



SAFETY RECALL BULLETIN

SUBJECT:			No: SR-16-004
RAIDER PASSENGER SIDE FRONTAL AIR BAG INFLATOR – SAFETY RECALL CAMPAIGN			DATE: March, 2017
			MODEL: 2006–09 Raider
CIRCULATE TO:	<input checked="" type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input checked="" type="checkbox"/> SALES MANAGER

PURPOSE

Based upon a Defect Information Report submitted to the National Highway Traffic Safety Administration by TK Holdings (Takata), MMNA is recalling certain 2006 – 2009 Raiders. 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.

This campaign bulletin instructs dealers to replace the passenger side frontal air bag inflator with a new, dessicated air bag inflator, and return the subject air bag inflator per the instructions in the **Parts Information** section of this procedure.

AFFECTED VEHICLES

Certain 2006 – 2009 Raider

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 Super Screen to verify whether the vehicle 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.

REQUIRED OPERATIONS

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

REQUIRED EQUIPMENT

The following equipment is needed to erase and read DTCs from all ECUs:

- VCI (Vehicle Communication Interface) or VCI Lite – MB991824 or MB992744V.
- MEDIC Laptop/Tablet with A/C power adapter – 520924, or FZG1MK2.
- MUT–III main harness 'A' (blue connector at the DLC end) – MB991910 or MB992745V.
- USB 2.0 cable – MB991827 or RRAR1MBR–108L.

REMOVAL PROCEDURE



WARNING

To avoid serious injury or death, on vehicles equipped with air bags, disable the Supplemental Restraint System (SRS) before attempting any steering wheel, steering column, air bag, occupant classification system, seat belt tensioner, impact sensor, or instrument panel component diagnosis or service.

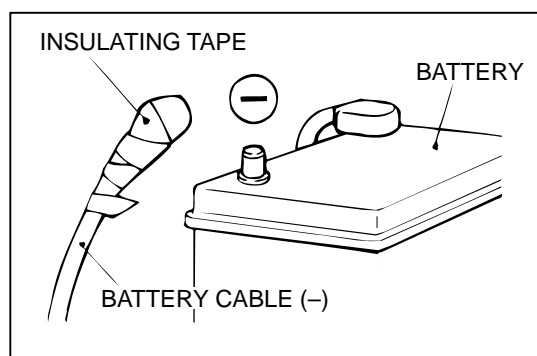
Disconnect and isolate the battery negative (ground) cable, then wait two minutes for the system capacitor to discharge before performing further diagnosis or service. This is the only sure way to disable the SRS.

Failure to take the proper precautions could result in accidental air bag deployment.



WARNING

At no time should any source of electricity be permitted near the inflator on the back of a non-deployed air bag. When carrying a non-deployed air bag, the trim cover or air bag cushion side of the unit should be pointed away from the body to minimize injury in the event of an accidental deployment.



