

Reference:

ITB17-025

Date:

March 14, 2017

VOLUNTARY SAFETY RECALL CAMPAIGN 2008 – 2010 M; FRONT PASSENGER AIR BAG INFLATOR

CAMPAIGN ID #: R1701
NHTSA #: 17V-028
APPLIED VEHICLES: 2008 – 2010 M (Y50)

Check Service COMM to confirm campaign eligibility.

- There are multiple bulletins with different campaign ID numbers for the front passenger air bag inflator.
- Each bulletin is applicable to specific vehicles.
- Make sure the correct bulletin (Campaign ID #) is being used.

INTRODUCTION

Infiniti is conducting a Voluntary Safety Recall Campaign on certain specific model year 2008 – 2010 M vehicles to replace the front Programmable Smokeless Passenger Inflator (PSPI). 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 number R1701 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.

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.

REQUIRED SPECIAL TOOLS

Air Bag Module Support (J-51315-KIT)

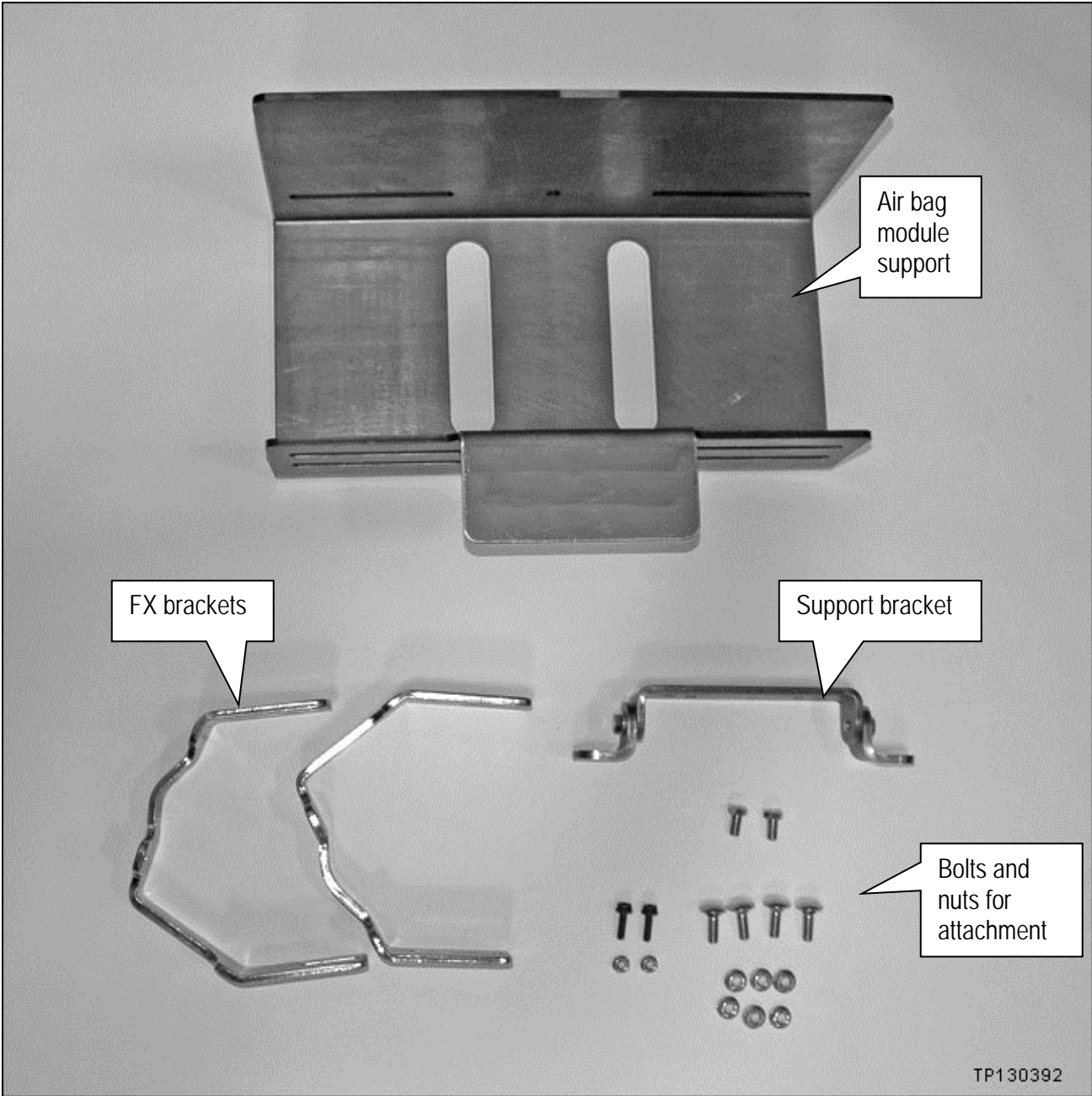


Figure A

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

1. 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. Vol.

2. Turn the ignition OFF.
3. Disconnect both battery cables, negative cable first.
4. Wait at least 3 minutes.
5. Register the new inflator serial number as follows.
 - The new inflator is listed in the Parts Information.

