

Updated: May 20, 2024 – Added additional warnings regarding the end caps and photo requirements.

ATTENTION ALL DEALERS:

PLEASE READ ALL WARNINGS IN THIS DOCUMENT. THIS RECALL IS A RE-INSPECTION CHECK TO MAKE SURE RECALL 1817L OR 2318A WAS REPAIRED PROPERLY.

THERE ARE ONE OR TWO PHOTOS REQUIRED AND AN RO REQUIRED TO BE ATTACHED TO THE CLAIM. MAKE SURE ALL ITEMS ARE GIVEN TO THE WARRANTY ADMINISTRATOR.

ALL REPAIRS WILL REQUIRE PHOTOS REGARDLESS OF THE PROCEDURE COMPLETED AND WILL NOT BE PAID IF REQUIRED ITEMS ARE NOT ATTACHED, WITHOUT EXCEPTIONS.



It is critical that airbag inflators are installed into the airbag module in the correct orientation. This repair is an inspection to ensure the air bag was correctly installed under campaigns 1817L and 2318A. Please review each of the below steps carefully. Air Bag Connectors and Battery Disconnect: Do not work on the vehicle without disconnecting the vehicle battery as this could result in damage to the vehicle or safety systems.

2004-2006 B-SERIES – MIS-INSTALLED AIR BAG AFTER TAKATA RECALL

A. VEHICLE INSPECTION PROCEDURE

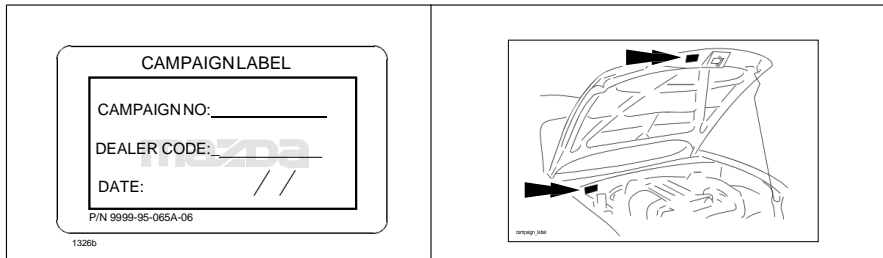
1. Verify that the vehicle is within the following ranges:

Model	VIN Range
2004-2006 B-Series	VARIES **

****ONLY VEHICLES WITH CAMPAIGN 6423L IN OPEN STATUS ARE AFFECTED**

- If the vehicle is within the above ranges, proceed to Step 2.
 - If the vehicle is not within the above ranges, return vehicle to the customer or inventory.
2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect vehicle for Campaign Label **Recall 6423L** attached to the vehicle's hood or bulkhead. Refer to eMDCS System - Warranty Vehicle Inquiry Results table below.

NOTE: Be sure to verify the Recall number as the vehicle may have multiple Recall labels.



eMDCS System - Warranty Vehicle Inquiry Results:

