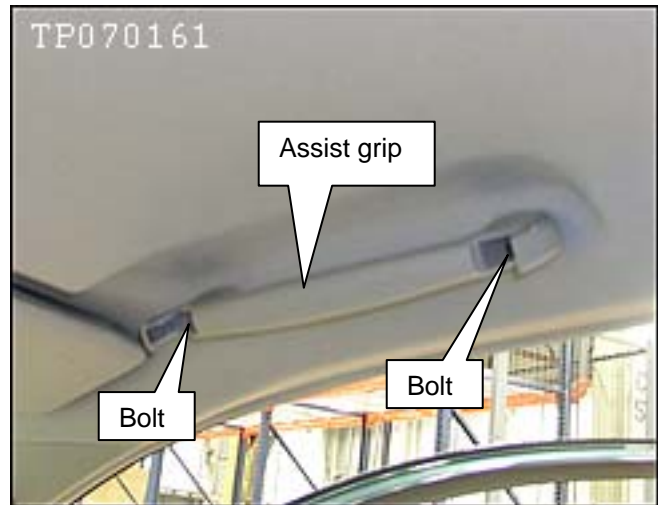


Figure D5

56. Remove the dome lamp.

- a. Remove the clear lamp cover
- b. Remove the 2 screws.
- c. Let the lamp hang by the electrical connector.



Figure D6

57. Remove the 5 screws (shown in the figure below) from the center roof console.

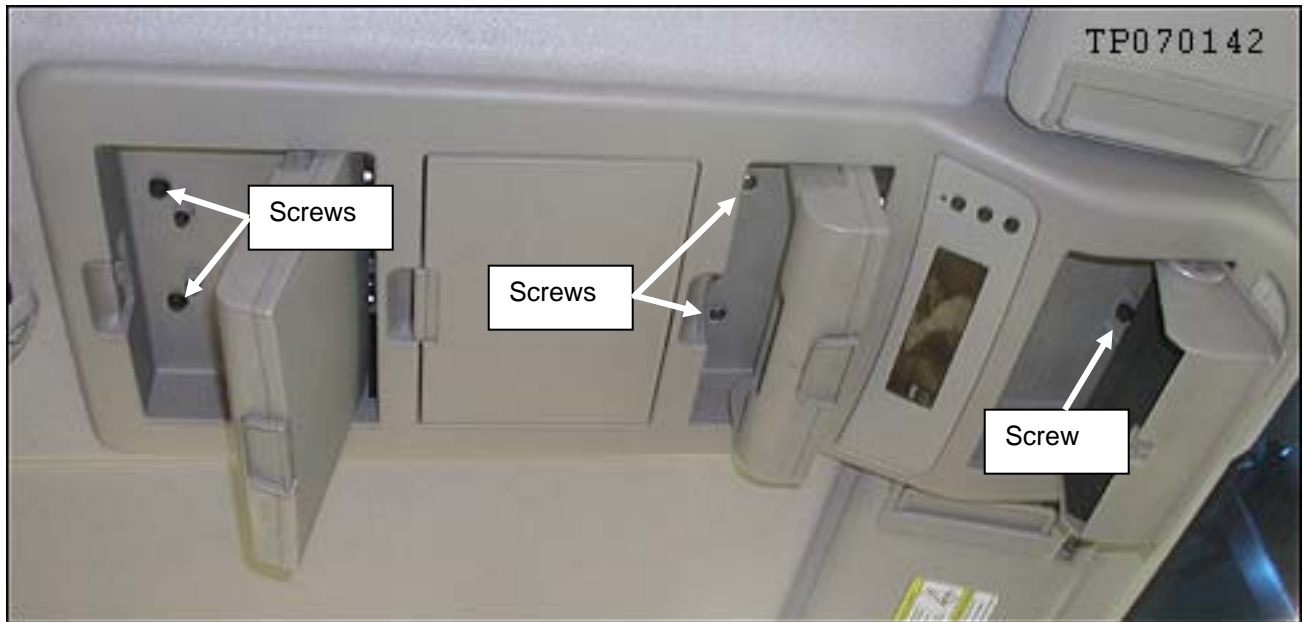


Figure D7

58. Pull the console loose at the rear and let it hang in place.



Figure D8

59. Pull the door welt loose from the top and rear of the door opening (both sides).

CAUTION: Don't get butyl sealer from the welt on any of the interior trim surfaces.