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



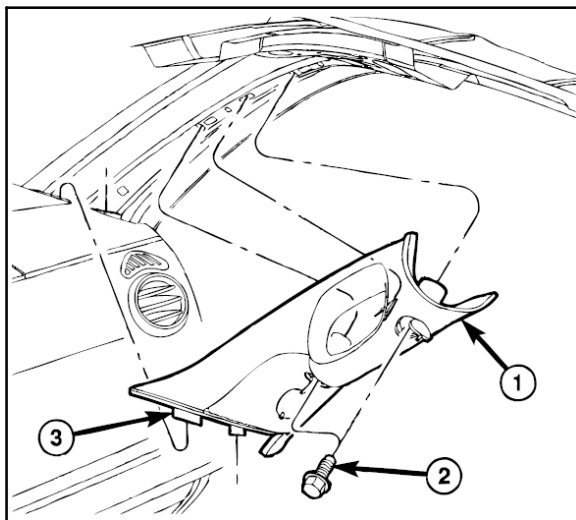
WARNING

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

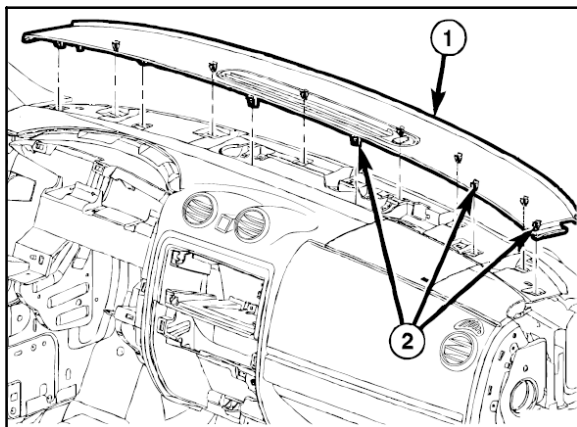


WARNING

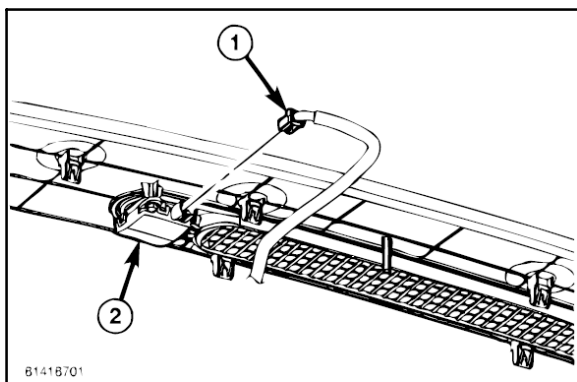
Wait at least two minutes after disconnecting the battery cable before doing any further work to prevent accidental air bag deployment.



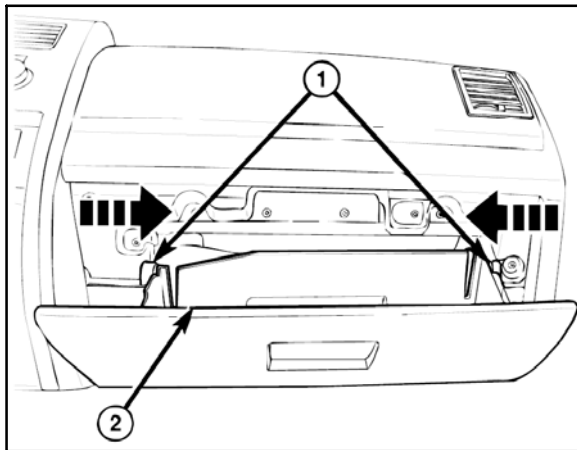
2. Open the trim covers in the A-pillar grab handle (1) and remove and save the bolts (2).
3. Remove the driver side and passenger side A-pillar trim panels (1).



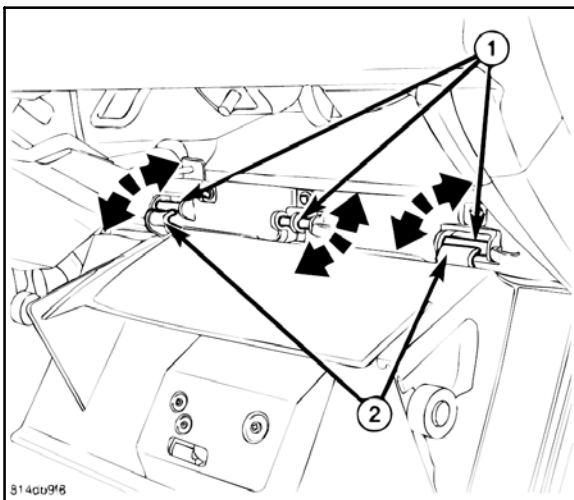
4. Using a trim stick, remove the instrument panel defroster grille.



5. Disconnect the sensor electrical connector (1).



6. Open the glove box and squeeze the stop tabs inward.



7. Lower the glove box and release the hinges (1) using a twisting motion and remove the glove box.



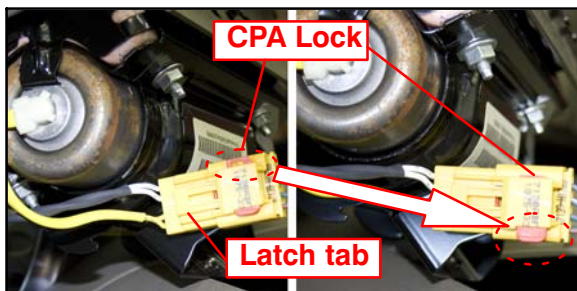
8. Reach up into the instrument panel between the upper glove box opening reinforcement and the cross car beam to access and remove and save the two bolts that secure the passenger air bag lower bracket to the instrument panel support structure.



