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TO: All Mazda Dealership General Managers, Service Managers, and Parts Managers

DATE: July 2016

SUBJECT: Passenger Air Bag Inflator Replacement - Safety Recall 9416E

Mazda Motor Corporation has decided that a defect which relates to motor vehicle safety exists in vehicles equipped with certain type of passenger frontal air bag inflator, and to conduct a recall campaign expanded to include all 2003-2008 Mazda6, 2006-2007 Mazdaspeed6, 2004-2011 RX-8, and 2004-2006 MPV vehicles.

This recall supersedes safety recalls 8114L and 9015L. In this phase of 9416E, vehicles that have not received passenger inflator replacement under interim recalls 8114L or 9015L are required to receive the permanent repair inflator under recall 9416E.

In the subject vehicles, continued exposure to high levels of absolute humidity may cause the passenger frontal air bag inflator housing to rupture and deploy abnormally in the event of a crash necessitating deployment of the passenger frontal air bag. An inflator rupture could result in metal fragments striking the front passenger or other vehicle occupants, resulting in serious injury or death.

Dealers are to replace the passenger frontal air bag inflator of the subject vehicles with a permanent remedy inflator. The original inflator must be returned to the manufacturer according to the instructions described in Attachment IV.

All owners of subject vehicles will be notified by first class mail beginning July 19, 2016. Owners of subject vehicles in high absolute humidity (HAH) states "Zone A" will be asked to make an appointment with a Mazda dealer to have the passenger frontal air bag inflator replaced with a permanent remedy part. Other owners will be advised that the parts are currently not available, and they will be re-notified by mail when the replacement parts are available.

This package contains important information about Safety Recall 9416E:

Attachment I	Dealer Service and Parts Information
Attachment II	Repair procedure
Attachment III	Owner notification letter
Attachment IV	Air Bag Inflator Return Instructions

Important Safety Notice: The National Traffic and Motor Vehicle Safety Act prohibits the delivery of any subject vehicle without performing the necessary repair for defects or failures. Failure to perform applicable recalls before delivery can result in extensive dealer fines and penalties from the Federal Government. Therefore, you must complete this recall for all affected vehicles in your inventory prior to delivery. To help you effectively perform this recall, Mazda has developed the following resources:

1. The attached service and parts information, repair procedure and air bag inflator return instructions are available on eMDCS and MS3 (Mazda Service Support System) websites via MXConnect.
2. For technical assistance, contact the Technical Assistance Hotline at (888) 832-8477, Option 3.
3. For parts questions, contact the Corporate Dealer Assistance Group at (877) 727-6626, Option 2.
4. For warranty questions, contact the Warranty Hotline at (877) 727-6626, Option 3.
5. We recommend using the special Recall Reminder Report #JS30R***-1 and Recall Reminder Labels available in Web Reporting to encourage customers to come in for the recall (with recall reminder postcards). Dealers may use such owner information for the sole purpose of conducting and performing this recall, and for no other purpose. **Using it for marketing activities is strictly prohibited and could subject your dealership to serious fines.** The information in the report is protected by state privacy and other applicable laws regarding disclosure of personal and/or confidential, restricted or blocked information. It is the dealer's responsibility to protect the confidentiality of owner records and prevent the release of information to other parties.

Please make certain the appropriate personnel in your dealership are aware of these resources and are familiar with the details of this recall before responding to customer inquiries.

We apologize for any inconvenience this recall may cause you and your customers. Your understanding and support in carrying out this recall campaign is greatly appreciated.

Sincerely, _



Akira Ikemoto
Director, Technical Services Division
Mazda North American Operations

CONDITION OF CONCERN

In the subject vehicles, continued exposure to high levels of absolute humidity may cause the passenger frontal air bag inflator housing to rupture and deploy abnormally in the event of a crash necessitating deployment of the passenger frontal air bag. An inflator rupture could result in metal fragments striking the front passenger or other vehicle occupants, resulting in serious injury or death.

Dealers are to replace the passenger side frontal air bag inflator of subject vehicles with a permanent remedy one.

MANDATORY AIR BAG INFLATOR RETURN

The original air bag inflator(s) should be returned by your dealership every 30 days or once 200 inflators have been accumulated. All inflator part numbers can be counted and shipped together for these returns. To schedule a return, please contact XPO at (877) 650-3476. Detailed air bag inflator return instructions are provided in Attachment IV, and can also be found on MS3 and the Dealer Assistance Group website. Failure to return the original inflator will result in a Warranty Claim Debit.

SUBJECT VEHICLES

Zone A

Model	VIN Range	Note
2003-2008 Mazda6	ALL	Originally sold or ever registered in Alabama, California, Florida, Georgia, Hawaii, Louisiana, Mississippi, South Carolina, Texas, Puerto Rico and Guam
2006-2007 Mazdaspeed6	ALL	
2004-2006 MPV	ALL	
2004-2011 RX-8	ALL	

Zone B

Model	VIN Range	Note
2003-2008 Mazda6	ALL	Originally sold or ever registered in Arizona, Arkansas, Delaware, District of Columbia, Illinois, Indiana, Kansas, Kentucky, Maryland, Missouri, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, Ohio, Oklahoma, Pennsylvania, Tennessee, Virginia, West Virginia
2006-2007 Mazdaspeed6	ALL	
2004-2006 MPV	ALL	
2004-2008 RX-8	ALL	

Zone C

Model	VIN Range	Note
2003-2008 Mazda6	ALL	Originally sold or ever registered in Alaska, Colorado, Connecticut, Idaho, Iowa, Maine, Massachusetts, Michigan, Minnesota, Montana, New Hampshire, New York, North Dakota, Oregon, Rhode Island, South Dakota, Utah, Vermont, Washington, Wisconsin, Wyoming
2004 MPV	ALL	
2004 RX-8	ALL	

Note: Some vehicles in this recall are also included in Safety Recall 8215F.

OWNER NOTIFICATION

Mazda will notify U.S. owners by first class mail beginning July 19, 2016.

The permanent remedy inflators will initially be available only for certain vehicles in Zone A.

Due to the limited supply of inflators, the subject owners will be notified of parts availability in phases.

Phase 1: Zone A

Phase 2: Zone B

Phase 3: Zone C

PARTS INFORMATION

Description	Part Number	Quantity	Applicable Model
Passenger Side Front Air Bag Inflator	GLYA-57-K80	1	Mazda6, Mazdaspeed6, MPV
	F1Z1-57-K80	1	RX-8
Campaign Label	9999-95-065A-06	1=50 labels	<i>Obtain in MStore (no charge)</i>

PARTS ORDERING

A complete VIN is needed to process the order. A limited supply of replacement parts is available. A parts order screen for 9416E VINs in 'OPEN' status is now available in MX Connect. [Parts for 9416E are ordered to repair a specific VIN and are non-returnable.](#)

WARRANTY CLAIM PROCESSING INFORMATION

	Replacement of Passenger Side Front Air Bag Inflator		
	Mazda6, Mazdaspeed6	MPV	RX-8
Warranty Type	R		R
Process Number	AG004A		AG004B
Symptom Code	99		99
Damage Code	99		99
Part Number Main Cause	GLYA-57-K80		F1Z1-57-K80
Quantity	1		1
Labor Operation Number	XXM5FARX	XXM5FBRX	XXM5FCRX
Labor Hours	0.4 hrs.	0.5 hrs.	0.4 hrs.

RENTAL CAR INFORMATION

Mazda recommends the usage of the MCVP loaner vehicle when available. If all MCVP loaner vehicles are in use and unavailable, and the customer needs a rental car, then use your local rental facility and offer a rental car. Be sure that every effort is made to repair the car within one business day or less in order to allow the next customer the same experience.

Rental Car Warranty Claim Information

	MCVP Vehicle Preferred	Rental Agency Vehicle
Warranty Type Code	N/A	A
Symptom Code	N/A	9
Damage Code	N/A	9
Part Number Main Cause	N/A	5555-94-16ER
Part Quantity	N/A MCVP does not require claim submission	0
Labor Operation Code	N/A	MM024XRX
Labor Hours	N/A	0
Sublet – Rental Car	N/A	
Sublet Invoice Number	N/A	Number from Rental Invoice or Dealer Purchase Order
Sublet Type Code	N/A	Enter "Z9" (other)
Sublet Amount	N/A	Up to \$30.00 per day for the number of days customer had rental
Sublet Text	N/A	Number of days rental car was supplied to

Rental expenses exceeding the two-day limit will require prior DSM Authorization, as outlined in the Mazda Rental Car Reimbursement Program policy.

VERIFY THE VEHICLE NEEDS THE RECALL

1. Verify the vehicle is within the following ranges:

Zone A

Model	VIN Range	Note
2003-2008 Mazda6	ALL	Originally sold or ever registered in Alabama, California, Florida, Georgia, Hawaii, Louisiana, Mississippi, South Carolina, Texas, Puerto Rico and Guam
2006-2007 Mazdaspeed6	ALL	
2004-2006 MPV	ALL	
2004-2011 RX-8	ALL	

Zone B

Model	VIN Range	Note
2003-2008 Mazda6	ALL	Originally sold or ever registered in Arizona, Arkansas, Delaware, District of Columbia, Illinois, Indiana, Kansas, Kentucky, Maryland, Missouri, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, Ohio, Oklahoma, Pennsylvania, Tennessee, Virginia, West Virginia
2006-2007 Mazdaspeed6	ALL	
2004-2006 MPV	ALL	
2004-2008 RX-8	ALL	

Zone C

Model	VIN Range	Note
2003-2008 Mazda6	ALL	Originally sold or ever registered in Alaska, Colorado, Connecticut, Idaho, Iowa, Maine, Massachusetts, Michigan, Minnesota, Montana, New Hampshire, New York, North Dakota, Oregon, Rhode Island, South Dakota, Utah, Vermont, Washington, Wisconsin, Wyoming
2004 MPV	ALL	
2004 RX-8	ALL	

- If the vehicle is applicable to the above conditions, go to Step 2.
- If the vehicle is not applicable to the above ranges, it is not subject to Recall 9416E.

2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect the vehicle for an Authorized Campaign Label RECALL 9416E attached to the vehicle's hood or bulkhead.

eMDCS System – Warranty Vehicle Inquiry Results:

If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 9416E OPEN	Present	Contact the Warranty Hotline at (877) 727-6626, option 3, to update vehicle history.
	Not present	Proceed to "REPAIR PROCEDURE".
RECALL 9416E CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Complete a label and apply to vehicle's hood or bulkhead.
RECALL 9416E is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to customer.

REPAIR PROCEDURE

Please refer to Attachment II.

2003-08 MAZDA6, 2006-07 MAZDASPEED6, 2004-11 RX-8, 2004-06 MPV - PASSENGER AIR BAG SAFETY RECALL 9416E

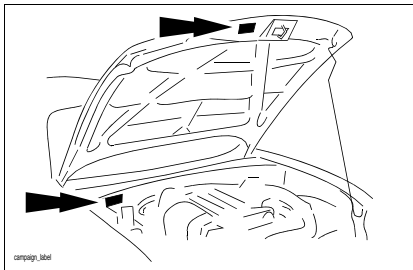
A. VEHICLE INSPECTION PROCEDURE

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

Model
2003-2008 Mazda6
2006-2007 Mazdaspeed6
2004-2011 RX-8
2004-2006 MPV

- 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 **Recall 9416E** 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.

<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 250px;"><p style="text-align: center; margin: 0;">CAMPAIGN LABEL</p><div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 150px;"><p>CAMPAIGN NO: _____</p><p>DEALER CODE: _____</p><p>DATE: / /</p></div><p style="font-size: small; margin-top: 5px;">P/N 9999-95-065A-06</p></div> <p style="font-size: x-small; margin-top: 5px;">1326b</p>	 <p style="font-size: x-small; margin-top: 5px;">campaign_label</p>
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eMDCS System - Warranty Vehicle Inquiry Results:

If eMDCS displays:	Campaign Label is:	Action to perform:
RECALL 9416E OPEN	Present	Contact the Warranty Hotline at (877) 727-6626 option 3 to update vehicle history.
	Not present	Proceed to "B. REPAIR PROCEDURE".
RECALL 9416E CLOSED	Present	Return vehicle to inventory or customer.
	Not present	Proceed to "C. CAMPAIGN LABEL INSTALLATION".
RECALL 9416E is not displayed	Does not apply	Recall does not apply to this vehicle. Return vehicle to inventory or customer.

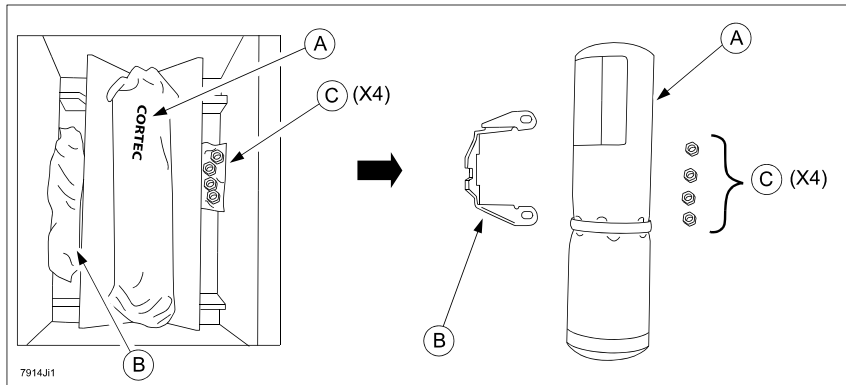
B. REPAIR PROCEDURE

Year / Model	Page No.
2003-2008 Mazda6, 2006-2007 Mazdaspeed6	3
2004-2011 RX-8	10
2004-2006 MPV	17

2003-2008 Mazda6, 2006-2007 Mazdaspeed6:

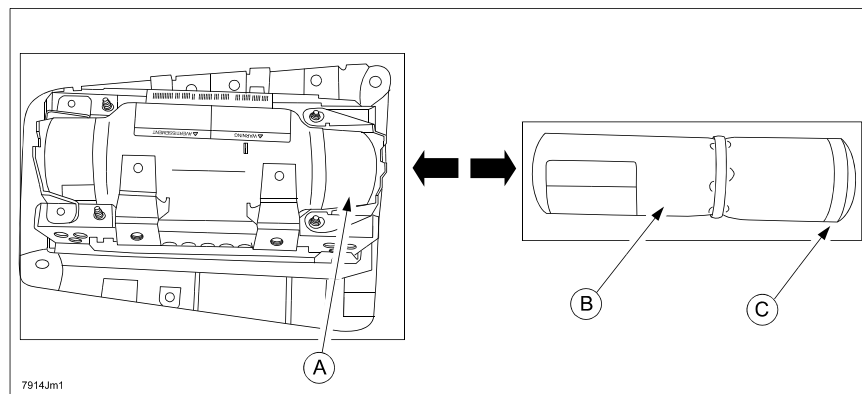
Passenger-Side Air Bag Inflator Replacement Procedure:

Parts Information: The service parts are available in one box [Inflator (A), Stopper Plate (B), and 4 Nuts (C)].



