

May 25, 2018

Version 1

## Warranty Extension: Customer Support Program For Front Passenger's Airbag Inflator for 2003 MDX (Expires October 31, 2022)

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2003	MDX	ALL	Check the iN VIN status for eligibility.

### BACKGROUND

This bulletin is a notification of a class action settlement relating to airbag inflators. American Honda is offering a Customer Support Program (Warranty Extension) to cover any manufacturing defects to the replacement front passenger's airbag inflator only.

**The warranty extension does not cover the following:**

- Airbag deployment
- Aftermarket airbag inflator or aftermarket airbag assemblies (modules)
- Any vehicle that has ever been declared a total loss or sold for salvage by a financial institution or insurer
- Any vehicle that has a branded or similar title under any state's law

The Customer Support Program expires for this group of vehicles on **October 31, 2022**.

Do the inspection procedure to determine if an inflator defect is the cause of the problem. If it is, replace the airbag module under this Customer Support Program.

### NOTES

- **Any inspection is customer pay unless the inflator is found defective.** If the inflator is defective, troubleshooting is also covered by the Customer Support Program. If you have questions or concerns whether an inflator is defective, contact your DPSM for assistance.
- If the affected vehicle has an open safety recall for the front passenger's inflator, **do the indicated safety recall first.** This warranty extension applies only if the replacement inflator fails at a later date.
- This warranty extension applies to failed replacement inflators only.

### CLIENT NOTIFICATION

Owners of affected vehicles have been sent a notification from the class action group.

Do an iN VIN status inquiry to make sure the vehicle is shown as eligible.

**CLIENT INFORMATION:** The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Acura automobile dealer.

## CORRECTIVE ACTION

Follow the INSPECTION PROCEDURE to determine if the failure is caused by a defective inflator. If it is, the Customer Support Program applies; replace the airbag module. **Do not replace only the inflator.**

### NOTES

- Replace the airbag module under the Customer Support Program only if directed by this bulletin.
- Make sure to check for aftermarket airbag assemblies or counterfeit inflators, which are not covered under the Customer Support Program.

## REQUIRED TOOLS

Tool Name	Tool Number	Quantity
SRS Inflator Simulator	07SAZ-TB4011A	1
SRS Simulator Lead F	07XAZ-SZ3A100	1

## INSPECTION PROCEDURE

### NOTE

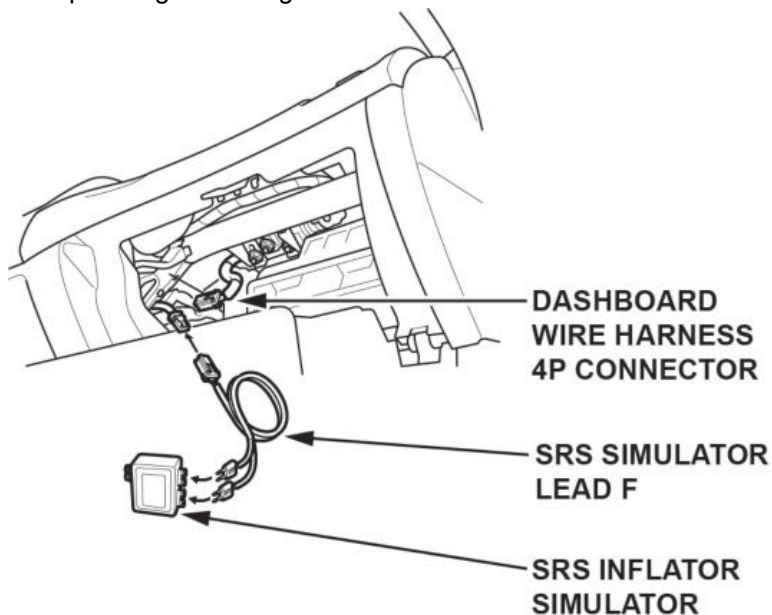
Before doing this troubleshooting procedure, review SRS Precautions and Procedures, General Troubleshooting Information, and Battery Terminal Disconnection and Reconnection. Refer to the service information.

