

July 29, 2016

04135 Version 5

Safety Recall: Takata Front Passenger's Airbag Inflator (Phase 1)

Supersedes 16-029, dated July 12, 2016 to include Passenger Inflator Kit Part Numbers

Following NHTSA direction, there are now five phases based on three different zones. This bulletin begins with Phase 1.

NOTE: The vehicles that are shaded are part of the campaign, but repair procedures are not currently available. This bulletin will be revised when repair procedures are available.

AFFECTED VEHICLES

Zone A

Year	Model	Trim	VIN Range
2009–11	TSX	L4	Check the iN VIN status for eligibility
2010–11	TSX	V6	Check the iN VIN status for eligibility
2011	TSX Sport Wagon	ALL	Check the iN VIN status for eligibility
2010–11	ZDX	ALL	Check the iN VIN status for eligibility

Zone A applies to model year 2011 and older vehicles that are located or have ever been registered in Alabama, California, Florida, Georgia, Hawaii, Louisiana, Mississippi, South Carolina, Texas, Puerto Rico, American Samoa, Guam, the Northern Mariana Islands (Saipan), and the U.S. Virgin Islands.

Zone B - There are no affected vehicles in Zone B

Zone B applies to model year 2008 and older vehicles that are located or have ever been registered in Arizona, Arkansas, Delaware, District of Columbia, Illinois, Indiana, Kansas, Kentucky, Maryland, Missouri, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, Ohio, Oklahoma, Pennsylvania, Tennessee, Virginia, and West Virginia.

Zone C – There are no affected vehicles in Zone C

Zone C applies to model year 2004 and older vehicles that are located or have ever been registered in Alaska, Colorado, Connecticut, Idaho, Iowa, Maine, Massachusetts, Michigan, Minnesota, Montana, New Hampshire, New York, North Dakota, Oregon, Rhode Island, South Dakota, Utah, Vermont, Washington, Wisconsin, and Wyoming.

REVISION SUMMARY

Repair procedures are available for the 2009–11 TSX, 2010–11 TSX V6 and 2011 TSX Sports Wagon.

NOTE: Use the PSP16 Special tool to make sure the inflator harness is properly connected. You received 2 of these tools recently with more coming within a few weeks.

BACKGROUND

NHTSA and its independent expert reviewed the findings of three independent investigations into the Takata airbag inflator ruptures. According to NHTSA, the combination of time, high temperature fluctuations, and humidity contribute to the degradation of the propellant in the inflators. NHTSA has concluded that this degradation can cause the propellant to burn too quickly, creating more pressure than the inflator can withstand and, in extreme cases, causing the inflator to rupture and send shrapnel through the airbag toward vehicle occupants. NHTSA is prioritizing the recall of airbag inflators based on the risk of injury or death to vehicle occupants.

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.

To comply with NHTSA's direction, there are five planned phases to this campaign. The subsequent phases will launch at a future date according to NHTSA direction, but it will be several years before the final phase 5 launches. Additionally, AHM may add new affected models or affected years to each phase. Always do an iN VIN status inquiry to see if a vehicle is affected.

For more information about these inflator recalls, go to www.safercar.gov and use keyword TAKATA.

Some vehicles affected by this campaign may be in your used vehicle inventory. Failure to repair a vehicle subject to a recall or campaign may subject your dealership to claims or lawsuits from the customer or anyone else harmed as a result of such failure. In addition, state law may provide American Honda with the right to seek indemnification in any such claim or lawsuit. To see if a vehicle in inventory is affected by this recall, do a VIN status inquiry before selling it.

NOTE: If the VIN status inquiry indicates that the vehicle is subject to any open safety recalls, make sure to also complete those recall repairs before returning the vehicle to the client. If you are unable to complete any open recall, advise the client of the recall status and when the recall could be completed.

The inflator will physically look different from previous replacement parts. As a result, there may be different installation instructions. Make sure you review this service bulletin for installation instructions and details about model applicability. PARTS INFORMATION and REPAIR PROCEDURE were updated to reflect these new parts.

CUSTOMER NOTIFICATION

Owners of affected vehicles will be sent a notification of this campaign.

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

Some vehicles affected by this campaign may be in your used vehicle inventory. Failure to repair a vehicle subject to a recall or campaign may subject your dealership to claims or lawsuits from the customer or anyone else harmed as a result of such failure. In addition, state law may provide American Honda with the right to seek indemnification in any such claim or lawsuit. To see if a vehicle in inventory is affected by this recall, do a VIN status inquiry before selling it.

REQUIRED TOOLS

Tool Name	Part Number	Quantity
PSPI6 Gauge Tool	070AJ-TA00A00 or 07AAJ-TA0AA00	1

NOTE:

- Each dealer was sent two to start; more will follow in a couple a weeks. In the future, the gauge will be available for dealer ordering.
- This tool for use on the inflators with blue collars only.

PARTS INFORMATION

Part Name	Part Number	Quantity
2009–11 TSX L4 Front Passenger's Airbag Inflator Kit	04790-TL2-407	1
2010–11 TSX V6 Front Passenger's Airbag Inflator Kit	04790-TL2-407	1
2011 TSX Sport Wagon Front Passenger's Airbag Inflator Kit	04790-TL2-407	1
2010–11 ZDX Front Passenger's Airbag Inflator Kit	04790-SZN-407	1

NOTE:

- Repair procedures are not currently available for the shaded vehicles.
- The inflator kit box must be used to return the recalled inflator to its supplier. Be careful not to damage the inflator kit box.
- If the recalled, undeployed inflator is not returned, the warranty claim for that vehicle will be charged back to your dealership.
- To return the undeployed inflators, follow the shipping instructions outlined in PIB A15-0006, *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.

CORRECTIVE ACTION

Replace the passenger's airbag inflator, then return the original, undeployed inflator as directed.

WARRANTY CLAIM INFORMATION

NOTE:

- Process claims as quickly as possible so that resources can be properly allocated.
- To avoid non-payment of warranty claims, the serial number on the box of the new airbag inflator must be entered into the warranty claim. For more information, refer to step 6 of REPAIR PROCEDURE.
- To avoid a warranty claim being charged back to your dealership, you must return the recalled, undeployed inflator to its supplier. Follow the shipping instructions outlined in PIB A15-0006, *Inflator Kit Return Process*.
- The serial number is encoded into the bar code printed on the label inside of the box and on a label attached to the outside of the box. If your dealership uses a scanner, you can scan the serial number from either place 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.
- For more information about scanning and filing airbag inflator recall claims, refer to **Ordering and Managing Replacement Inflators**. From the iN, select **Service, Warranty**, then **Claims Reference Guide**. Under **HOT TIPS/TOPICS**, select **Ordering and Managing Replacement Inflators**.

