

Reference:

0904-108 (ITB09-023) (RS09-002)

Date:

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**VOLUNTARY SERVICE CAMPAIGN
2003 - 2005 INFINITI Q45, 2003 - 2004 INFINITI M45
FRONT SEAT SIDE AIR BAG HARNESS CONNECTOR**

CAMPAIGN ID#: P9218**APPLIED VEHICLES:** 2003 – 2005 Q45 (F50)
2003 – 2004 M45 (Y34)

NOTE: Use Service Comm to confirm campaign eligibility.

INTRODUCTION

Some Model Year 2003-2005 Q45 and 2003-2004 M45 vehicles may develop increased electrical resistance in the connector for the seat-mounted side air bag due to movement of the connector. If this occurs, the seat-mounted air bag may deactivate and the red air bag warning lamp will illuminate on the dash to warn the driver. To remedy this potential condition, Infiniti is conducting this Voluntary Service Campaign to provide additional stability for the seat-mounted side air bag connector at no charge for parts or labor.

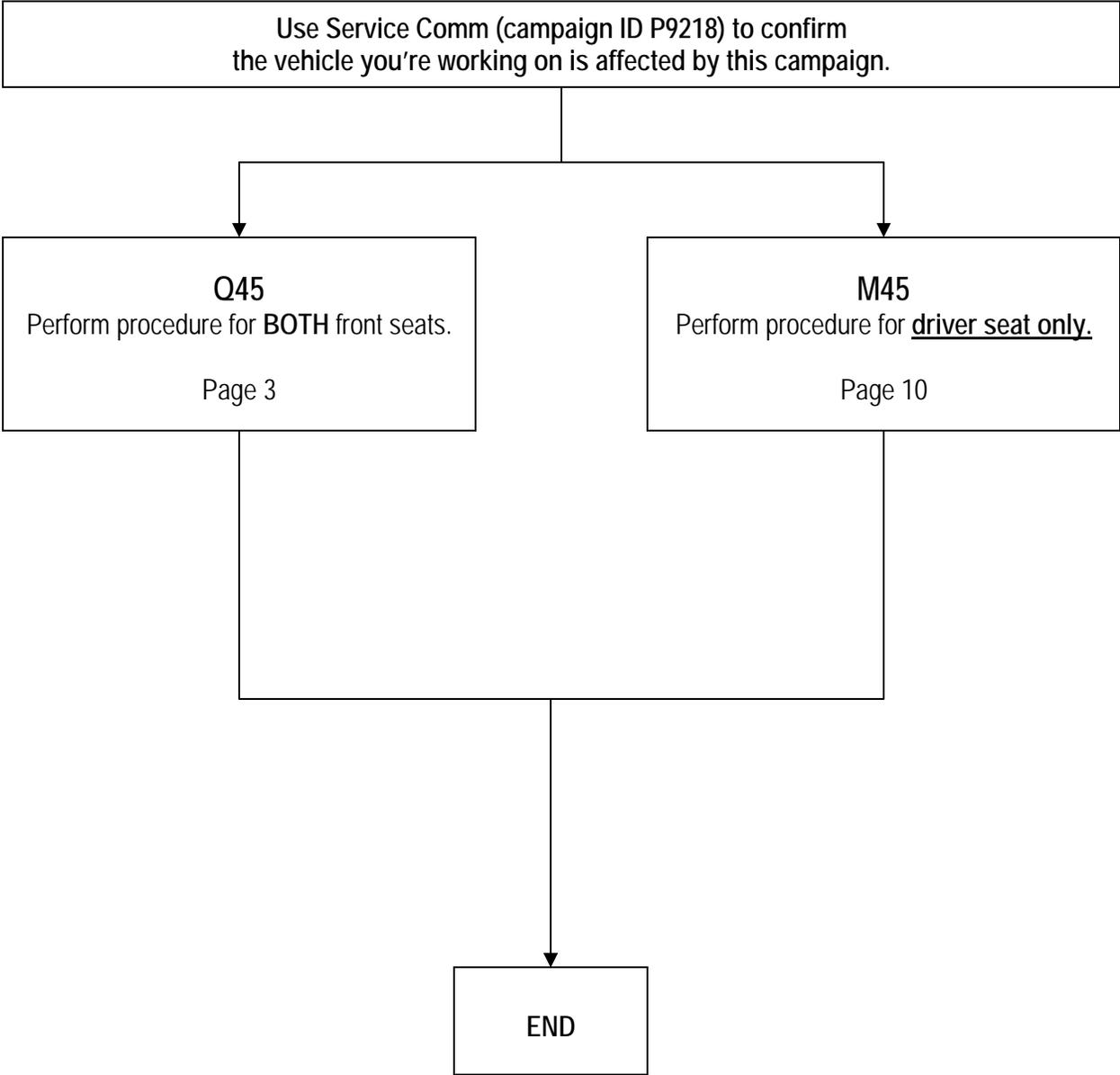
IDENTIFICATION NUMBER

Infiniti has assigned identification number P9218 to this campaign. This number must appear on all communications and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

Dealers are to correct each vehicle falling within the range of this campaign that enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners and vehicles in a dealer's inventory.

Repair Overview



SERVICE PROCEDURE

For M45, go to page 10

Repair for Q45

NOTE: Make sure to perform this repair on **both** of the front seats.

1. Operate the power seat to the full REAR and the full UP positions.

NOTE: Driver seat is shown. The passenger seat is similar.



Figure 1

2. Write down all radio station presets.

Presets	1	2	3	4	5	6
AM						
FM-1						
FM-2						

3. Turn ignition OFF and disconnect both battery cables (negative cable first).
4. Wait at least 3 minutes after the battery cables are disconnected.

5. Remove the front finisher from the seat.

- First pull forward,
- Then pull to the side.

NOTE: Driver seat is shown. The passenger seat is a mirror image of the driver seat.



Figure 2

6. Twist the finisher to expose the air bag harness and connector mounting clips.
7. Disconnect the air bag harness and connector mounting clips.

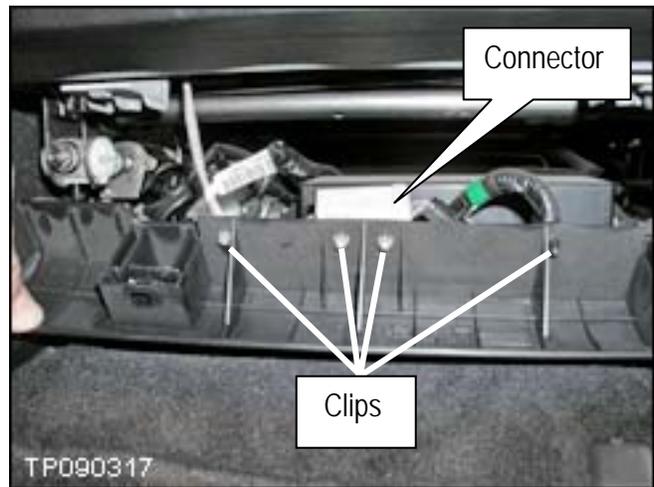


Figure 3

8. Remove the finisher from the vehicle and place it on a clean working surface.

NOTE: Modifications will be performed on the finisher later in the procedure.

9. Disconnect and reconnect the side air bag harness connector 3 times.

NOTE: This step is used to clean the connector contacts and ensure good continuity through the connector.

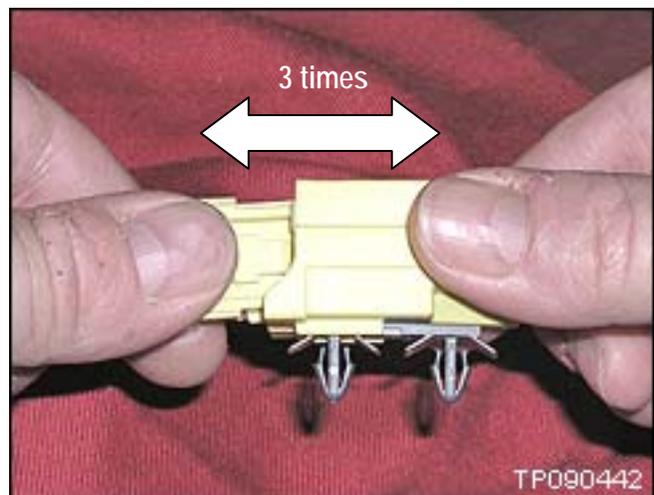


Figure 4

10. Mix a small amount (about ½ ounce) of “5 MINUTE® EPOXY” in a suitable mixing tray.

NOTE: See the Parts Information for product detail and MSDS information.

