

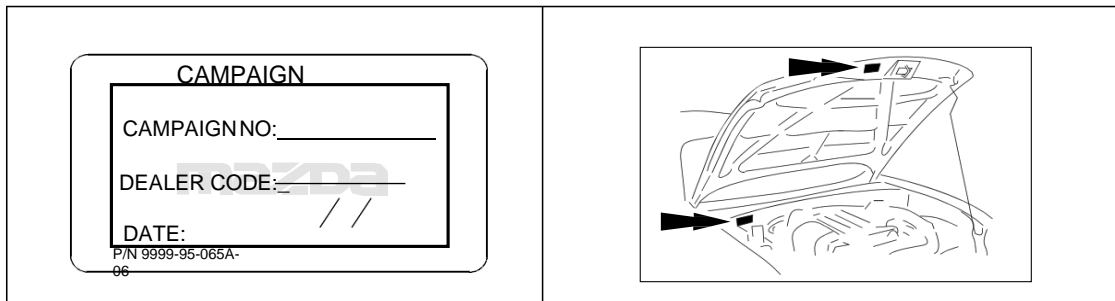
**A. VEHICLE INSPECTION PROCEDURE**

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

Model	VIN Range
2004-2006 B-Series	All

- 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 Labels **Recalls 1817L and 1917L** attached to the vehicle’s hood or bulkhead. Refer to eMDCS System - Warranty Vehicle Inquiry Results table below.

**NOTE:** Be sure to verify 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:
RECALLS 1817L and 1917L 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".
RECALLS 1817L and 1917L CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Proceed to "C. CAMPAIGN LABEL INSTALLATION".
RECALLS 1817L and 1917L are not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

**IMPORTANT:** Be sure to follow the packing and shipping instructions provided in the carton and in Air Bag Inflator Return Instructions.

**CAUTION**

- Use the same carton which was used to deliver a new inflator. It is a specialized box that is internationally accepted for shipping an inflator.
- Pack the old inflator in the box exactly in the same manner as the new inflator was packed.

## B. REPAIR PROCEDURE

### Overview:

Remove the driver and passenger airbags from the vehicle and replace only the inflator portion. The removed inflators will be placed into the packaging from the new inflator and shipped to Takata using the included return shipping label.



**It is critical that both airbag inflators are installed into the airbag module in the correct orientation. Do not use older versions of instructions to repair any Mazda vehicle. Please review each of the below steps carefully and pay particularly close attention to Step 14 when installing the passenger side inflator. 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.**

**NOTE:** If Before starting the procedure, check that the Airbag Readiness light indicates no Supplemental Restraint System (SRS) faults are present, then proceed to the replacements of the inflator(s). Document any codes if present.

### DRIVER AIRBAG INFLATOR REPLACEMENT

#### Air Bag Module Removal:

#### WARNING:

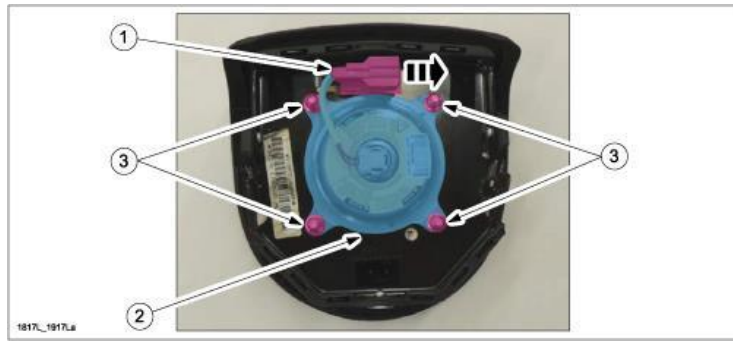
- Perform the replacement in a clean environment. Oil, grease, water, etc. on components may cause the air bag modules to fail to deploy in an accident, which may cause serious injury. Do not allow oil, grease, water, etc., on components.
- Inserting a screwdriver, etc., into the connector of an air 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 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 new 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. Record the customer's preset radio stations.
3. Disconnect the negative battery cable and wait for one (1) minute or more.
4. Remove the driver air bag module. Refer to MGSS online ([DRIVER AIR BAG MODULE REMOVAL / INSTALLATION](#)).
5. 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.

