MITSUBISHI MOTORS

SERVICE CAMPAIGN BULLETIN

SUBJECT: RAIDER DRIVER AIR BAG INFLATOR − SPECIAL SERVICE CAMPAIGN − REVISED			No: SC−14−005REVII
			DATE: March, 2015
			MODEL: 2006−07 Raider
CIRCULATE TO:	[X] GENERAL MANAGER	[X] PARTS MANAGER	[X] TECHNICIAN
[X] SERVICE ADVISOR	[X] SERVICE MANAGER	[X] WARRANTY PROCESSOR	[X] SALES MANAGER

This bulletin supercedes SC−14−005REV, issued February, 2015 to clarify the repair procedure. Changes are italicized and indicated by ◀.

PURPOSE

Mitsubishi Motors North America, Inc. is voluntary conducting this special service campaign to assist the National Highway Traffic Safety Administration (NHTSA) in collecting driver air bag inflators installed in certain 2006 − 2007 Raider vehicles. The geographic scope of this campaign previously focused on affected vehicles originally sold in, or ever registered in the high absolute humidity states/territories of Florida, Hawaii, Puerto Rico, and the U.S. Virgin Islands. The campaign is being expanded to include the remaining regions of the United States.

The driver air bag inflator housing in the affected vehicles may rupture due to excessive internal pressure during 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. NHTSA/Takata is collecting and analyzing these driver air bag inflators to determine the cause of potential for inflator housing rupture and the influence of high absolute humidity.

This campaign bulletin instructs dealers to replace the driver air bag inflator with a newly manufactured part, and return the subject air bag inflator per the instructions in the **Parts Information** section of this procedure.

AFFECTED VEHICLES

Certain 2006 − 2007 Raider trucks built May 18, 2005 to June 29, 2007

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 service action.

CUSTOMER NOTIFICATION

A letter will be sent to all owners of all affected vehicles telling them to contact their local Authorized Mitsubishi Motors dealer and have the driver 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 this campaign procedure has not already been completed.

Copyright 2015, Mitsubishi Motors North America, Inc.

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)*.

REQUIRED EQUIPMENT

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

- 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 'A' (blue connector at the DLC end) − MB991910 or MB992745.
- USB 2.0 cable − MB991827 or MB992747.

REMOVAL PROCEDURE

⚠ **WARNING**	**To avoid personal injury or death, on vehicles equipped with airbags, disable the supplemental restraint system before attempting any steering wheel, steering column, airbag, 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 supplemental restraint system. Failure to take the proper precautions could result in accidental airbag deployment.**

1. Record the radio station presets. Disconnect the negative (−) battery cable (10mm) and insulate the cable end with electrical tape.

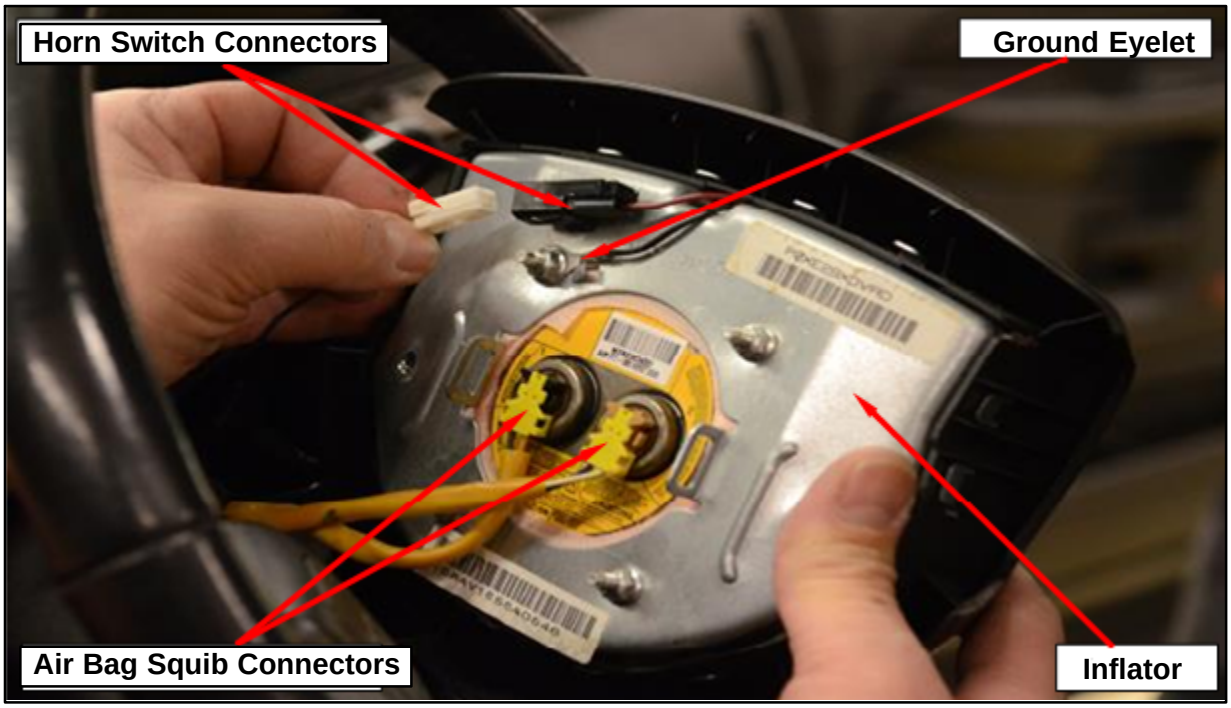
⚠ **WARNING**	**Wait at least two minutes after disconnecting the battery cable before doing any further work to prevent accidental air bag deployment.**

