

Subject: AIR BAG PARTS COLLECTION REQUEST OF TAKATA AIR BAG FOR INVESTIGATION OF INFLATOR WITH DESICCANT	Bulletin No: 08-003/17
	Last Issued: 07/26/2017

APPLICABLE MODEL(S)/VINS

2003-2008 Mazda6 (including Mazdaspeed6)

2004-2011 RX-8

2010-2013 Mazda3

DESCRIPTION

Mazda Motor Corporation is going to evaluate the following inflators to ensure the safety of the inflator with a desiccant. In order to do this, MNAO is collecting inflators for evaluation in certain zones.

- For 2003-2008 Mazda6 (including Mazdaspeed6) and 2004-2011 RX-8: Collect 30 Driver-side and 30 Passenger-side inflators (60 total) from vehicles that have completed Recall 8215F for Driver-side and Recall 9416E for Passenger-side airbags in the following zones.

	Driver's side airbag	Passenger's side airbag	Total
Zone A	20	20	40
Zone B	10	10	20
Total	30	30	60

- For 2010-2013 Mazda3: Collect 200 Passenger-side inflators from vehicles in the following zones.

	2010	2011	2012	2012	Total
Zone A	60	40	20	10	130
Zone B	30	20	10	10	70
Total	90	60	30	20	200

COLLECTION PROCEDURE

2003-2008 Mazda6 (including Mazdaspeed6) and 2004-2011 RX-8

1. Replace the driver/passenger front airbag inflator with another modified one.
 - Driver-side (2003-2008 Mazda6 / 2004-2008 RX-8): Refer to Recall 8215F Repair Procedure
 - Passenger-side (2003-2008 Mazda6 / 2004-2011 RX-8): Refer to Recall 9416E Repair Procedure

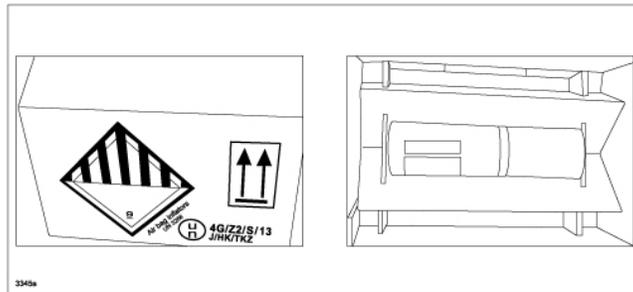
2010-2013 Mazda3

Outline:

1. Remove the inflator from the passenger-side air bag module, then replace it with a new one.
2. Pack and return the removed inflator.

CAUTION:

- Use the same carton which was used to deliver the 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.

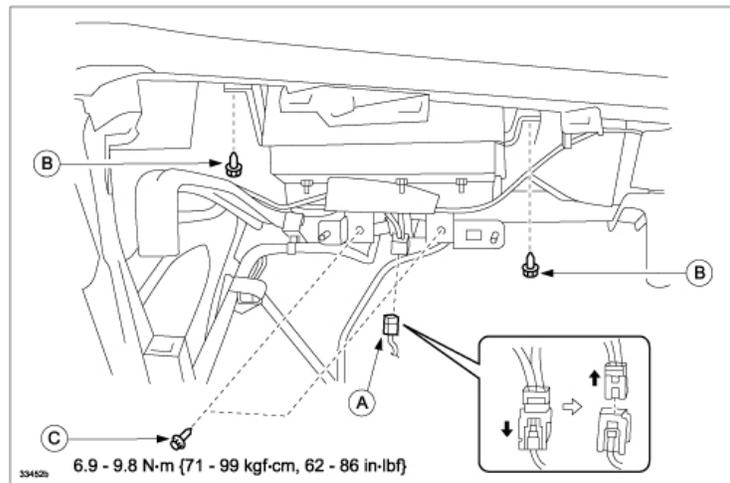


Air Bag Module Removal:

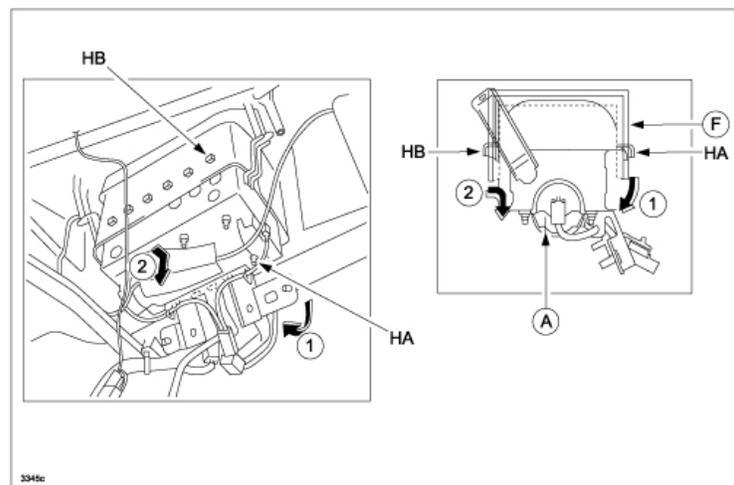
WARNING:

- 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., to spill or make contact with the airbag 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 connectors.
- Do not disassemble the vehicle part 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 OFF.
2. Disconnect the negative battery cable and wait for one (1) minute or more.
3. Remove the following parts:
 - a. Passenger-side front scuff plate
 - b. Passenger-side front side trim
 - c. Dashboard under cover
 - d. Glove compartment
 - e. Passenger-side lower panel
 - f. SIRIUS satellite radio unit (if equipped)
4. Disconnect the connector (A).

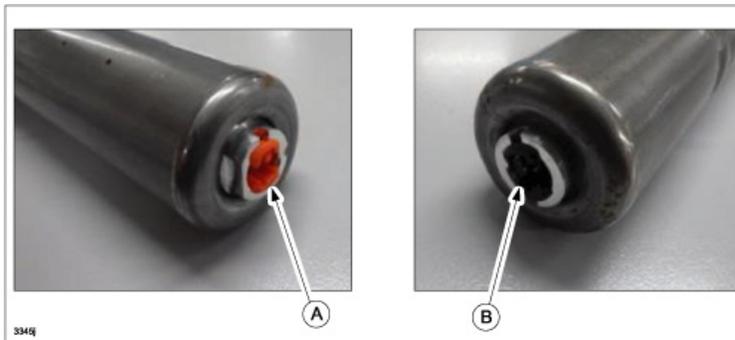


5. Remove the screws (B) and bolt (C).
6. Pull the passenger-side airbag module (A) in the direction of arrow (1) and detach hook A (HA) from the instrument panel (F=Frame).

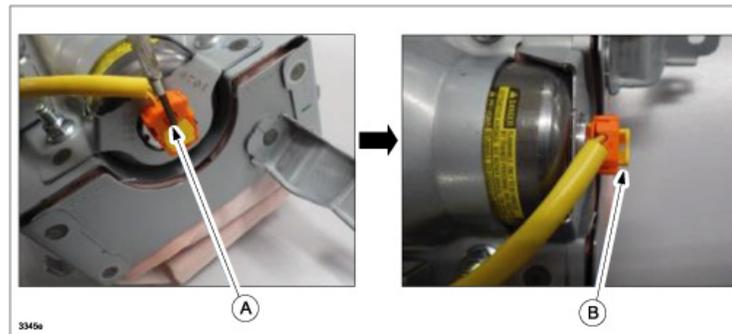


7. Pull the passenger-side airbag module in the direction of arrow (2) and detach hook B (HB) from the instrument panel.

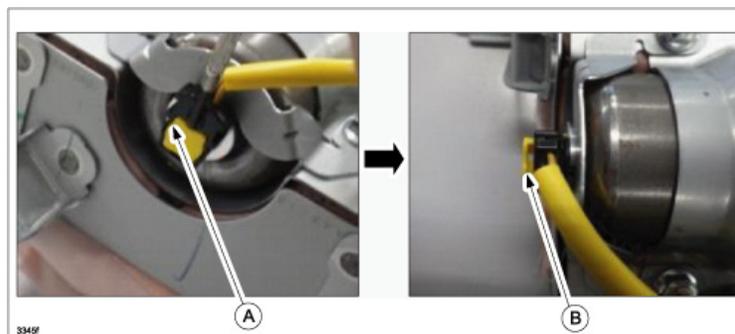
8. Replace the passenger front airbag inflator with a new one, making note of the orange connector (A) and the black connector (B).



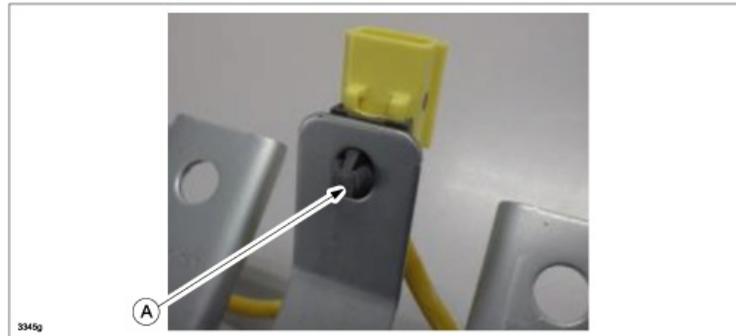
- a. Push up the locking pin at the tip of the orange connector (A) using a thin tool and confirm the lock pin is up (B).



