

[X] PARTS MANAGER

SUBJECT:

LANCER PASSENGER SIDE FRONTAL AIR BAG **INFLATOR – SAFETY RECALL CAMPAIGN**

[X] GENERAL MANAGER

[X] SERVICE MANAGER

No: SR-16-002 DATE: July, 2016 MODEL: 2006-07 Lancer [X] TECHNICIAN [X] WARRANTY PROCESSOR [X] SALES MANAGER

PURPOSE

CIRCULATE TO:

This campaign bulletin instructs dealers to replace the passenger side frontal air bag inflator with a dessicated one, and return the subject air bag inflator per the instructions at the end of this bulletin.

BACKGROUND

[X] SERVICE ADVISOR

Based upon a Defect Information Report submitted to the National Highway Traffic Safety Administration by TK Holdings (Takata), MMNA is recalling certain 2006–2007 Lancer vehicles.

Affected vehicles are equipped with a specific type of passenger side frontal air bag inflator provided by Takata that could be susceptible to rupture, due to excessive internal pressure, during a normal air bag deployment event. This condition is more likely to occur if the vehicle has been exposed to high levels of absolute humidity for an extended period of time.

AFFECTED VEHICLES

2006 - 2007 Lancer

IMPORTANT

Affected new or used inventory vehicles must be repaired before the vehicle is delivered. Dealers must check their inventory vehicles' VINs on the Warranty Superscreen to verify whether the ve-hicle is involved in this recall campaign. It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by the notification under a sale or lease until the defect or noncompliance is remedied.

CUSTOMER NOTIFICATION

A letter will be sent to all owners of affected vehicles telling them to visit their local Authorized Mitsubishi Motors dealer to have the passenger side frontal air bag inflator replaced. A sample customer notification letter appears at the end of this bulletin.

REQUIRED OPERATIONS

Before starting this campaign procedure, CHECK THE WARRANTY SUPERSCREEN to verify if the vehicle is an affected VIN for this campaign and that this campaign procedure has not already been completed.

REQUIRED EQUIPMENT

- VCI (Vehicle Communication Interface) or VCI Lite MB991824 or MB992744. •
- MEDIC Laptop/Tablet with A/C power adapter 520924, or 547708.
- MUT-III main harness 'B' (red or black connector at the DLC end) MB991911 or MB992746.
- USB 2.0 cable MB991827 or MB992747.
- Scissors

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Continued

The information contained in this bulletin is subject to change. For the latest version of this document, go to the Mitsubishi Dealer Link, MEDIC, or the Mitsubishi Service Information website (www.mitsubishitechinfo.com). (4422)

REMOVAL PROCEDURE

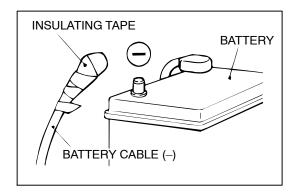
CAUTION Before starting work, and periodically while working on the vehicle, touch a metallic part of the vehicle to discharge static electricity.

WARNING Never attempt to disassemble or repair the air bag modules or clock spring. If faulty, replace it.

WARNING Do not drop the air bag modules or clock spring or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.

WARNING The air bag modules should be stored on a flat surface and facing upward. Do not place anything on top of it.

Do not expose the air bag modules to temperatures over 93° C (200° F).



1. Record the radio station presets. Disconnect the negative (–) battery terminal and insulate the terminal with electrical tape.

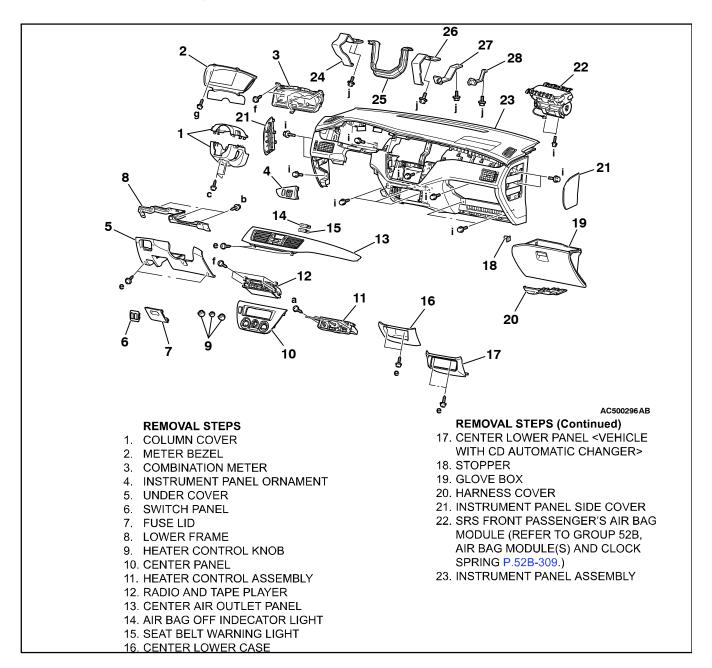
WARNING Wait at least 60 seconds after disconnecting the battery cable before doing any further work to prevent accidental air bag deployment.

WARNING Battery posts, terminals, and related accessories contain lead and lead compounds. WASH HANDS AFTER HANDLING.



