

April 28, 2016

00407-01886 Version 9

## Safety Recall: Front Passenger's Airbag Inflator May Produce Excessive Pressure After Long-Term Exposure To High Absolute Humidity

Supersedes 14-070, dated December 19, 2015 to revise the information highlighted in **yellow**

Supersedes 14-046, *Recall: Front Passenger's Airbag Inflator May Produce Excessive Pressure After Long-Term Exposure To High Absolute Humidity*

Supersedes 14-040, *Safety Recall: Front Passenger's Airbag Inflator Can Be Over-Pressurized*

Supersedes 13-034, *Safety Recall: Front Passenger's Airbag Inflator Can Be Over-Pressurized*

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2005	CR-V	ALL	Check the iN VIN status for eligibility
2003–04	Element	ALL	Check the iN VIN status for eligibility
2002–04	Odyssey	ALL	Check the iN VIN status for eligibility
2003–05	Pilot	ALL	Check the iN VIN status for eligibility
2006	Ridgeline	ALL	Check the iN VIN status for eligibility

### REVISION SUMMARY

- Inflator kits with part number ending in 305 or 308 now have shipping insulation wrapped around the inflator that must be removed before installation of the inflator into the vehicle's airbag assembly. The bulletin has insulation handling precautions, insulation removal instructions and instructions to reconfigure the shipping box to return the inflator removed from the customer's vehicle. Follow the handling instructions listed under PARTS INFORMATION and REPAIR PROCEDURE.
- New parts are available ending in 315 or 318. These inflators are similar to the ones with plastic caps at the end but the plastic adaptors have square openings. PARTS INFORMATION, WARRANTY CLAIM INFORMATION and REPAIR PROCEDURE were updated to include these new parts.

### BACKGROUND

As the result of Takata defect determinations and NHTSA directives, American Honda has moved the 2003-05 Accord, 2001–05 Civic, 2001–04 Civic GX, and 2003–05 Civic Hybrid from this airbag inflator campaign into SB 15-041, *Safety Recall: Front Passenger's Airbag Inflator Can Be Over-Pressurized*. **If an RO was opened on June 14, 2015 or earlier for these vehicles, use the included warranty information to file a claim. Any applicable vehicles with an RO date on June 15, 2015 or later, refer to SB 15-041.**

Certain Honda vehicles operated in areas known for high absolute humidity may contain a front passenger's airbag that, over time, may be affected by exposure to the humidity, which could produce excessive internal pressure upon deployment. If an affected airbag deploys, the increased internal pressure may cause the inflator casing to rupture. Metal fragments could be propelled upward toward the windshield, or downward toward the front passenger's foot well, possibly causing an injury to vehicle occupants.

Affected Honda vehicles were sold and/or registered in the following geographic locations: Alabama, Florida, Georgia, Hawaii, Louisiana, Mississippi, South Carolina, Texas, Puerto Rico, Guam, Saipan, American Samoa, and the U.S. Virgin Islands.

**CUSTOMER 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 Honda automobile dealer.

**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.**

New and different inflators are available. You may receive a different part number than ordered, and the inflator may 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.

On June 18, 2015, there was a change in the return process for driver and front passenger inflators. Refer to PIB A15-0002, *Inflator Kit Return Process* for more information.

## **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. These vehicles must be repaired before they are sold.

Should your dealership sell an unrepaired vehicle that subsequently causes injury or damage because of the recalled item, the dealership will be solely responsible to the damaged party, and will be required to defend and indemnify American Honda for any resulting claims. To see if a vehicle in inventory is affected by this recall, do a VIN status inquiry before selling it.

## **CORRECTIVE ACTION**

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

## PARTS INFORMATION

Part Name	Part Number Ordered	You may receive any of the following	Quantity
2005 CR-V Front Passenger's Airbag Inflator Kit	04785-S9A-306	04785-S9A-306 04790-S9A-305 04790-S9A-315	1
2003-04 Element Front Passenger's Airbag Inflator Kit	04785-SCV-307	04785-SCV-307 04790-SCV-308 04790-SCV-318	1
2002 Odyssey Front Passenger's Airbag Inflator Kit	04785-S0X-307	04785-S0X-307 04790-S0X-308 04790-S0X-318	1
2003-04 Odyssey Front Passenger's Airbag Inflator Kit	04785-S0X-306	04785-S0X-306 04790-S0X-305 04790-S0X-315	1
2003-04 Pilot Front Passenger's Airbag Inflator Kit	04785-S9V-307	04785-S9V-307 04790-S9V-308 04790-S9V-318	1
2005 Pilot Front Passenger's Airbag Inflator Kit	04785-S9V-306	04785-S9V-306 04790-S9V-305 04790-S9V-315	1
2006 Ridgeline Front Passenger's Airbag Inflator Kit	04785-SJC-307	04785-SJC-307 04790-SJC-308 04790-SJC-318	1

### NOTE:

- Replacement inflators with P/Ns that end with 305 and 308 come with shipping insulation wrapped around them. Follow the removal instructions listed in REPAIR PROCEDURE. The insulation is not toxic but some people may be sensitive to it.
- Replacement part numbers ending in 315 or 318 are similar to the ones with plastic caps at the end but the plastic caps have square openings.
- 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 A15-0002.
- 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

### NOTE:

- Process claims as quickly as possible so that resources can be properly allocated.
- Enter the part number of the inflator that you received into the warranty claim, **not the part number that you ordered**. For more information, refer to step 6 of REPAIR PROCEDURE.
- To avoid non-payment of warranty claims, the serial number on the box of the new airbag inflator must be entered in 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 original undeployed inflator to its supplier. Follow the shipping instructions outlined in PIB A15-0002, *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**.
- **For 2002-04 CR-Vs only:** If you did the repair in this S/B on or before December 19, 2015 (RO date), use the Warranty Claim Information provided below. Any repairs after December 19, 2015, refer to S/B 15-067, *Safety Recall: Front Passenger's Airbag Inflator Can Be Over-Pressurized*.
- **The Accord and Civic warranty information is included in case you opened an RO on or before June 14, 2015.** Refer to S/B 15-041 for any repairs made after that date.

### 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
2003 Accord	7541B0	04785-SDA-307	0.7 hr	5KN00	JL800	14-070Z	06780-SDN-A90ZA
		04790-SDA-308	0.7 hr	5KN00	JL800	14-070Y	06780-SDN-A90ZA
2004-05 Accord	7541B0	04785-SDA-306	0.7 hr	5KN00	JL800	14-070X	06780-SDN-A90ZA
2001-05 Civic 2001-04 Civic GX 2003-05 Civic Hybrid	7541B0	04785-S5A-307	0.7 hr	5KN00	JL900	14-070W	06780-S5A-A80ZA
		04790-S5A-308	0.7 hr	5KN00	JL900	14-070V	06780-S5A-A80ZA
2002-04 CR-V	7541B0	04785-S9A-307	0.7 hr	5KN00	JM000	14-070U	06780-S9A-A80ZA
		04790-S9A-308	0.7 hr	5KN00	JM000	14-070T	06780-S9A-A80ZA
2005 CR-V	7541B0	04785-S9A-306	0.7 hr	5KN00	JM000	24-070A	06780-S9A-A80ZA
		04790-S9A-305	0.7 hr	5KN00	JM000	24-070B	06780-S9A-A80ZA
		04790-S9A-315	0.7 hr	5KN00	JM000	24-070C	06780-S9A-A80ZA