CAUTION:

- Use chemical resistant gloves when handling this product.
- Wear safety glasses with side shields.



Figure 5

11. Place covers on the floor and seat to protect against epoxy spills.

12. Apply the epoxy to the back side (wire gates) of the side air bag harness connector (see Figure 6).

- Apply epoxy to all 4 wire gates.
- Work epoxy into the wire gates.
- Apply epoxy about 5 mm wide around the wire and 4 mm from the connector (see Figure 6)

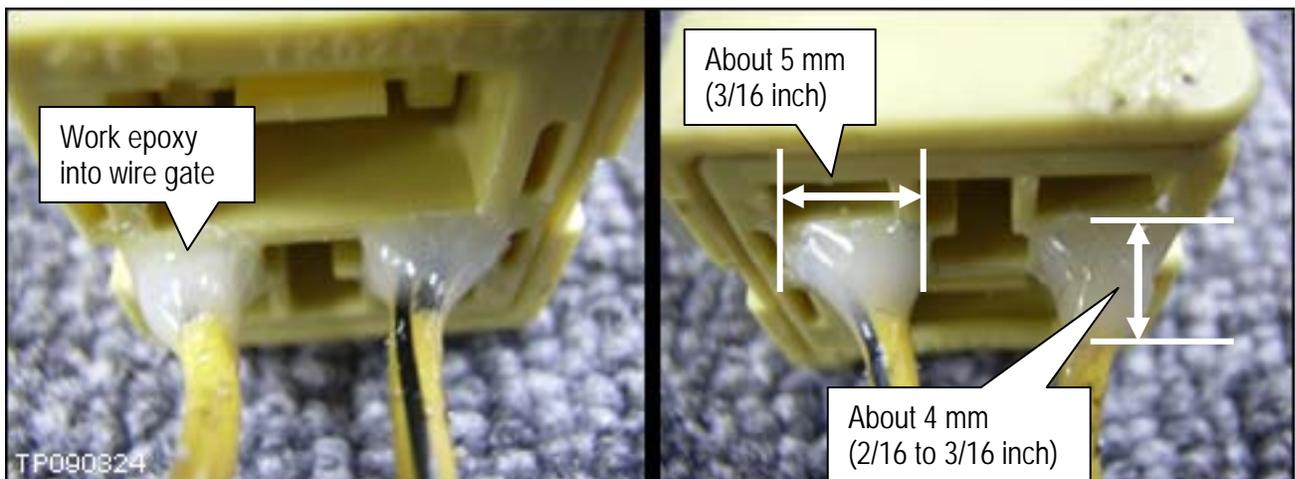


Figure 6

13. Install a tie-wrap (P/N 24225 – 79960) around the connector as shown in Figure 7.
 - a. Route the tie-wrap between the wires.
 - b. Pull the tie-wrap tight.
 - c. Cut off the excess tie-wrap.

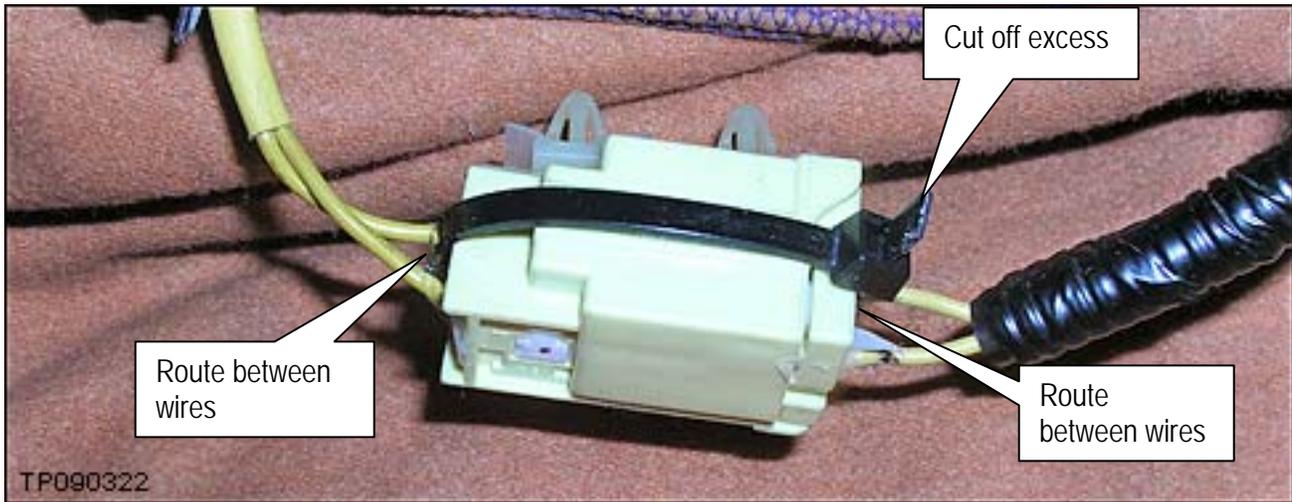


Figure 7

NOTE: Leave the connector undisturbed while you perform the next step. The epoxy needs to cure for 5 minutes

14. On the back side of the finisher, cut approximately 20 mm ($\frac{3}{4}$ inch) off of the 5 center ribs (see Figures 8, 9, and 10).

NOTE:

- The side air bag harness connector mounting point will be moved from the bottom of the finisher to inside the finisher.
- The ribs must be cut to allow room to mount the connector and harness clips.