Replacing the front passenger's airbag inflator

Year/Model	Operation Number	Replacement Part Number	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
2009–11 TSX L4	7541C5	04790-TL2-407	0.8 hr.	6EA00	KA700	16-029N	77820-TL2-A80
2010–11 TSX V6							
2011 TSX Sports Wagon							

IDENTIFYING COUNTERFEIT AIRBAGS

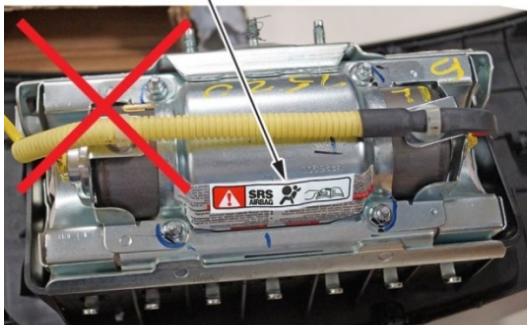
This section goes over the steps to identify counterfeit airbags and applies to all vehicles in this service bulletin. It is referred to in each vehicle's repair procedure.

“IDENTIFYING COUNTERFEIT AIRBAGS” VIDEO

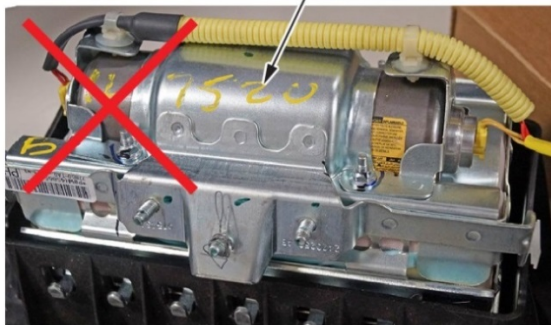


- If there is nothing unusual about the airbag or the inflator, go to step 6.
- If there are any unusual markings, like an incorrect label or a model year written in marker, the airbag and inflator may not be the correct airbag and/or inflator for the vehicle or it may be a counterfeit part. For more information about counterfeit airbags, you can refer to safercar.gov, enter keywords **MANAGING COUNTERFEIT**, and select **Recommended Dealer Guidance for Managing Counterfeit Air Bags** from the list. **If you suspect that the airbag or inflator is counterfeit, do not continue this procedure.** Contact your DPSM for assistance.

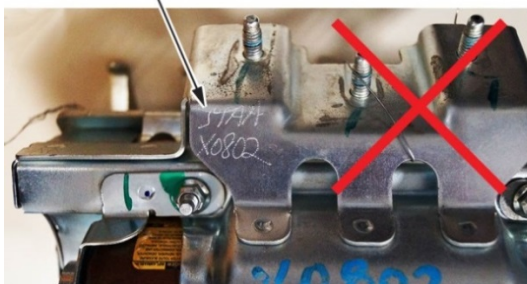
NON-STANDARD SAFETY LABEL



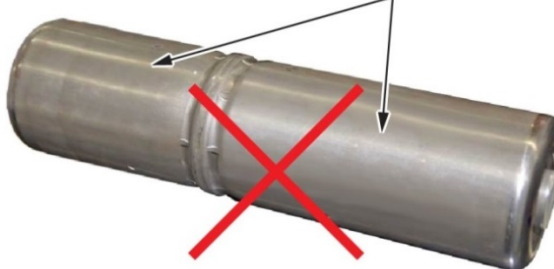
GREASE PENCIL OR PAINT MARKINGS



HAND ENGRAVING



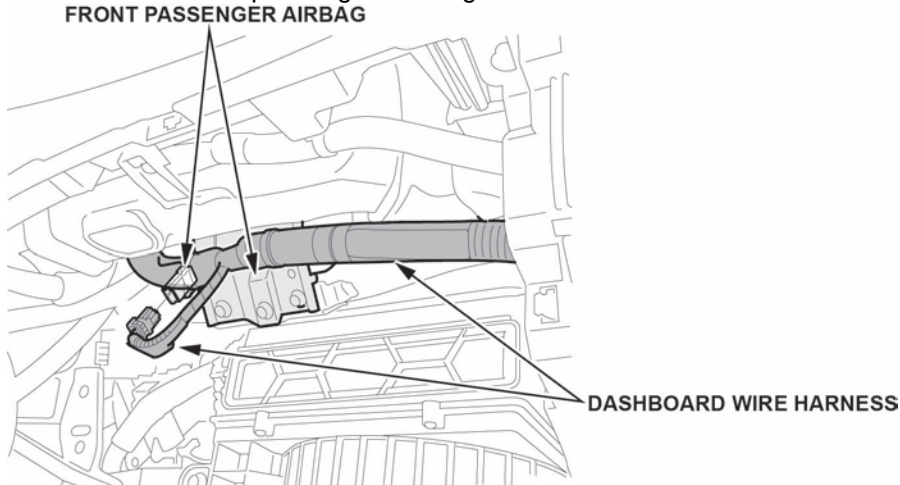
NO LABELS ON INFLATOR



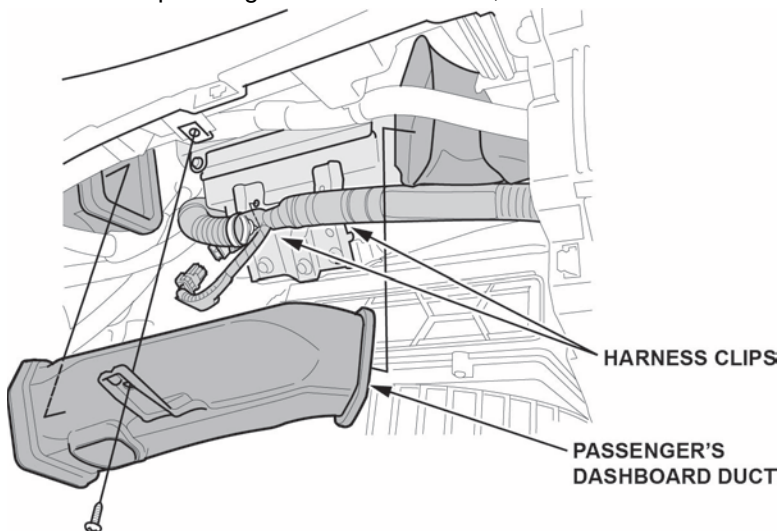
REPAIR PROCEDURE

NOTE:

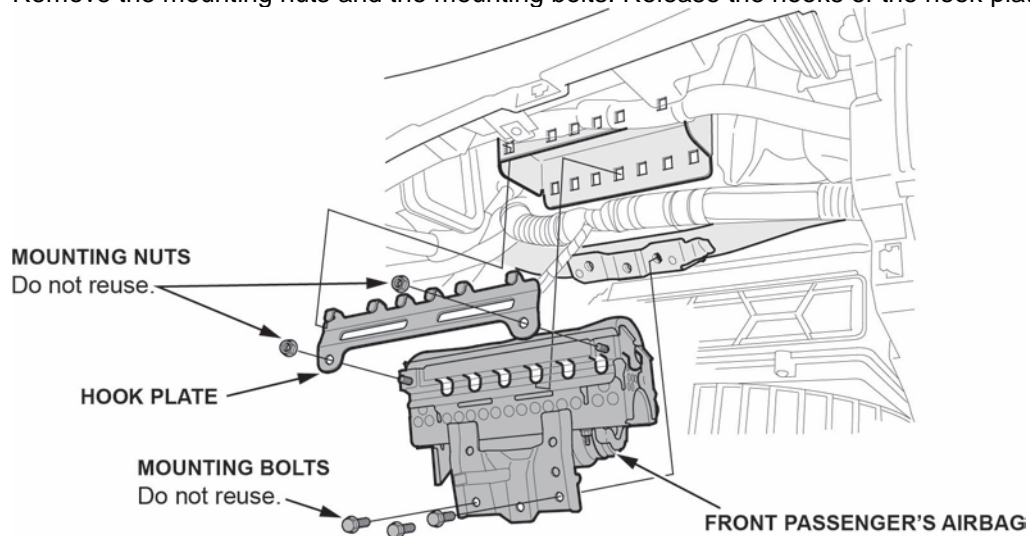
- If the VIN status inquiry indicates that the vehicle is subject to any open safety recalls, including a driver's airbag inflator campaign/recall, make sure to also complete those recall repairs before returning the vehicle to the customer. If you are unable to complete any open recall, advise the customer of the recall status and when the recall could be completed.
 - 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.
 - Be careful not to damage any parts when replacing the inflator, and **follow the procedure exactly**.
 - 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.
 - Make sure you have reviewed the SRS Precautions and Procedures in the applicable service information before doing the REPAIR PROCEDURE.
1. Turn the ignition to ON and check if the SRS indicator comes on for about 6 seconds, then goes off.
 - If the indicator comes on, then turns off after about 6 seconds, go to step 2.
 - If the indicator does not come on, or if it stays on, contact your DPSM for assistance.
 1. Disconnect the battery negative cable and wait at least 3 minutes before continuing.
 2. Remove the glove box and the passenger's dashboard trim.
 3. Remove the front passenger's airbag.
 - Disconnect the front passenger's airbag 4P connector from the dashboard wire harness.



- Remove the passenger's dashboard duct, then detach the harness clips.



- Remove the mounting nuts and the mounting bolts. Release the hooks of the hook plate and remove it.

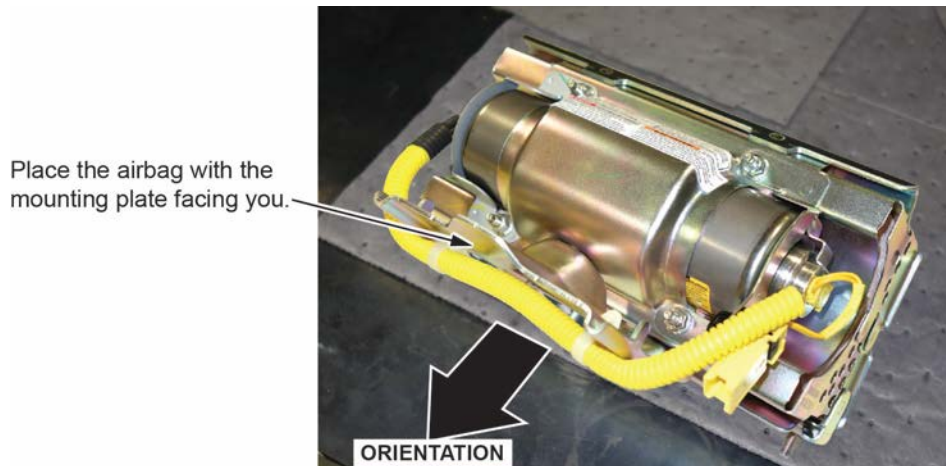


- Remove the front passenger's airbag.

- Place the airbag, face-down, on a clean shop towel.

NOTE:

- The orientation of the airbag is critical because if the inflator is installed incorrectly, the harness will be too short when you reinstall the airbag.
- The brackets between the various models are similar but may differ from the example shown.



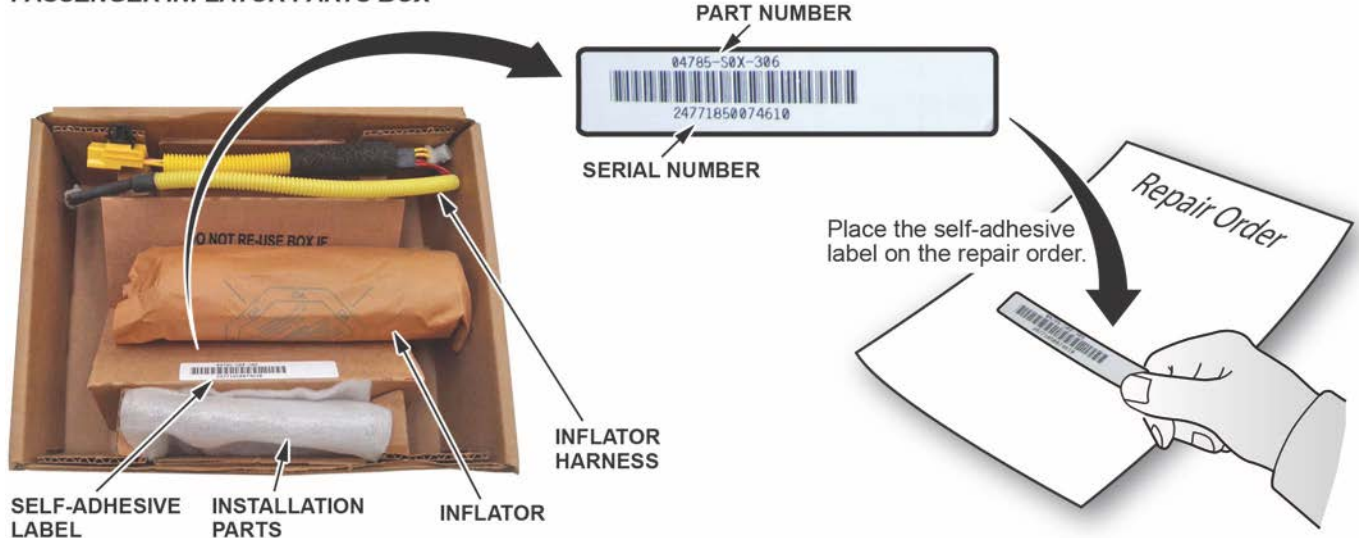
- Visually inspect the airbag and the inflator for any unusual writing or markings. Refer to IDENTIFYING COUNTERFEIT AIRBAGS.

6. Peel the label located inside the inflator box from its backing and attach it to the RO. For the warranty claim to be paid, the **replacement inflator part number that you received** must be included in the warranty claim.

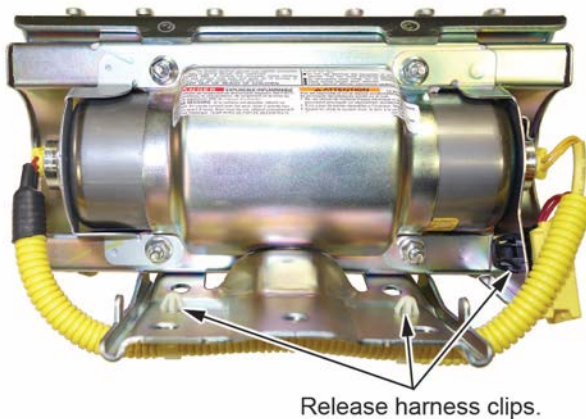
NOTE:

- The replacement part number is printed on the top part of the label and the serial number is printed on the bottom. **Make sure you attach the label to the RO and give it to the warranty clerk.**
- There may also be a colored sticker located in the kit; ignore it because it is not used.
- Not all inflator kits have a label included. In those cases, write the serial number and part number from the side of the inflator box on the RO. The part number always starts with 047.

