ATTENTION:

GENERAL MANAGER ❑
PARTS MANAGER ❑
CLAIMS PERSONNEL ❑
SERVICE MANAGER ❑

IMPORTANT - All Service Personnel Should Read and Initial in the boxes provided, right.

SUBARU

QUALITY DRIVEN® SERVICE

PRODUCT CAMPAIGN BULLETIN

APPLICABILITY: 2003-2004 Subaru Legacy and Outback
2003-2004 Subaru Baja
2004 Subaru Impreza
(including WRX and STI)

NUMBER: WQL-48R
DATE: August 2014
REVISED: September 11, 2014
NHTSA ID: 14V-399

SUBJECT: Front Passenger Air Bag Inflator Replacement

Subaru of America, Inc. (SOA) has determined that a defect, which relates to motor vehicle safety, may exist on certain 2003-2004 model year Subaru Legacy, Outback, and Baja vehicles, and certain 2004 model year Subaru Impreza (including WRX and STI) vehicles.

The subject vehicles are equipped with front passenger air bag inflators which could have been assembled with improperly manufactured propellant wafers. In the event of a crash necessitating deployment of the passenger side frontal air bag, improperly manufactured propellant wafers inside the inflator could cause the inflator to rupture with metal fragments striking and potentially seriously injuring the vehicle occupants.

Although the percentage of affected vehicles is unknown, this recall will involve replacing the front passenger air bag inflator on all of the potentially affected vehicles.

AFFECTED VEHICLES

This condition may exist on certain 2003-2004 model year Legacy, Outback, and Baja vehicles, and certain 2004 model year Impreza, WRX, and STI vehicles listed below.

Not all vehicles within these production date ranges are affected by this recall. The potentially affected vehicles were identified based on the serial number of the front passenger air bag inflator installed during vehicle production.

Coverage for all potentially affected vehicles must be confirmed by using the Vehicle Coverage Inquiry function on subarunet.com. This data will be available when owner notification begins.

MODEL YEAR	MODEL	STARTING PRODUCTION DATE	ENDING PRODUCTION DATE
2003	Legacy	01/22/2003	05/14/2003
2004	Legacy	03/17/2003	02/10/2004
2003	Outback	02/18/2003	04/15/2003
2004	Outback	02/28/2003	02/11/2004
2003	Baja	01/22/2003	05/06/2003
2004	Baja	03/03/2003	07/21/2004
2004	Impreza, WRX, STI	01/08/2003	05/15/2003

Continued...

OWNER NOTIFICATION

Notification letters will be sent to owners of all potentially affected vehicles. Owner notification is currently scheduled to begin on August 11, 2014. A copy of the Owner Notification Letter is included at the end of this bulletin.

RETAILER AFFECTED VIN LISTS

Each Subaru retailer will receive an affected VIN list from their Zone Office when owner notification begins. Vehicles will be assigned to retailers in the affected VIN list as follows:

- Original vehicle owners are assigned to the original selling retailer when their current address is within a 100 mile radius of that retailer.
- If the original selling retailer is inactive, the VIN has been assigned to the nearest active retailer.
- For any new owners or when original owners live more than 100 miles from the original selling retailer, the VIN has been assigned to the nearest active retailer.

Important: Retailer affected VIN lists include owner name and address information for vehicles affected by this recall. This information will enable retailers to follow-up with owners of potentially affected vehicles. The lists contain owners' names and addresses obtained from State Motor Vehicle Registration Records. The use of such motor vehicle registration data for any other purpose is unlawful. Accordingly, retailers are urged to limit the use of these lists for the purpose of completion of this safety recall.

SUBARU RETAILER PROGRAM RESPONSIBILITY

Retailers are to promptly perform the applicable service procedures to correct all affected vehicles in their inventory (new, used, demo & SSLP). Additionally, whenever a vehicle subject to this recall is taken into retailer new or used inventory, or in for service, necessary steps should be taken to ensure the recall correction has been made before selling or releasing the vehicle.

New, used, demo or SSLP (Subaru Service Loaner Program) vehicles listed in a recall/campaign that are in the retailer's stock must be:

- Immediately identified.
- Tagged or otherwise marked to prevent their delivery or use prior to inspection and/or repair.
- Repaired in accordance with the repair procedures outlined in this Product Campaign Bulletin.

Continued...

PARTS INFORMATION

The parts required for this recall are the passenger air bag inflator module kits listed below:

PART NUMBER	APPLICABILITY	DESCRIPTION	ORDER QUANTITY
98279AE00A	Legacy, Outback, and Baja	WQL-48 Air Bag Inflator Module Kit	1
98279FE000	Impreza, WRX, and STI	WQL-48 Air Bag Inflator Module Kit	1

These parts are available through normal parts ordering channels. In order to maintain an adequate part supply, SOA requests that retailers only order quantities necessary to satisfy anticipated demand.

PART RETURN PROCEDURES

IMPORTANT:
Each removed air bag inflator must be returned directly to the supplier, Takata USA, in the same box in which the new one was received.

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 the 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.

- 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**.
- Prepaid FedEx shipping documents and shipping instructions will be included with each new air bag inflator kit. A copy of this information is included as 'Appendix A' of this bulletin.
- A completed SOA Warranty Parts Tag (MSA5W402A) must be attached to the returned inflator. The tag must contain the following information: claim number, repair date, full 17-digit VIN, and mileage.
- Takata USA has assigned each Subaru retailer a **ChemTrec Contract Number** (CCN). As shown in step 5 of the shipping documentation instructions, the shipping retailer must fill in their name, address, and CCN.
    - ChemTrec is a company that provides 24-hour emergency response and information to hazardous material shippers.
    - The assigned CCN allows the Subaru retailer to ship hazardous material as an affiliate to Takata USA's registration with ChemTrec. This number is required on the return shipping form.

Continued...

A list of all Subaru retailers along with their assigned CCN information is included as 'Appendix B' of this bulletin. It is SOA's intention to include a copy of this list with each new air bag inflator kit, however the first shipment of parts will not include this list as it was not available at the time the parts were packed. Future shipments will include this document for reference.

The CCN list included with future shipments will be updated periodically to include new Subaru retailer information. If a Subaru retailer is unable to find their CCN, they should contact Takata USA as described in step 5 of the shipping documentation instructions.

SOA PART RETURN NOTICE

Upon claim approval, Subaru of America, Inc. will generate a Part Return Notice requesting information only. To ensure proper claim credit, the following information must be recorded on the SOA Part Return Notice and sent to SOA Part Collection Center (PCC) as instructed on the return notice:

- The FedEx Shipper Receipt # (from shipping form)
- The OLD and NEW air bag inflator serial numbers

The Part Return Notice should then be returned using UPS 3rd party billing to the address listed at the bottom of the notice. Please keep the UPS tracking number for your records. Under no circumstances should the air bag inflator be returned to Subaru of America, Inc.

SERVICE PROCEDURE

This Campaign involves the replacement of the inflator portion of the passenger-side front airbag assembly. The subject inflators could have been assembled with improperly manufactured propellant components which may affect how the assembly inflates in the event of a collision resulting in an increased risk of injury to vehicle occupants. This procedure will outline removal of the passenger-side airbag assembly and replacement of the inflator component and related wiring harness.

VERY IMPORTANT: Failure to follow these service procedures carefully and correctly may result in an accidental deployment of the inflator and potentially cause serious injury. Please read through and understand these procedures COMPLETELY before beginning repairs. In addition, proper operation of the airbag after reassembly may be compromised if these service procedures are not followed.

Tools Required

DESCRIPTION	BRAND OR TYPE	QUANTITY
Pliers	-	1
Wire Cutters	-	1
Needle-Nose Pliers	-	1
Torque Wrench	Inch-Pound	1
Safety Goggles	-	1
Flat-Blade Screwdriver	-	1
Scissors	-	1
Ratchet	1/4" Drive	1
8 mm and 10 mm Socket		1 ea,
Airbag Deployment Fixture	J-39401-B	1

NOTE: Although the service procedure is similar for both Legacy / Outback / Baja and Impreza models, there are some significant differences. For this reason, procedures for both models will be outlined.

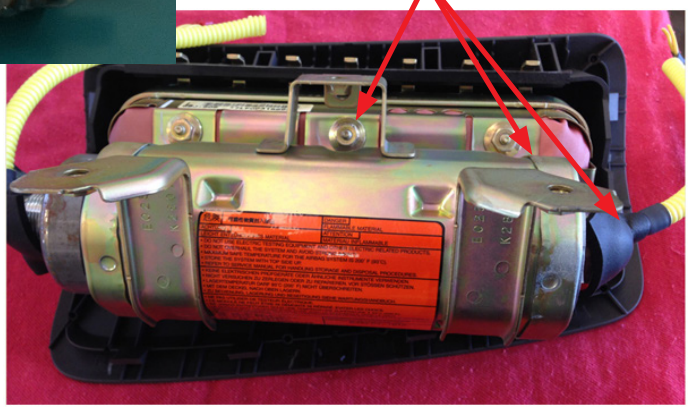
Continued...

