



Bulletin No.: 50140-15044
Updated: December 2016

PRODUCT SAFETY RECALL

SUBJECT: Takata Front Passenger Air Bag Inflator Replacement

MODELS: 2006 Saab 9-2X

CONDITION

Subaru of America has decided that a defect, which relates to motor vehicle safety, exists in certain 2006 model year Saab 9-2X vehicles equipped with a non-desiccated Takata-sourced passenger side frontal air bag containing the propellant Phase Stabilized Ammonium Nitrate. These vehicles were manufactured by Fuji Heavy Industries/Subaru and marketed by General Motors. As a result, GM is conducting a safety recall.

These vehicles are equipped with a Takata-sourced passenger side frontal air bag that may be susceptible to moisture intrusion. Over time, that could cause the inflator to rupture when the passenger's frontal air bag deploys in a crash. If the inflator ruptures, metal fragments could strike vehicle occupants, potentially resulting in serious injury or death.

CORRECTION

Saab Official Service Centers (OSCs) are to replace the front passenger air bag inflator module.

VEHICLES INVOLVED

All affected Saab 9-2X vehicles are identified by Vehicle Identification in the Orio Inquiry by Chassis screen. OSC service personnel should always check this site to confirm vehicle involvement prior to beginning any required inspections and/or repairs. It is important to routinely use this tool to verify eligibility because not all similar vehicles may be involved regardless of description or option content.



OWNER NOTIFICATION

Notification letters were sent to owners of all potentially affected vehicles.

PART INFORMATION

Parts required to complete this recall are to be obtained from your local Saab Parts Warehouse

Saab Part Number	Description	Quantity-Vehicle
98279FE16	INFLATOR ASM, I-P MDL AIR BAG *	1

* **Note to all Dealers:** Do not discard or destroy the box containing the new passenger air bag inflator module, it will be needed to return the used inflator module. The box contains special instructions for the packaging and shipment of the used inflator. The instructions must be followed without exception. **DO NOT DEPLOY ANY INFLATOR.**

PART RETURN PROCEDURES – U.S (48 States).

Each removed air bag inflator must be returned directly to the supplier, Takata USA.

Refer to the instructions included with the new inflator module.

- The shipping box contains a bar code label, which will be used by Takata USA to document the replacement of the old inflator with the new inflator. **Therefore, it is very important that the removed inflator be returned in the exact same box that contained the newly-installed inflator for that vehicle.** If the original box cannot be re-used, please refer to the shipping instructions under “Requesting a new box/shipping labels.”
- **IMPORTANT:** When affixing the shipping label to the shipping box do not obstruct the bar code label.

PART RETURN PROCEDURES – CANADA

Disregard the instructions and shipping forms included with the new inflator module. These instructions/forms are intended for US dealers only! Canadian dealers must refer to the instructions provided at the end of this bulletin!

- The shipping box contains a bar code label, which will be used by Takata USA to document the replacement of the old inflator with the new inflator.
- **Therefore, it is very important that the removed inflator be returned in the exact same box that contained the newly-installed inflator for that vehicle.**

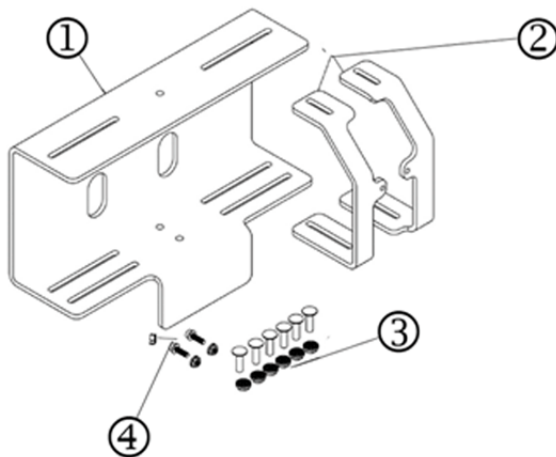


If the original box cannot be re-used, please refer to the shipping instructions under “Requesting a new box/shipping labels.”

- **IMPORTANT:** When sealing the shipping box do not obstruct the bar code label.
- A copy of the Repair Order must be included with the returned inflator. The Repair Order must contain the following information: claim number, repair date, full 17-digit VIN, and mileage.