2003–04 Element	7541B0	04785-SCV-307	0.8 hr	5KN00	JM100	24-070D	06780-SCV-A80ZA
		04790-SCV-308	0.8 hr	5KN00	JM100	24-070E	06780-SCV-A80ZA
		04790-SCV-318	0.8 hr	5KN00	JM100	24-070F	06780-S9A-A80ZA
2002 Odyssey	7541B1	04785-S0X-307	0.7 hr	5WX00	JM200	24-070G	06780-S0X-A70ZA
		04790-S0X-308	0.7 hr	5WX00	JM200	24-070H	06780-S0X-A70ZA
		04790-S0X-318	0.7 hr	5WX00	JM200	24-070I	06780-S9A-A80ZA
2003–04 Odyssey	7541B1	04785-S0X-306	0.7 hr	5WX00	JM200	24-070J	06780-S0X-A70ZA
		04790-S0X-305	0.7 hr	5WX00	JM200	24-070K	06780-S0X-A70ZA
		04790-S0X-315	0.7 hr	5WX00	JM200	24-070L	06780-S9A-A80ZA
2003–04 Pilot	7541B1	04785-S9V-307	0.8 hr	5WX00	JM300	24-070M	06780-S9V-A81ZC
		04790-S9V-308	0.8 hr	5WX00	JM300	24-070N	06780-S9V-A81ZC
		04790-S9V-318	0.8 hr	5WX00	JM300	24-070P	06780-S9V-A81ZC
2005 Pilot	7541B1	04785-S9V-306	0.8 hr	5WX00	JM300	24-070Q	06780-S9V-A81ZC
		04790-S9V-305	0.8 hr	5WX00	JM300	24-070R	06780-S9V-A81ZC
		04790-S9V-315	0.8 hr	5WX00	JM300	24-070S	06780-S9V-A81ZC
2006 Ridgeline	7541B1	04785-SJC-307	0.7 hr	5WX00	JM400	24-070T	77820-SJC-A00ZA
		04790-SJC-308	0.7 hr	5WX00	JM400	24-070U	77820-SJC-A00ZA
		04790-SJC-318	0.7 hr	5WX00	JM400	24-070V	77820-SJC-A00ZA

Skill Level: Repair Technician

## 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 radio'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.
1. Turn the ignition switch to the ON (II) position and check if the SRS indicator comes on for about 6 seconds, then turns 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
  2. Disconnect the battery negative cable and wait at least 3 minutes before continuing.
  3. Remove the front passenger's airbag by referring to the applicable electronic service manual.
  4. 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.





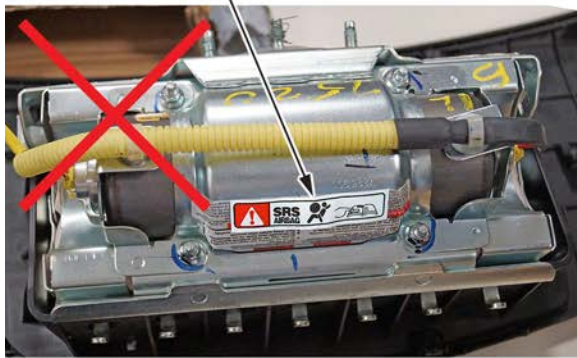
5. Visually inspect the airbag and the inflator for any unusual writing or markings.

## **“IDENTIFYING COUNTERFIT AIRBAGS” VIDEO**

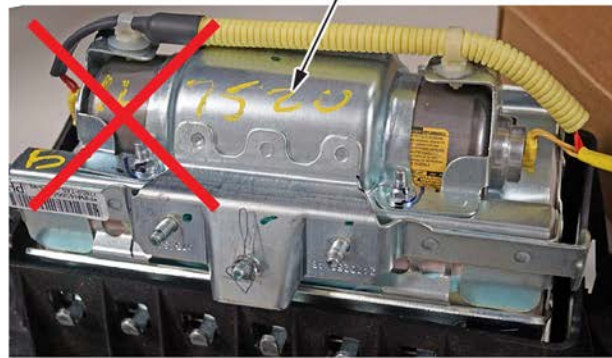


- If there is nothing unusual about the airbag or the inflator, go to step 6.
- If there are any unusual markings, like an incorrect label or a model year written in marker, the airbag and inflator may not be the correct airbag and/or inflator for the vehicle or it may be a counterfeit part. For more information about counterfeit airbags, you can refer to [safercar.gov](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 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**

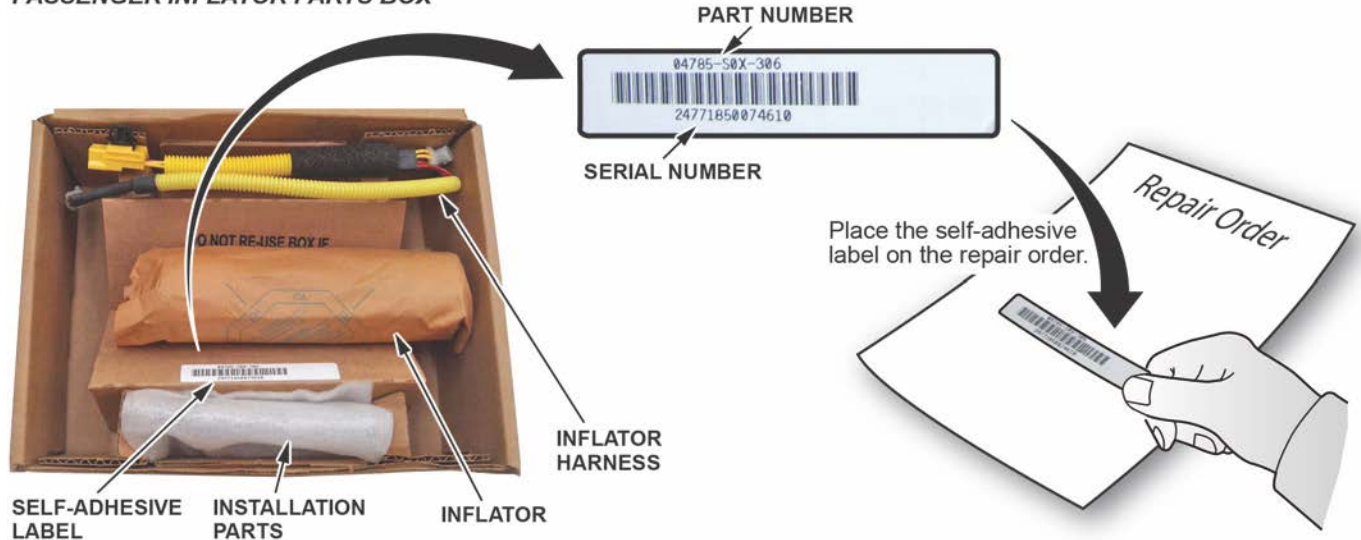


6. Peel the label located inside the inflator box from its backing and attach it to the RO. For the warranty claim to be paid, the **replacement inflator part number that you received** must be included in the warranty claim.

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. If the replacement inflator (P/N ends with 305 or 308) is wrapped with shipping insulation, remove it:

NOTE:

- Wear disposable gloves and protective glasses. The insulation is not toxic or dangerous, but some people may be sensitive to the insulation.
- Dispose of the insulation and wrapping paper to avoid getting the insulation dust/fibers on you or the airbag assembly.
- Do not reuse the insulation or wrapping paper. You do not need to wrap the inflator being removed from the vehicle when it is returned.
- Cut the wires off from the opposite side from where they are tied (twisted) together.

NOTE: Do not cut the insulation.





- Hold the paper wrapping the inflator with one hand and slide the insulation off into the trash.

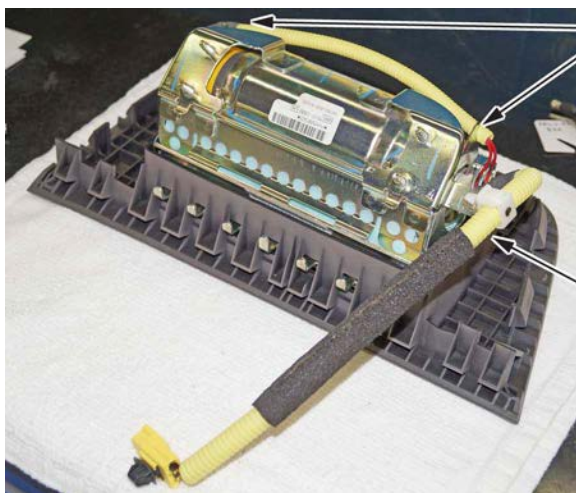
NOTE: The insulation is securely wrapped around the inflator. You may have to use some force to slide the insulation off. Do not cut the insulation and be careful that you do not move the white or orange plastic ends.



- Remove the wrapping paper and drop it into the trash.