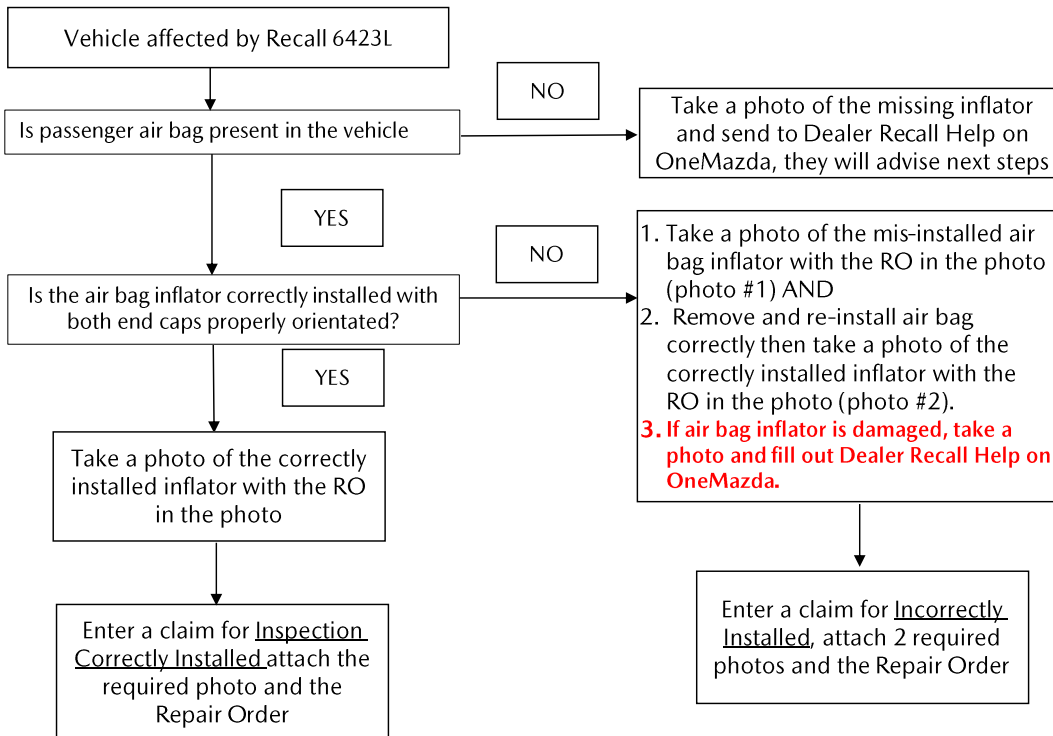
If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 6423L OPEN	Present	Contact Dealer Recall Help or the Warranty Hotline at (877) 727-6626 option 3 to update vehicle history.
	Not present	Proceed to "B. REPAIR PROCEDURE".
RECALL 6423L CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Proceed to "C. CAMPAIGN LABEL INSTALLATION".
RECALL 6423L is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

B. REPAIR PROCEDURE

Overview:

1. Remove the passenger airbag.
2. Follow the inspection guidelines to ensure the airbag is installed in the correct orientation.
3. If the orientation is GOOD - CORRECT: **One Photo is required**
 - A. Take a photo with the RO in the photo, as in the example in the repair procedure and submit a claim for "Inspection, Correctly Installed". A photo and repair order is required to be attached to the claim.
4. If the orientation of the air bag is NO GOOD – NOT CORRECT: **Two Photos are required**
 - A. Take photo #1 of the mis-installed air bag inflator with the RO in the photo AND
 - B. Remove and re-install the air bag inflator in the correct orientation, then take another photo #2 of the correctly installed inflator with the RO in the photo. Submit a claim for "Incorrectly Installed".
 - C. If the air bag module is damaged, fill our Dealer Recall Help on OneMazda with a photo, explaining the damage. They will advise next steps.

Process Flow:





It is critical that airbag inflators are installed into the airbag module in the correct orientation. This repair is an inspection to ensure the air bag was correctly installed under campaigns 1817L and 2318A. Please review each of the below steps carefully. Air Bag Connectors and Battery Disconnect: Do not work on the vehicle without disconnecting the vehicle battery as this could result in damage to the vehicle or safety systems.

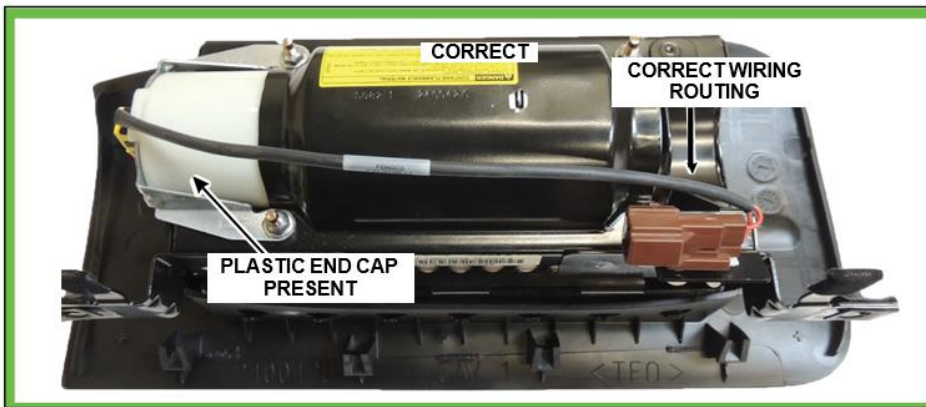
PASSENGER AIRBAG INFLATOR INSPECTION

ADDITIONAL WARNINGS:

- Check that the Airbag Readiness light indicates no Supplemental Restraint System (SRS) faults are present, then proceed.
 - Document any codes if present.
 - Perform the replacement in a clean environment. Oil, grease, water, etc. on components may cause the air bag modules to fail to deploy in an accident, which may cause serious injury. Do not allow oil, grease, water, etc., on components.
 - Inserting a screwdriver, etc., into the connector of an air bag module may damage the connector and cause the air bag module to deploy improperly, which may cause serious injury. Do not insert any foreign objects into the connector.
 - Do not disassemble the vehicle, other than instructed here.
 - Do not make an attempt to directly supply electrical power to the module and the inflator.
 - Keep the module facing of the pad surface upwards at all times, except during replacement.
 - Do not use the module and inflator if they were dropped on the ground.
 - Avoid module and inflator exposure to temperatures of 194 degrees F (90 degrees C) or more.
1. Turn the ignition switch to the LOCK position.
 2. Write down radio presets, and disconnect the negative battery cable and wait for one (1) minute or more.
 3. Remove the passenger air bag module. Refer to MGSS online ([PASSENGER AIR BAG MODULE REMOVAL / INSTALLATION](#)).
 4. Lay a protective cloth on the work bench, then place the air bag module on it to avoid any damage or scratches to the surface. **WARNING: Do not allow any debris on or around air bag once the inflator is removed.**
 5. Inspect to see if the air bag inflator was installed correctly. Look for the following items:
CORRECT INSTALLATION CHECK AND CLAIM PHOTO REQUIREMENT:
 - a. Confirm BOTH OF THE PLASTIC ENDS CAPS are installed on correct ends of the inflator and locating tab is correct, and the inflator is installed in the correct orientation (GOOD CONDITION - FIGURE 1). FIGURES 2 & 3 – Shows a NO GOOD (NG) CONDITION WITH AN INCORRECT INFLATOR OR CAP INSTALLATION.

- b. If installation is correct, take a photo that clearly shows the air bag module inflator installation per the Photo Requirement Figure 4 on page 7, then go to step 6.
- c. If installation is incorrect, take a photo that clearly shows the incorrect air bag module inflator installation using the Photo Requirement Figure 5 on page 7, then go to step 8.

FIGURE 1 – GOOD - CORRECT INSTALLATION



- 6. Installation is the reverse of removal. Refer to MGSS online ([PASSENGER AIR BAG MODULE REMOVAL / INSTALLATION](#)).
 - I. Reconnect the negative battery cable.
 - II. Turn the ignition switch to the ON position.
 - III. Verify that the air bag system warning light illuminates for approx. 6 sec., then goes out.
 - IV. **NOTE:** If the air bag system warning light does not operate in the manner described above, there is a mal- function in the system. Inspect the system following the on-board diagnostic system procedure according to MGSS online.
 - V. Re-enter the customer's preset radiostations.

Proceed to [Section C. CAMPAIGN LABEL INSTALLATION](#).

Figures 2 & 3 represent – NO GOOD (NG) INCORRECT INSTALLATION: THIS IS THE REQUIRED CLAIM PHOTO #1, WHEN THERE IS A NO GOOD INSTALLED AIR BAG.

