

Classification:

RS17-026b

Reference:

ITB17-022b

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Date:

March 14, 2019

## VOLUNTARY SAFETY RECALL CAMPAIGN 2003-2005 FX35/45; FRONT PASSENGER AIR BAG INFLATOR

This bulletin has been amended. See Amendment History on page 25.  
Please discard previous versions of this bulletin.

**CAMPAIGN ID #:** R1622, R1701, R1704, R1706, R1713

**NHTSA #:** 15V-226, 15V-287, 16V-349, 17V-028

**APPLIED VEHICLES:** 2003-2005 FX35/45 (S50)

**Check Service COMM or Dealer Business Systems (DBS)  
National Service History to confirm campaign eligibility.**

### INTRODUCTION

Infiniti is conducting a Voluntary Safety Recall Campaign on certain specific model year 2003-2005 FX35/45 vehicles to replace the front passenger air bag module. This service will be performed at no charge to customer for parts or labor.

Takata has issued return packaging, shipping labels, documents, and directions that must be used and followed in order to properly carry out this campaign. Takata's documentation is attached and is part of this bulletin.

### IDENTIFICATION NUMBER

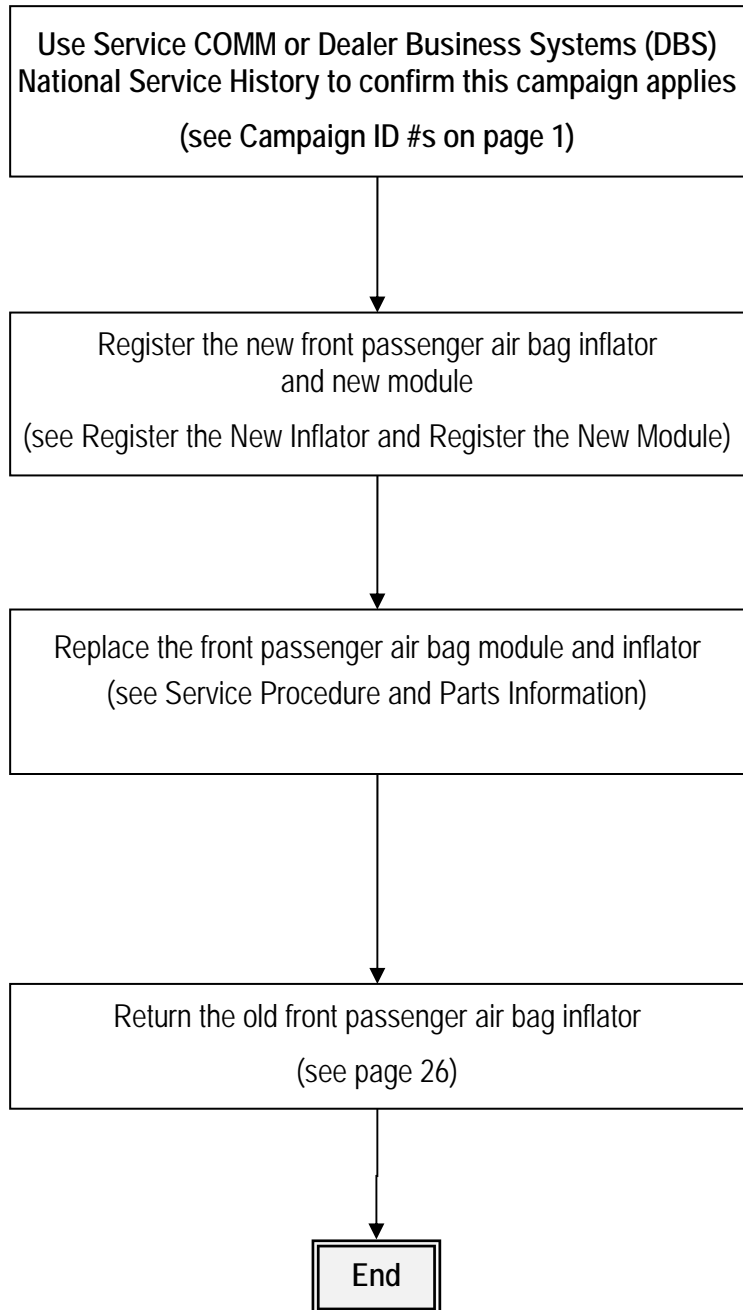
Infiniti has assigned identification numbers R1622, R1701, R1704, R1706, and R1713 to this campaign. Use Service COMM and the VIN to confirm the correct campaign ID number. The correct number must appear on all communication and documentation of any nature dealing with this campaign.

### DEALER RESPONSIBILITY

It is the dealer's responsibility to check Service COMM or Dealer Business Systems (DBS) National Service History 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.

Infiniti 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 Infiniti retailer to determine if this applies to your vehicle.

## REPAIR OVERVIEW



# REQUIRED SPECIAL TOOLS

## Air Bag Module Support (J-51315-KIT)

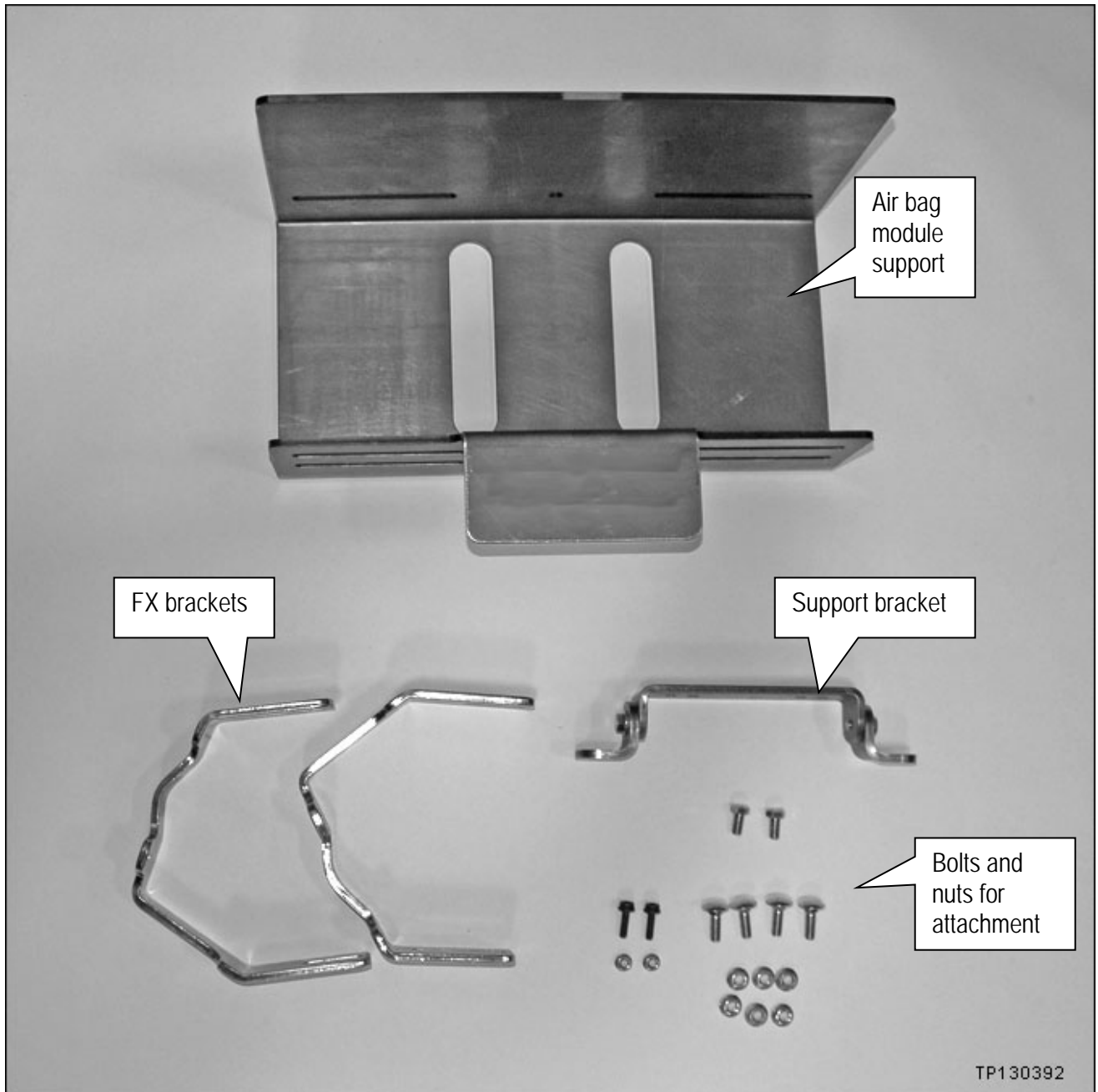


Figure A

## REQUIRED SPECIAL TOOLS continued

### Quick Scan Tool (J-52352)

- Each retailer has been shipped one Quick Scan Tool (J-52352).
- Additional tools can be obtained from Tech•Mate at 1-800-662-2001.