2. Remove the front left and right A-pillar trims.

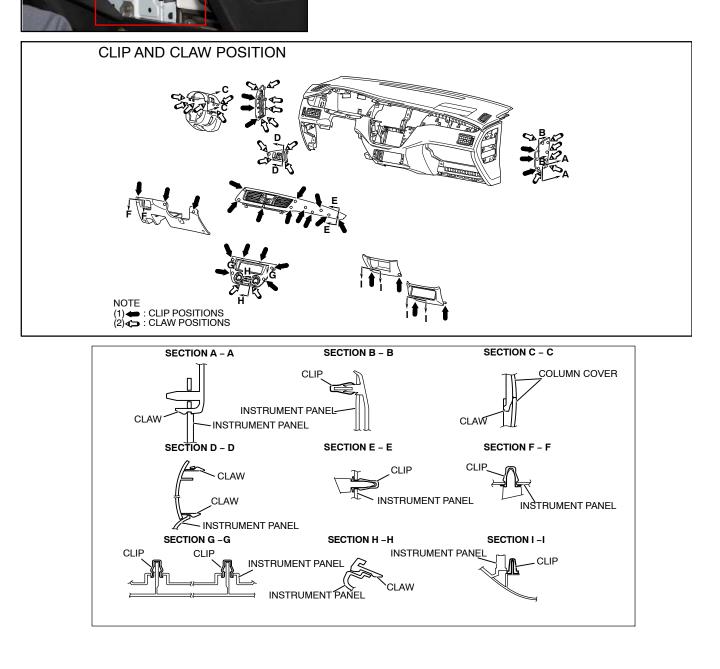
3. Remove the instrument panel.

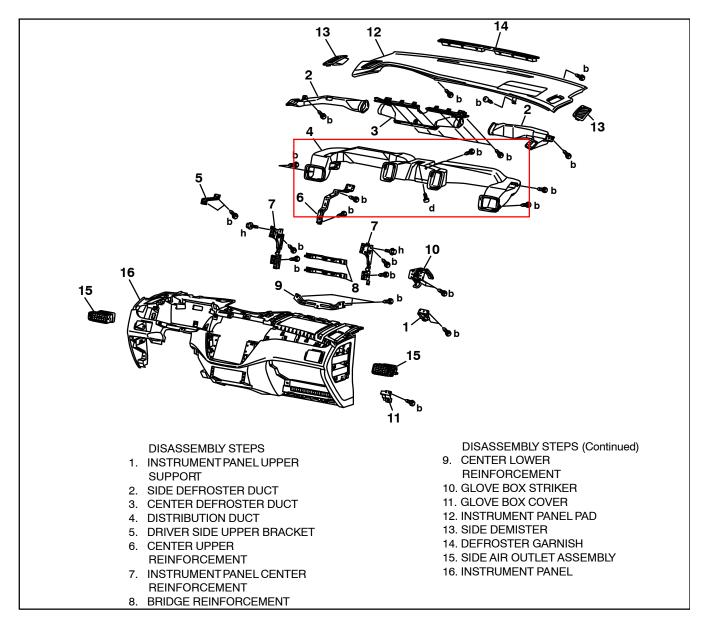




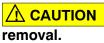
NOTE: Make sure the left and right wire harness clips, behind the radio, are disconnected prior to dash removal.

NOTE: Unbolt the ECM/PCM prior to dash removal.



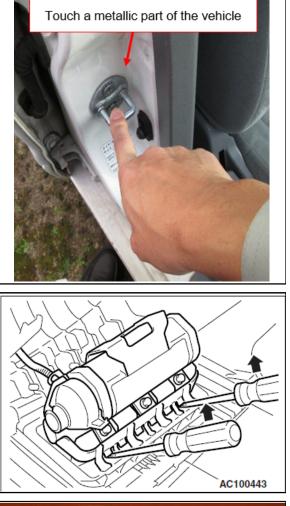


4. Remove the distribution duct from the instrument panel.



Do NOT damage the air bag or the instrument panel during air bag module

INFLATOR REMOVAL



CAUTION: ELIMINATE STATIC ELECTRICITY Before starting work, and periodically while working on the vehicle, touch a metallic part of the vehicle to discharge static electricity.

1. The front passenger side air bag module is secured to the instrument panel in a flexible plastic enclosure. Insert a flat head screwdriver and disengage the mounting hooks to dislodge the module from the enclosure.



2. Place the air bag module on a clean work bench covered with a new, clean, static—free cloth/sheet with the air bag facing down.

CAUTION The air bag module, and especially the air bag component, must be protected from adhesive, dirt, dust and sharp items.

The protective foam on the air bag module may be brittle. Ensure foam debris is immediately removed from the work area to maintain a contaminant—free work environment.

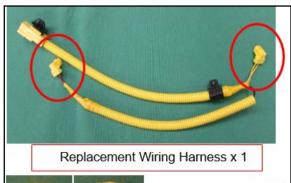


Air bag Inflator Kit Part No.: 7030A844

- a. Return shipping label and instructions for old inflator
- b. Wire harness
- c. Replacement inflator
- d. Electro tap and replacement nuts



- 3. Confirm that the following contents are included in the Air bag Inflator Kit:
 - a. (1) Replacement dessicated inflator with white tape
 - b. (4) Replacement Nuts
 - c. (1) Electro tap
 - d. (1) Replacement Wiring Harness
 - e. (1) Caution Label

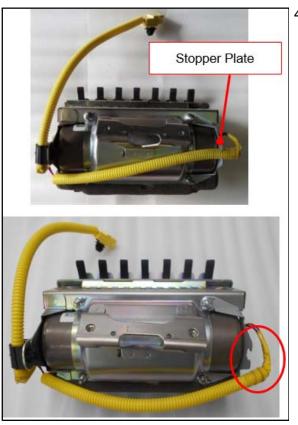


Connector shape of original harness

Connector shape of

replacement

NOTE: The replacement wiring harness' connector is different from the original connector. However, the two are compatible. The replacement wiring harness has the same function and performance as the original.