2. From the steering wheel's underside, remove the (2) 10mm bolts that secure the driver air bag to the steering wheel armature.

   NOTE: Place masking tape over the steering column to prevent any damage during bolt removal.

   NOTE: Rotate the steering wheel so that the bolts are at the top of the steering column as shown in the illustration.

3. Carefully pull the driver air bag far enough away from the steering wheel to access the air bag's back side.



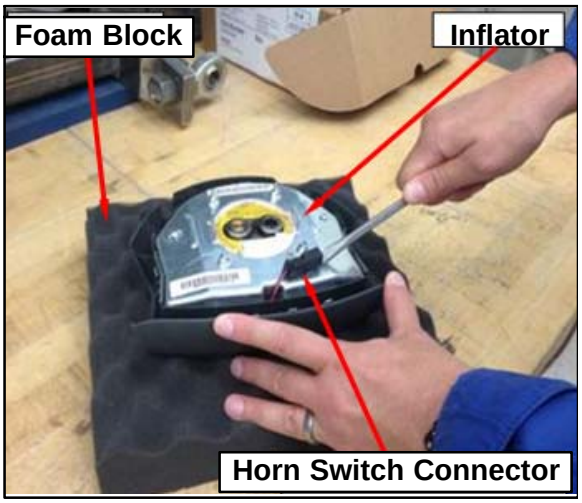
⚠ **CAUTION**	**When disconnecting the horn switch, do not pull on the horn switch feed pigtail wire to disengage the connector from the driver airbag housing or to disconnect the horn switch to steering wheel wire harness connection. Improper pulling on this pigtail wire or connection can result in damage to the horn switch membrane or feed circuit.**

4. Disconnect the horn switch connector.

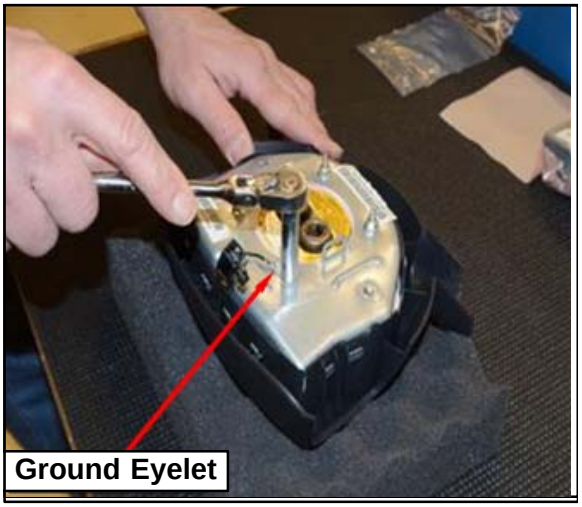
⚠ **CAUTION**	**When disconnecting the air bag squib connectors, do not pull on the clockspring pigtail wires or pry on the connector insulator to disengage the connector from the driver airbag inflator connector receptacle. Improper removal of these pigtail wires and their connector insulators can result in damage to the air bag circuits or connector insulators.**

5. Disconnect the (2) air bag squib connectors by depressing the latches on each side of the connector insulator and pull the insulators straight out from the air bag inflator to disconnect them from the connector receptacles.
6. Remove the driver air bag inflator from the steering wheel.

7. Open the box containing the replacement driver air bag inflator, remove the inflator from the box, and set it aside. Remove the foam block from the box and place it on a work bench.