Figure B

## SERVICE PROCEDURE

### Register The New Inflator And The New Module.

1. Obtain a new inflator and new module kit from your parts department.
  - New inflator and new module kit are listed in the Parts Information.

2. Attach the quick scan tool (J-52352) to your CONSULT PC USB port.

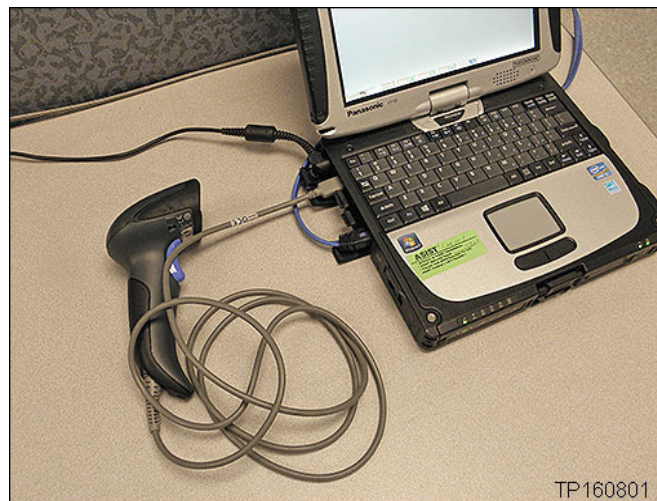


Figure 1

3. On the left side of the ASIST main menu, select **Tech Support Info**, then **Inventory Vehicle Actions**.

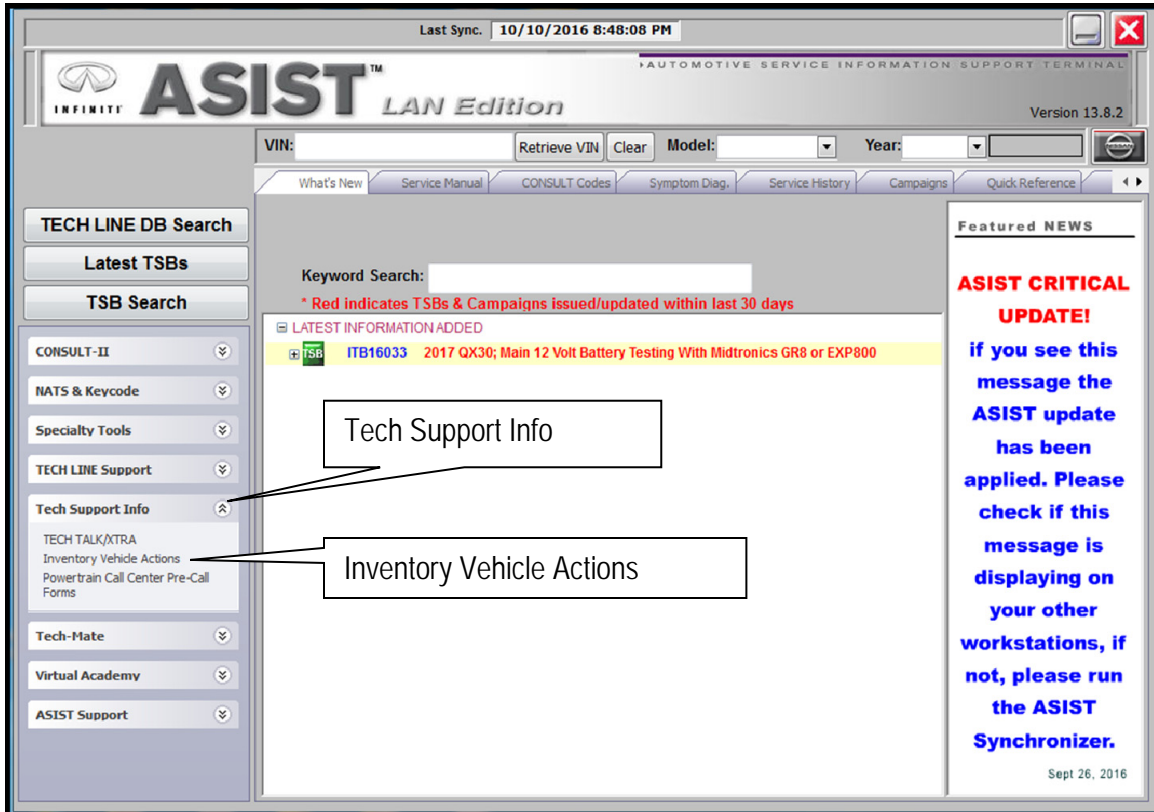


Figure 2

4. Select **CLICK HERE** (Air Bag to VIN Registration).

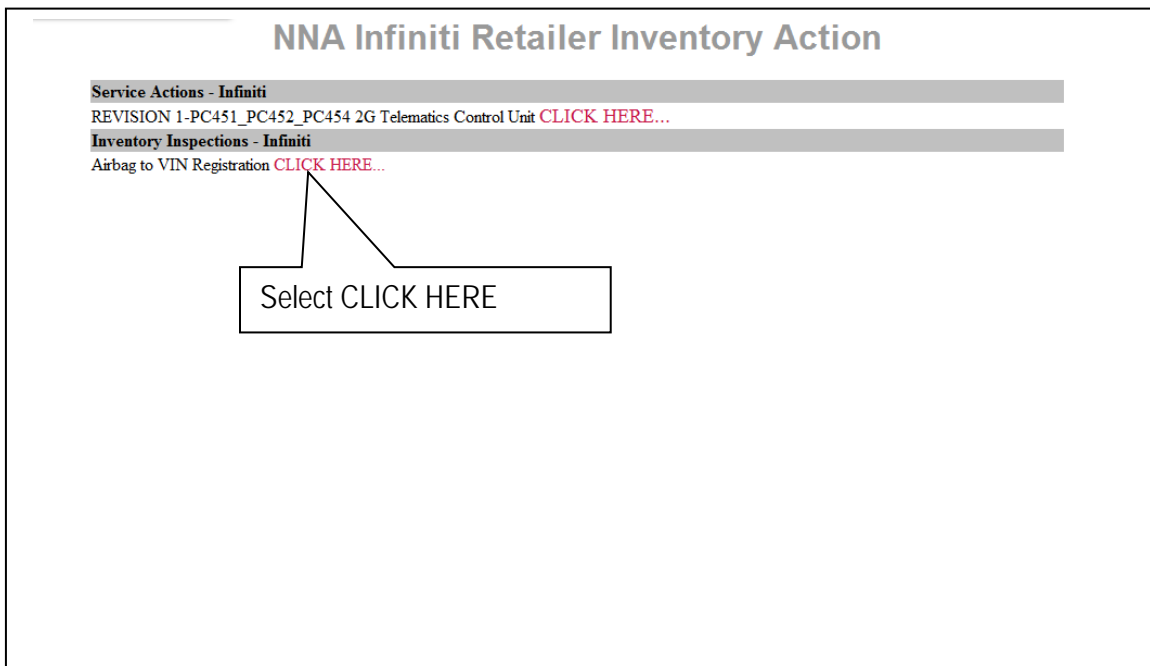


Figure 3

## Register the New Inflator

5. Use the quick scan tool to scan the bar code (VIN) on the vehicle B-pillar label.

### NOTE:

- Some labels may not scan quickly.
- Hold the scan tool approximately 6 inches away from the label.
- Hold the trigger down until the label is read (this may take several seconds).