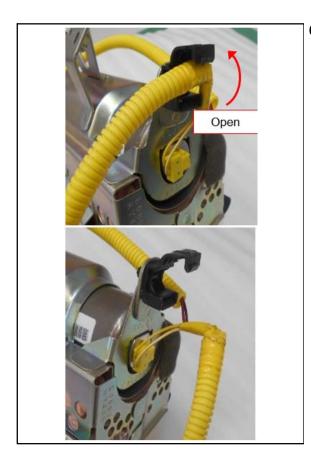


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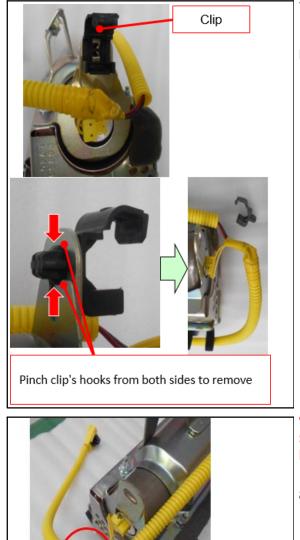
4. Unhook the corrugated tube from the Stopper Plate.

5. Insert the tip of a flat head screwdriver and open the clip.

CAUTION: Do NOT damage the harness or air bag with the screwdriver.



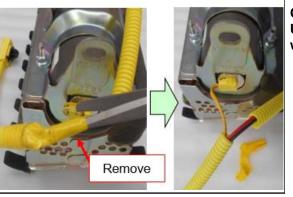
6. Open the clip and remove the harness.



- 7. Use a pliers to remove wiring clip from the bracket.
- **NOTE:** Since the wiring will not be reused, the clip is not required to be undamaged during removal.

WARNING: Strictly follow all instructions to avoid accidental air bag deployment.

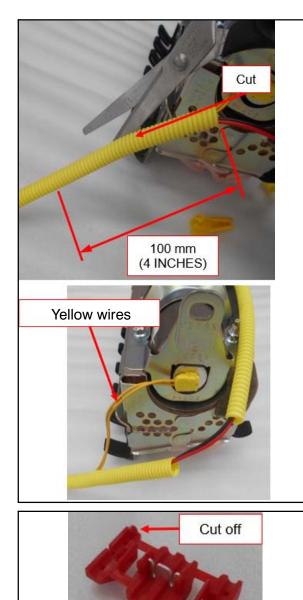
8. Remove the harness tape as illustrated.



Harness Tape

CAUTION:

Use only scissors to cut the tape. Do NOT damage the wire.



WARNING:

Strictly follow all instructions to avoid accidental air bag deployment.

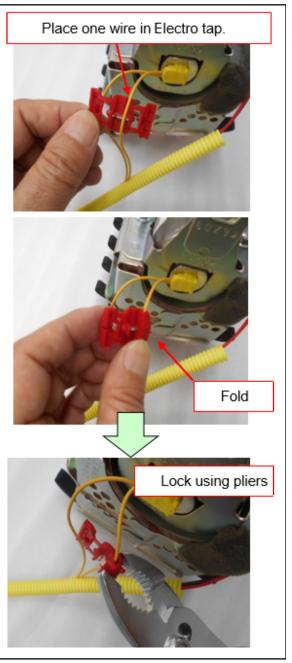
9. Use an appropriately-sized scissor to cut approximately 4 inches (100 mm) of the corrugated tube from one end as illustrated.

CAUTION:

Only use scissors to cut the corrugated tube.

10. Take the yellow wires out of the corrugated tube. Do not damage the yellow wires during this process.

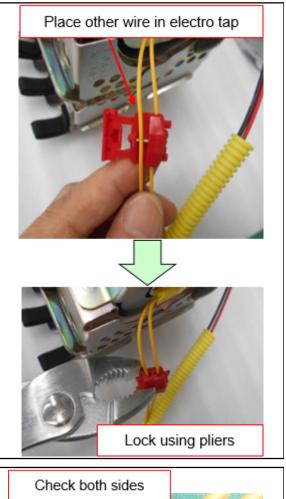
11. Using a nipper or pliers, cut the tab off of the Electro tap as illustrated.



12. Place one yellow wire in the Electro tap.

13. Hold the wire by folding the Electro tap.

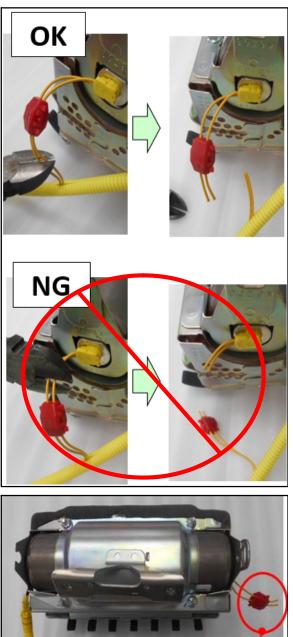
14. Lock the wire in the Electro tap with a pliers.



15. Lock the other yellow wire using the same procedures.

- Check both sides
- 16. Confirm that both yellow wires are locked.

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Red And Black

Wire

Yellow

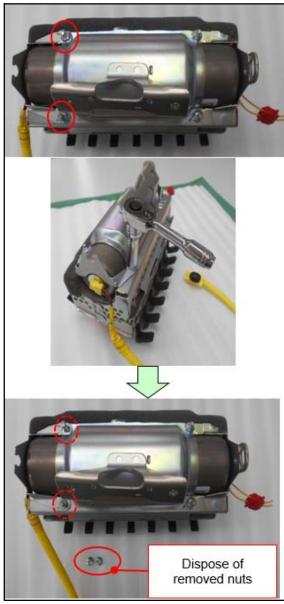
wires

17. Cut the yellow wires on the side opposite of the inflator, as illustrated.

WARNING: Do not cut the side closest to the inflator. Do not cut the red and black wire.