CAUTION: Before starting this service procedure, perform a visual inspection of both front airbags looking for any damage or abnormality. Next, turn the ignition switch to the "**ON**" position and confirm the airbag warning lamp illuminates then extinguishes normally. If it does not or if **ANY** concern is noted with the airbag system, **STOP** and report these findings to the customer **BEFORE** proceeding further. Any concerns identified with the airbag system (when no airbag deployment has occurred), are not related to this campaign and must be addressed separately. Even if the system has a concern, this may not preclude completion of this campaign. If you are unsure about proceeding, document and fully diagnose the concern then contact the SOA Technical Helpline to review your findings. It is in the best interest of the retailer to fully document any concerns found during this preliminary inspection and review with the customer **BEFORE** proceeding with the campaign service procedure.

- **Vehicles that do not contain Genuine Subaru air bags are not eligible for this recall repair.** For more information on identifying counterfeit air bags and how to address related customer situations, please refer to STIS for the "Counterfeit Air Bag Information" Dealer Advisory Bulletin dated October 25, 2012 by going to Subarunet>Service>STIS>Online Reference - choose Publication Type: 'Other/ Miscellaneous' and search keywords: 'Air Bag').
- **Do not proceed with this repair if your inspection reveals a non-Genuine Subaru air bag module has been installed in the vehicle.** Follow the instructions described in the "Counterfeit Air Bag Information" Dealer Advisory Bulletin and contact the SOA Warranty Helpline to close out the WQL-48 recall coverage on the vehicle.
- **IMPORTANT:** Always examine airbag modules closely before and during removal. Confirm they match the photos of the Genuine Subaru airbag components supplied throughout this bulletin **BEFORE** proceeding. The photos below are just 2 examples of aftermarket or counterfeit airbag components identified by retailers since the release of this campaign bulletin. These photos are being provided as only 2 examples of what may be a wide variety of non-OEM components.
- If an aftermarket or counterfeit passenger airbag or inflator is identified at any point during the campaign service procedure, **STOP IMMEDIATELY**. **NEVER attempt to remove or otherwise disable any aftermarket or counterfeit device.**
- Document the presence of the aftermarket or counterfeit device on the repair order and with photos. Report this information immediately on a Quality Monitoring Report (QMR).
- Once the QMR has been submitted, contact the Subaru Claims Helpline to discuss the details. They will advise you on how to proceed with treatment of the open campaign.

The shape, holes, and copper-colored stud indicate this not a Genuine Subaru inflator.

No visible stopper plates, a 6-nut configuration and rubber harness boots are other examples to indicate this is not a Genuine Subaru airbag module.



Continued...

SERVICE PROCEDURE FOR LEGACY / OUTBACK AND BAJA MODELS

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!

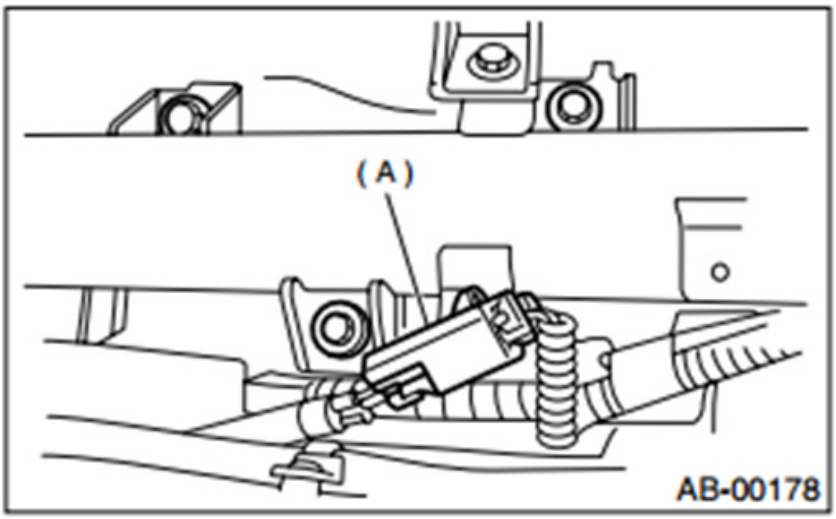
STEP 1- PREPARATION**:**

- Turn the ignition "OFF".
- Disconnect the Negative (ground) cable from the battery and wait **at least 20 seconds** before proceeding further.
- Remove the glove box assembly following the procedure in the applicable Service Manual and using the tips below.

The glove box is held in place by 8 screws.

  - The 2 upper left and right hand corner screws have a distinctive gold finish and 10mm hex head. It is helpful to leave these 2 screws until last when removing and install first during replacement to support the weight of the assembly.
  - It is necessary to remove the knockout plugs (stopper in the Service Manual) to gain access to all the mounting screws.
  - It is possible to leave the stoppers in place during servicing by carefully bending in the sides of the glove box until the stoppers are cleared.

- To prevent damage, do not bend them in any further than necessary.
- **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.**
- Disconnect the airbag module harness connector (A) and release it from the support beam bracket.



- Remove the 3 retaining bolts and **CAREFULLY** remove the airbag module from the vehicle and place it on a clean cloth to protect the dash trim outer surface portion from damage.

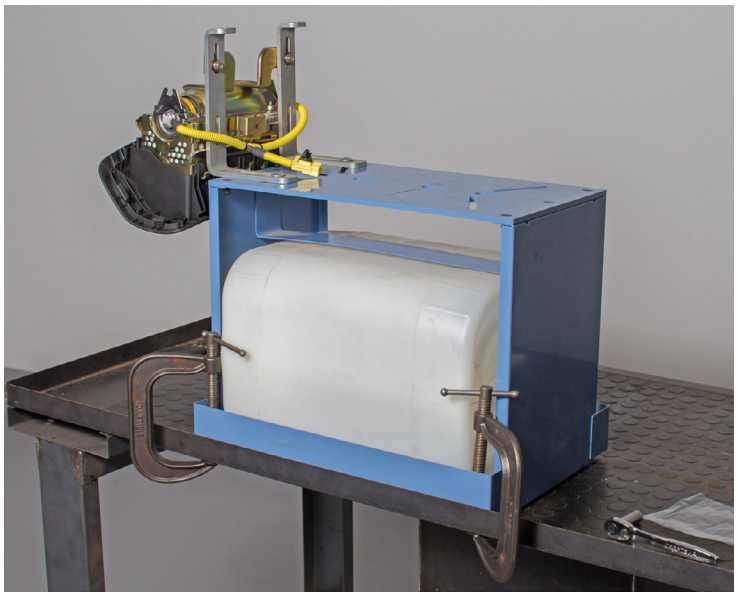
IMPORTANT: **DO NOT destroy or damage the Kit Box as it MUST be used for the original inflator's return shipping.**

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

  4 Self-Locking nuts
  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 Declaration document, FedEx document pouch and return shipping label

Continued...

- **IMPORTANT: The removed airbag module must be mounted to the Airbag Deployment Fixture (part number J-39401-B) as shown in the photo below to better secure it during the inflator and wiring harness component replacement procedures.** When mounting the module to the fixture, pay close attention to the harness routing as shown in the photo below. 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 inadvertent deployment occur or sources of static or other electricity that could potentially induce such a deployment.

