

RS20-005

NTB20-054

July 23, 2020

Date:

2009-2011 370Z COUPE AND 2010-2011 370Z ROADSTER; TAKATA PASSENGER AIR BAG MODULE INFLATOR COLLECTION

CAMPAIGN ID #: P0A10 **APPLIED VEHICLES:** 2009-2011 370Z Coupe (Z34) 2010-2011 370Z Roadster (Z34)

Check Service COMM or Dealer Business Systems (DBS) National Service History to confirm eligibility. Use the ID # listed for each specific vehicle (VIN).

INTRODUCTION

Nissan is conducting this Takata Inflator Field Quality Parts Collection to replace the passenger air bag inflator on certain preselected 2009-2011 370Z Coupe and 2010-2011 370Z Roadster vehicles in the states of Alabama, Florida, Georgia, Louisiana, and Texas. This service will be performed at no charge to the customer for parts or labor.

NOTE: This activity will expire when sufficient quantities have been collected.

IDENTIFICATION NUMBER

For this initiative, Nissan has assigned identification number P0A10. This number must appear on all communications and documentation of any nature dealing with this initiative.

Nissan Bulletins are intended for use by gualified 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

Air Bag Module Support J-51315-KIT

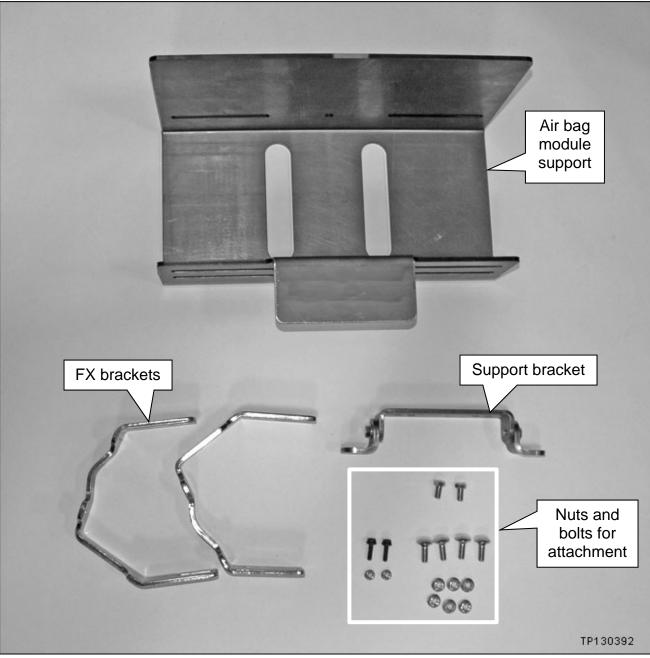


Figure 1

REQUIRED SPECIAL TOOLS (continued)

Quick Scan Tool J-52352



Figure 2

- Each dealer has been shipped one each of J-51315-KIT and J-52352.
- Additional tools can be obtained from Tech•Mate at nissantechmate.com, or 1-800-662-2001.

SERVICE PROCEDURE

New Inflator Registration

- 1. Obtain a new inflator from your parts department.
 - See **PARTS INFORMATION** on page 16.
- 2. Attach tool J-52352 to a CONSULT PC USB port.

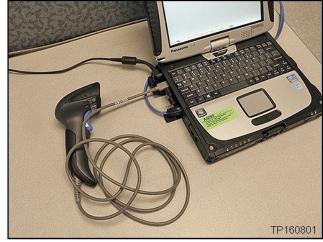


Figure 3

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

	Last Sync. 3/20/2019 10:47:36 AM	🔛 🔛
	ASIST LAN Edition	English (US)-LAN Edition Version 14.1.7
	VIN: Retrieve V3L Clear Model: Year:	ners Manual 🔹 🗘
TECH LINE DB Search		Featured NEWS
Latest TSBs	Keyword Search:	
TSB Search	* Red indicates TSBs & Campaigns amended within last 30 days. * New flashing icon indicates newly received TSBs & Campaigns within last 30 days.	
CONSULT-II 😵	B LATEST INFORMATION ADDED	
NATS & Keycode 😵	BISS 5 NTB18061 '17-'18 Pathfinder/'18 Armada; Software For Infotainment Issues	HTML ESM Printing Guide
Specialty Tools 😵	KTB18041 2017-2018 Rogue; False Activation of AEB, FEB or FCW	
TECH LINE Support 🛞	Tech Support Info	For information
Tech Support Info *		on how to print
TECH TALK/XTRA Inventory Vehide Actions	Inventory Vehicle Actions	pages.
Bulletin Support Items Powertrain Call Center Pre-Call Forms		
Warranty Call Center Pre-Call Forms		Click Here
Open Dealer Portal		
Tech-Mate 😵		
Virtual Academy 😵		
ASIST Support 😵		
		March 13, 2019

Figure 4

4. Select CLICK HERE (following "Airbag to VIN Registration").

Figure 5

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

NOTE:

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



Figure 6

- The VIN will automatically populate (see Figure 7).
- If needed, the VIN can be entered manually.