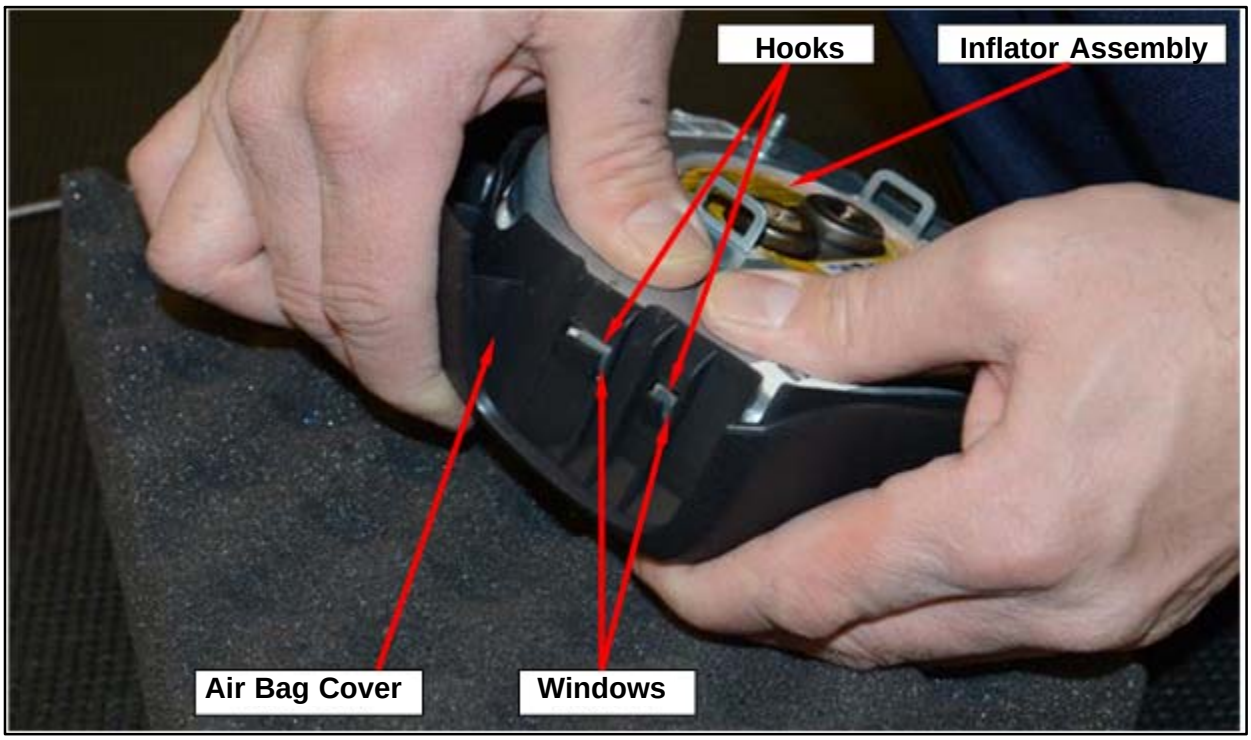


8. Place the old driver air bag inflator on the foam block as shown.
9. Remove the horn switch connector from the inflator assembly with a flat head screwdriver.

