

# VOLUNTARY RECALL CAMPAIGN

Classification: Reference: Date:

RS22-006A NTB22-072A July 25, 2023

# VOLUNTARY SAFETY RECALL CAMPAIGN 2007-2012 VERSA; DRIVER & FRONT PASSENGER AIR BAG INFLATOR INSPECTION

This bulletin has been amended. See AMENDMENT HISTORY on the last page.

Please discard previous versions of this bulletin.

CAMPAIGN ID #: PC904

**APPLIED VEHICLES:** 2007-2011 Versa Sedan (C11)

2007-2012 Versa Hatchback (C11)

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

#### INTRODUCTION

Nissan is conducting this voluntary safety recall campaign, on certain specific model year 2007-2012 Versa vehicles to inspect and, if necessary, replace the driver and/or front passenger Air Bag inflators. This service will be performed at no charge to the customer for parts or labor.

TK Services and RXO Logistics have issued return packaging, shipping labels, documents, and directions that must be used and followed in order to properly carry out this campaign. Information on this documentation is provided in this bulletin.

#### **IDENTIFICATION NUMBER**

Nissan has assigned identification number PC904 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 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, Nissan strongly encourages dealers to correct any used vehicles in their inventory before they are retailed.

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.

#### **REQUIRED SPECIAL TOOLS**

Additional tools can be obtained from Tech•Mate at www.techmatetools.com or 1-833-397-3493.

**HINT:** When ordering, keep in mind that the tool part number prefix has changed from "J" to "NI". For example, J-51315 is now NI-51315.

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

• New tool part number NI-51315.

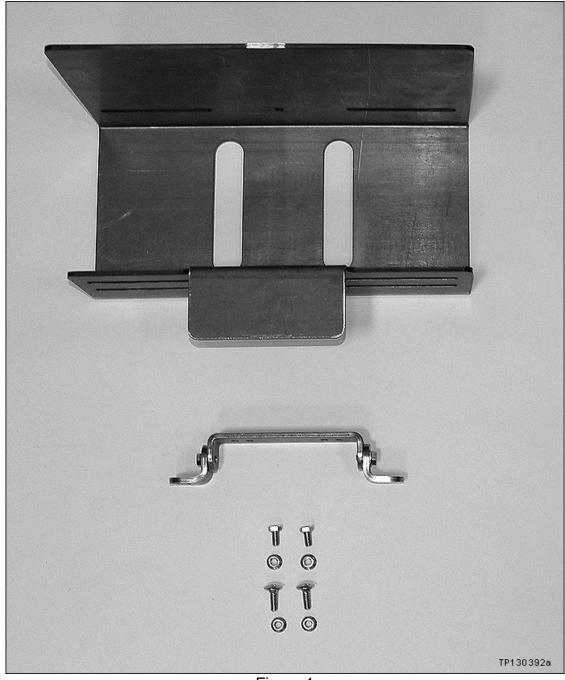


Figure 1

# **REQUIRED SPECIAL TOOLS (continued)**

# **Quick Scan Tool (J-52352)**

- Each dealer has been previously shipped one Quick Scan Tool.
  - o New tool part number NI-52352.



Figure 2

#### **SERVICE PROCEDURE**

### **AWARNING**

To avoid the risk of death or severe personal injury, follow all cautions, warnings and notes when working on or near a Supplemental Restraint System (SRS), such as an Air Bag.

## NOTICE

To avoid damage to the vehicle, handle interior trim carefully. Work with clean hands and clean tools to avoid dirt and stains. Use protective covers as needed.

1. Write down the radio settings.

Presets	1	2	3	4	5	6
AM						
FM 1						
FM 2						
SAT 1						
SAT 2						
Bass	Treb	le B	Salance	Fade	Speed Vol.	Sen.

- 2. Turn the ignition OFF.
- 3. Disconnect both battery cables, negative cable first.
- 4. Wait at least 3 minutes.

### **Driver Air Bag Module Removal**

- 5. Remove the Driver Air Bag (module) from the steering wheel.
  - Refer to the ESM: RESTRAINTS > SUPPLEMENTAL RESTRAINT SYSTEM (SRS) > DRIVER AIR BAG MODULE > Removal and Installation
- 6. Set the Driver Air Bag module in a clean working area.

### **Driver Air Bag Inflator Inspection**

- 7. Inspect the label on the Driver Air Bag inflator.
  - If the inflator label is completely yellow, with a small white square bar code as shown in Figure 3, continue to step 8 on page 6 for Driver Air Bag inflator replacement.