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

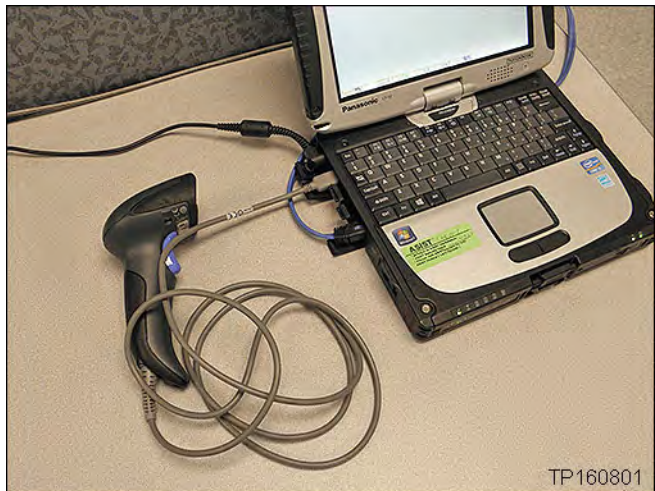


Figure 1

TP160801

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

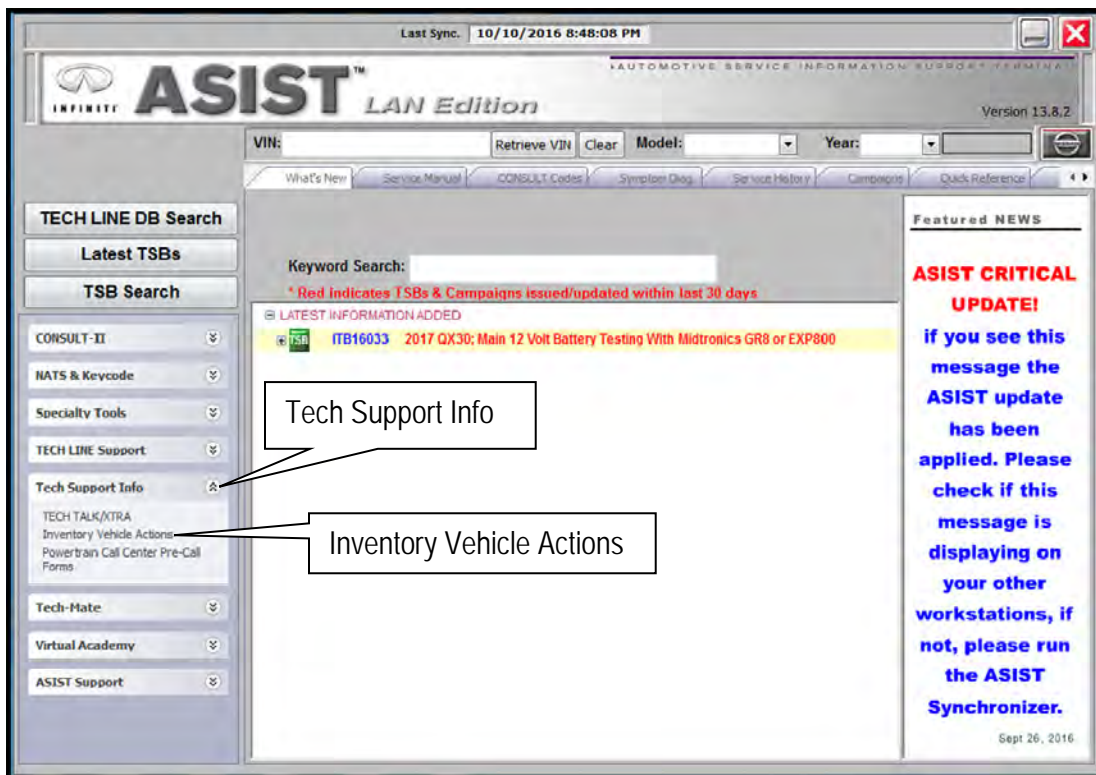


Figure 2

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



Figure 3

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

- Wipe any dirt/debris from bar code before scanning.

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

11/28/2016 1:36:32 PM

Please enter/scan the VIN and Airbag Inflator Serial Number

Dealer Code ■ ■ ■ ■

Key Number ■ ■ ■

VIN

Airbag Serial Number **Submit**

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

Figure 5

- e. Use the quick scan tool to scan the bar code (serial number) on the new inflator shipping box.
- The serial number will automatically populate (see Figure 5 on previous page).

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



Figure 6

- f. Select **Submit** on the ASIST screen (see Figure 5 on the previous page).
6. Remove the passenger air bag module (module) from the vehicle.
- Refer to the appropriate Electronic Service Manual (ESM) for module removal information.

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.

7. Set the module in a clean working area.
8. Securely mount the air bag module support (support) in a vice (see Figure 7).

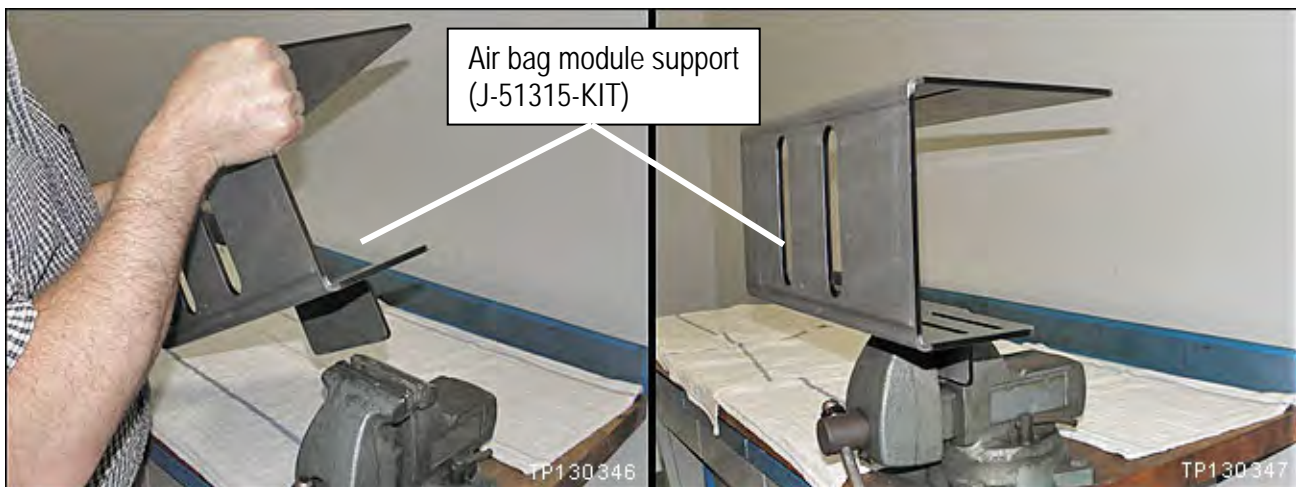


Figure 7

Remove the Inflator from the Air Bag Module Assembly

WARNING: Wear safety glasses while performing inflator replacement.

1. Unclip the harness from the harness guides.

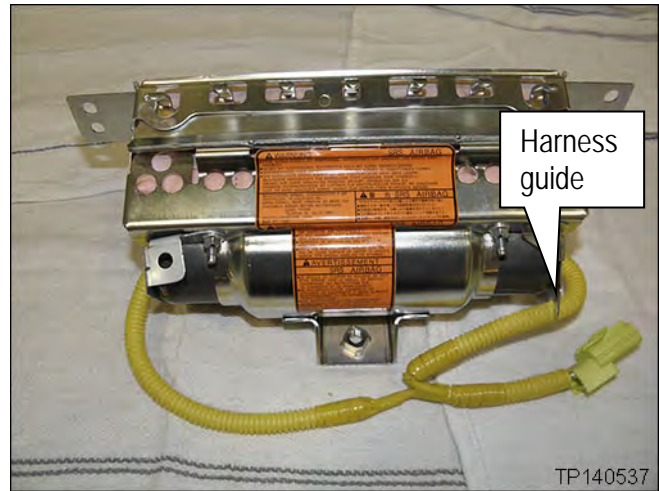


Figure 8

2. 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.