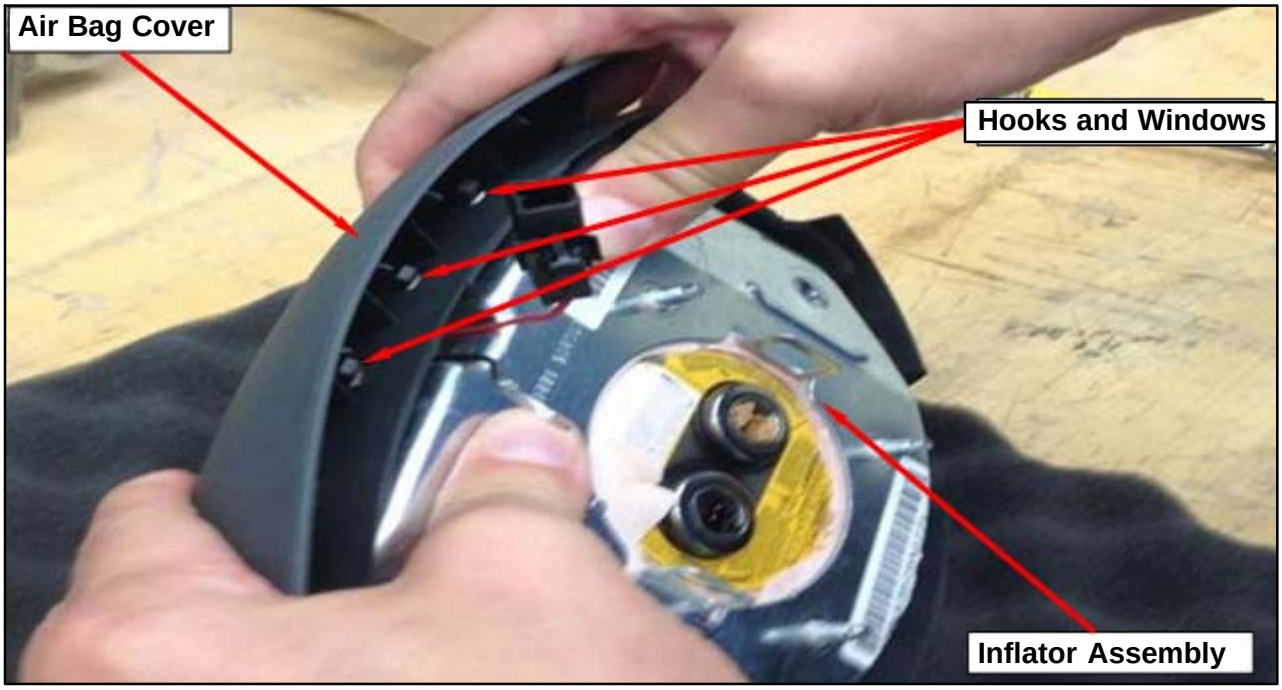


10. Remove and discard the nut holding the ground eyelet to the inflator assembly and remove the ground eyelet from the stud.

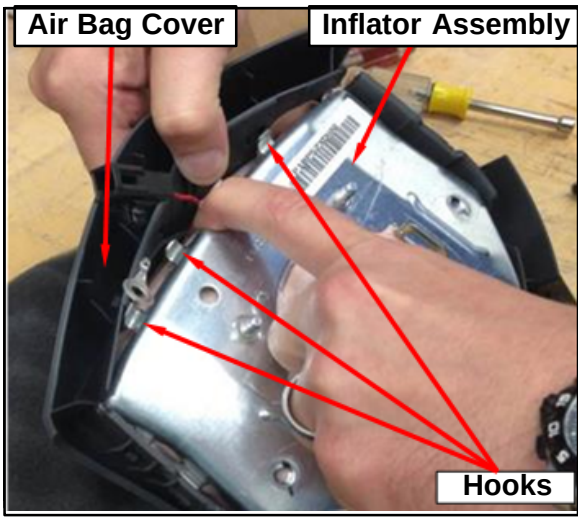
11. Remove the air bag cover starting with the left side by pressing down on the inflator assembly until the hooks unsnap from the windows.



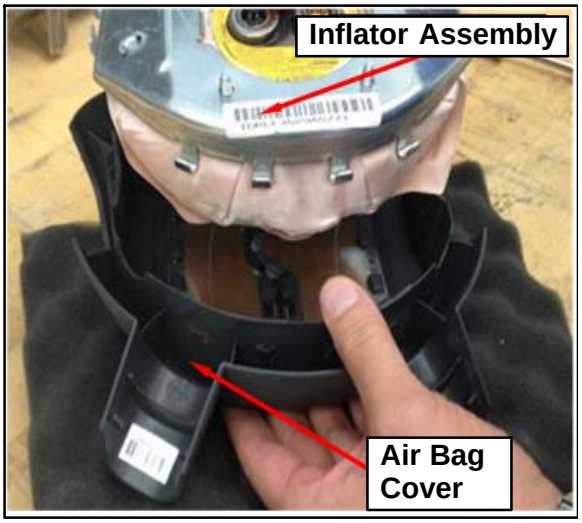
12. Unsnap the top hooks by pressing down on the inflator assembly until the hooks unsnap from the air bag cover windows.



13. Unsnap the right side hooks by pressing down on the inflator until the hooks unsnap from the air bag cover.



14. Gently pull the inflator assembly up slowly, making sure the hooks are clear from the windows on all sides.



15. Disengage the inflator assembly from the air bag cover and set it aside for shipping.

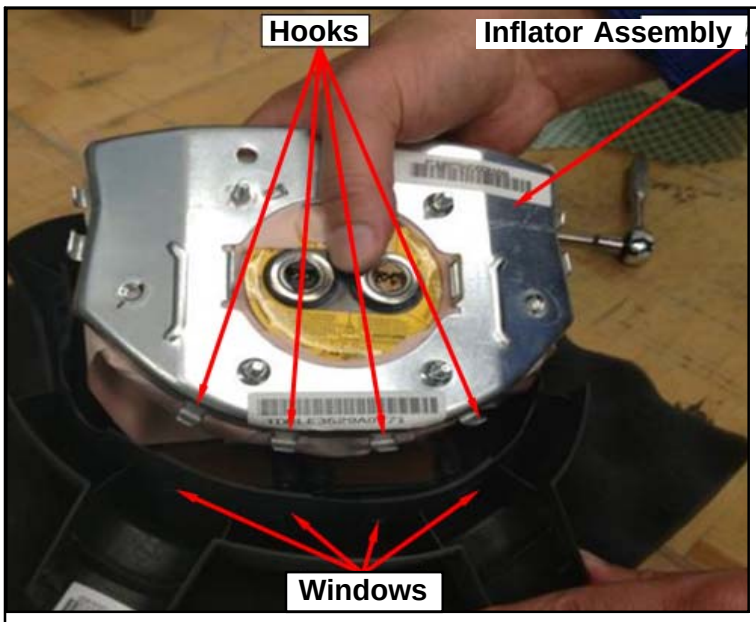
⚠ WARNING	**To avoid personal injury or death, the driver air bag trim cover must never be painted. Replacement trim covers are serviced in the original colors. Paint may change the way in which the material of the trim cover responds to an air bag deployment. Failure to observe this warning could result in occupant injuries upon air bag deployment.**