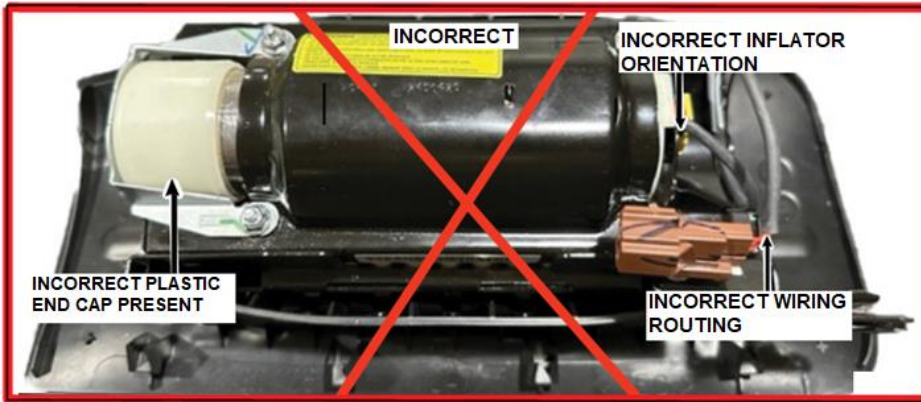


Figure 3 - NO GOOD (NG) INCORRECT ORIENTATION OF END CAP ALIGNMENT NOTCH IS UPSIDE DOWN



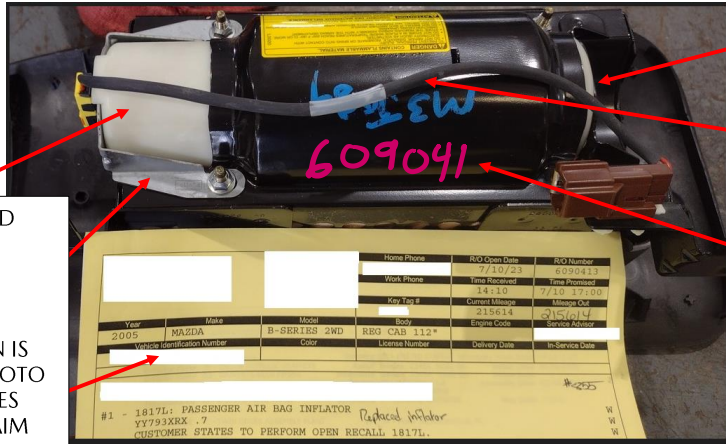
TAKE REQUIRED PHOTO OF INCORRECT INSTALLATION AND REINSTALL THE AIR BAG INFLATOR CORRECTLY INTO THE MODULE [THEN CLICK HERE TO PROCEED TO STEP 7.](#)

IF THE REQUIRED PHOTO AND RO ARE NOT ATTACHED TO THE CLAIM, OR THE RO# IS NOT WRITTEN ON THE INFLATOR THE CLAIM WILL NOT BE PAID AND THE REPAIR WILL BE A MISSED RECALL.

Commented [PW1]: Please fix link as it goes to step 22. Also missing step 8 now goes from 7-9. Thanks

FIGURE 4 – REQUIRED PHOTO – CORRECT INSTALLATION

Required Photo example showing correct wiring: Write the RO # on the case of the inflator that you are repairing. Or you can use the RO as shown below. Please leave VIN and customer information on the RO in the photo. **DO NOT** clear out the customer information and VIN. We have blanked out the VIN & customer information for privacy, as an example only.



- INFLATOR END CAP ON LEFT
- BRACKET IS ORIENTED CORRECTLY
- CORRECT VIN IS VISIBLE IN PHOTO AND MATCHES TRUCK & CLAIM

- TAIL END CAP IS VISIBLE IN THE PHOTO AND INSTALLED CORRECTLY
- WIRE IS ACROSS INFLATOR
- WRITE THE RO # ON MODULE HOUSING

7. PASSENGER AIRBAG INFLATOR REORIENTATION and REINSTALLATION



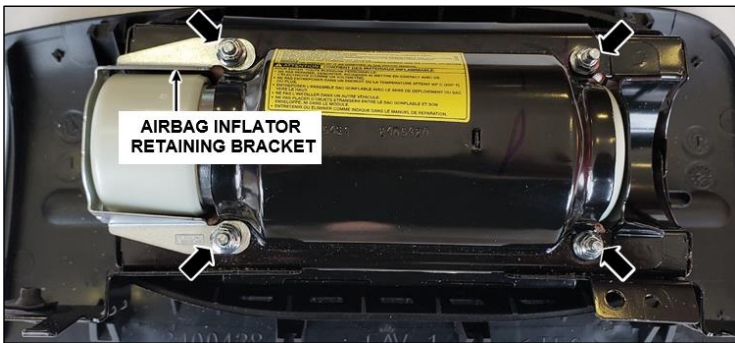
FIGURE 5 - REQUIRED PHOTO #1 – INCORRECT INSTALLATION. WRITE RO# ON THE CASE OR PLACE THE ACTUAL RO# IN THE PHOTO WITH THE CASE.