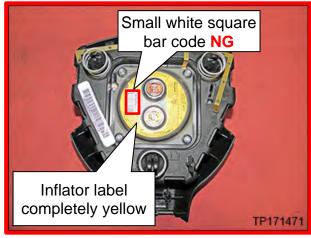


Figure 3

- If the inflator label lower bar code section is completely white as shown in Figure 4, inflator replacement is NOT required.
  - Skip to step 14 on page 10 to reinstall the Driver Air Bag module.

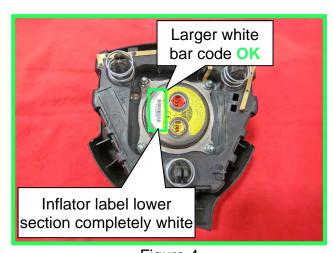


Figure 4

### **Driver Air Bag Inflator Registration**

- 8. Obtain a new inflator from your parts department.
  - The new inflator is listed in **PARTS INFORMATION**.
- 9. Register the new inflator serial number as follows:
  - Attach the Quick Scan Tool (J-52352) to your CONSULT PC USB port.

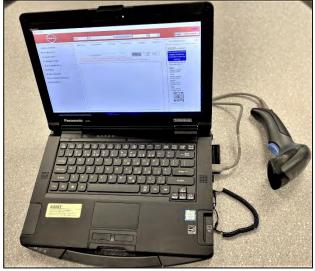


Figure 5

b. On the left side of the ASIST main menu, select **TECH SUPPORT INFO**, and then **Inventory Vehicle Actions**.

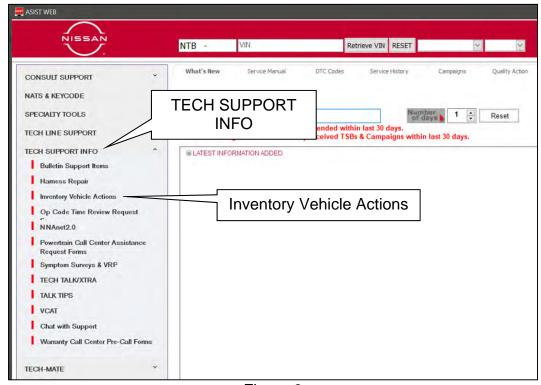


Figure 6

c. Select CLICK HERE... next to Airbag to VIN Registration.



Figure 7

- d. Use the Quick Scan Tool to scan the bar code (VIN) on the B-pillar label.
  - Wipe any dirt/debris from the bar code before scanning.
  - Some labels may not scan quickly.
  - Hold the scan tool approximately 6 (six) inches away from the label.
  - Hold the trigger down until the label is read (this may take several seconds).



Figure 8

- o The VIN will automatically populate (Figure 9 on page 8).
- o If needed, the VIN can be entered manually.

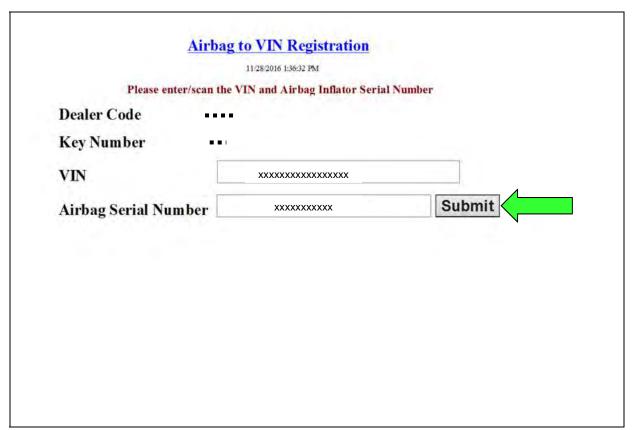


Figure 9

- 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 (Figure 9).

**IMPORTANT:** The serial number is the one that <u>does not</u> have "KIT" in front of it.

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

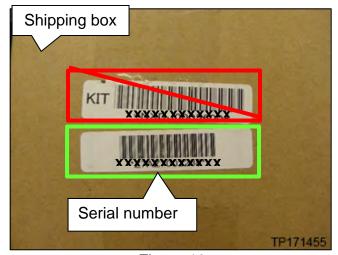


Figure 10

f. Select **Submit** on the ASIST screen (Figure 9).

# **Driver Air Bag Inflator Replacement**

- 10. Remove the four (4) driver Air Bag inflator nuts shown in Figure 11.
  - Discard the driver Air Bag inflator nuts, they will not be reused.

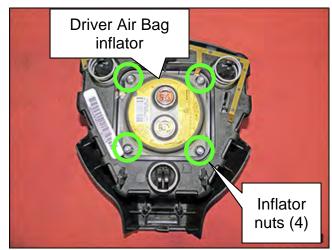


Figure 11

11. Remove the inflator from the module.



Figure 12

- 12. Install the new inflator from the **PARTS INFORMATION** into the module as shown in Figure 13.
  - The bar code on the new inflator will be located on the left.