Figure 4

- VIN will automatically populate (see Figure 5).
- If needed, VIN can be entered manually.

### Airbag to VIN Registration

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**Please enter/scan the VIN and Airbag Inflator Serial Number**

|                             |                                       |
|-----------------------------|---------------------------------------|
| <b>Dealer Code</b>          |                                       |
| <b>Key Number</b>           |                                       |
| <b>VIN</b>                  | <input type="text"/>                  |
| <b>Airbag Serial Number</b> | <input type="text"/>                  |
|                             | <input type="button" value="Submit"/> |

Step 7; see next page.  
(Select submit after both fields are populated).

Figure 5



**Airbag to VIN Registration**

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**Please enter/scan the VIN and Airbag Inflator Serial Number**

**Dealer Code**

**Key Number**

**VIN**

**Airbag Serial Number**

Step 12; see next page.  
(Select submit after both fields are populated).

Figure 9

9. Open the Module Kit shipping container.
  - New module is included in the Module Kit.

10. Locate the bar code sticker on the new module.

**NOTE:** The new module will be left in the shipping container until later in this procedure.

11. Use the quick scan tool to scan the bar code (serial number) on the new module (see Figures 10 and 11).
  - The serial number will automatically populate (see Figure 9).

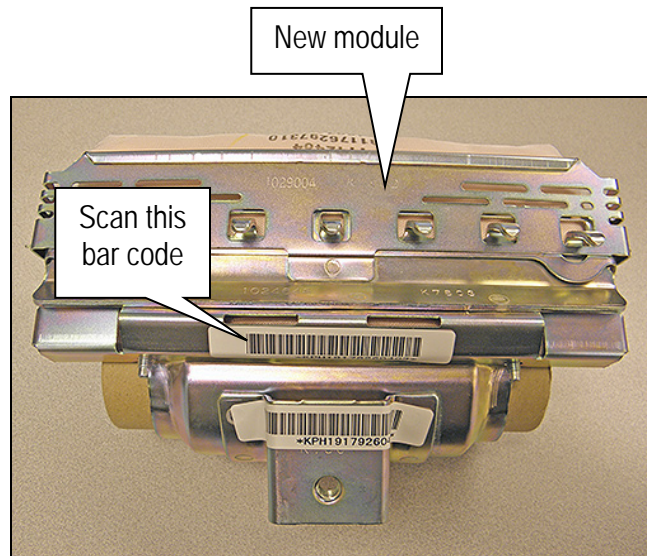


Figure 10

**NOTE:** If needed, the serial number can be entered manually.

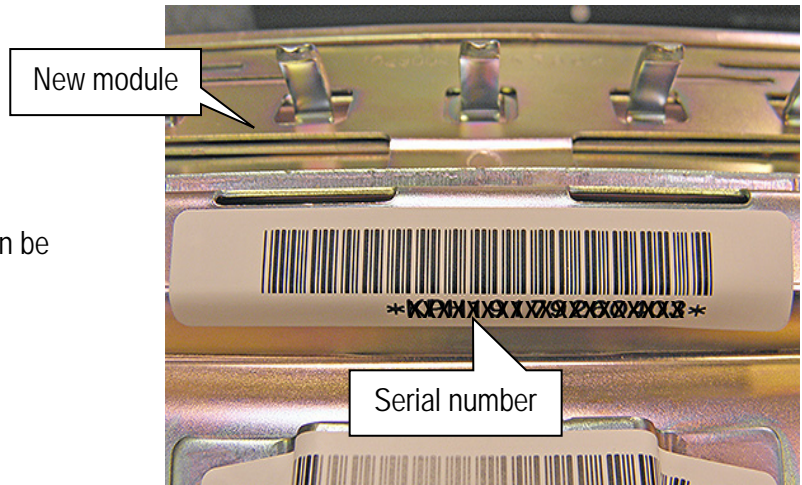


Figure 11

12. Select **Submit** on the ASIST screen (see Figure 9 on the previous page).

## Inflator and Module Replacement

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

**CAUTION:** Handle interior trim carefully to avoid damage. Work with clean hands and clean tools to avoid dirt and stains. Use protective covers as needed.

13. Write down the radio settings.

| Presets | 1      | 2 | 3       | 4    | 5                  | 6 |
|---------|--------|---|---------|------|--------------------|---|
| AM      |        |   |         |      |                    |   |
| FM 1    |        |   |         |      |                    |   |
| FM 2    |        |   |         |      |                    |   |
| SAT 1   |        |   |         |      |                    |   |
| SAT 2   |        |   |         |      |                    |   |
| Bass    | Treble |   | Balance | Fade | Speed Sen.<br>Vol. |   |

14. Turn the ignition OFF.
15. Disconnect both battery cables, negative cable first.
16. Wait at least 3 minutes.
17. Remove the passenger air bag module (module) from the vehicle.
- Refer to the Electronic Service Manual (ESM), Section **RS-Restraint System**, for module removal.
18. Set the module in a clean working area.

19. Securely mount the air bag module support (support) in a vice (see Figure 12).

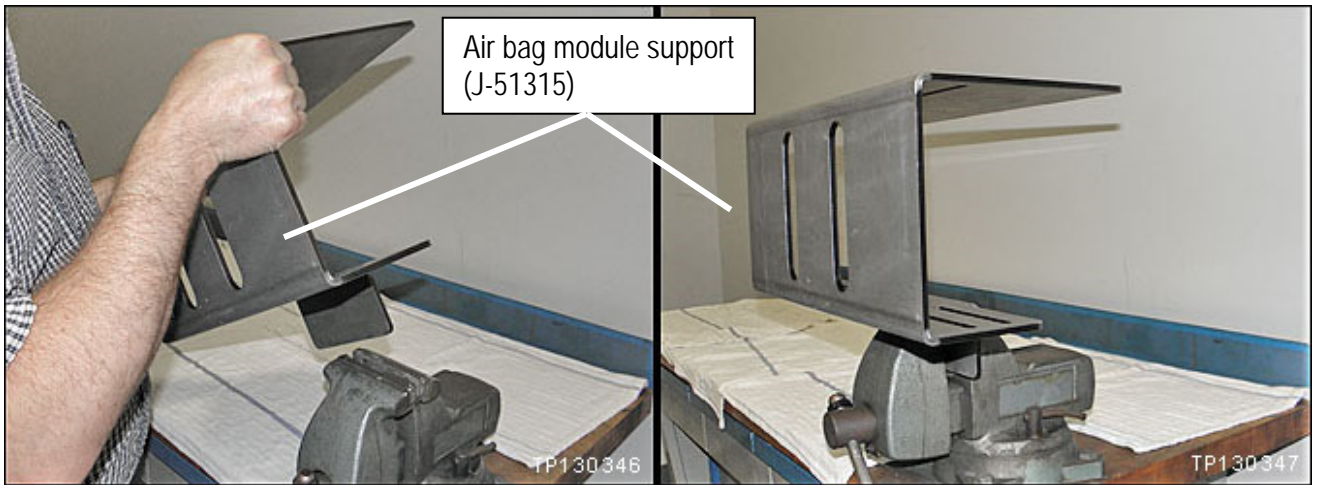


Figure 12

**WARNING:**

- Work from behind and to the sides of the support.
- Wear safety glasses while performing inflator replacement.

20. Disconnect the harness clip from the module frame.

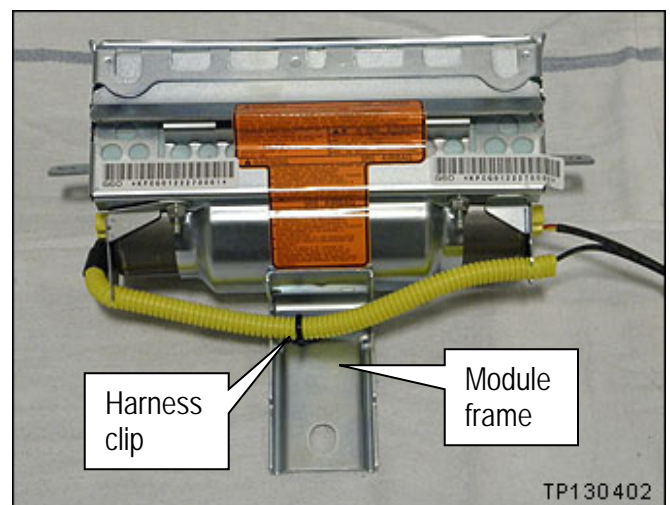


Figure 13

21. Attach the FX brackets to the support as shown.
- Make sure the convex parts of the brackets are in the UP position.
  - Use bolts and nuts supplied with the support.
  - Leave the bolts/nuts slightly loose to allow for positioning of the module.