SPECIAL TOOLS

The air bag mounting bracket, shown below, is required to perform the front passenger air bag inflator module replacement procedure described in this bulletin. A bracket has been sent to each Saab Official Service Center (OSC). These brackets are being provided at no charge. The first bracket is provided at no charge, however, there is a charge for any additional brackets.



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(1) Mounting Bracket (2) Support Bars (3) Support Bar Hardware (4) Air bag Mounting Hardware.

SERVICE PROCEDURE FOR 2006 MY SAAB MODEL 9-2X Inflator Kit Part Number: 98279FE16

CAUTION: Refer to the “CAUTION” section in the General Description portion of Airbag System AB in the Body Section of the Service Manual before handling or servicing any airbag module!

STEP 1- PREPARATION:



- Record the customer's radio station presets (and Navigation favorites when applicable).
- Turn the ignition "OFF".
- Disconnect the Negative (ground) cable from the battery and wait **at least 60 seconds** before proceeding further.
- Remove the glove box assembly following the procedure in WIS.
- Disconnect the wiring harness connector, remove the 3 securing bolts and remove the airbag module.
- Secure the airbag module to the Airbag Deployment Fixture (EL-51377).

IMPORTANT NOTE: **The photos available at the time of this procedure's preparation do not show the removed airbag module assembly as being secured to the Airbag Deployment Fixture during inflator replacement. General Motors STRONGLY RECOMMENDS ALWAYS utilizing the Airbag Deployment Fixture whenever performing ANY airbag inflator replacement service procedure.**

IMPORTANT: **Whenever beginning to remove (or install) the airbag assembly, and periodically while performing the procedure or after stepping away, remove any possible static charge from your body by momentarily touching a clean, bare metal ground point on the vehicle (e.g. the door striker). Remove from your person all electronic devices including cell phones before proceeding.**

IMPORTANT: **DO NOT destroy or damage the Kit Box as it MUST be used for the original inflator's return shipping.**

Open the Kit Box and confirm all the necessary components are included:

- 4 Self-Locking nuts
- 1 ½" X 2 ¼" piece of self-adhesive sponge tape
- New Inflator (yellow tape applied to one end to identify it as the replacement part)
- New Inflator Harness
- Electro-Tap (red shorting crimp connector)
- Shipping Documentation



REMINDER: It is **STRONGLY RECOMMENDED** the removed airbag module **ALWAYS** be mounted to the Airbag Deployment Fixture (file photo shown below) to better secure it during the inflator replacement procedure. When mounting the module to the fixture, pay close attention to the harness routing. Always perform this work in an area away from others to reduce chances of inadvertent injury should any deployment occur. Take your surroundings into account to avoid possible hazards should an inadvertent deployment occur or sources of static or other electricity that could potentially induce such a deployment.

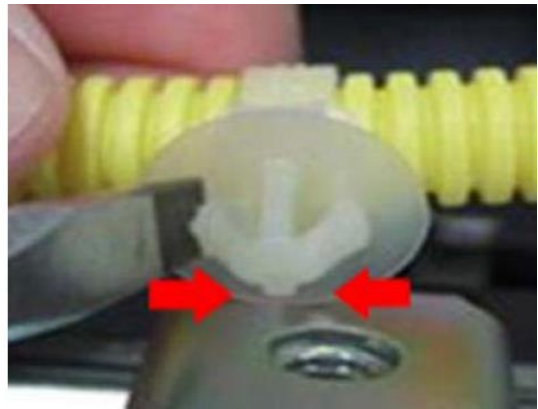
Photo for demonstration purposes only.



STEP 2- Peel the sponge tape and remove the harness clips from the retainer bracket by pushing the tangs inward with a flat-blade screwdriver as shown below. Always



remove any sponge tape adhesive residue from the airbag mounting bracket using mild solvent on a clean shop cloth.



CAUTION: Never use any silicone-based products for this purpose.