Outline:

1. Remove the inflator from the passenger-side air bag module (A), then replace it with a modified one (B) identified with a white stripe (C).

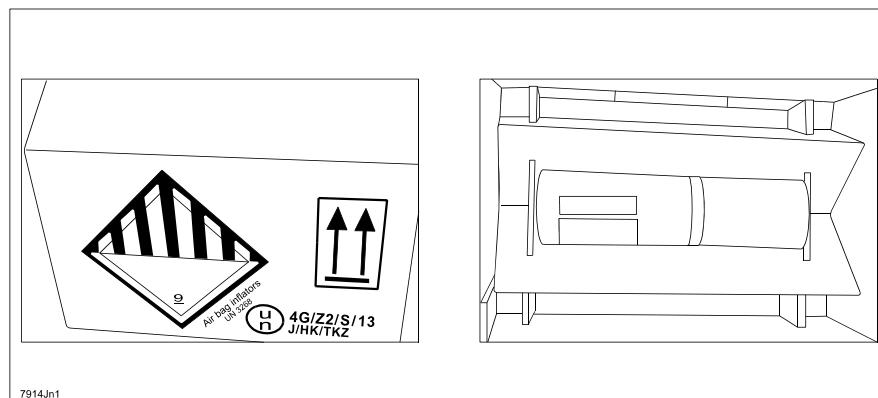


2. Pack and return the removed inflator as follows:

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

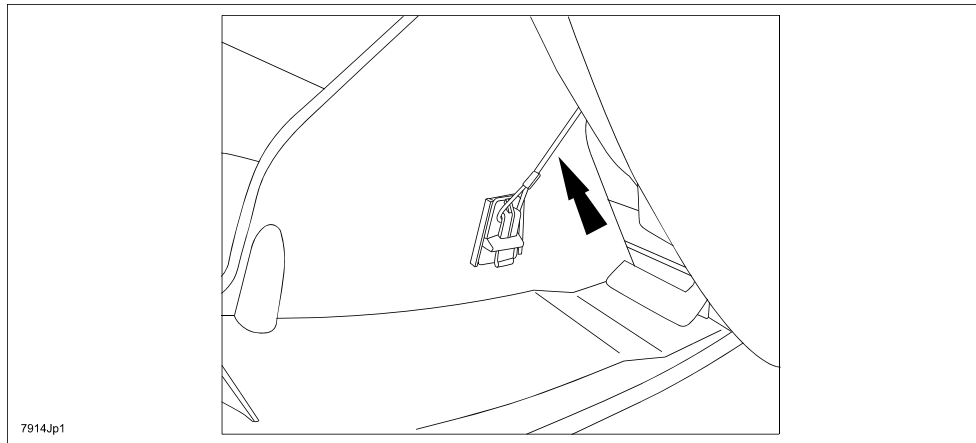
CAUTION:

- 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.

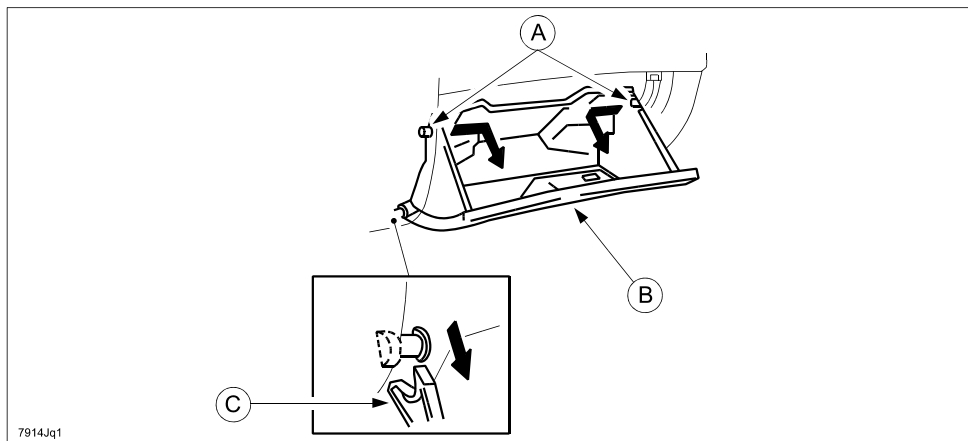


Air Bag Module Removal:**WARNING:**

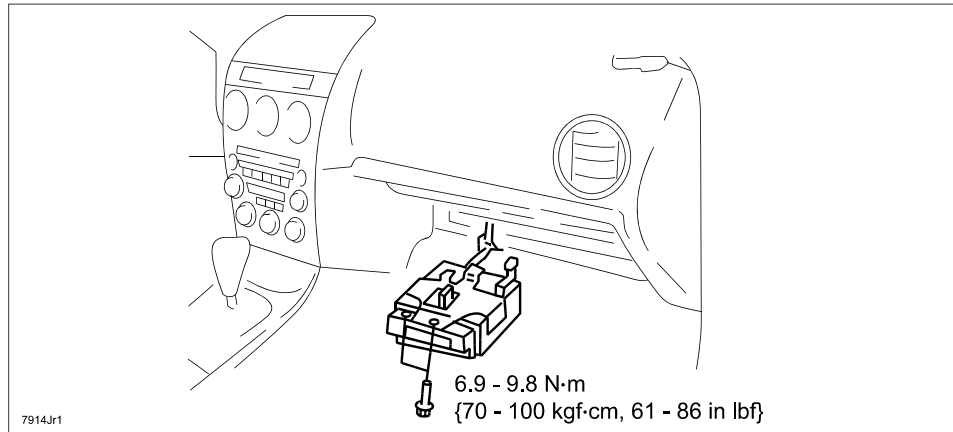
- Perform the replacement in a clean environment. Oil, grease, water, etc. on components may cause the air bag modules to fail to deploy in an accident, which may cause serious injury. Do not allow oil, grease, water, etc., on components.
 - Inserting a screwdriver, etc., into the connector of an air 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 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. Record the customer's preset radio stations.
 3. Disconnect the negative battery cable and wait for one (1) minute or more.
 4. Remove the glove compartment.
 - a. Detach the string from the glove compartment.



- b. Press the glove compartment stoppers (A) inward.
- c. Lower the glove compartment (B) downward and pull the clips (C) to remove it.



5. Remove the navigation unit (if equipped).
 - a. Remove the bolts.
 - b. Remove the navigation unit.

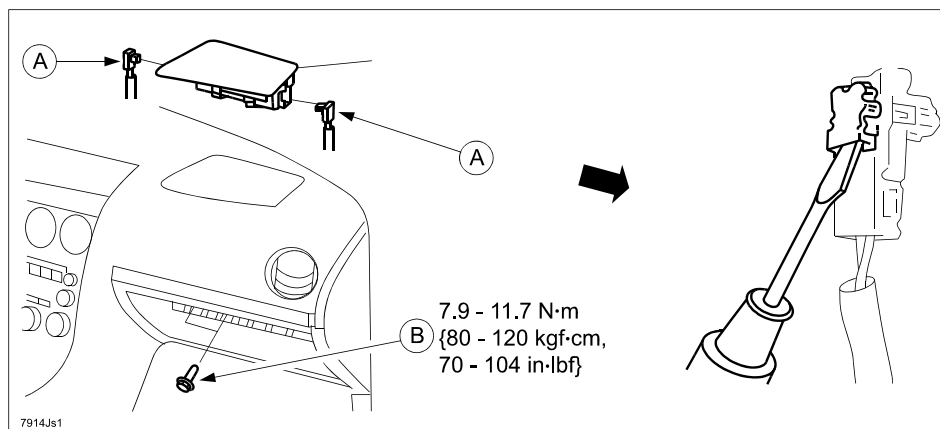


6. Remove the air bag module.

CAUTION:

- Be careful when prying out the stopper plate. Otherwise, damage to the stopper plate could occur. Or if it pops off and is lost, it is not available as a separate part.
- The stopper plate must be pried up before disconnecting the connector. Otherwise, the connector could be damaged if trying to disconnect it with the stopper plate engaged.
- Use extreme care when disconnecting the connector. Otherwise, damage to the connector could occur.

- a. Using a flathead screwdriver, gently pry out the connector stopper plate.
- b. Disconnect the connectors (A).



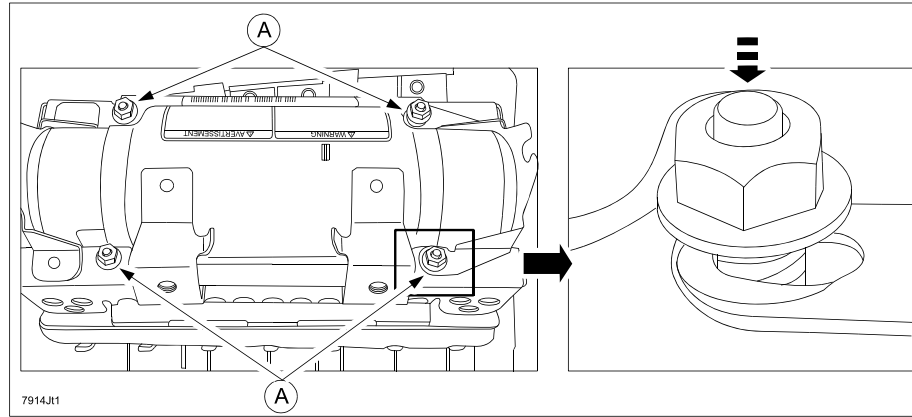
- c. Remove the bolt (B).

7. 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.

Inflator Replacement:

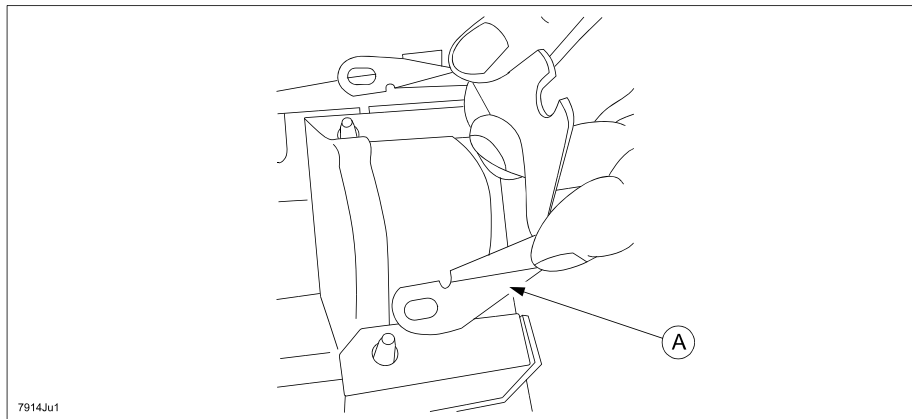
1. Loosen four (4) nuts until the upper surface of the nuts are aligned with the top edge of the screw thread. For easier inflator removal, depress the four (4) nuts and make a gap between the inflator and air bag module.

NOTE: Do not depress excessively as the module body may detach.



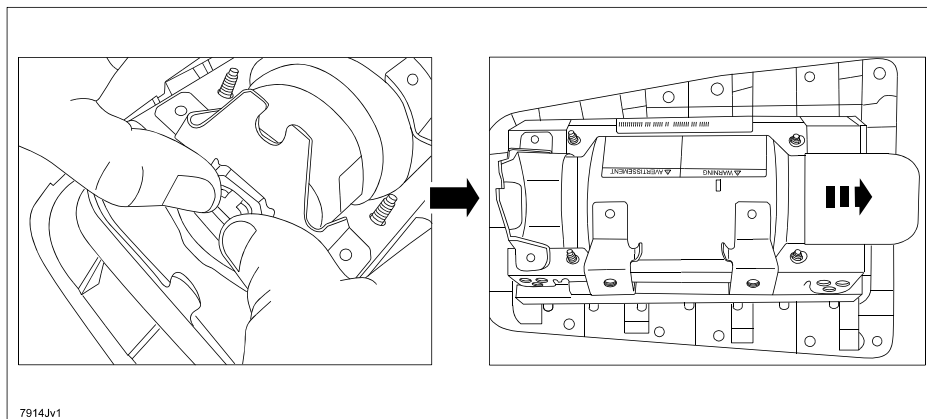
2. Remove the four (4) nuts, then remove the stopper plate from the air bag module.

NOTE: Discard all of the nuts and stopper plate.