18. Confirm that the yellow wires have been shorted and cut.

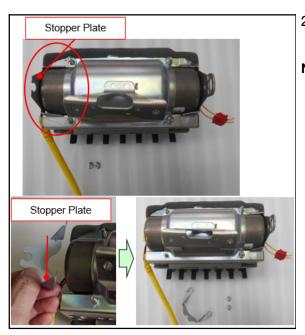
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19. Loosen, remove, and dispose the (2) nuts as illustrated.

CAUTION:

Do NOT remove any other nuts at this time, to avoid risk of dropping the air bag. Do NOT reuse the removed nuts.



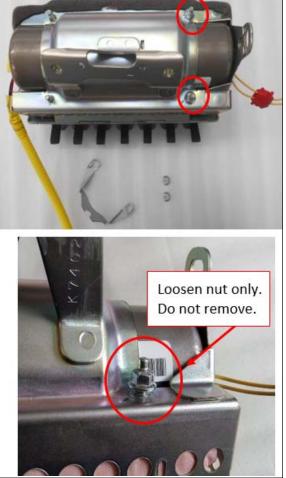
20. Remove the Stopper Plate.

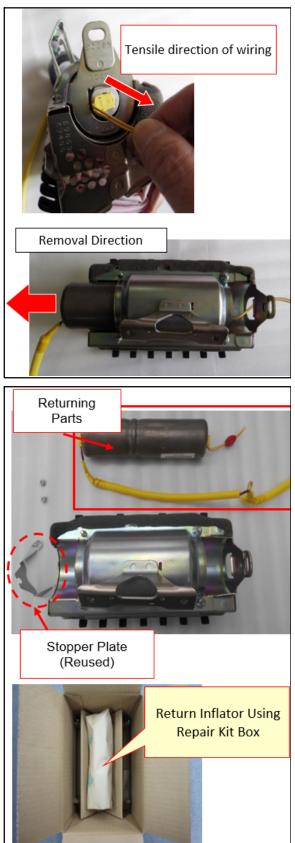
NOTE: The Stopper Plate will be reused. Do not dispose.

21. Loosen, **but do not remove**, the (2) nuts as illustrated.

CAUTION:

Do NOT remove these nuts to avoid dropping the air bag during this process.





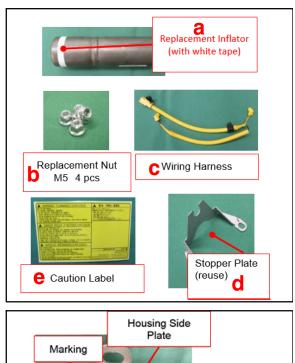
- 22. **Gently** pull on and straighten the yellow wires so that it is in line with the inflator. This will prevent the wire from contacting the edges of the inflator housing during removal.
- 23. Continue pulling on the harness while gently pushing the inflator with your finger in the illustrated direction until the inflator is completely separated from the housing.

24. Package the removed inflator in the Repair Kit box, for returning to Takata.

CAUTION: Do NOT disconnect any wires from the removed inflator.

NOTE: Stopper Plate will be reused. Dispose the nuts that have been removed.

INFLATOR INSTALLATION



25mm (1 INCH)

11mm (7/16 INCH)

20 30

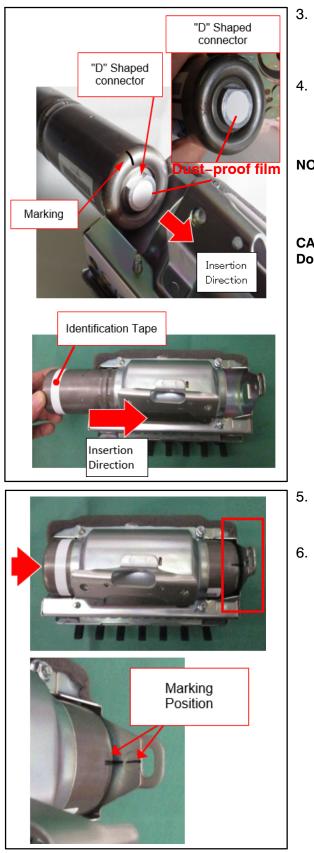
40

2

Marking

Center Line

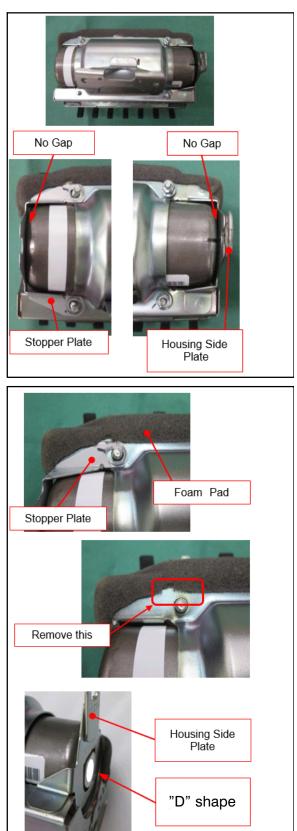
- 1. Verify that you have all of the following parts:
 - a. (1) Replacement dessicated inflator with white tape
 - b. (4) Replacement Nut M5
 - c. (1) Replacement Wiring Harness
 - d. (1) Removed Stopper Plate
 - e. (1) Caution Label
- **NOTE:** In order to install a desiccated inflator, markings must be made on the center of the air bag module. Follow the procedures to mark and align the inflator.
- 2. Before starting, prepare a permanent marker with diameter less than 0.1 In. (2 mm).
 - a. As shown in the photo, measure the center of the Housing Side Plate and make a mark on it.
 - b. Also make a mark on the harness bracket, as illustrated.
 - c. Connect the two marks by drawing a Center Line between them.