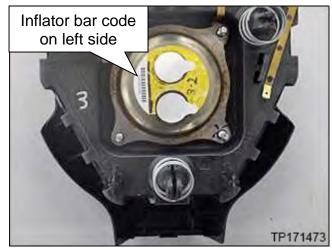


Figure 13

- 13. Install four (4) new nuts from the **PARTS INFORMATION** and torque.
  - Driver Air Bag inflator nut torque:
     5.0 N•m (0.51 kg-m, 44 in-lb)

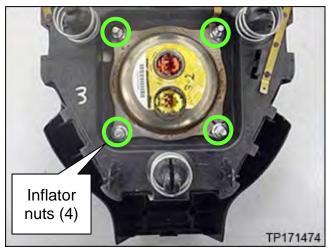


Figure 14

### **Driver Air Bag Module Installation**

- 14. Install the driver Air Bag (module) to the steering wheel.
  - Refer to the ESM: RESTRAINTS > SUPPLEMENTAL RESTRAINT SYSTEM (SRS) > DRIVER AIR BAG MODULE > Removal and Installation

# Front Passenger Air Bag Module Inspection

15. Pull the passenger door weather strip away, as shown in Figure 15.



Figure 15

16. Remove the passenger (RH) side A pillar trim, as shown in Figure 16.



Figure 16

17. Release the pawls and remove the instrument side panel RH, as shown in Figure 17.



Figure 17

- 18. Remove the side ventilator assembly (RH).
  - Insert a suitable tool into the top gap of the side ventilator assembly, then starting from the center console side, disengage the clips and pawl of the instrument panel pad.

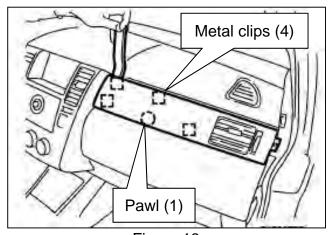


Figure 18

- 19. Using a telescoping mirror and a light, inspect the area shown in Figure 19 to determine if the Air Bag inflator is metal or has a plastic end cap.
  - If the front passenger Air Bag inflator end cap is plastic (Figure 20 and Figure 22 on page 14), no replacement is required. Reassemble the instrument panel in the reverse order of disassembly, and then skip to step 53 on page 29.

**HINT:** The plastic end cap may be a different color than shown.

• If the front passenger Air Bag inflator is metal (no plastic end caps as shown in Figure 21 and Figure 23 on page 14), continue to step 20 on page 15 for front passenger Air Bag inflator replacement.



Figure 19

### **Examples of Air Bag Inflators**

**HINT:** The plastic end caps may be a different color than shown.



Air Bag Inflator with no end caps (NG Condition)



Figure 20

Figure 21



Figure 22



Figure 23

### Front Passenger Air Bag Module Removal

### **AWARNING**

To avoid the risk of death or severe personal injury:

- Work from behind and to the sides of the support.
- Wear safety glasses while performing inflator replacement.
- 20. Remove the front passenger Air Bag (module).
  - Refer to the ESM: RESTRAINTS > SUPPLEMENTAL RESTRAINT SYSTEM (SRS) > PASSENGER AIR BAG MODULE > Removal and Installation
- 21. Set the module in a clean working area.

# Front Passenger Air Bag Inflator Replacement

22. Securely mount the Air Bag Module Support in a vise (Figure 24).

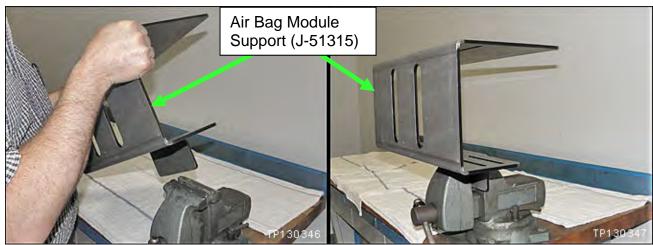


Figure 24

23. Detach the front passenger Air Bag harness from the instrument panel finisher and module frame.

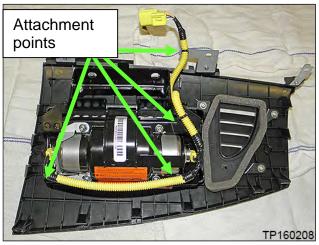
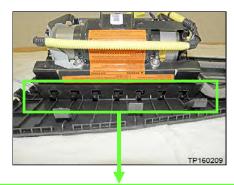


Figure 25

- 24. Remove the instrument panel finisher from the module assembly.
  - a. Detach the module hooks (Figure 26) one at a time, starting at one end and then working towards the opposite end (seven [7] hooks).
    - Detach the hooks from the side of the instrument panel finisher that is facing up when it is installed in the vehicle.