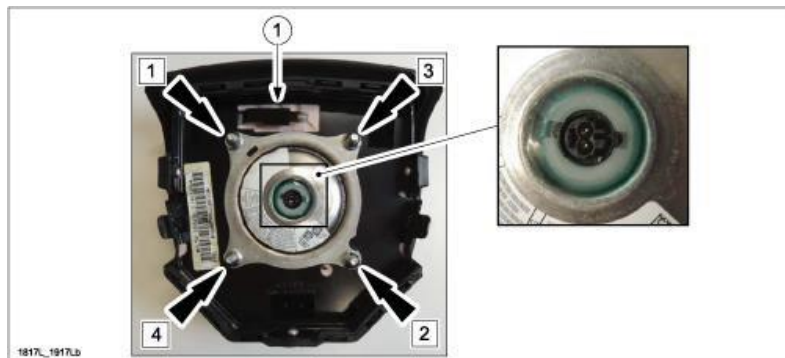
## Inflator Replacement:

1. Release the retaining tab and slide the connector (1) of the air bag inflator (2) off the retainer.



2. Remove and discard the four air bag inflator retaining nuts(3) using hand tools only. **NO POWER TOOLS!**
3. Remove the air bag inflator and set aside for returnshipping.  
**NOTE:** In order to verify the correct airbag inflator is installed, mark the old airbag inflator with a felt tip marker prior to removal.
4. Install the new inflator into the driver air bag. The retainer (1) will be used for the electrical connector.

**NOTE:** The new air bag inflator must be installed in the same orientation as the original part to ensure the inflator module and air bag harness electrical connector T-shape indexes are aligned properly.



5. Install four new air bag inflator nuts onto the driverairbag using hand tools only. **NO POWER TOOLS!**  
**Tightening torque: 6.5 Nm (57 lb-in) in the specified sequence [1] [2] [3] [4]**
6. Align the T-shape index on both the wiring harness electrical connector and the airbag inflator by gently pulling on the wiring harness to ensure it is properly seated.
7. Slide the connector (1) of air bag inflator (2) onto theretainer.



### Air Bag Module Reinstallation:

1. Install the driver air bag module. Refer to MGSS online ([DRIVER AIR BAG MODULE REMOVAL / INSTALLATION](#)).
2. Reconnect the negative battery cable.
3. Turn the ignition switch to the ON position.
4. Verify that the air bag system warning light illuminates for approx. 6 sec., then goes out.  
**NOTE:** If the air bag system warning light does not operate in the manner described above, there is a malfunction in the system. Inspect the system following the on-board diagnostic system procedure according to MGSS online.
5. Proceed to "PASSENGER SIDE AIRBAG REPLACEMENT".

### PASSENGER AIRBAG INFLATOR REPLACEMENT

#### Air Bag Module Removal:



***It is critical that the passenger airbag inflator is installed into the airbag module in the correct orientation. Do not use older versions of instructions to repair any Mazda vehicle. Please review each of the below steps carefully and pay particularly close attention to Steps 8 and 14 when installing the passenger side inflator. 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.***

#### WARNING:

- 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 new 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. 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.