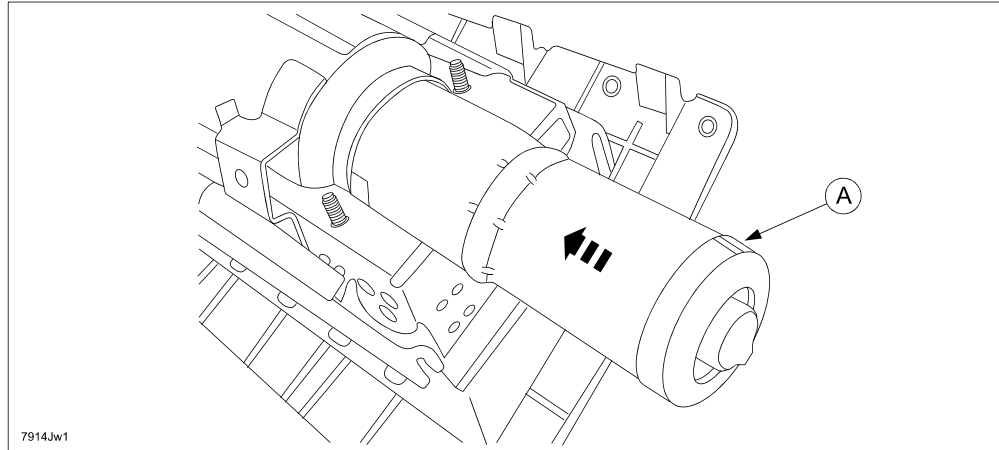


3. Push the inflator end with fingers, then remove it by sliding it in the direction shown below.

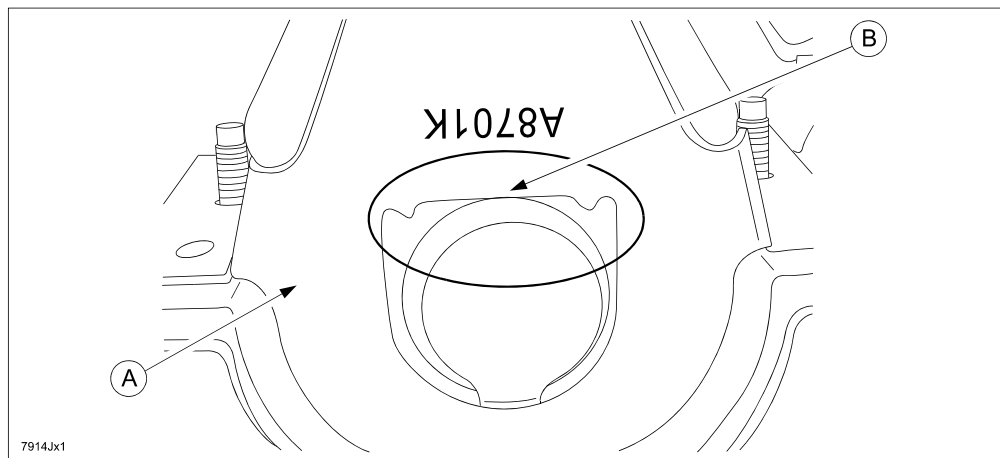
IMPORTANT: Return the removed inflator in the same carton in which the new part was received. Carefully follow the packing and shipping instructions included in the carton and make sure the part number of the replacement part is GLYA-57-K80.



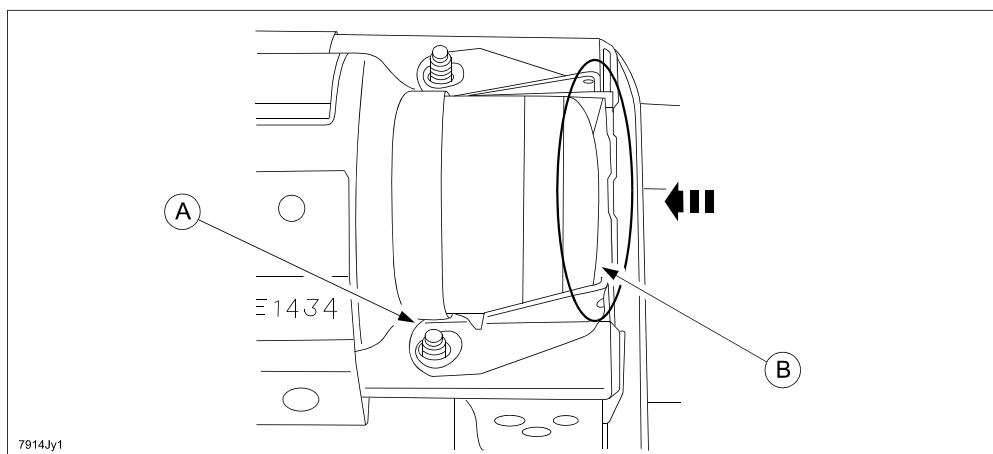
4. Insert the modified inflator from the opposite side of where the white identification tape (A) is located.



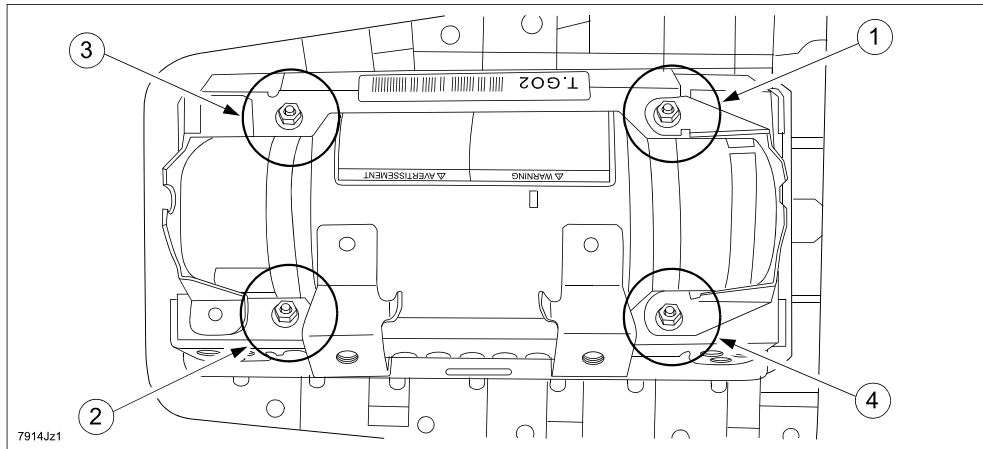
5. Insert the inflator up to the position where it touches the stopper (A), aligning the D-shape end of the inflator with the stopper opening (B).



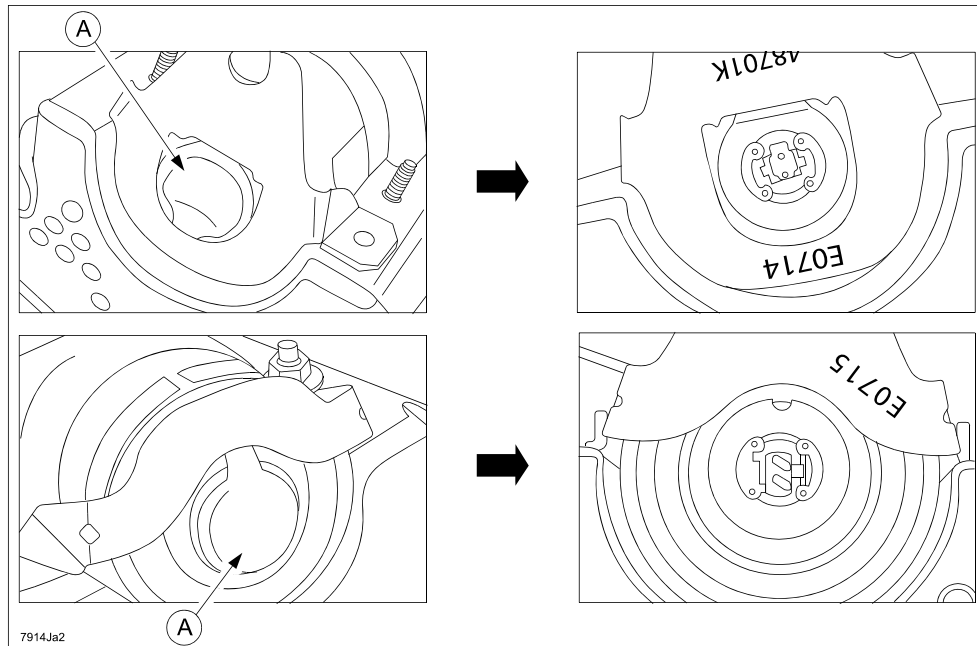
6. Set the new stopper plate (A) by gently pushing until it touches with the inflator side (B).



7. Keeping the position above, hand tighten the four (4) new nuts.
8. Tighten the four (4) new nuts to the specified torque in the order shown below (1, 2, 3, 4).
Tightening Torque: 35 +/- 1.8 in-lbf. {39.8 +/- 2.0 kgf-cm, 3.9 +/- 0.4 Nm}



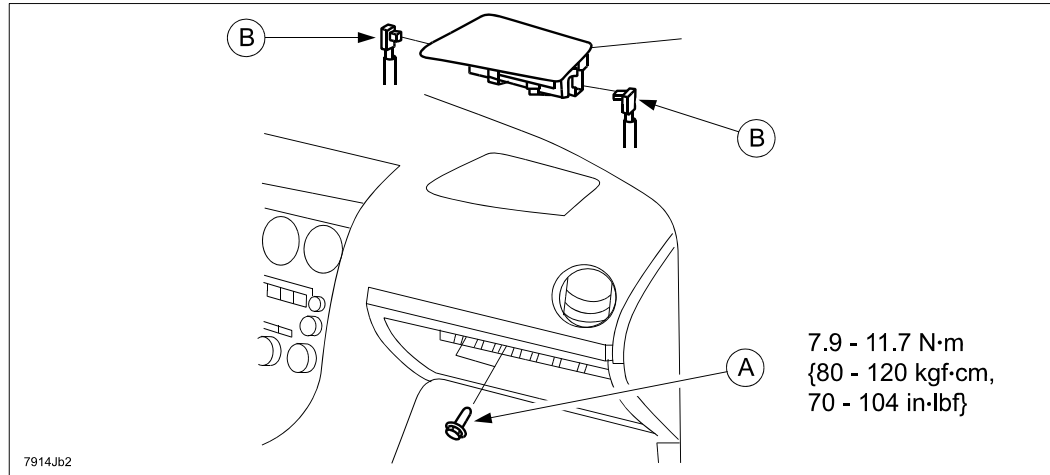
9. Remove the seal (A) from the end of the inflator on both sides.



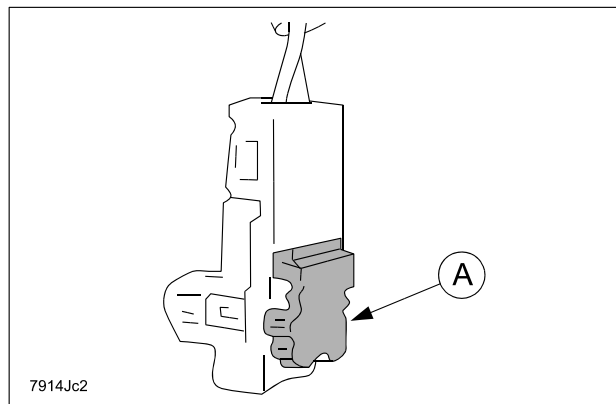
Air Bag Module Reinstallation:

1. Install the air bag module assembly.
2. Tighten the bolt (A) to the specified torque.

Tightening Torque: 70 - 104 in-lbf. {80 - 120 kgf-cm, 7.9 - 11.7 Nm}



3. Re-connect the connectors (B) to air bag module.
4. Securely lock the connectors by depressing the stoppers (A) on the back of the connector.



5. Reconnect the negative battery cable.
6. Turn the ignition switch to the ON position.
7. Verify that the air bag system warning light illuminates for approx. 6 sec., then goes out.

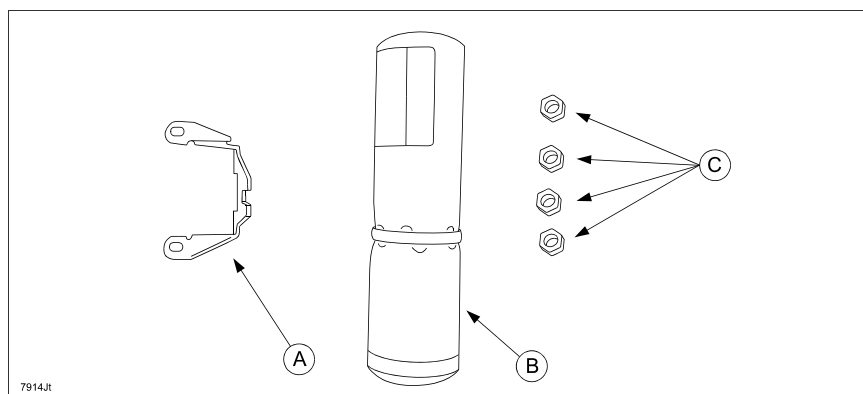
NOTE: If the air bag system warning light does not operate in the manner described above, there is a malfunction in the system. Inspect the system following the on-board diagnostic system procedure according to MS3 online or the Workshop Manual (section 08 Restraints).

8. Reinstall the navigation unit (if equipped).
9. Reinstall the glove box.
10. Re-enter the customer's preset radio stations.
11. Proceed to "C. CAMPAIGN LABEL INSTALLATION".

2004-2011 RX-8:

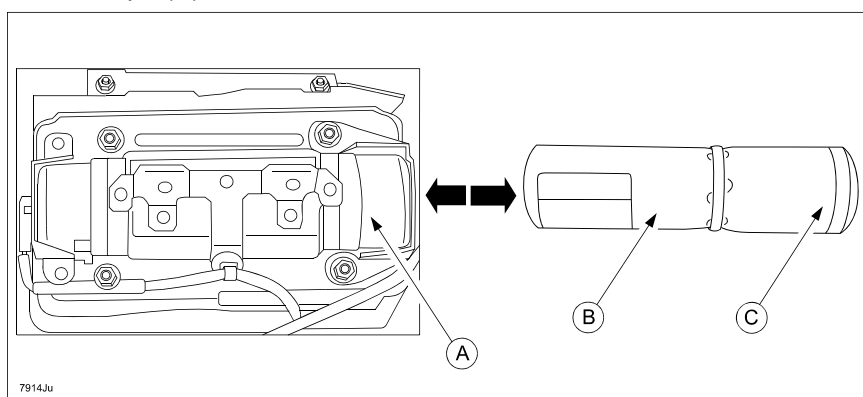
Passenger-Side Air Bag Inflator Replacement Procedure:

Parts Information: The service parts are available in one box [Stopper plate (A), Inflator (B), and 4 Nuts (C)].



Outline:

1. Remove the inflator from the passenger-side air bag module (A), then replace it with a modified one (B) identified with a white stripe (C).