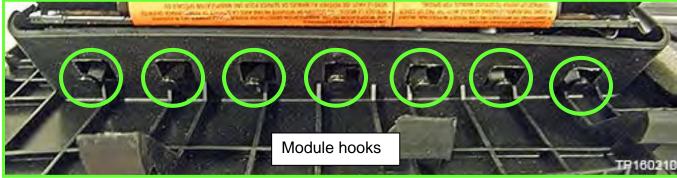


Figure 26

b. Swing the module away from the instrument panel finisher and then detach the hooks on the opposite side to remove.

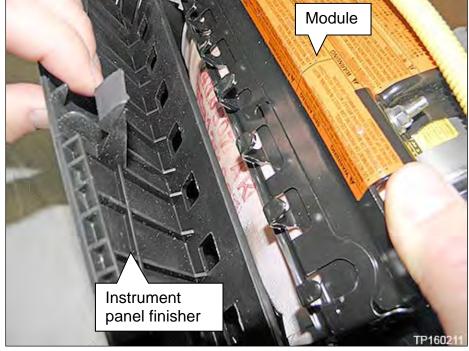


Figure 27

- 25. Attach the support bracket to the module frame.
  - Tighten the bolts holding the bracket to the module frame.

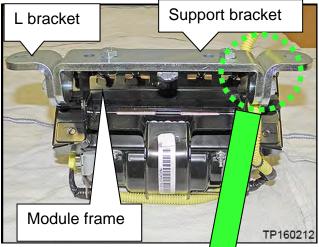


Figure 28

26. Put a washer between the bolt and L bracket (on the right side as viewed in Figure 29).

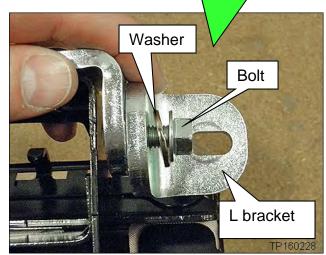


Figure 29

- 27. Mount the module in the support.
  - Use the bolts and nuts supplied with the support.



Figure 30

- Install washers between the L bracket and the support.
- Use standard washers from a generic nut and bolt selection.
- Use about four (4) washers to create a space about 5/16 inch (8 mm).

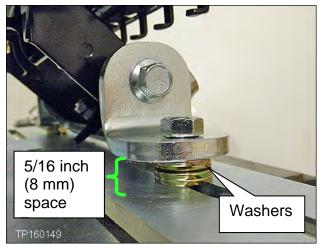


Figure 31

- 28. Make sure the module is centered in the support.
  - Centering the module in the support will allow access to the inflator securing nuts through the slots in the support.
- 29. Tighten all of the mounting bolts and nuts that hold the module to the support.

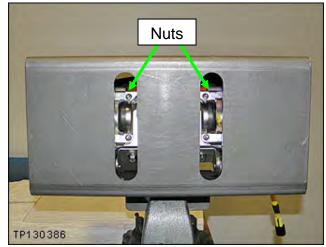


Figure 32

- 30. Carefully cut a few inches of the yellow corrugated harness cover in the area shown in Figure 33.
  - Do NOT cut the wires inside the corrugated cover.



Figure 33

- 31. Attach the two shorting pins to the inflator harness as shown in Figure 34.
  - Make sure to pair the wires from each end of the inflator.
    - o Blue with White
    - o 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.

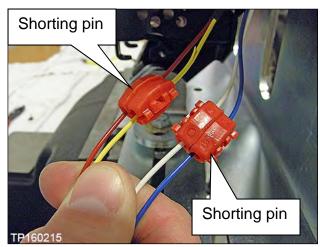


Figure 34

32. Cut off the connector end of the harness.

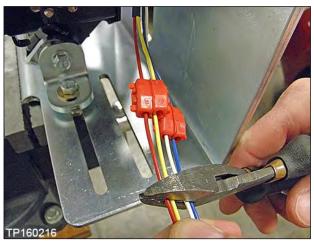


Figure 35

- 33. Remove the four (4) nuts from the module that hold the inflator in place (Figure 36 and Figure 37).
  - Use a ratchet and extension.



Figure 36

• Remove and discard the four (4) nuts, they will not be reused.

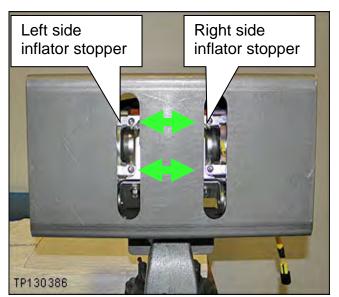


Figure 37

- 34. Remove the right side inflator stopper.
  - Discard the right side inflator stopper, it will not be reused.