PASSENGER INFLATOR PARTS BOX



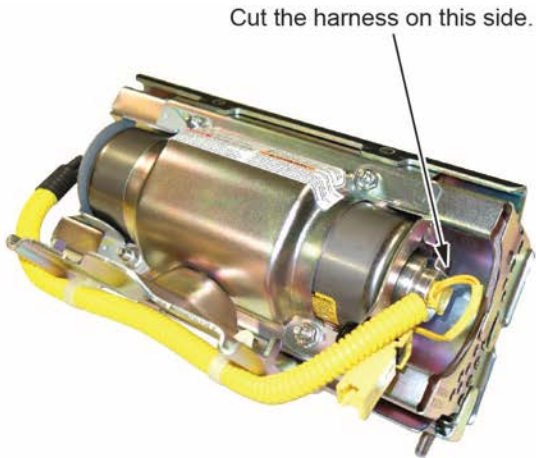
7. Remove the harness from the inflator bracket.



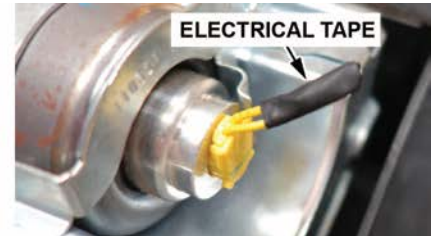
8. Short the yellow wires.

NOTE:

- **You must cut the yellow wires** for inflator removal and short the yellow wires on the inflator side as indicated to prevent accidental deployment.
- **Do not cut the red wires** because the airbag connector shorts these inflator wires.
- Cut the yellow wires as shown.

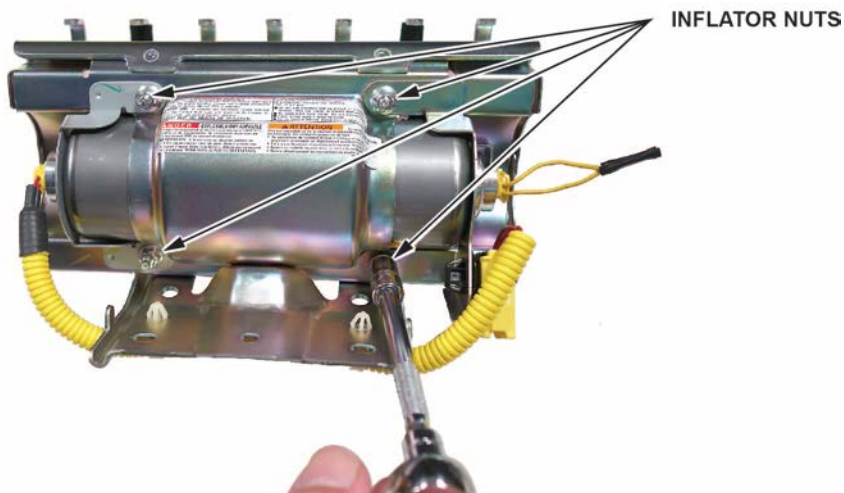


- Strip away about 1 inch of the yellow wire insulation, then twist the wires together.



- Tape the twisted ends with electrical tape.

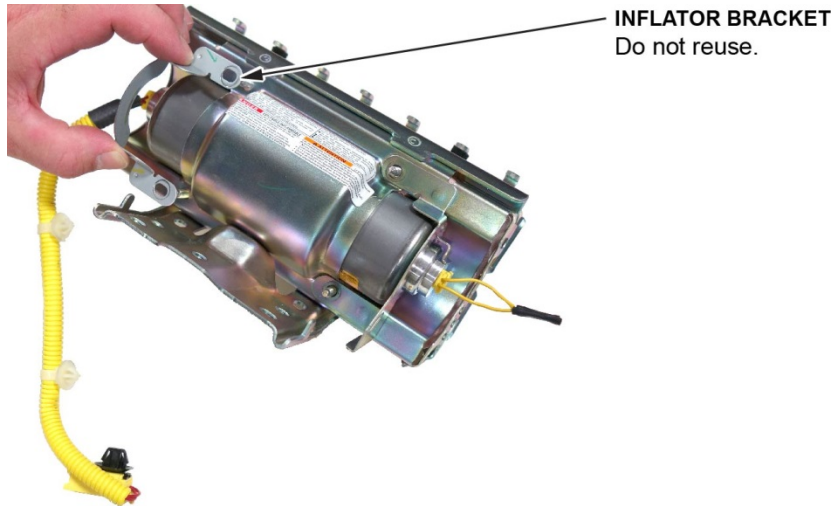
9. Remove the four inflator nuts.



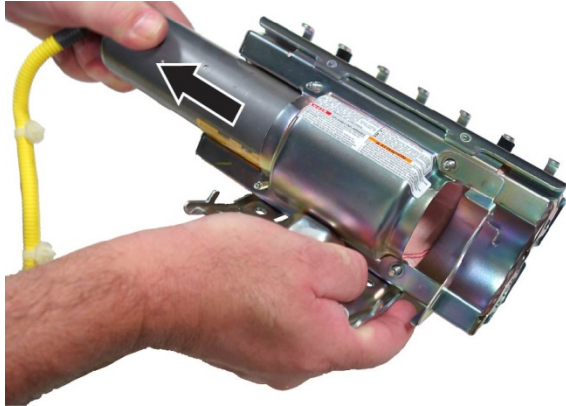
10. Remove the inflator bracket.

NOTE:

- You can only remove one of the brackets, as the other is welded to the airbag housing.
- Do not reuse the bracket; use the new one that came in the inflator kit.