Figure D9

60. Carefully pull down the side of the headlining, at the rear, just enough to get your arm above it.

61. Reach above the headlining and pop loose the rear clips (left and right side).

- 2 clips on each side.



Figure D10

62. Look above the headlining, locate and disconnect the high mount brake light connector.

63. Take the harness loose from the body roof.



Figure D11

64. Take the harness loose from the side of the cabin.



Figure D12

65. If equipped with side curtain air bags; disconnect the side curtain air bag module as follows:

- a. Remove the right side sun visor, 2 screws under the trim cover.
 - Use a plastic trim tool to remove the trim cover.
 - Disconnect the electrical connector.

- b. Remove the right side sun visor holder, twist $\frac{1}{4}$ turn to remove.

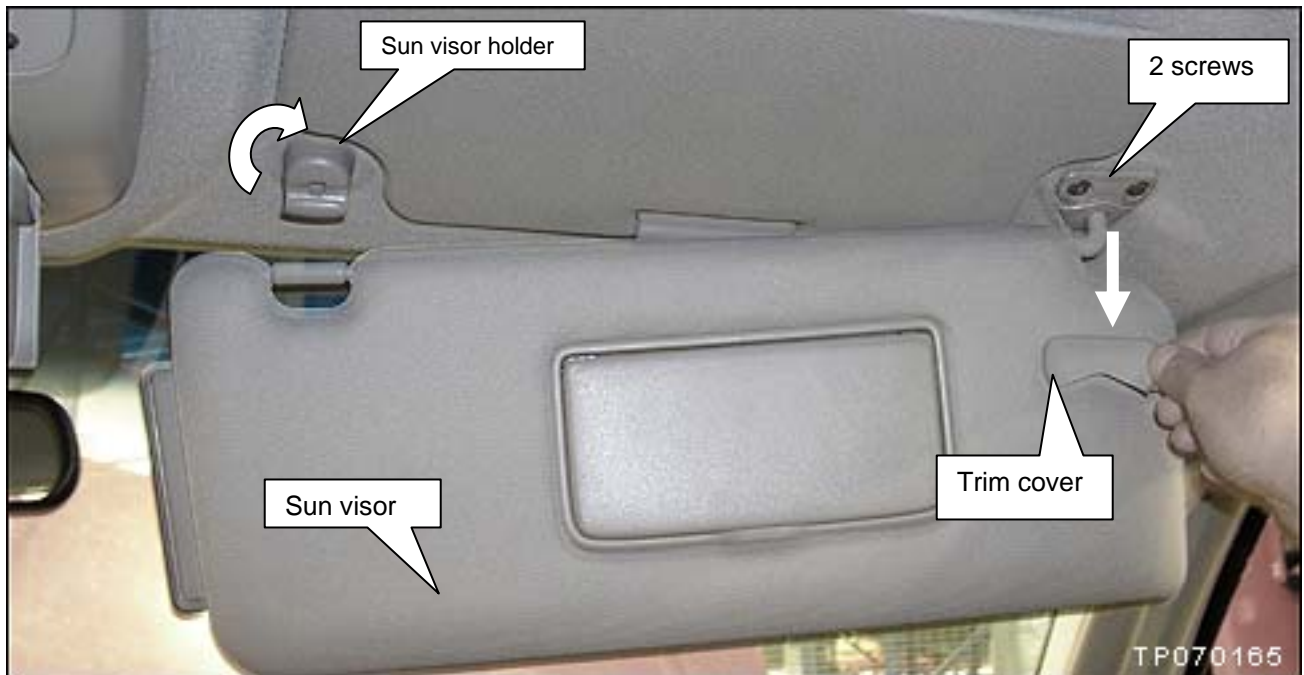


Figure D13

- c. Remove the right side dual sun visor assembly.
 - Use a plastic trim tool as shown.