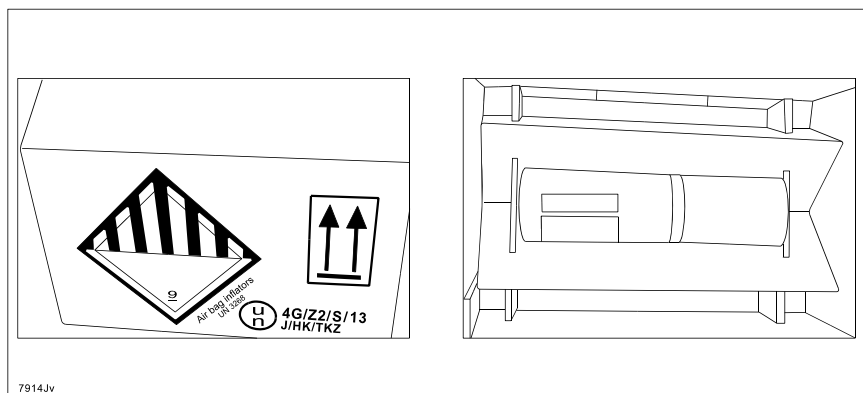


2. Pack and return the removed inflator as follows:

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

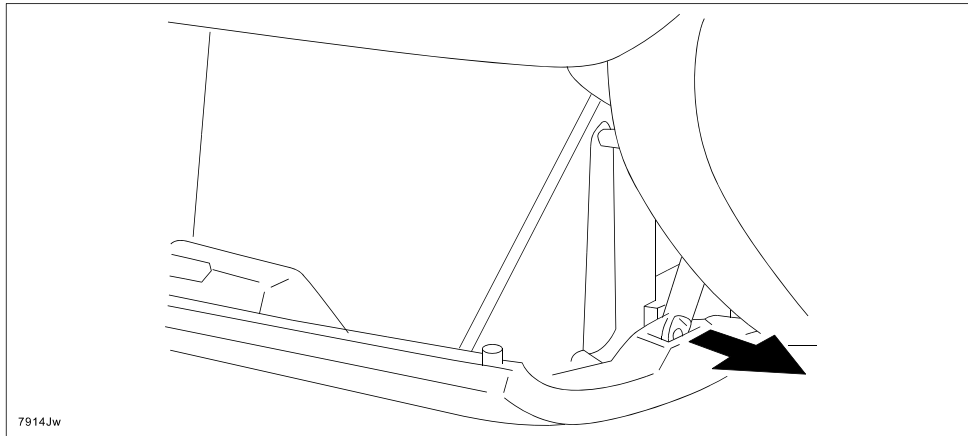
CAUTION:

- 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.

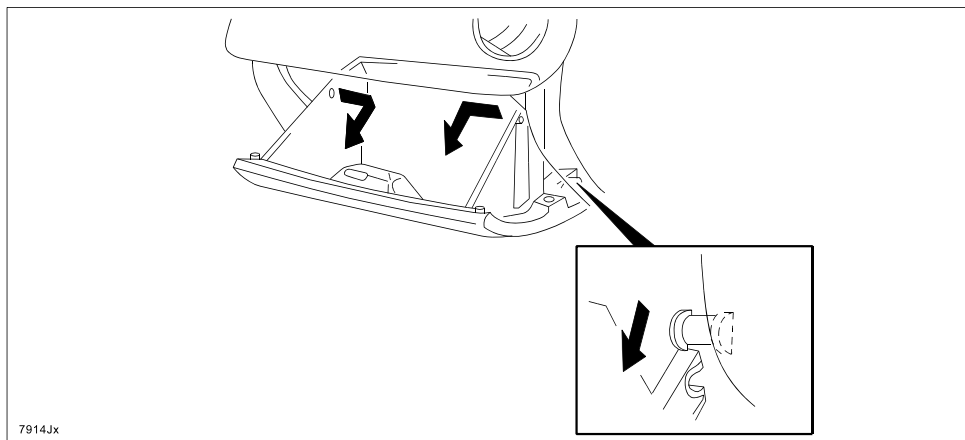


Air Bag Module Removal:**WARNING:**

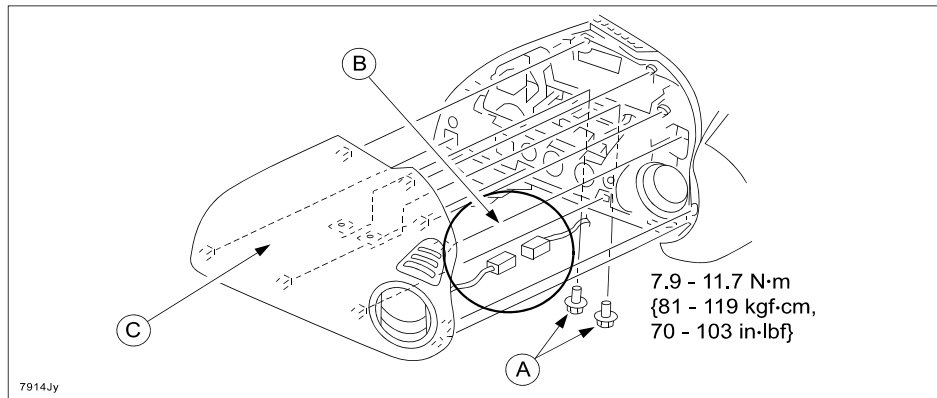
- Perform the replacement in a clean environment. Oil, grease, water, etc. on components may cause the air bag modules to fail to deploy in an accident, which may cause serious injury. Do not allow oil, grease, water, etc., on components.
 - Inserting a screwdriver, etc., into the connector of an air 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 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. Record the customer's preset radio stations.
 3. Disconnect the negative battery cable and wait for one (1) minute or more.
 4. Remove the glove compartment.
 - a. Pull the stay damper in the direction shown below.
 - b. Detach the glove compartment from the stay damper.



- c. Press the glove compartment stoppers inward.
- d. Lower the glove compartment downward.
- e. Detach the clips from the dashboard and remove the glove compartment.



5. Remove the air bag module.
 - a. Remove the bolts (A).
 - b. Disconnect the connector (B).
 - c. Remove the air bag module (C).



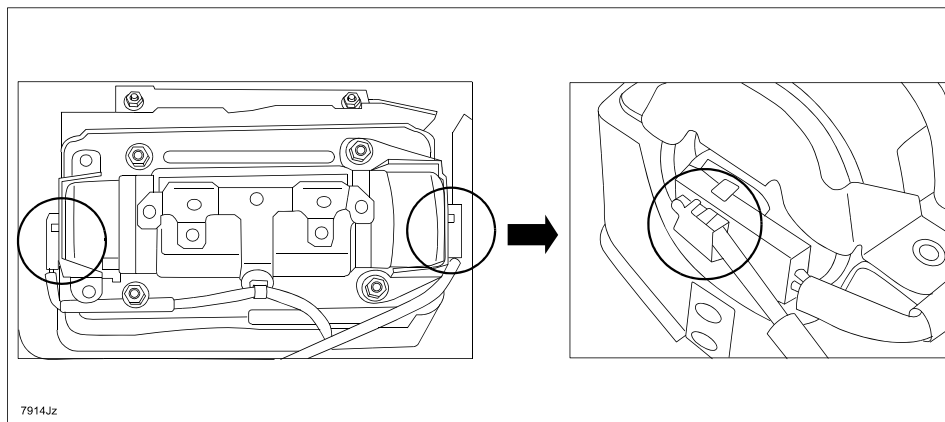
6. Lay a protective cloth on the work bench, then place the air bag module on it to avoid any damage or scratches to the surface.

Inflator Replacement:

CAUTION:

- Be careful when prying out the stopper plate. Otherwise, damage to the stopper plate could occur. Or if it pops off and is lost, it is not available as a separate part.
- The stopper plate must be pryed up before disconnecting the connector. Otherwise, the connector could be damaged if trying to disconnect it with the stopper plate engaged.
- Use extreme care when disconnecting the connector. Otherwise, damage to the connector could occur.

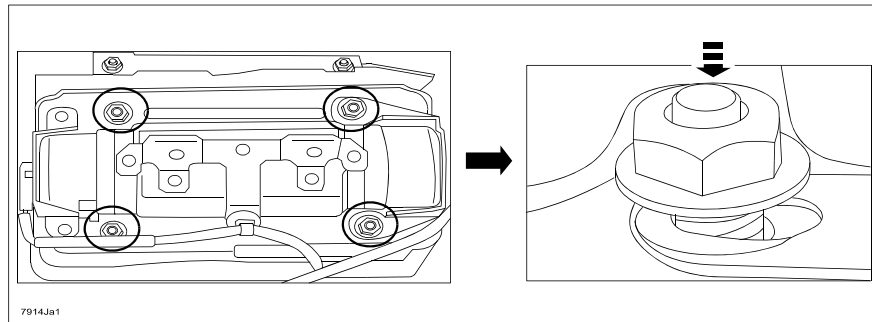
1. Using a flathead screwdriver, pry out the connector stopper plate, then disconnect the connector (both sides).



2. Loosen four (4) nuts until the upper surface of the nuts are aligned with the top edge of the screw thread.

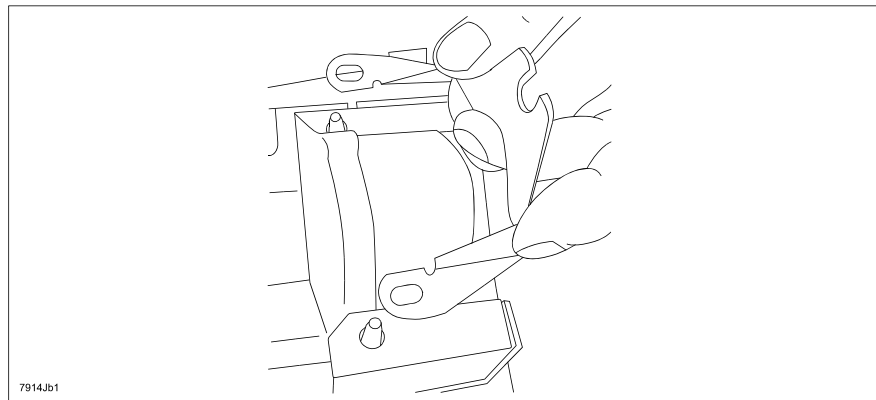
3. For easier inflator removal, depress the four (4) nuts and make a gap between the inflator and air bag module.

NOTE: Do not depress excessively as the module body may detach.



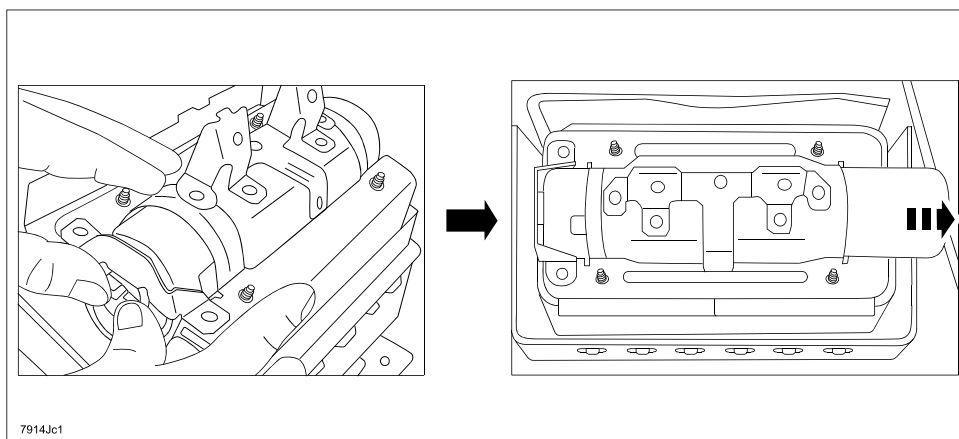
4. Remove the four (4) nuts, then remove the stopper plate from the air bag module.

NOTE: Discard all of the nuts and stopper plate.

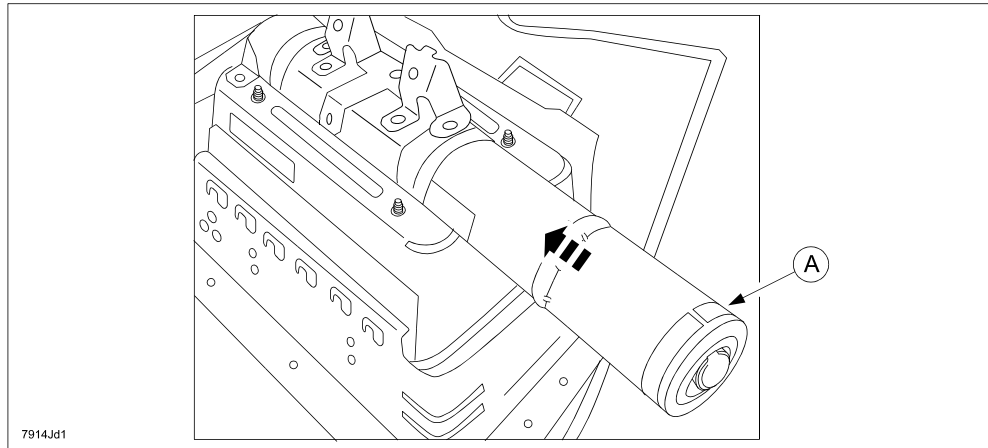


5. Push the inflator end with fingers, then remove it by sliding it in the direction shown below.

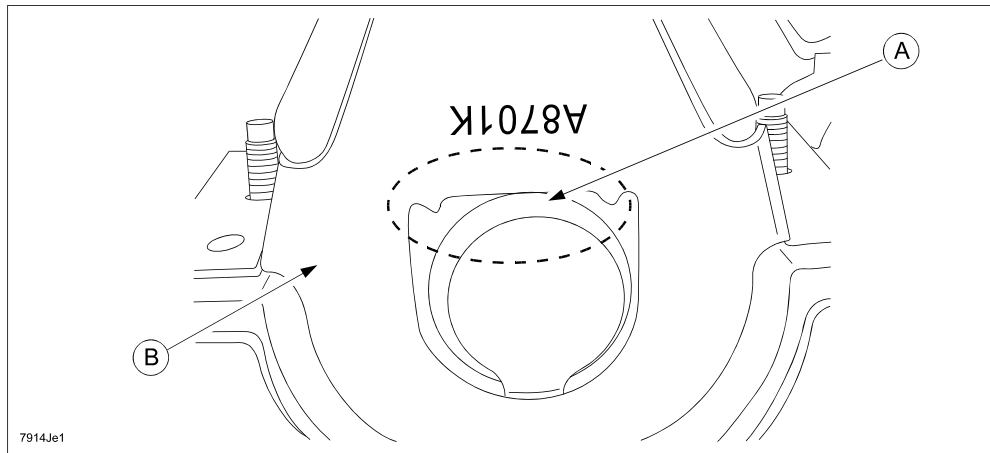
IMPORTANT: Return the removed inflator in the same carton in which the new part was received. Carefully follow the packing and shipping instructions included in the carton and make sure the part number of the replacement part is F1Z1-57-K80.