8. Remove the harness from both ends of the inflator bracket.



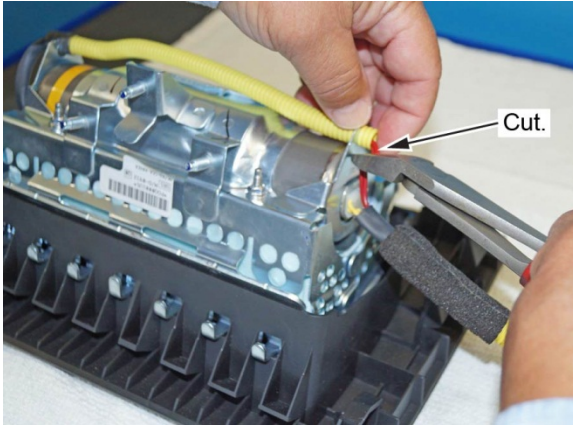
INFLATOR BRACKETS

Disconnect and remove the harness clip if applicable.

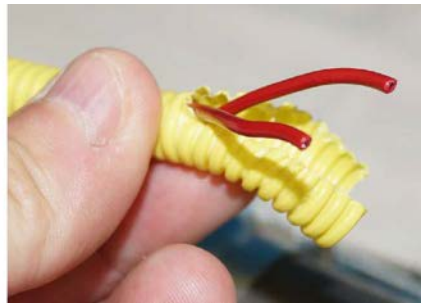
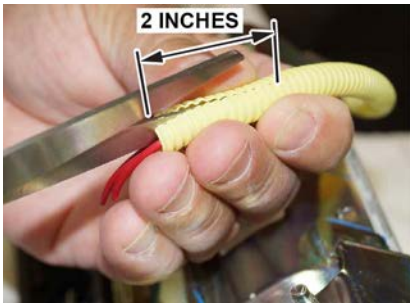
9. Short the red wires.

NOTE: **You must cut and short the wires** as indicated to prevent accidental deployment.

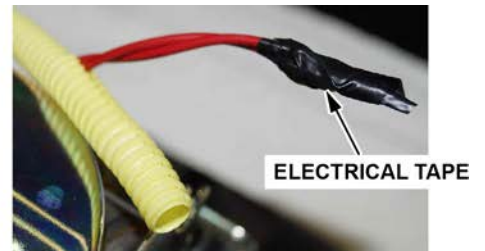
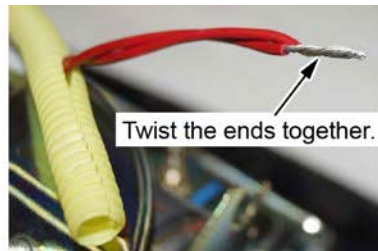
- Cut the red wires as shown.



- Cut about 2 inches of the corrugated tube, then pull out the two red wires.



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

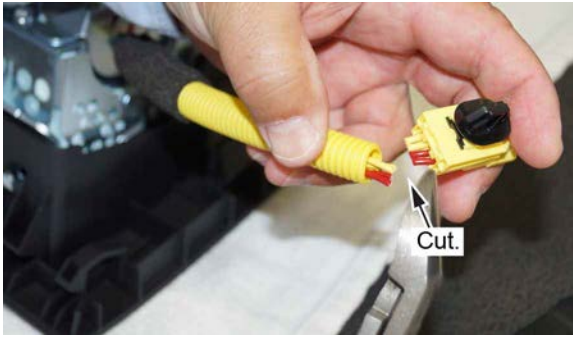


- Tape the twisted ends with electrical tape.

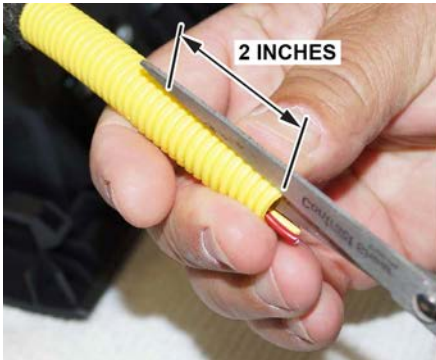
10. Cut off the connector and short the yellow wires.

You must cut and short the wires as indicated to prevent accidental deployment.

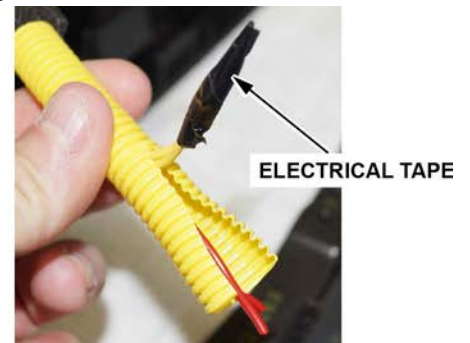
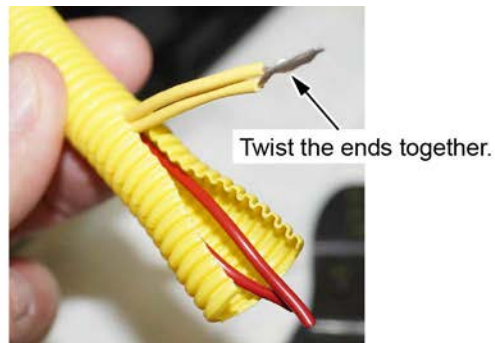
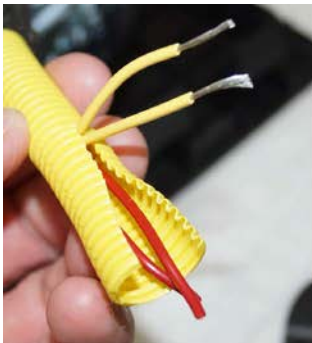
- Cut all four wires to remove the connector.



- Cut about 2 inches of the corrugated tube, then pull out the yellow wires.

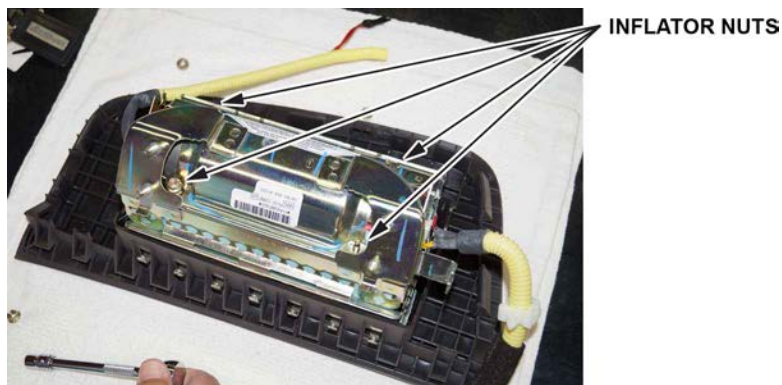


- Strip away about an inch of the wire insulation, then twist the wire ends together.



- Tape the twisted ends with electrical tape.

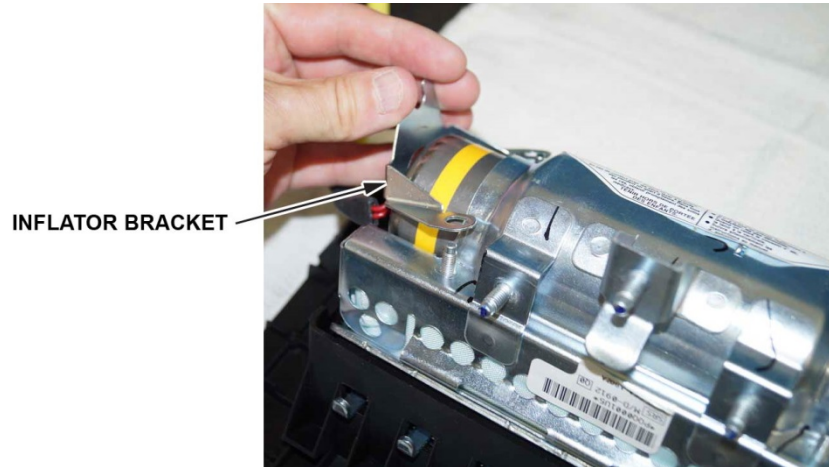
11. Remove the four inflator nuts.