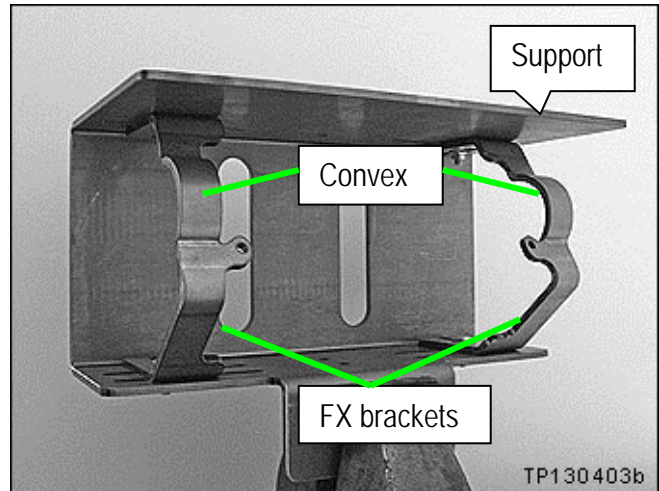


Figure 9

3. 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 down.

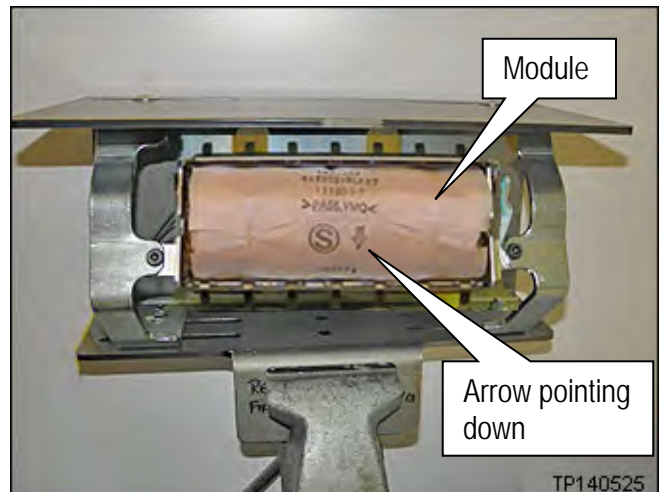


Figure 10

4. 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.

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

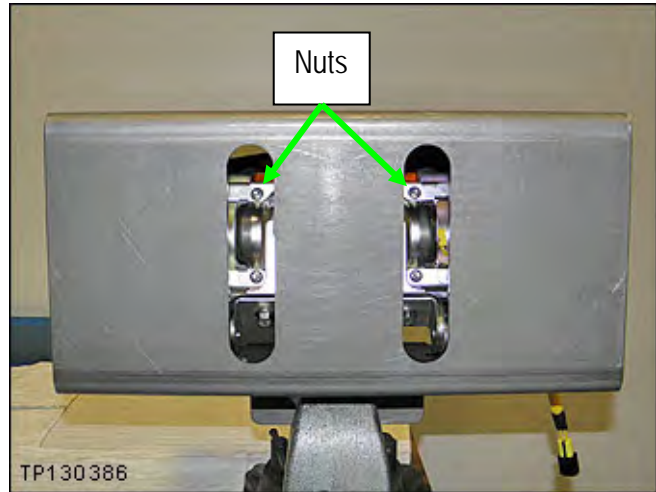


Figure 11

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

6. Carefully cut a few inches of the yellow corrugated harness cover in the area shown.
 - **Do not** cut the wires inside the corrugated cover.

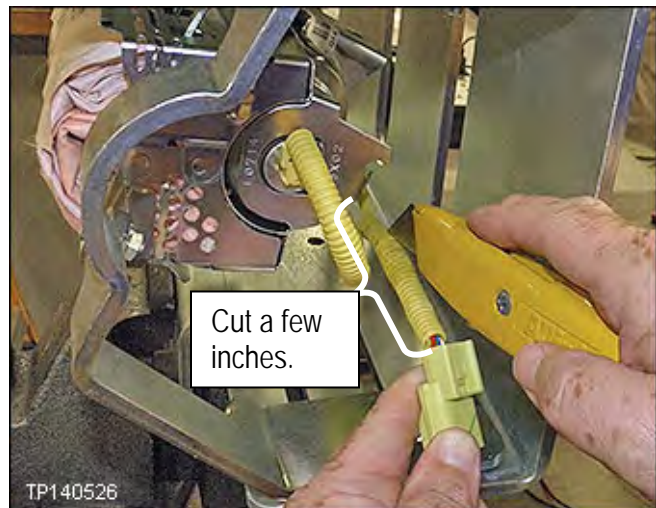


Figure 12

7. 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.

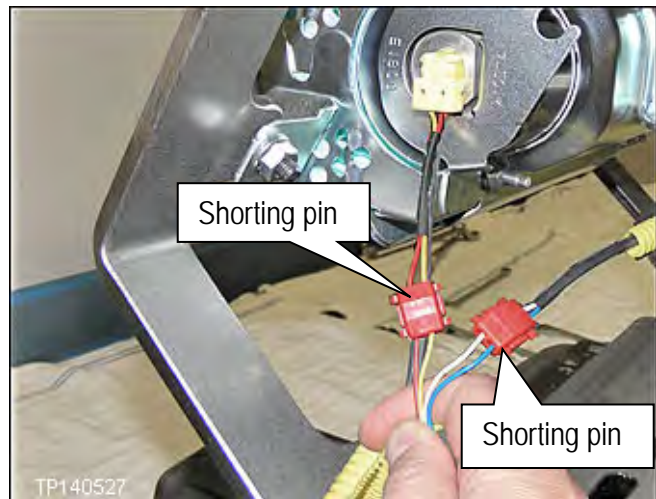


Figure 13

- Cut off the connector end of the harness.



Figure 14

- Remove the 4 nuts from the module that hold the inflator in place (see Figures 15 and 16).

- Use a ratchet and extension.



Figure 15

- Remove the 4 nuts.

NOTE: These nuts will not be reused.