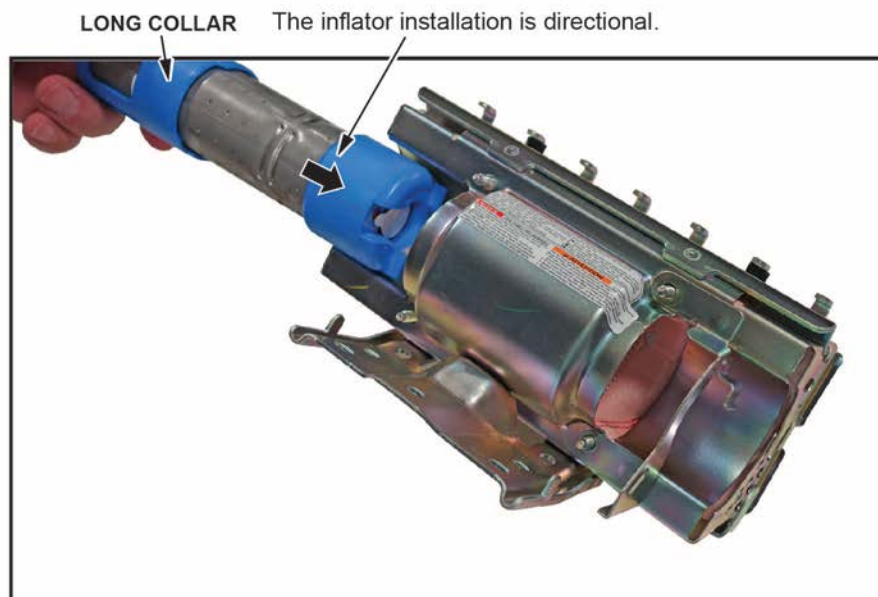
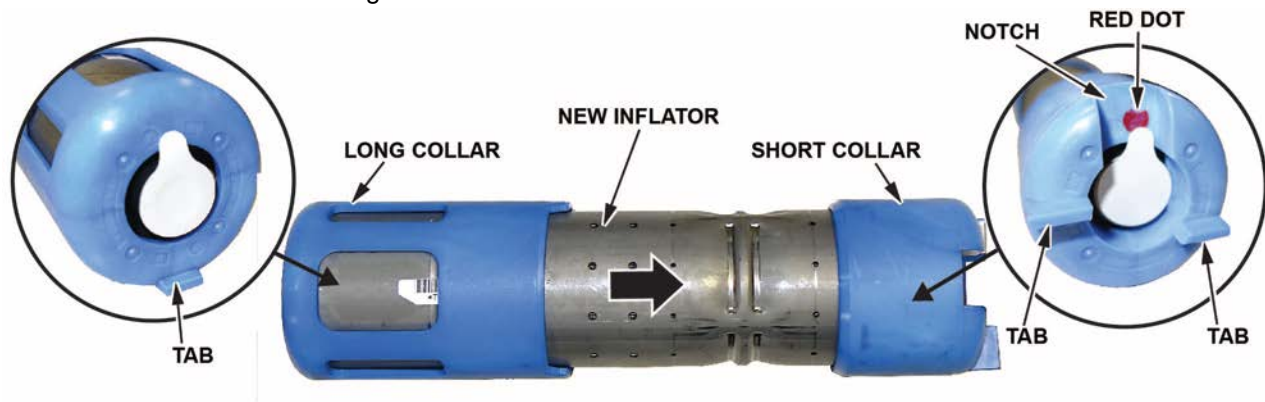
11. Remove the inflator by pulling it out.



12. Install the new inflator.

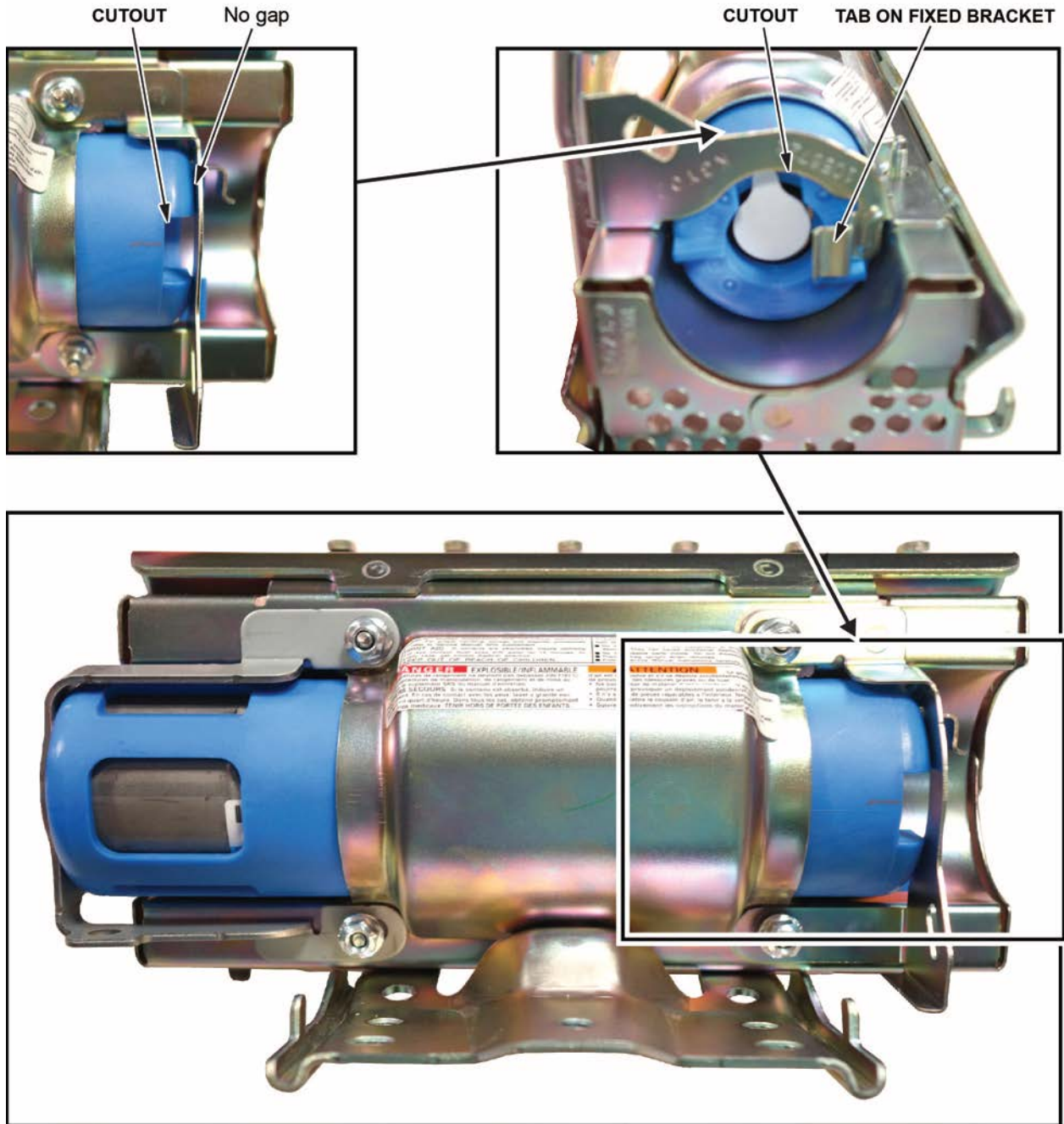
P/N 04790-TL2-407

- One side of the inflator has a longer collar, a single tab, a plastic cutout, and a small flat spot on the connector. The other side of the inflator has a shorter collar, two tabs, and a red dot. Make sure you insert the end with the shorter collar into the airbag first.



- Slide the inflator in until the plastic collar contacts the bracket. The two tabs should align with the side of the airbag module and the metal tab as shown. There should be no space or gap between the inflator and bracket.