STEP 3- Using a scissor or wire cutter (no knives or razors) **CAREFULLY** cut the yellow harness cover tube (approximately 1 1/2 inches) enough to expose the red and yellow wires inside and provide enough room to install the Electro-Tap (shorting) connector. **TAKE YOUR TIME AND BE CAREFUL TO NOT CUT THE 2 WIRES!**

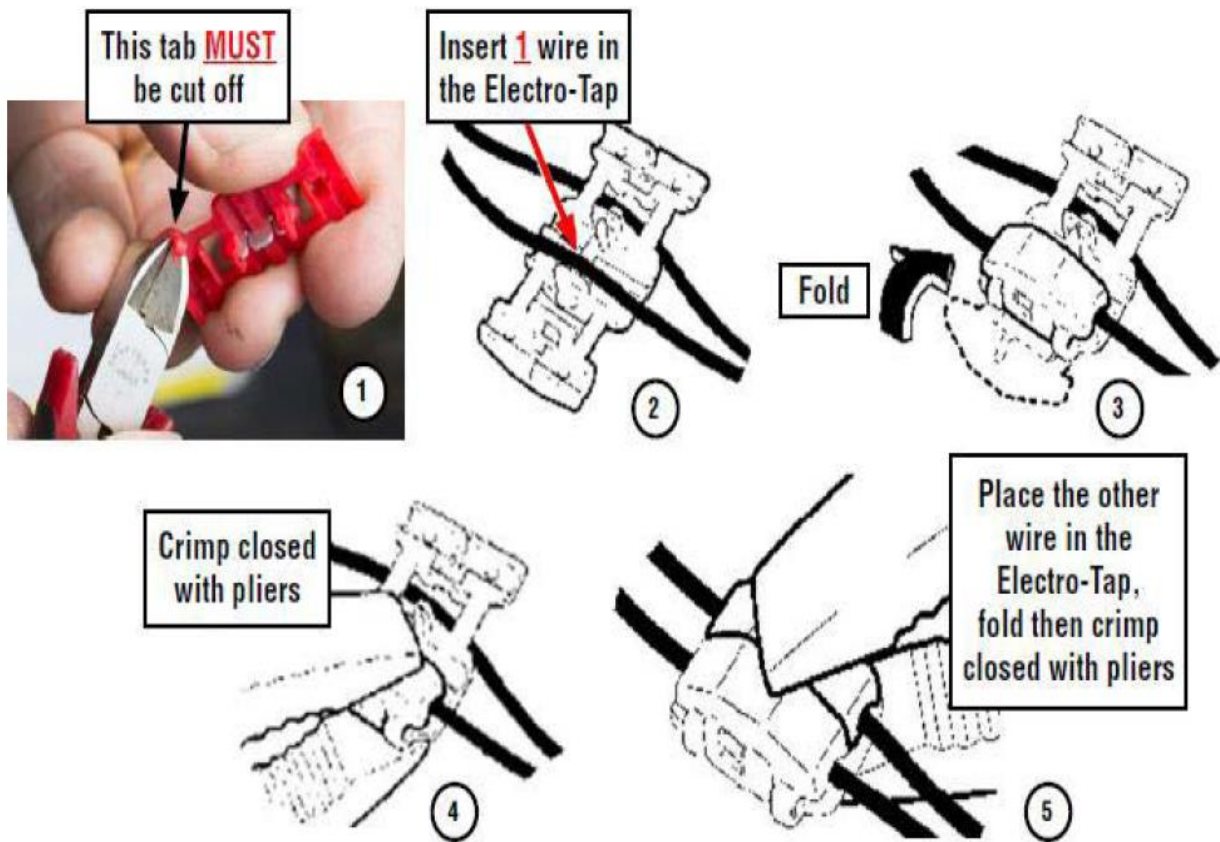


STEP 4- Short the yellow and red wires together by installing the Electro-Tap connector.



The connector creates a short circuit which acts as a safeguard to prevent against static discharge that may deploy the removed inflator. The tab portion of the Electro-Tap connector **MUST** be cut off prior to use to insure a good short-circuit is made as shown in the illustration below.

Follow the sequence below for installing the Electro-Tap connector. Use pliers to squeeze closed the two sections of the connector together, **one section at a time**.



STEP 5- Once the Electro-Tap connector is fully crimped in place, cut the yellow and red wires **on the body harness connector side** of the Electro-Tap connector.

STEP 6- Loosen and remove the five (4) 10mm self-locking nuts along with the stopper plate. **DO NOT DISCARD** the removed stopper plate as it will be reused during



reassembly. Discard the 4- 10mm nuts.