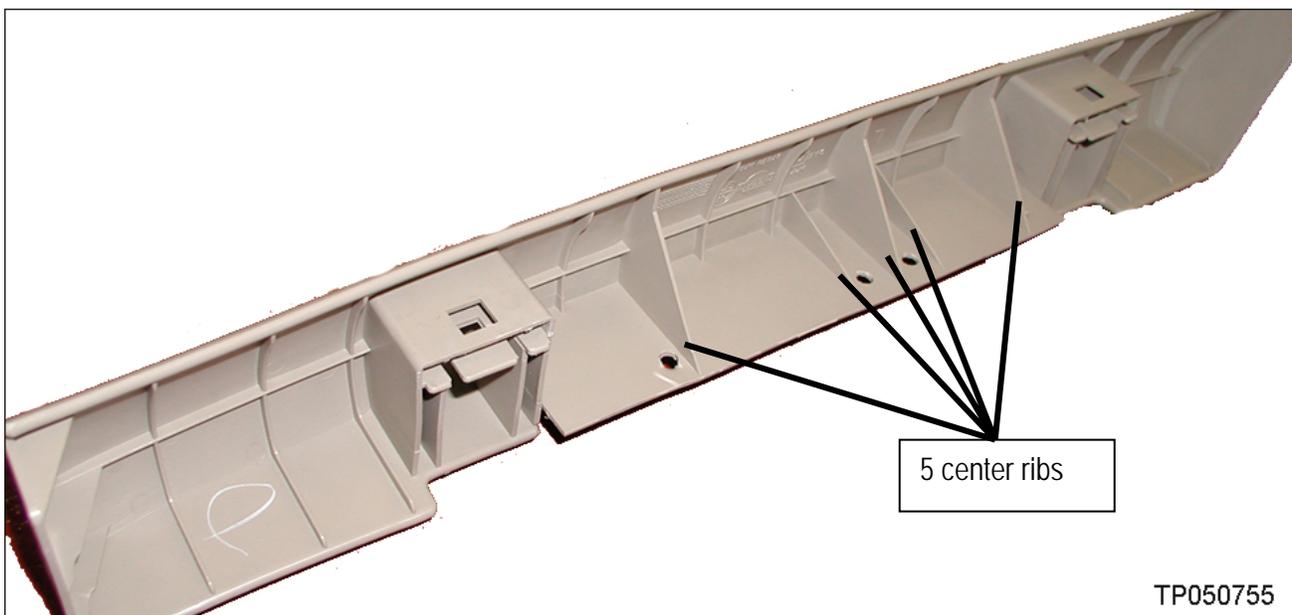
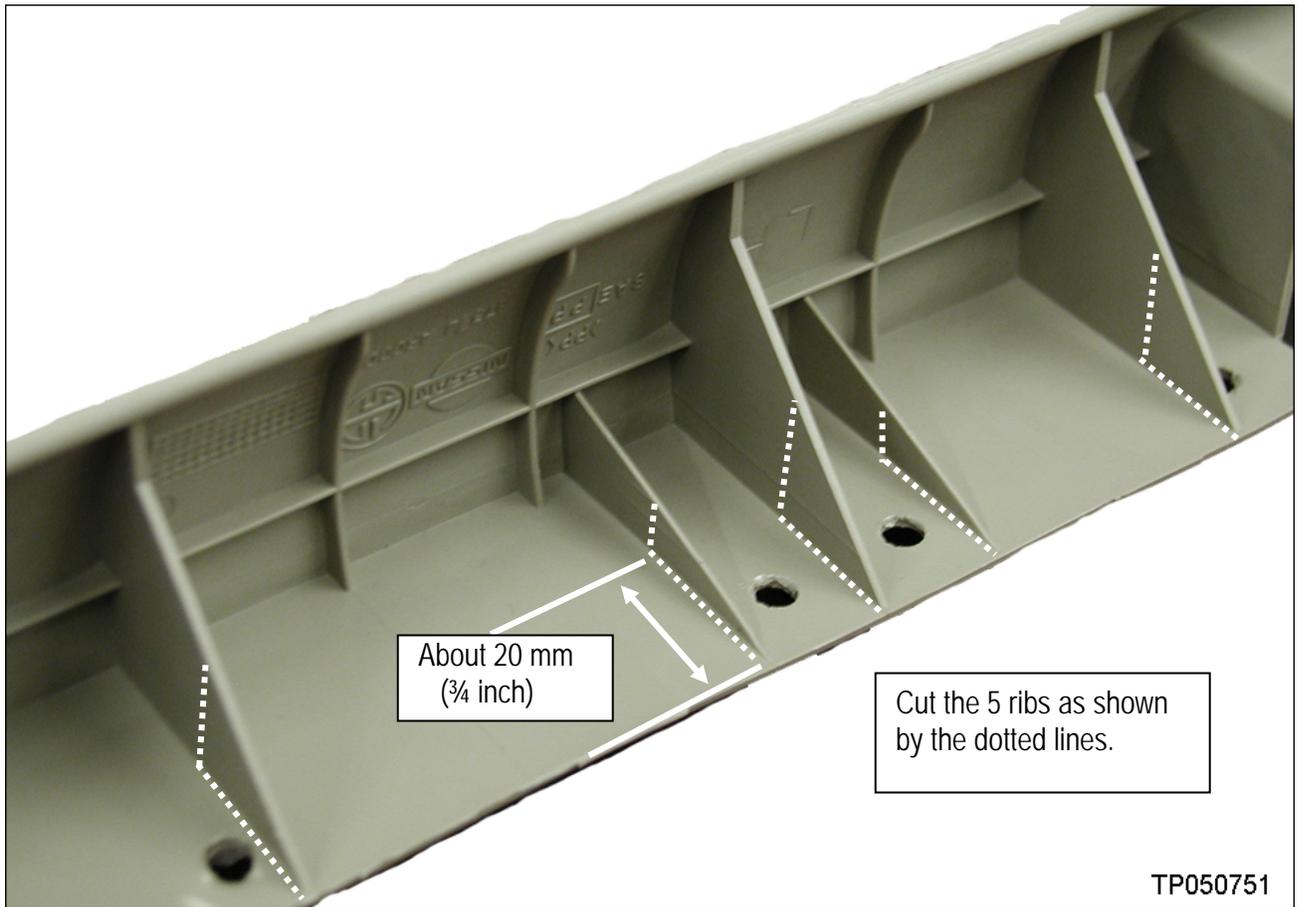


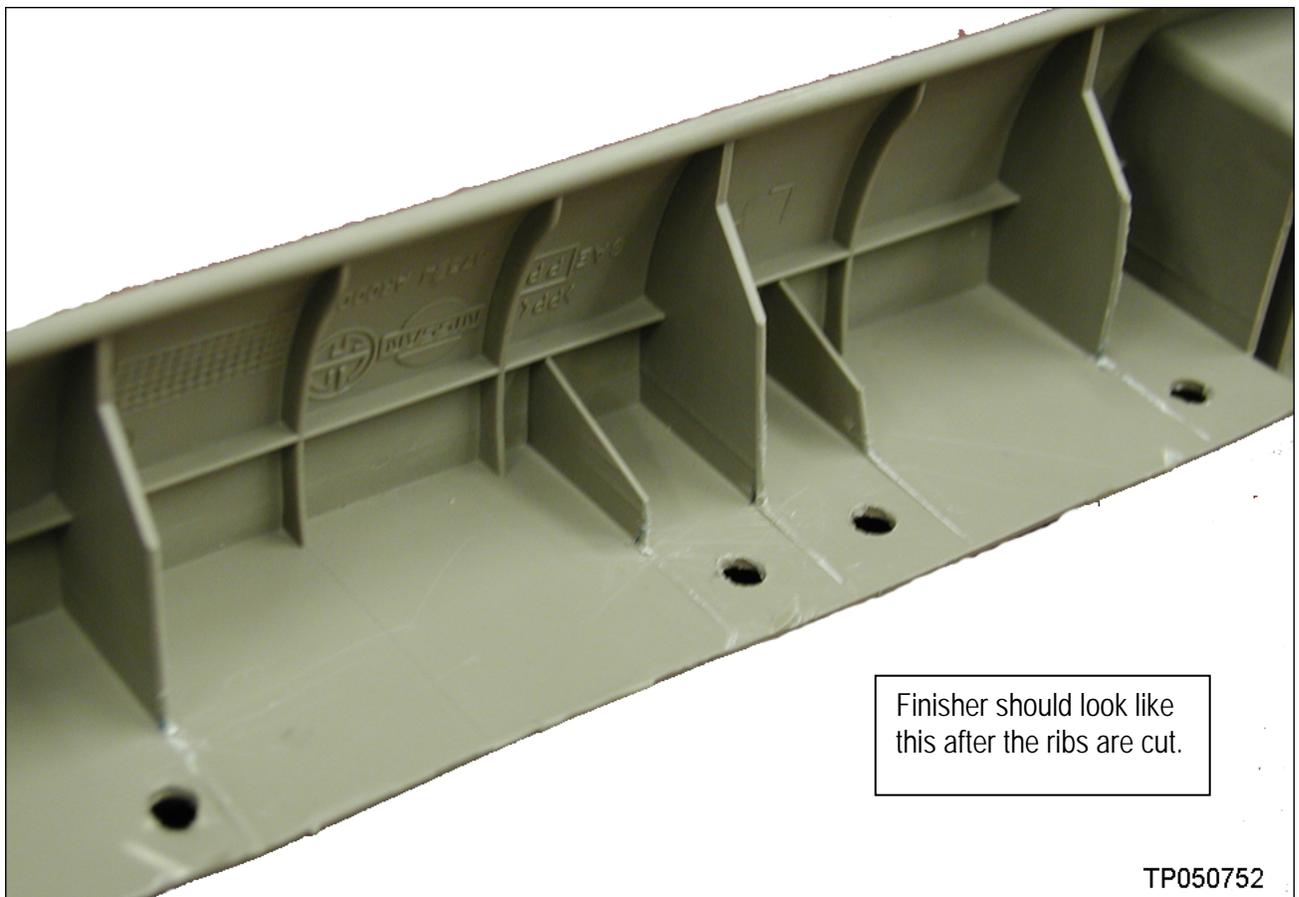
Figure 8

See the next page for photos showing cut outlines and completed cuts.



TP050751

Figure 9



TP050752

Figure 10

NOTE: Make sure the epoxy has cured for 5 minutes before performing the next step.