8. After taking the photo, disconnect the wires from the brown connector (incorrectly installed air bag inflator shown) – NOTE INCORRECT INFLATOR CAP AND BUNDLED WIRE AT CONNECTOR

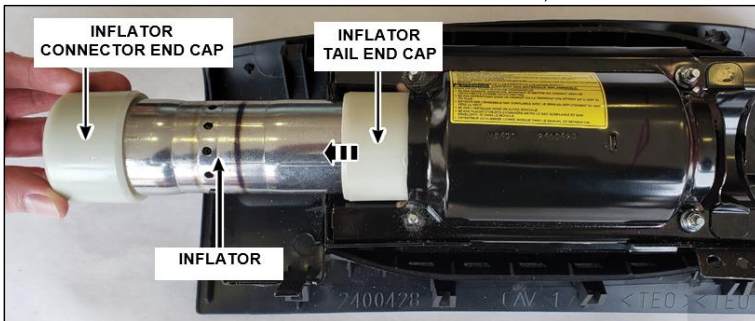


9. Using hand tools only, remove the four airbag inflator retaining nuts and the left, u-shaped bracket.



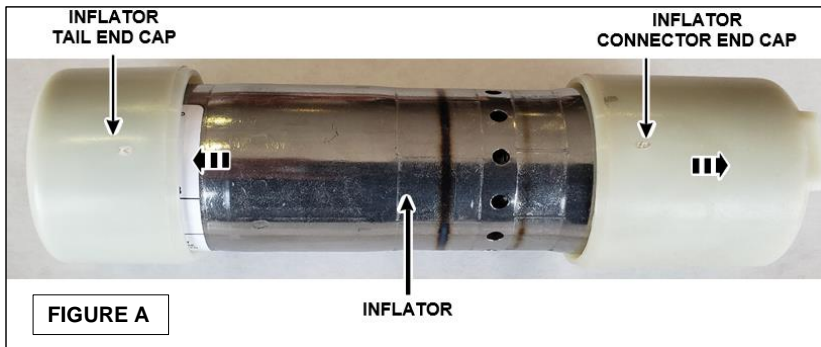
⚠WARNING: Do not allow any debris on or around the airbag once the inflator is removed.

10. Remove the inflator from the airbag assembly by pushing outward on the inflator. (THIS PHOTO SHOWS A REVERSED INSTALLATION OF THE INFLATOR. ADDITIONALLY, THE CAPS ARE ALSO INSTALLED BACKWARDS. THE TECH IN THIS EXAMPLE USED THE TAIL END CAP AS THE CONNECTOR END CAP. DON'T DO THIS!)

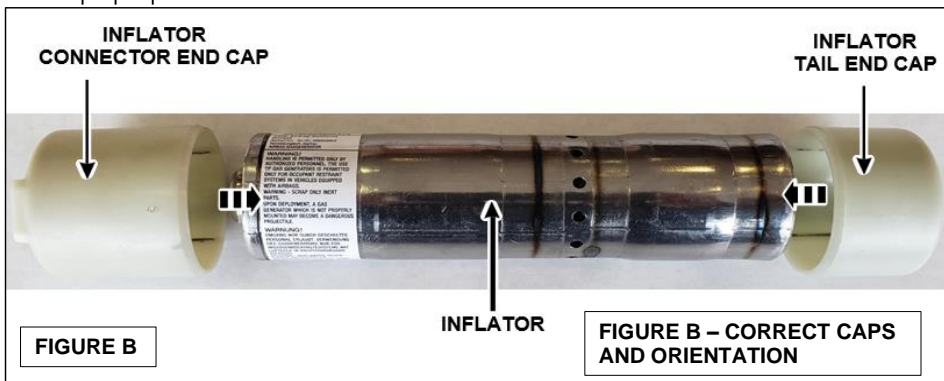


11. Follow the steps below:

- a. In Figure A, remove both end caps from the inflator by pushing them straight off. (Figure A shows the correct orientation of the inflator but the caps are incorrectly orientated)
- b. Reverse the inflator orientation. Note, correct orientation is the weld line is to the left of the exhaust holes and sticker plus connector is all the way to the left. Connector end cap with locating/alignment tab is installed to the left at the harness connector of the inflator and cover the sticker.