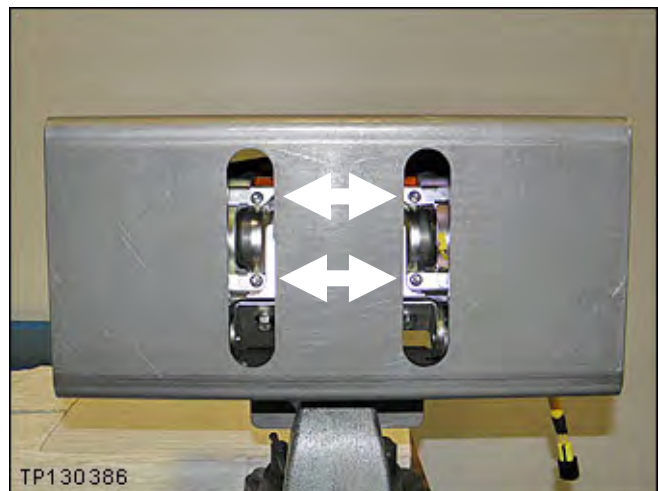


Figure 16

10. Remove the inflator stopper.

NOTE: This stopper will not be reused.

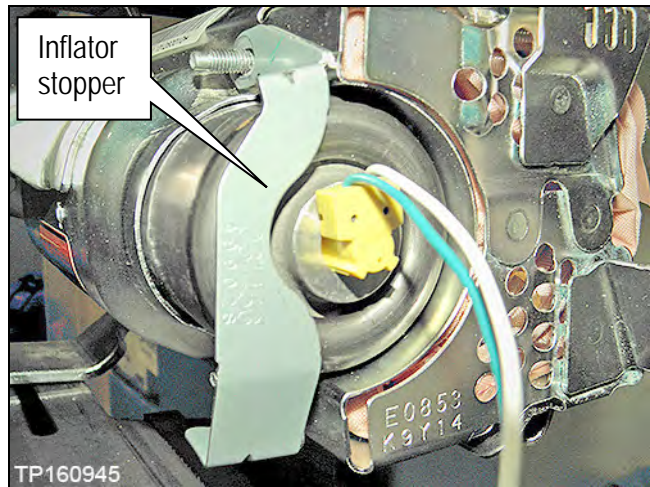


Figure 17

11. Push the left 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.

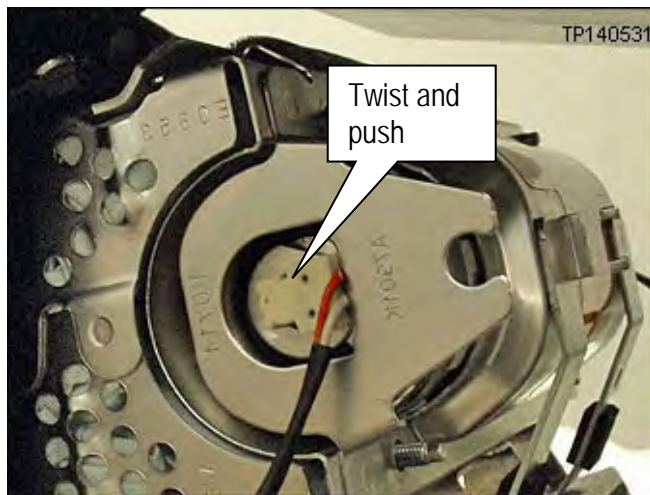


Figure 18

12. Pull the inflator completely out of the module from the right side.

13. Set the old inflator in the clean working area and make sure it does not roll and fall to the floor.

14. Remove the module from the air bag module support and place on a clean working surface.

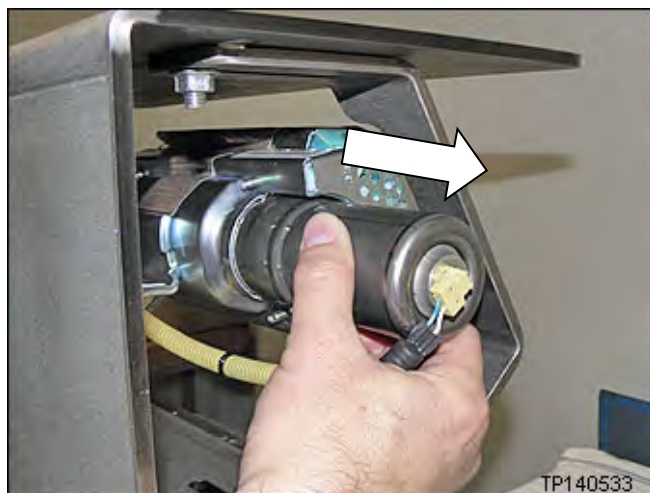


Figure 19

Remove the Inflator Stopper Bracket

1. Remove the left side inflator stopper bracket as follows:

WARNING:

- Make the following cuts using side cutters or other similar snipping tool as shown.
 - Do NOT use any type of tool that would create small debris (such as sawing or grinding). Small debris could enter the module assembly.
 - Be careful of sharp edges while making these cuts.
- a. Cut left and right vertical attachments.
 - Left side shown cut in Figure 22.

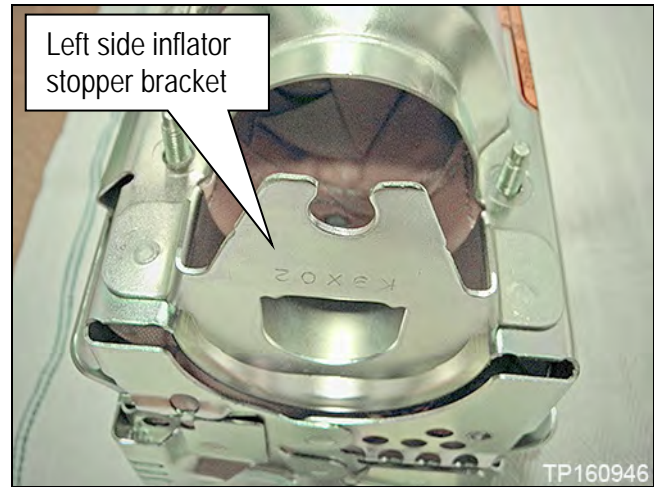


Figure 20

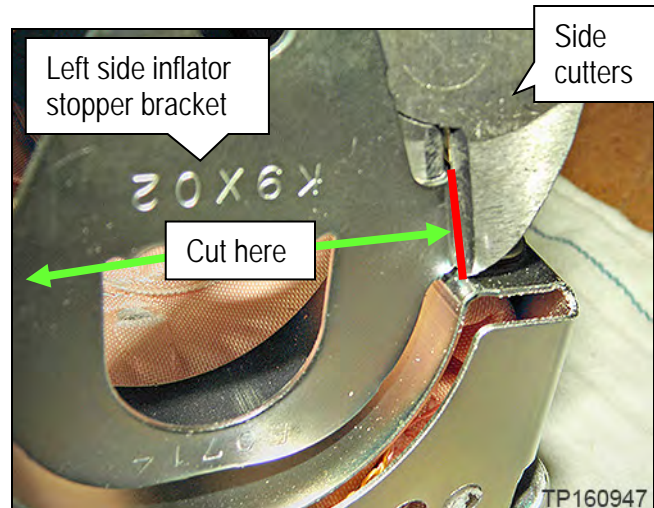


Figure 21

- b. Cut the remaining tabs at the points shown in Figure 22.