⚠ WARNING	**To avoid personal injury or death, use extreme care to prevent any foreign material from entering the driver air bag, or becoming entrapped between the driver air bag cushion and the driver air bag trim cover. Failure to observe this warning could result in occupant injuries upon air bag deployment.**

⚠ CAUTION	***If the Mitsubishi emblem on the air bag cover becomes loose during driver frontal air bag inflator removal, replace the air bag cover.***

16. Install the new inflator assembly to the air bag cover by first inserting the bottom hooks into the windows.

NOTE: Ensure the driver air bag trim cover is properly folded over the air bag cushion and remains folded during installation.

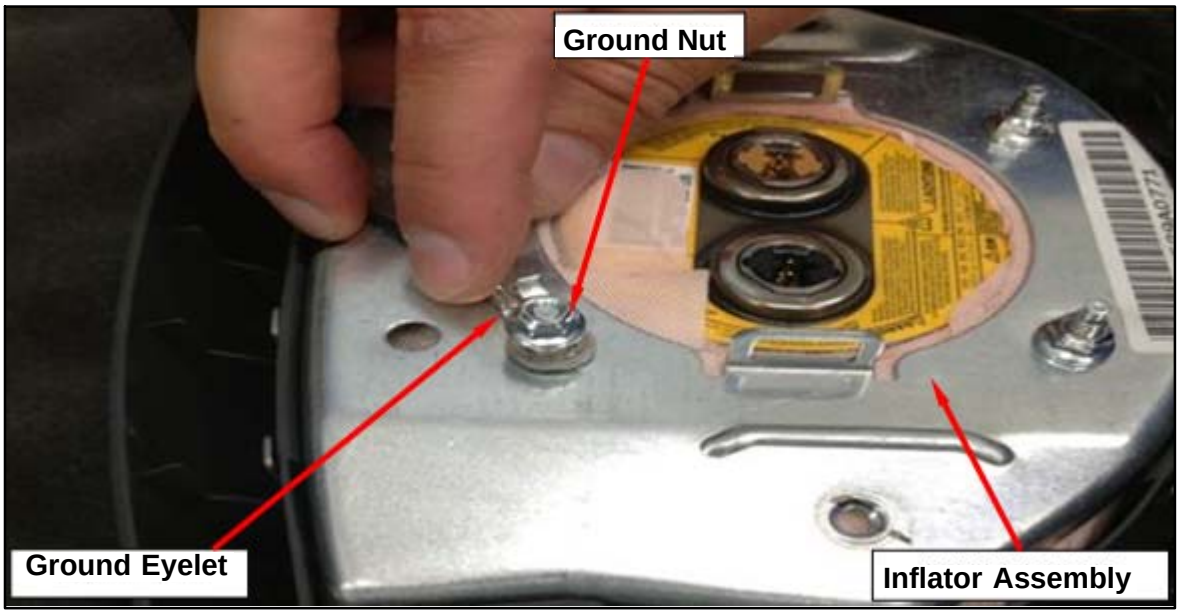


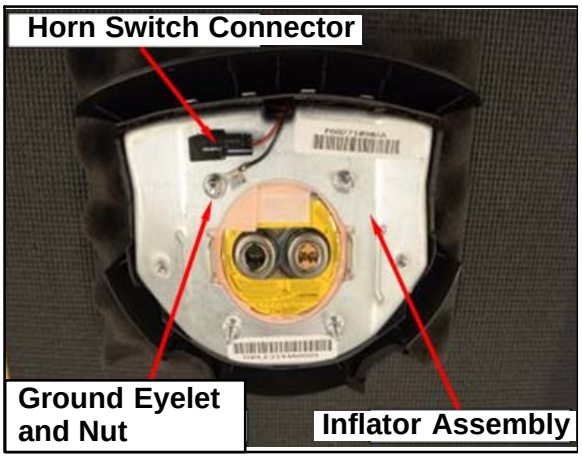
17. Snap all the remaining hooks on all sides into place.

18. Pull on the inflator assembly to engage the windows and hooks on all sides.

    NOTE: Visually inspect and verify that all hooks are fully engaged with the windows on all sides.

19. Install the ground outlet on the upper right stud. Install the new ground nut provided with the replacement driver air bag inflator and tighten to 26 in−lbs (3 N−m).





20. Clip the horn switch connector to the inflator assembly.

21. Driver air bag retrofit is complete. Position the driver air bag to the steering wheel to connect the (3) electrical connections on the back of the airbag housing − (1) horn switch connector and (2) air bag squib connectors. See illustration in Step 3 for reference.

