

Reference:

ITB12-007a

Date:

April 12, 2012

**VOLUNTARY SAFETY RECALL CAMPAIGN
2003 – 2005 INFINITI Q45
FRONT SEAT SIDE AIR BAG HARNESS CONNECTOR**

This bulletin has been amended to add the Owner's Letter and the NHTSA #.
Please discard previous versions.

CAMPAIGN ID#: R1204
NHTSA #: 12V-079
APPLIED VEHICLES: 2003 – 2005 Q45 (F50)

NOTE: Use Service Comm to confirm campaign eligibility.

INTRODUCTION

Infiniti is conducting a Voluntary Safety Recall Campaign on Model Year 2003 – 2005 Q45 vehicles to relocate and secure the seat side air bag harness connector for both front seats. This service will be performed at no charge for parts or labor.

IDENTIFICATION NUMBER

Infiniti has assigned identification number R1204 to this campaign. This number must appear on all communication and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

It is the dealer's responsibility to check Service Comm for the campaign status on each vehicle falling within the range of this voluntary safety recall which for any reason enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners and vehicles in a dealer's inventory. **Federal law requires that new vehicles in dealer inventory which are the subject of a safety recall must be corrected prior to sale. Failure to do so can result in civil penalties by the National Highway Traffic Safety Administration.** While federal law applies only to new vehicles, Infiniti strongly encourages dealers to correct any used vehicles in their inventory before they are retailed.

SERVICE PROCEDURE

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

IMPORTANT: Follow all cautions, warnings, and notes in the Service Manual when working on or near a Supplemental Restraint System (SRS), such as an air bag.

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						
SAT						

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. Tilt the finisher forward to expose the mounting clips for the air bag harness and connector.
7. Disconnect the mounting clips.

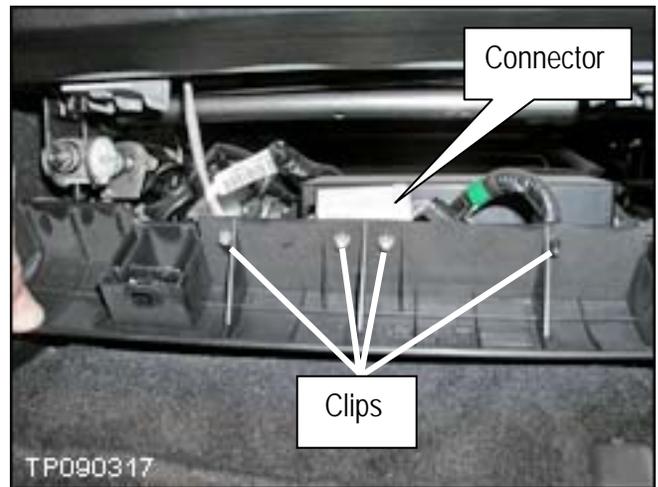


Figure 3

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.

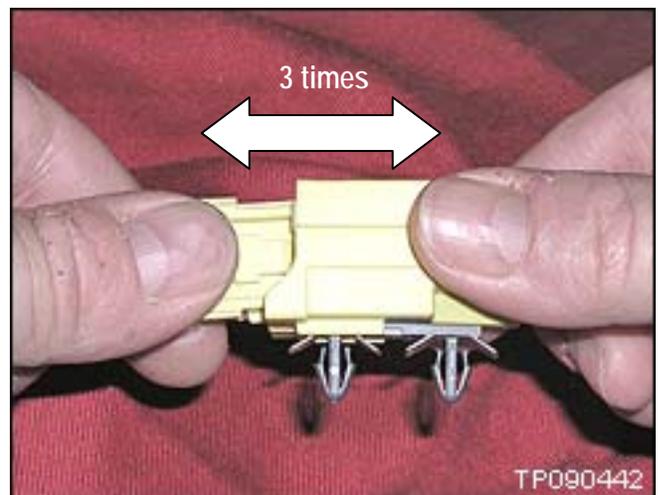


Figure 4

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 about 4 mm from the connector (see Figure 6).