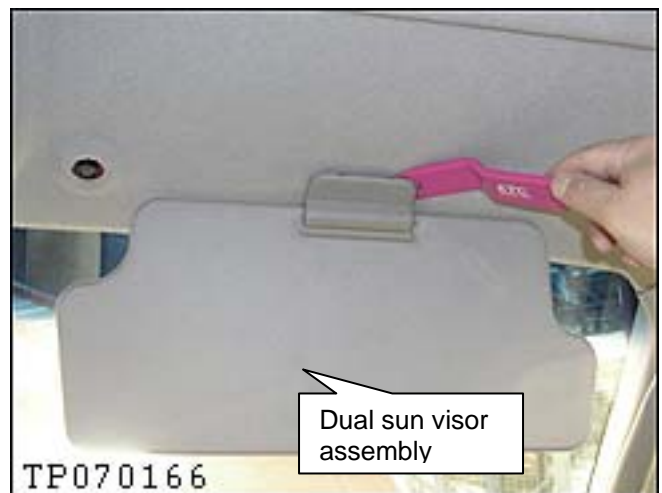


Figure D14

- d. Remove the front pillar assist grip;
- 2 bolts; under end covers.



Figure D15

- e. Remove the front pillar finisher.
- Use a plastic trim tool.



Figure D16

NOTE: With the sun visor and front pillar finisher removed the headlining will be loose all along the passenger side. This will allow access to the side curtain air bag mounting bolts.



Figure D17

- f. Take the side curtain air bag branch of the harness loose from the body.



Figure D18

- g. Remove the 10 side curtain air bag mounting bolts.

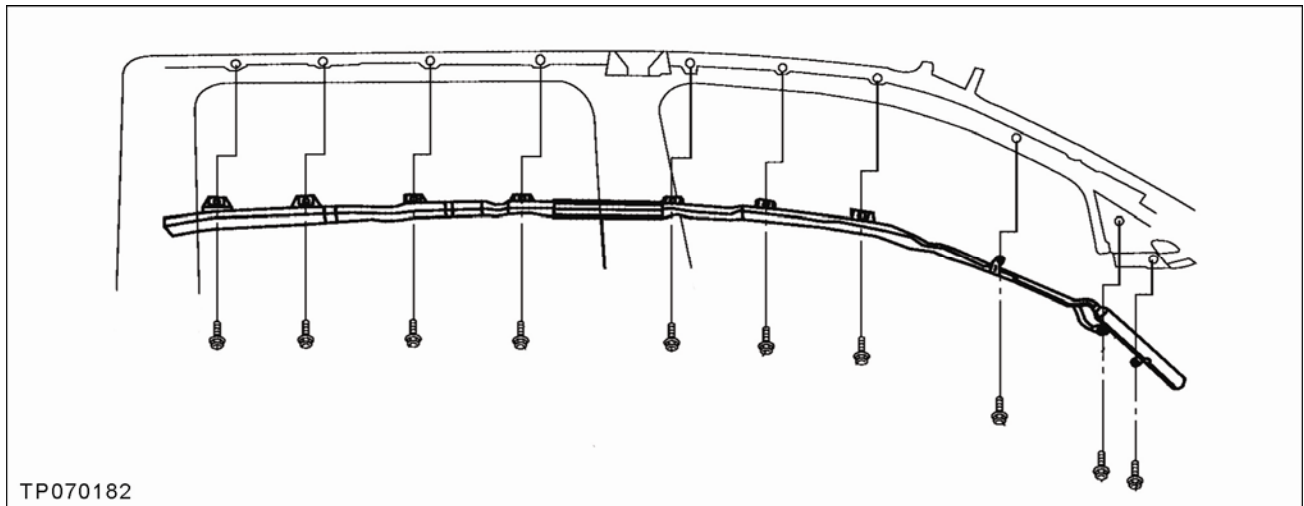


Figure D19

- h. Remove the side curtain air bag module and disconnect the electrical connector.



Figure D20

66. Harness should now be completely loose—remove it from the vehicle.

67. Install the new harness in reverse order. Make sure of the following:

- All harness mounting clips are installed in the correct locations.
- Seat, seat belt, and air bag bolts are tightened to correct torque:

Side curtain air bag mounting bolts	8.3 N.m (0.85 k-gm, 73 in-lb)
Front Seat Belt Anchor, Retractor, D-Ring	49 N.m (5.0 k-gm, 36 ft-lb)
Rear Seat Belt Anchor, Retractor, D-Ring	55.8 N.m (5.7 k-gm, 41 ft-lb)
Rear Seat Mounting Bolts	46.6 N.m (4.8 k-gm, 34 ft-lb)
Front Seat Mounting Bolts	45 N.m (4.6 k-gm, 33 ft-lb)

IMPORTANT:

- During installation of the new harness you will find some connectors taped to the harness as shown.
- Some of the connectors will be for options that the vehicle you are working on does not have.
- Un-tape the connectors that are needed. Leave the connectors that are not needed taped to the harness.