22. Connect the two airbag squib connectors to the air bag inflator assembly connector receptacles by pressing straight in on the connector. **Be certain to engage each keyed and color−coded connector to the matching connector receptacle. Be certain that each connector is fully engaged in its receptacle by listening carefully for a distinct, audible click as the connector latches snap into place.**

23. Connect the steering wheel wire harness connector for the horn switch to the horn switch connector which is located on the back of the inflator assembly.

24. Carefully position the driver airbag in the steering wheel. **Be certain that the clockspring pigtail wires and the steering wheel wire harness in the steering wheel hub area are not pinched between the driver airbag and the steering wheel armature.**

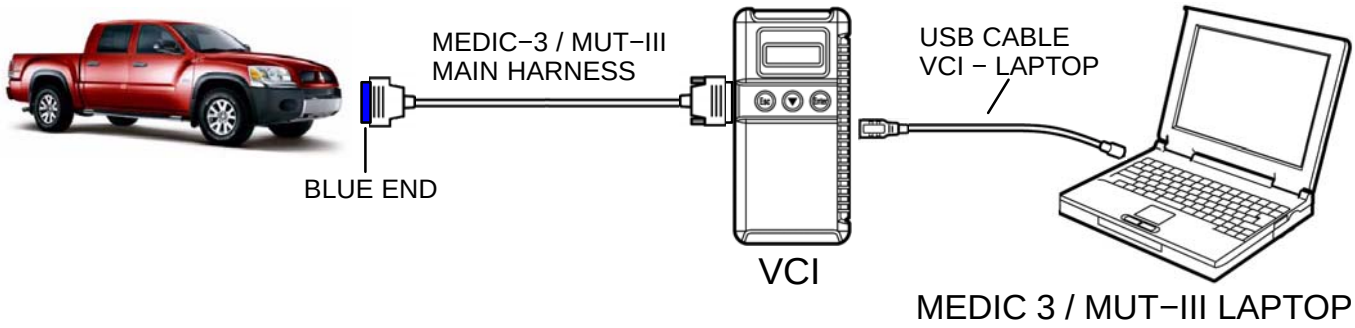
25. Install and tighten the (2) 10 mm bolts that secure the driver airbag to the steering wheel armature. Tighten the bolts to 90 in. lbs (10 N−m). See illustration in Step 2 for reference.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS) VERIFICATION TEST

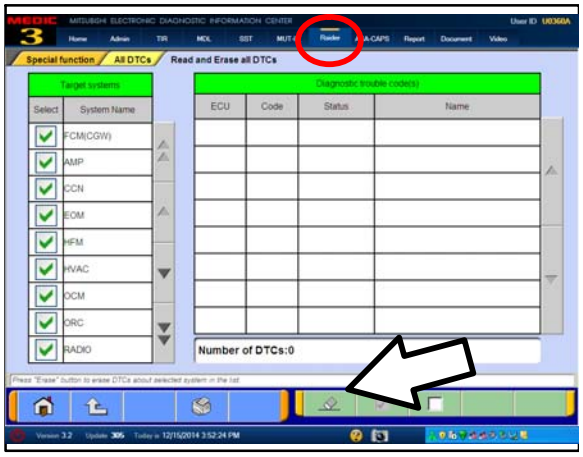
⚠ WARNING	**Do not reconnect the negative (−) battery cable until instructed.**

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.



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. Remove the masking tape from the steering column if previously applied. Depress the horn and ensure it is functioning properly.

7. Reinsert the foam block and repackage the old driver air bag inflator in the shipping materials used for the new, replacement inflator. Follow the instructions in the **Parts Information** section and return the inflator directly to Takata.

PARTS INFORMATION

Use the genuine Mitsubishi Part listed below:

Description	Part Number	Quantity
Kit, Air Bag Inflator	CBRZP401AA	1

Immediately return the removed air bag inflator module to Takata utilizing the documents provided with the new part (sample attached below). Your CCN for the shipment can be found on the MDL > Parts > Parts Information > Hazardous Materials > Takata Air Bag Inflator Campaign CCN.

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: 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

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

48 STATE FEDEX GROUND SHIPMENT PREPARATION

As the shipper, you are responsible for proper packing and document completion. The person packaging the inflator must have received hazardous material training per 49CFR 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: 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

1. Shipping Documents

OP 900PRP Hazardous Materials Certification Form

FedEx Ground Shipping Label

FedEx Ground Shipping Envelope

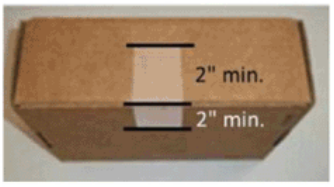
2. Packing Instructions

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

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

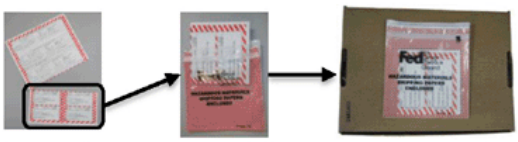
3. Closure Instructions

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



4. Shipping Documentation Instructions

a) Separate the bottom 4 labels (OP 900PRP form), place them in the FedEx Ground envelope, remove the backing and firmly place on bottom side of box.



b) Peel off the Box Copy of the OP 900PRP form and firmly apply to the front side of the box.