VERY IMPORTANT: Under no circumstances should any impact or power tools be used when performing these procedures. HAND TOOLS ONLY!

STEP 7- With the self-locking nuts and stopper plate removed, slide the original inflator out of the mounting bracket while feeding the cut off portion of the wiring harness under the remaining stopper plate. Place the removed original air bag inflator back into the “cradle” of the Kit Box insert.



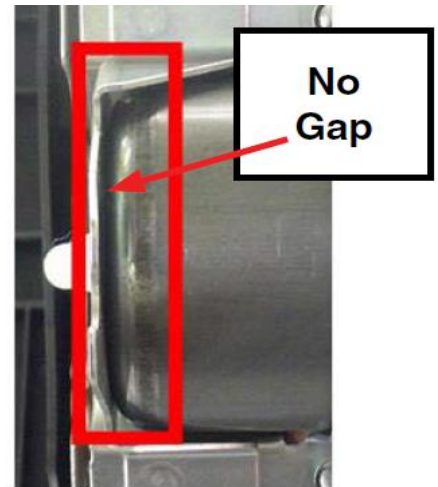
STEP 8 - VERY IMPORTANT: Record the **11-digit alpha-numeric serial number** for both the new and the removed inflators on the hard copy of the Repair Order. This



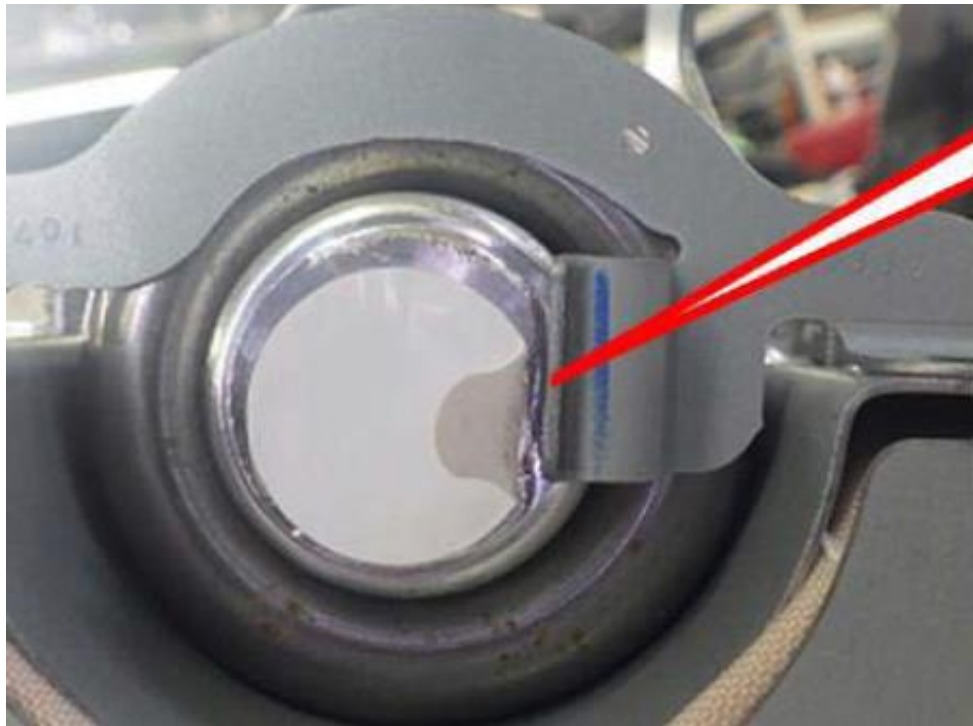
information will be required for completion of the Part Return Notice which will be forwarded by the retailer to the PCC.



STEP 9- Install the new inflator into the mounting bracket so the yellow taped end will align with the stopper plate when reinstalled on the mounting bracket. When properly installed, both ends of the inflator will be seated tight against the stopper plates with no gaps.



Make sure the “D-shaped” portion of the inflator harness connector boss aligns with the “D-shaped” portion of the original stopper plate as shown below. **Do not peel the white harness connection dust cover at this time.**



**Properly
Aligned**

STEP 10- Reinstall the original stopper plate and the 4 **NEW** self-locking nuts. **SLOWLY** tighten (to prevent over-tightening) then torque the nuts to 31-38 inch-pounds. When complete, use a marker to indicate they have been fully tightened.