1. Check the SRS indicator.
  - If the SRS indicator is not on, this bulletin does not apply. Continue with normal troubleshooting.
  - If the SRS indicator is on, go to step 2.
2. Check the vehicle history to see if the vehicle ever has been declared a total loss or sold for salvage by a financial institution or insurer, or has a branded or similar title under any state's law.
  - If the vehicle has been declared a total loss, sold for salvage by a financial institution or insurer, or has a branded or similar title under any state's law, this bulletin does not apply.
  - If the vehicle has a clear history, go to step 3.
3. Check if the airbag deployed.
  - 3.1. If the airbag deployed, this bulletin does not apply.
  - 3.2. If the airbag has not deployed, go to step 4.
4. Check for any of the following SRS DTCs using the i-HDS:
  - 12-1x (open in the front passenger's airbag first inflator)
  - 12-3x (short to another wire or decreased resistance in the front passenger's airbag first inflator)
  - 12-4x (open in the front passenger's airbag second inflator)
  - 12-6x (short to another wire or decreased resistance in the front passenger's airbag second inflator)
  - 12-8x (short to power in the front passenger's airbag first inflator)
  - 12-9x (short to ground in the front passenger's airbag first inflator)
  - 12-Ax (short to power in the front passenger's airbag second inflator)
  - 12-Bx (short to ground in the front passenger's airbag second inflator)

### NOTES

- There may be some variations in the DTC description.

- You must use the i-HDS and an acceptable interface (MVCI or DST-i). DTCs found in ODS do not apply.
  - If there are SRS DTCs that are stored, but not on this list, contact your DPSM for assistance. Those DTCs may pose a danger to the customer or the technician.
- If any of the listed SRS DTCs are stored, go to step 5.
  - If no SRS DTCs are stored, this bulletin does not apply.
5. Clear the DTC(s).
  6. Turn the ignition OFF.
  7. Turn the ignition to ON, not ACC, then wait 10 seconds.
  8. Check to see if any of the listed SRS DTCs returned.
    - If any one of the listed DTCs returned, write down the DTC(s) and go to step 9.
    - If none of the listed DTCs returned, the Customer Support Program does not apply.
  9. Turn the ignition to OFF.
  10. Disconnect the negative cable from the battery, and wait at least 3 minutes.
  11. Access the front passenger's airbag, and disconnect the dashboard wire harness connector 4P connector from the front passenger's airbag 4P connector.



12. Connect the terminals of SRS simulator lead F to the SRS inflator simulator (2  $\Omega$  connectors), then connect SRS simulator lead F to the 4P connector as shown.
13. Reconnect the negative battery cable.
14. Turn the ignition to ON, not ACC, and wait 10 seconds.
15. Check if the SRS DTC listed in step 8 returns.
  - If the same SRS DTC returned, the inflator is OK. The Customer Support Program does not apply. Continue with normal troubleshooting.
  - If the same SRS DTC **did not** return, go to the REPAIR PROCEDURE.

## PARTS INFORMATION

Part Name	Part Number
Refer to the parts catalog using the VIN to ensure the correct airbag module and ancillary parts are ordered.	Refer to the parts catalog.

- **Make sure the airbag inflator is removed from the airbag module.** See *Remove the Inflator From the Original Airbag Module* section of this bulletin.
- The new airbag module box must be used to return the old airbag module **without the inflator** to American Honda (if requested). Be careful not to damage the airbag module box.
- To return the inflator, follow the shipping instructions outlined in the parts information bulletin B15-0006, *Inflator Kit Return Process*.
- Parts staff can scan the part number and serial number from the outside of the box into the warranty claim by using the Controlled Part Serial No. screen and scanning the applicable information. Refer to the Job Aid *Ordering and Managing Replacement Inflators* for more information.

## WARRANTY CLAIM INFORMATION

- To avoid non-payment of warranty claims, the new airbag module part number and serial number must be included in each claim. For more information, refer to step of REPAIR PROCEDURE.
- To avoid a warranty claim being charged back to your dealership, follow the normal warranty part retention rules. American Honda may call in the original airbag module.
- The serial number is encoded into the bar code label attached to the outside of the box. If your dealership uses a scanner, you can scan the serial number into the claim.
- The part number is encoded into a barcode attached to the outside of the box. If your dealership uses a scanner, you can scan the part number into the claim.
- **If you confuse the serial number and part number when entering the claim information,** your claim will automatically be rejected.
- You must enter a DTC in the DTC field of the warranty claim.
- The FRT includes time for the inspection and replacement of the airbag module.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Failed Part Number
7541D5	2003 MDX	0.6 hr	6P200	O1000	06780-S3V-A20ZA

Skill Level: Repair Technician

## REPAIR PROCEDURE

### NOTES

- **If the VIN status inquiry indicates that the vehicle is subject to any open safety recalls, including a passenger's airbag inflator campaign/recall, make sure to also complete those recall repairs before returning the vehicle to the client. If you are unable to complete any open recall, have the service consultant notify the client of the recall status and when the recall could be completed.**
- Make sure you have reviewed the SRS Precautions and Procedures in the service information before doing the repair.
- Be careful not to damage any parts when replacing the module, and **follow the procedure exactly** .