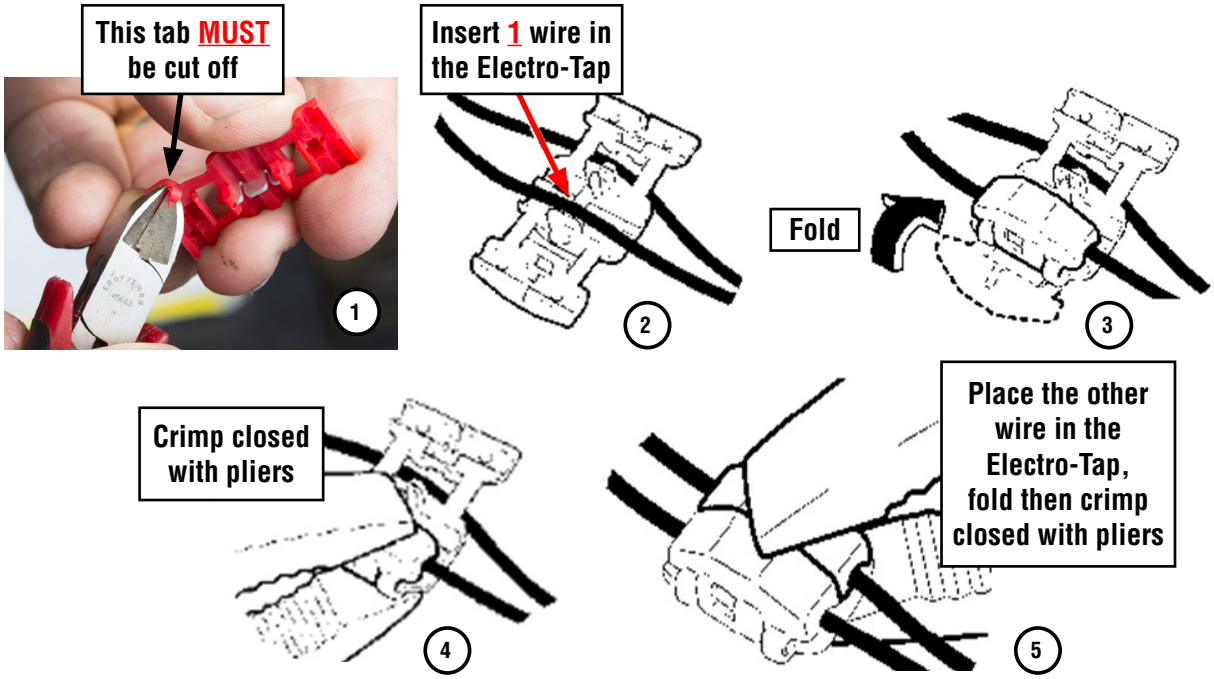


STEP 2- Remove the harness clip from the retainer bracket by rotating the harness / clip 90 degrees then releasing it from the bracket with needle-nose pliers.

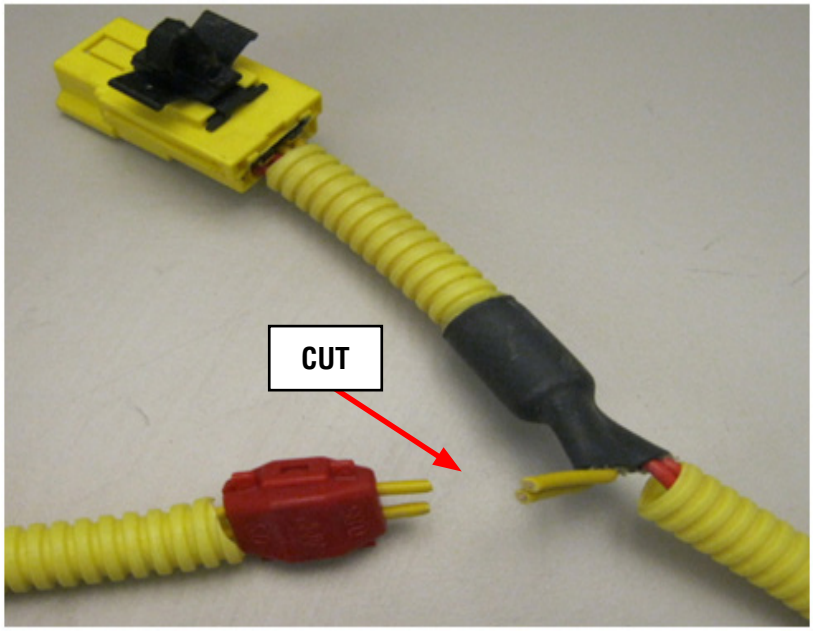
STEP 3- **CAREFULLY** cut the yellow harness cover (approximately 1 1/2 inches) enough to expose the 2 yellow wires inside and provide enough room to install the Electro-Tap (shorting) connector using a scissor or wire cutter (no knives or razors). **TAKE YOUR TIME AND BE CAREFUL TO NOT CUT THE 2 YELLOW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

Continued...

STEP 4- Short the 2 yellow 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**.



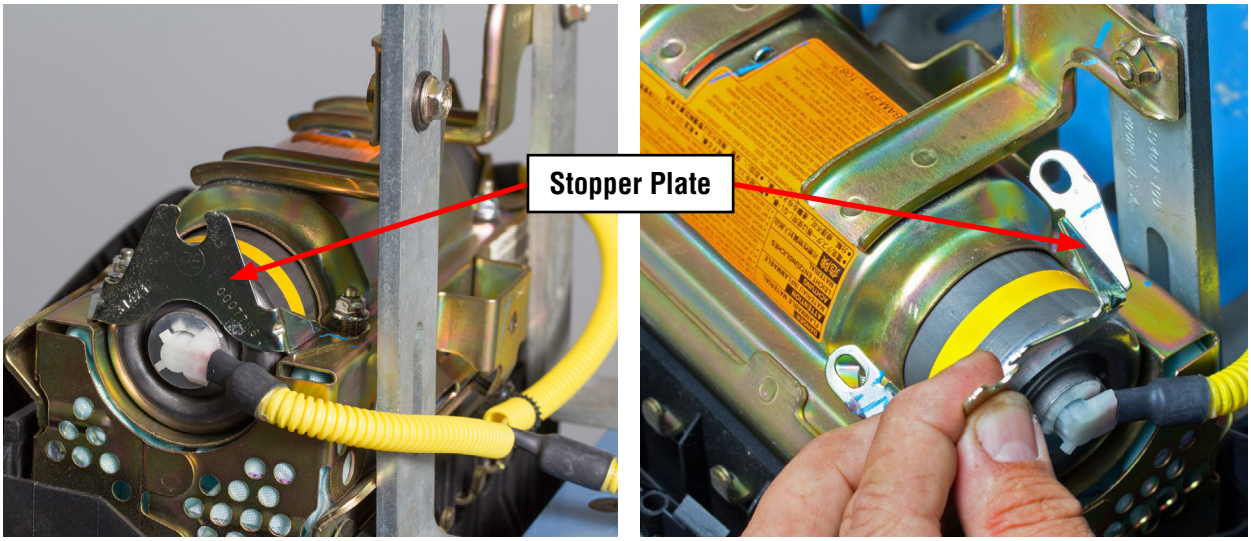
STEP 5- Once the Electro-Tap connector is fully crimped in place, cut the 2 yellow wires on the **body harness connector side** of the Electro-Tap connector.



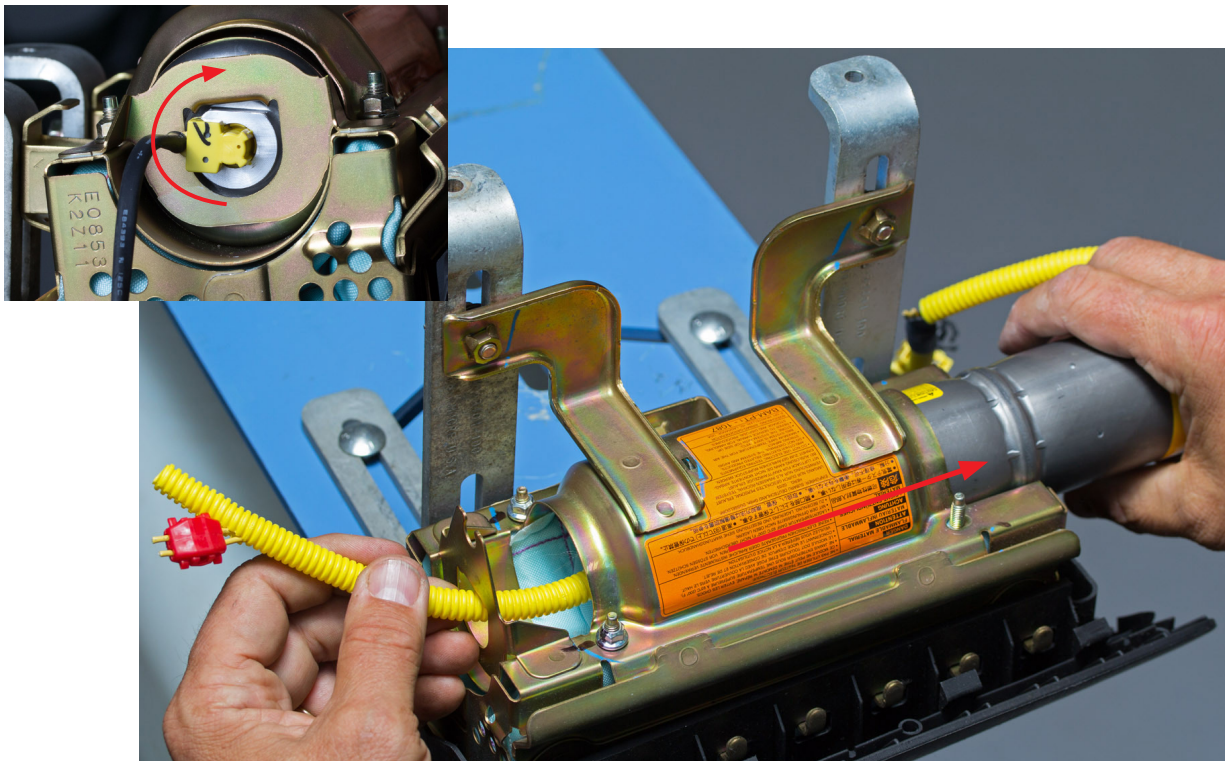
Continued...