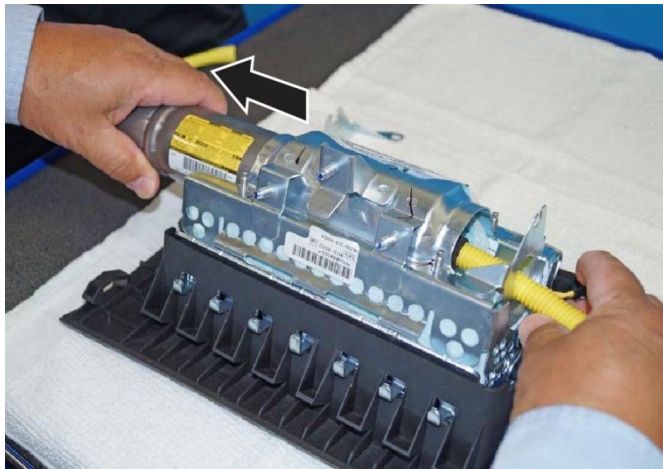


12. Remove the inflator bracket.

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



13. Remove the inflator by pushing it out.



14. Install the new inflator.

Click on the image below for a short video about the different variations of the driver's and front passenger's replacement inflators involved with the recalls related to inflators. While both the driver's and front passenger's inflators are shown in the video, this is informational only. Replace inflators only as directed by the iN VIN status inquiry.



**Check your part number against the ones listed for each installation procedure. Use the correct installation procedure for the part you received.**

**Part Number**

04785-S9A-306

04785-SCV-307

04785-S0X-307

04785-S0X-306

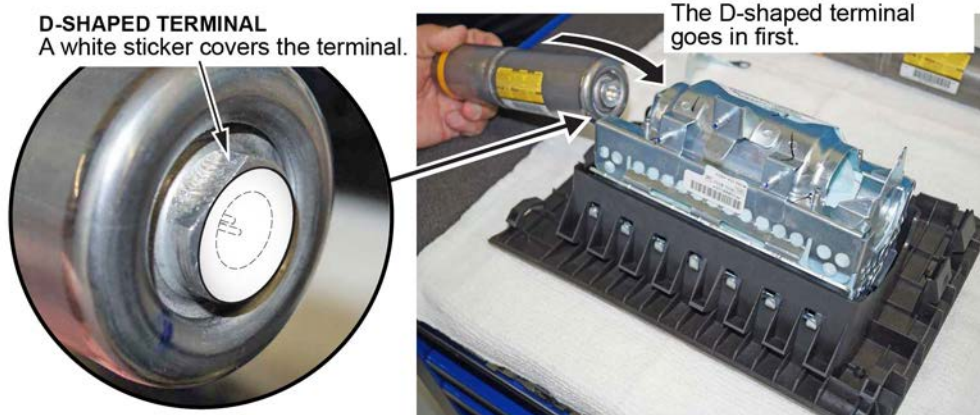
04785-S9V-307

04785-S9V-306

04785-SJC-307

- One connector looks like a “D” whereas the other connector is a circle. Make sure you insert the “D” shaped terminal into the airbag first.

NOTE: There is a yellow band marking on the circle side.



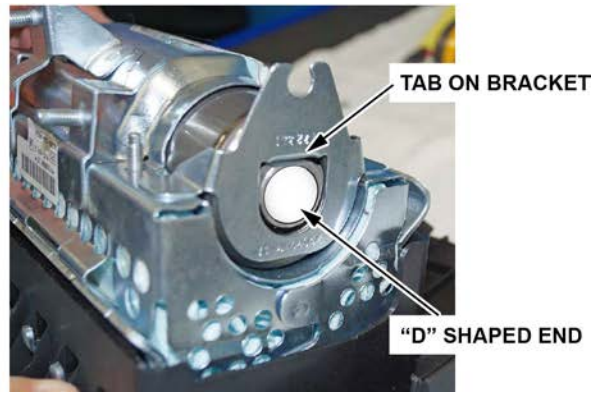
**D-SHAPED TERMINAL**  
A white sticker covers the terminal.

The D-shaped terminal goes in first.

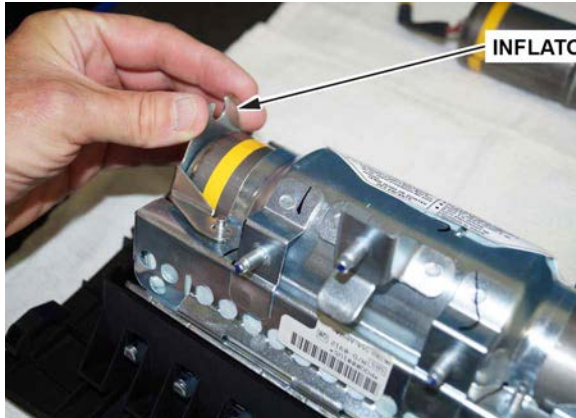
- Slide the inflator in until the “D” aligns with the tab on the inflator bracket. There should be no space or gap between the inflator and bracket.



No gap.



- Reinstall the inflator bracket. There should be no space or gap between the bracket and inflator.





Check your part number against the ones listed for each installation procedure. Use the correct installation procedure for the part you received.

NOTE: Part numbers ending in 318 appear slightly different because they have square openings in the plastic caps.

**Part Number**

04790-SCV-308

04790-S0X-308

04790-S9V-308

04790-SJC-308

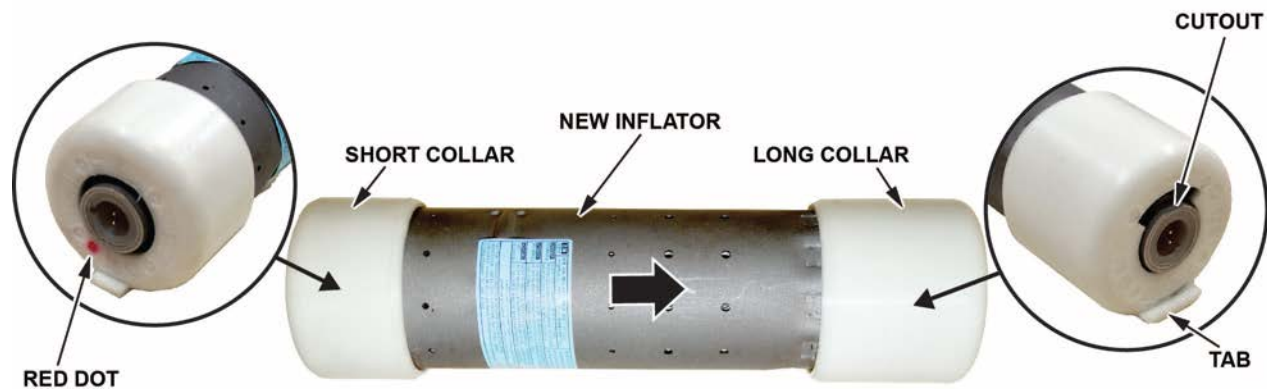
04790-SCV-318

04790-S0X-318

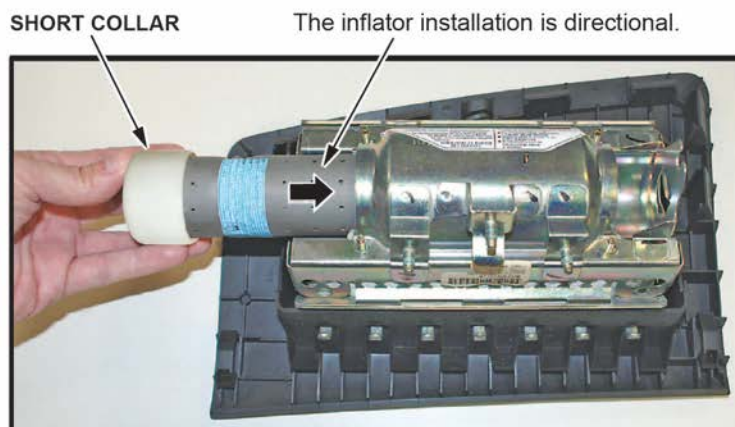
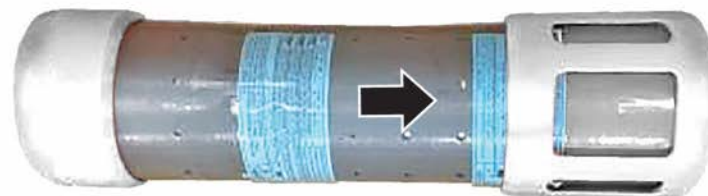
04790-S9V-318