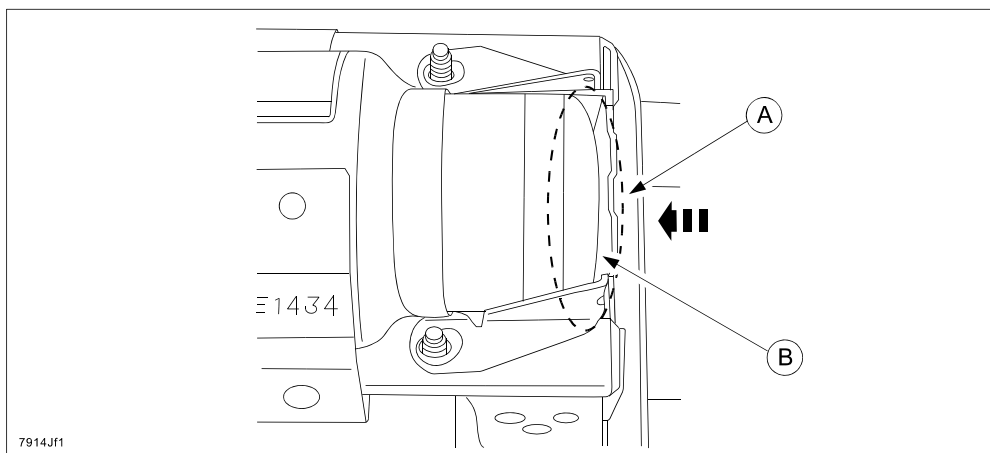
6. Insert the modified inflator from the opposite side of where the white identification tape (A) is located.



7. Insert the inflator up to the position where it touches the stopper (B), aligning the D-shape end of the inflator with the stopper opening (A).



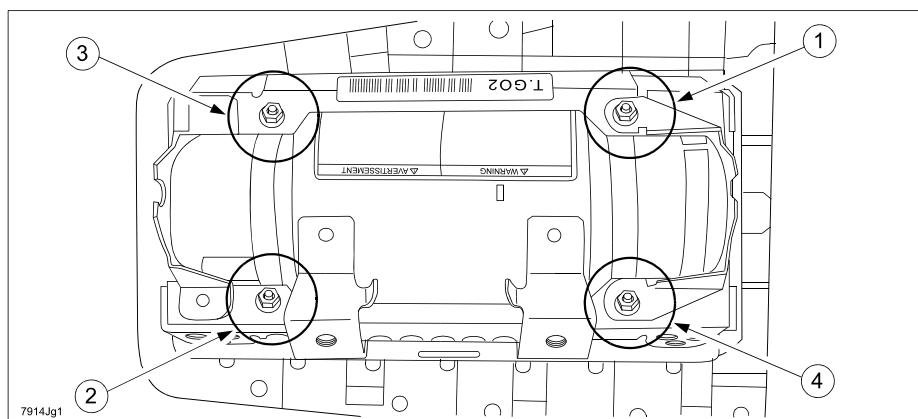
8. Set the new stopper plate (A) by gently pushing until it touches with the inflator side (B).



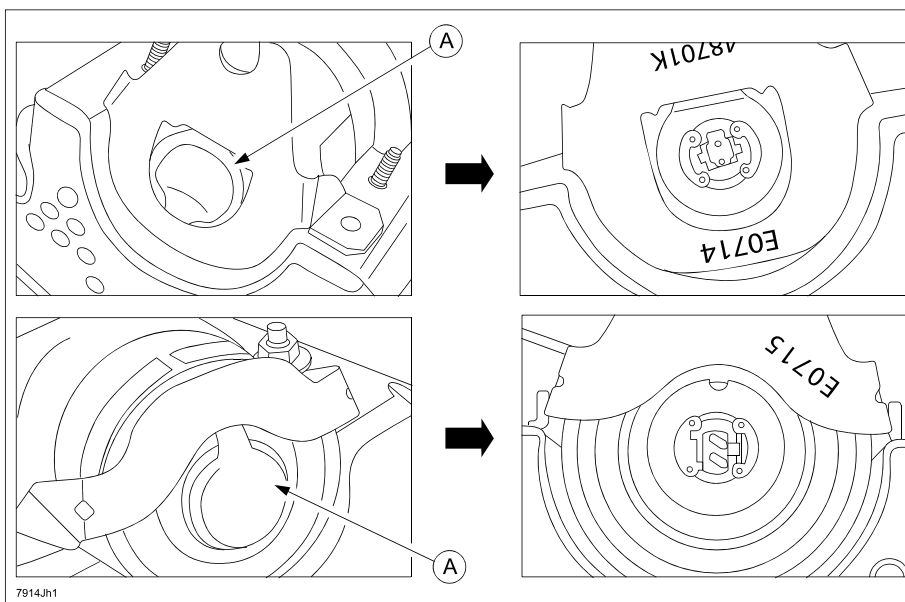
9. Keeping the position above, hand tighten the four (4) new nuts.

10. Tighten the four (4) new nuts to the specified torque in the order shown below (1, 2, 3, 4).

Tightening Torque: 35 +/- 1.8 in-lbf. {39.8 +/- 2.0 kgf-cm, 3.9 +/- 0.4 Nm}

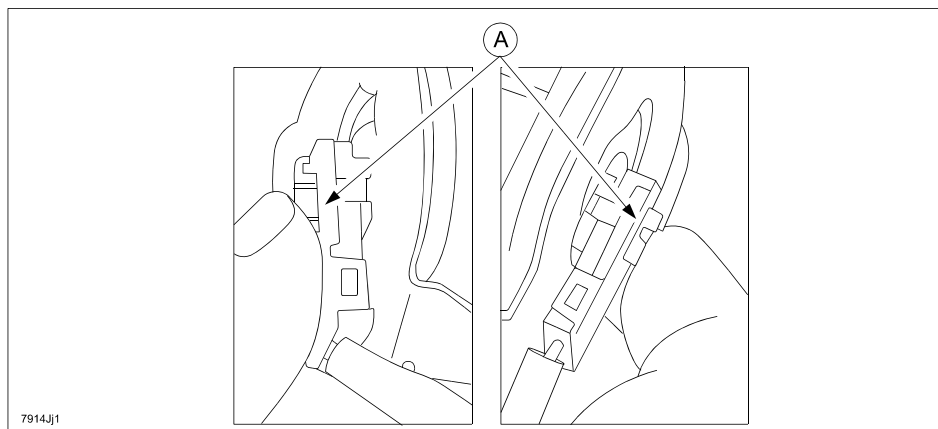


11. Remove the seal (A) from the end of the inflator on both sides.



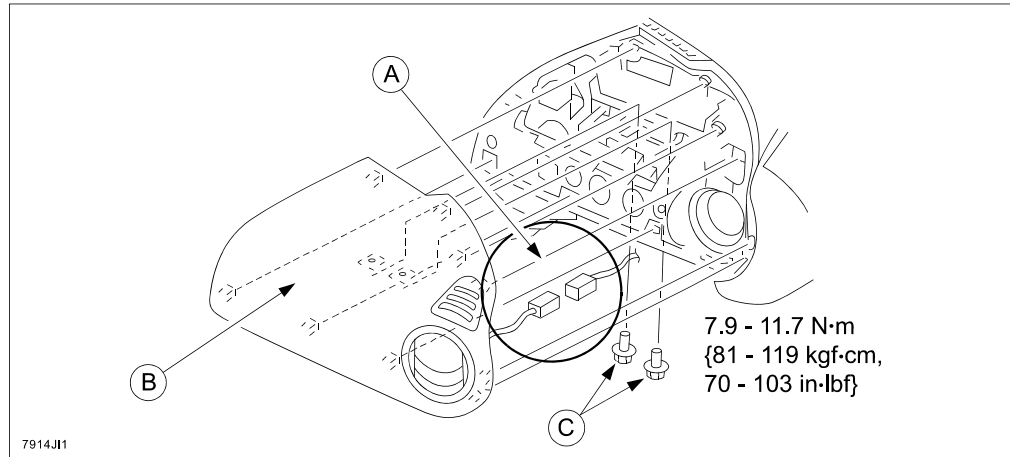
12. Re-connect the connectors to the air bag module.

13. Securely lock the connectors by depressing the stoppers on the back of the connector (A).



Air Bag Module Reinstallation:

1. Re-connect the connector (A), then install the air bag module (B) and the bolts (C).
Tightening Torque: 70 - 103 in-lbf. {81 - 119 kgf-cm, 7.9 - 11.7 Nm}



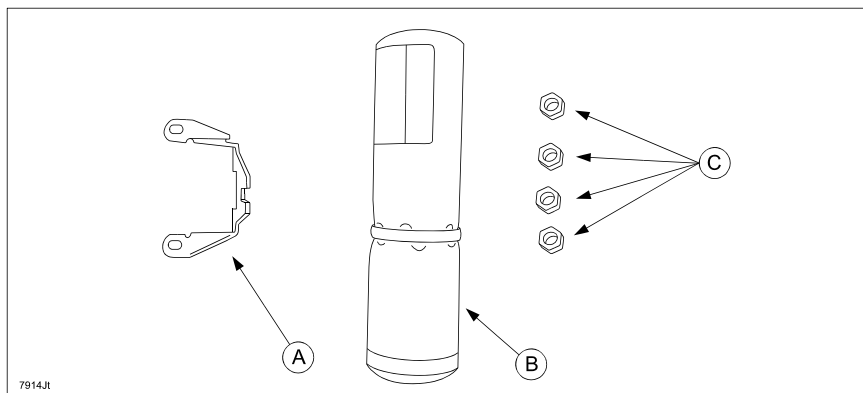
2. Reinstall the glove box.
3. Reconnect the negative battery cable.
4. Turn the ignition switch to the ON position.
5. Verify that the air bag system warning light illuminates for approx. 6 sec., then goes out.

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 MS3 online or the Workshop Manual (section 08 Restraints).

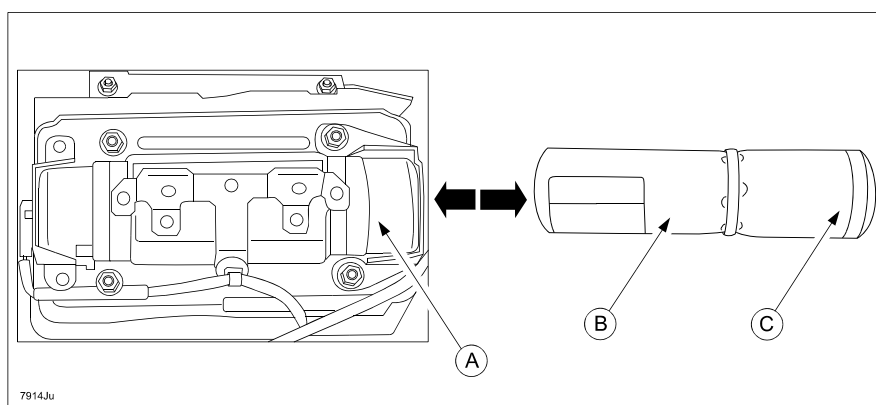
6. Re-enter the customer's preset radio stations.
7. Proceed to "C. CAMPAIGN LABEL INSTALLATION".

2004-2006 MPV:**Passenger-Side Air Bag Inflator Replacement Procedure:**

Parts information: The service parts are available in one box [Stopper plate (A), Inflator (B), and 4 Nuts (C)]

**Outline:**

1. Remove the inflator from the passenger-side air bag module (A), then replace it with a modified one (B) identified with a white stripe (C).

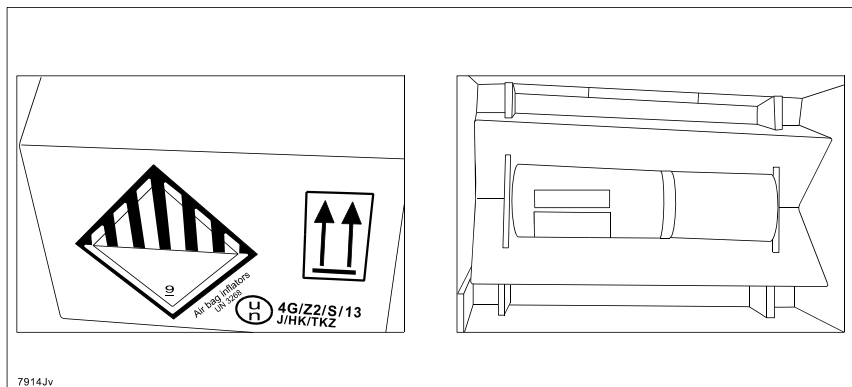


2. Pack and return the removed inflator as follows:

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

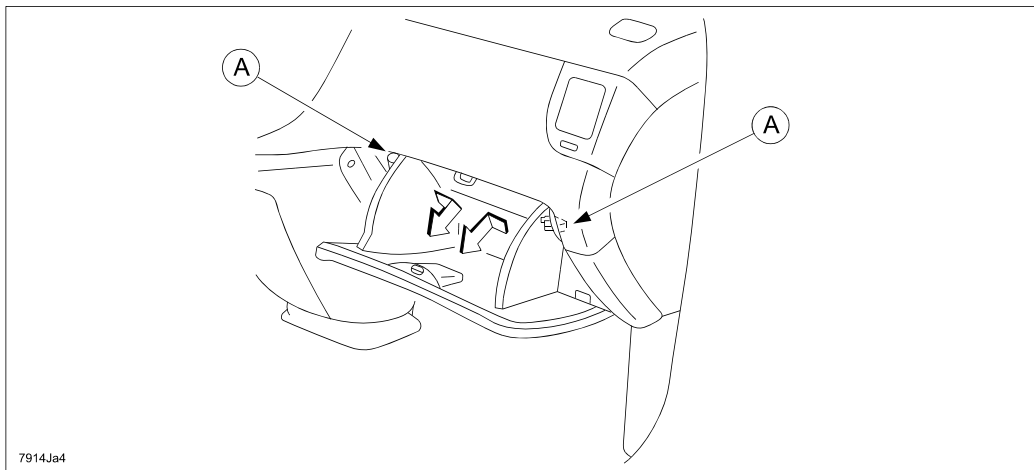
CAUTION:

- 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.