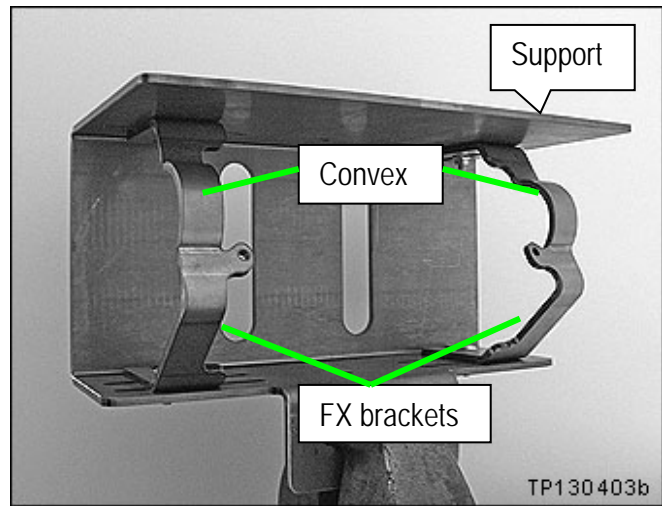


Figure 14

22. Attach the module to the FX brackets in the support as shown.
- Use bolts and nuts supplied with the support.
  - Make sure the arrow on the bag is pointing up.

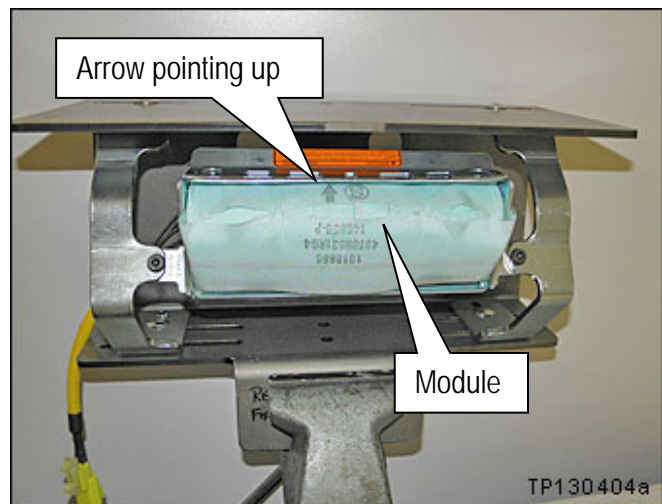


Figure 15

23. Make sure the module is centered in the support.

**NOTE:** Centering the module in the support will allow access to the inflator securing nuts through the slots in the support.

24. Tighten all of the mounting bolts and nuts that hold the module and brackets to the support.

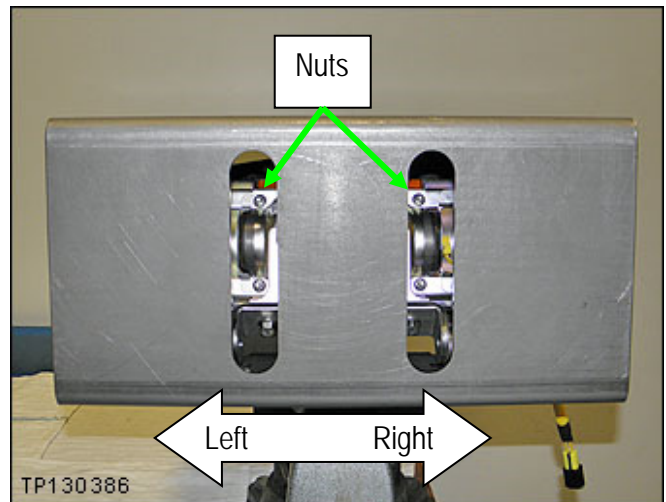


Figure 16

**WARNING:** Work from behind and to the sides of the support.

25. Carefully cut a few inches of the yellow corrugated harness cover in the area shown.

- Do not cut the wires inside the corrugated cover.

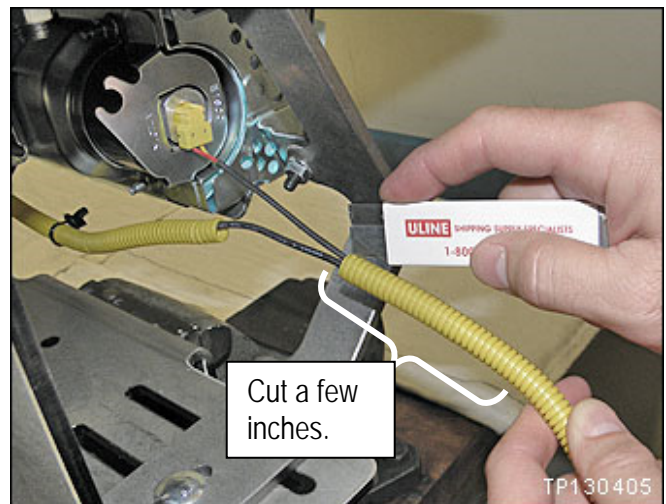


Figure 17

26. Attach 2 shorting pins to the inflator harness as shown.

- Make sure to pair the wires from each end of the inflator.

**Blue with White**

**Red with Yellow**

- Use an insulation displacement type wire connector as a shorting pin.
- Refer to the Parts Information for additional connector/shorting pin information.

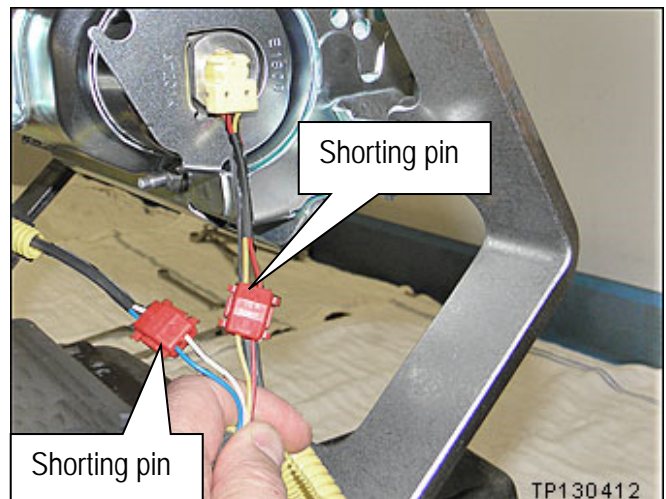


Figure 18

27. Cut off the connector end of the harness.



Figure 19

28. Remove the 4 nuts from the module that hold the inflator in place (see Figures 20 and 21).

- Use a ratchet and extension.



Figure 20

- Remove all 4 nuts.

NOTE: These nuts will not be reused.

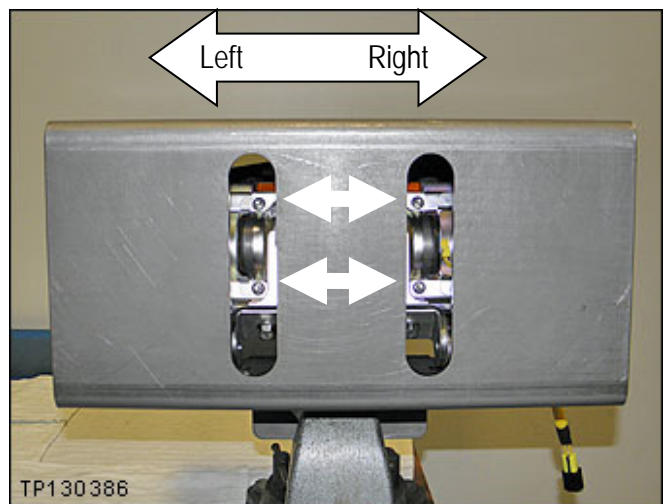


Figure 21

29. Remove the inflator stopper.



Figure 22

30. Push the right side of the inflator out of the module.
  - Twist the inflator to a position that will allow the connector and harness to fit through the opening.