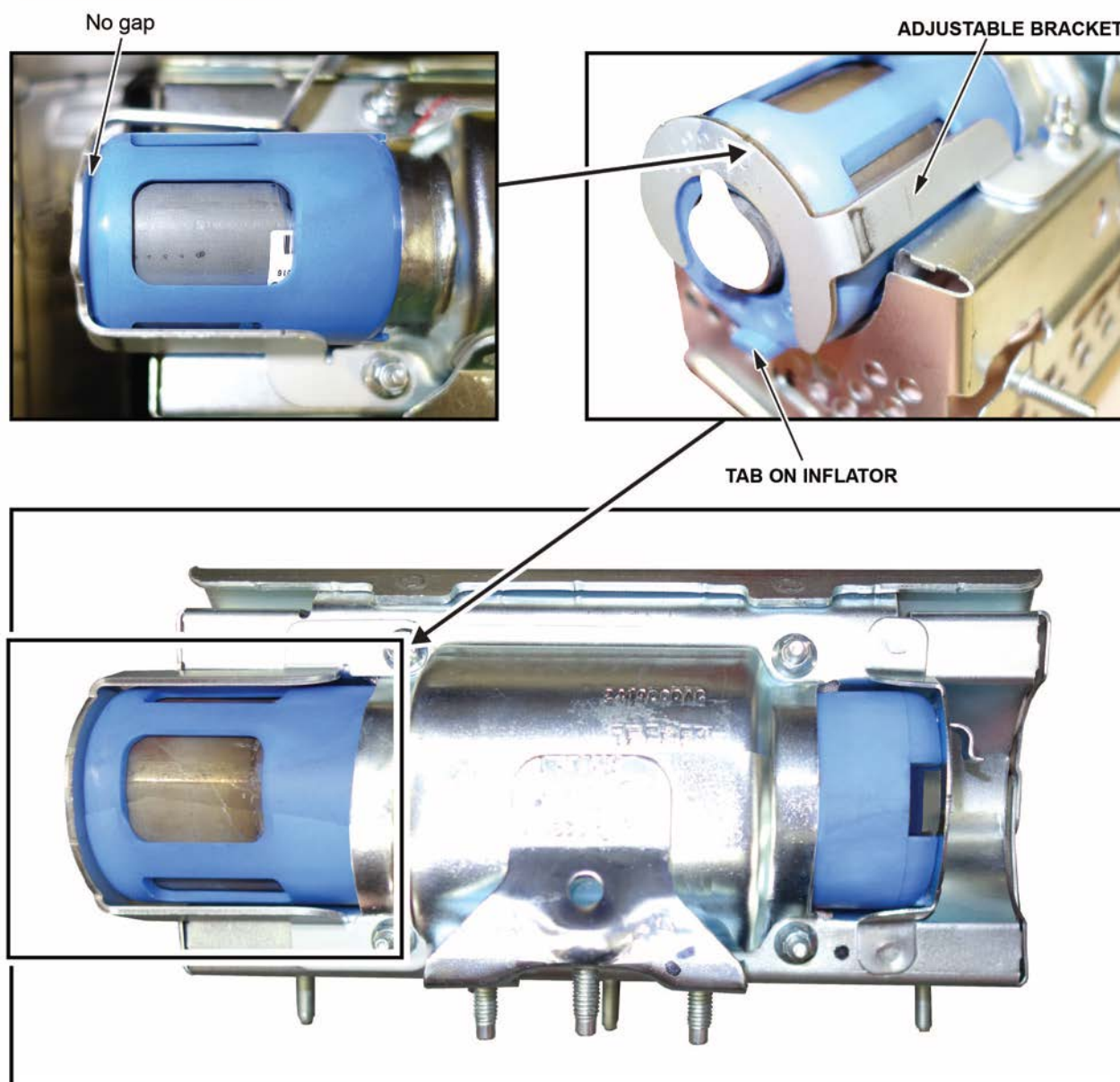
FIXED BRACKET END



- Install the new bracket included in the kit onto the airbag module. Check there is no space or gap between the inflator and bracket by pushing the bracket against the inflator.

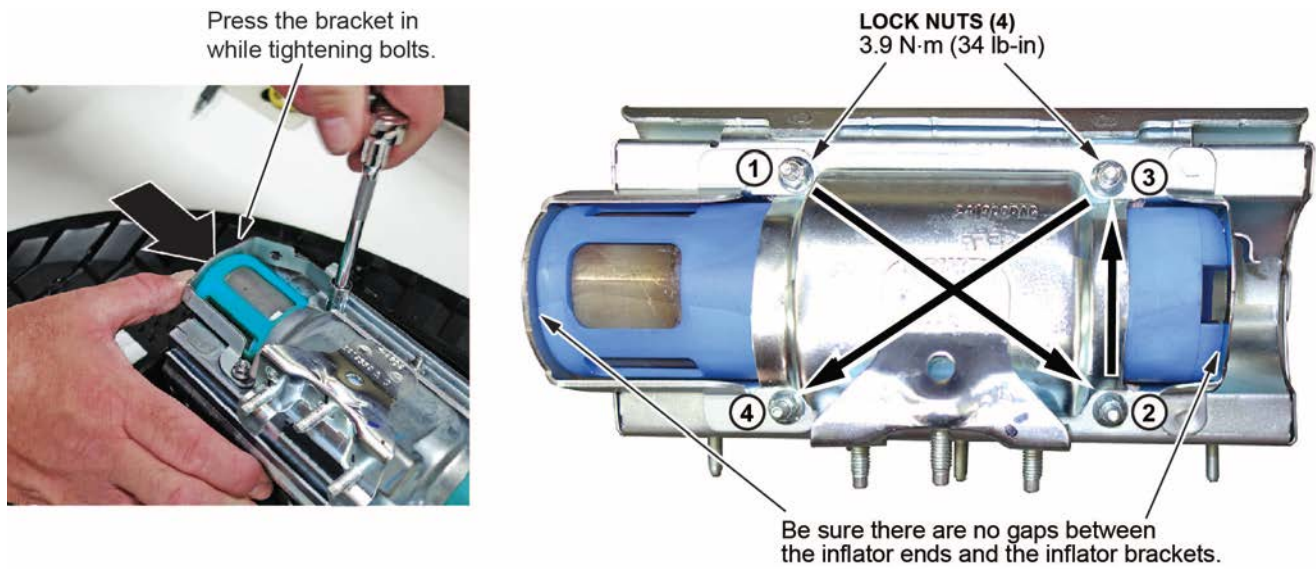
NOTE: The bracket may have a little bit of play before you install the new nuts.

ADJUSTABLE BRACKET END



13. Hold the bracket against the inflator, then install the new 5 mm locknuts and torque them in sequence to **4.0 N•m (34 lb-in)**.

NOTE: Make sure you push the bracket against the inflator to ensure there are no gaps between the brackets and inflator when torquing the nuts.



14. Remove the stickers covering the terminals on both sides of the new inflator.



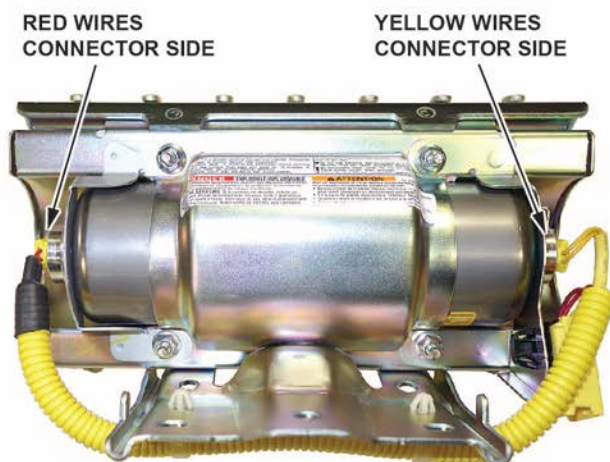
15. Install the new inflator harness.