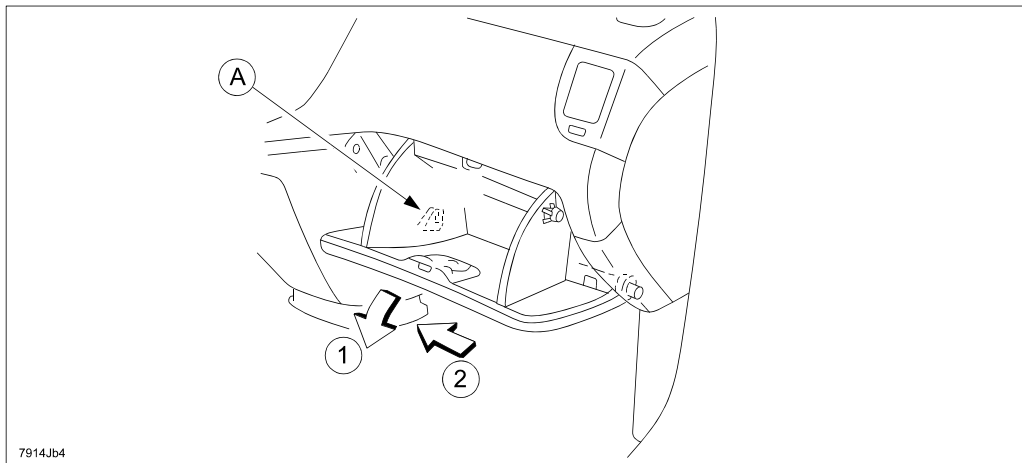


Air Bag Module Removal:**WARNING:**

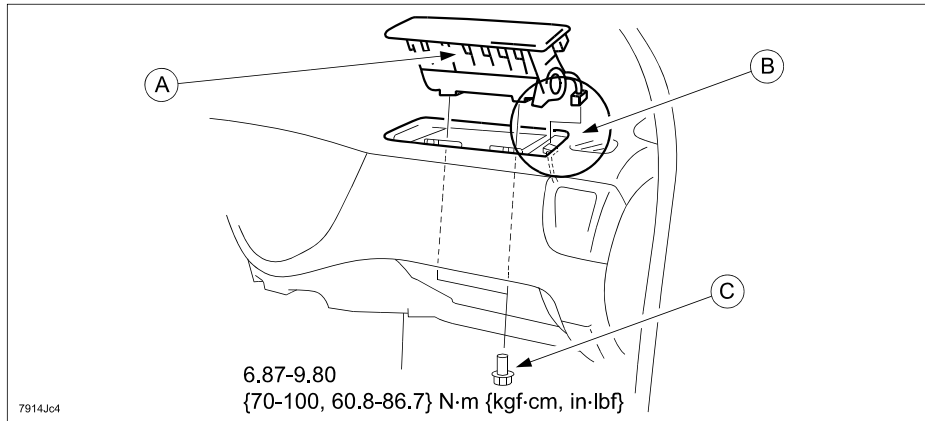
- Perform the replacement in a clean environment. Oil, grease, water, etc. on components may cause the air bag modules to fail to deploy in an accident, which may cause serious injury. Do not allow oil, grease, water, etc., on components.
 - Inserting a screwdriver, etc., into the connector of an air 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 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. Record the customer's preset radio stations.
 3. Disconnect the negative battery cable and wait for one (1) minute or more.
 4. Remove the glove compartment.
 - a. Bend the stoppers inward (A), then remove.



- b. Pull the glove compartment toward you while pushing it downward (1), then remove clip (A).
- c. Slide the glove compartment toward driver's side door (2).



5. Remove the air bag module (A).
 - a. Disconnect the connector (B).
 - b. Remove the bolts (C).



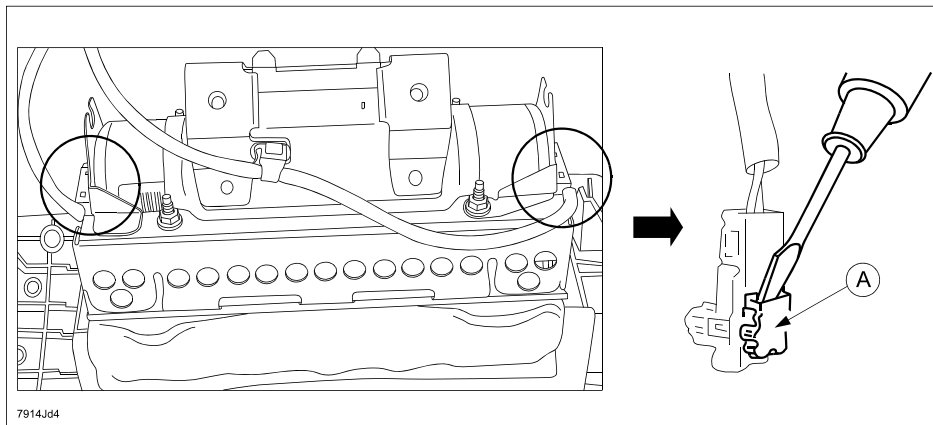
6. Lay a protective cloth on the work bench, then place the air bag module on it to avoid any damage or scratches to the surface.

Inflator Replacement:

CAUTION:

- Be careful when prying out the stopper plate. Otherwise, damage to the stopper plate could occur. Or if it pops off and is lost, it is not available as a separate part.
- The stopper plate must be pryed up before disconnecting the connector. Otherwise, the connector could be damaged if trying to disconnect it with the stopper plate engaged.
- Use extreme care when disconnecting the connector. Otherwise, damage to the connector could occur.

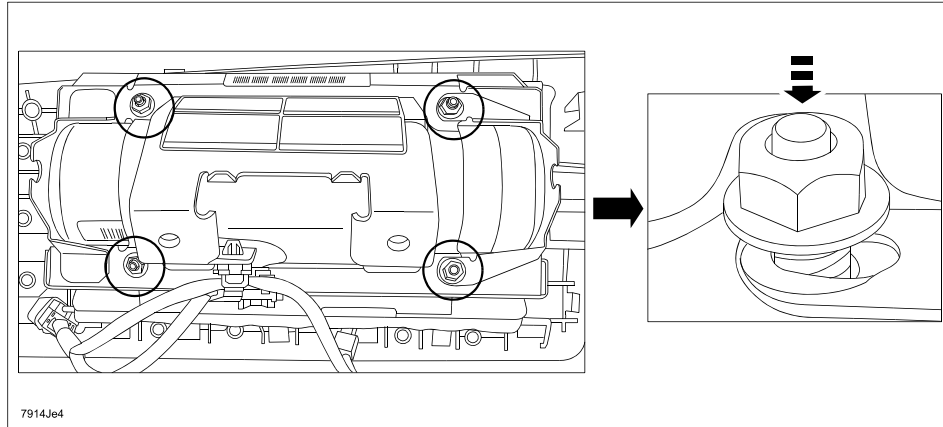
1. Using a flathead screwdriver, pry out the connector stopper plate (A), then disconnect the connector.



2. Loosen four (4) nuts until the upper surface of the nuts are aligned with the top edge of the screw thread.

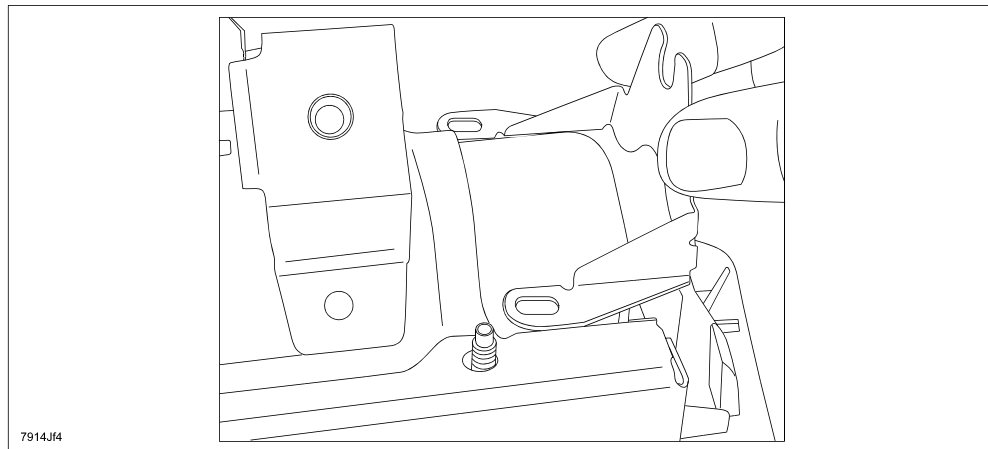
3. For easier inflator removal, depress the four (4) nuts and make a gap between the inflator and air bag module.

NOTE: Do not depress excessively as the module body may detach.



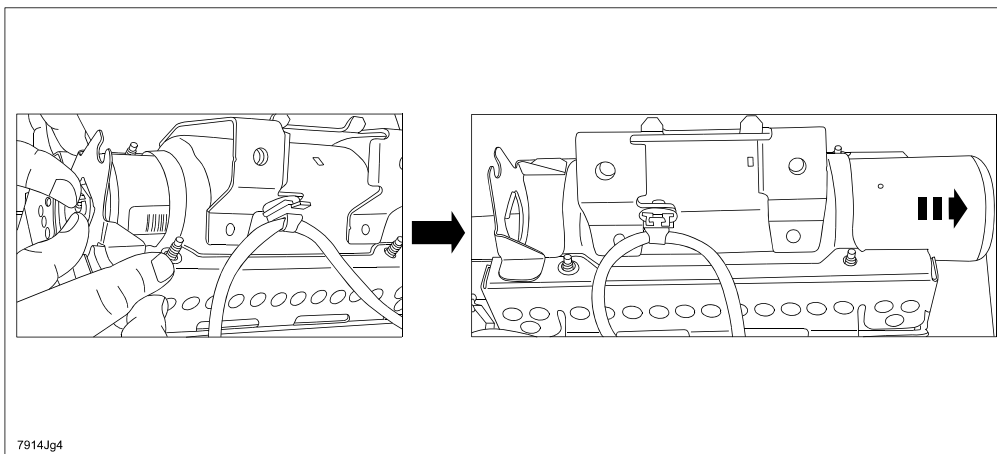
4. Remove the four (4) nuts, then remove the stopper plate from the air bag module.

NOTE: Discard all of the nuts and stopper plate.

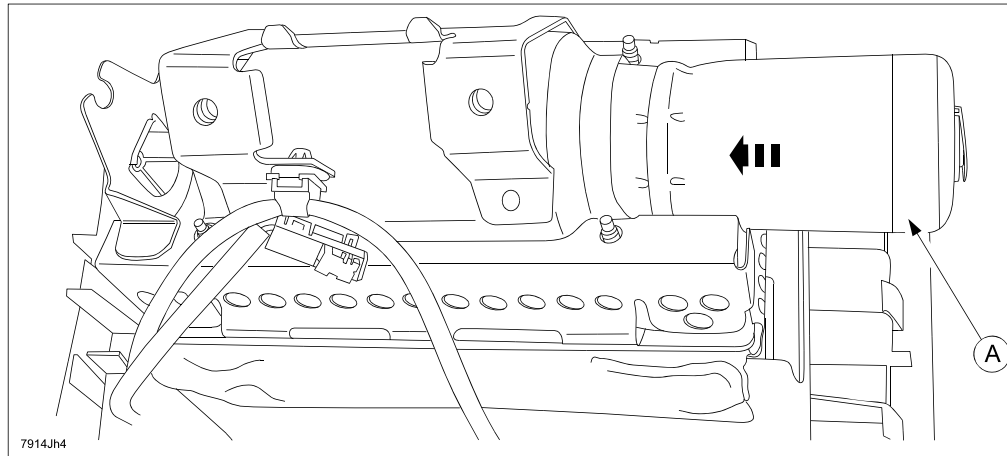


5. Push the inflator end with fingers, then remove it by sliding it in the direction shown.

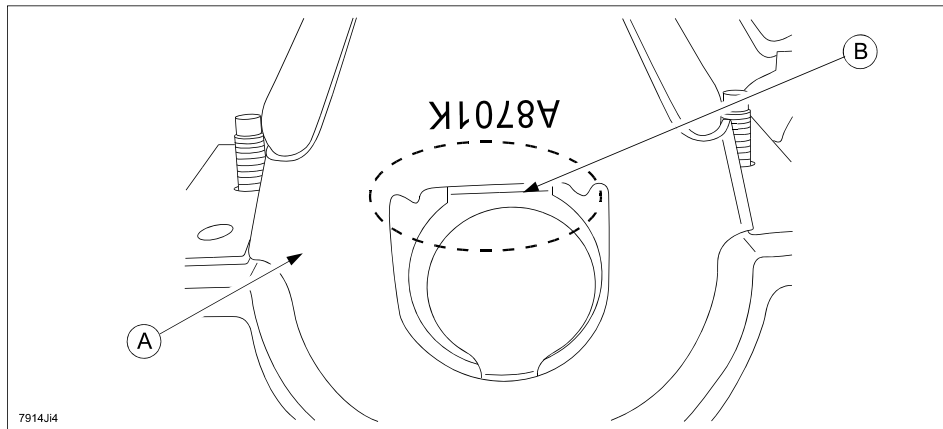
IMPORTANT: Return the removed inflator in the same carton in which the new part was received. Carefully follow the packing and shipping instructions included in the carton and make sure the part number of the replacement part is GLYA-57-K80.



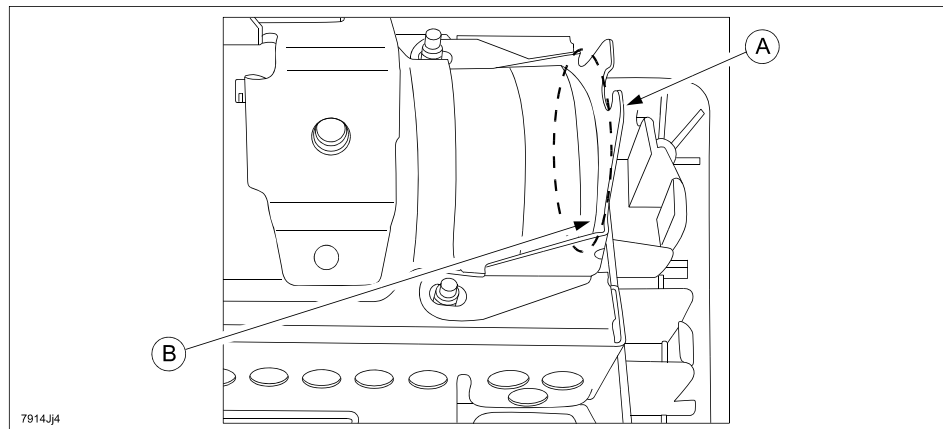
6. Insert the modified inflator from the opposite side of where the white identification tape (A) is located.