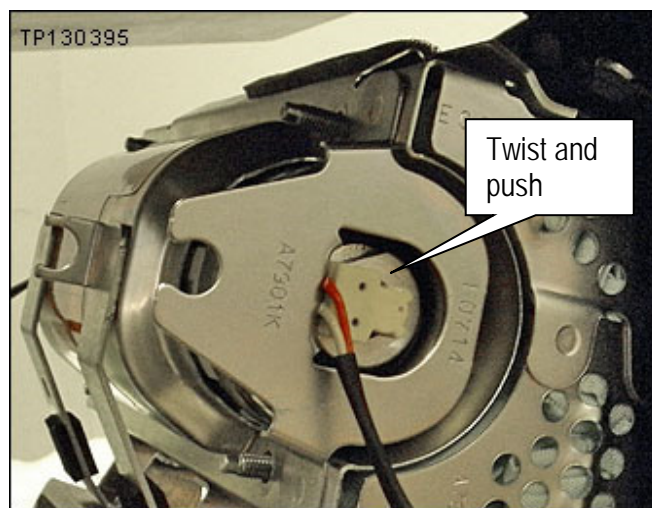


Figure 23

31. Pull the inflator completely out of the module from the left side.
32. Set the old inflator in the clean working area and make sure it does not roll and fall to the floor.
33. Remove the old module from the FX brackets in the support.

**IMPORTANT: This old module will not be reused.**



Figure 24

**IMPORTANT:** In the following steps, a new module and inflator are used.

34. Remove the new module from its shipping container.
  - New module is included in the Module Kit.
35. Slide the paper tube out of the new module.

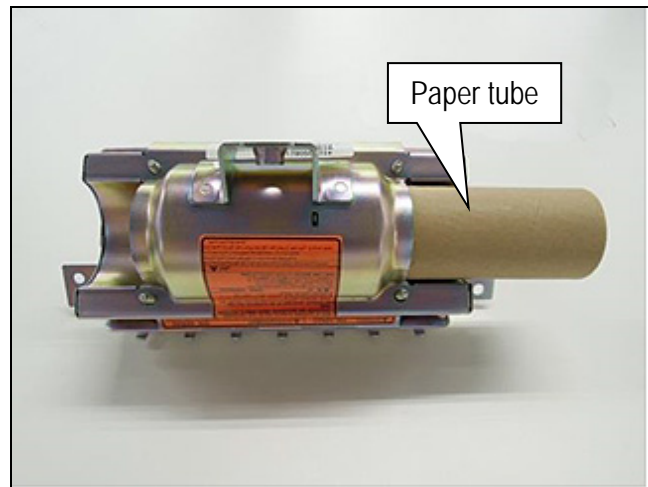


Figure 25

**IMPORTANT:**

- The new module kit contains two new inflator stopper brackets – one for each side.
- In the following steps, make sure to install the correct stopper bracket on each side of the inflator.

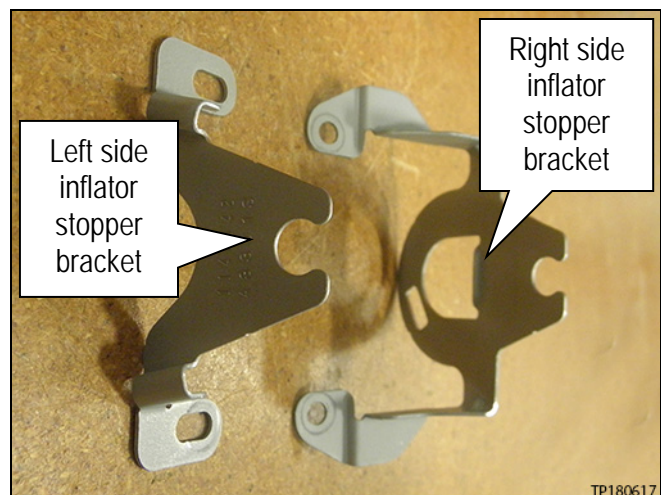


Figure 26

36. Install the **right** side inflator stopper bracket with nuts finger tight.
  - Make sure to **use new nuts**.
  - New nuts and new stopper bracket are included in the Module Kit.

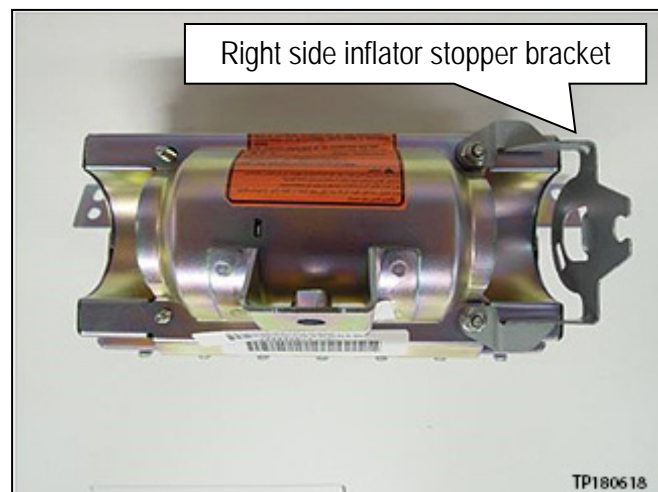


Figure 27

37. Attach the new module to the FX brackets in the support as shown.
- Use bolts and nuts supplied with the support.
  - Make sure the arrow on the bag is pointing up.

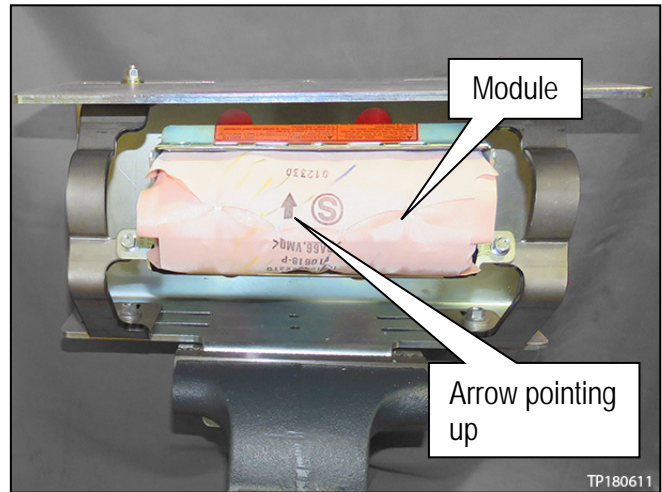


Figure 28

38. Place the removed (old / non-deployed) inflator in the box that the new inflator arrived in.
- Follow the return instructions provided by Takata.
  - Return instructions provided by Takata are attached to this bulletin on page 26.

### Install the New Inflator into the New Module

39. Remove the new inflator from the box.

#### IMPORTANT:

- The new inflator has a large plastic end cap and a small plastic end cap.
- When installing, pay close attention to which end is installed first.