9. Using a trim stick or another suitable wide flat-bladed tool, gently pry the edges of the passenger air bag door away from the top of the instrument panel far enough to disengage the snap features on the door from the receptacles in the instrument panel base trim.



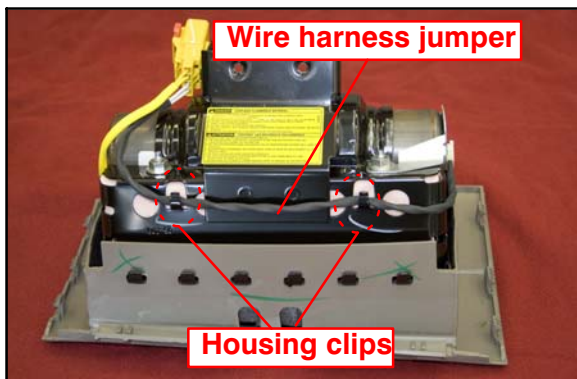
10. Pull the passenger air bag out of the instrument panel far enough to access and disconnect the instrument panel wire harness connector from the air bag inflator pigtail connector on the right side of the air bag lower mounting bracket. To disconnect the connector:



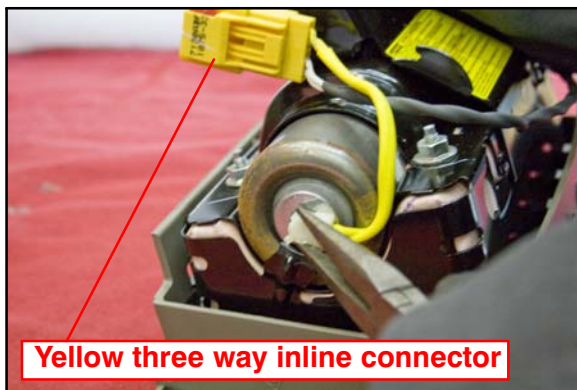
- a. Slide the red Connector Position Assurance (CPA) lock on the connector toward the side of the connector.
- b. Depress the connector latch tab and pull the two halves of the connector straight away from each other.

11. Remove the passenger air bag and air bag door from the instrument panel as a unit.

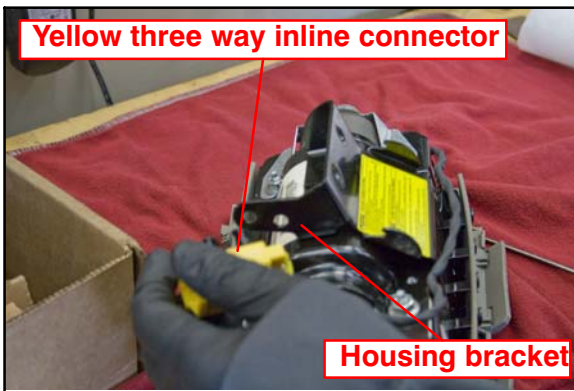
12. Place the passenger air bag assembly on a clean, soft surface to prevent damage.



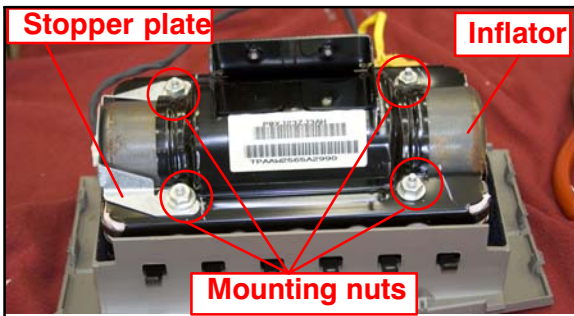
13. Disengage the wire harness jumper from the housing clips in two places.