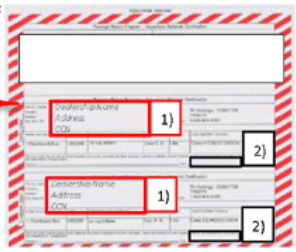
5. Shipping Documentation Instructions (Cont.)

a) Fill in the following on the FedEx Copy and the customer copy:

- Shipper Name (dealer)
- Address
- CCN

1)

b) Date the FedEx Copy and Customer copy (MM/DD/YY) 2)



6. Shipping Documentation Instructions (Cont.)

a) Peel off the SHIPPER RECEIPT from the top of the FedEx Ground PRP Shipping label, place it in the Tracking ID box on the Customer Copy of the OP 900PRP form. 3)

b) Peel off the RECEIPT & SHIPPER NUMBER from the top of the FedEx Ground PRP Shipping label, and place it in the Tracking ID box on the FedEx copy. 4)

7. Shipping Documentation Instructions (Cont.)

a) Separate the FedEx Copy and Customer Copy of the OP 900PRP form. Keep the FedEx copy with the box. Attach the Customer Copy to the Repair Order.

Note: Dealers must retain the Customer Copy of OP 900PRP form in their records for 2 years.

Dealership Copy

8. FedEx Ground PRP Shipping label

a) Fill in Shipper Name & Address in the upper section of the FedEx Ground Shipping label. Note: (RMA# is not required). 1)

b) Peel off the backing of the FedEx Ground PRP Shipping label and affix to top of box to left of the Class 9 label. 2)

- 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.

c) Provide the package and the FedEx Copy of The OP 900PRP form to the FedEx Ground Driver.

Note: If you don't receive regular pickups from Fed-Ex, call 888-777-6040 to schedule a pickup of the package.

Requesting a New Box / Shipping Labels

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

Primary Contact: **Miguel Prigadaa - Tel #: 210-250-5078**

E-Mail: MLGTakataRestraints_International@menloworldwide.com

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

a) Serial number on the original box

b) What Type of shipping material needed

- OP-900prp Hazardous Materials Certification Form
- FedEx Ground Shipping Label
- FedEx Ground Shipping Envelope

c) 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 Driver's Side Air Bag Inflator kit	C1415R01	0.7 hours	CBRZP401AA

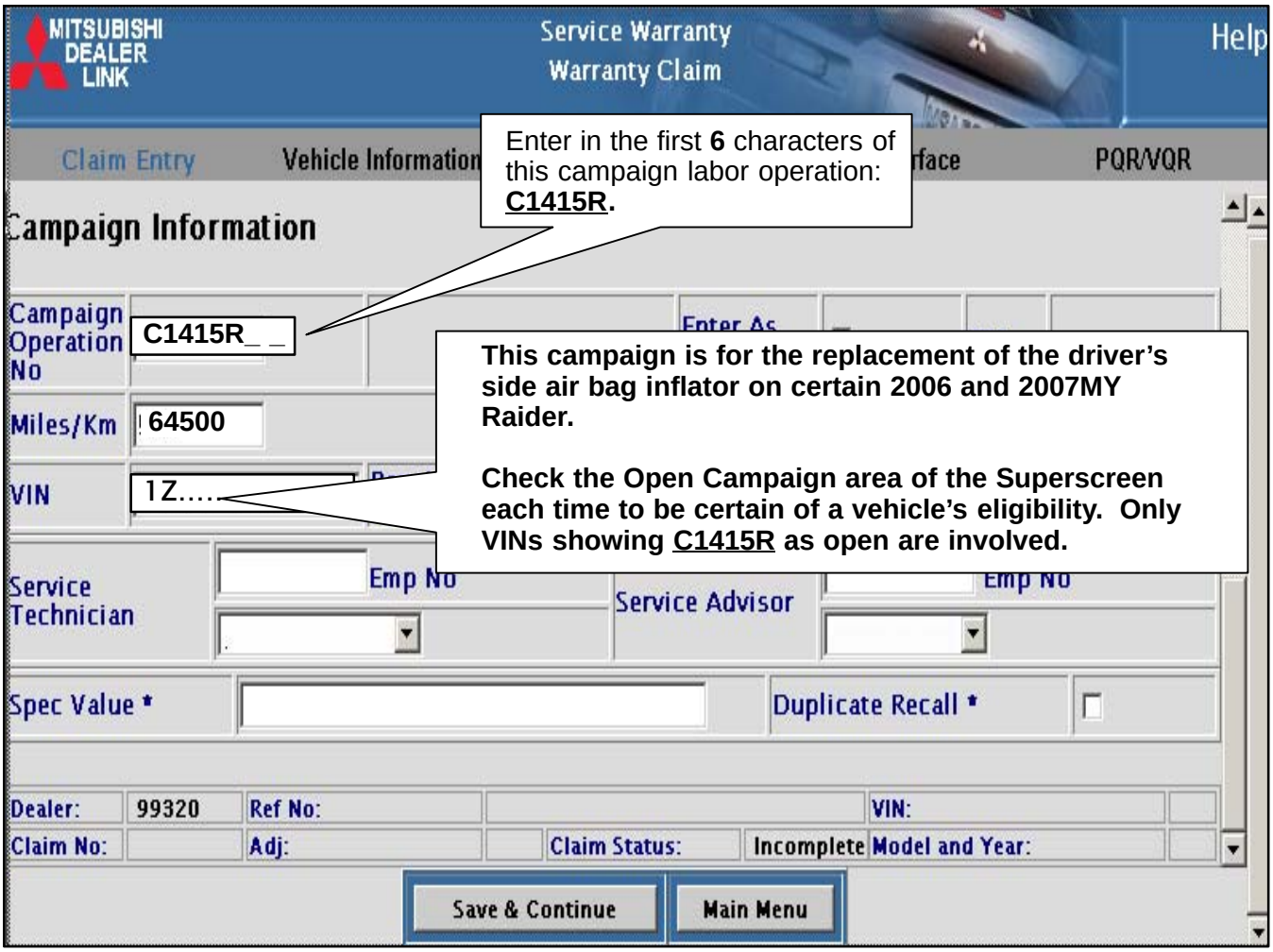
WARRANTY / RECALL CAMPAIGN CLAIM INFORMATION