# PASSENGER INFLATOR REPLACEMENT:

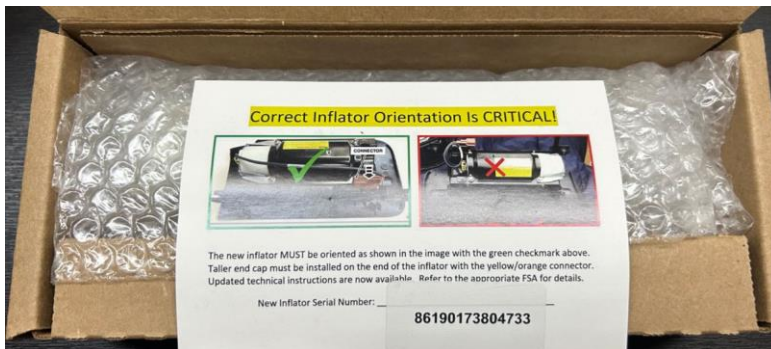


**DO NOT REMOVE THE END CAPS FROM THE PART. INSTALL THE INFLATOR AS IN STEP 8 WITH THE END CAPS PRE-ASSEMBLED. ALSO SEE PHOTO REQUIREMENTS ON PAGE 12 AND MAKE SURE THE PHOTO IS CLEAR WITH THE RO IN THE PHOTO.**

Inflator Part #1FT1-57-K50C



Inflator in box with warning label

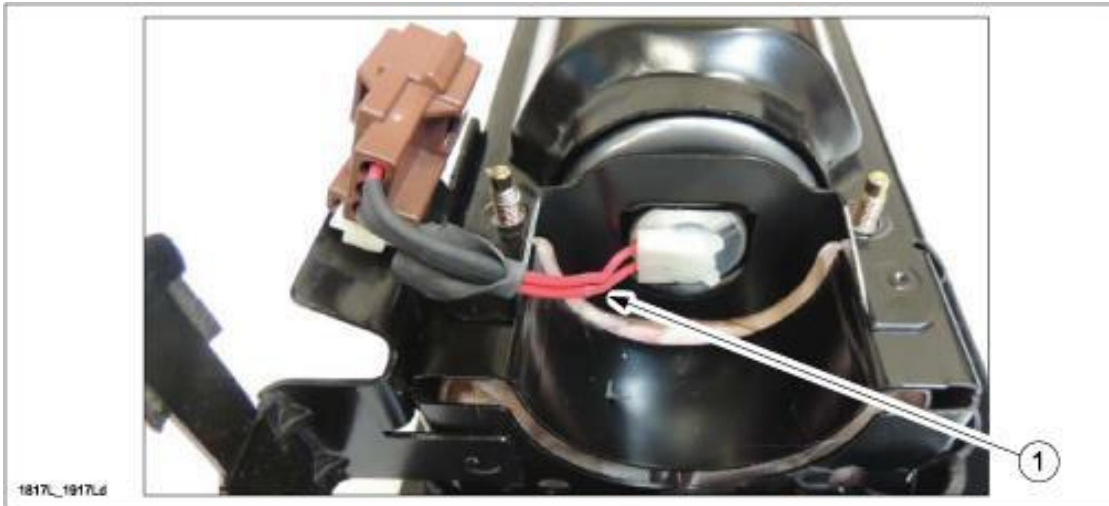


Inflator part box contents



- 1. Inflator – **DO NOT REMOVE END CAPS AND INSTALL PREASSEMBLED, WITH THE SHORTER CAP FIRST (TAIL END CAP) INTO THE MODULE**
- 2. Bracket
- 3. Nuts (4) and clip (1)
- 4. PLEASE READ THIS WARNING LABEL

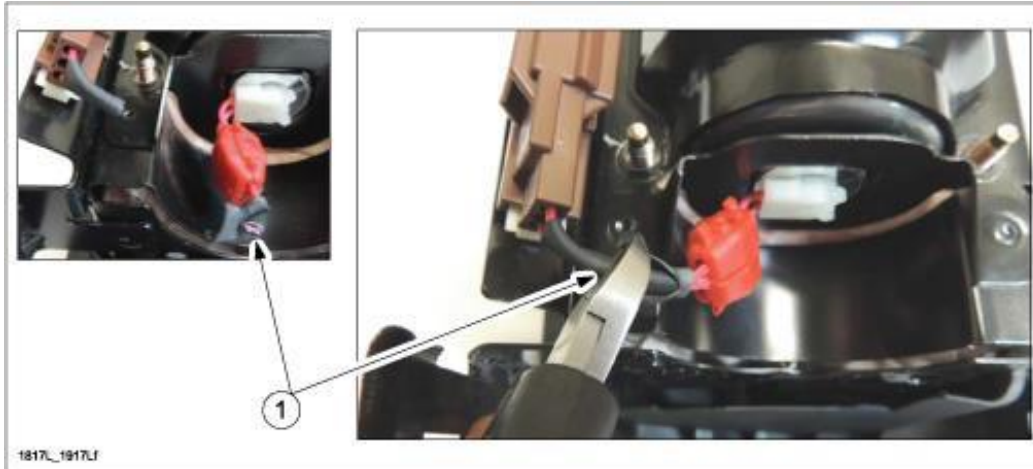
1. Cut and peel back the wiring sleeve to expose the inflator wiring (1).