- Make sure the airbag and harness are aligned as shown.

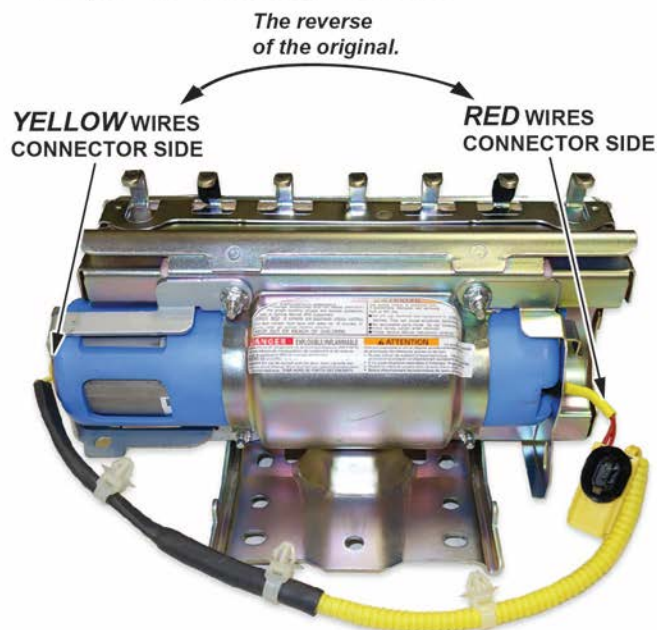
NOTE:

- **The replacement inflator harnesses have the wire colors in the opposite positions of the original harness.** If you connect the harness incorrectly, the harness cannot be removed, and you will not be able to reinstall the airbag because the harness will be too short.
- Connect the red wire connector to the side of the inflator with the red dot.
- On vehicles with the blue inflator, the red dot is not visible because it is covered by the bracket.

ORIGINAL INFLATOR HARNESS ROUTING

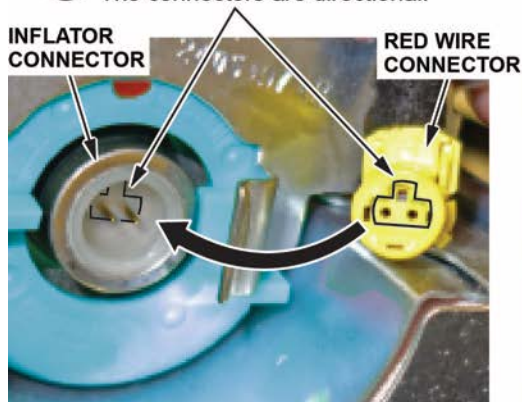


NEW INFLATOR HARNESS ROUTING



- Connect the red wire connector to the connector on the side with the short plastic cap. Align the "T" shape in the inflator harness connector with the T-shaped inflator connector, then press the connector into place.

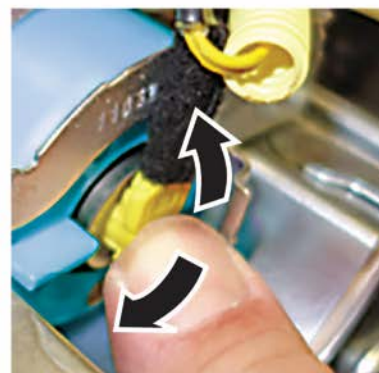
- ① Match up the "T" shape as shown. The connectors are directional.



- ② Press the connector into place until it clicks.



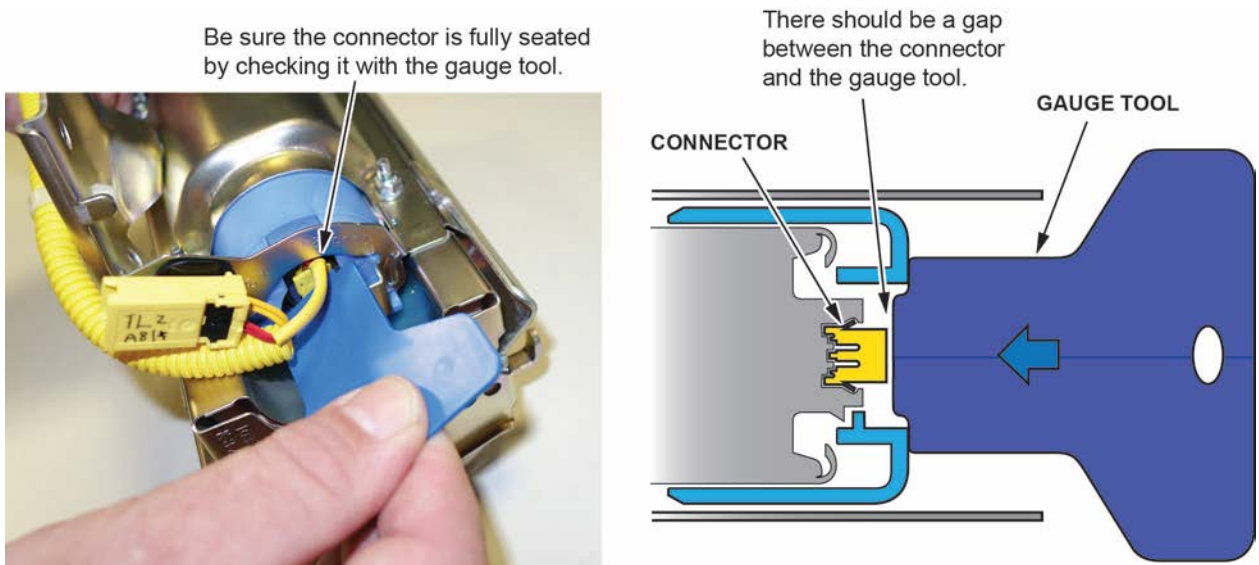
- ③ Wiggle the connector to make sure it's secure.



- Connect the yellow wire connector to the connector on the side with the long plastic cap.
- After you hear each connector click, wiggle it to make sure it is secure.