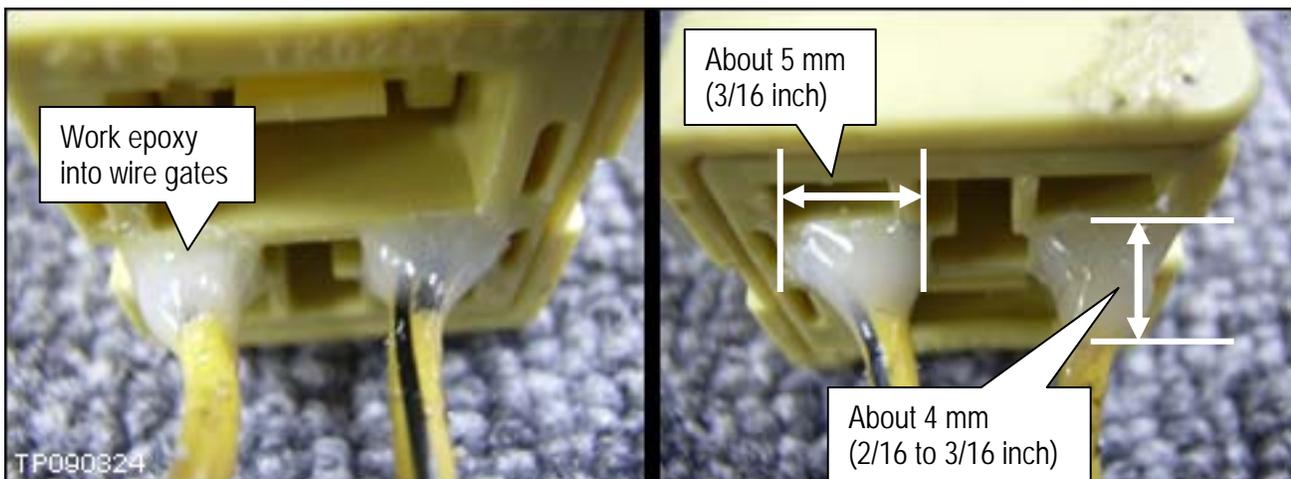


Figure 6

13. Install a tie-wrap (P/N 24216 – W1000) 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.

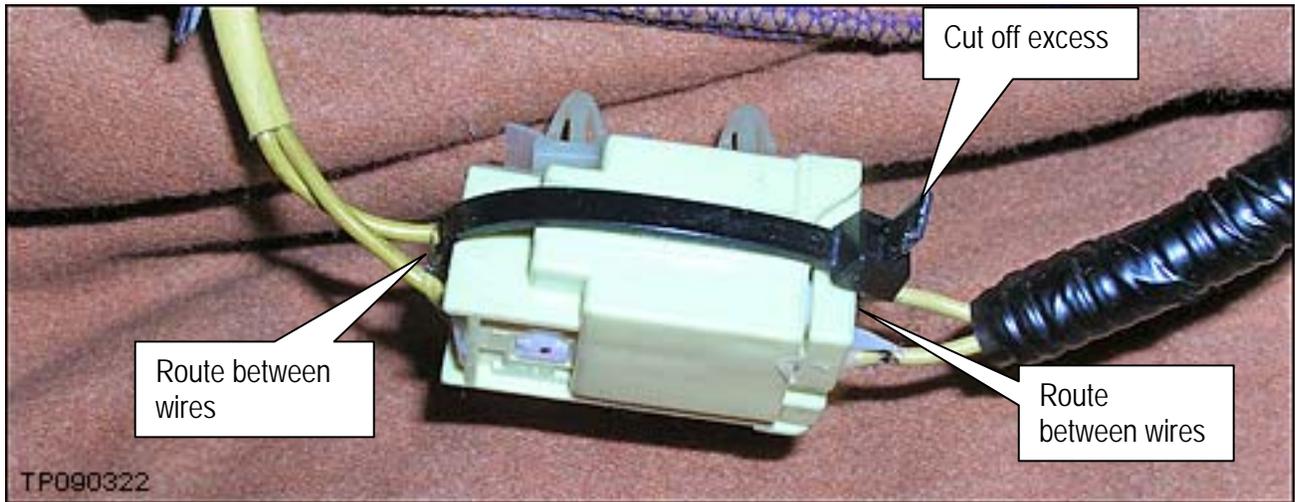


Figure 7

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.