- 3. Confirm that the inflator has the white identification tape.
- 4. Insert inflator into the housing, with the "D" shape side facing in.
- **NOTE:** The marking on the replacement inflator may be faint or slightly rubbed off during shipping and handling.

CAUTION: Do NOT peel off the dust—proof film at this time.

- 5. Rotate the inflator until the two markings are aligned.
- 6. Push the inflator in until it contacts the Housing Side Plate.

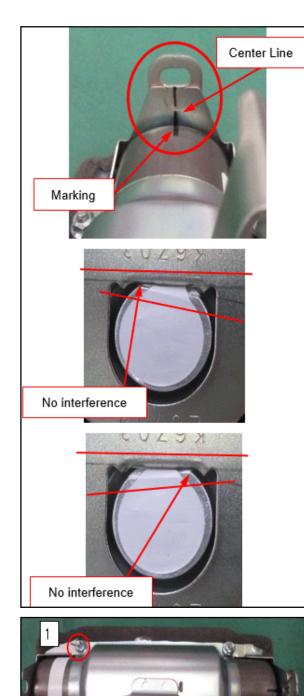


- 7. Ensure that there are **no gaps** between the inflator and the Housing Side Plate, and that the inflator is fully seated.
- 8. Install, and if necessary, adjust the Stopper Plate, and confirm there are **no gaps** between the inflator and the Housing Side Plate, and there **no gaps** between the inflator and the Stopper Plate.

9. If the foam pad interferes with the installation of the Stopper Plate, a small portion of the foam pad may be removed as illustrated.

10. Confirm that the "D" shape side of the inflator is on the same side as the Housing Side Plate.

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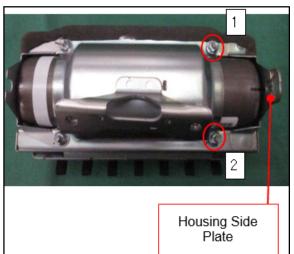


Housing Side Plate

- 11. Confirm that the Center Line and marking are still aligned. If they are not, rotate the inflator until they are aligned.
- **NOTE:** Inflator may appear to be misaligned, as illustrated in the left photographs; however, this is acceptable as long as the Center Line and markings are aligned. After temporary fitting of the Stopper Plate in next step, make sure that the "D" shape side of the inflator is not interfering with the Housing Side Plate.

12. Attach the Stopper Plate using the (2) new nuts. Do not tighten the nuts yet.

CAUTION: Old nuts must NOT be reused. Use new, replacement nuts supplied in the repair kit.



1

4

10

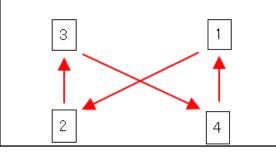
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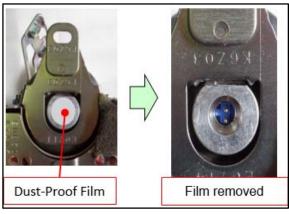
2

- 13. Remove and discard the (2) nuts that were loosened but not removed during the Inflator Removal process.
- 14. Loosely install (2) new nuts from the repair kit.

15. Tighten all (4) nuts in the specified order, and torque down to the specified torque.

Specified Torque: The nuts (silver finish) are properly torqued to 34.5 ± 3.5 in–lb (3.9 \pm 0.4 Nm).



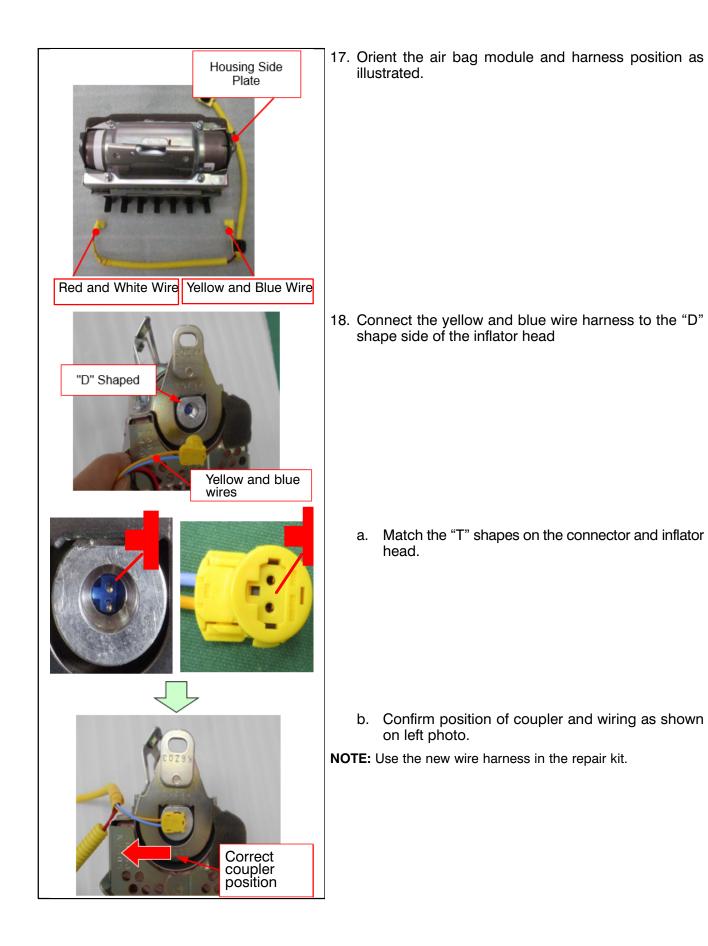


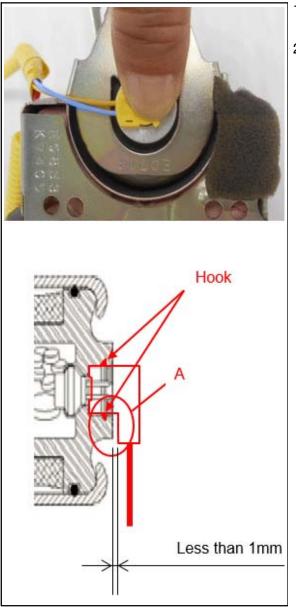
16. Peel off the dust-proof film at the inflator head.