15. Attach the side air bag connector and harness clips to the front finisher as shown in Figure 11.

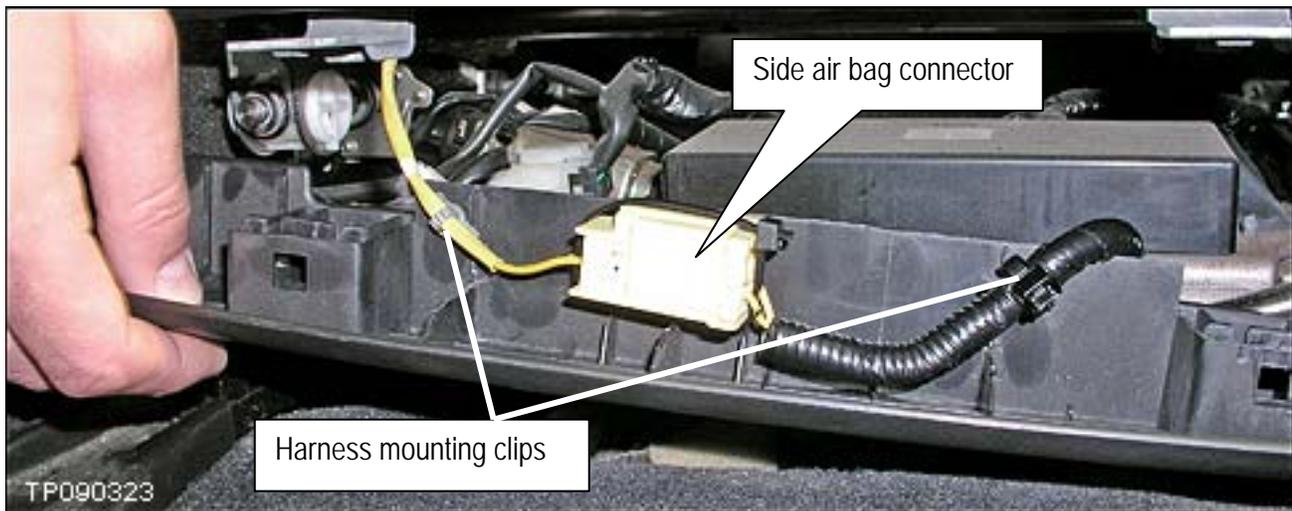


Figure 11

16. Attach the front seat finisher to the seat in reverse order of step 5.

17. Reconnect the battery cables (positive cable first).

18. Reprogram the radio presets and reset the clock.

19. Make sure the side air bag wire harness is not in the way of the seat movement:

- a. Look under the seat.
- b. Operate the seat forward, backward, up and down.
- c. Make sure the harness is not pulled tight, pinched, caught, or otherwise in the way of the seat movements.

20. Connect CONSULT-II or C-III to the vehicle and check air bag codes.

- Erase any side module “open circuit” codes (SIDE MODULE RH or LH [OPEN]: B1129 or B1134) stored in Self Diagnosis Current or Self Diagnosis Past

NOTE: If using C-III, air bag Self Diagnosis Past is under “Special Function” (see Figure 12).

- Codes other than the above are not covered by this bulletin. If any codes other than the above are stored; diagnose and repair as needed use usual diagnostic and repair procedures.

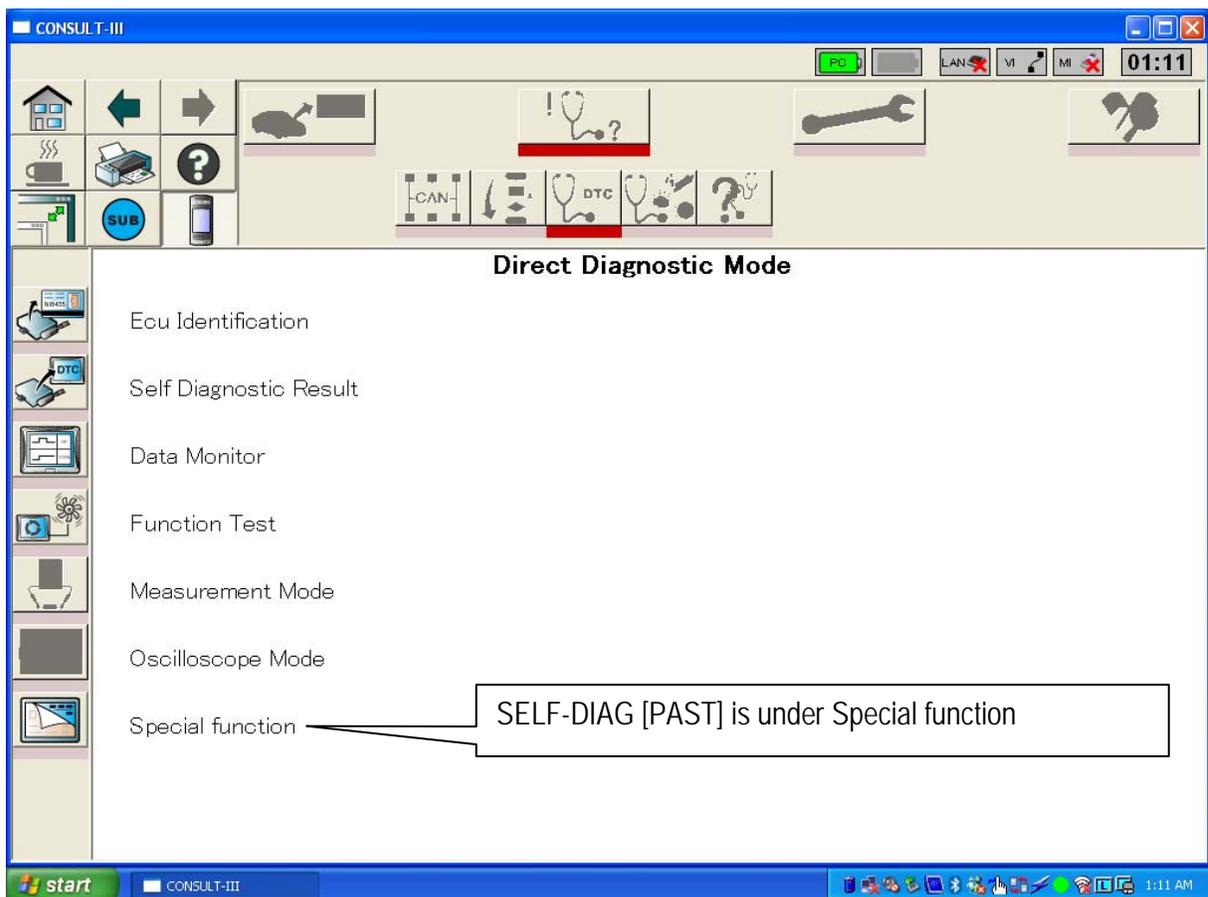


Figure 12

21. Disconnect CONSULT from the vehicle.

22. Turn the ignition OFF and then ON. Make sure the air bag warning lamp (on instrument panel) turns ON and then goes OFF after about 7 seconds.

Repair for M45

NOTE: Perform this procedure on the driver seat only.

1. Operate the power seat to the full forward position and tilt full forward.
2. Remove rear rail finishers.
3. Remove rear rail mounting bolts.
4. Operate the power seat to the full rearward position.
5. Write down all radio station presets.

Presets	1	2	3	4	5	6
AM						
FM-1						
FM-2						
SAT						

6. Turn ignition OFF and disconnect both battery cables (negative cable first).
7. Wait at least 3 minutes after the battery cables are disconnected.
8. Remove front rail finishers.
9. Remove front rail mounting bolts.
10. Tip the seat backward as far as possible without overstretching the seat wiring harness.
11. Disconnect the wire harness tie-clip from the floor air duct.
12. Cut the tie-clip from the wire harness.
13. Attach a new tie-clip to the harness in the same location.
 - Use tie-clip P/N 24216 – S5800
 - Make sure the new tie-clip is positioned (pointing) in the same direction as the old tie-clip.
 - Leave the mounting clip disconnected from the air duct for now.