STEP 6- Remove the two 8mm self-locking nuts securing the stopper plate. Loosen but **do not remove** the other two nuts on the mounting bracket as leaving them in place will help keep the airbag assembly together.

NEVER ATTEMPT TO REMOVE THE HARNESS CONNECTORS FROM THE INFLATOR!

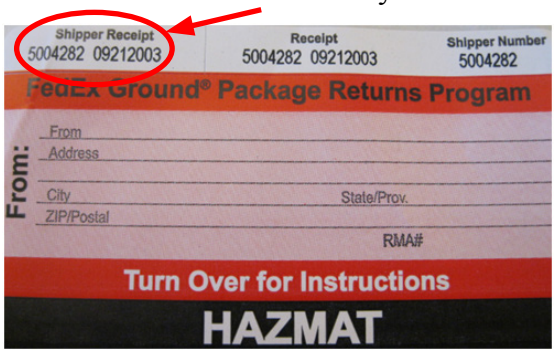


STEP 7- With the stopper plate removed and the other 2 self-locking nuts loosened, unseat the inflator off the mounting bracket end plate then rotate it slightly **CLOCKWISE** to make it easier to remove as shown below. Slide the original inflator out of the mounting bracket while feeding the cut off portion of the wiring harness through the "D-Shaped" hole in the end plate. **NEVER ATTEMPT TO REMOVE THE HARNESS CONNECTORS FROM THE INFLATOR!** Place the removed original air bag inflator in the "cradle" of the Kit Box insert.

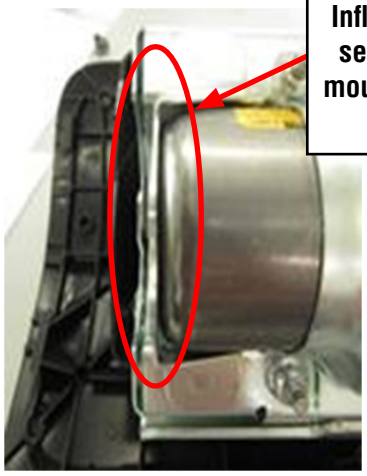


Continued...

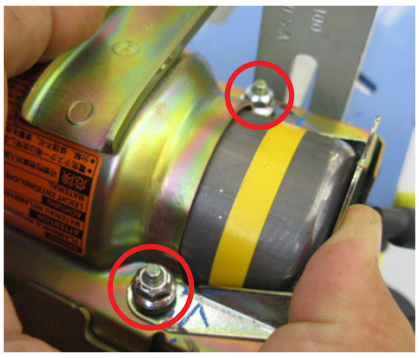
STEP 8- **<u>VERY IMPORTANT</u>**: Record the **FedEx Shipper Receipt Number** (located at the top of the return shipping label included with the new inflator) and the **11-digit alpha-numeric serial number for <u>both the new and the removed inflators</u>** on the hard copy of the Repair Order. This information will be required for completion of the Part Return Notice which will be forwarded by the retailer to the PCC.

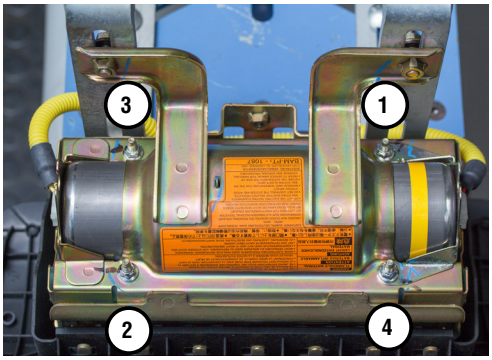


STEP 9- Install the new inflator into the mounting bracket so the yellow taped end aligns with the removed stopper plate. Make sure the "D-shaped" portion of the inflator harness connector boss aligns with the "D-shaped" portion of the hole in the end of the mounting bracket as shown below. When properly installed, the end of the inflator will be seated tight against the mounting bracket. Do not peel the white harness connection dust cover at this time.



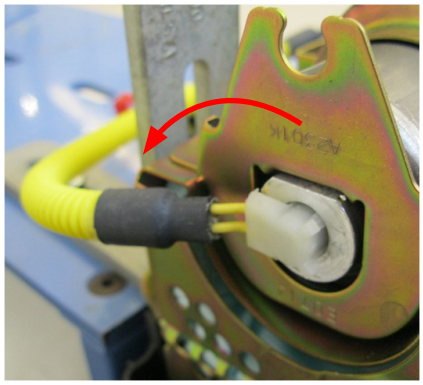
STEP 10- As shown below, install but **do not fully tighten** 2 of the NEW self-locking nuts while holding the stopper plate tight against the inflator. Remove the nuts still installed on the mounting bracket and replace them with 2 **NEW** self-locking nuts. Once all 4 **NEW** nuts are in place, **torque to 31 - 38 inch pounds in the sequence shown below**. Use a marker to mark the nuts after torquing to indicate they have been fully tightened.

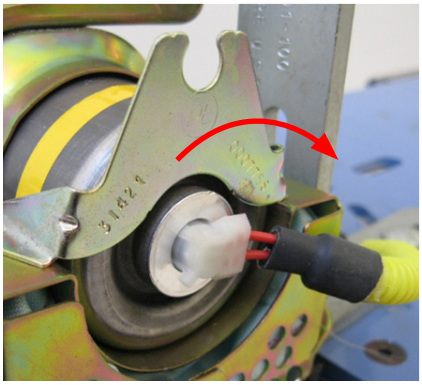




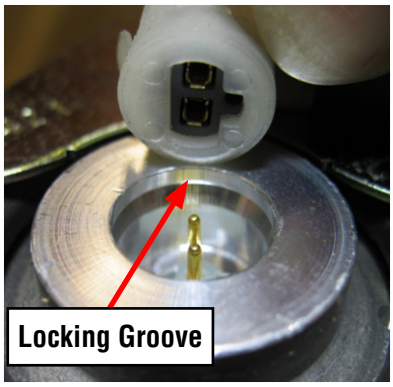
Continued...

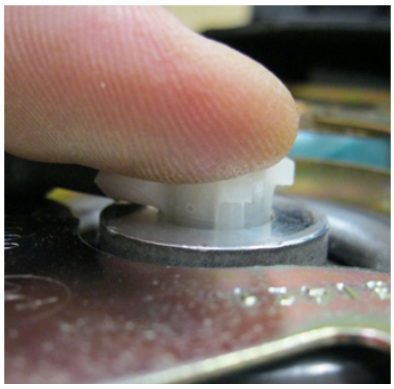
STEP 11- The new inflator wiring harness has a "long side" and a "short side" with round 2-pin connectors on both ends. The short side with red wires will connect to the end of the inflator with the round wiring harness connector boss, yellow tape and removable stopper plate. **VERY IMPORTANT: When connecting the new harness to the inflator, both sides of the harness MUST be routed toward the module's mounting brackets as shown in the photos below.**





Peel off the white dust cover from the round connector boss end of the inflator **ONLY**. **CAREFULLY** align the pins with the female terminals of the harness connector (2 red wires) as shown in the sequence below. **IMPORTANT: NEVER PEEL BOTH THE WHITE DUST COVERS OFF AT THE SAME TIME!** Once 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 D-shaped connector boss end (2 yellow wires). Reinstall the black wiring harness retaining clip into the mounting bracket to complete the airbag reassembly.





STEP 12- Reinstall the airbag assembly into the vehicle in reverse order of disassembly. 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 glove box assembly to complete the procedure.

STEP 13- Place the removed original air bag inflator in the "cradle" of the Kit Box insert, with a completed SOA warranty parts tag (MSA5W402A) attached to it. The tag must contain the following information: **Claim Number, Repair Date, 17-digit VIN, and vehicle mileage.** Refer to the "PARTS RETURN PROCEDURES" section of this bulletin (page 3) for further return shipping instructions and information. **Ensure both the removed and installed inflator serial numbers along with the FedEx Shipper Receipt number 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 SUBARU OF AMERICA, INC.

- Refer to Page 19 for instructions on completing and installing the Recall Identification Label.

Continued...

SERVICE PROCEDURE FOR IMPREZA, WRX and STI MODELS

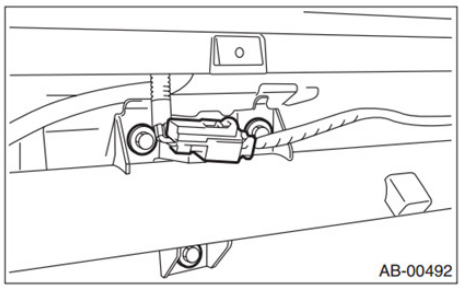
<u>CAUTION:</u> Refer to the "CAUTION" section in the General Description portion of Airbag System AB in the Body Section of the Service Manual before handling or servicing the airbag module!