CAUTION:

Do NOT touch the electrical contact after the film has been removed.

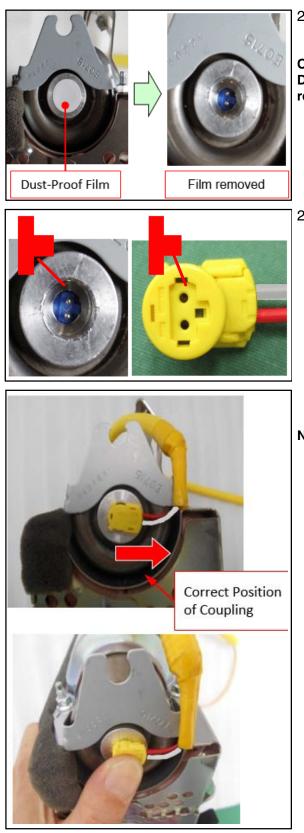
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- 19. Push the connector into position, until the space between the connector and inflator is less than 1mm.
- 20. Lightly pull on the connector and confirm that it is locked into position.

- 21. Position the harness as illustrated.
 - 22. Insert the harness clip into the Housing Side Plate.

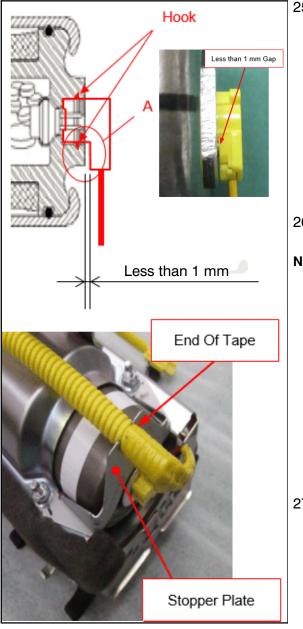


23. Peel the dust-proof film, on the Stopper Plate side, off.

CAUTION: Do NOT touch electrical contact after the film has been removed.

- 24. Connect the red and white wire to the inflator's Stopper Plate side.
 - a. Align the "T" shape on the connector and inflator.

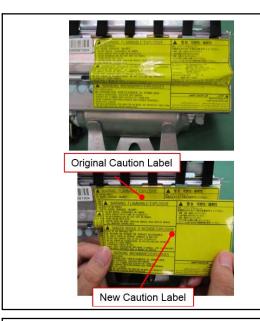
- b. Confirm connector and harness position is as illustrated.
- **NOTE:** If coupling orientation is incorrect, the connector will not securely lock into position. Reorient the coupling and try again.



25. Push the connector into position until the space between connector and inflator is less than 1mm.

- 26. Lightly pull on the connector and confirm that it is locked into position.
- **NOTE:** If the coupling orientation is incorrect, the connector will not securely lock into position. Reorient the coupling and try again.

27. Set the end of the corrugated tube onto the Stopper Plate.

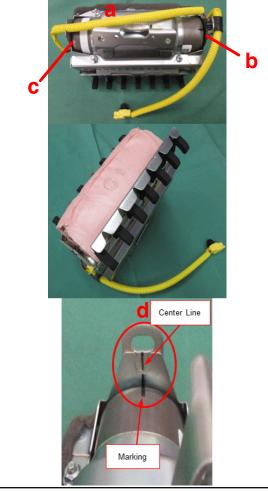


28. Wipe original Caution Label with dry, clean rag or cloth.

CAUTION:

Do not use any detergents or chemicals.

- 29. Paste the new Caution Label directly on top of the original Caution Label
- 30. Wipe and press with a dry, clean rag or cloth.



- 31. Final verification:
 - a. Have you assembled the inflator with white tape?
 - b. Are there no gaps between inflator and Housing Side Plate?
 - c. Are there no gaps between inflator and Stopper Plate?
 - d. Is the inflator positioned correctly? Check the Center Line and marking.
 - e. Are all nuts tightened to specified torque?
 - f. Are harness connectors securely locked?
 - g. Is the harness assembled as illustrated?
 - h. Are there no scratches or dirt on the air bag?
 - i. Is the new Caution Label attached?

REINSTALLATION PROCEDURE

- 1. Reinstall the passenger air bag module to the instrument panel.
- 2. Reinstall the distribution duct to the instrument panel.

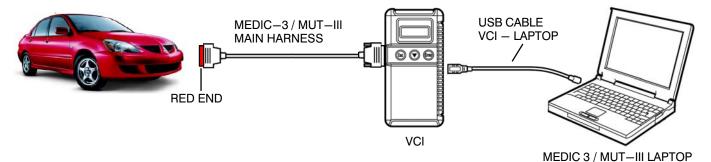
NOTE: Reinstall the center bolts first to align the distribution duct.

- 3. Reinstall the instrument panel.
- 4. Remove the electrical tape and reconnect the negative (–) battery terminal. Tighten the clamp nut securely.
- 5. Turn the ignition switch to the "ON" position. If the "SRS" warning light illuminates continuously (does not extinguish after seven seconds), troubleshoot per the applicable service manual, Group 52B Supplemental Restraint System (SRS) > SRS Air Bag Diagnosis > SRS Warning Light Check.
- 6. Input radio station presets and set the clock, if applicable.