STEP 11- Peel the white dust cover from the d-shaped end of the new inflator. The new inflator wiring harness has 2 “sides” with round 2-pin connectors on both ends. The side with the yellow harness tube and red / yellow wires will connect to the end of the inflator with the “D-shaped” wiring harness connector boss as shown below. Peel the white dust cover from the “D-shaped” end of the inflator **ONLY**.

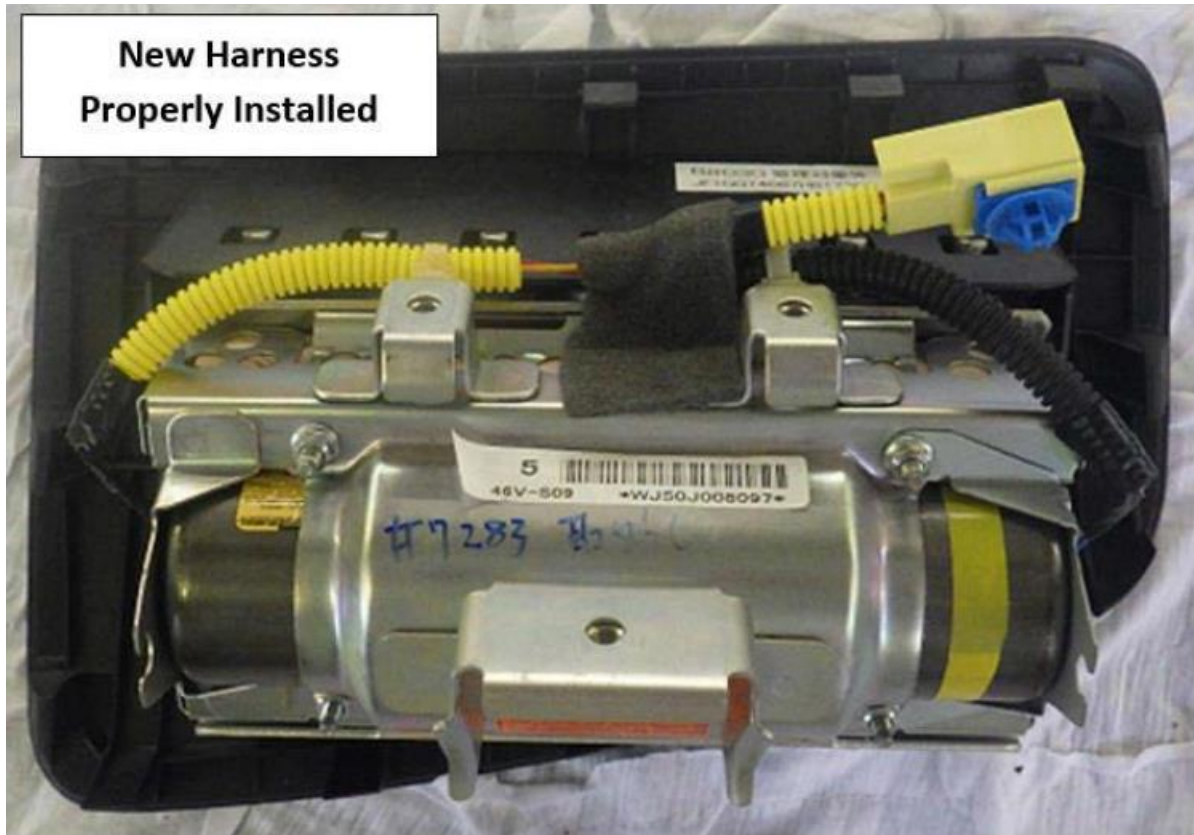


IMPORTANT: NEVER PEEL BOTH THE WHITE DUST COVERS OFF AT THE SAME TIME!