- c. Re-install the end caps as in Figure B below. Ensure the end caps are secure in the proper position and the white label is on the left hand side.

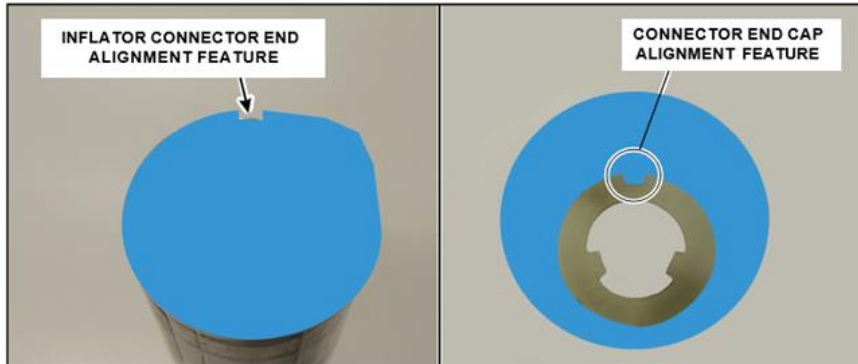


12. Align and install both inflator end caps.

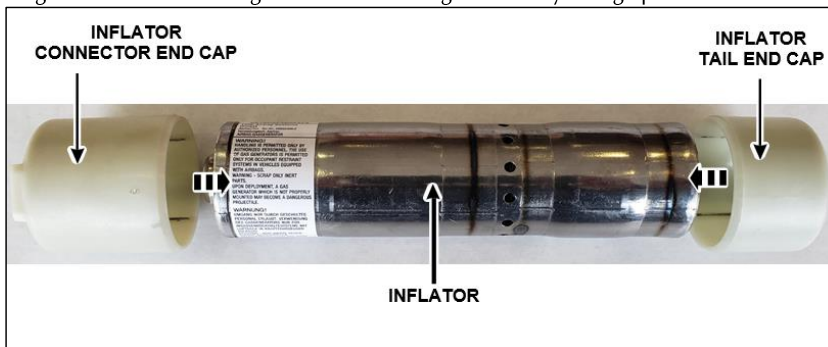


NOTE 1: Both inflator connector end caps must be installed with the tab features aligned and fully seated. The end caps are specific to each end of the Inflator.

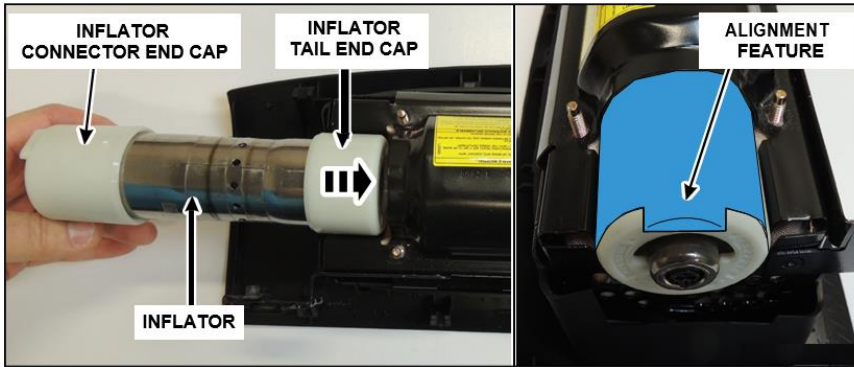
NOTE 2: The tail end cap does not have an alignment tab.