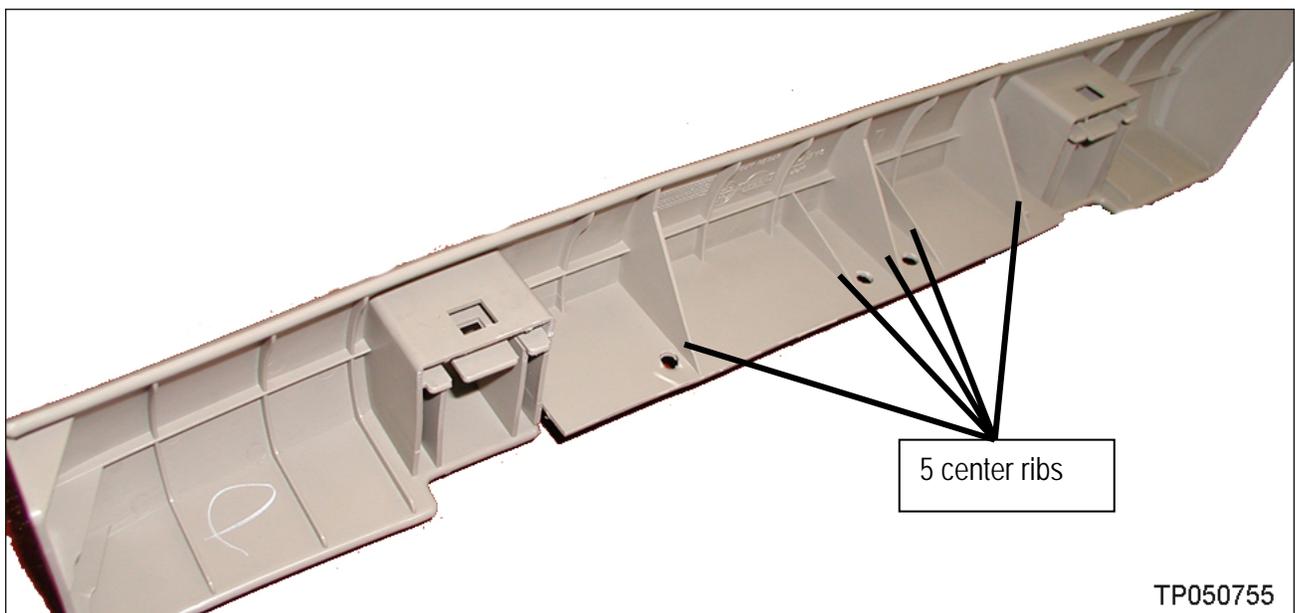


Figure 8

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

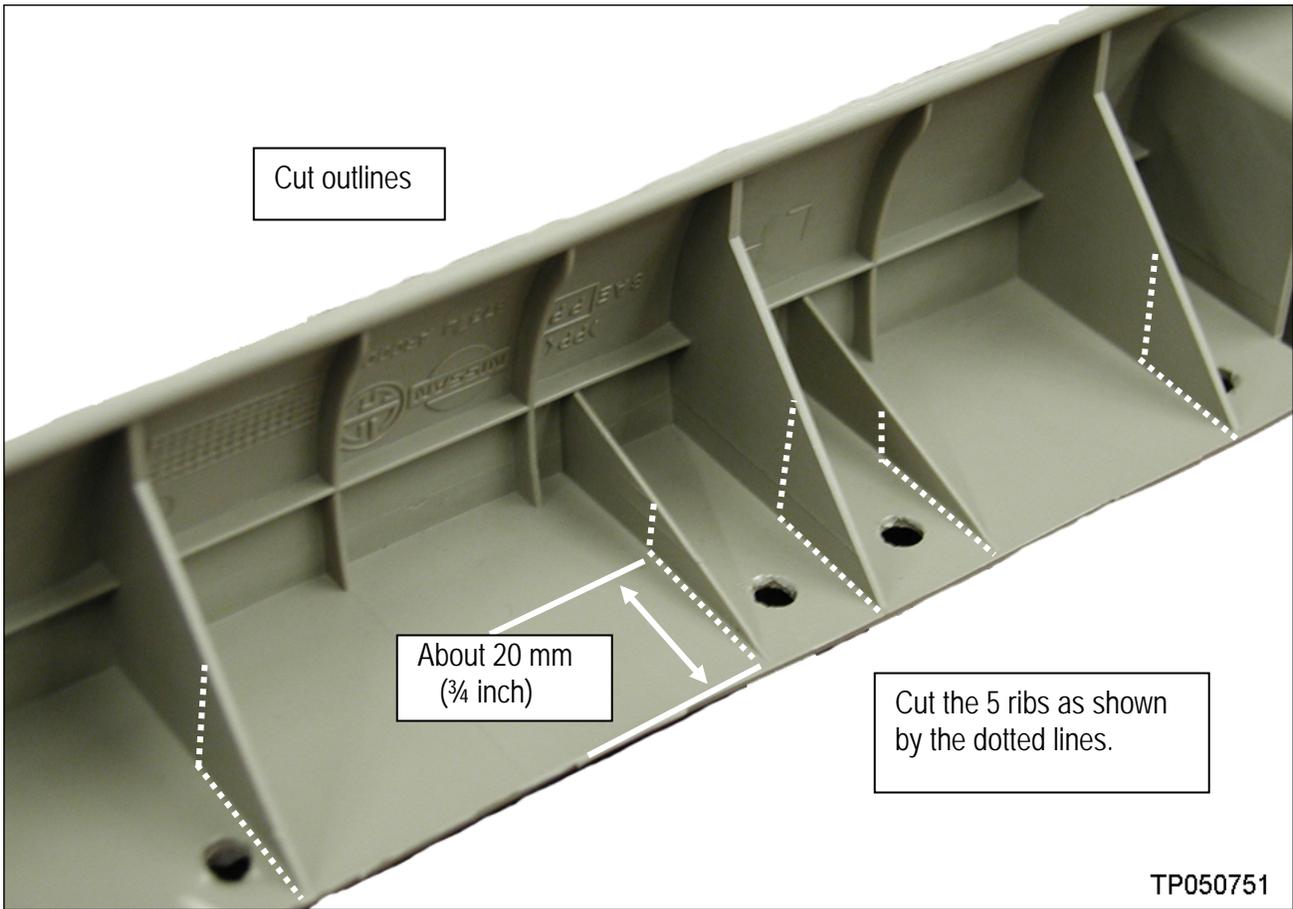