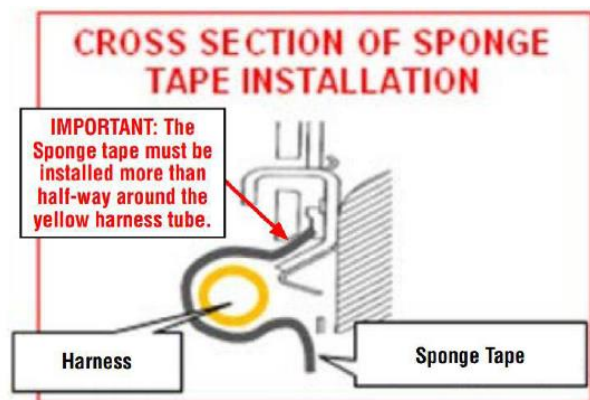
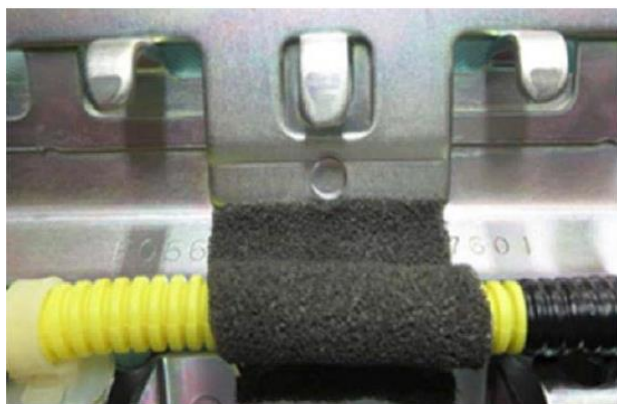
CAREFULLY align the pins of the inflator (end with yellow tape) with the female terminals of the harness connector (blue / white wires, **BLACK** harness tube) as shown in the photo below. Once the pin alignment is confirmed, push down firmly to engage the connector’s 3 locking tangs into the locking groove inside the connector boss. Confirm the connector is locked by prying up **LIGHTLY** with a small flat-blade screwdriver. Repeat the procedure on the opposite side (red / yellow wires, **YELLOW** harness tube). When complete, refit the harness retaining clips back into the mounting brackets.

VERY IMPORTANT: When connecting the new harness to the inflator, **both sides MUST be routed as shown** in the “New Harness Properly Installed” photo below.

New Harness
Properly Installed



STEP 12- Peel the adhesive backing and install the new sponge tape onto the yellow harness tube first then adhere it to the airbag mounting bracket as shown in the illustrations below.





STEP 13- Reinstall the airbag assembly into the vehicle in reverse order of disassembly.

NOTE: If the accessory security module is installed to one of the airbag module mounting bolts, torque that specific bolt to 7.5 +/-1ft. lb. rather than the normal 5.4 ft. lbs. as specified in the Service Manual. Before installing the glove box assembly, reconnect the negative battery cable. Turn the ignition key “ON” and confirm the AIRBAG warning light comes on then cycles off properly. Once proper warning light operation is confirmed, reinstall the remaining components and reset the radio station presets (and Navigation favorites where applicable). Reinstall the glove box assembly while making sure the cord loop for the opening dampener (if equipped) stays connected to complete the procedure.

STEP 14- Place the removed original air bag inflator in the “cradle” of the Kit Box insert, with a tag containing the following information: **Claim Number, Repair Date, 17-digit VIN, and vehicle mileage.** Refer to the “PART RETURN PROCEDURES” section of this bulletin for further return shipping instructions and information. **Ensure both the removed and installed inflator serial numbers have been recorded correctly as previously instructed on the repair order hard copy before returning the removed part to your Parts Department.**

IMPORTANT: UNDER NO CIRCUMSTANCES SHOULD ANY AIR BAG INFLATORS BE RETURNED TO SAAB, ORIO or SUBARU OF AMERICA, INC.



WARRANTY TRANSACTION INFORMATION

Submit a claim using the table below.

CLAIM INFORMATION – US & Canada Saab Only

Labor Op.	Description	Failed Object	Fault-Reason Code	Loc. Code	Warr Type	Repair-Action Code	Labor Time	RAC
1504401	Replace Front Passenger Air Bag Inflator Module	15044	71	4	05	01	1.1	3

CUSTOMER NOTIFICATION – For U.S. and Canada

Saab-General Motors will notify customers of this recall on their vehicle.

The U.S. National Traffic and Motor Vehicle Safety Act provides that each vehicle that is subject to a recall of this type must be adequately repaired within a reasonable time after the customer has tendered it for repair. A failure to repair within sixty days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within a reasonable time, the customer may be entitled to an identical or reasonably equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation. To avoid having to provide these burdensome remedies, every effort must be made to promptly schedule an appointment with each customer and to repair their vehicle as soon as possible. In the recall notification letters, customers are told how to contact the U.S. National Highway Traffic Safety Administration if the recall is not completed within a reasonable time.