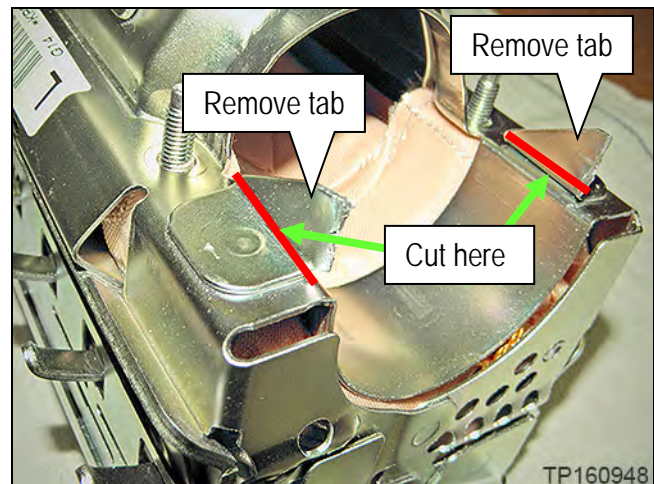


Figure 22

- c. Apply non-woven tape over the sharp edges where the cuts were made.
- Non-woven tape is supplied in the harness kit.

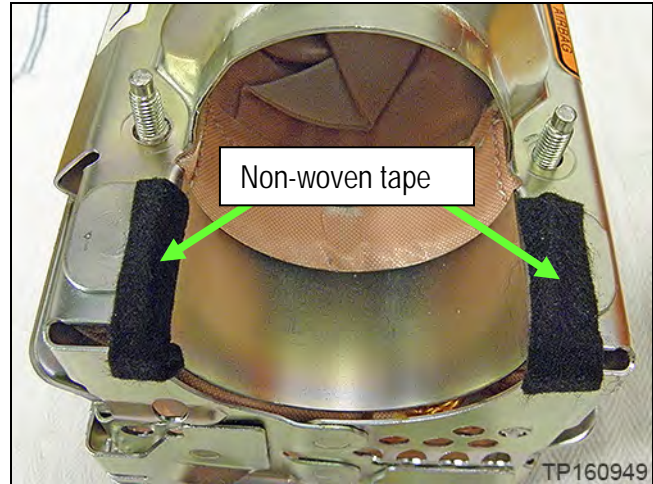


Figure 23

- d. Install the new left side inflator stopper bracket (shown in Figure 24) with new nuts finger tight.
- Make sure to use **new nuts**.
 - New nuts and stopper brackets are included in the harness kit.

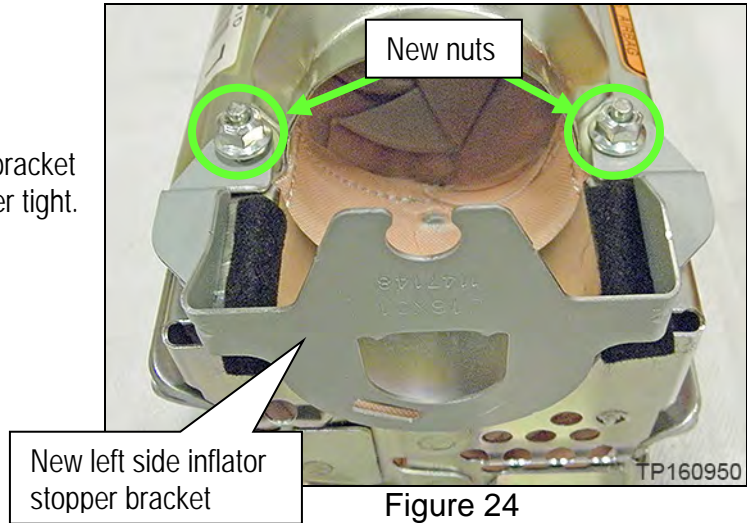


Figure 24

- e. Place the module back into the air bag module support with the arrow pointing down.

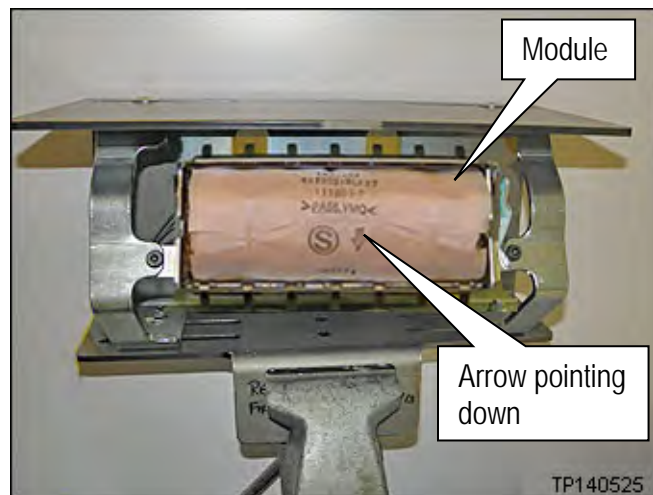


Figure 25

Install new Inflator into the Module

1. Remove the new inflator from the box.
2. Insert the new inflator large end first, as shown in Figure 26 from the right side.