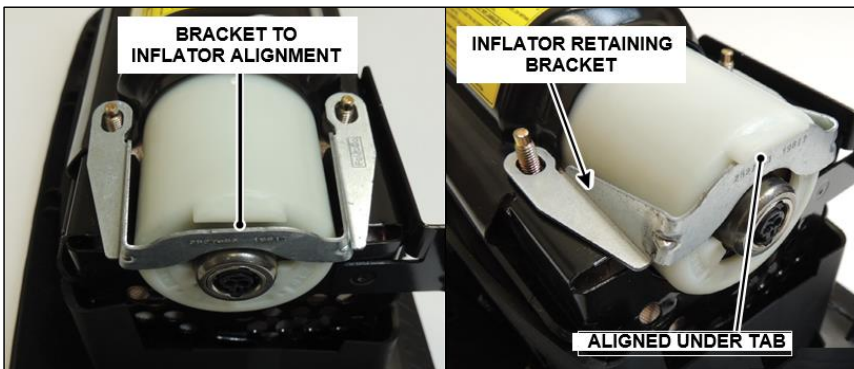
13. Install the inflator into air bag assembly with the connector end cap facing out and tail end cap facing inward so that the alignment feature is aligned directly facing up.



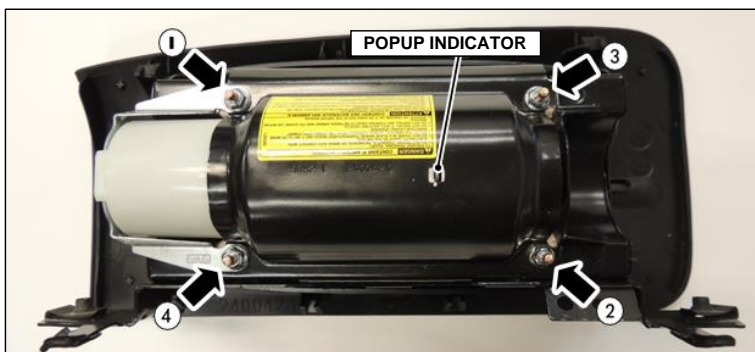
14. Align inflator into air bag assembly with connector end facing out, so that the alignment feature is aligned directly facing up.



15. Align and install the inflator retaining bracket.

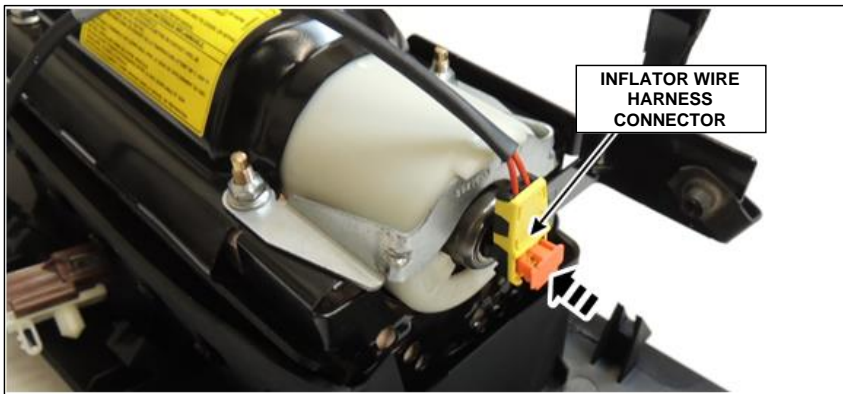


16. Using hand tools only, install the four nuts, making sure the pop-up indicator on the air bag assembly is present. Tightening torque: 3.9 Nm (35 lb-in) in the specified sequence [1] [2] [3] [4]. DO NOT USE POWER TOOLS

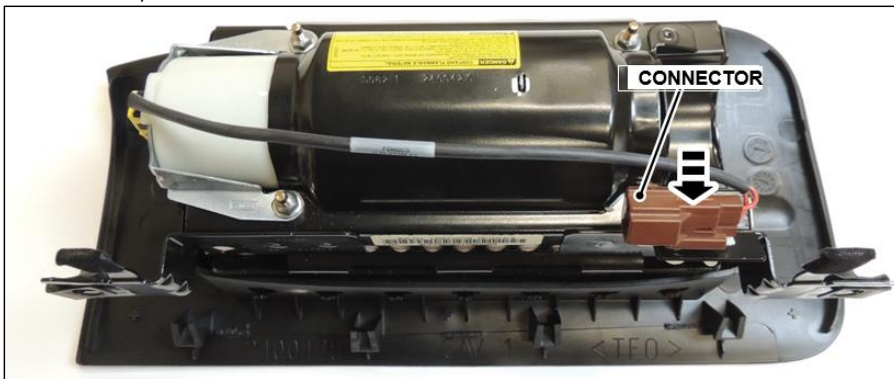


17. Align the T-shape index on both the wiring harness electrical connector and the airbag inflator, then re-install the airbag wiring harness to the inflator module and fully seat the orange tab (Refer to photo in step 19).