STEP 1- PREPARATION:

- Turn the ignition "OFF".
- Disconnect the Negative (ground) cable from the battery and wait **at least 20 seconds** before proceeding further.
- Remove the glove box assembly following the procedure in the applicable Service Manual.

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 cellphones before proceeding.

- Disconnect the airbag module harness connector from the support beam bracket.
- Remove the 3 retaining bolts and **CAREFULLY** remove the airbag module from the vehicle and place it on a clean cloth to protect the dash trim surface portion from damage.



NOTE: There may be a Security Module secured with the lower airbag module mounting bolt on some models.

<u>IMPORTANT:</u> DO NOT destroy or damage the kit box as it <u>MUST</u> 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

  New Inflator (yellow tape applied to one end to identify it as the replacement part)

  New Inflator Harness

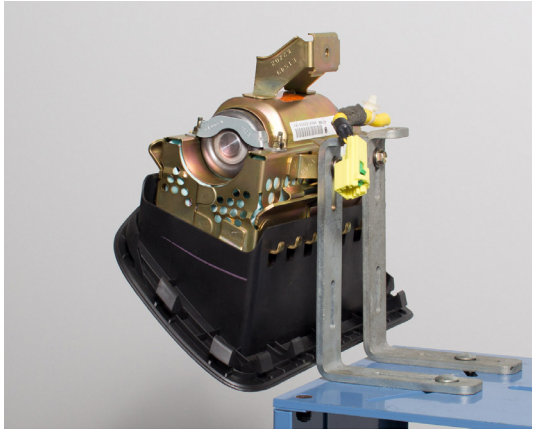
  Electro-Tap (red shorting crimp connector)

  1 ½" X 2 ¼" piece of self-adhesive Sponge Tape

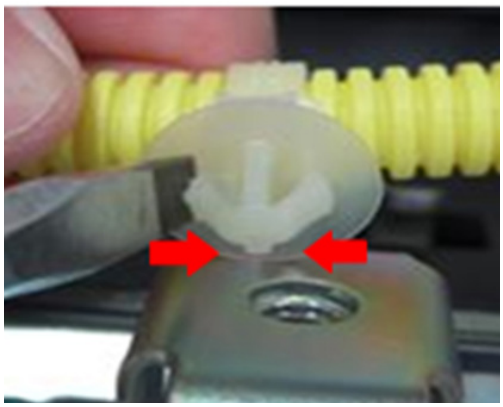
  Shipping Declaration document, FedEx document pouch and return shipping label

Continued...

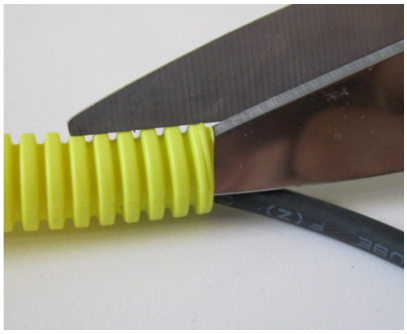
- **IMPORTANT: The removed airbag module must be mounted to the Airbag Deployment Fixture (part number J-39401-B) as shown in the photo below to better secure it during the inflator and wiring harness component replacement procedures.** Always perform this work in an area away from others to reduce chances of inadvertent injury should any deployment occur. Take your surroundings into account to avoid possible hazards should inadvertent deployment occur or sources of static or other electricity that could potentially induce such a deployment.

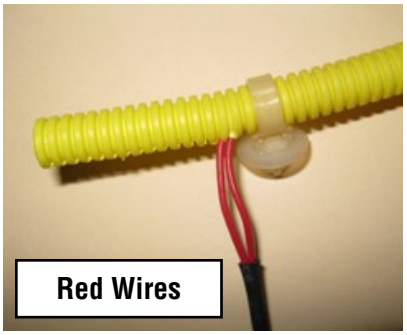


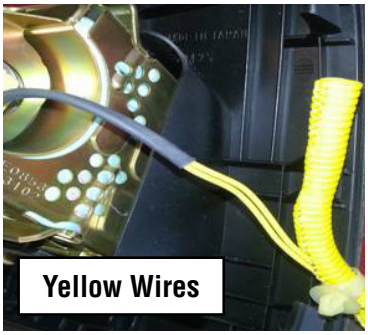
STEP 2- Peel the Sponge Tape and remove the harness clip from the retainer bracket by pushing the tangs inward with a flat-blade screwdriver as shown below. Always remove any Sponge Tape adhesive residue from the airbag mounting bracket using mild solvent on a clean shop cloth. **CAUTION:** Never use any silicone-based products for this purpose.



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

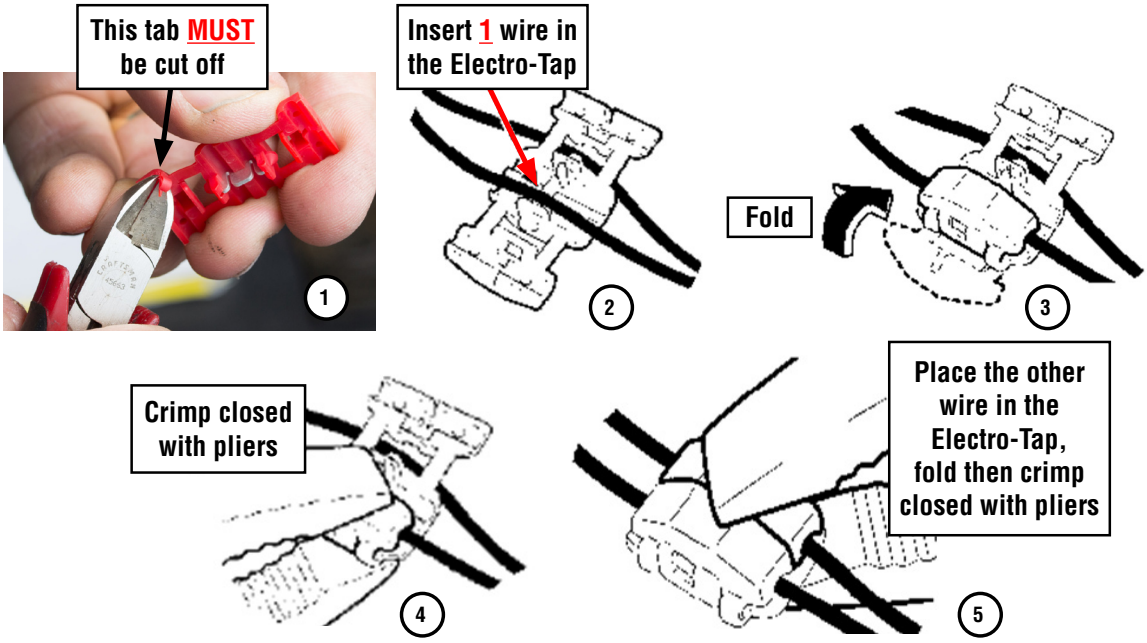




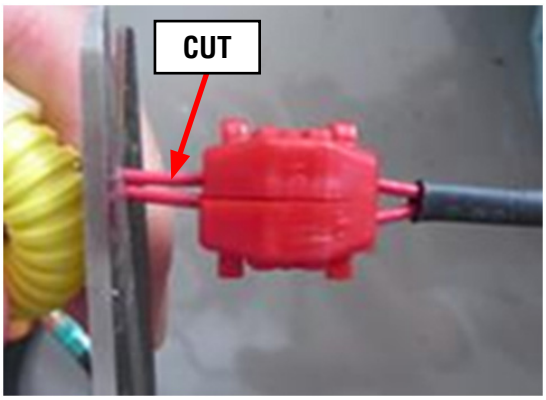


Continued...

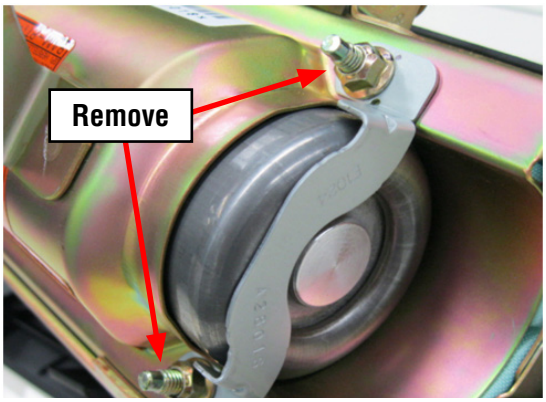
STEP 4- Short the 2 wires together by installing the Electro-Tap connector. The connector creates a short circuit which acts as a safeguard to prevent against static discharge that may deploy the removed inflator. The tab portion of the Electro-Tap connector **MUST** be cut off prior to use to insure 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 2 wires on the **body harness connector side** of the Electro-Tap connector.