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

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

Required Operation to be performed	Labor Operation	Labor Time
1. 2006−2007MY Raider − Replace Driver's Side Air Bag Inflator Kit	C1415R01	0.7 hrs.

Claim Header Section: Air Bag Inflator Replacement

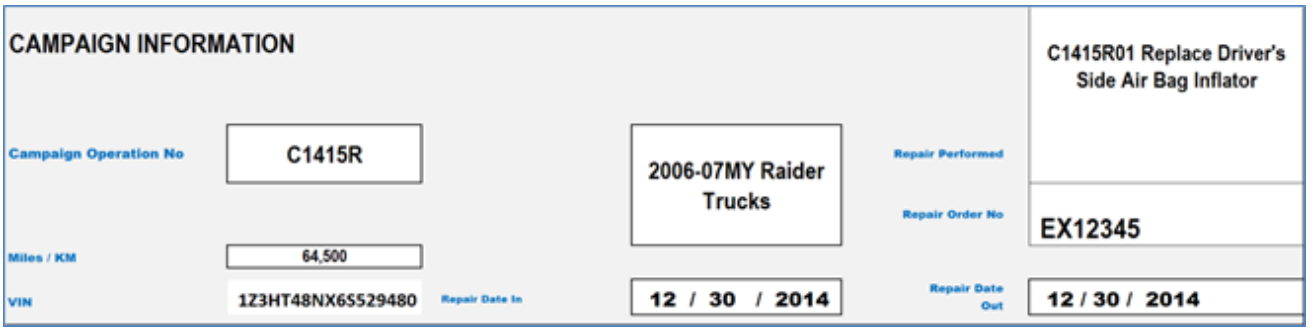


Enter in the first **6** characters of this campaign labor operation: **C1415R**.

This campaign is for the replacement of the driver's side air bag inflator on certain 2006 and 2007MY Raider.

Check the Open Campaign area of the Superscreen each time to be certain of a vehicle's eligibility. Only VINs showing C1415R as open are involved.

After entering the required customer data, vehicle information and applicable campaign labor 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.



Service Campaign Claim Example:

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

**−−−

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

MITSUBISHI MOTORS

IMPORTANT SAFETY RECALL

This notice applies to your vehicle, _____.

Date: December, 2014

Dear Mitsubishi Owner,

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 Raider.

The driver airbag inflator housing in your vehicle may rupture, due to excessive internal pressure, during normal airbag deployment events. This condition is more likely to occur if your vehicle has been exposed to high levels of absolute humidity for extended periods of time. An inflator rupture could result in metal fragments striking and potentially seriously injuring vehicle occupants.

What you should do: Please contact your local Authorized Mitsubishi Motors dealer and schedule an appointment to have the driver 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 make this replacement to your vehicle, free of charge.)

What your dealer will do: The dealership will replace the driver air bag inflator.

How long will it take? The time needed for this repair is approximately **1.0** hr. 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.

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 driver 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.

C1415R

SAMPLE