2. Install a wiring shunt (1) between the inflator wiring connector and the inflator body. This will cause the inflator to become inert.



3. Cut the inflator wiring between connector and the shunt (1).



4. Remove and discard the four airbag inflator retaining nuts (1) and the bracket (2) using Hand tools.

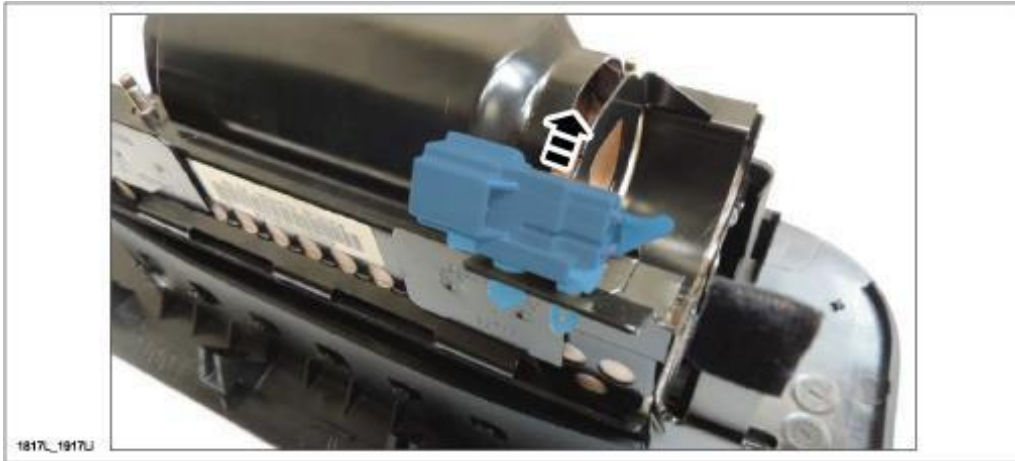


**⚠ WARNING:** Do not allow any debris on or around the airbag once the inflator is removed.

5. With an assistant holding the airbag assembly, remove the inflator from the airbag assembly by pushing outward on the inflator (1).