04790-SJC-318

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

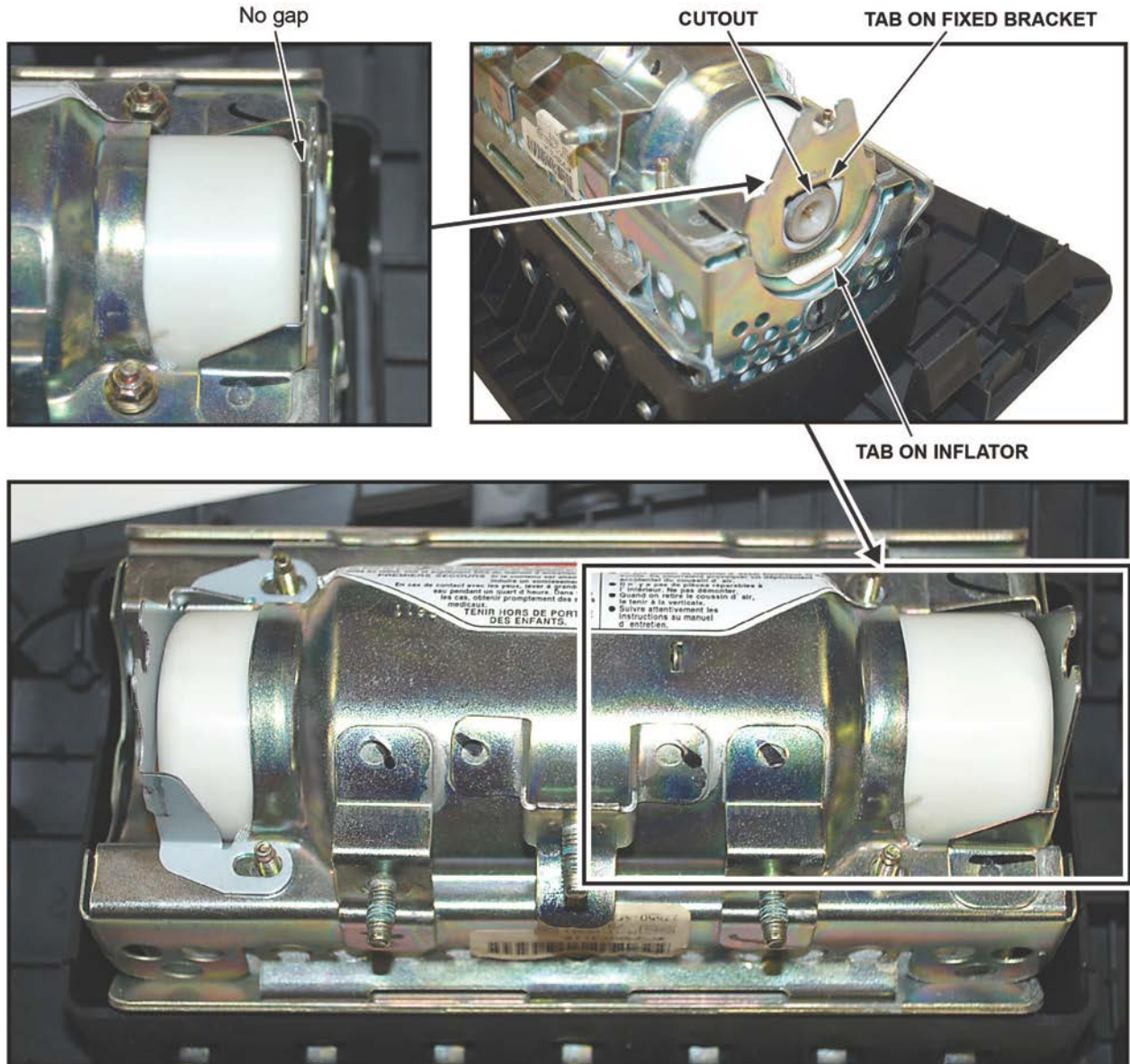


(Part number ending with 318 appears slightly different.)



- Slide the inflator in until the plastic cutout and the small flat spot align with the tab on the bracket. There should be no space or gap between the inflator and bracket.

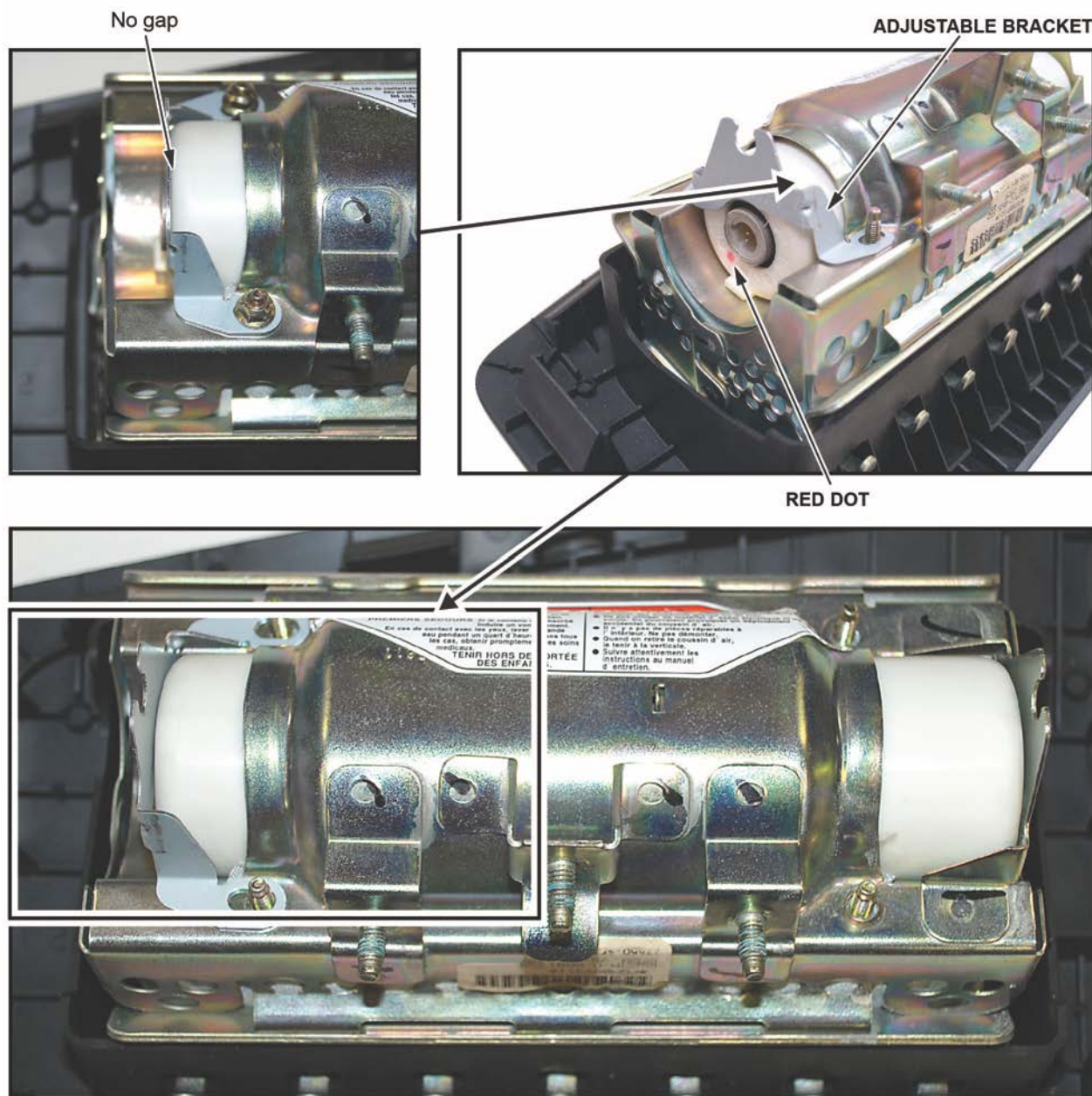
#### FIXED BRACKET END





- Install the bracket included in the kit onto the airbag module. There should be a red dot visible on the end of the plastic connector. There should be no space or gap between the inflator and bracket.