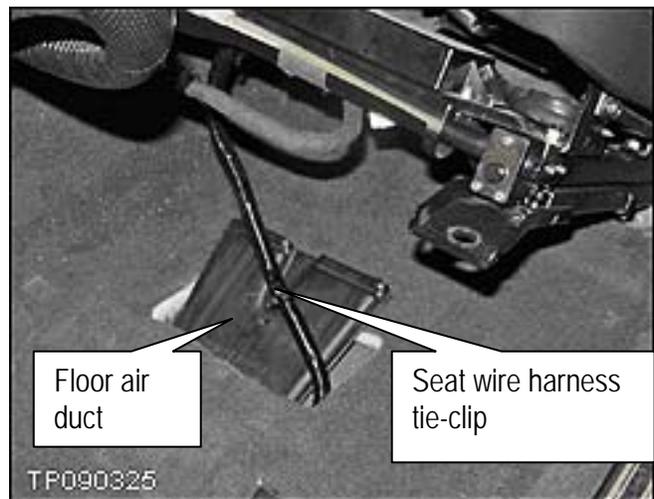


Figure 13

14. Drill a new hole in the air duct as shown.

- Locate the new hole as shown in Figure 14.
- Use a 13/64" drill bit.

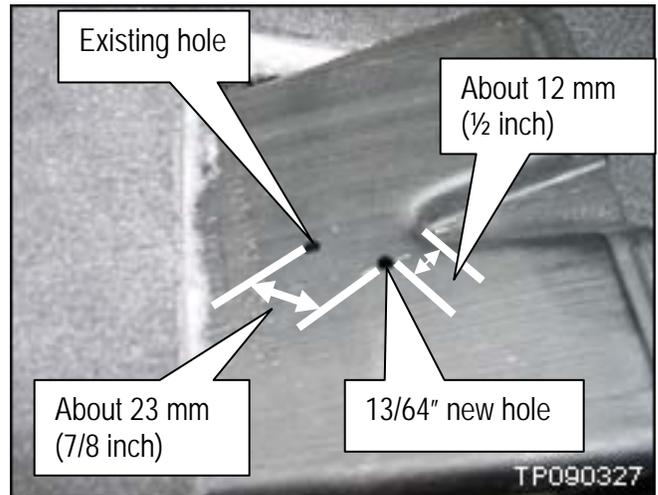


Figure 14

15. Remove the seat front finisher.

- Remove two screws.
- Slide front finisher down to unhook it from the side finisher.

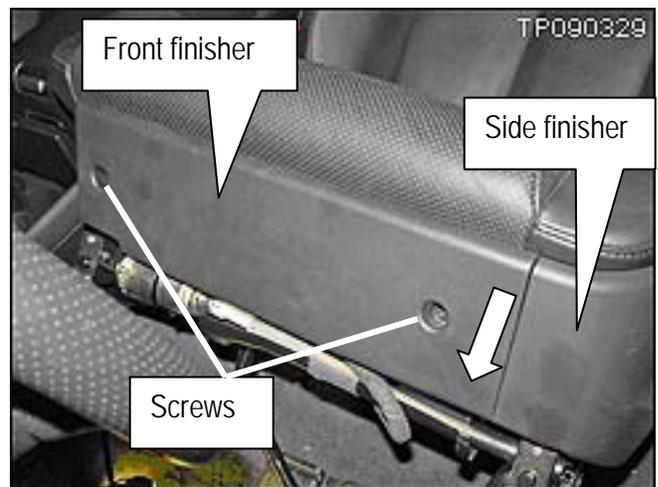


Figure 15

16. On the back-side of the front finisher:

- Locate the side air bag harness connector.
- Disconnect the mounting clips.
- Disconnect the side air bag harness connector.

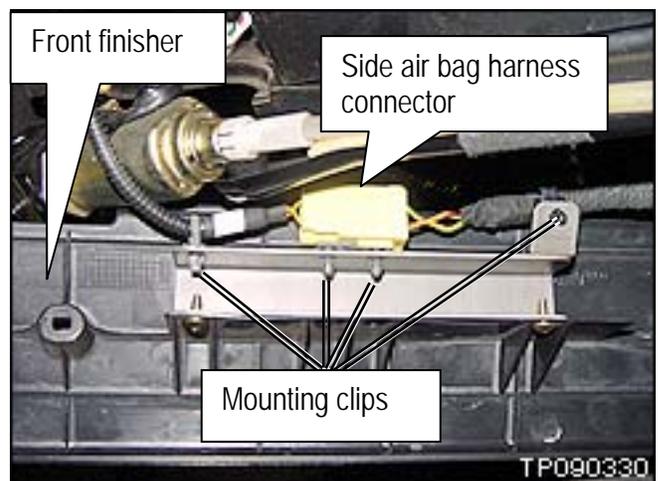


Figure 16

17. Under the seat, towards the front; install two new tie-clips at the positions shown in Figure 17.

NOTE: For illustrative purposes, the new tie-clips in the photo have been painted white to be more visible.

- Use tie-clip P/N 24216 – S5800
- Position new tie-clips about 10 mm (3/8 inch) from the old tie-clips.
- Make sure the new tie-clips are positioned (pointing) in the same direction as the old tie-clips.

18. Pull the tie-clips tight and cut off the excess strap.

19. Disconnect and cut off the old tie-clips.

20. Mount / connect the new tie-clips is the same locations as the old tie-clips.

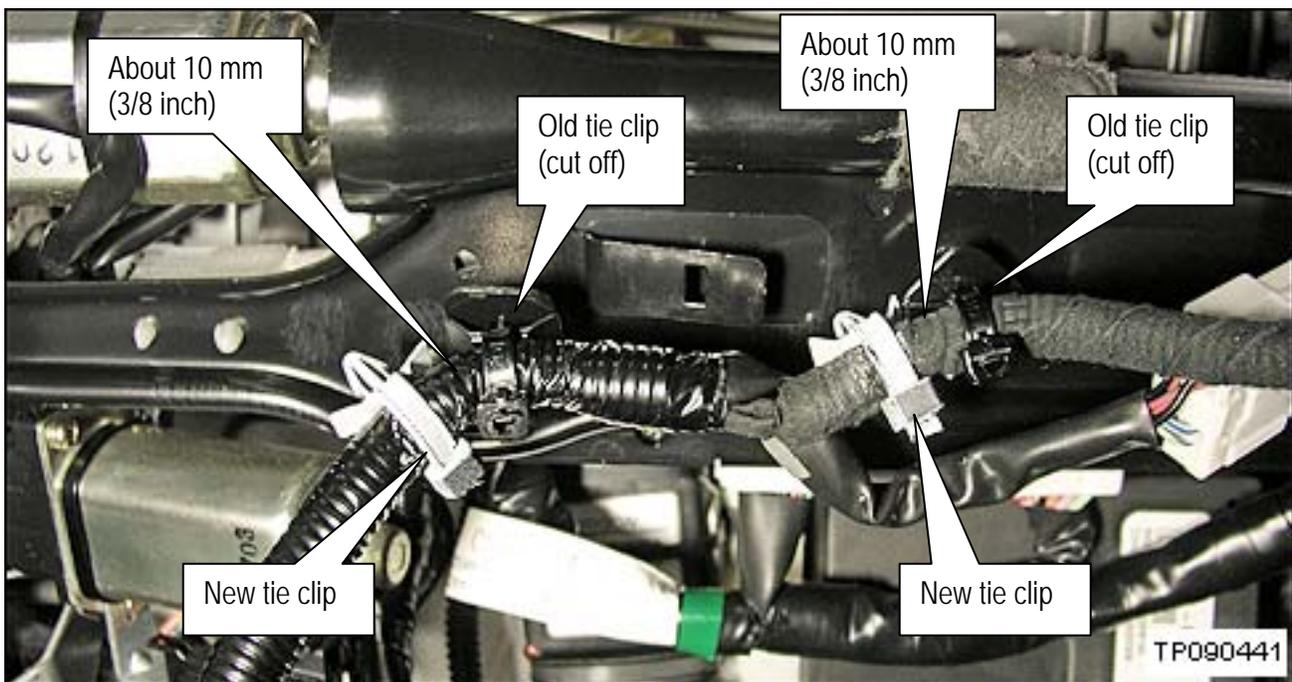


Figure 17

21. Disconnect and reconnect the side air bag harness connector 3 times.

NOTE: This step is used to clean the connector contacts and ensure good continuity through the connector.