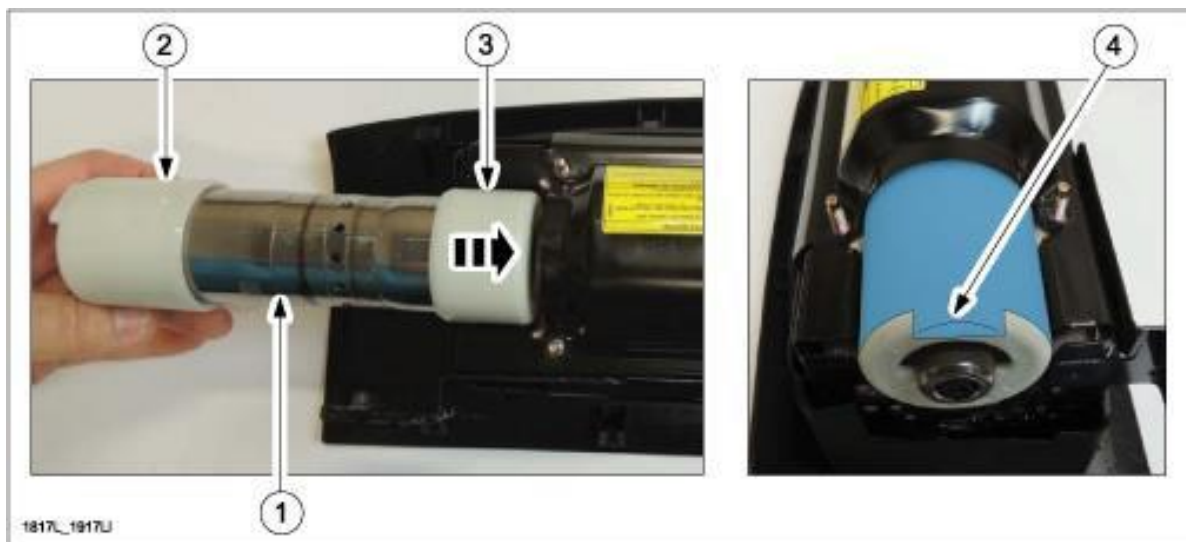


6. Remove the airbag inflator harness electrical connector.

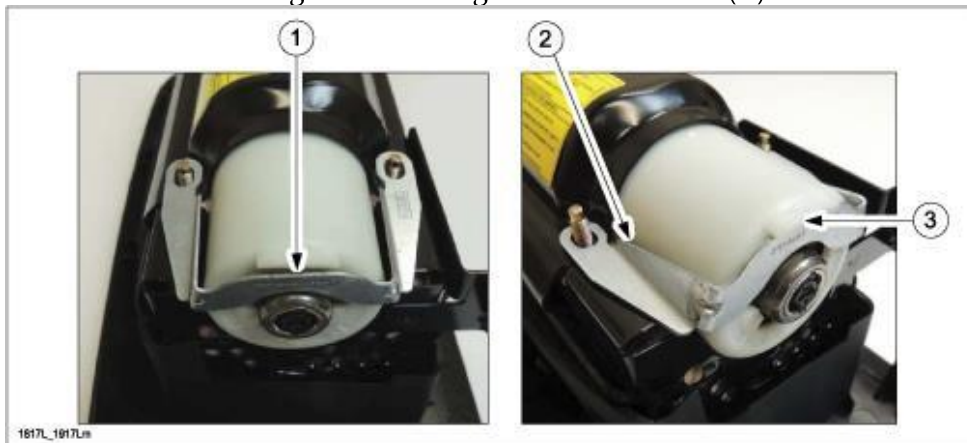


**DO NOT REMOVE THE END CAPS AND INSERT THE INFLATOR AS IN STEP 7 PRE-ASSEMBLED OUT OF THE BOX**

7. Install the inflator (1) into air bag assembly with the connector end cap facing out (2) and tail end cap facing inward (3) so that the alignment feature is aligned directly facing up (4).

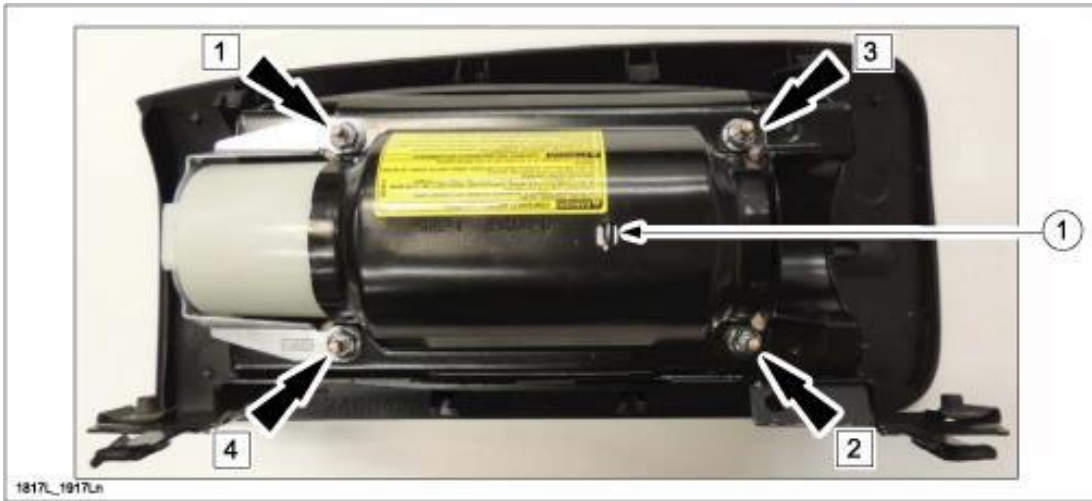


8. Align and install (1) the new bracket to inflator alignment (2) inflator retaining bracket and positioned so the inflator retaining bracket is aligned under the tab (3).