#### ADJUSTABLE BRACKET END



Check your part number against the ones listed for each installation procedure. Use the correct installation procedure for the part you received.

**NOTE:** Part numbers ending in 315 appear slightly different because they have square openings in the plastic caps.

**Part Number**

04790-S9A-305

04790-S0X-305

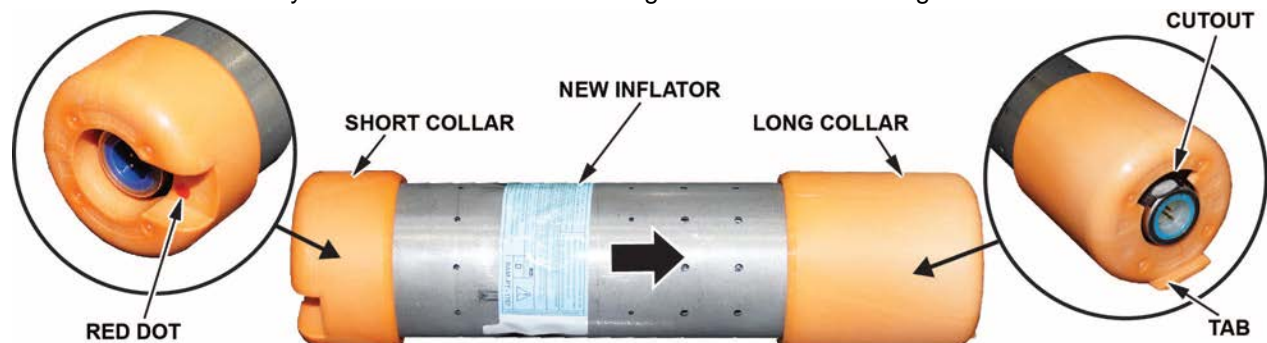
04790-S9V-305

04790-S9A-315

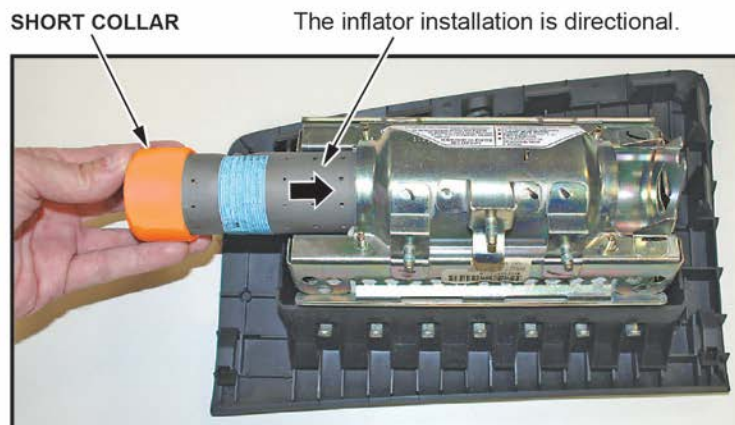
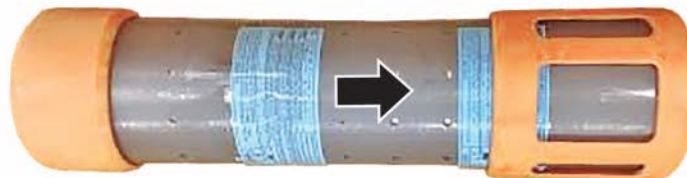
04790-S0X-315

04790-S9V-315

- The collars on this inflator are orange, not white. One side of the inflator has a longer collar, a tab, a plastic cutout, and a small flat spot on the connector. The other side of the inflator has a shorter collar, no tab, and a red dot. Make sure you insert the end with the longer collar into the airbag first.

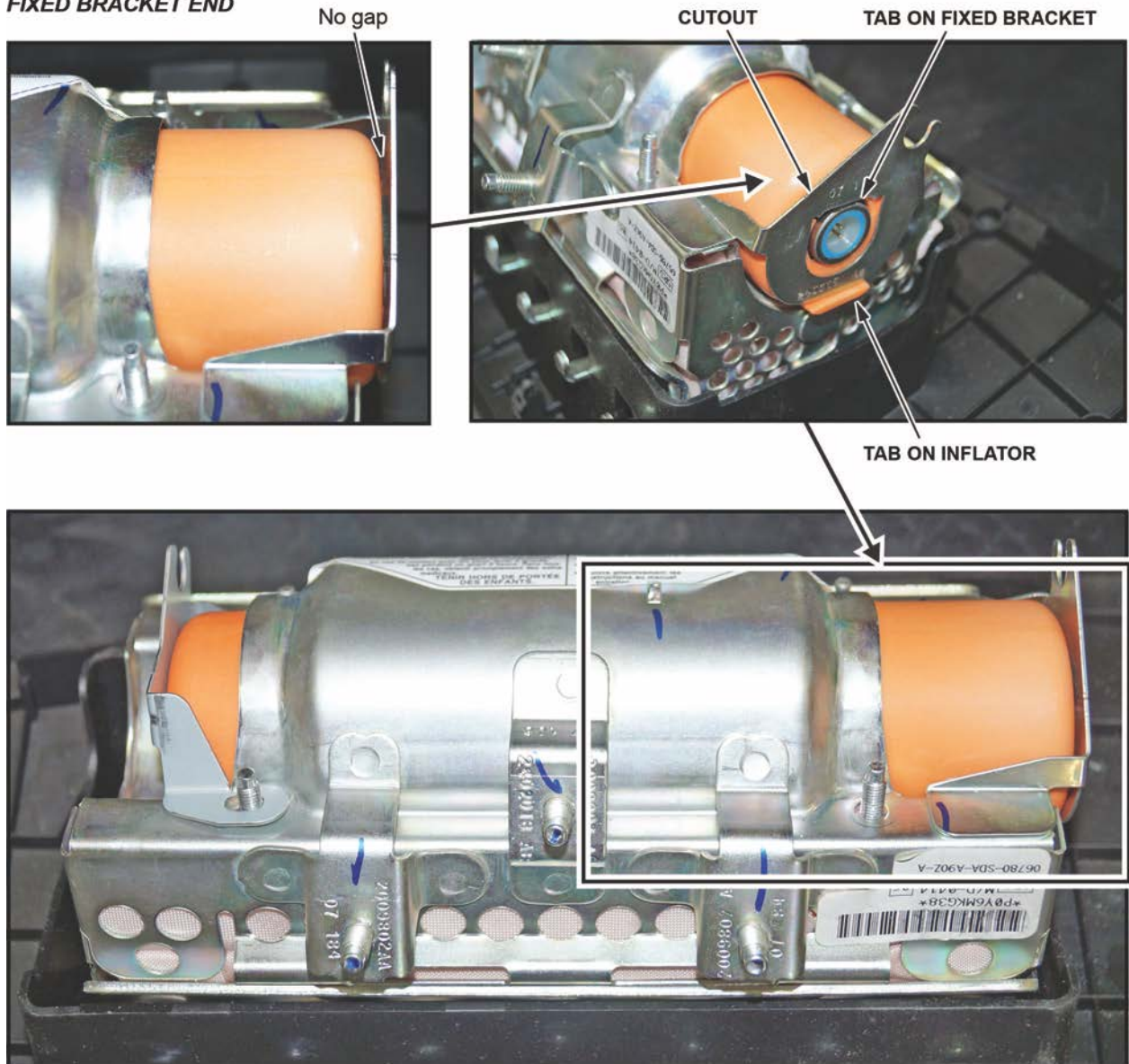


(Part number ending with 315 appears slightly different.)