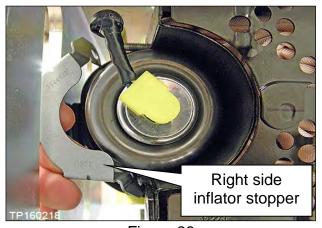


Figure 38

35. Push the left side of the inflator out of the module.

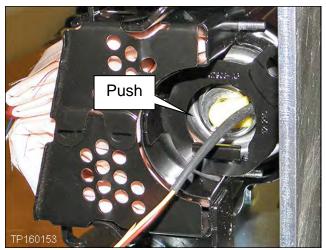


Figure 39

- 36. Pull the inflator completely out of the module from the right side.
- 37. Set the old inflator in the clean working area, making sure it does not roll and fall to the floor.

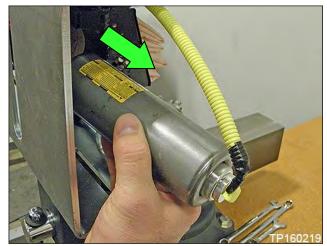
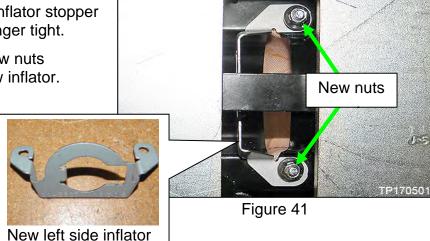


Figure 40

- 38. Obtain a new inflator from your parts department.
  - The new inflator is listed in **PARTS INFORMATION**.
- 39. Register the new inflator serial number as shown in step 9 on pages 6 8, then continue to step 40 on page 23.

- 40. Install the new left side inflator stopper with two (2) new nuts, finger tight.
  - Ensure to use the new nuts included with the new inflator.



stopper

Slide the plastic end cap in first.

41. Slide the new inflator into the module assembly from the right side.

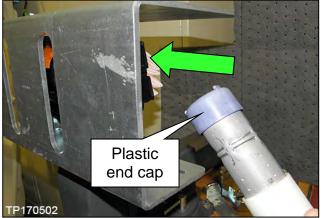


Figure 42

- 42. Make sure the inflator is positioned/oriented correctly as shown in Figure 43.
  - The flat side of the inflator end (end on the left side) must face the flat side of the inflator stopper.

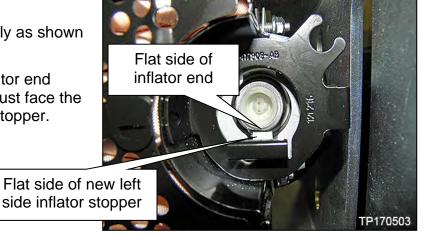
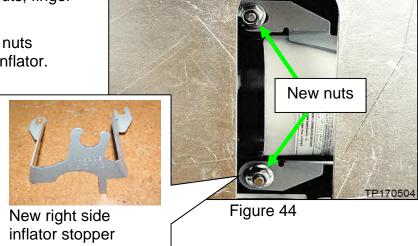


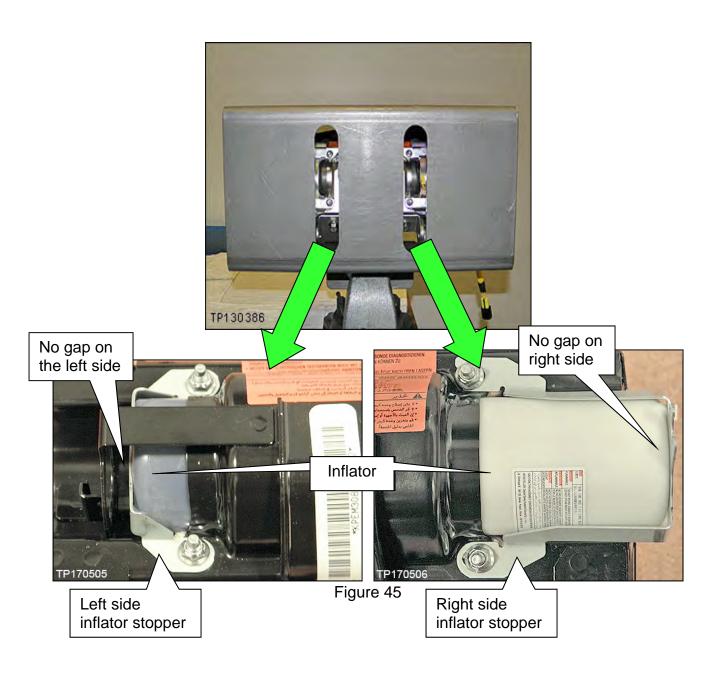
Figure 43

43. Install the new right side inflator stopper with two (2) new nuts, finger tight.

• Ensure to use the new nuts included with the new inflator.