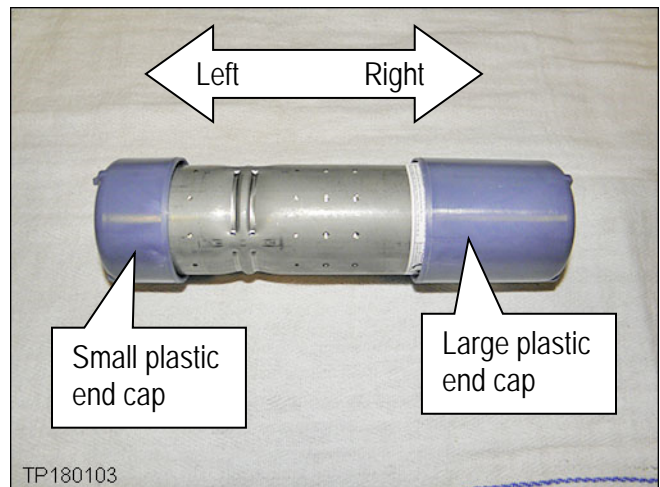


Figure 29

40. Slide the new inflator into the module assembly from the left side; large plastic end cap first.

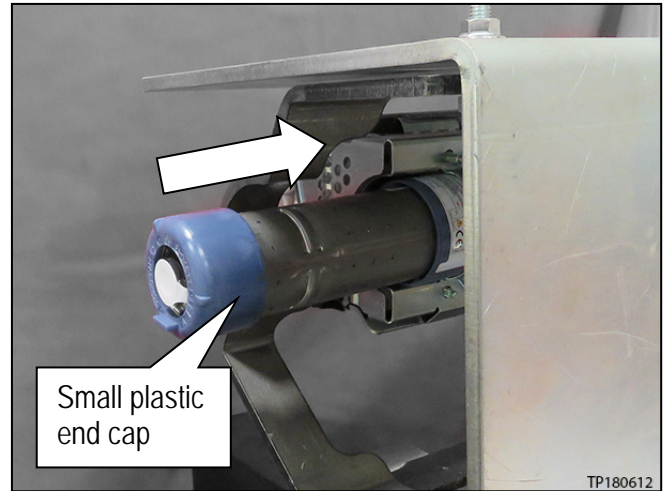


Figure 30

41. On the right side, make sure the tab on the end of the inflator fits in the stopper bracket as shown in Figure 31.

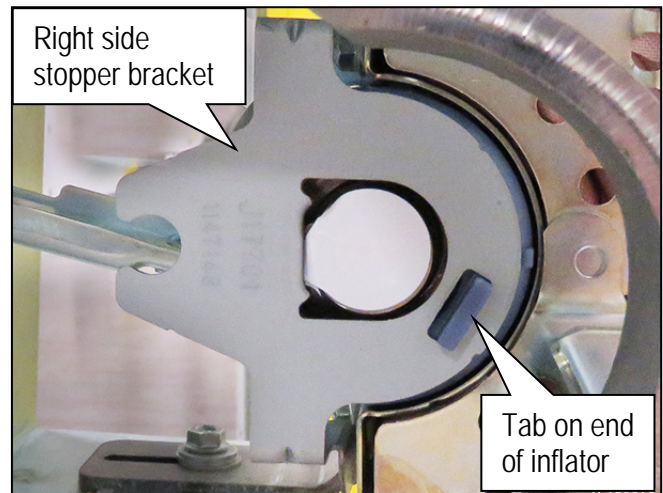


Figure 31

42. Install the left side inflator stopper bracket and 2 inflator securing nuts finger tight (see Figure 32).

**NOTE:** Stopper bracket and new nuts are included with the new module kit.

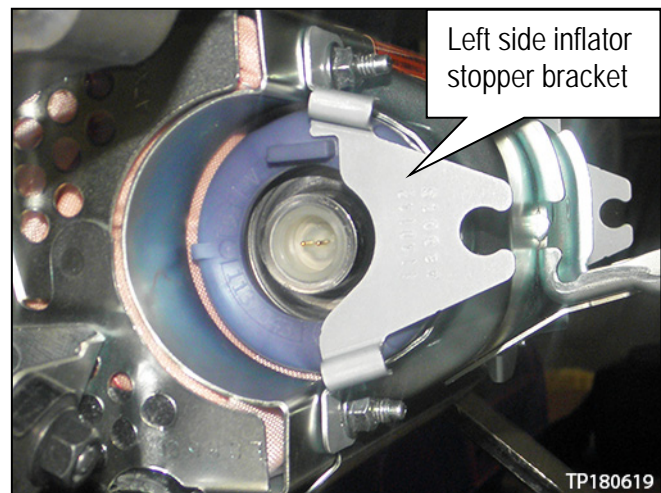


Figure 32

43. Make sure the inflator is pushed all the way into its housing – no gap on the right side (see Figure 33).
44. Make sure there is no gap between the inflator stopper and the inflator on the left side (see Figure 33).

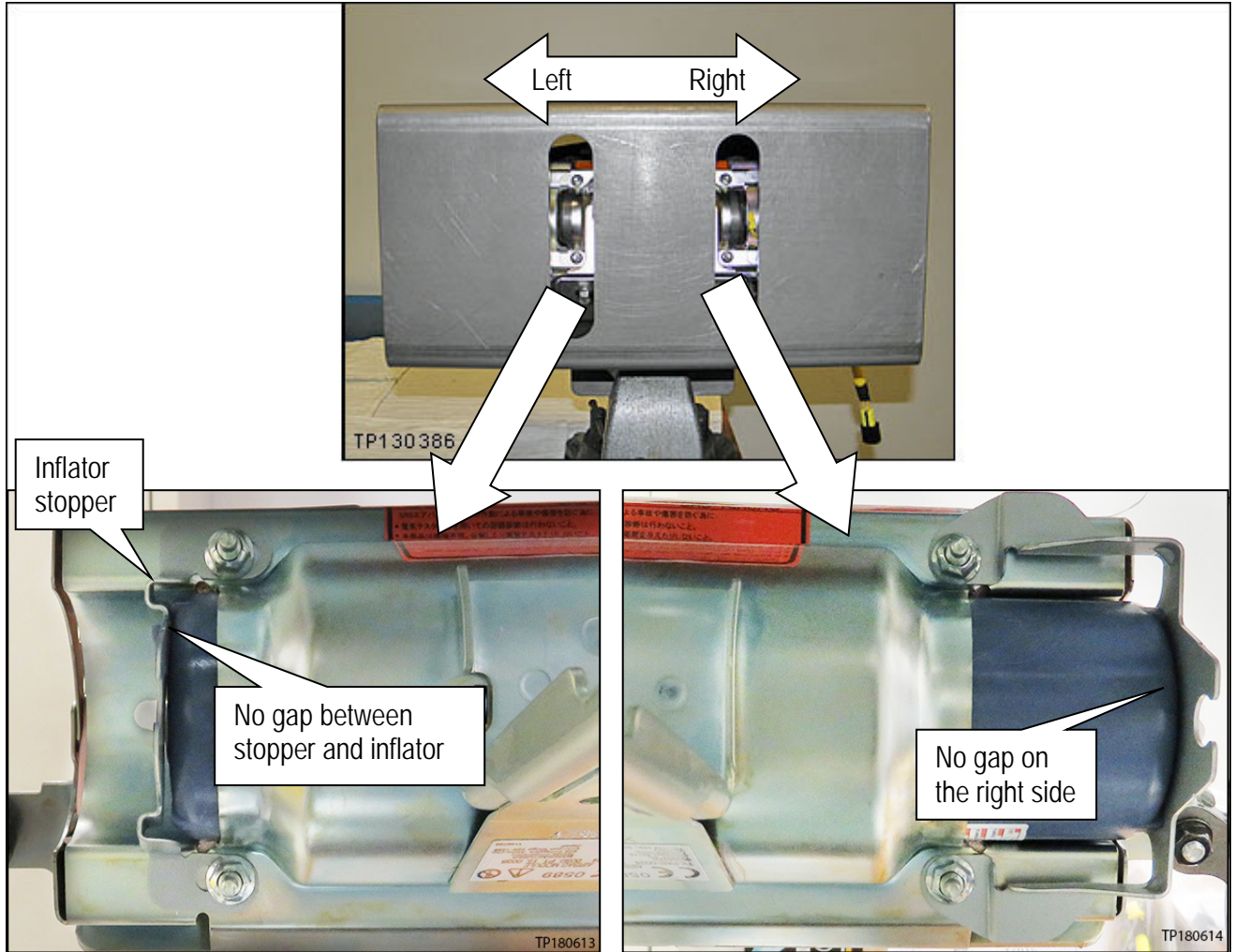


Figure 33

45. Torque the 4 inflator securing nuts.
  - Torque nuts to:  
3.9 N·m (0.39 kg-m, 34 in-lb.).
  - Torque in the order shown.