Figure 9

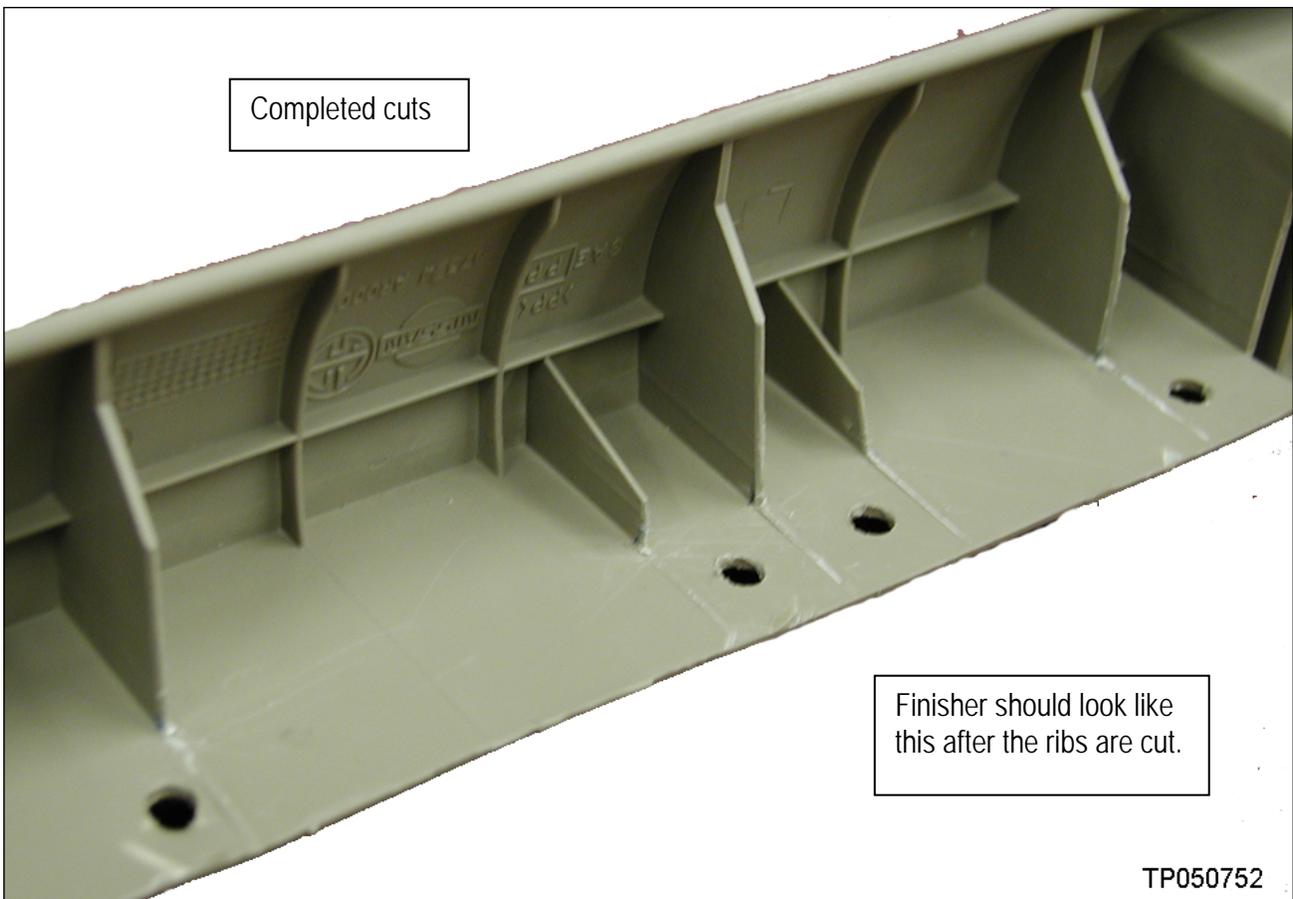


Figure 10

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.