14. Disconnect the single yellow wire inflator connector from the end of the inflator, using pliers.



15. Remove the yellow three way inline connector from the housing bracket.



16. Remove and discard the four mounting nuts from the passenger air bag module.

17. Remove the stopper plate.

NOTE: The stopper plate will be reused. Do not discard.

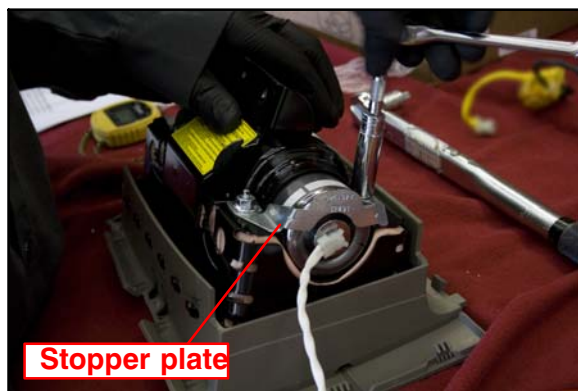
18. Slide the inflator out of the passenger air bag module.



19. Slide the new inflator into the passenger air bag module.

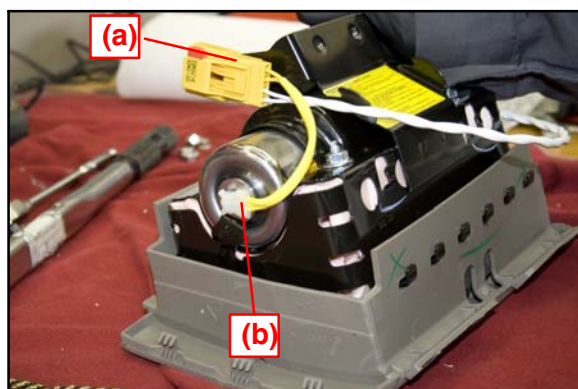


NOTE: The inflator is keyed to fit into the housing.



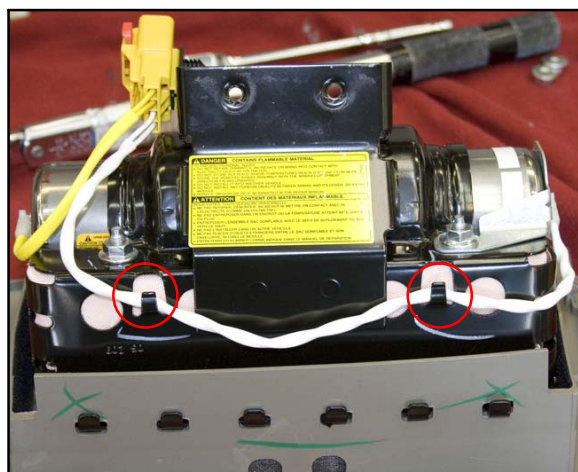
20. Install the stopper plate to the air bag module.

21. Install the four new mounting nuts to the air bag module and tighten to 53 in-lb (6 Nm).



22. Install the yellow three way inline connector to the housing bracket (a).

23. Connect the single yellow wire inflator connector to the end of the inflator after removing the protective tape from the end of the inflator (b).



24. Engage the wire harness jumper under the housing clips in two places.

INSTALLATION PROCEDURE



At no time should any source of electricity be permitted near the inflator on the back of a non-deployed air bag. When carrying a non-deployed air bag, the trim cover or air bag cushion side of the unit should be pointed away from the body to minimize injury in the event of an accidental deployment.



To avoid serious or fatal injury, use extreme care to prevent any foreign material from entering the passenger air bag, or becoming entrapped between the passenger air bag cushion and the passenger air bag door. Failure to observe this warning could result in occupant injuries upon air bag deployment.



WARNING

To avoid serious or fatal injury, the passenger air bag door must never be painted. Replacement passenger air bags are serviced with doors in the original colors. Paint may change the way in which the material of the air bag door responds to an air bag deployment. Failure to observe this warning could result in occupant injuries upon air bag deployment.