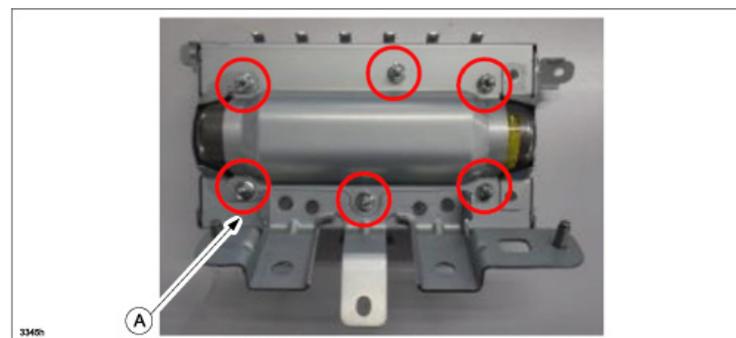
- b. Push up the locking pin at the tip of the black connector (A) using a thin tool and confirm the lock pin is up (B).



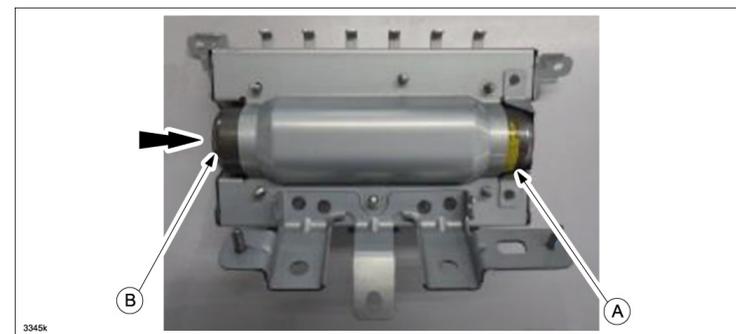
c. Remove the clip (A) of the connector.



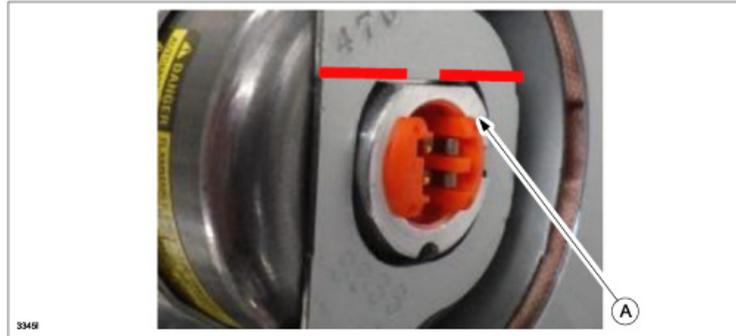
d. Remove the six M5 nuts (A), stopper plate and inflator.



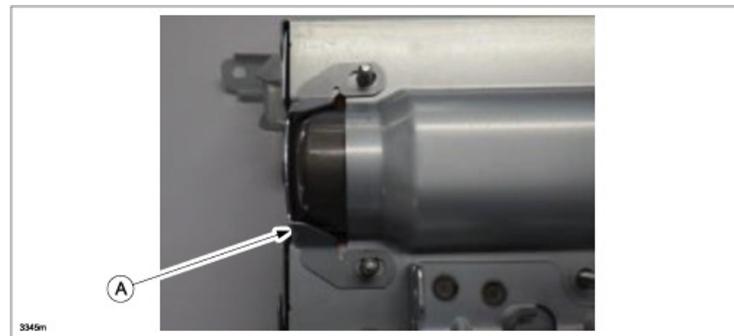
e. Insert the replacement inflator into the retainer in the direction of the arrow, making sure to orient the orange connector (A) and black connector (B) properly before inserting in the retainer.