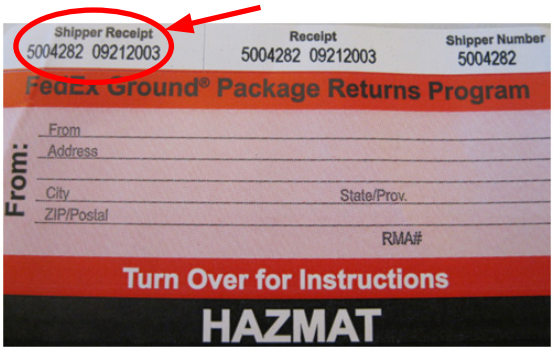
STEP 6- Remove the two 8mm self-locking nuts securing the stopper plate. Loosen but **do not remove** the other two nuts on the mounting bracket as leaving them in place will help keep the airbag assembly together.

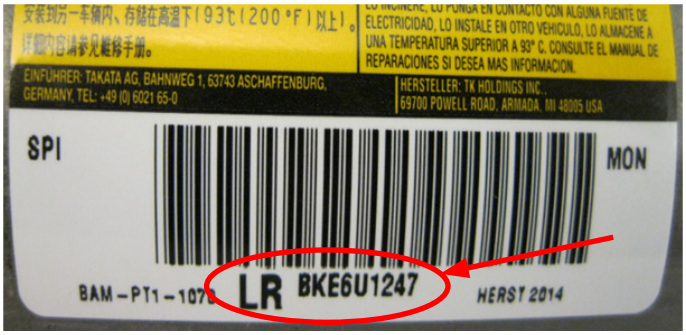


Continued...

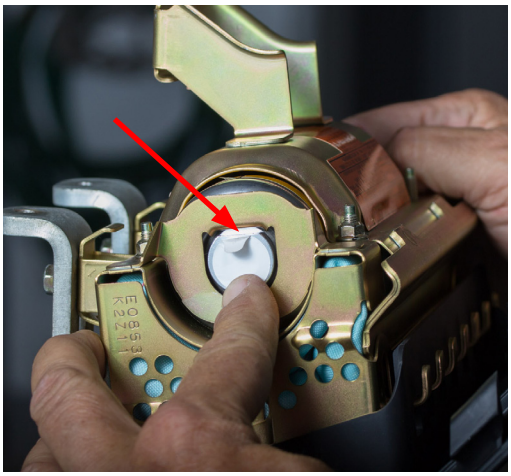
STEP 7- With the stopper plate removed and the other 2 self-locking nuts loosened, unseat the inflator off the mounting bracket end plate then rotate it slightly **CLOCKWISE** to make it easier to remove as shown in the photo to the right. Slide the inflator out of its mounting while feeding the cut off portion of the wiring harness through the "D-Shaped" hole in the end of the mounting bracket. **NEVER ATTEMPT TO REMOVE THE HARNESS FROM THE INFLATOR!** Place the removed original air bag inflator in the "cradle" of the Kit Box insert.

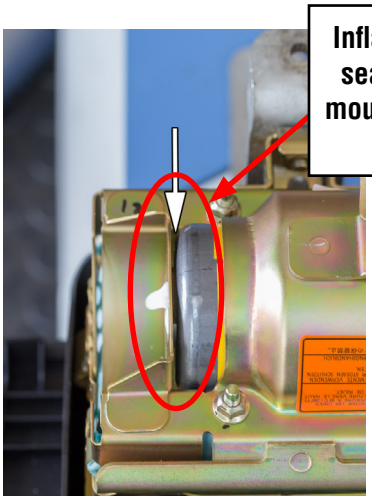
STEP 8- **VERY IMPORTANT:** Record the **FedEx Shipper Receipt Number** (located at the top of the return shipping label included with the new inflator) and the **11-digit alpha-numeric serial number for both the new and the removed inflators** on the hard copy of the Repair Order. This information will be required for completion of the Part Return Notice which will be forwarded by the retailer to the PCC**.** The new serial number is also a requirement for claim entry.





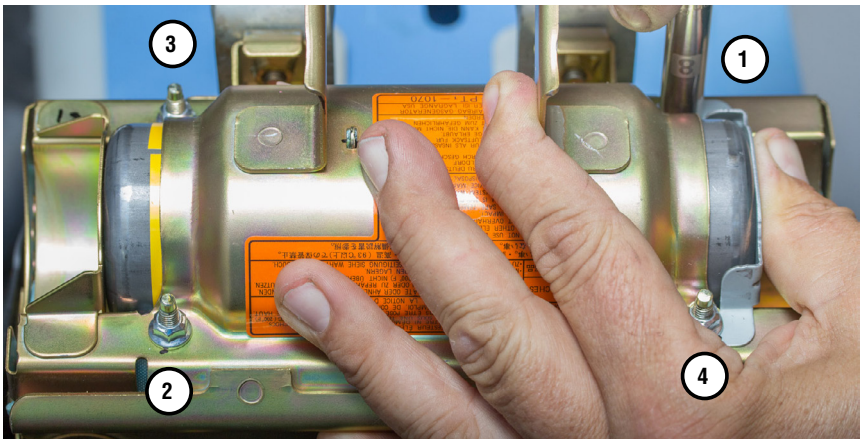
STEP 9- Install the new inflator into the mounting bracket with the harness connector end going in first toward the mounting bracket. Make sure the "D-shaped" portion of the inflator harness connector boss aligns with the "D-shaped" portion of the hole in the end of the mounting bracket as shown below. When properly installed, the end of the inflator will be seated tight against the mounting bracket. Do not peel the white harness connection dust cover at this time.



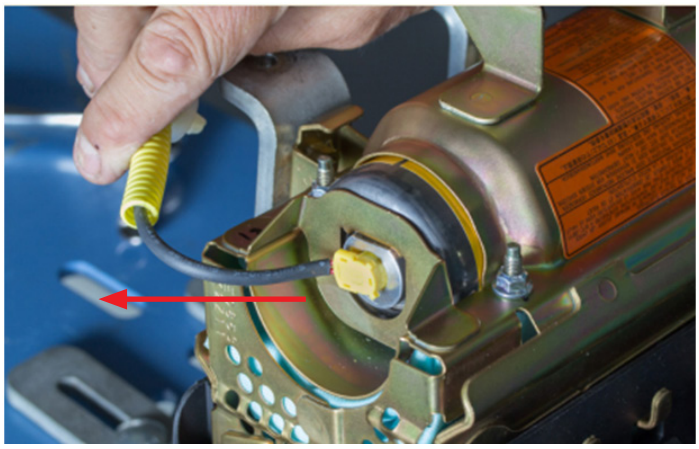


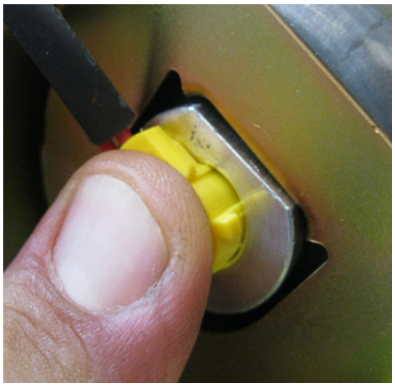
Continued...

STEP 10- As shown below, install but do not fully tighten 2 of the NEW self-locking nuts while holding the stopper plate tight against the inflator. Remove the nuts still installed on the mounting bracket and replace them with 2 **NEW** self-locking nuts. Once all 4 **NEW** nuts are in place, torque to 31 - 38 inch pounds in the sequence shown below. Use a marker to mark the nuts after torquing indicating they have been fully tightened.



STEP 11- VERY IMPORTANT: When connecting the new harness to the inflator, the harness MUST be routed toward the module's mounting brackets as shown in the photo below. Peel off the white dust cover and **CAREFULLY** align the 2 inflator pins with the female terminals of the harness connector as shown in the sequence below. Once pin alignment is confirmed, push down firmly to engage the connector's 2 locking tangs into the locking groove of the connector boss. Confirm the connector is fully locked by prying up **LIGHTLY** with a small flat-blade screwdriver**.**