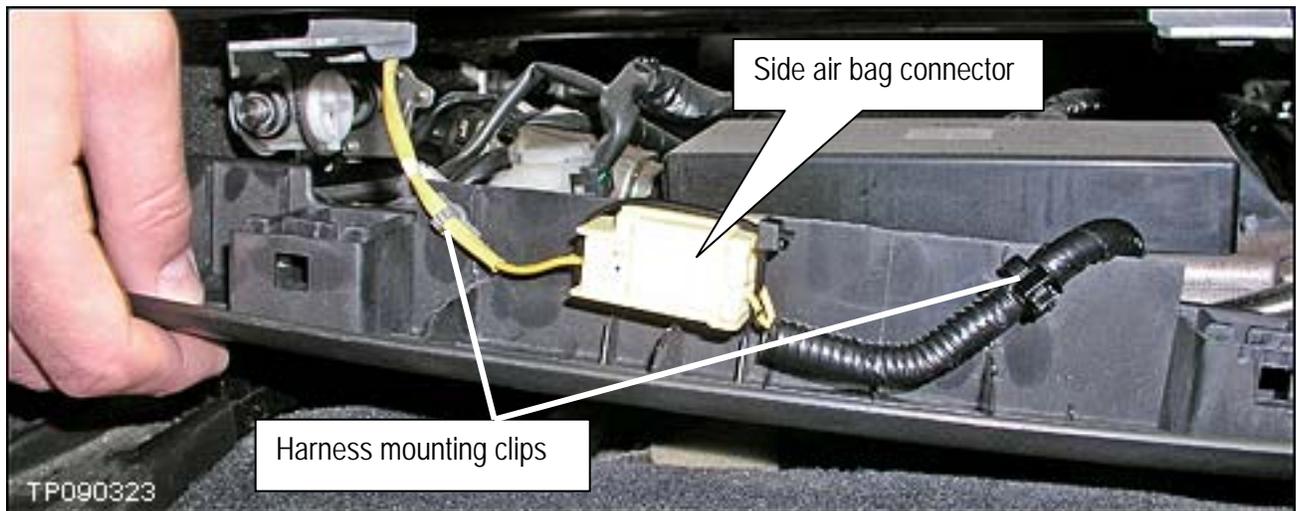


Figure 11

16. Reattach the front seat finisher in reverse order.

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. Make sure this procedure is performed on both front seats.

21. Connect CONSULT-III plus to the vehicle and check air bag codes.

- Erase any stored side module "open circuit" codes (SIDE MODULE RH or LH [OPEN]: B1129 or B1134) - Current or Past.

22. Disconnect CONSULT from the vehicle.

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

PARTS INFORMATION

MODEL	DESCRIPTION	PART #	QTY
Q45	Band -Hose (Tie-wrap for side air bag connector)	24216 – W1000	2
	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:

CAMPAIGN ID #	DESCRIPTION	OP CODE	FRT
R1204	Service Side Air Bag Connector for Both Front Seats	R12040	1.0 hrs.

OWNER'S LETTER

Dear Infiniti Q45 Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Infiniti has decided that a defect which relates to motor vehicle safety exists in 2003-2005 Model Year Infiniti Q45 vehicles. Our records indicate that you own or lease the Infiniti vehicle identified by the VIN on the inside of this notice.

REASON FOR RECALL

Due to a connector issue, one or both seat-mounted side air bags in your vehicle could stop working. **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 the event of a side impact crash, which could increase the risk of injury.

WHAT INFINITI WILL DO

Your Infiniti retailer will inspect the seat-mounted side air bags in your Q45 and relocate and secure the connector. This service, free for parts and labor, should take about an hour to complete, but your Infiniti retailer may require your vehicle for a longer period of time based upon their work schedule. **Please contact your Infiniti retailer 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 retailer at your earliest convenience in order to arrange an appointment to have your vehicle repaired. Please bring this notice with you when you keep your service appointment. Instructions have been sent to your Infiniti retailer.

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 the retailer fails to, or is unable to make the necessary repairs free of charge, 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. You may also submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

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