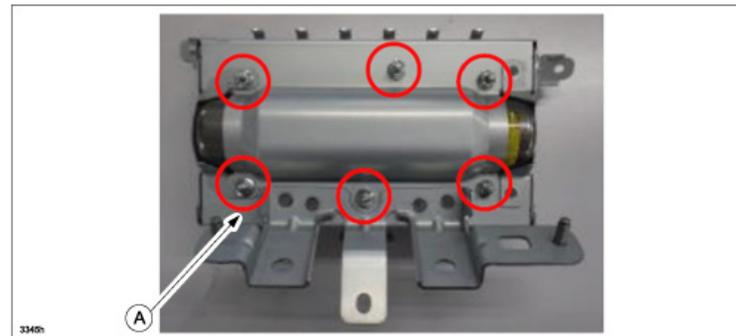
NOTE: The inflator D shape should align with the stopper plate (A).



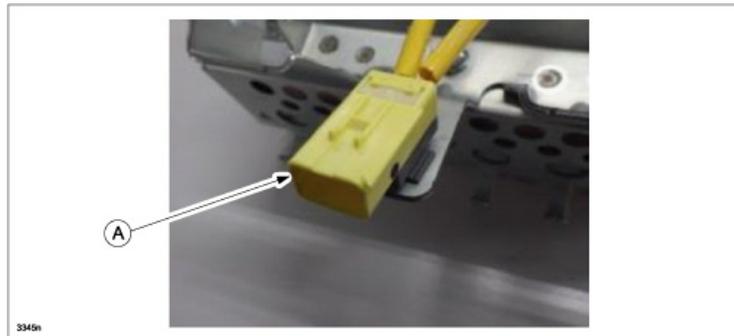
f. Attach the replacement stopper plate (A) to the retainer.



g. Install the six M5 replacement nuts (A).
Tightening torque: 34.5 +/- 3.5 lb-in (3.9 +/- 0.4 Nm)



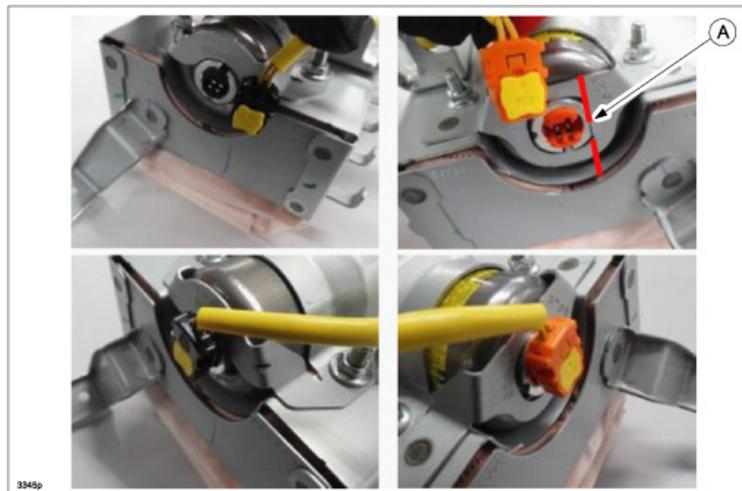
- h. Connect the replacement wire harness at 2 locations, making sure the connectors are fitted properly.
1. Attach the connector (A).



2. Pass the harness through the bracket as shown.



3. Connect the connectors.



9. Install the passenger-side airbag in the reverse order of removal.
10. Connect the negative battery cable.
11. Turn the ignition ON.
12. Verify that the airbag system warning light illuminates for about 6 seconds and then goes out.

PART(S) INFORMATION

Vehicle	Part Number	
	Driver's side	Passenger's side
RX-8	F1Y2-57-K80	F1Z1-57-K80
Mazda6	GPYA-57-K80	GLYA-57-K80
Mazda3	--	BBM4-57-K80

WARRANTY INFORMATION

Replacement of driver's side front airbag inflator for Mazda6/Mazdaspeed6 and RX-8

Process Number	UM0020
Symptom Code	99
Damage Code	99
Part Number Main Cause	GPYA-57-K80 (Mazda6, Mazdaspeed6) F1Y2-57-K80 (RX-8)
Quantity	1
Operation Number / Labor Hours:	XXN48XRX / 0.3 Hrs.

Replacement of passenger's side front airbag inflator for Mazda6/Mazdaspeed6 and RX-8

Process Number	UM0020
Symptom Code	99
Damage Code	99
Part Number Main Cause	GLYA-57-K80 (Mazda6, Mazdaspeed6) F1Z1-57-K80 (RX-8)
Quantity	1
Operation Number / Labor Hours:	XXN49XRX / 0.4 Hrs.

Replacement of passenger's side front airbag inflator for Mazda3

Process Number	UM0020
Symptom Code	99
Damage Code	99
Part Number Main Cause	BBM4-57-K80
Quantity	1
Operation Number / Labor Hours:	XXN49XRX / 0.4 Hrs.