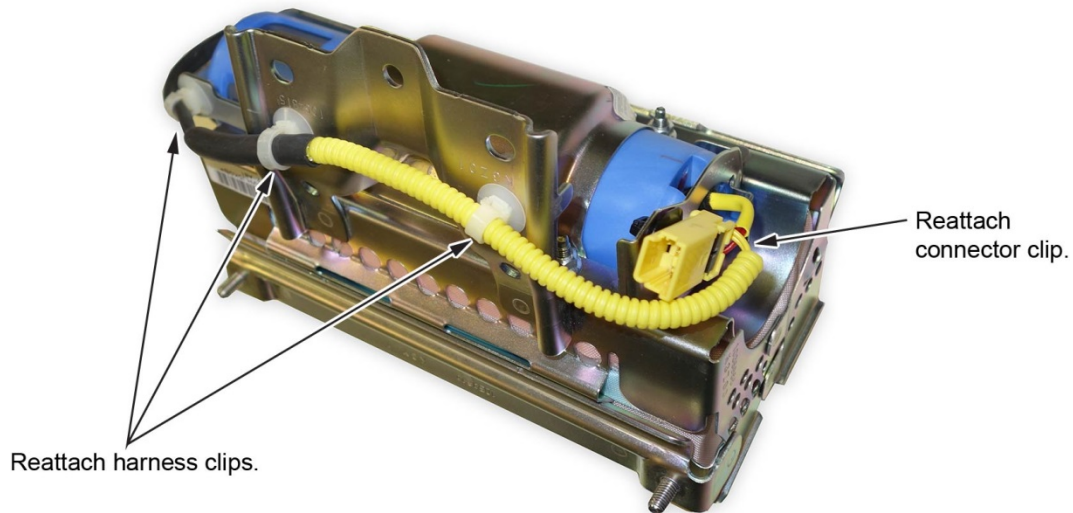
NOTE: If the connector is not properly aligned, it will come out.

16. Make sure the connector is secure and in place by using the gauge tool. (PSPI6 Gauge Tool P/N: 070AJ-TA00A00 or 07AAJ-TA0AA00)



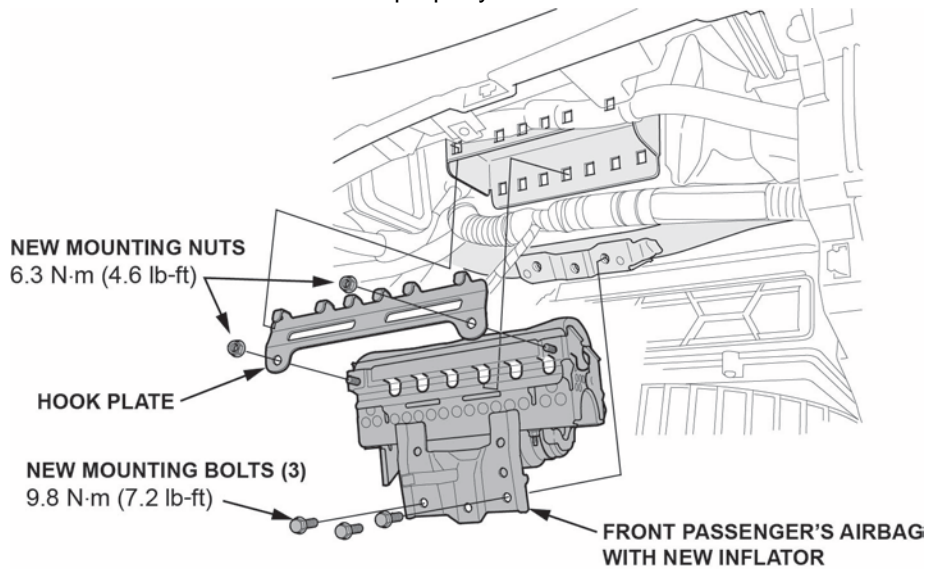
17. Connect the harness to the inflator brackets.

- Insert the side without the shrink-wrap tubing first. Insert the harness at the third "valley" in the corrugated tube.
- Insert the side of the harness with the shrink-wrap tubing into the inflator bracket. Make sure the harness is securely inserted and that it does not sag.

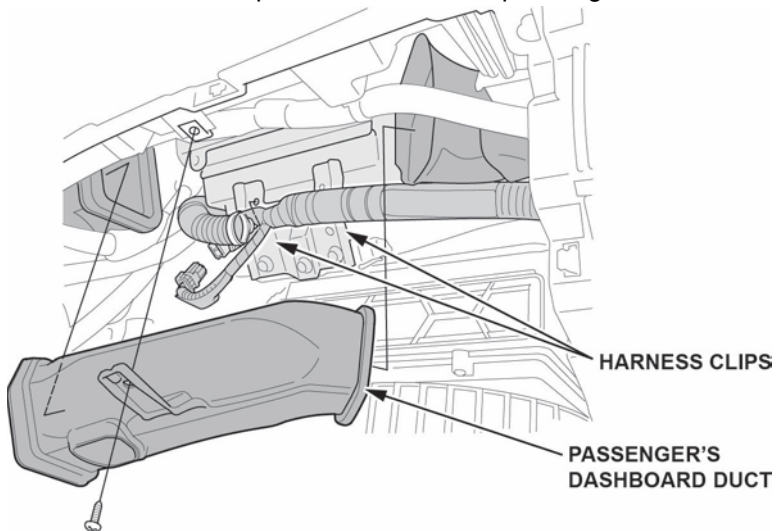


18. Place the front passenger's airbag into the dash panel. Install the hook plate and install the new mounting nuts and new mounting bolts finger tight.

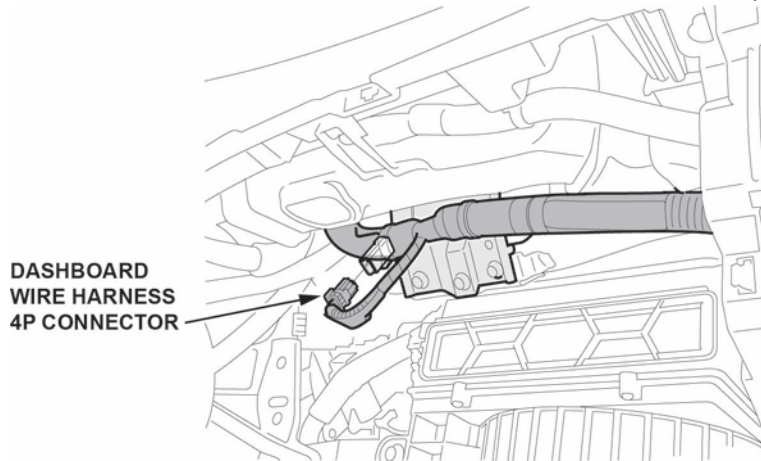
NOTE: Make sure the hooks are set properly.



- Torque the mounting nuts and bolts to the following specifications:
 - Mounting nuts **6.3 N-m (4.6 lb-ft)**
 - Mounting bolts **9.8 N-m (7.2 lb-ft)**
- Install the harness clips, then reinstall the passenger's dashboard duct.



- Connect the dashboard wire harness 4P connector to the front passenger's airbag, then reinstall the glove box.



19. Install the passenger's dashboard trim. Refer to service information.
20. Reconnect the battery negative cable.
21. Turn the ignition ON and make sure the SRS indicator comes on for about 6 seconds, then goes off.
22. Set the clock (for vehicles without navigation) and enter the anti-theft code for the audio and navigation system (if applicable).
23. Put the original inflator into the box the new one came in. Make sure there is no other hardware in the box because if the package rattles, it will not be accepted by the courier.
24. Follow the shipping instructions outlined in PIB A15-0006 to return the undeployed inflator.
25. Give your warranty clerk the RO that includes the replacement inflator serial number and replacement part number. For the warranty claim to be paid, the **replacement inflator part number** must be included in the warranty claim.

END