18. Make sure the connection between the wiring harness electrical connector and the airbag inflator is properly seated by pulling gently on the connector.



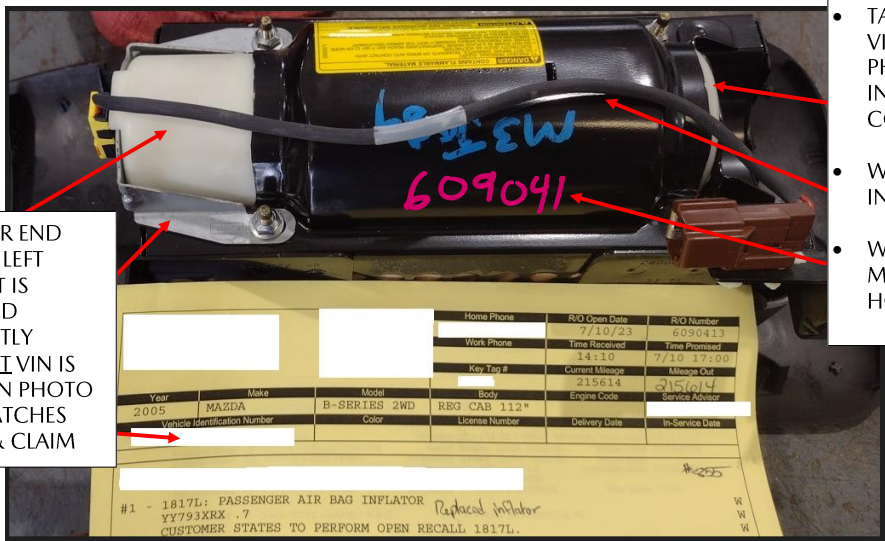
19. Install the inflator harness connector to the air bag assembly bracket. **NOTE: Wire harness is across the inflator, not coiled.**



20. REINSTALL AIR BAG INTO VEHICLE. Installation is the reverse of removal. Refer to MGSS online ([PASSENGER AIR BAG MODULE REMOVAL / INSTALLATION](#)).

21. Take required Photo #2 Figure 6 example showing correct wiring: Write the RO # on the case of the inflator that you are repairing. Alternatively you can use the RO as shown below. Please leave VIN and customer information on the RO in the photo. DO NOT clear out the customer information and VIN. We have blanked out the VIN & customer information for privacy, as an example only.

FIGURE 6 – REQUIRED PHOTO #2



- TAIL END CAP IS VISIBLE IN THE PHOTO AND INSTALLED CORRECTLY
- WIRE IS ACROSS INFLATOR
- WRITE RO# ON MODULE HOUSING

- INFLATOR END CAP ON LEFT
- BRACKET IS ORIENTED CORRECTLY
- CORRECT VIN IS VISIBLE IN PHOTO AND MATCHES TRUCK & CLAIM

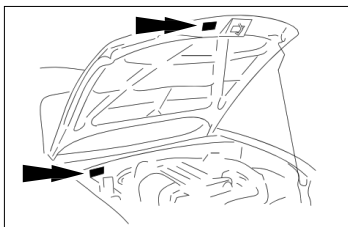
22. Proceed to [Section C. CAMPAIGN LABEL INSTALLATION](#)

B. CAMPAIGN LABEL INSTALLATION

a. Fill out a black "Campaign Label" (9999-95-065A-06) for each campaign with Campaign No: 6423L, your dealer code, today's date.

CAMPAIGN LABEL	
CAMPAIGN NO:	_____
DEALER CODE:	703
DATE:	//
P/N 9999-95-065A-06	

b. Affix it to the hood or bulkhead as shown:



c. Return the vehicle to customer.

END OF REPAIR PROCEDURE