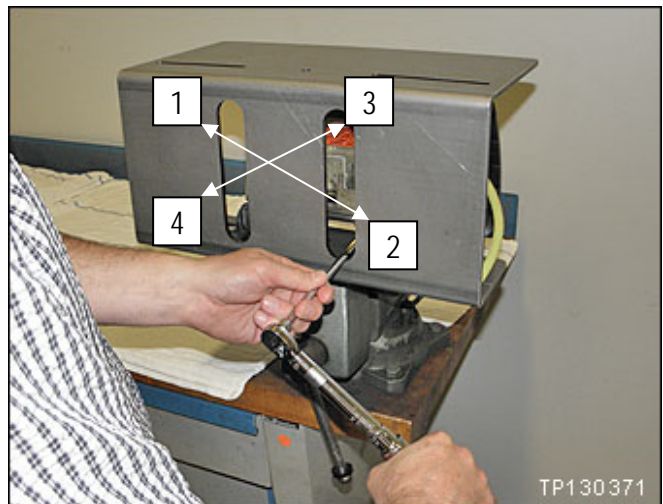


Figure 34

**IMPORTANT:**

- In the next step you will be attaching the new harness to the new inflator.
- Once an inflator connector is attached to the inflator, it cannot be disconnected.
- Make sure to attach the connectors to the correct ends of the inflator (see Figure 35).
  - Left / Right orientation is as shown in Figure 35.

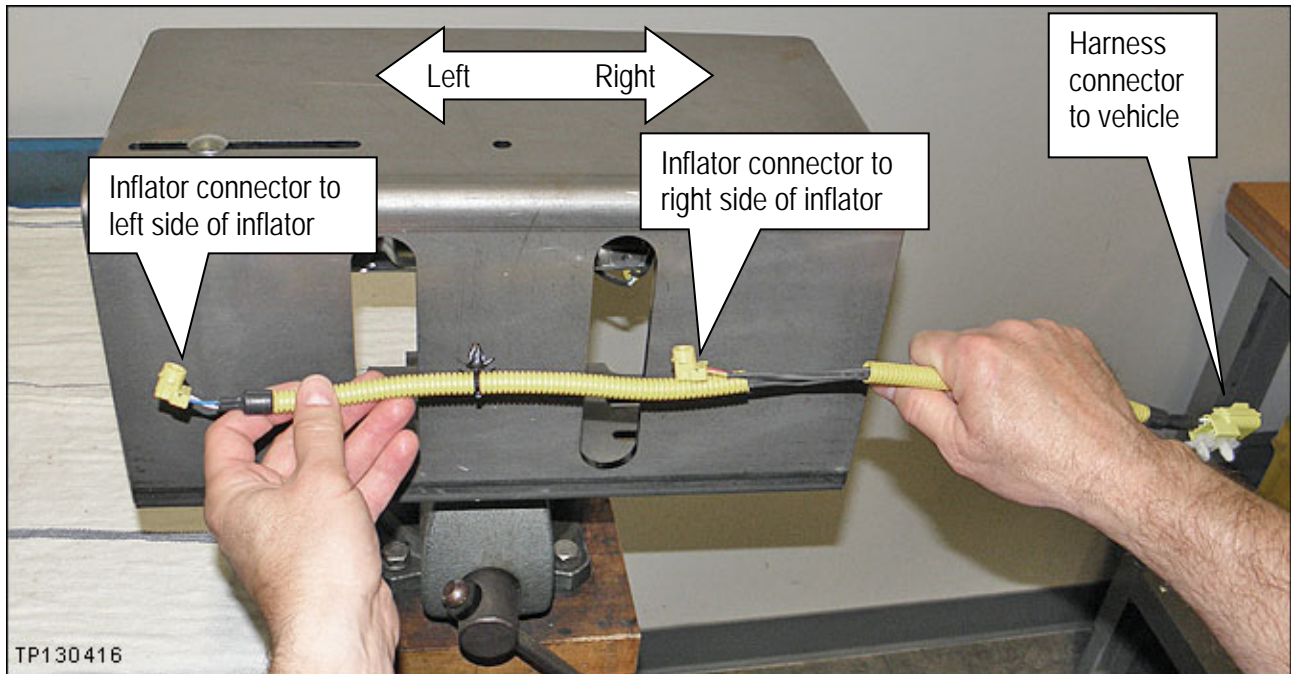


Figure 35

46. Attach the new harness to each end of the inflator.

- Remove the dust proof stickers covering the ends of the inflator.
- The new harness is included with the module kit listed in the Parts Information.
- Make sure to attach the correct ends (see Figure 35 on the previous page).
- Refer to Figures 35, 36, 37, and 38.



Figure 36

- Make sure the T shape at the inflator end aligns with the T shape of the connector.

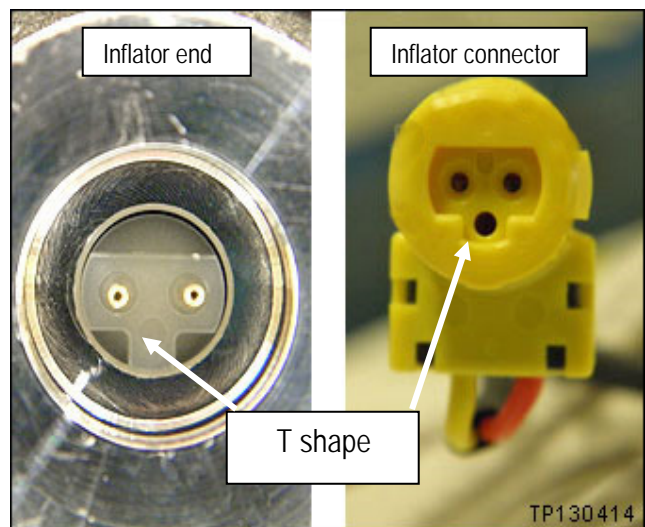


Figure 37

- Make sure harness connector is fully engaged / seated (see Figure 38).

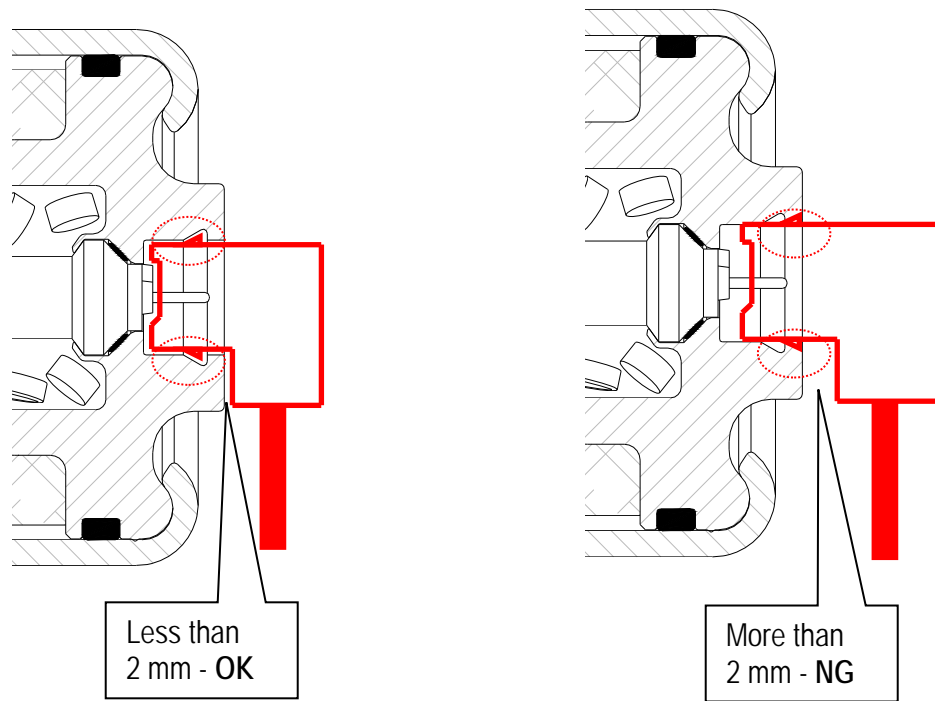


Figure 38

47. Remove the module from the support and set it on the clean working area.

48. Attach the harness clip to the module frame.

49. Clip the harness into the harness guides.

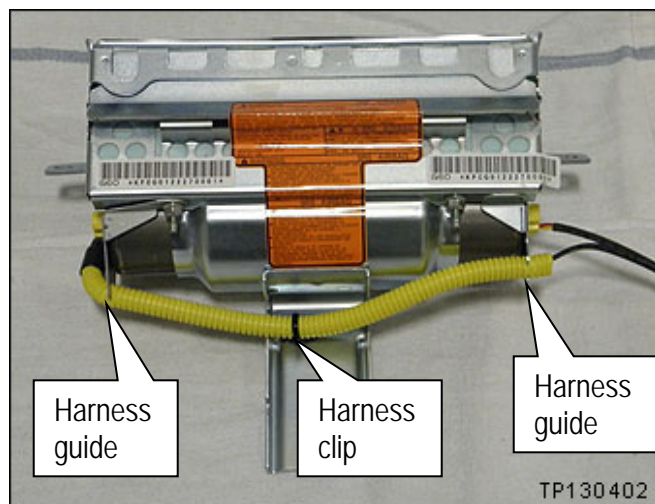



Figure 39

50. Reinstall the module into the vehicle in reverse order of removal.
  - Make sure to use the new "one time use" module mounting bolt included with the harness kit.  
**NOTE:** For FX (per a Service Manual amendment – ITB13-023) only one air bag mounting bolt is "one time use".
  