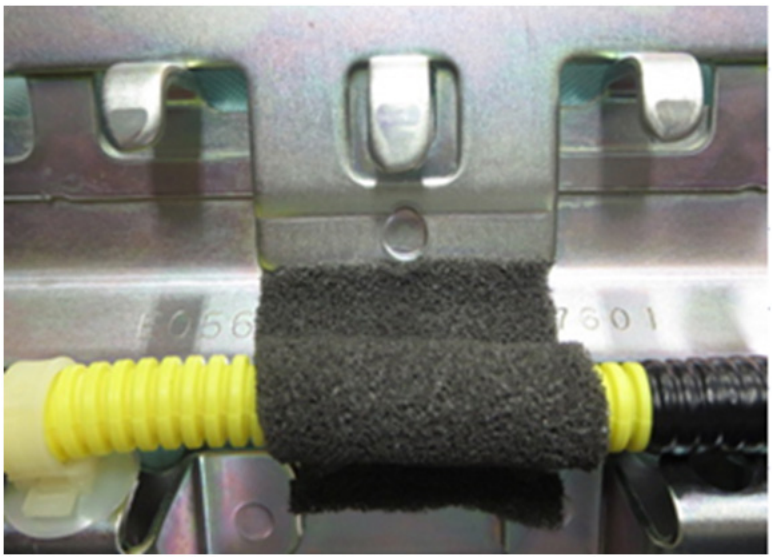




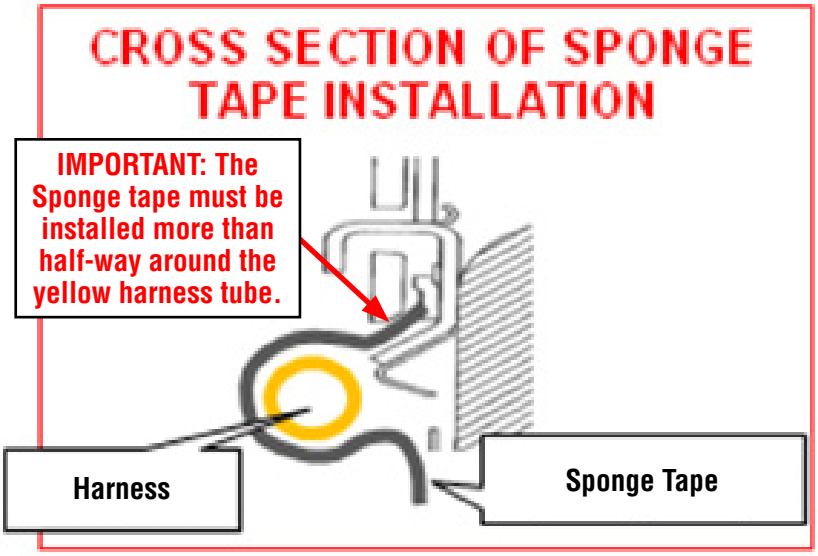
STEP 12- Reinstall the wiring harness retaining clip into its position on the mounting bracket.

Continued...

STEP 13- 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.



Placement of Sponge Tape



STEP 14- 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. lb. 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 glove box assembly while making sure the cord loop for the opening dampener (if equipped) stays connected to complete the procedure.

STEP 15- Place the removed air bag inflator in the "cradle" of the Kit Box insert, with a completed SOA warranty parts tag (MSA5W402A) attached to it. The tag must contain the following information: **Claim Number, Repair Date, 17-digit VIN, and vehicle mileage.** Refer to the "PARTS RETURN PROCEDURES" section of this bulletin (page 3) for further return shipping instructions and information.

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

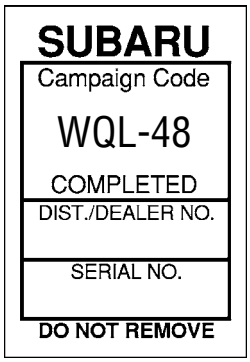
Continued...

RECALL IDENTIFICATION LABEL

Type or print the necessary information on a Service Program identification label. The completed label should be attached to the vehicle's upper radiator support.

Additional labels are available through normal parts ordering channels. The part number is MSA6P1302. Ordering qty 1 = 1 sheet of 20 labels.

PART NUMBER	APPLICABILITY	DESCRIPTION	ORDER QUANTITY
MSA6P1302	All models	Campaign Completion Labels (contains one sheet of 20 labels)	1



CLAIM REIMBURSEMENT AND ENTRY PROCEDURES

Credit to perform this recall will be based on the submission of properly completed repair order information. Retailers may submit claims through 'Vehicle Claim Entry' on Subarunet.com.

Listed below is claim entry information:

CLAIM TYPE	CAMPAIGN CODE	LABOR	DESCRIPTION	LABOR TIME
RC	WQL-48	A182-031	Front Passenger Air Bag Inflator Replacement	0.8

PART NUMBER	APPLICABILITY	DESCRIPTION	QUANTITY
98279AE00A	Legacy, Outback, and Baja	WQL-48 Air Bag Inflator Module Kit	1
98279FE000	Impreza, WRX, and STI	WQL-48 Air Bag Inflator Module Kit	1

Miscellaneous Detail	Enter the serial number of the **NEW** air bag inflator installed in the "Misc. Details" field.

Continued...

OWNER NOTIFICATION LETTER

IMPORTANT SAFETY RECALL
This notice applies to the VIN identified in the address section printed below.

Subaru of America, Inc
Subaru Plaza
PO Box 6000
Cherry Hill, NJ 08034-6000
800-782-2783
www.subaru.com

Subaru Recall Campaign WQL-48
NHTSA Recall No. 14V-399
August 2014

Dear Subaru Owner:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

SUBARU OF AMERICA, INC. has decided that a defect, which relates to motor vehicle safety, exists in certain 2003-2004 model year Legacy, Outback, and Baja vehicles, and certain 2004 model year Impreza, WRX, and STI vehicles.

You received this notice because our records indicate that you currently own one of these vehicles.

DESCRIPTION OF THE SAFETY DEFECT AND SAFETY HAZARD

Subaru was notified by its supplier that the subject vehicles are equipped with front passenger air bag inflators which could have been assembled with improperly manufactured propellant wafers. In the event of a crash necessitating deployment of the passenger side frontal air bag, improperly manufactured propellant wafers could cause the inflator to rupture with metal fragments striking and potentially seriously injuring the vehicle occupants.

REPAIR

Subaru will replace the inflator for your front passenger air bag at no cost to you.

WHAT YOU SHOULD DO

You should immediately contact your Subaru retailer (dealer) for an appointment to have the front passenger air bag inflator replaced with a new one.

HOW LONG WILL THE REPAIR TAKE?

The time to replace the front passenger air bag inflator is approximately 40 minutes. However, it may be necessary to leave your vehicle for a longer period of time on the day of your scheduled appointment to allow your Subaru retailer flexibility in scheduling. Please present this letter to your Subaru retailer at the time this repair procedure is performed.

CHANGED YOUR ADDRESS OR SOLD YOUR SUBARU?

If you have moved or sold your vehicle, please complete the enclosed prepaid postcard and mail it to us. Or, if you prefer to update this information online, please go to www.subaru.com, select Contact Us then select Update Address from the drop down menu.

Continued...

IF YOU NEED FURTHER ASSISTANCE:

To locate the nearest Subaru Dealer you can access our website at www.subaru.com and select "Find a Dealer".

For additional information and the most Frequently Asked Questions, please go to:

- http://www.wql48.service-campaign.com

If you need additional assistance, please contact us directly:

- E-mail: Go to www.subaru.com and select "Contact Us".
- Telephone: 1-800-SUBARU3 (1-800-782-2783)
  Monday through Thursday between 7:30 a.m. and 8:00 p.m. ET.
  Friday between 10:30 a.m. and 5:00 p.m. ET
  Saturday between 9:00 a.m. and 3:30 p.m. ET
- U.S. Postal mail: Write us at Subaru of America, Inc.
  Attn: CDS Department, P.O. Box 6000, Cherry Hill, NJ 08034-6000.

Please contact us immediately if the Subaru retailer fails or is unable to make the necessary repairs free of charge.

You may also contact the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave. SE, West Building, Washington, DC 20590 or call the toll free Auto Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153) or go to http://www.safercar.gov if you believe the Subaru retailer has failed or is unable to remedy your vehicle without charge within a reasonable amount of time.

Your continued satisfaction with your Subaru is important to us. Please understand that we have taken this action in the interest of your safety and your vehicle's proper operation. We sincerely apologize for any inconvenience this matter may cause and urge you to schedule an appointment as soon as possible to have this repair performed.

Sincerely,
Subaru of America, Inc.

Notice to Lessors: *Under Federal law the lessor of a vehicle who receives this letter must provide a copy of it to the vehicle lessee(s) within 10 business days from receipt. The lessor must also keep a record of the lessee(s) to whom this letter is sent, the date sent, and the applicable vehicle identification number (VIN). (For the purposes of this section, a lessor means a person or entity that in the last twelve months prior to the date of this notification has been the owner, as referenced on the vehicle's title, of any five or more leased vehicles. A leased vehicle is a vehicle leased to another person for a term of at least four months.)*

A subsidiary of Fuji Heavy Industries Ltd.