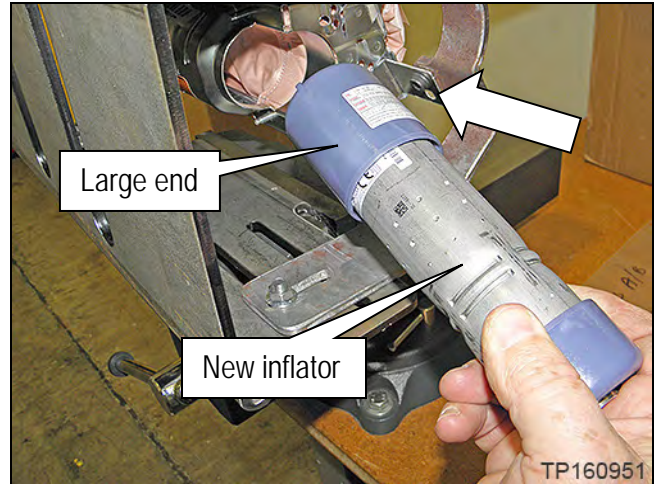


Figure 26

3. Align the inflator tab and then insert it through the hole in the left side inflator stopper bracket.

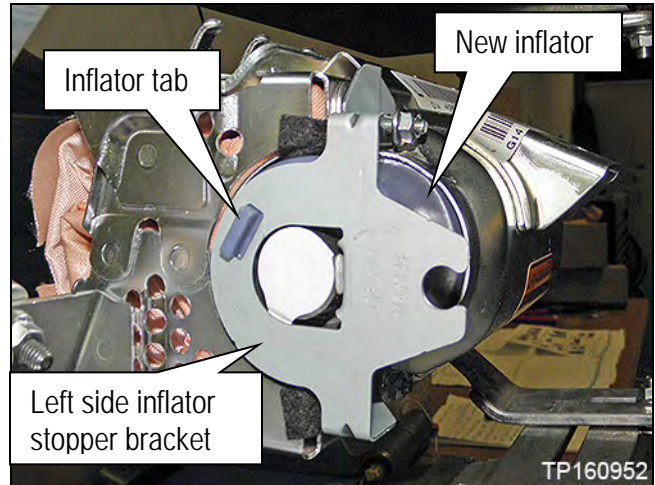


Figure 27

4. Install the **new** right side inflator stopper bracket (shown in Figure 28) with nuts finger tight.
 - Make sure to use **new nuts**.
 - New nuts and new stopper bracket are included in the harness kit.

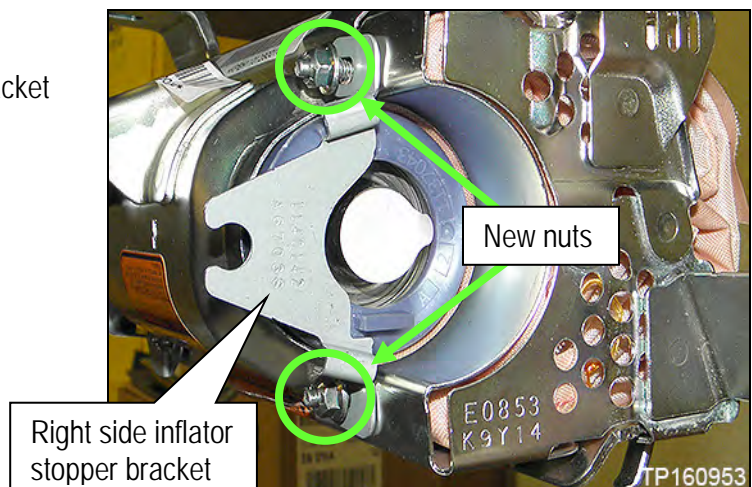


Figure 28

5. Push the new right side inflator stopper bracket against the Inflator.

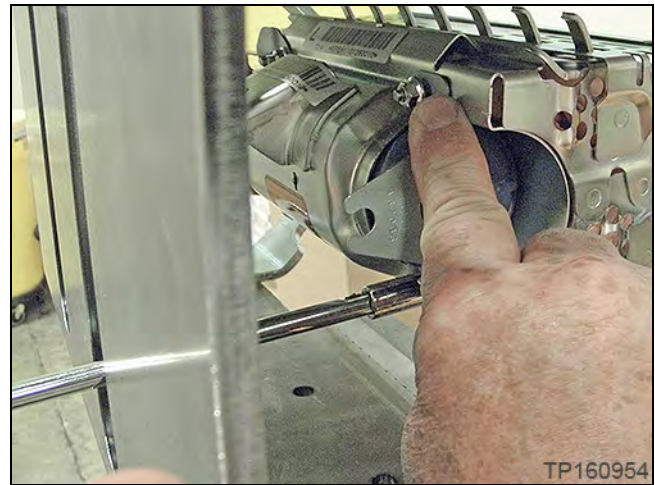


Figure 29

- Make sure the inflator is pushed all the way into its housing – no gap on the left side (see Figure 30).
- Make sure there is no gap between the inflator stopper bracket and the inflator on the right side (see Figure 30).