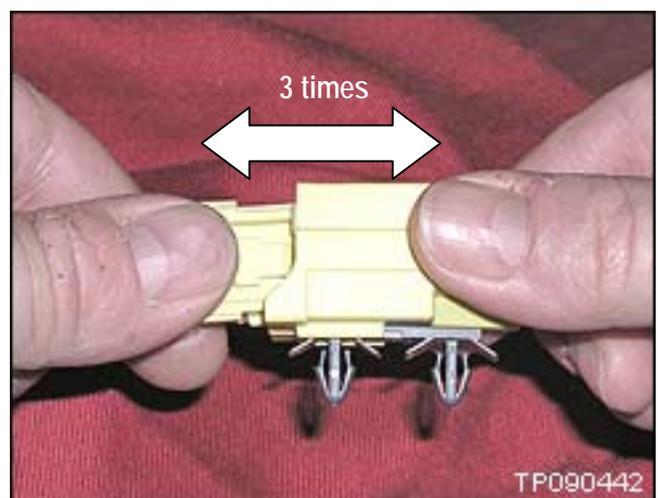


Figure 18

22. Mix a small amount (about ½ ounce) of 5 MINUTE® EPOXY in a suitable mixing tray.

NOTE: See the Parts Information for product detail and MSDS information.

CAUTION:

- Use chemical resistant gloves when handling this product.
- Wear safety glasses with side shields.



Figure 19

23. Place covers on the floor and seat to protect against epoxy spills.

24. Apply epoxy to the back side (wire gates) of the side air bag harness connector (see Figure 20).

- Apply epoxy to all 4 wire gates.
- Work epoxy into the wire gates.
- Apply epoxy about 5 mm wide around the wire and about 4 mm from the connector (see Figure 20).

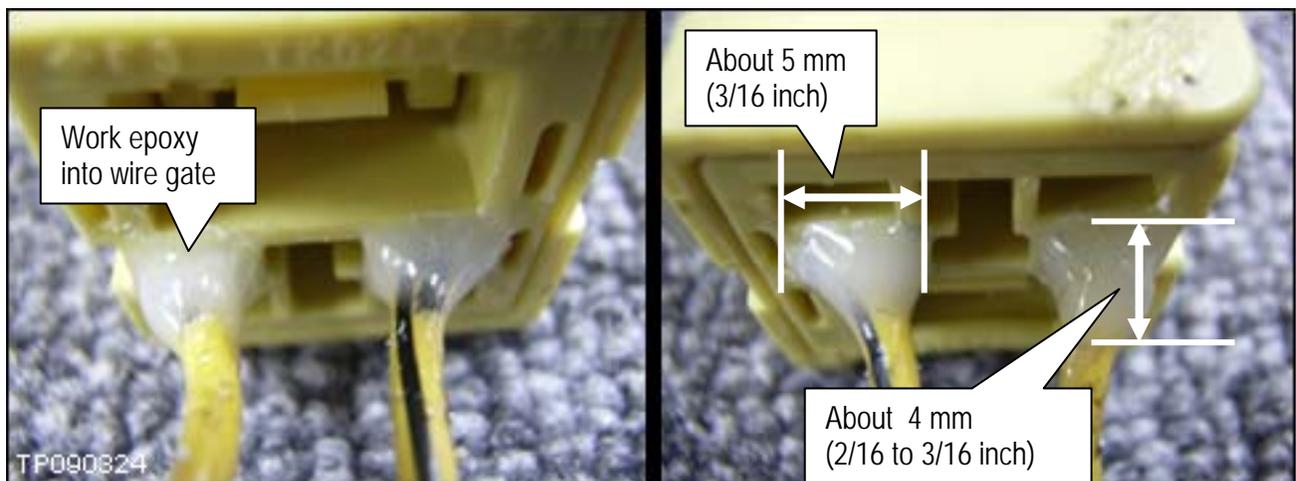


Figure 20

25. Install tie-wrap (P/N 24225 – 79960) around the connector as shown in Figure 21.

- a. Route the tie-wrap between the wires.
- b. Pull the tie-wrap tight.
- c. Cut off the excess tie-wrap.

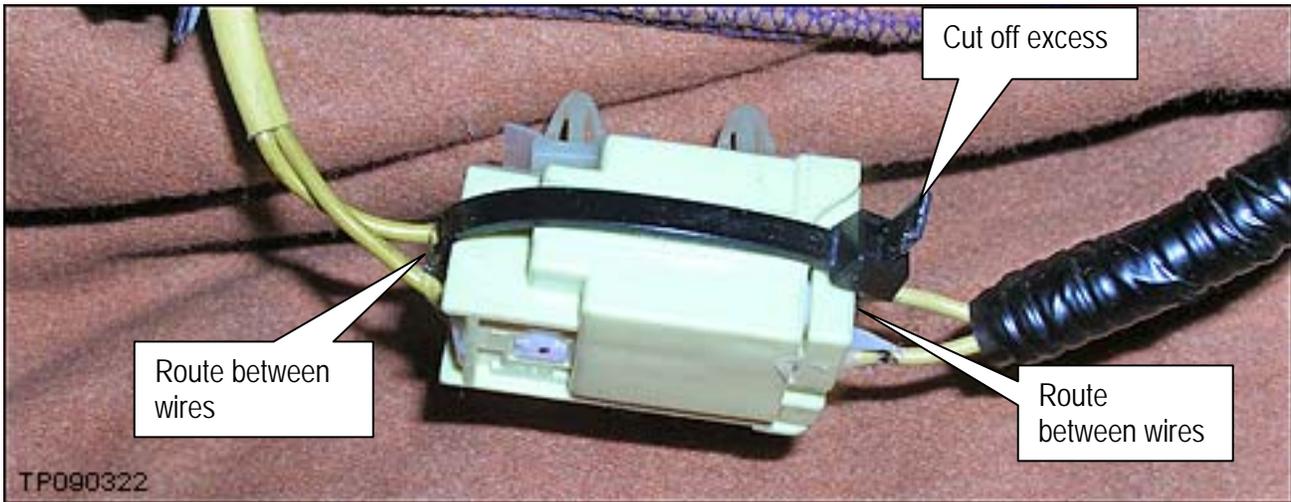


Figure 21

26. Leave the connector undisturbed for 5 minutes while the epoxy cures.

27. Mount the side air bag harness connector back to its original position. Leave the black tie-clip disconnected for now.

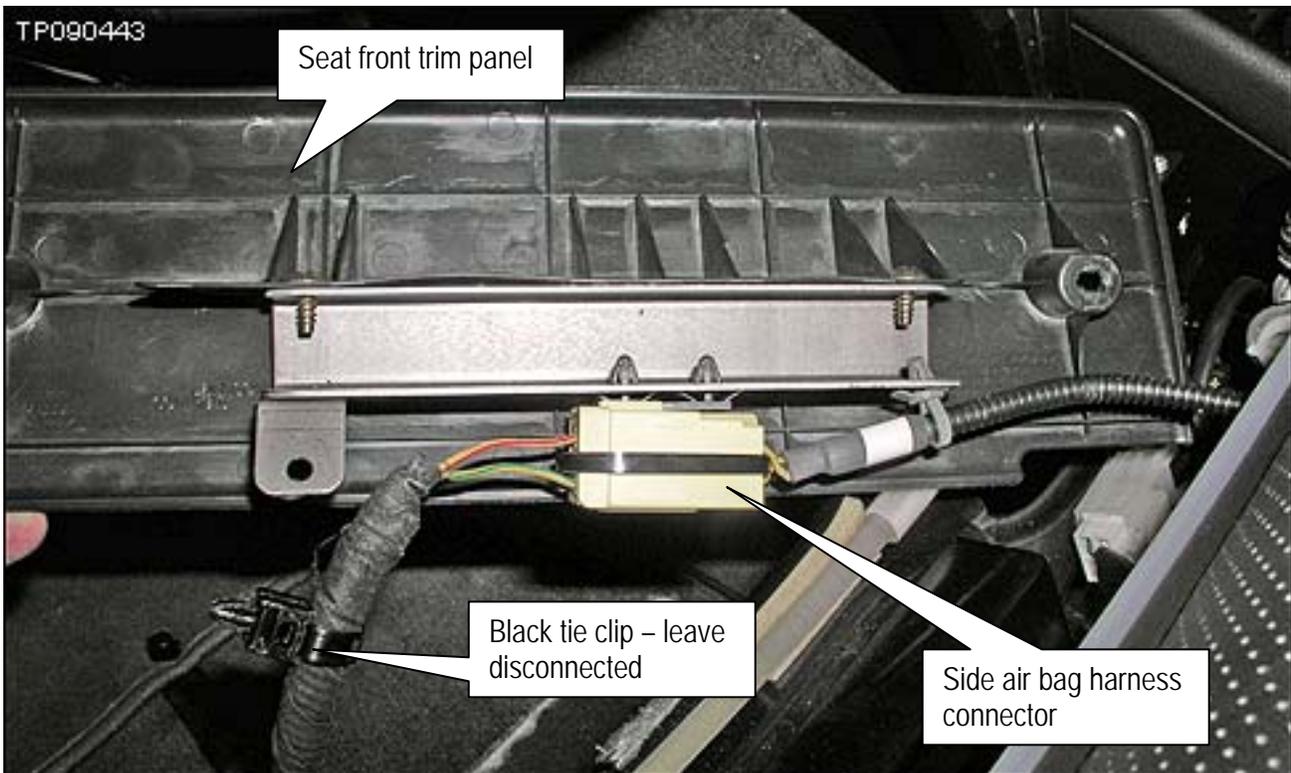


Figure 22

28. Install a new tie-clip at the position shown in Figure 23.

NOTE: For illustrative purposes, the new tie-clip in the photo has been painted white to be more visible.