- Make sure you have the anti-theft code for the audio and navigation system (if applicable), then write down the frequencies for the audio unit's preset buttons.
  - If, before removing the airbag, you suspect that it may be the incorrect airbag for the vehicle or a counterfeit, **do not remove the airbag**. Contact your DPSM for assistance.
  - Do not open the new module box until you have confirmed the vehicle's module is not counterfeit because if you have to return the new module, the kit must be unopened.
  - Make sure you have reviewed the SRS Precautions and Procedures in the service information before doing the REPAIR PROCEDURE.
1. Do this REPAIR PROCEDURE only if you were directed here from the INSPECTION PROCEDURE.
  2. Disconnect the battery negative cable, and wait at least 3 minutes before continuing.
  3. Remove the front passenger's airbag module. Refer to the applicable service information.
  4. Place the airbag module, face down, on a clean shop towel.
  5. Visually inspect the airbag module and the inflator for any unusual writing or markings. Click [HERE](#) to watch a video to help identify counterfeit airbags.
    - If there is nothing unusual about the airbag module or the inflator, continue with the airbag module replacement procedure. Refer to the service information.
    - If there are any unusual markings, like an incorrect label or a model year written in marker, the airbag module and inflator may not be the correct airbag module and/or inflator for the vehicle or it may be a counterfeit part. For more information about counterfeit airbags, you can refer to [safercar.gov](http://safercar.gov), enter keywords **MANAGING COUNTERFEIT**, and select **Recommended Dealer Guidance for Managing Counterfeit Air Bags** from the list. **If you suspect that the airbag module or inflator is counterfeit, do not continue this procedure.** Contact your DPSM for assistance.

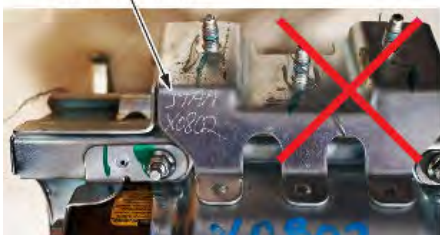
NON-STANDARD SAFETY LABEL



GREASE PENCIL OR PAINT MARKINGS



HAND ENGRAVING



NO LABELS ON INFLATOR





6. Write the serial number and part number from the outside of the airbag module box on the RO.



7. Install the new front passenger's airbag module. Refer to the service information.
8. Reconnect the battery negative cable.
9. Start the vehicle and check that the SRS indicator comes on for about 6 seconds, then goes off.
10. Give your warranty clerk the RO that includes the replacement airbag module serial number and replacement part number. For the warranty claim to be paid, the **replacement part number** must be included in the warranty claim.
11. Go to REMOVE THE INFLATOR FROM THE ORIGINAL AIRBAG MODULE to remove the inflator from the original airbag module, and return the inflator and airbag module (if requested).

## REMOVE THE INFLATOR FROM THE ORIGINAL AIRBAG MODULE

### NOTE

You must remove the original inflator from the airbag module, and return the inflator as part of your pallet shipment to its supplier.

1. Order a new inflator box from XPO to return the original airbag module inflator. Use the contact information below:  
Primary Contact: Tel#: 1-210-250-5079  
Email: SCFieldAction.14305@xpo.com
2. Remove the harness from the inflator bracket.
3. Short the red and yellow wires.

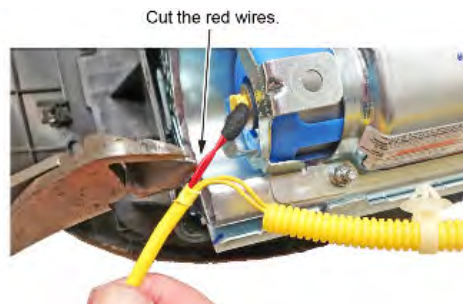
### NOTE

**Depending on the vehicle, you must cut the red or yellow wires to remove the inflator, and both sets of wires must be shorted to prevent accidental deployment.**

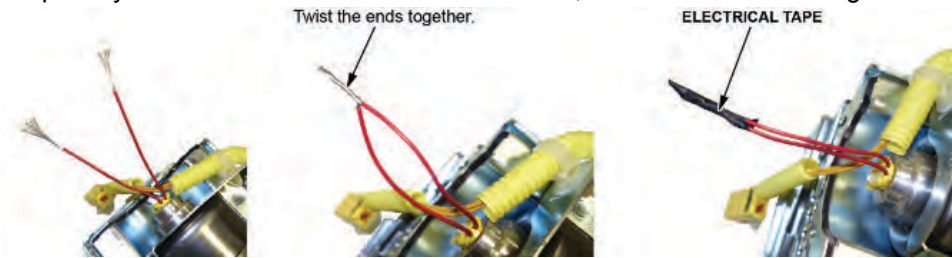
- 3.1. Cut the red wires about 2 inches from the inflator.