OSCs are to service all vehicles subject to this recall at no charge to customers, regardless of mileage, age of vehicle, or ownership, from this time forward. In summary, whenever a vehicle subject to this recall enters your vehicle inventory, or is in your facility for service in the future, you must take the steps necessary to be sure the recall correction has been made before selling or releasing the vehicle.

NOTE INFLATOR RETURNS

These Return Instructions are for the Continental US Saab OSC (48 States).

NOTE: Locations outside of the Continental United States (Hawaii, Alaska, Puerto Rico, Virgin Islands INCLUDING Mexico and Canada CANNOT follow below shipping instructions. Instead, Saab OSC in these locations MUST contact the following Takata/XPO USA representative directly for shipping instructions: Armando Gonzales – Tel#: 210-250-5039 or Email: Armando.Gonzales@xpo.com SCTakataRestrains_International@XPO.com

1. Shipping Documents

a) Box Label

- Supplied with each Kit
- To be affixed to each box



b) Over-pack Label

- To be supplied by XPO.
- To be affixed to the outside of each pallet



c) Bill of Lading

- To be supplied by XPO.
- Print 2 copies: 1 for Saab OSC Records, 1 for LTL Driver



d) ERG Document

- To be supplied by XPO.
- To be provide by the Saab OSC to the LTL Driver for each shipment



2. Packing Instructions

a) Confirm box is in acceptable condition. If a new box is needed, follow the New Box instructions located in Box 8 of this page.

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



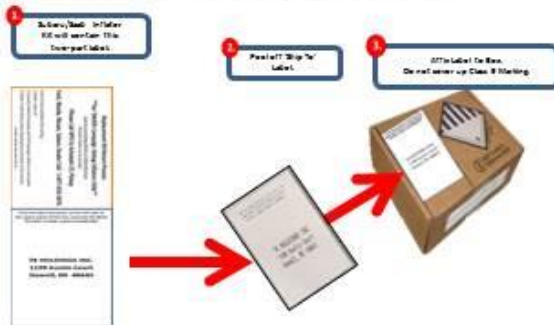
3. Closure Instructions

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



4a. Shipping Instructions - Label each Box

a) New Labels began shipping in each kit starting mid August, 2015



4b. Shipping Instructions – Label each Box

a) If you continue receiving Inflator Kits with the original Fedex Documentation:

1. Peel off the backing of the Fedex Ground PRP Shipping label and affix to top of box to left of the Class 9 label.
 - Use the scribe line on the box as a guide
 - The FedEx Ground PRP Shipping label must not touch any portion of the printing to the right of the scribe line.
2. Discard the remaining Documentation
3. **Do Not** contact FedEx



5. Shipping Instructions – Prepare the shipment or pallet

- Accumulate and package kits
- Arrange Kits on Pallet (if needed) as pictured here
 - 20 boxes per row/layer (5x4)
 - 10 rows/layers per pallet (200 boxes)
- Shrink-wrap Kits to Pallet if used
- Affix Over-pack Label on (1) side of Pallet (Not on Top)



6. Shipping Instructions – Schedule LTL Pickup

a) **Every 90 days** (or upon accumulating 200 kits 1 Over-pack/Pallet)
Call XPO at 1-877-650-3476

- b) Have the following Information Available
- OSC #
 - Quantity of kits/packs/pallets
 - Quantity of Inflator Kits in each package/pallet
 - Email Address where shipping Documentation can be received

7. Shipping Instructions – Ship

- Give 1 Copy of BOL and 1 Copy of ERG to Driver
- Retain 1 Copy of BOL for Saab OSC records and archive for 2 Years

8. Requesting a New Box / Shipping Labels

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

Primary Contact- XPO Customer service RepTel #: 210-250-5079

E-Mail: SCFieldAction.14305@xpo.com

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

- Serial number on the original box
- What Type of shipping material needed
 - Replacement Box
 - Two Part Return Label
 - Bill of Lading
 - ERG Form
 - OSC Shipping Information
 - Contact name
 - OSC Address
 - Phone Number