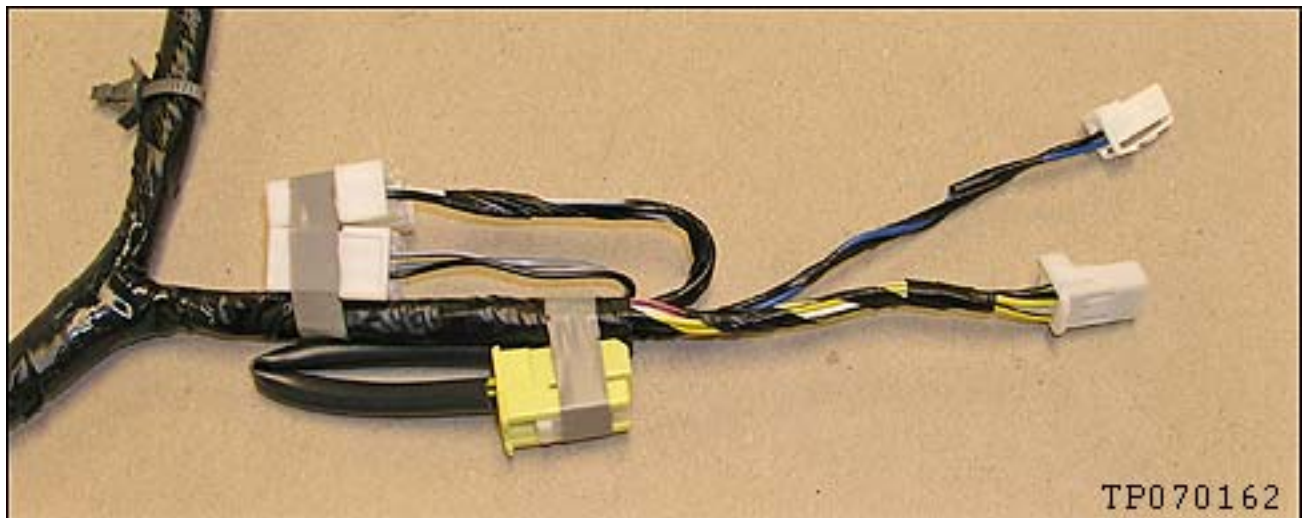


Figure D21

68. Connect both battery cables—positive cable first.

69. Reset the radio station presets.

70. If Inspection Procedure 1 was NG, or Inspection Procedure 2 result was “light stays on or blinks”; connect CONSULT-III plus and erase Air Bag DTCs.

Final Quality Checks

71. Make sure the arrow on the harness grommet, where it goes into the door, is pointing UP, as shown.



Figure D22

72. Make sure the hinge rod clip is below the bracket on the hinge rod as shown.

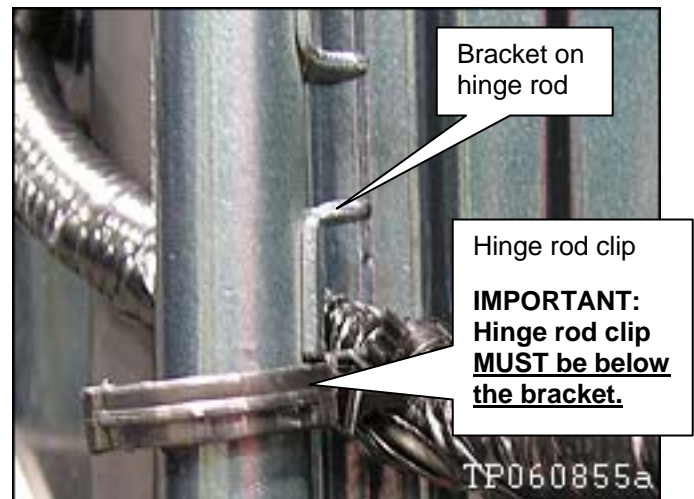


Figure D23

73. Check the air bag light operation as follows:

- a. Turn the ignition OFF and then ON.
- b. Observe the air bag warning light.
- c. Make sure the air bag warning light comes on for 7 seconds and then goes out.

74. Confirm that all systems related to the harness replacement are functioning correctly.