- Slide the inflator in until the plastic cutout and the small flat spot align with the tab on the bracket. There should be no space or gap between the inflator and bracket.

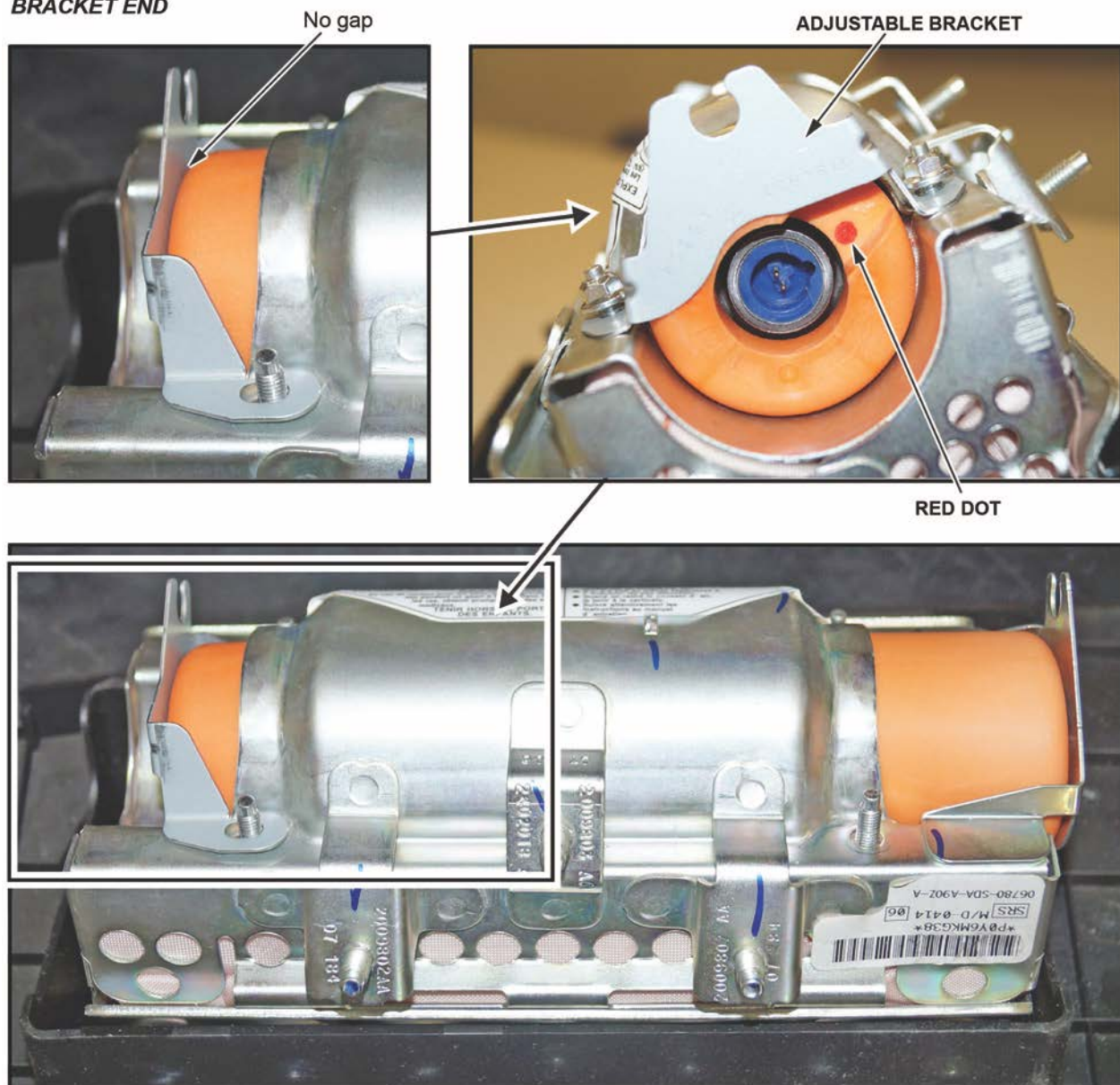
**FIXED BRACKET END**





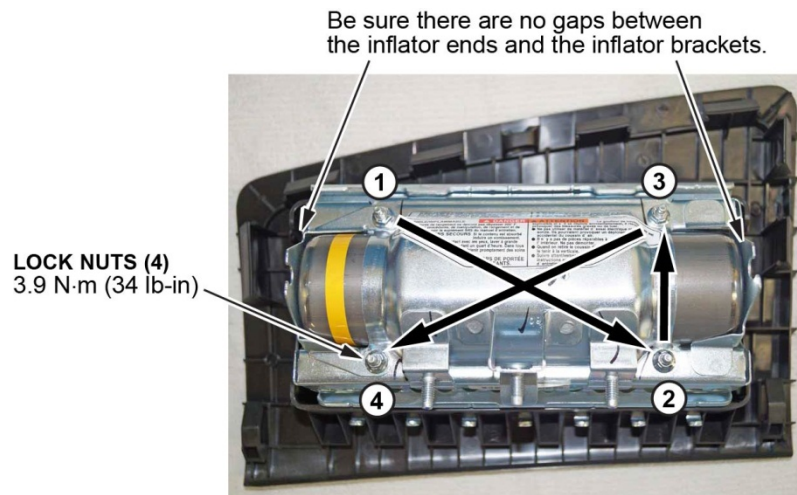
- Install the bracket included in the kit onto the airbag module. There should be a red dot visible on the end of the plastic connector. There should be no space or gap between the inflator and bracket.

**ADJUSTABLE  
BRACKET END**





15. Install the new 5 mm locknuts and torque them in sequence to **3.9 N•m (34 lb-in)**.



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

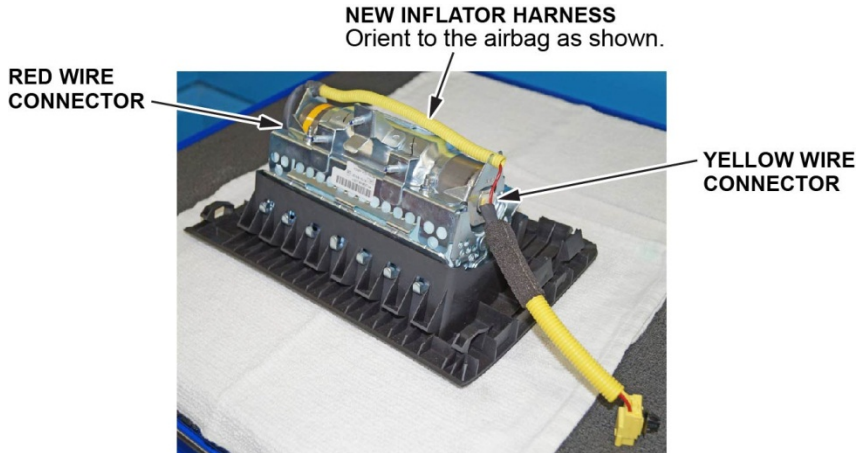


17. Install the new inflator harness.

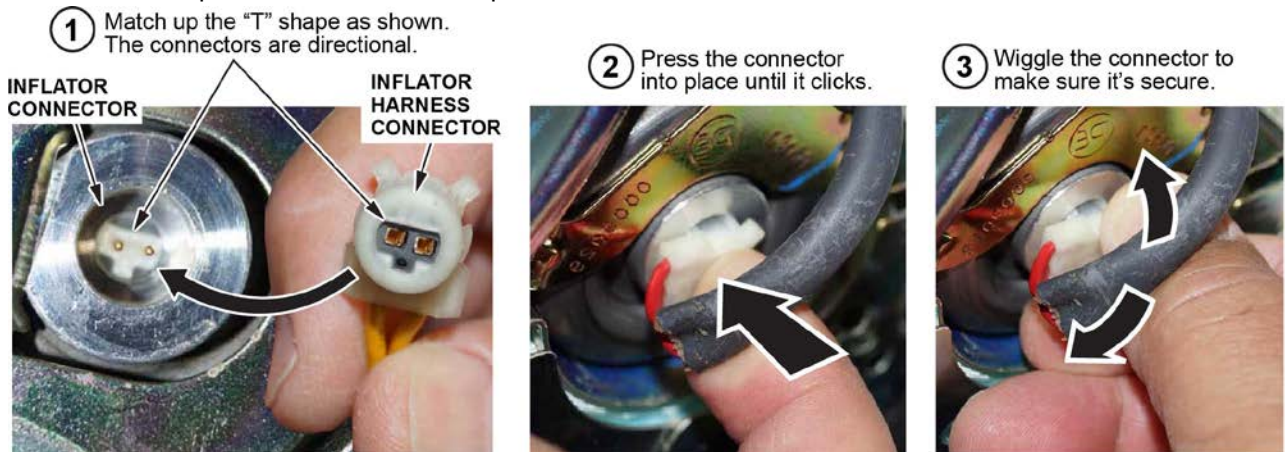
- Make sure the airbag and harness are aligned as shown.