- 44. Make sure the inflator is pushed all the way into its housing and up to the left side inflator stopper no gap on the left side (Figure 45).
- 45. Make sure there is no gap between the right side inflator stopper and the inflator (Figure 45).



- 46. Torque the four (4) inflator securing nuts in the sequence shown in Figure 46.
  - Inflator nut torque: 3.9 N•m (0.39 kg-m, 34 in-lb)

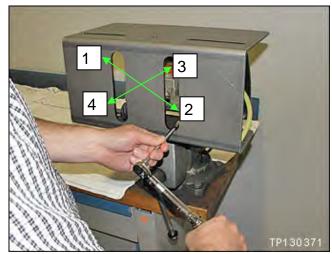


Figure 46

### **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 <u>cannot</u> be disconnected.

- 47. Attach the new harness to the inflator.
  - Make sure to attach the harness correctly (Figure 47, Figure 48 and Figure 49).
  - The short lead of the harness will be attached to the purple end of the inflator.
  - The long lead of the harness will be attached to the white end of the inflator.

Module shown outside support to illustrate harness layout.

Purple side

White side

EXAMPLE ONLY

TP170507

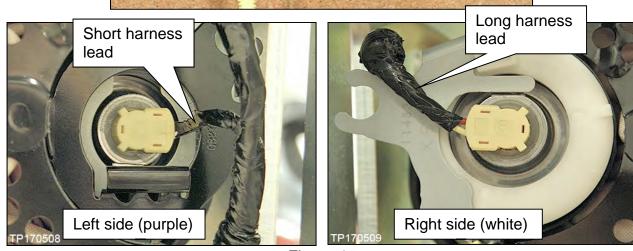


Figure 47

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

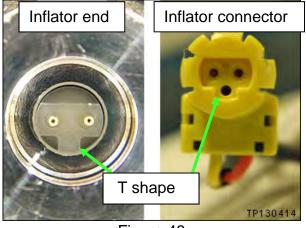


Figure 48

• Make sure the inflator connectors are fully engaged / seated (Figure 49).

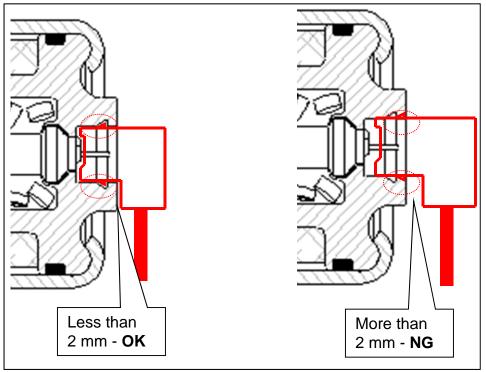


Figure 49

- 48. Remove the module from the support and set it on the clean working area.
- 49. Remove the module support bracket from the module frame.

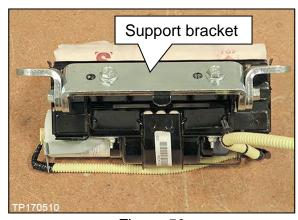


Figure 50

- 50. Reinstall the instrument panel finisher to the module assembly.
- 51. Route and attach the harness to the harness guides, and attach the harness clips as shown in Figure 51.

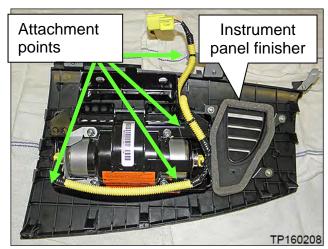


Figure 51

- 52. Reinstall the module into the vehicle in reverse order of removal.
  - Make sure to use new module mounting bolts included with the new inflator.
- 53. Reconnect both battery cables, positive cable first.
- 54. Turn the ignition from OFF to ON and observe the Air Bag warning light.
  - The Air Bag warning light should illuminate for 7 seconds, and then go out.
  - If the Air Bag warning light does not operate as described above, there may be an issue not covered by this campaign. Refer to the ESM for additional diagnostic and repair information.
- 55. Reset the clock and the radio settings.
- 56. Return the removed (old / non-deployed) inflator in the box that the new inflator came in.
  - TK Services and RXO Logistics have provided return instructions for the recalled Takata inflators and modules at pages 30-33 of this bulletin.
    - Reminder: Federal Hazardous Material Regulations (HMR) govern preparation of shipments of hazardous materials and prohibit handling and preparation for shipment by any person who is not trained and certified as required by the HMR. The HMR impose specific requirements for retailers, packaging, labeling and pre-transportation functions. Violations can result in civil penalties by the Pipeline and Hazardous Materials Safety Administration. (Title 49 Code of Federal Regulations Subchapter C)