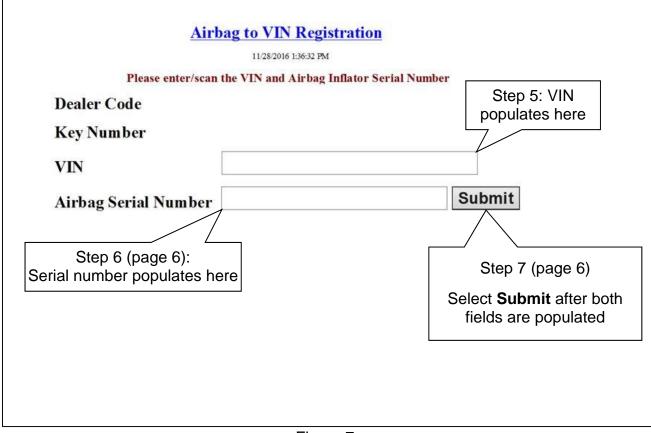


Figure 7

- 6. Use the quick scan tool to scan the serial number bar code on the side of the box of the new inflator (see Figure 8 and Figure 9).
 - The serial number will automatically populate (see Figure 7 on the previous page).

NOTE: DO NOT scan the part number bar code label.

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







Figure 9

7. Select **Submit** on the ASIST screen (see page 5, Figure 7).

Inflator 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.

NOTICE

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

8. Write down the radio settings.

Presets	1	l	2		3	4	5	6
AM								
FM 1								
FM 2								
SAT 1								
SAT 2								
Bass		Treb	le	Ва	llance	Fade	Speed Vol.	Sen.

- 9. Turn the ignition OFF.
- 10. Disconnect both battery cables, negative cable first.
 - For battery disconnect procedure, refer to the ESM, section ELECTRICAL & POWER CONTROL POWER SUPPLY, GROUND & CIRCUIT ELEMENTS REMOVAL AND INSTALLATION BATTERY.
- 11. Wait at least three (3) minutes.
- 12. Remove the passenger air bag module (module) from the vehicle.
 - For module removal, refer to the ESM, as it applies:
 - Section SR SRS AIRBAG or section RESTRAINTS SRS AIRBAG REMOVAL AND INSTALLATION - DRIVER AIRBAG MODULE.
- 13. Set the module on a clean working surface.

14. Securely mount the air bag module support (support) in a vice (see Figure 10 and Figure 11).

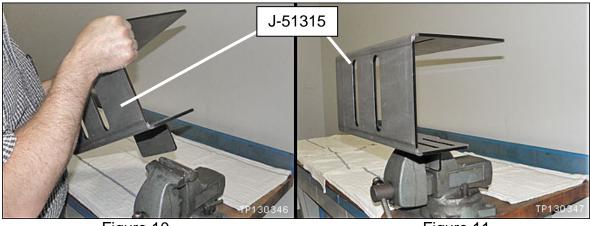


Figure 10

Figure 11

AWARNING

To avoid serious injury or death from inflator deployment, wear safety glasses and work from behind and to the sides of the support while performing inflator replacement.

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

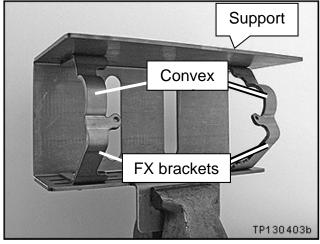


Figure 12

Arrow pointing up

Figure 13

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

• 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.

17. Tighten all of the mounting nuts and bolts holding the module and brackets to the support.

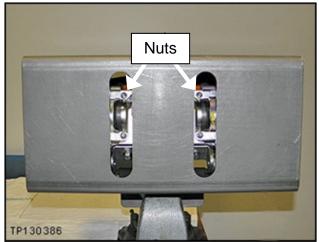


Figure 14

AWARNING

To avoid serious injury or death from inflator deployment, wear safety glasses and work from behind and to the sides of the support while performing inflator replacement.

18. Detach the yellow harness connector from the air bag module.

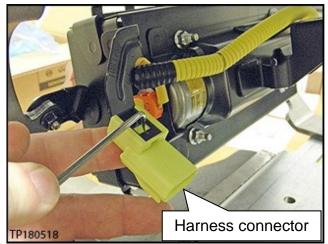


Figure 15

- 19. Remove the inflator harness as follows:
 - a. Using an appropriate tool, gently lift the lock tabs from the the inflator harness connectors (orange - left side, black - right side).
 - b. Disconnect both connectors from the inflator.
 - Detach the harness from the two harness supports, and then remove the inflator harness.