7. Insert the inflator up to the position where it touches the stopper (A), aligning the D-shape end of the inflator with the stopper opening (B).



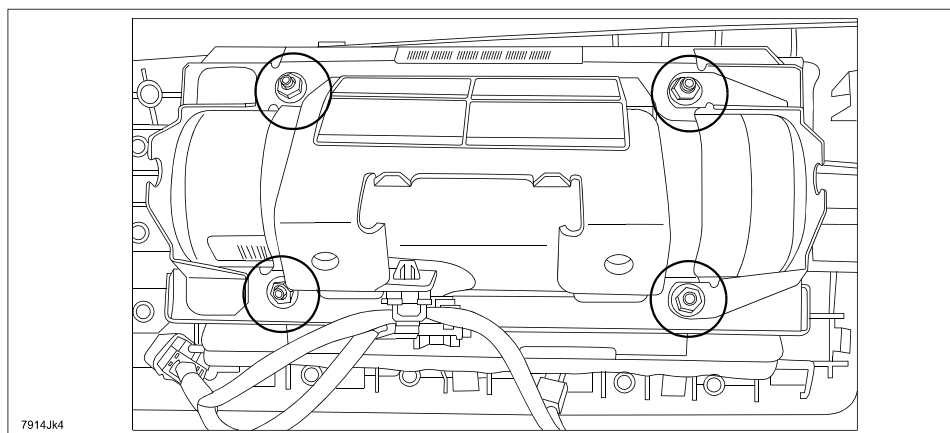
8. Set the new stopper plate (A) by gently pushing until it touches with the inflator side (B).



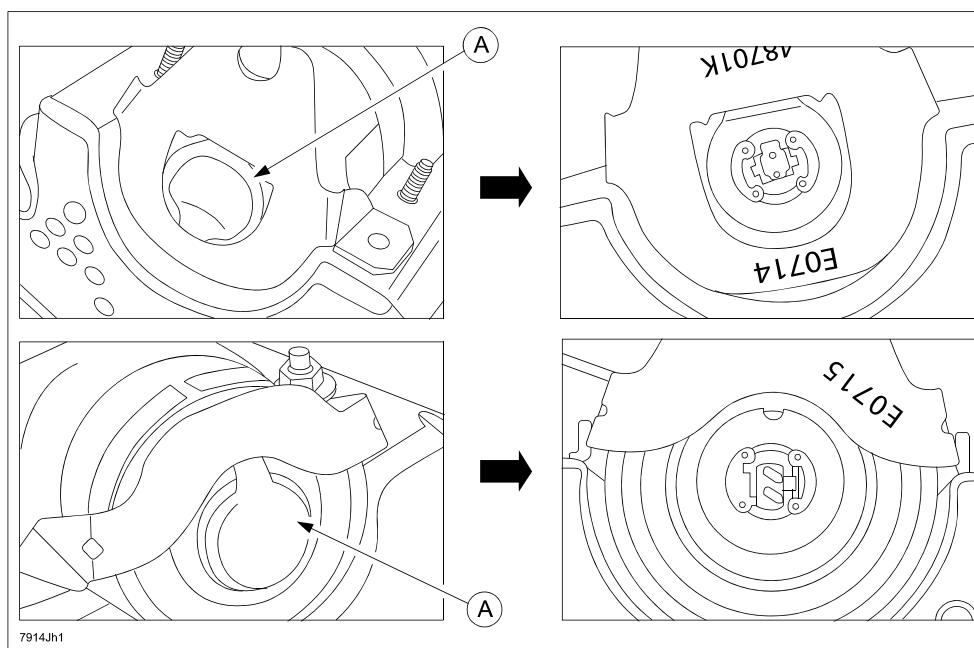
9. Keeping the position above, hand tighten the four (4) new nuts.

10. Tighten the four (4) new nuts to the specified torque in the order shown below (1, 2, 3, 4).

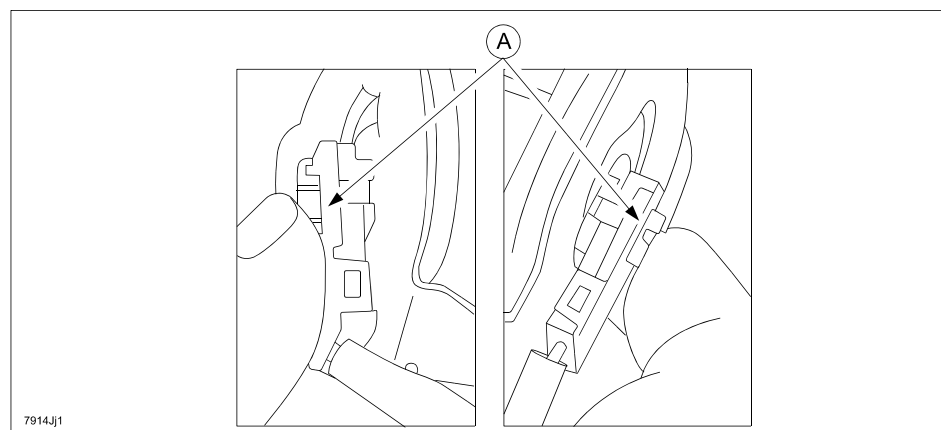
Tightening Torque: 35 +/- 1.8 in-lbf. {39.8 +/- 2.0 kgf-cm, 3.9 +/- 0.4 Nm}



11. Remove the seal (A) from the end of the inflator on both sides.

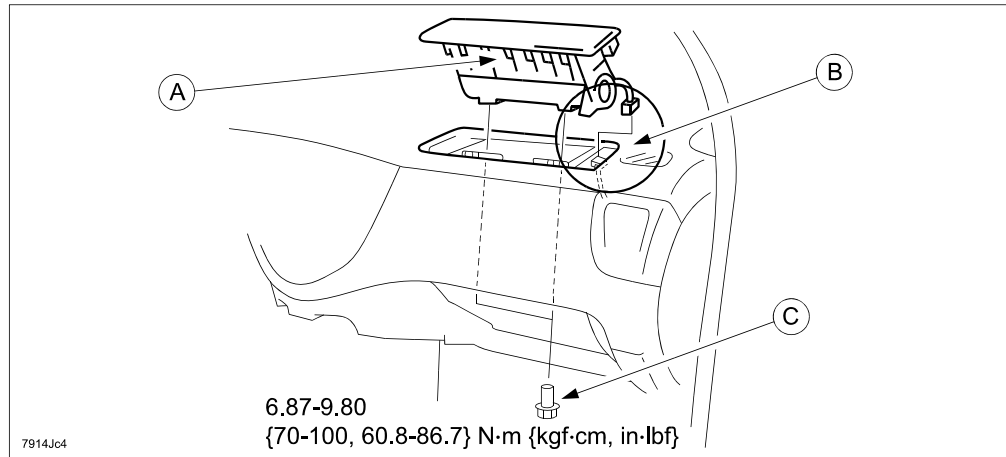


12. Securely lock the connectors by depressing the stoppers on the back of the connector (A).

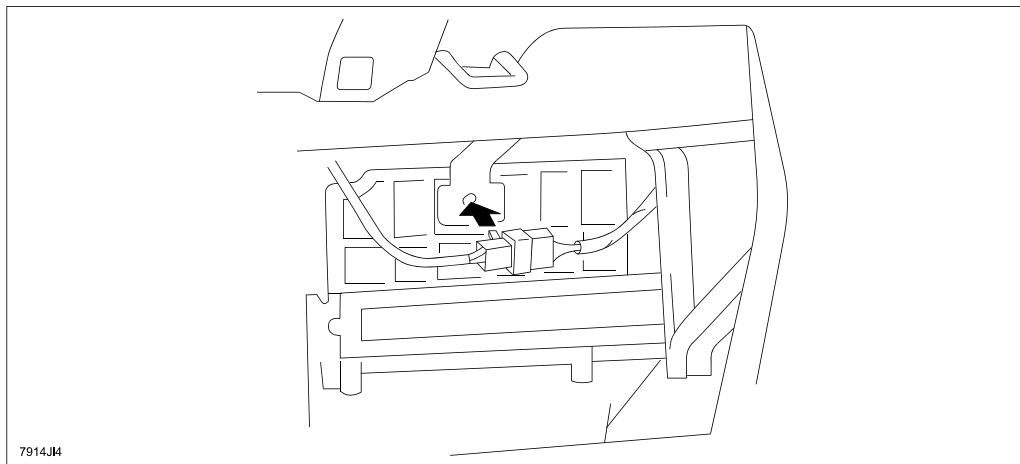


Air Bag Module Reinstallation:

1. Re-connect the connector (B), then install the air bag module (A) and the bolt (C).
Tightening Torque: 60.8 - 86.7in-lbf. {70 - 100 kgf-cm, 6.8 - 9.8 Nm}



2. Install the connector as shown.



3. Reconnect the negative battery cable.
4. Turn the ignition switch to the ON position.
5. 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 MS3 online or the Workshop Manual (section 08 Restraints).

6. Reinstall the glove box.
7. Re-enter the customer's preset radio stations.
8. Proceed to "C. CAMPAIGN LABEL INSTALLATION".

C. CAMPAIGN LABEL INSTALLATION

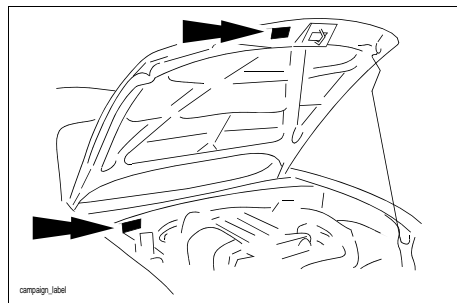
1. Fill out a blue "Campaign Label" (9999-95-065A-06) with Campaign No: "9416E", your dealer code, today's date.

CAMPAIGN LABEL	
CAMPAIGN NO:	_____
DEALER CODE:	_____
DATE:	__ / __ / __

P/N 9999-95-065A-06

1326b

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



3. Return the vehicle to customer.



zoom-zoom

IMPORTANT SAFETY RECALL

Passenger Air Bag Inflator Replacement – Safety Recall 9416E

National Highway Traffic Safety Administration (NHTSA) Campaign No. 16V-354

July 2016

20xx Mazda ModelName

VIN _____

Dear John Smith:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

Mazda Motor Corporation has decided that a defect which relates to motor vehicle safety exists in 2003-2008 Mazda6, 2006-2007 Mazdaspeed6, 2004-2006 MPV, and 2004-2011 RX-8 vehicles. **If you are a recipient of this notice, your vehicle is included in this Safety Recall.** You may have received a previous notice for an interim repair. This recall is for the final repair, and replaces the previous recall.

What is the problem?

In the subject vehicles, continued exposure to high levels of absolute humidity may cause the passenger frontal air bag inflator housing to rupture and deploy abnormally in the event of a crash necessitating deployment of the passenger frontal air bag. **An inflator rupture could result in metal fragments striking the driver or other vehicle occupants, resulting in serious injury or death. It is extremely important to schedule this repair as soon as possible, to ensure your safety and the safety of your passengers.**

What will Mazda do?

Your Mazda dealer will replace the passenger frontal air bag inflator with a new one, **free of charge**. The repair should take less than one hour to complete; however, it may take longer.

TO SCHEDULE THIS IMPORTANT RECALL REPAIR:

- **Make a dealer appointment online at www.MazdaRecallInfo.com**
- **Or contact your Mazda dealer by phone**

To locate your closest Mazda dealer, go to www.MazdaRecallInfo.com or call (800) 222-5500, option #4.

Mazda will provide alternate transportation when your vehicle is at an authorized Mazda dealership for a recall repair. To be eligible for alternate transportation, you must schedule an appointment with any authorized Mazda dealer so that they can discuss and accommodate your needs.

What should you do?

Please make an appointment with any authorized Mazda dealer to have the airbag inflator replaced as soon as possible. You can make a dealer appointment online at

www.MazdaRecallInfo.com. *Until this repair is performed, do not allow passengers to ride in the front passenger seat.* Making an appointment provides the dealer the opportunity to reserve the necessary part for your repair and plan their service activity, thus minimizing your wait time and inconvenience this recall may cause you. You do not need to bring this notice to the dealer, but it may assist in the check-in process.

If you have not done so already, please provide your contact information, such as a mobile phone number or email address, to our customer Experience Center (800) 222-5500, option #4, or your dealer so we have additional contact information and can reach you. This information will not be used for marketing purposes and we will not share this information with anyone else.

Where is the closest Mazda dealer?

To locate your nearest Mazda dealer, visit our website www.MazdaRecallInfo.com, consult your local yellow pages, or call our customer Experience Center (800) 222-5500, option #4.

Moved or no longer own this vehicle?

If you have moved or no longer own your Mazda vehicle, please complete the enclosed prepaid *Information Change Card* as soon as possible. This enables us to update our records and notify the current owner.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Still have questions?

If you have any questions regarding this vehicle recall, visit our website www.MazdaRecallInfo.com. If you still have questions, contact our **Customer Experience Center at (800) 222-5500, option #6**.

If Mazda or its dealers do not repair the defect free of charge and within a reasonable amount of time, you may notify the Administrator of the National Highway Traffic Safety Administration, 1200 New Jersey Ave., SE., Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

Your safety is our first priority at Mazda. We apologize for any inconvenience this recall may have caused you.

As a reminder, you can always go to www.MazdaRecallInfo.com and enter your VIN to view recalls and service campaigns that apply to your vehicle.

Sincerely,

Mazda North American Operations



zoom-zoom

IMPORTANT SAFETY RECALL- PRELIMINARY NOTIFICATION

Passenger Air Bag Inflator Replacement – Safety Recall 9416E

National Highway Traffic Safety Administration (NHTSA) Campaign No. 16V-354

July 2016

20xx Mazda Modelname
VIN _____

Dear *John Smith*:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

Mazda Motor Corporation has decided that a defect which relates to motor vehicle safety exists in 2003-2008 Mazda6, 2006-2007 Mazdaspeed6, 2004-2006 MPV, and 2004-2011 RX-8 vehicles. **If you are a recipient of this notice, your vehicle is included in this Safety Recall.** You may have received a previous notice for an interim repair. This recall is for the final repair, and replaces the previous recall.