### Hazardous Materials Training/Certification Responsibility

In accordance with Title 49, Code of Federal Regulations (49 CFR), Sections 172 Subpart H and 173.1(b), it is the responsibility of the dealer to ensure that every employee handling and preparing hazardous materials for shipment is properly trained/certified. Initial and recurring training can be completed by contacting one of the training companies listed below, or any other company that offers hazardous material training/certification.

### SHIPMATE, INC.

Hazardous Materials Training & Consulting 780 Buckaroo Trail, Suite D Sisters, OR 97759 Website: www.shipmate.com, Tel: 310.370.3600, Fax: 310.370.5700

#### **DGI Training Center**

West Seminar Registrations and On-Site Information 1060 El Camino Real, Suite B Redwood City, CA 94063-1645 Website: www.dgitraining.com, Tel: 650.306.8450 or 800.338.2291

### **Lion Technology**

570 Lafayette Rd. Sparta, NJ 07871-3447 Email: info@lion.com, Tel: 888.546.6511, Fax: 973.579.6818

#### TAKATA AIRBAG RECALL RETURN INSTRUCTIONS

**IMPORTANT:** Must be performed by certified DOT HAZMAT personnel.

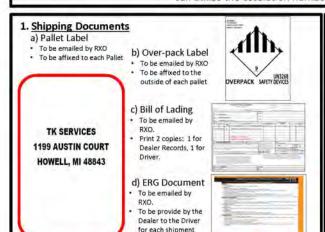
Takata

### **Inflator and Module Returns** Shipping Instructions

06/20/2023

Airbag Recall Please contact scfieldaction.14305@rxo.com for documentation and to arrange pickup

If retailers do not receive a response from an RXO logistics specialists within 48 to 72 hours, then they can utilize the escalation number, (210) 317-6436 for further assistance.



#### 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 and Pallet Label on (1) side of Pallet (Not on Top)
- e) If 200 boxes are not accumulated every 2 weeks, please proceed to step 6.

Note: If you receive non-uniform sized kits (Older version), Please contact RXO via the instructions in Box 6 for additional Instructions



#### 2. Packing Instructions

#### \*\*DO NOT DEPLOY THE INFLATOR\*\*

 a) Confirm box is in acceptable condition.
 Box should be in good condition with no visible signs of damage and should be capable of withstanding additional transportation.

- b) If a new box is needed, follow the New Box instructions located in section #8 of this page.
- C) Place the un-deployed air bag inflator or module in the "cradle" of the box insert.

#### 6. Shipping Instructions - Schedule Pickup

- a) Upon Accumulating 200 kits (1 Over-pack/Pallet) Minimum
- Contact RXO at the e-mail noted above If 200 Kits have not been accumulated every 2 weeks, please contact RXO for direction.
- Complete shipping template and attach to E-Mail.
- b) Have the following Information Available
- Dealer #
- Quantity of Over-packs/Pallets
- Quantity of Driver Kits and Quantity of Passenger Kits on each Pallet
- Email Address where shipping Documentation can be received.
- Lift gate Service Needed?

#### 3. Closure Instructions

a) Close the top box flap, per box closure instructions located on front panel of box using a 2" wide by 4" long piece of tape to securely Close the box.





Module

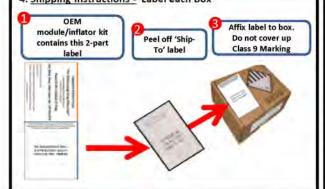
Inflator

### 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 at least 2 Years

### 4. Shipping Instructions - Label each Box



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

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

#### **Primary Contact**

E-Mail: scfieldaction.14305@rxo.com

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

a) Serial number on the original box

(if replacement box is needed)

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

NOTE: International and ALL Locations outside of the Continental United States (APAC, EMEA, Mexico, Hawaii, Alaska, Puerto Rico, and US Virgin Islands dealers) CANNOT follow above shipping instructions. Instead, dealerships in these locations MUST contact TK services /RXO USA representative directly for shipping instructions: RXO Representative .Email: <a href="mailto:scriedaction.14305@rxo.com">scriedaction.14305@rxo.com</a> Continental US 48 State Dealerships, please follow steps 1-8 above.