NOTE: This harness will be reused.

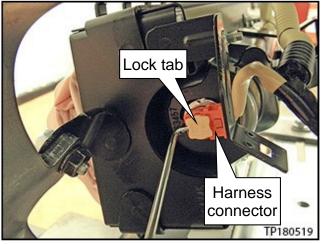


Figure 16

- 20. Remove the four (4) nuts from the module that hold the inflator in place (see Figure 17 and Figure 18).
 - Use a ratchet and extension.

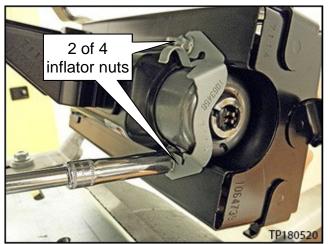


Figure 17

• Remove all 4 nuts.

NOTE: These nuts <u>will not</u> be reused.

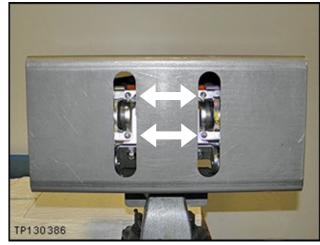


Figure 18

21. Remove the inflator stopper.

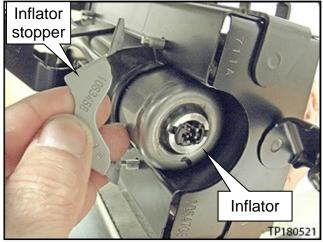


Figure 19

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

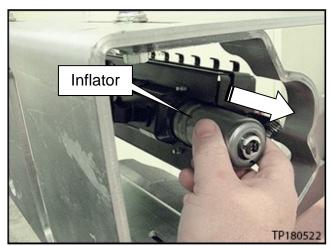


Figure 20

23. Set the old inflator in a clean working area and make sure it is not dropped or falls to the floor.

NOTE: This is an air bag inflator collection activity. Return the part to Nissan using the standard warranty parts return process.

- 24. Remove the **new** inflator from the box.
- 25. Slide the new inflator into the module from the right side.

IMPORTANT: Insert the inflator with the yellow label on the left side.

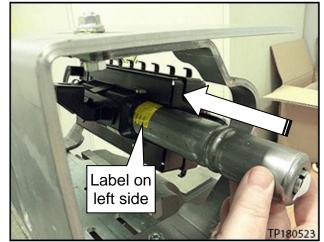


Figure 21

- The inflator is positioned correctly as shown in Figure 22.
- The flat sides of the inflator end and inflator housing (on the left side) must align.

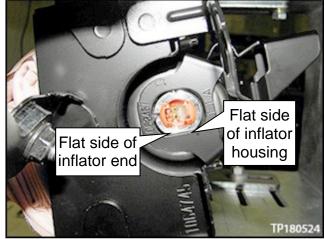
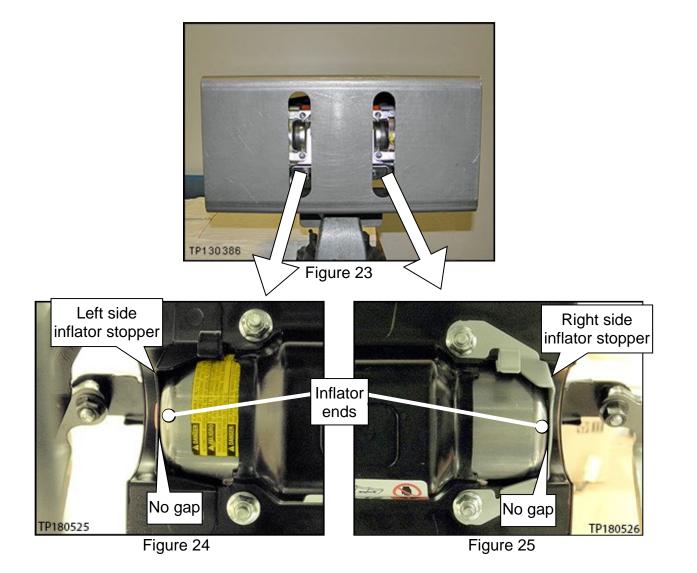


Figure 22

- 26. Install the inflator stopper and four (4) inflator securing nuts <u>finger tight</u> (see Figure 23 Figure 25).
 - Make sure to **use the new nuts** included in the inflator kit.
- 27. Make sure the inflator is pushed all the way into its housing no gap on the left side (see Figure 24).
- 28. Make sure there is no gap between the inflator stopper and the inflator on the right side (see Figure 25).