- Use Tie-clip P/N 24225 - 96E00
- Position new tie-clip about 10 mm (3/8 inch) from the old tie-clip.
- Make sure the new tie-clip is positioned (pointing) in the same direction as the old tie-clips.

29. Pull the tie-clips tight and cut off the excess strap.

30. Mount / connect the new tie-clip in the same location as the old tie-clip.

31. Cut off the old tie-clip.

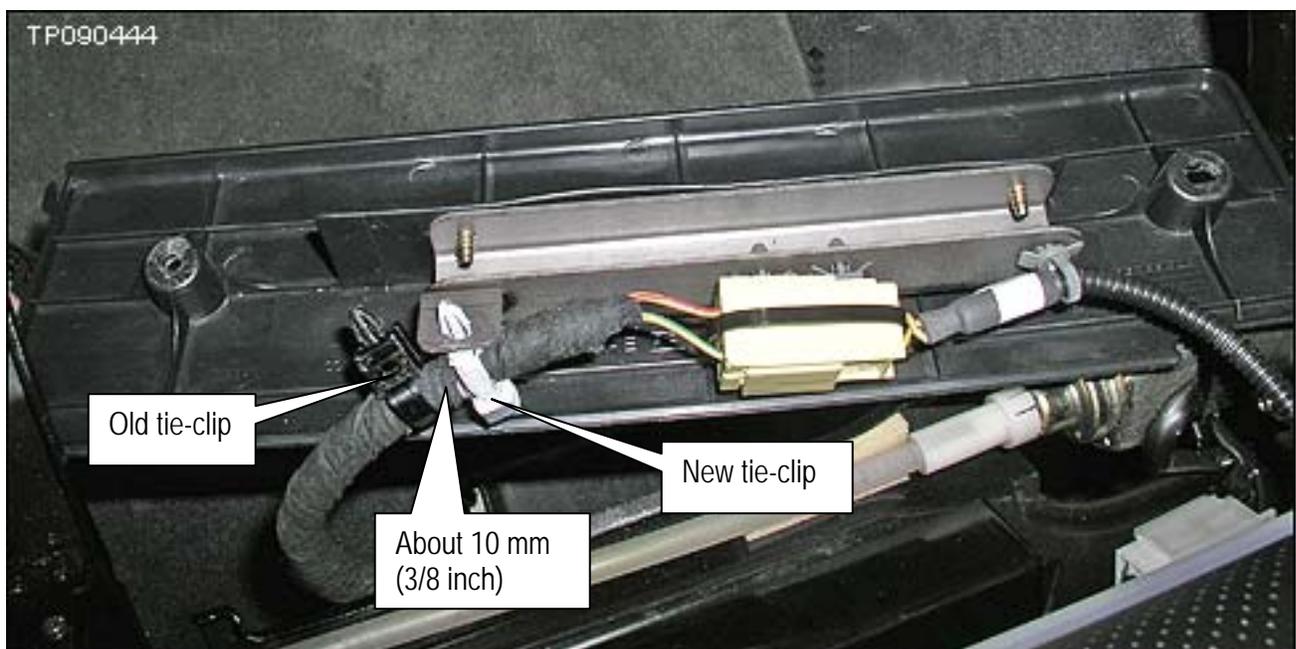


Figure 23

32. Reinstall the front seat finisher.

33. Connect the new tie-clip to the new hole in the floor duct as shown.



Figure 24

34. Reconnect the battery cables (positive cable first).
35. Reinstall the seat rail mounting bolts and covers in reverse order.
36. Reprogram the radio presets and reset the clock.
37. Make sure the seat wire harness is not in the way of the seat movement:
- Look under the seat
 - Operate the seat forward, backward, up and down.
 - Make sure the harness is not pulled tight, pinched, caught, or otherwise in the way of the seat movements.

38. Connect CONSULT-II or C-III to the vehicle and check air bag codes.

- Erase left side module "open circuit" codes (SIDE MODULE RH [OPEN]: B1129) stored in Self Diagnosis Current or Self Diagnosis Past.

NOTE: If using C-III, air bag Self Diagnosis Past is under "Special Function" (see Figure 25).

- Codes other than the above are not covered by this bulletin. If any codes other than the above are stored; diagnose and repair as needed using usual diagnostic and repair procedures.