ERASE AND READ DTCs FROM ALL ECUs

- 1. Connect the equipment as follows:
 - Turn the laptop computer/tablet on.
 - Connect the USB cable to the VCI/VCI Lite.
 - When the laptop displays the MUT–III main screen, connect the USB cable to the laptop.
 - Connect the MUT-III main harness 'B' with the red or black DLC connector to the VCI/VCI Lite.
 - Connect the red or black connector of the MUT–III main harness 'B' to the vehicle's data link connector.

NOTE: VCI and laptop shown for illustration purposes only.



2. Turn the ignition switch to the "ON" position.

NOTE: Ensure all accessories are off (e.g. lights, heating and AC system, audio/navi unit, etc...).

- 3. From the MEDIC main page:
 - a. Click on MUT-III.
 - b. Select "Special Function."
 - c. Select "All DTCs."
 - d. Select "Erase and read all DTCs." DTC 21 and 24 should appear. If any DTCs other than 21 or 24 appear, troubleshoot per the applicable service manual.

PARTS INFORMATION

Use only the Genuine Mitsubishi Parts listed below.

Description	Part Number	Quantity
Kit, Air Bag Inflator	7030A844	1

Immediately return the removed air bag inflator module to Takata utilizing the documents provided with the new part (sample attached below).

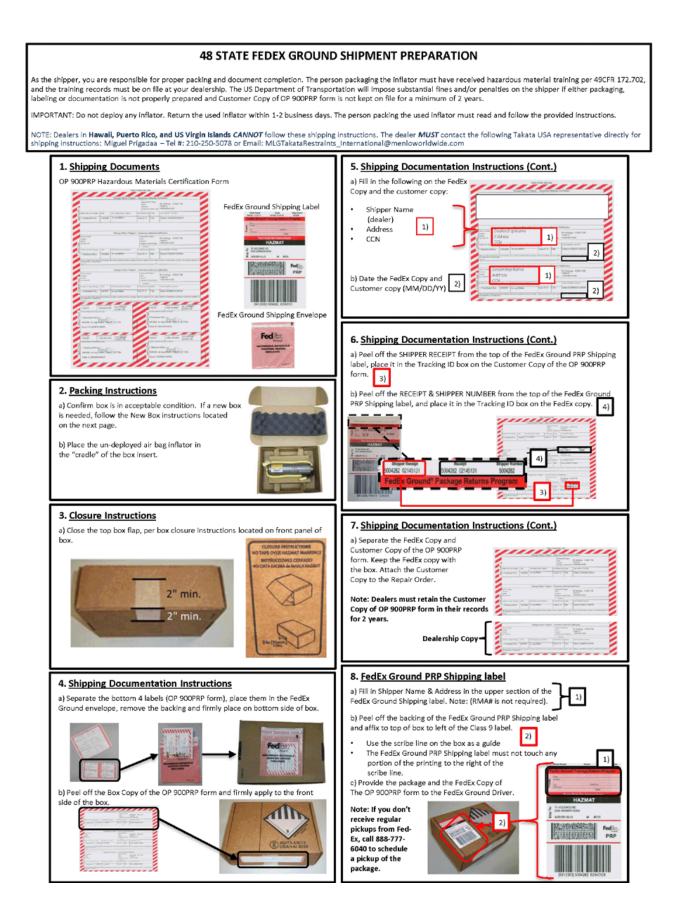
NOTE: The CCN# may be left blank.

There will not be a system generated material return request. Regardless, the campaign claim is subject to chargeback if the replaced air bag inflator is not immediately returned to Takata. Please make sure you keep a copy of proof of shipment with the repair order.

As the shipper, you are responsible for proper packing and document completion. The person packaging the inflator must have received hazardous material training per 49 CFR 172.702, and the training records must be on file at your dealership. The US Department of Transportation will impose substantial fines and/or penalties on the shipper if either packaging, labeling or documentation is not properly prepared and Customer Copy of OP 900PRP form is not kept on file for a minimum of 2 years.

IMPORTANT !! Do not deploy any inflator. Return the used inflator within 1–2 business days. The person packing the used inflator must read and follow the provided instructions.

NOTE: <u>Dealers in Hawaii, Puerto Rico, and US Virgin Islands CANNOT follow these shipping instructions.</u> The dealer *MUST* contact the following Takata USA representative directly for shipping instructions: Miguel Prigadaa – Tel #: 210–250–5078 or Email: MLGTakataRestraints International@menloworldwide.com





DO NOT SHIP REPLACED INFLATORS TO MMNA. SHIP ONLY TO TAKATA.

WARRANTY INFORMATION

There is only one repair scenario for this campaign.

#	Repair Procedure	Campaign Operation	Labor Time Allowance	Part Number
1	Replace air bag inflator kit	C1603A01	1.7 hours	7030A844

WARRANTY / RECALL CAMPAIGN CLAIM INFORMATION

Enter all claims as claim type 'C' - Recall/Campaign Claims

Please follow the campaign instructions when entering each claim in order to select the applicable operation codes that correctly match up with the work that was actually performed. A claim example is provided below.

Required Operation to be performed by model year	Labor Operation	Labor Time
1. 2006–2007 MY Lancer – Replace Air Bag Inflator Kit	C1603A01	1.7 hrs.