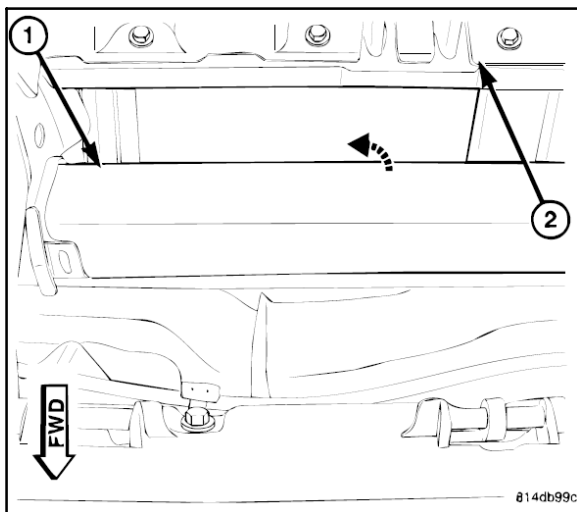
1. Carefully position the passenger air bag and air bag door to the instrument panel as a unit.



2. Connect the instrument panel wire harness connector for the air bag to the passenger air bag inflator pigtail wire connector on the right side of the air bag mounting bracket. Be certain that the latch on the connector and the red Connector Position Assurance (CPA) lock are each fully engaged.

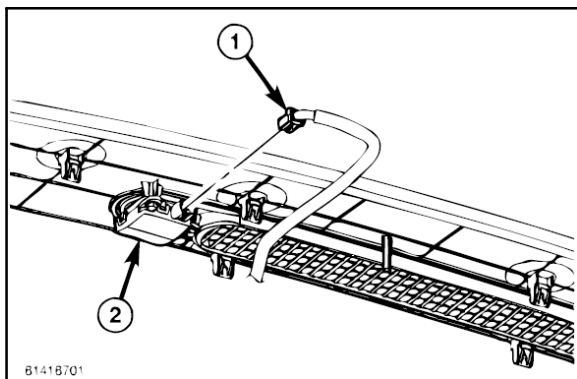


3. Carefully lower the passenger air bag unit into the instrument panel, being certain that the air bag lower mounting bracket is properly positioned to the instrument panel support structure.



4. Reach up into the instrument panel between the upper glove box opening reinforcement (2) and the cross car beam (1) to install and tighten the two screws that secure the passenger air bag lower mounting bracket to the instrument panel support structure. Tighten the screws to 55 in-lb (6 Nm).

5. Align and insert the rearward tabs of the passenger air bag door into the slots in the instrument panel top pad.
6. Using hand pressure, push down on the passenger air bag door over each snap feature until it snaps into its receptacle in the instrument panel base trim.
7. Reinstall the glove box into the instrument panel.



8. Connect the sensor electrical connector (1) to the sensor (2) on the defroster grille.

9. Reinstall the defroster grille onto the top of the instrument panel.
10. Install the passenger side A-pillar trim panels.

11. Install the bolts and tighten to 55 in-lb (6 Nm).
12. Install the passenger side A-pillar grab handle covers.
13. Install the driver side A-pillar trim panels.
14. Install the bolts and tighten to 55 in-lb (6 Nm).
15. Install the driver side A-pillar grab handle covers.
16. Do not reconnect the battery negative cable at this time. The Supplemental Restraint System (SRS) verification test procedure should be performed following service of any SRS component.

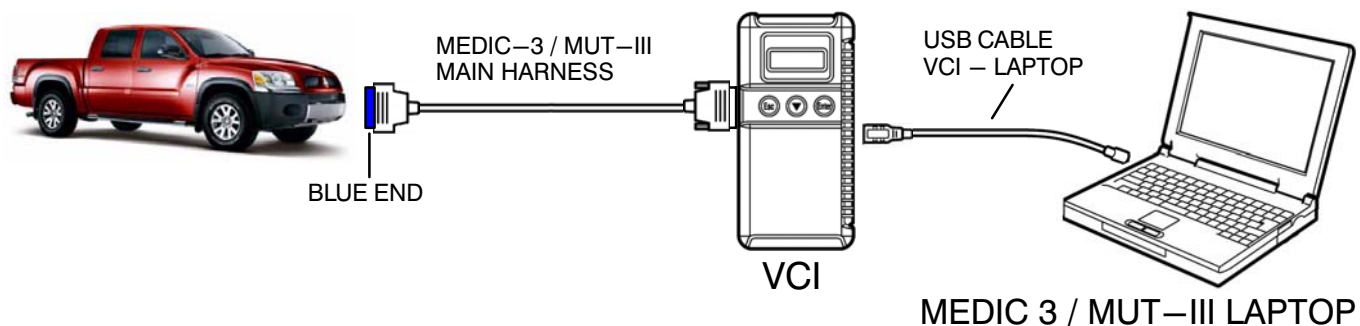
SUPPLEMENTAL RESTRAINT SYSTEM (SRS) VERIFICATION TEST