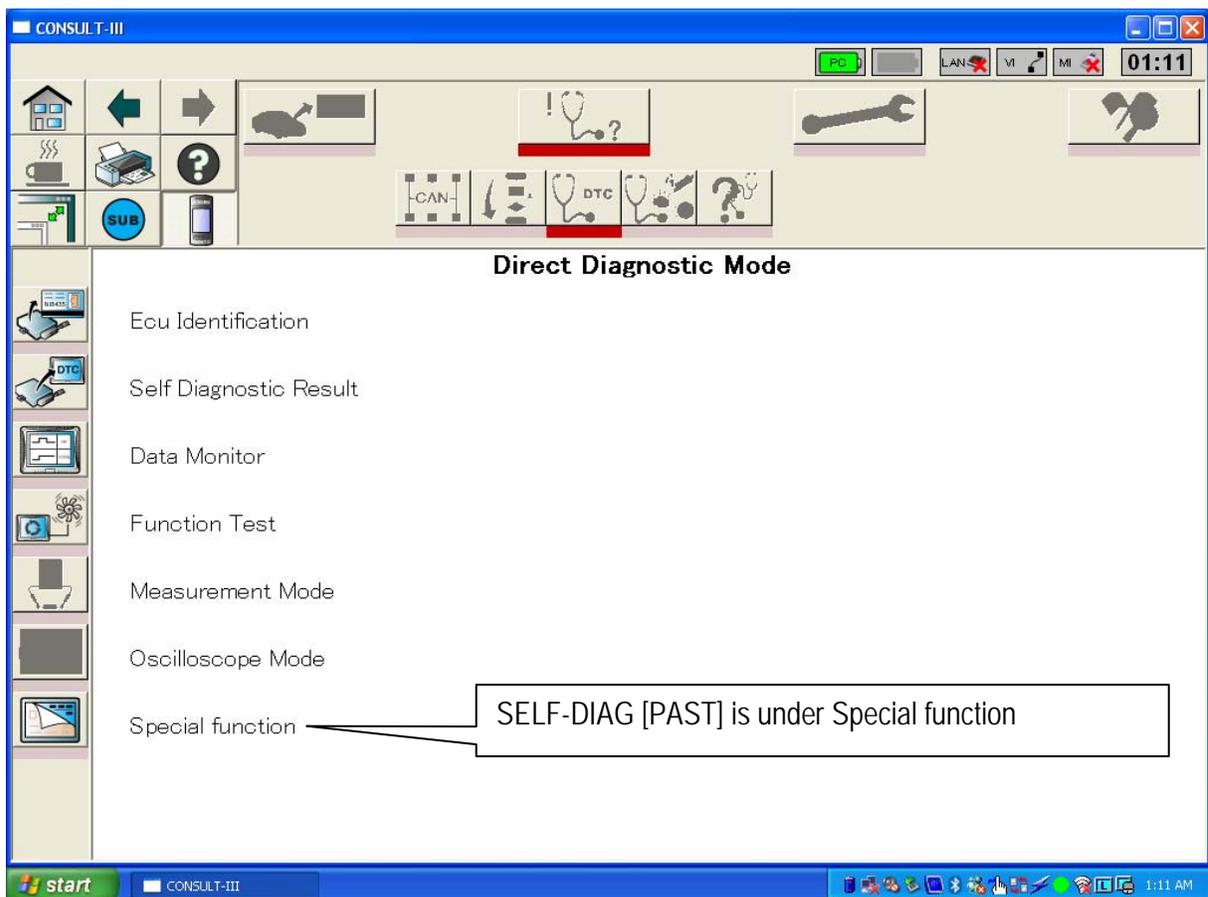


Figure 25

PARTS INFORMATION

MODEL	DESCRIPTION	PART #	QTY
Q45	Wiring Harness Clip (Tie-wrap for side air bag connector)	24216 – S5800	2
	VersaChem 5 MINUTE® EPOXY GEL (or equivalent)	46509 (Local Source)	Shop Supply
M45	Wiring Harness Clip (Tie-wrap for side air bag connector)	24216 – S5800	1
	Wiring Harness Clip (Tie-clip for harness at floor vent and under the seat)	24225 – 79900	3
	Wiring Harness Clip (Tie-clip for harness near side air bag connector)	24225 - 96E00	1
	VersaChem 5 MINUTE® EPOXY GEL (or equivalent)	46509 (Local Source)	Shop Supply

NOTE:

- Use VersaChem 5 MINUTE® EPOXY GEL (item number 46509) or equivalent.
- VersaChem 5 MINUTE EPOXY® GEL is available from NAPA stores (NAPA item number is 765-2417)
- Refer to the VersaChem web site for MSDS information (www.versachem.com).

CLAIMS INFORMATION

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

“CM” I.D.: P9218

Q45

DESCRIPTION	OP CODE	FRT
Service Side Air Bag Connector for Both Front Seats	P92180	1.0 hrs.

OR

M45

DESCRIPTION	OP CODE	FRT
Service Side Air Bag Connector for Driver (Left Front) Seat	P92181	0.7 hrs.

OWNER'S LETTER

The owner letter is being developed, reviewed, and approved through a separate process. The final approved (published) owner letter will be attached here when the bulletin is published.



FINAL

Subject: **2003-2005 Infiniti Q45 and 2003-2004 M45 Front Seat Side Airbag Harness Connectors Voluntary Service Campaign**

Attention: **Dealer Principals, Sales, Parts and Service Managers**

******* Service Campaign Announcement *******

Infiniti is conducting a Voluntary Service Campaign on certain MY 2003-2005 Infiniti Q45 and 2003-2004 M45 vehicles for the Front Seat Side Airbag Harness Connectors. On some of the affected vehicles, the seat-mounted airbags may stop working due to a connector issue. If this occurs, a red air bag warning lamp will illuminate on the dash to warn the driver. If the lamp is ignored, the seat-mounted side airbags may not inflate in a crash. To remedy this, Infiniti will inspect the seat-mounted side air bags and relocate and secure the connector if necessary.

******* Vehicle Identification *******

2003-2005 Infiniti Q45 and 2003-2004 M45 vehicles subject to this Voluntary Service Campaign can be identified via the following method:

- **Infinitinet** - Dealership service departments can complete an inquiry on Infinitinet-Campaign I.D. **P9218** to determine an affected vehicle.

******* Dealer Responsibility *******

It is the retailer's responsibility to check Infinitinet – Campaign I.D. P9218 for the campaign status on each vehicle falling within the range of this Voluntary Service Campaign which for any reason enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners. If an affected VIN was part of a dealer trade, the letter/notification associated with that VIN should be forwarded to the appropriate retailer for service completion.

******* Repair Instructions *******

Infiniti has developed the Service Campaign Bulletin **ITB09-23** containing repair instructions, part information, and claim information. These repair instructions are available on ASIST and on NNA.net.com under My Documents in the Sales/Campaign, Parts/Campaign and Service/Campaign categories.

******* Parts Availability *******

FINAL

The parts associated with this campaign are as follows:

MODEL	DESCRIPTION	PART #	QTY
Q45	Wiring Harness Clip (Tie-wrap for side air bag connector)	24216 – S5800	2
	VersaChem 5 MINUTE® EPOXY GEL (or equivalent)	46509 (Local Source)	Shop Supply
M45	Wiring Harness Clip (Tie-wrap for side air bag connector)	24216 – S5800	1
	Wiring Harness Clip (Tie-clip for harness at floor vent and under the seat)	24225 – 79900	3
	Wiring Harness Clip (Tie-clip for harness near side air bag connector)	24225 - 96E00	1
	VersaChem 5 MINUTE® EPOXY GEL (or equivalent)	46509 (Local Source)	Shop Supply

These parts can be ordered using the normal parts ordering process. We will notify you of any changes to the parts ordering status.

******* Owner Notification *******

Infiniti plans to begin notifying owners July 13, 2009

If you have any additional questions related to this Voluntary Service Campaign, please contact your Fixed Operations Manager (FOM).

Infiniti Parts and Service Operations
07/10/09

FINAL

OWNER NOTIFICATION

Dear Infiniti M45 Owner:

Nissan is committed to providing the highest levels of product safety, quality and customer satisfaction. With that in mind, we want to bring to your attention important information about the seat-mounted side air bag in your M45.

REASON FOR CAMPAIGN

Your M45 is equipped with seat-mounted side air bags. On some Model Year 2003-2004 M45 vehicles, the driver's side seat-mounted side air bag could stop working due to a connector issue. **If this occurs, a red air bag warning lamp would illuminate on the dash to warn the driver.** If the lamp is ignored, the driver's side seat-mounted side air bag may not inflate in a crash

WHAT INFINITI WILL DO

To assure your continued satisfaction and confidence in your M45, Infiniti will inspect the seat-mounted side air bag in your vehicle and relocate and secure the connector. This service, free for parts and labor, should take 1 hour to complete, but your Infiniti dealer may require your vehicle for a longer period of time based upon their work schedule. **Please contact your Infiniti dealer to perform this important service.**

WHAT YOU SHOULD DO

We strongly recommend that you have this service performed as soon as possible (even if the air bag warning lamp in your vehicle is not illuminated).

Contact your Infiniti dealer at your earliest convenience in order to arrange an appointment to have your vehicle repaired at no charge to you for parts and labor. Please bring this notice with you when you keep your service appointment. Instructions have been sent to your Infiniti dealer.

If you have paid to have your side air bag wire harness replaced prior to this service campaign, you may be eligible for reimbursement of the related expense. If you have additional questions you may contact the National Consumer Affairs Department, Infiniti Division, Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003. The toll free number is 1-800-662-6200.

Thank you for your cooperation. We are indeed sorry for any inconvenience this may cause you.

FINAL

OWNER NOTIFICATION

Dear Infiniti Q45 Owner:

Nissan is committed to providing the highest levels of product safety, quality and customer satisfaction. With that in mind, we want to bring to your attention important information about the seat-mounted side air bags in your Q45.

REASON FOR CAMPAIGN

Your Q45 is equipped with seat-mounted side air bags. On some Model Year 2003-2005 Q45 vehicles, the seat-mounted side air bags could stop working due to a connector issue. **If this occurs, a red air bag warning lamp would illuminate on the dash to warn the driver.** If the lamp is ignored, the seat-mounted side air bags may not inflate in a crash.

WHAT INFINITI WILL DO

To assure your continued satisfaction and confidence in your Q45, Infiniti will inspect the seat-mounted side air bags in your vehicle and relocate and secure the connector. This service, free for parts and labor, should take 1 hour to complete, but your Infiniti dealer may require your vehicle for a longer period of time based upon their work schedule. **Please contact your Infiniti dealer to perform this important service.**

WHAT YOU SHOULD DO

We strongly recommend that you have this service performed as soon as possible (even if the air bag warning lamp in your vehicle is not illuminated).

Contact your Infiniti dealer at your earliest convenience in order to arrange an appointment to have your vehicle repaired at no charge to you for parts and labor. Please bring this notice with you when you keep your service appointment. Instructions have been sent to your Infiniti dealer.

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Thank you for your cooperation. We are indeed sorry for any inconvenience this may cause you.