9. Install the four new nuts, making sure the pop-up indicator (1) on the air bag assembly is present.

Tightening torque: 3.9 Nm (35 lb-in) in the specified sequence [1][2][3][4]



10. Align the T-shape index on both the wiring harness electrical connector and the airbag inflator, then connect the new airbag wiring harness to the inflator module and fully seat the orange tab.

11. Make sure the connection between the wiring harness electrical connector and the airbag inflator (1) is properly seated by gently pulling on the wiring harness.



12. Install the inflator harness connector (1) to the air bag assembly bracket.



**CORRECT INSTALLATION CHECK AND CLAIM PHOTO REQUIREMENT:**

13. Confirm the plastic end caps are installed on correct ends of the inflator and the inflator is installed in the correct orientation (GOOD CONDITION - FIGURE 1). FIGURE 2 – Shows a NO GOOD (NG) CONDITION WITH AN INCORRECT INFLATOR INSTALLATION.

14. REQUIRED EXAMPLE ON NEXT PAGE. Take a photo that clearly shows the air bag module has been correctly installed along with the repair order in the same photo as it is required for claim acceptance and approval without exception.

**FIGURE 1 – GOOD - CORRECT INSTALLATION**

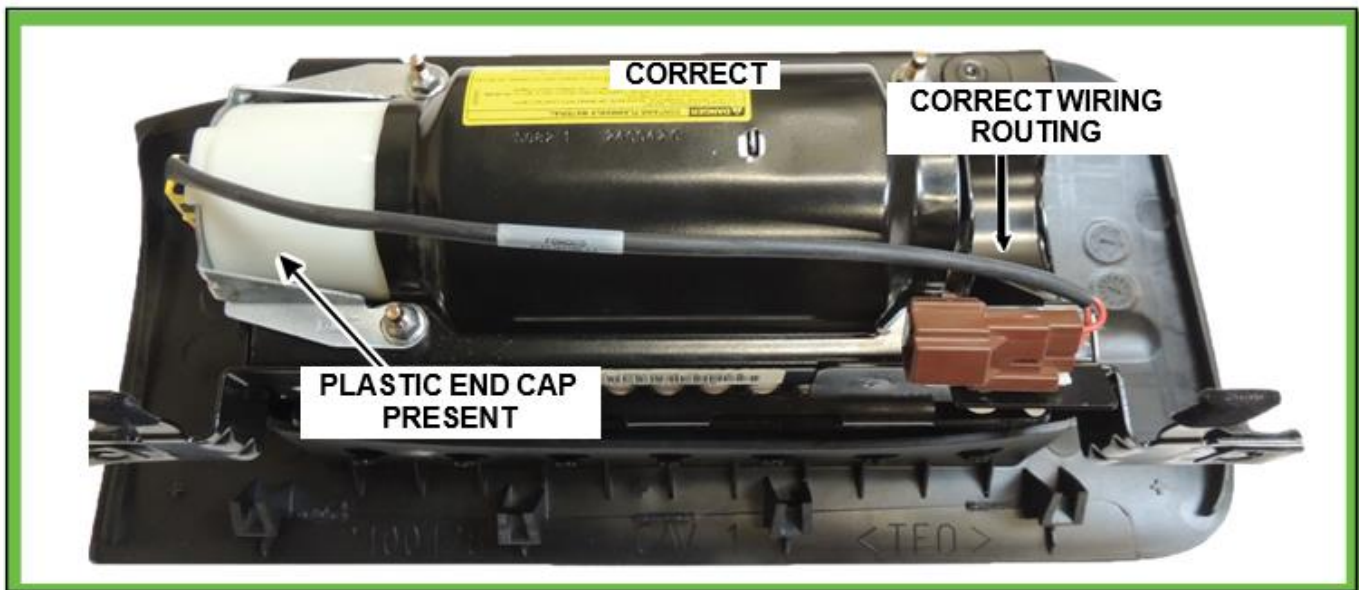


FIGURE 2 – NO GOOD (NG) INCORRECT INSTALLATION

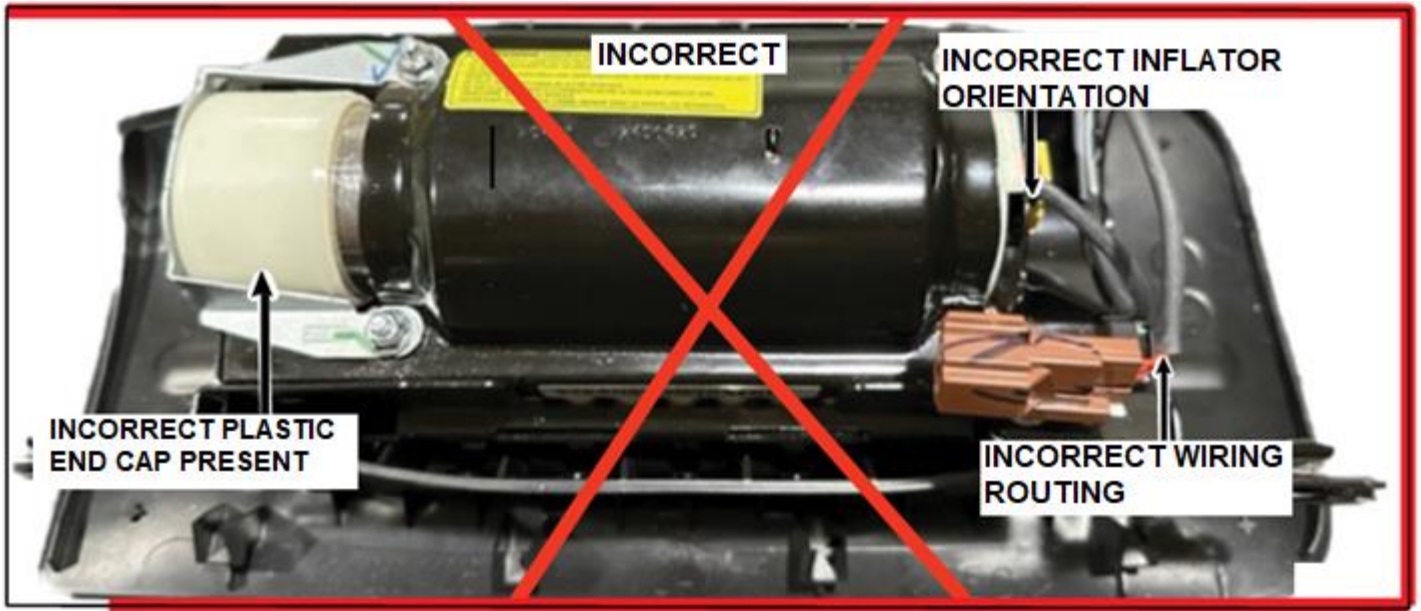
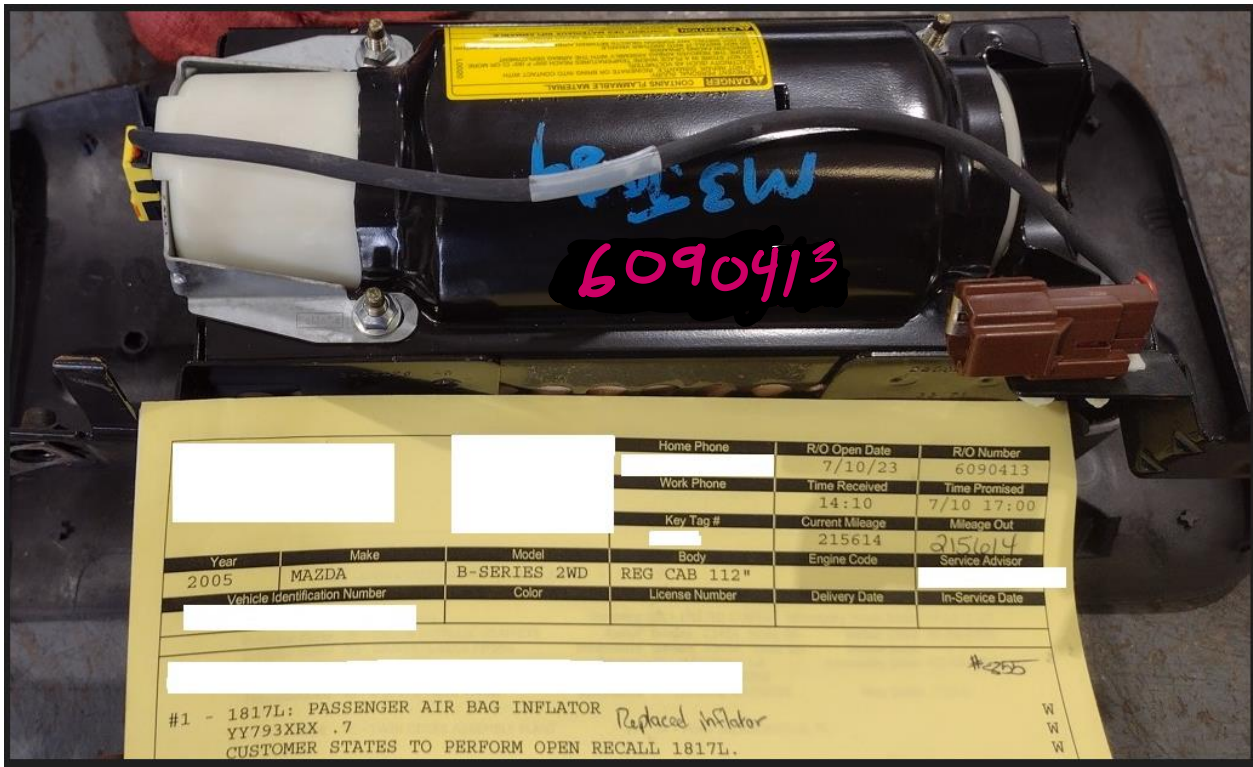