51. Re-connect both battery cables – positive cable first.
  
52. Reset the clock and the radio settings.
  
53. Turn the ignition ON and observe the air bag warning light:
  - Light should illuminate for 7 seconds and then go out.  
  
**NOTE:** If the Air Bag Warning light does not operate as described above there may be an issue not covered by this campaign. Refer to ASIST and the appropriate Service Manual for additional diagnostic and repair information.
  
54. Return the removed (old / non-deployed) inflator in the box that the new inflator arrived in.
  - Follow the return instructions provided by Takata.
  - Return instructions provided by Takata are attached to this bulletin on page 26.

**PARTS INFORMATION**

| YEAR and MODEL    | DESCRIPTION   | PART NUMBER  | QUANTITY |
|-------------------|---|--|----------|
| 2003-2005 FX35/45 | AIR BAG INFLATOR  | 98561-7999E  | 1        |
| 2003-2005 FX35/45 | MODULE KIT-SUB<br>(Includes harness, module mounting bolts, and inflator securing nuts)   | K8525-CG78D  | 1        |
|                   | <p><b>Shorting Pin</b><br/>(Insulation Displacement Connector for 22-18 gauge wire)</p>  | <p>NAPA item #<br/>784566</p> <p>Grainger Item #<br/>4YT50</p> <p>or equivalent available from<br/>local auto supply</p> | 2        |

**NOTE:**

- Make sure to return the removed (old / non-deployed) inflator in the box that the new inflator came in.
- Follow the return instructions provided by Takata.
- Return instructions provided by Takata are attached to this bulletin on page 26.

## CLAIMS INFORMATION

**NOTE:** Use Service COMM and the VIN to confirm the correct campaign ID number for a given vehicle. The correct number must appear on all communication and documentation of any nature dealing with this campaign.

Submit a "CM" line claim using the following claims coding:

| CAMPAIGN ("CM") I.D. | DESCRIPTION  | OP CODE | FRT      |
|----------------------|--|---------|----------|
| R1622                | FX - Remove and replace front passenger air bag inflator | R16221  | 1.1 hrs. |

OR

| CAMPAIGN ("CM") I.D. | DESCRIPTION  | OP CODE | FRT      |
|----------------------|--|---------|----------|
| R1701                | FX - Remove and replace front passenger air bag inflator | R17010  | 1.1 hrs. |

OR

| CAMPAIGN ("CM") I.D. | DESCRIPTION  | OP CODE | FRT      |
|----------------------|--|---------|----------|
| R1704                | FX - Remove and replace front passenger air bag inflator | R17041  | 1.1 hrs. |

OR

| CAMPAIGN ("CM") I.D. | DESCRIPTION  | OP CODE | FRT      |
|----------------------|--|---------|----------|
| R1706                | FX - Remove and replace front passenger air bag inflator | R17061  | 1.1 hrs. |

OR

| CAMPAIGN ("CM") I.D. | DESCRIPTION  | OP CODE | FRT      |
|----------------------|--|---------|----------|
| R1713                | FX - Remove and replace front passenger air bag inflator | R17131  | 1.1 hrs. |

| EXPENSE CODE | DESCRIPTION  | MAXIMUM AMOUNT |
|--------------|--|----------------|
| 041          | Shorting Pin<br>(Insulation Displacement Connector for 22-18 gauge wire) | \$1.00         |

## AMENDMENT HISTORY

| PUBLISHED DATE | REFERENCE  | DESCRIPTION                   |
|----------------|------------|-------------------------------|
| March 14, 2017 | ITB17-022  | Original bulletin published   |
| June 14, 2017  | ITB17-022a | Amended to consolidate models |
| March 14, 2019 | ITB17-022b | Changes made throughout       |

# Takata Document

## NOTE

NOTE: **International (including Mexico and Canada), Hawaii, Alaska, Puerto Rico, and US Virgin Islands dealers CANNOT** follow below shipping instructions. Instead, dealerships in these locations **MUST** contact the following Takata/Menlo USA representative directly for shipping instructions: Miguel Prigadaa – Tel #: 210-250-5078 or 210-250-5061 Email: [SCTakataRestrains\\_International@xpo.com](mailto:SCTakataRestrains_International@xpo.com)

NOTE: For Continental US 48 State dealerships, please follow steps 1-8 below.

- Specific to Step 4 below:
  - Follow step 4a if you receive the updated NON-FedEx label. Proceed to step 5.
  - Follow step 4b if you receive the FedEx label. Proceed to step 5.

### 1. Shipping Documents

#### a) Box Label

- Supplied with each Kit
- To be affixed to each box



#### b) Over-pack Label

- To be supplied by XPO.
- To be affixed to the outside of each pallet



#### c) Bill of Lading

- To be supplied by XPO.
- Print 2 copies: 1 for Dealer Records, 1 for LTL Driver



#### d) ERG Document

- To be supplied by XPO.
- To be provided by the Dealer to the LTL Driver for each shipment



### 5. Shipping Instructions – Prepare the Pallet

- Accumulate and palletize Kits
- Arrange Kits on Pallet as pictured here
  - 20 boxes per row/layer (5x4)
  - 10 rows/layers per pallet (200 boxes)
- Shrink-wrap Kits to Pallet
- Affix Over-pack Label on (1) side of Pallet (Not on Top)



### 6. Shipping Instructions – Schedule LTL Pickup

- Upon Accumulating 200 kits (1 Over-pack/Pallet) Minimum
  - Call XPO at 1-210-250-5079
  - If 200 Kits have not been accumulated in 30 days, please call XPO for direction
- Have the following Information Available
  - Dealer #
  - Quantity of Over-packs/Pallets
  - Quantity of Passenger Inflator Kits on each Pallet
  - Email Address where shipping Documentation can be received

### 2. Packing Instructions

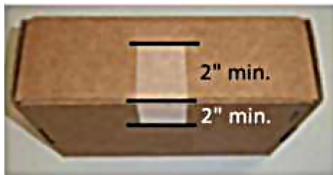
a) Confirm box is in acceptable condition. If a new box is needed, follow the New Box instructions located in Box 8 of this page.

b) Place the un-deployed air bag inflator in the "cradle" of the box insert.



### 3. Closure Instructions

a) Close the top box flap, per box closure instructions located on front panel of box.



### 7. Shipping Instructions – Ship

- Give 1 Copy of BOL and 1 Copy of ERG to Driver
- Retain 1 Copy of BOL for Dealership records and archive for 2 Years

### 8. Requesting a New Box / Shipping Labels

If a new box or replacement shipping labels are needed, please contact the representative listed below by phone or email to request replacement materials.

Primary Contact: Armando Gonzalez - Tel #: 210-250-5079

E-Mail: [SCFieldaction.14305@xpo.com](mailto:SCFieldaction.14305@xpo.com)

To help expedite your request, please be prepared to provide the following information:

- Serial number on the original box
- What Type of shipping material needed
  - Replacement Box
  - Two Part Return Label
  - Bill of Lading
  - ERG Form
- Dealer Shipping Information
  - Contact name
  - Dealer Address
  - Phone Number



### 4a. Shipping Instructions - Label each Box

a) New Labels will begin shipping in each kit starting mid June, 2015