- 29. Torque the four (4) inflator securing nuts **in the order shown** in Figure 26.
 - Nut torque: 3.9 N•m (0.39 kg-m, 34 in-lb.).

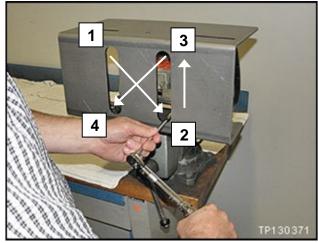
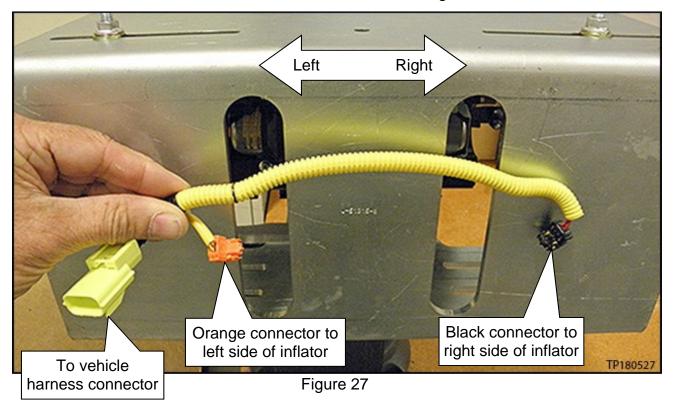


Figure 26

IMPORTANT:

- In the next step, the original harness will be attached to the new inflator.
- Make sure to attach the connectors to the correct ends of the inflator (see Figure 28 Figure 29).
- Harness and connector orientation is as shown in Figure 27.



- 30. Remove the dust proof stickers covering the ends of the inflator.
- 31. Connect the <u>correct</u> harness connector to each end of the inflator (Figure 27 Figure 29).

HINT: The inflator ends are the same color as the corresponding harness connector.

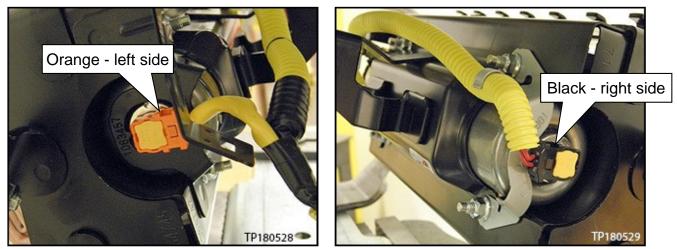


Figure 28

Figure 29

- 32. Remove the module from the support and set it on a clean working surface.
- Fasten the harness into the harness guides and reattach the yellow harness connector to the air bag module.

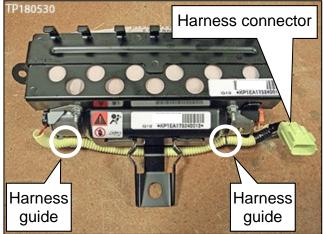


Figure 30

- 34. Reinstall the module into the vehicle in the reverse order of removal.
 - Make sure to use the new "one time use" module mounting bolt included with the harness kit.
 - For module installation, refer to the ESM, as it applies:
 - Section SR SRS AIRBAG or section RESTRAINTS SRS AIRBAG -REMOVAL AND INSTALLATION - DRIVER AIRBAG MODULE.
- 35. Reconnect both battery cables positive cable first.
- 36. 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 12V 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, etc.
- 37. Turn the ignition ON and observe the air bag warning light:
 - The air bag warning light should illuminate for seven (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.

38. Return the removed (old / non-deployed) inflator in the box that the new inflator arrived in.

NOTE: This is an air bag inflator collection activity. Return the part to Nissan using the standard warranty parts return process.

PARTS INFORMATION

YEAR AND MODEL	DESCRIPTION	PART NUMBER	QUANTITY
2009-2011 370Z Coupe & 2010-2011 370Z Roadster	INFLATOR-AIR BAG ASST (1)	98561-1EA0A	1

(1) See Figure 31 for included hardware.

NOTE:

- Make sure to return the removed (old / non-deployed) inflator in the box that the new inflator came in.
- Follow normal warranty instructions when returning the inflator.



Figure 31

CLAIMS INFORMATION

NOTE: Use Service COMM and the VIN to confirm the correct campaign ID number for a given vehicle. The campaign ID 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:

370Z Coupe and 370Z Roadster in the states of Alabama, Florida, Georgia, Louisiana, and Texas Only

CM ID #	DESCRIPTION	OP CODE	FRT
P0A10	Remove and Install	D04100	0.6 hrs.
	Passenger Air Bag Inflator	P0A100	

AMENDMENT HISTORY

PUBLISHED DATE REFERENCE		DESCRIPTION	
July 23, 2020	NTB20-054	Original bulletin published	