NOTE:

- **Make sure you have the orientation correct as shown below.** 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.
- On the replacement inflators with plastic collars, connect the red wire connector to the connector with the red dot.
- On the replacement inflators without plastic collars, connect the red wire connector to the connector nearest the yellow band.



- Connect the two connectors. Align the “T” shape in the inflator harness connector with the T-shaped inflator connector, then press the connector into place.

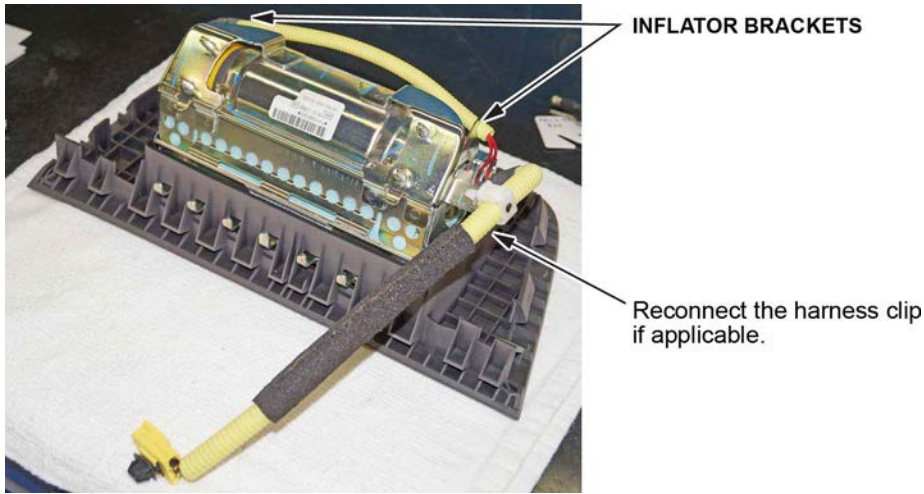


- After you hear each connector click, wiggle it to make sure it is secure.

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

18. 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.



19. Reinstall the passenger's airbag into the vehicle and torque the new locknuts to **9.8 N•m (7.2 lb-ft)**.

20. Reconnect the battery negative cable and enter the anti-theft code for the audio and navigation system (if applicable), then enter the audio unit presets.

21. Turn the ignition to the ON (II) position and make sure the SRS indicator comes on for about 6 seconds, then turns off.

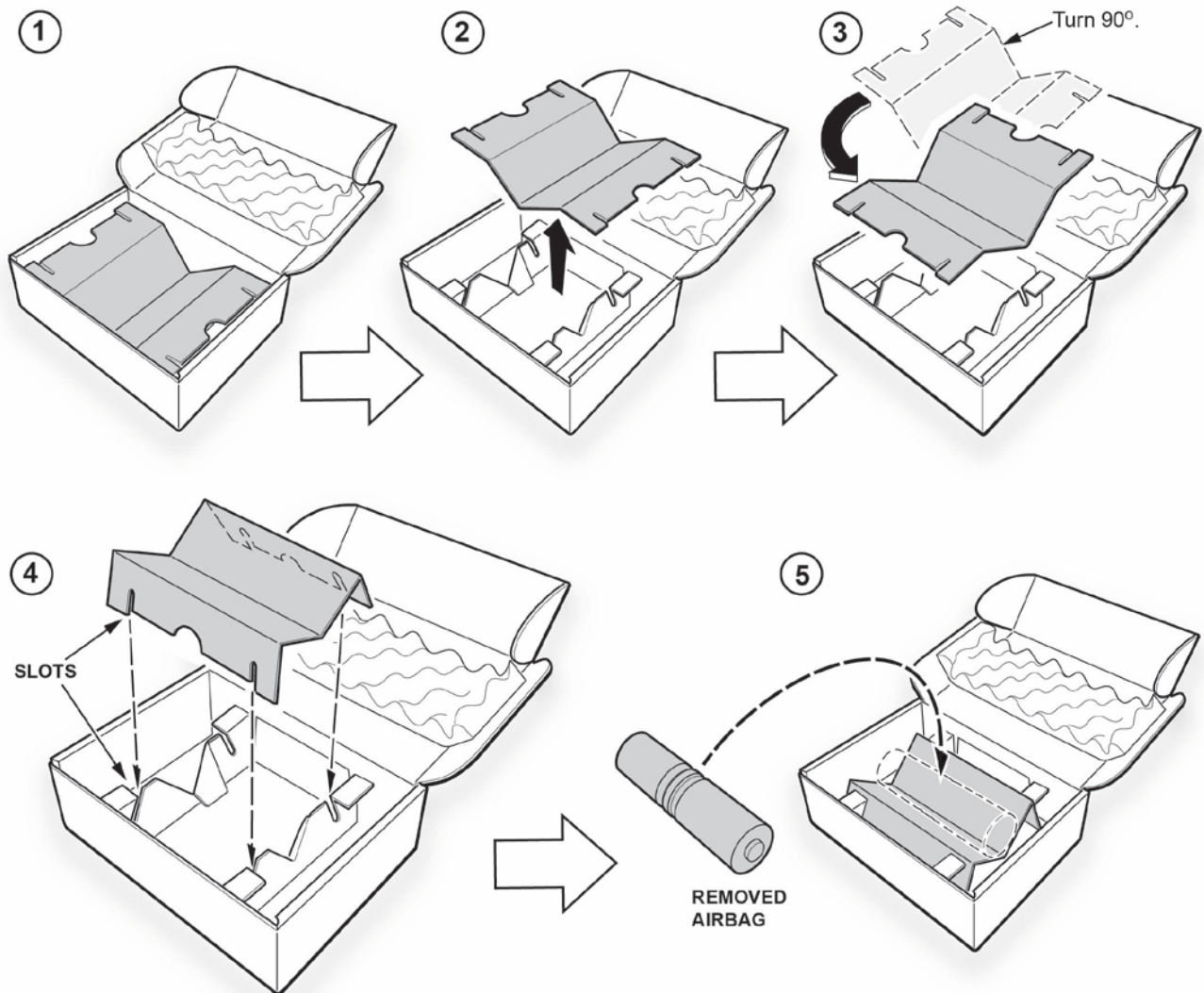
22. Do the idle learn procedure (2002–04 Odyssey, 2003–04 Pilot).

- Make sure all electrical items (A/C, audio unit, defogger, lights, etc.) are turned off, then start the engine.
- Let the engine reach its normal operating temperature (the cooling fans cycle twice; the coolant temperature is about 194° F).
- Let the engine idle for at least 5 minutes with the throttle fully closed and with all electrical items turned off.
- If the cooling fans cycle on while doing an idle learn, add the time the cooling fans are on to the 5 minute idle learn time.

23. For boxes where the inflator came with shipping insulation (part number ends with 305 or 308): Remove the cardboard insert and turn it 90 degrees. Then insert the cardboard into the slots as shown.

**NOTE:**

- **Do not reuse the shipping insulation.**
- The cardboard insert needs to be adjusted to send back the original inflator otherwise the original inflator removed from the vehicle will rattle around and may be rejected by the courier.



24. 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.

25. Follow the shipping instructions outlined in PIB A15-0002 to return the undeployed inflator.

26. 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