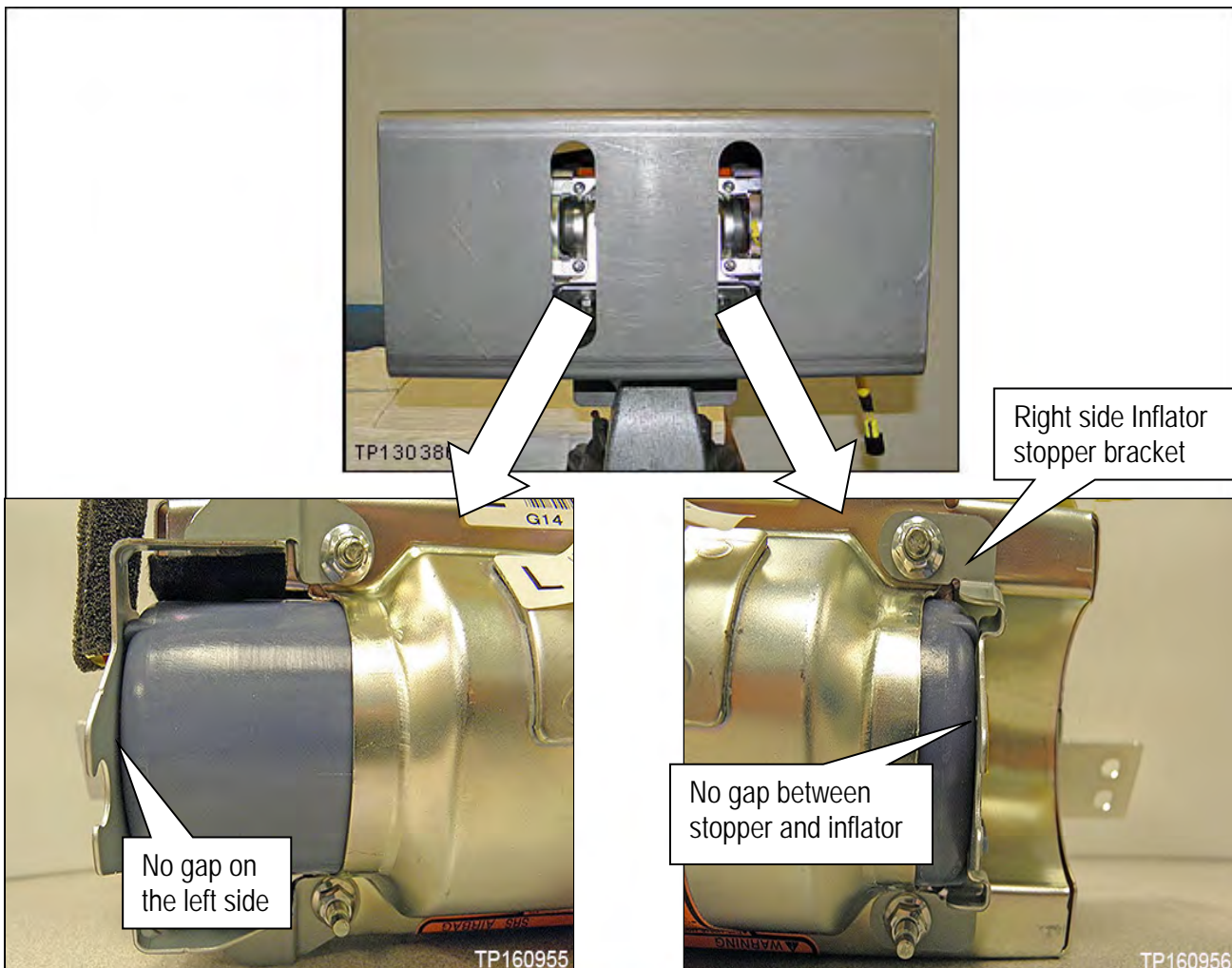


Figure 30

6. 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.

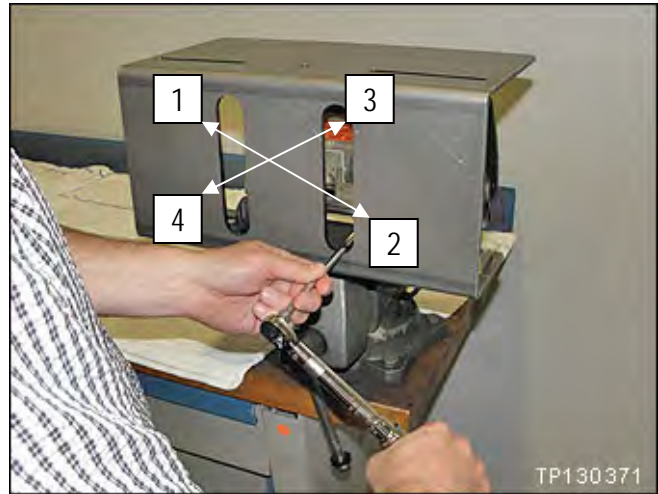


Figure 31

IMPORTANT:

- In the next step, on the next page, 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 32 and 33).

7. Attach the new harness to each end of the inflator.
 - Remove the dust proof stickers covering the ends of the inflator.
 - Refer to Figures 32, 33, and 34.