WARNING

Do not reconnect the negative (-) battery cable until instructed.

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 'A' with the blue DLC connector to the VCI/VCI Lite.
 - Connect the blue connector of the MUT-III main harness 'A' to the vehicle's data link connector.



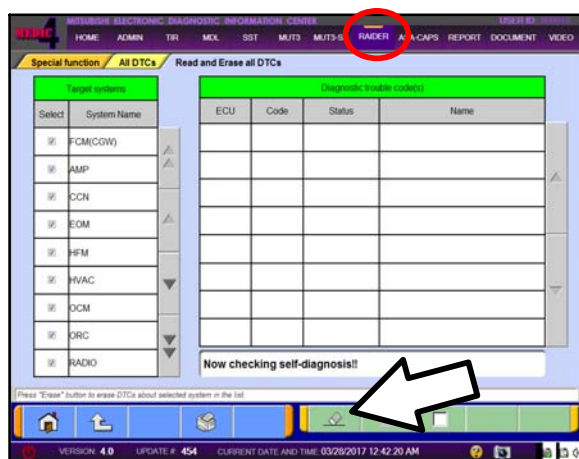
NOTE: VCI and laptop shown for illustration purposes only.

2. Turn the ignition switch to the "ON" position, exit the vehicle, and close the door.
3. Ensure nobody is in the vehicle. Remove the electrical tape and reconnect the negative (-) battery cable. Tighten the battery terminal clamp pinch-bolt hex but to 45 in-lb (5 Nm).



WARNING

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



4. From the MEDIC main page,
 - a. Click on Raider
 - b. Select “Special Function”
 - c. Select “All DTCs”
 - d. Select “Erase and read all DTCs” (eraser icon). If any DTCs appear, troubleshoot per the applicable service manual.



5. Turn the ignition switch to the “OFF” position for at least 15 seconds, then turn it back to the “ON” position. The air bag indicator should illuminate and then turn off after 6–8 seconds. If it does not illuminate or is continuously illuminated, refer to the appropriate diagnostic information to diagnose the problem before proceeding to the next step.

6. Input radio station presets and set the clock, if applicable.
7. Close the hood and remove the MEDIC.
8. Reinsert the foam block and repackage the old passenger side frontal air bag inflator in the shipping materials used for the new, replacement air bag. Follow the instructions in the **Parts Information** section and return the air bag directly to Takata.

PARTS INFORMATION

Use the genuine Mitsubishi Part listed below:

Description	Part Number	Quantity
Air Bag Inflator	CBXZS432AA	1

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

NOTE: Dealers in Hawaii, Puerto Rico, and US Virgin Islands CANNOT follow these shipping instructions. 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

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 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.

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

NOTE: For 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 Stericycle.
- To be affixed to the outside of each pallet

c) Bill of Lading

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

d) ERG Document

- To be supplied by Stericycle.
- To be provided by the Dealer to the LTL Driver for each shipment



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



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.