### NOTE

There may be some protective tube covering the wires that needs to be cut away to access the wires.

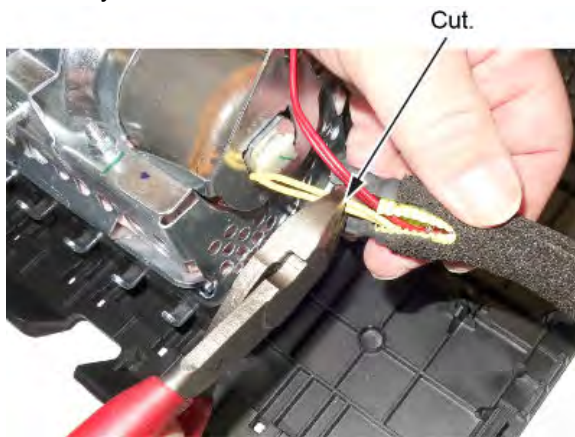


3.2. Strip away about 1 inch of the red wire insulation, then twist the wires together.



3.3. Tape the twisted ends with electrical tape.

3.4. Cut the yellow wires about 2 inches from the inflator.

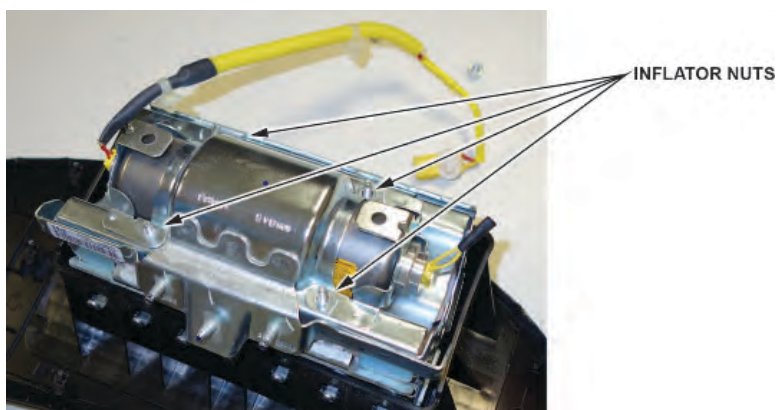


3.5. Strip away about 1 inch of the yellow wire insulation, then twist the wires together.



3.6. Tape the twisted ends with electrical tape.

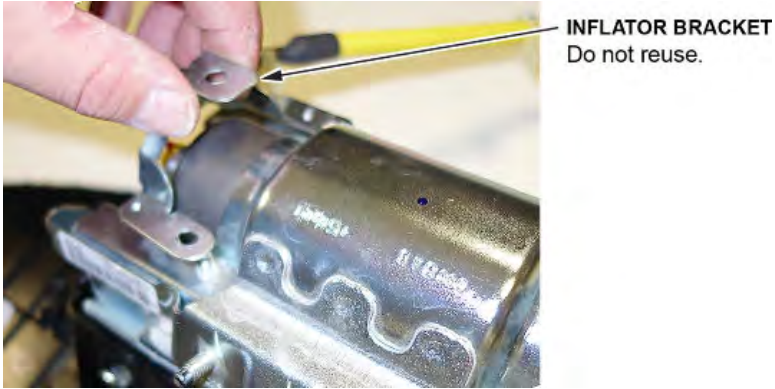
3.7. Remove the four inflator nuts.



4. Remove the inflator bracket.

**NOTE**

You can only remove one of the brackets, as the other is welded to the airbag housing.



5. Remove the inflator by pulling it out.



6. Put the original inflator into the new inflator box acquired from XPO. Make sure there is no other hardware in the box because if the package rattles, it will not be accepted by the courier.
7. Follow the shipping instructions outlined in PIB B15-0006 to return the undeployed inflator.
8. Place the original airbag module (without the inflator) in the airbag module box that the replacement came in. Properly fill out and attach a warranty claim tag to it. The original airbag module may be called in by AHM.

END