### **BOOKING TEMPLATE FOR TAKATA AIRBAG RECALL RETURNS**

PALLET (5) MUST BE READY BEFORE SENDING IN THE TEMPLATE. ALL FIELDS						
PERTAINING TO YOUR LOAD MUST BE FILLED IN AND SENT TO						
SCFIE	LDACTI	ON.143	305@RX	O.COM		
ESCALATIO	for any or any				The second second	
And the second s			and the second		The state of the s	
TEMPLATE MUST	RE OSE	DFUK	ALL BU	OKING	REQUESTS.	
Dealer Code						
Dealer Name						
Pickup Address						
City, State & Zip						
YOUR Name & Phone#(DO NOT GIVE YOUR CELL #)						
Hours available for pickup						
Email Address for BOL						
Do you need a truck with lift gate and pallet jack ( YES or NO)						
SPECIAL EQPT NEEDS OR SPECIFIC CARRIER REQUEST						
	Pallet #1	Pallet #2	Pallet #3	Pallet #4	Pallet #5	
Driver Side Count						
Passenger Side Count						
TOTAL	0	0	0	0	0	
	D-U-A	B-U-A	7-11-4	D-11-4	7.1104	
	Pallet #6	Pallet #7	Pallet #8	Pallet #9	Pallet #10	
Driver Side Count	,,,	70.7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7.0	***	
Passenger Side Count				-		
TOTAL	0	0	0	0	0	
	Pallet #11	Pallet #12	Pallet #13	total boxes		
Driver Side Count				0		
Passenger Side Count				0		
TOTAL	0	0	0	0		
TRUCK LOAD IS 14 +						
PALLETS	USE THIS SECTION FOR 14 PALLETS OR MORE					
TOTAL PALLET COUNT						
TOTAL DRIVER COUNT						
TOTAL PASSENGER COUNT						
TOTAL WEIGHT						

# PALLET (S) MUST BE READY BEFORE SENDING IN THE TEMPLATE. ALL FIELDS PERTAINING TO YOUR LOAD MUST BE FILLED IN AND SENT TO SCFIELDACTION.14305@RXO.COM ESCALATION PHONE NUMBER 210-317-6436 MIGUEL PRIGAADA

Dealer C	Code				De	aler or Bu	usiness Nar	ne 🗌							
Pickup A	Address								City, State	e & Zip 🗌					
Physical	Address	s (if differe	ent from pi	ickup addr	ess)					Cit	y, State &	Zip			
YOUR Na	me & Pho	ne#						- 3	Hours Av	ailable for	Pickup [				
									Days/hou (lunch ho	ırs pickup ur if shut	is not allo down)	wed			
Email add	dress for E	BOL								eed a truc pallet jack		YES	s 🔲	NO	]
		er expect Please giv	to find ve clear dil	rections						nstruction driver loca					
	Pallet #1	Pallet #2	Pallet #3	Pallet #4	Pallet #5	Pallet #6	Pallet #7	Pallet #8	Pallet #9	Pallet #10	Pallet #11	Pallet #12	Pallet #13	Pallet #14	Total Boxes
Driver															
Side Count		Ш	Ш	Ш	Ш				Ш	Ш		Ш	Ш		Ш
Passenger Side Count															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

### **PARTS INFORMATION**

DESCRIPTION	PART NUMBER	QUANTITY
DRIVER AIR BAG INFLATOR SERVICE KIT (Drivers)	98560-EM39E	1 If needed
INFLATOR-AIR BAG ASST (Passenger)	98561-EM39A	1 If needed
Shorting Pin (Insulation Displacement Connector for 22-18 gauge wire)	NAPA Item # 784566 Grainger Item # 4YT50 Or equivalent available from local auto supply	2 If needed

### HINT:

- Make sure to return the removed (old / non-deployed) inflator in the box that the new inflator came in.
- Follow the return instructions beginning on page 30.

### **CLAIMS INFORMATION**

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

CAMPAIGN ("CM") ID	DESCRIPTION	OP CODE	FRT
	Inspect Driver and Passenger Air Bag Inflators, OK, Do Not Replace	PC9040	0.8
PC904	Inspect Driver and Passenger Air Bag Inflators, Replace only Front Passenger Air Bag Module Inflator	PC9041	1.1
	Inspect Driver and Passenger Air Bag Inflators, Replace only Driver Air Bag Module Inflator	PC9042	1.0
	Inspect Driver and Passenger Air Bag Inflators, Replace both Driver and Front Passenger Air Bag Module Inflators	PC9043	1.3

### **AMENDMENT HISTORY**

PUBLISHED DATE	REFERENCE	DESCRIPTION				
August 15, 2022	NTB22-072	Original bulletin published				
July 25, 2023	NTB22-072A	Pages 1-3, 6, 7, 29, and 31 updated; pages 30, 32, and 33 added; "NOTE" references changed to "HINT"				