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)



3. Closure Instructions

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



6. Shipping Instructions – Schedule LTL Pickup

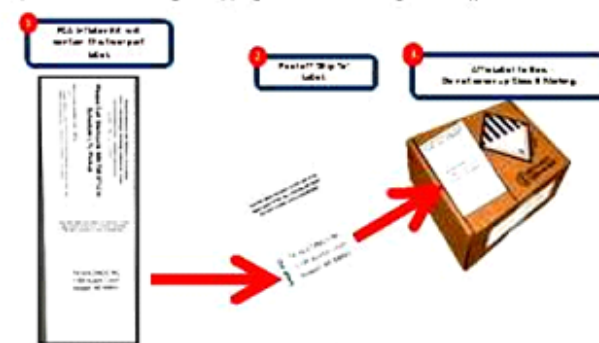
- Upon Accumulating 200 kits (1 Over-pack/Pallet) Minimum
 - Call Stericycle at 1-888-708-5712
 - If 200 Kits have not been accumulated in 30 days, please call Stericycle for direction
- Have the following Information Available
 - Dealer #
 - Quantity of Over-packs/Pallets
 - Quantity of Passenger Inflator 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

4a. Shipping Instructions – Label each Box

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



8. Requesting a New Box / Shipping Labels

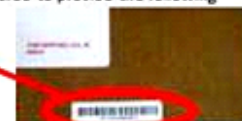
If a new box or replacement shipping labels are needed, please contact the representative listed below by phone or email to request replacement materials.

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

E-Mail: FieldAction.14305@menlowordwide.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



WARRANTY INFORMATION

There is only one repair scenario for this campaign.

#	Repair Procedure	Campaign Operation	Labor Time Allowance	Part Number
1	Replace Passenger's Side Frontal Air Bag Inflator Kit	C1604R01	0.9 hour	CBXZS432AA

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 matches up with the work that was actually performed. A claim example is provided on the following pages.

Certain 2006 – 2009 MY – Raider Trucks (sold in USA and Puerto Rico)

Required Operation to be performed by model year **Labor Operation** **Labor Time**

1. 2006–2009MY Raider – Replace Passenger's Side Frontal Air Bag Inflator C1604R01 0.9 hrs.

Claim Header Section: Passenger's Side Air Bag Inflator Replacement

MITSUBISHI DEALER LINK Service Warranty Warranty Claim Help

Claim Entry Vehicle Information PQR/VQR

Campaign Information

Campaign Operation No: C1604R__ Enter As

Miles/Km: 64500

VIN: 1Z.....

Service Technician: Emp No Service Advisor: Emp No

Spec Value * Duplicate Recall *

Dealer: 99320 Ref No: VIN: Claim No: Adj: Claim Status: Incomplete Model and Year:

Enter & Continue Main Menu

Enter in the first 6 characters of this campaign labor operation: **C1604R**.

This campaign is for the replacement of the passenger's side air bag inflator on certain 2006 – 2009MY Raider trucks.

Check the Open Campaign area of the Superscreen each time to be certain of a vehicle's eligibility. Only VINs showing **C1604R** as open are involved.

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

Safety Recall Campaign Claim Example:

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

PARTS:

Only one repair scenario and it requires the replacement of the passenger’s side air bag inflator.

Scenario #1 – 2006–09MY Raider trucks – replace the air bag inflator kit. Part# CBXZS432AA.
The current dealer net price will automatically appear when you enter the part number.

LABOR:

The full service campaign labor operation number is C1604R01 and the allowed labor time of 0.9 hours will be automatically entered as a result of the 'Repair Performed' scenario selected from the “Vehicle” page.

Delete	Sublet	Labor Op	Labor Operation Description	Qty	Hours / Sublet Amt	Total Hrs	Labor Amt
		C1604R01	Replace Passenger Side Frontal Air Bag Inflator Kit	1	0.9	0.9	XX.XX

RENTAL CARS/SHO:

If there is a need or request by the owner to provide a rental car or expedite the part, 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
<input type="checkbox"/>	SHO	SPECIAL HANDLING ORDER	SHO Parts Order <input type="text"/>
<input type="checkbox"/>	RENTACAR	RENTAL CAR CHARGES	Days <input type="text"/> Reason <input type="text"/> <small>(Select one)</small> Rental Company <input type="text"/> Invoice Number <input type="text"/>
<input type="checkbox"/>	95300040	FREIGHT CHARGES	Freight Company <input type="text"/> Invoice Number <input type="text"/> <input type="text"/> <input type="text"/>
<input type="checkbox"/>	95200040	TOWING CHARGES	Towing Company <input type="text"/> Invoice Number <input type="text"/> <input type="text"/> <input type="text"/>

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 will result in a chargeback of the campaign claim.