FIGURE 3 – NO GOOD (NG) INCORRECT ORIENTATION OF END CAP



**Required Photo 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.**



**Air Bag Module Reinstallation:**

1. Install the passenger air bag module. Refer to MGSS online ([PASSENGER AIR BAG MODULE REMOVAL/ INSTALLATION](#)).
2. Reconnect the negative battery cable.
3. Turn the ignition switch to the ON position.
4. Verify that the air bag system warning light illuminates for approx. 6 sec., then goes out.

**NOTE:** If the air bag system warning light does not operate in the manner described above, there is a malfunction in the system. Inspect the system following the on-board diagnostic system procedure according to MGSS online.

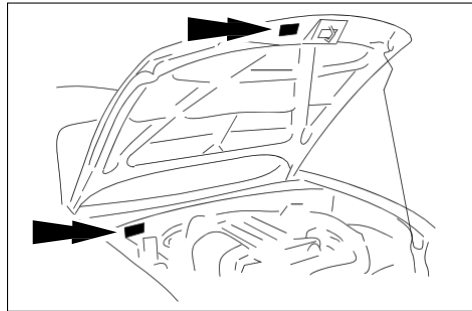
5. Re-enter the customer’s preset radio stations.
6. Proceed to “C. CAMPAIGN LABEL INSTALLATION”.

### C. CAMPAIGN LABEL INSTALLATION

1. Fill out a black "Campaign Label" (9999-95-065A-06) for each campaign with Campaign No: "1817L" and Campaign "1917L", your dealer code, today's date.

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

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



3. Return the vehicle to customer.

**END OF REPAIR PROCEDURE**