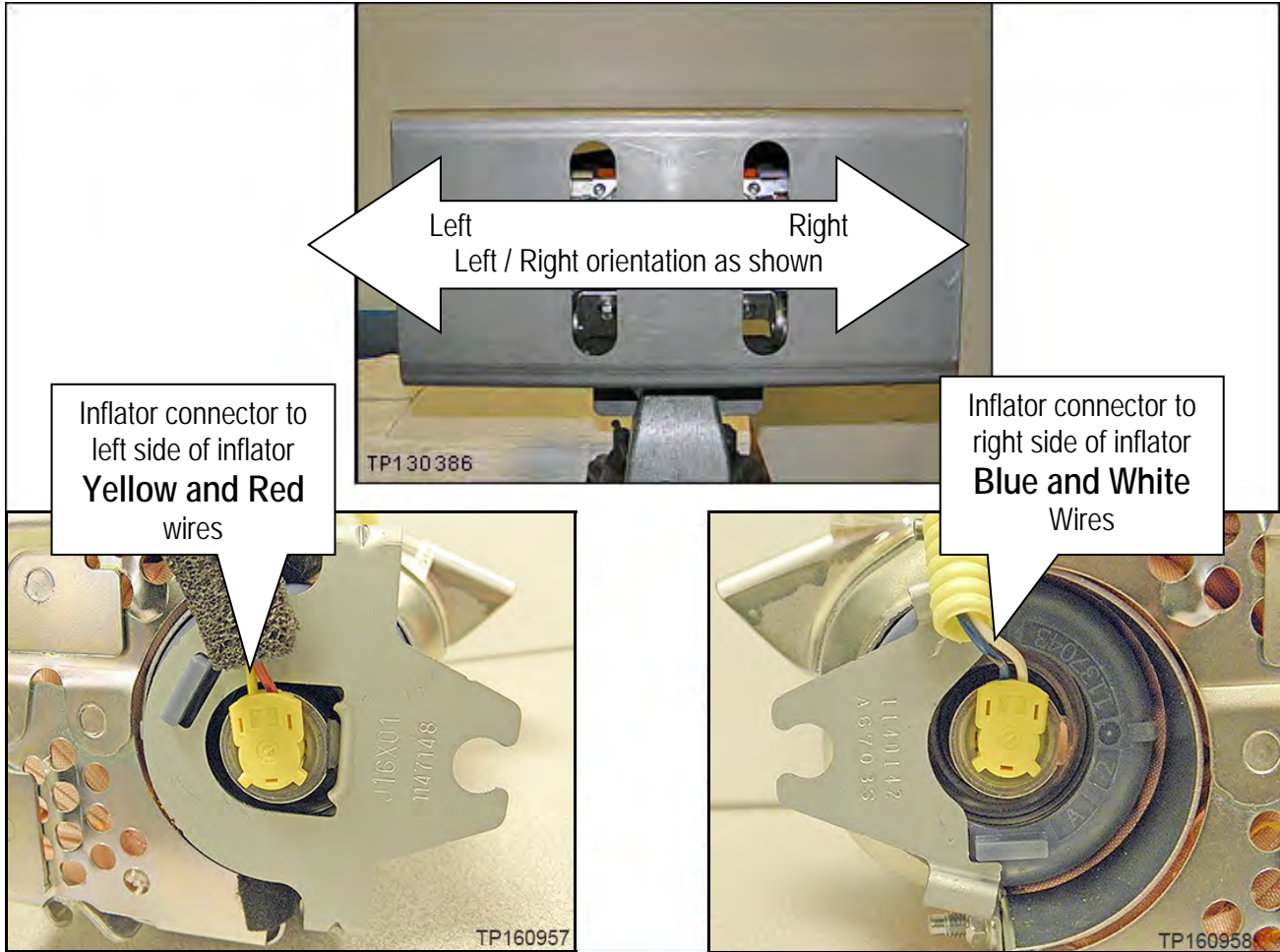


Figure 32

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

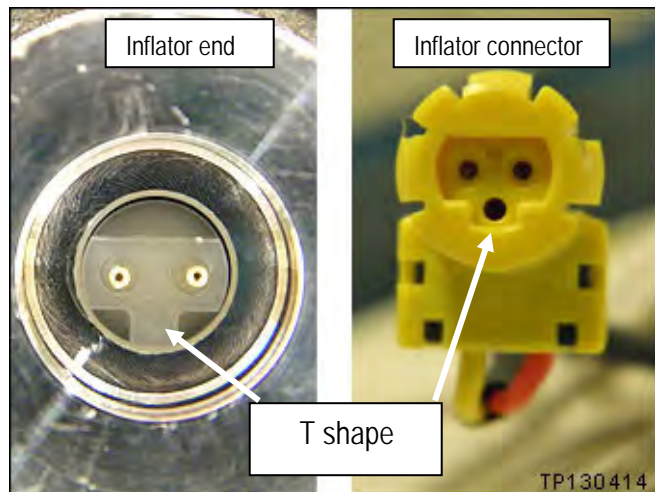


Figure 33

- Make sure harness connector is fully engaged / seated (see Figure 34).

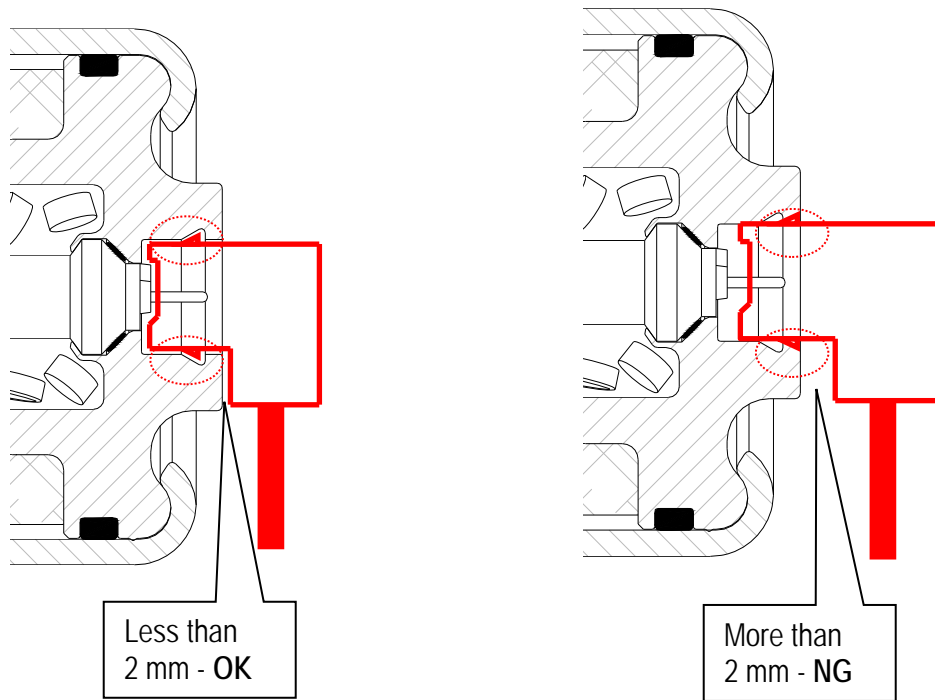


Figure 34

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

9. Clip the new harness into the harness guides.

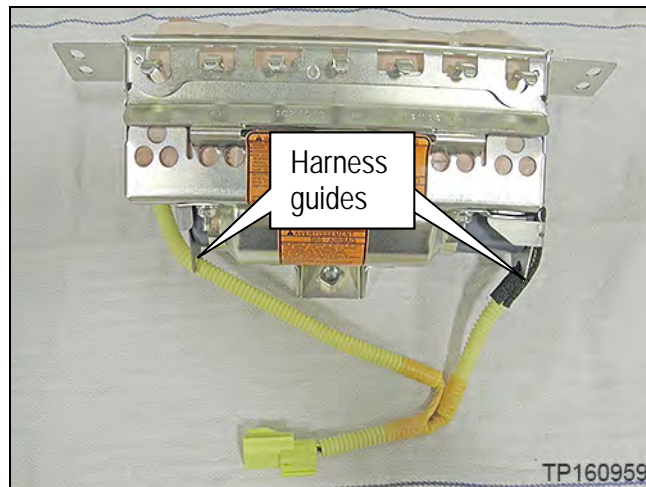


Figure 35

Reinstall Module back into Vehicle


1. Reinstall the module into the vehicle in reverse order of removal.
 - Make sure to use the new “one time use” module mounting bolts included with the harness kit.
2. Re-connect both battery cables – positive cable first.
3. Reset/reinitialize systems as needed.
 - Refer to the ESM, section **GI-General Information**, for a listing of systems that require reset/initialization after reconnecting the 12 V battery.
 - Look in the GI section index for **ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL**.
 - This list often includes items such as radio, power windows, clock, sunroof, etc.

4. Turn the ignition from OFF to 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.

5. 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 21.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
INFLATOR-AIR BAG ASST (Passenger Air Bag Module Inflator)	98561-7999E	1
HARNESS KIT (Includes stopper brackets, inflator nuts, and module mounting bolts)	B4A67-EH50D	1
<p>Shorting Pin (Insulation Displacement Connector for 22-18 gauge wire)</p> 	<p>NAPA item # 784566</p> <p>Grainger Item # 4YT50</p> <p>or equivalent available from 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 21.

CLAIMS INFORMATION

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

CAMPAIGN ("CM") I.D.	DESCRIPTION	OP CODE	FRT
R1701	M - Remove and replace front passenger air bag inflator	R17013	2.8 hrs.

EXPENSE CODE	DESCRIPTION	MAXIMUM AMOUNT
041	Shorting Pin (Insulation Displacement Connector for 22-18 gauge wire)	\$0.50

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 Email: MLGTakataRestraints_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 provide by the Dealer to the LTL Driver for each shipment



5. Shipping Instructions – Prepare the Pallet

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



6. Shipping Instructions – Schedule LTL Pickup

- a) 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
- c) 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.



4a. Shipping Instructions – Label each Box

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



7. Shipping Instructions – Ship

- a) Give 1 Copy of BOL and 1 Copy of ERG to Driver
- b) 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

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

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