What is the problem?

In the subject vehicles, continued exposure to high levels of absolute humidity may cause the passenger frontal air bag inflator housing to rupture and deploy abnormally in the event of a crash necessitating deployment of the passenger frontal air bag. An inflator rupture could result in metal fragments striking the driver or other vehicle occupants, resulting in serious injury or death.

What will Mazda do?

Parts are not available at this time. When parts are available for your vehicle, we will send you another notification informing you to bring your vehicle to your Mazda dealer to have the passenger frontal air bag inflator replaced, free of charge.

Investigations conducted by the National Highway Traffic Safety Administration (NHTSA) and independent investigators have concluded that time, temperature, and humidity contribute to significant air bag propellant degradation, which can lead to high risk of inflator rupture in the event of a crash necessitating air bag deployment. Due to limited parts supply, this recall repair will be carried out in phases, with older vehicles in (or ever registered in) geographical areas with consistent high absolute humidity given first priority.

What should you do?

Please wait until you receive another letter from Mazda notifying you that replacement parts for your vehicle for this repair are available. ***Until this repair is performed, do not allow passengers to ride in the front passenger seat.*** If you have not done so already, please provide your contact information, such as a mobile phone number or email address, to our customer Experience Center (800) 222-5500, option #4, or your dealer so we have additional contact information and can reach you. This information will not be used for marketing purposes and we will not share this information with anyone else.

Where is the closest Mazda dealer?

To locate your nearest Mazda dealer, visit our website www.MazdaRecallInfo.com, consult your local yellow pages, or call our customer Experience Center (800) 222-5500, option #4.

Moved or no longer own this vehicle?

If you have moved or no longer own your Mazda vehicle, please complete the enclosed prepaid *Information Change Card* as soon as possible. This enables us to update our records and notify the current owner.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Still have questions?

If you have any questions regarding this vehicle recall, visit our website www.MazdaRecallInfo.com. If you still have questions, contact our **Customer Experience Center at (800) 222-5500, option #6.**

If Mazda or its dealers do not repair the defect free of charge and within a reasonable amount of time, you may notify the Administrator of the National Highway Traffic Safety Administration, 1200 New Jersey Ave., SE., Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

Your safety is our first priority at Mazda. We apologize for any inconvenience this recall may have caused you.

As a reminder, you can always go to www.MazdaRecallInfo.com and enter your VIN to view recalls and service campaigns that apply to your vehicle.

Sincerely,

Mazda North American Operations

NOTE

NOTE: Non DDS Dealers and International (including Mexico and Canada), Hawaii, Alaska, Puerto Rico, and US Virgin Islands dealers CANNOT follow below shipping instructions. Instead, dealerships in these locations MUST contact the following Takata/XPO USA representative directly for shipping instructions: Miguel Prigadaa – Tel #: 210-250-5078 or Email: MLGTakataRestraints_International@menlowworldwide.com.

NOTE: For DDS Dealers in the Continental US 48 State dealerships, please follow steps 1-8 below.

- Specific to Step 4 below:
 - Follow step 4a if you receive the updated NON-FedEx label. Proceed to step 5.
 - Follow step 4b if you receive the FedEx label. Proceed to step 5.

1. Shipping Documents

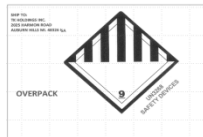
a) Box Label

- Supplied with each Kit
- To be affixed to each box



b) Over-pack Label

- To be supplied by XPO.
- To be affixed to the outside of each pallet



c) Bill of Lading

- To be supplied by XPO.
- Print 2 copies: 1 for Dealer Records, 1 for LTL Driver



d) ERG Document

- To be supplied by XPO.
- To be provide by the Dealer to the LTL Driver for each shipment



2. Packing Instructions

a) Confirm box is in acceptable condition. If a new box is needed, follow the New Box instructions located in Box 8 of this page.

b) Place the un-deployed air bag inflator in the "cradle" of the box insert.



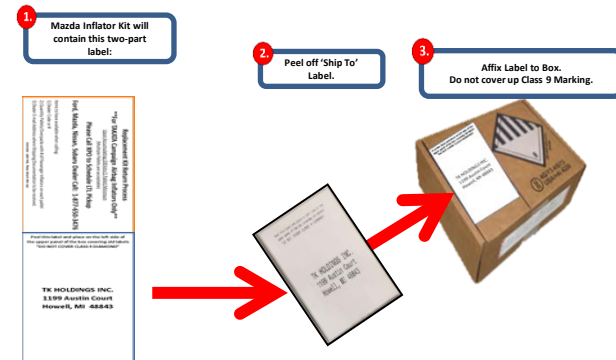
3. Closure Instructions

a) Close the top box flap, per box closure instructions located on front panel of box.



4a. Shipping Instructions - Label each Box

a) New Labels will begin shipping in each kit starting mid August, 2015



4b. Shipping Instructions – Label each Box

a) If you continue receiving Inflator Kits with the original Fedex Documentation:

1. Peel off the backing of the Fedex Ground PRP Shipping label and affix to top of box to left of the Class 9 label.
 - Use the scribe line on the box as a guide
 - The FedEx Ground PRP Shipping label must not touch any portion of the printing to the right of the scribe line.
2. Discard the remaining Documentation
3. Do Not contact FedEx



5. Shipping Instructions – Prepare the Pallet

- Accumulate and palletize Kits
- Arrange Kits on Pallet as pictured here
 - 20 boxes per row/layer (5x4)
 - 10 rows/layers per pallet (200 boxes)
- Shrink-wrap Kits to Pallet
- Affix Over-pack Label on (1) side of Pallet (Not on Top)



6. Shipping Instructions – Schedule LTL Pickup

- Upon Accumulating 200 kits (1 Over-pack/Pallet) Minimum
 - Call XPO at 1-877-650-3476
 - If 200 Kits have not been accumulated in 30 days, please call XPO for direction
- Have the following Information Available
 - Dealer #
 - Quantity of Over-packs/Pallets
 - Quantity of Passenger Inflator Kits on each Pallet
 - Email Address where shipping Documentation can be received

7. Shipping Instructions – Ship

- Give 1 Copy of BOL and 1 Copy of ERG to Driver
- Retain 1 Copy of BOL for Dealership records and archive for 2 Years

8. Requesting a New Box / Shipping Labels

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

Primary Contact: **Armando Gonzalez - Tel #: 210-250-5079**

E-Mail: FieldAction.14305@menlowworldwide.com

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

- Serial number on the original box
- What Type of shipping material needed
 - Replacement Box
 - Two Part Return Label
 - Bill of Lading
 - ERG Form
- Dealer Shipping Information
 - Contact name
 - Dealer Address
 - Phone Number



Safety Recall 9416E
Updated July 19, 2016

These FAQs will be updated as recall conditions change.

FOR DEALERS ONLY

Q1. What is the issue?

- A. As a result of Takata's frontal air bag inflator recall expansion, Mazda is expanding the affected vehicles involved in passenger frontal air bag inflator recall. The expansion applies to Takata ammonium nitrate-based propellant front air bag inflators without a chemical drying agent, also known as a desiccant. For Mazda vehicles, this applies only to passenger frontal air bag inflators in certain models and model years listed below.

Q2. How many vehicles are affected?

- B. The total population of U.S. vehicles in Safety Recall 9416E for Phase 1 is 445,627.

- 2004 - 2006 MPV
- 2004-2011 RX-8
- 2003-2008 Mazda6
- 2006-2007 Mazdaspeed6

None of the 2016 model year Mazda vehicles contain Takata driver or passenger frontal air bag inflators.

Q3. What about the other air bag inflators in Mazda vehicles?

- A. Takata has not supplied ammonium nitrate-based propellant inflators to Mazda for other applications, including side curtain, side impact, or seatbelt pre-tensioners.

Q4. Does recall 9416E replace any existing Takata recall?

- A. **Safety Recall 9416E** replaces recalls 9015L and 8114L. Under this recall, dealers will install permanent remedy parts.

Q5. When will parts be available for the new recalls?

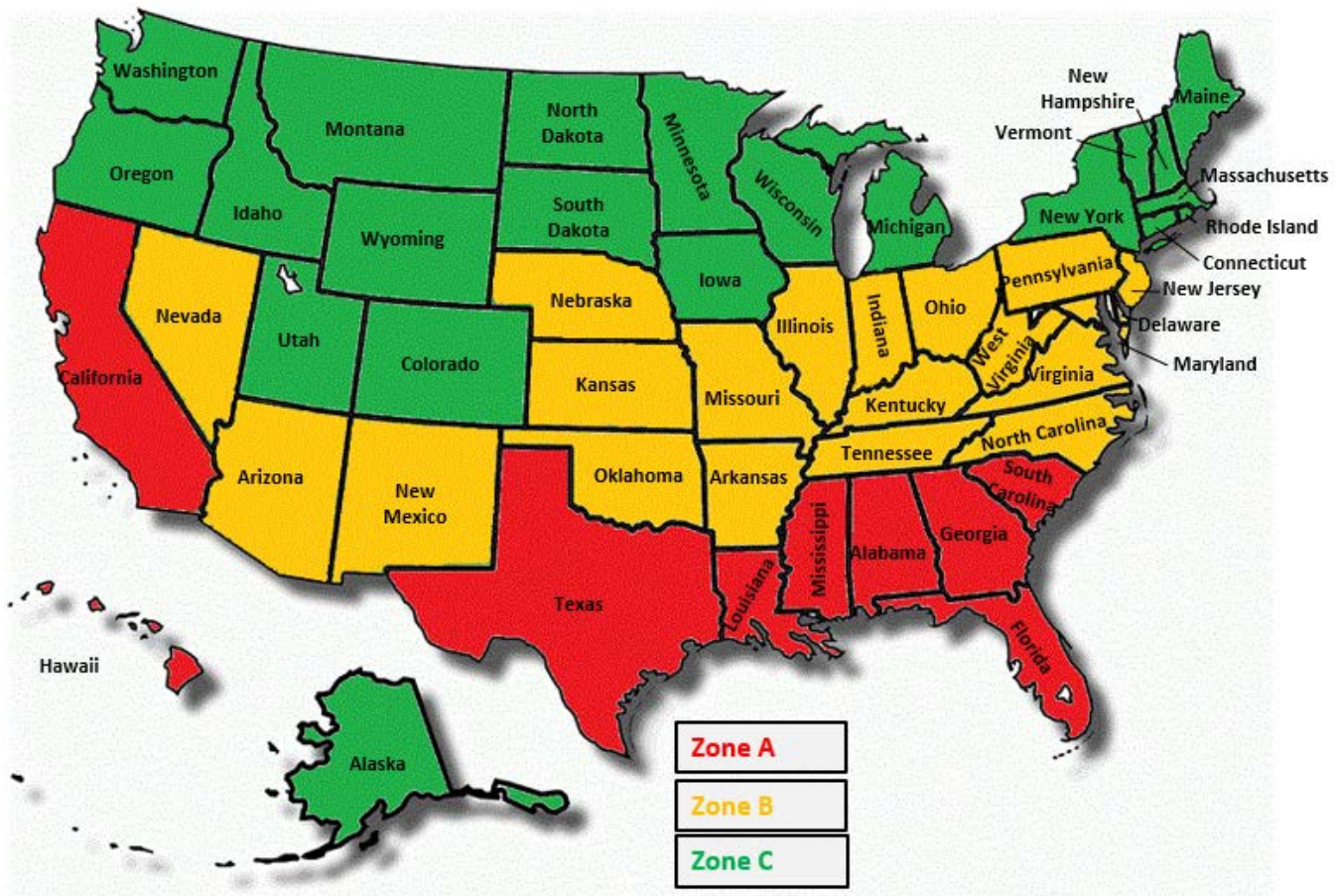
- A. Owners in Zone A will receive a 'Parts Available' letter in July 2016.

Owners in Zones B and C will receive a 'Parts not yet available' letter. Additional parts will become available in the coming months, owners will receive another letter from Mazda letting them know replacement parts for their vehicle are now available.

The map below indicates the states in each Zone.

Safety Recall 9416E
Updated July 19, 2016

These FAQs will be updated as recall conditions change.



Zone A - States with high temperature cycling and humidity (includes Puerto Rico, Guam, and Saipan). Time in service until significant propellant degradation may occur is projected at between 6-9 years.

Zone B - States that have moderate temperature cycling and humidity. Time in service until significant propellant degradation may occur is projected at between 10-15 years.

Zone C - States with lower temperature cycling and humidity. Time in service until significant propellant degradation may occur is projected at between 15-20 years.

NHTSA has structured this expansion with 5 phases and 3 geographic zones, based on temperature and absolute humidity factors in each Zone, and analysis of expected rate of inflator degradation. Time, temperature, and humidity have been found by NHTSA and independent investigations to contribute to significant propellant degradation, which can lead to high risk of inflator rupture.

Safety Recall 9416E
Updated July 19, 2016

These FAQs will be updated as recall conditions change.

IMPORTANT NOTE: Certain vehicles in Zones B and C are not included in Zone A in this first phase of the expansion, based on NHTSA's schedule requirements. They will eventually be included in later phases as follows:

	Defect Information Report Dates	Zone A Greatest TCAH*	Zone B Moderate TCAH*	Zone C Lower TCAH*
Takata DIR #1 (Phase 1)	May 16, 2016	MY 2011 and older vehicles	MY 2008 and older vehicles	MY 2004 and older vehicles
Takata DIR #2 (Phase 2)	Dec 31, 2016	MY 2012 and older vehicles	MY 2009 and older vehicles	MY 2008 and older vehicles
Takata DIR #3 (Phase 3)	Dec 31, 2017	MY 2013 and older vehicles	MY 2010 and older vehicles	MY 2009 and older vehicles
Takata DIR #4 (Phase 4)	Dec 31, 2018	All remaining vehicles not currently under recall		
Takata DIR #5 (Phase 5)	Dec 31, 2019	All vehicles receiving like-for-like replacement inflators		

* TCAH - Temperature cycling and Humidity