MITSUE DEAL LINI Clain	ER	Vehicle Infor	mation	Warra	e Warran anty Clain the first	6 charac		horizonal face	PQR/VQ	Help R
Campaig Campaigr				<u>C1603A</u>		ter As			[<u>*</u>
Camparyr Operatior No Miles/Km VIN	-	1000	infl Ch tim	lator on c eck the C	ertain 2 Open Car ertain of	006 and npaign i a vehic	2007 M area of le's elig	jibility. Oi	s. screen ea	ch
Service Technicia	n <u> </u>	Emp	No		Service /	Advisor		Emp I	No	
Spec Valu	ie *		14			Dup	licate Re	call *		
Dealer:	99320	Ref No:					VIN:			
Claim No:		Adj:		Claim	Status:	Incom	plete Mod	el and Year:		
			Sav	e & Continu	e	lain Menu				- -

Claim Header Section: Air Bag Inflator Replacement

After entering the required customer data, vehicle information and applicable campaign operation number, hitting the "<u>Save and Continue</u>" button will automatically fill—in several fields. <u>Please note that there is only 1 possible repair scenario for this campaign.</u>

CAMPAIGN INFORM	MATION				C16403A Replace Air Bag Inflator		·
Campaign Operation No	C1603A		2006-07MY Lancer	Repair Performed		Enter As Sublet	
Miles / KM	64,500		Lancer	Repair Order No	EX12345	TSB	
VIN	JA3AD29F84U039122	Repair Date In	7/15/2016	Repair Date Out	0717/16	1	

Recall Campaign Claim Example:

Follow these instructions for claim for performing the replacement of the air bag inflator.

PARTS:

There is only <u>one repair scenario</u> and it requires the replacement of the air bag inflator.

Scenario #1 – 2006–07MY Lancer vehicles – replace the air bag inflator kit. Part# 7030A844

Show Pa	now Part Number to Labor Operation Lookup on Labor Page							
	Delete	Part No	Part Description	Qty	Unit Price	Part Amount		
1		7030A844	INFLATOR KIT,AIR BAG PASS,RH	1	XXX.XX ×	\$0.00		
2								
		1						

The full service campaign labor operation number C1603A01 and the allowed labor time of 1.7 hours will be automatically entered as a result of the 'Repair Performed' scenario selected from the "Vehicle" page.

Clain	n Entry	Vehicle Information	Corporate	e-Reports	DMS Interface	PQR/VQR	PRC Center
Vehicle		Parts	Step 3: Labor	·	PWA	Review	
id Page -	Labor Inform	ation					
Delete Sublet			r Operation Description		Qty		Hours / Sublet Amt
	Labor Op				Qty		Hours / Total La Sublet Amt Hrs A

RENTAL CARS:

If there is a need to provide the owner with a rental car, claim the applicable charges in this section of the claim on the lower portion of the labor entry screen.

Select	Labor Operation	Labor Operation Description		Amount
	SHO	SPECIAL HANDLING ORDER	SHO Parts Order	
	RENTACAR	RENTAL CAR CHARGES	Days Reason Gentine - Rental Company Invoice Number	
	95300040	FREIGHT CHARGES	Freight Company Invoice Number	
	95200040	TOWING CHARGES	Towing Company Invoice Number	

PARTS RETURN:

Follow the instructions in this TSB in regards to returning replaced air bag inflators. DO NOT return the replaced parts to MMNA. Failure to return a replaced inflator to Takata may result in a chargeback of the campaign claim.



IMPORTANT SAFETY RECALL

SR-16-002 Mitsubishi Motors North America, Inc. 6400 Katella Avenue Cypress, CA 90630 Telephone: 714-372-6000 www.mitsubishicars.com

This notice applies to your vehicle, ____

Date: July, 2016

Dear (NAME),

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

Reason for notice:	Mitsubishi Motors North America, Inc. (MMNA) has decided that a defect which relates to motor vehicle safety exists in certain 2006 – 2007 Lancer vehicles. Continued exposure to high levels of humidity may cause the passenger air bag inflator housing to rupture in the event of a crash necessitating deployment of the passenger side frontal air bag. An inflator rupture could result in metal fragments striking and potentially causing serious injury or death to vehicle occupants.
What you should do:	Please contact your local Authorized Mitsubishi Motors dealer and schedule an appointment to have the front passenger air bag inflator replaced. When you bring your vehicle in, please show the dealer this letter. If you misplace this letter, the dealer will still perform this replacement for your vehicle, free of charge.
	To reduce the risk of serious injury, do not allow occupants to sit in the front passenger side seat until this replacement is performed.
What your dealer will do:	The dealership will replace the front passenger air bag inflator with a new desiccated one.
How long will it take?	The time needed for this repair is approximately 2.0 hrs. The dealer may need your vehicle for a longer period of time due to service scheduling issues, but every effort will be made to minimize your inconvenience, including providing you with a loaner/rental vehicle while the repair is being performed.

If you experience any problem having your vehicle repaired promptly and/or at no charge, please inform us by calling the Mitsubishi Customer Relations Department at **888-648-7820**. Hours: Monday through Friday 7 a.m. to 4 p.m. (Pacific Time)

If, after contacting Mitsubishi Customer Relations, you still have a problem getting this repair made promptly and/or without charge, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue SE, Washington, D.C. 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.

If you have already encountered a problem with the front passenger air bag inflator and had it replaced as a result of this specific condition and have paid for the repair, you may send your original repair order or invoice **and** original receipt/proof of payment to the following address for reimbursement consideration:

Mitsubishi Customer Relations Department, P.O. Box 6400, Cypress, CA 90630-0064

If you are the lessor of this vehicle, please forward a copy of this notice to the lessee within ten days to comply with federal regulations.

We appreciate your prompt attention to this matter.

Sincerely,

Mitsubishi Motors North America, Inc.

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