SHIPPING DOCUMENTATION AND INSTRUCTIONS (Appendix A)

CAMPAIGN WQL48 – 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 **Alaska, Canada, Hawaii, and Puerto Rico *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

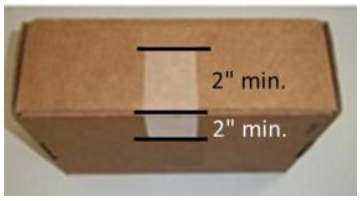
2. Packing Instructions

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, with a completed SOA warranty parts tag (MSA5W402A) attached to it. The tag must contain the following information: Claim No, Repair Date, 17-digit VIN, and Mileage

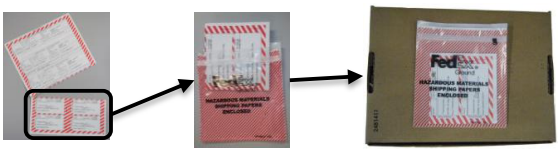
3. Closure Instructions

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

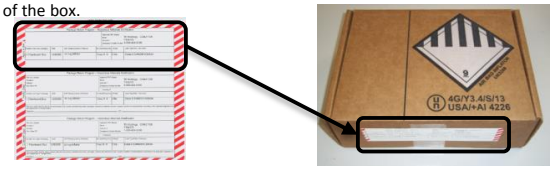


4. Shipping Documentation Instructions

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.

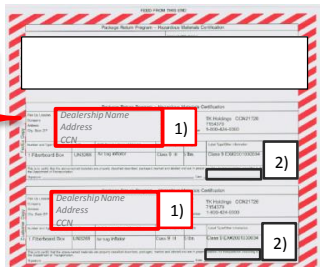


5. Shipping Documentation Instructions (Cont.)

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

- Shipper Name (dealer)
- Address
- CCN (The CCN # can be found in the enclosed Subaru dealer list. If you are unable to locate your CCN, please contact Cheryl Malloy at Takata: **Cheryl.Malloy@Takata.com or TEL # 843-537-8284**)

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



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.

Continued...

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

ATTENTION SOA DEALERS →

IMPORTANT: All removed air bag inflators must be returned directly to Takata USA as described in this shipment document and in the recall bulletin.

Upon claim approval, Subaru of America, Inc. will generate a parts return notice to you, requesting the following information:

- The FedEx Shipper Receipt #
- The OLD and NEW air bag inflator serial numbers

To ensure proper claim credit, the above information must be recorded on the Part Return Notice and sent to SOA Part Collection Center as instructed on the Return Notice.

The instructions on the Return Notice will read as follows:

IMPORTANT: Part should be returned to Takata as instructed in Recall Bulletin. Note the FedEx Shipper #, the OLD and NEW serial number on this form and return to the address below.

Under no circumstances should the air bag inflator be returned to Subaru of America, Inc.

Continued...

CCN LIST (Appendix B)

If you are unable to locate your CCN, please contact Cheryl Malloy at Takata: Cheryl.Malloy@Takata.com or TEL # 843-537-8284

Subaru Dealer code	CCN
010101	**708201**
010108	**708240**
010126	**708228**
010132	**708241**
010141	**708189**
010143	**708215**
010145	**708229**
010147	**708230**
010150	**708216**
010153	**708190**
010157	**708242**
010166	**708202**
010168	**708217**
010172	**708203**
010182	**708191**
010185	**708243**
010187	**708244**
010191	**708204**
010194	**708231**
010199	**708218**
010201	**708232**
010205	**708233**
010209	**708234**
010212	**708192**
010217	**708219**
010220	**708245**
010225	**708205**
010231	**708220**
010232	**708206**
010237	**708235**
010241	**708221**
010243	**708222**
010246	**708207**
010255	**708246**
010261	**708247**
010266	**708193**
010270	**708208**
010287	**708209**
010296	**708248**
010335	**708210**
010350	**708194**
010351	**708195**
010355	**708211**
010356	**708249**
010357	**708236**
010358	**708237**
010359	**708223**
010371	**708224**
010372	**708212**
010373	**708196**
010377	**708225**
010378	**708213**
010379	**708197**
010383	**708198**
010384	**708214**
010385	**708238**
010386	**708239**
010387	**708226**
010388	**708199**
010389	**708250**
010390	**708200**
010391	**708251**
010392	**708227**
020125	**708296**
020128	**708306**
020131	**708285**

Subaru Dealer code	CCN
020138	**708274**
020143	**708297**
020144	**708275**
020145	**708252**
020148	**708276**
020151	**708307**
020155	**708277**
020161	**708298**
020162	**708286**
020163	**708253**
020165	**708287**
020166	**708308**
020167	**708288**
020171	**708278**
020175	**708309**
020182	**708254**
020183	**708255**
020184	**708263**
020186	**708256**
020187	**708289**
020190	**708264**
020194	**708257**
020196	**708290**
020197	**708310**
020198	**708311**
020199	**708258**
020200	**708291**
020204	**708292**
020205	**708279**
020206	**708312**
020207	**708265**
020208	**708266**
020209	**708267**
020211	**708293**
020215	**708259**
020216	**708299**
020218	**708268**
020219	**708269**
020220	**708270**
020222	**708271**
020223	**708260**
020224	**708280**
020225	**708300**
020227	**708301**
020229	**708302**
020230	**708294**
020236	**708295**
020244	**708303**
020249	**708304**
020250	**708281**
020255	**708282**
020256	**708283**
020259	**708261**
020264	**708313**
020273	**708272**
020279	**708314**
020283	**708315**
020284	**708305**
020286	**708273**
020287	**708284**
020289	**708262**
020290	**708316**
030102	**708331**
030112	**708356**
030114	**708345**
030118	**708317**

Subaru Dealer code	CCN
030121	**708346**
030129	**708332**
030130	**708366**
030131	**708318**
030132	**708333**
030133	**708319**
030134	**708334**
030135	**708335**
030136	**708367**
030139	**708336**
030141	**708347**
030142	**708320**
030143	**708321**
030144	**708322**
030145	**708368**
030149	**708357**
030150	**708358**
030151	**708359**
030158	**708348**
030161	**708360**
030162	**708337**
030164	**708369**
030168	**708370**
030169	**708371**
030170	**708323**
030172	**708324**
030180	**708372**
030181	**708325**
030182	**708373**
030186	**708338**
030197	**708412**
030201	**708339**
030207	**708374**
030210	**708388**
030212	**708375**
030214	**708376**
030219	**708326**
030220	**708327**
030225	**708340**
030226	**708349**
030230	**708361**
030232	**708362**
030235	**708341**
030237	**708363**
030242	**708413**
030247	**708377**
030249	**708389**
030258	**708414**
030260	**708378**
030263	**708390**
030268	**708379**
030277	**708415**
030281	**708391**
030290	**708416**
030291	**708328**
030292	**708350**
030294	**708364**
030295	**708380**
030296	**708351**
030301	**708352**
030302	**708342**
030306	**708353**
030310	**708329**
030311	**708381**
030313	**708382**
030314	**708330**

Subaru Dealer code	CCN
030315	**708392**
030356	**708383**
030378	**708393**
030415	**708394**
030481	**708384**
030560	**708395**
030618	**708417**
030619	**708396**
030648	**708385**
030660	**708418**
030661	**708419**
030672	**708420**
030674	**708386**
030675	**708399**
040100	**708400**
040103	**708446**
040123	**708447**
040132	**708401**
040135	**708402**
040171	**708433**
040198	**708423**
040209	**708403**
040221	**708448**
040229	**708434**
040232	**708404**
040238	**708472**
040261	**708459**
040272	**708405**
040294	**708460**
040301	**708435**
040339	**708424**
040346	**708496**
040357	**708449**
040384	**708473**
040398	**708474**
040399	**708436**
040403	**708450**
040404	**708421**
040427	**708437**
040428	**708475**
040438	**708451**
040446	**708476**
040451	**708406**
040458	**708452**
040459	**708461**
040475	**708477**
040477	**708407**
040483	**708462**
040486	**708453**
040491	**708438**
040503	**708425**
040533	**708463**
040535	**708426**
040554	**708454**
040561	**708464**
040565	**708455**
040566	**708627**
040573	**708408**
040574	**708465**
040576	**708439**
040577	**708497**
040578	**708409**
040582	**708628**
040585	**708427**
040586	**708639**
040587	**708486**

Subaru Dealer code	CCN
040588	**708456**
040589	**708498**
040599	**708466**
040602	**708629**
040605	**708487**
040617	**708499**
040621	**708640**
040622	**708630**
040623	**708410**
040624	**708467**
040632	**708631**
040634	**708500**
040635	**708488**
040641	**708478**
040643	**708632**
040644	**708489**
040647	**708501**
040650	**708428**
040654	**708440**
040657	**708429**
040658	**708411**
040659	**708441**
040669	**708479**
040673	**708490**
040682	**708605**
040690	**708606**
040698	**708633**
040721	**708442**
040724	**708491**
040725	**708634**
040730	**708502**
040731	**708503**
040733	**708641**
040736	**708651**
040738	**708652**
040739	**708635**
040741	**708653**
040743	**708654**
040750	**708468**
040756	**708469**
040757	**708504**
040833	**708655**
040835	**708656**
040910	**708657**
040917	**708642**
040928	**708658**
040929	**708643**
040950	**708659**
040963	**708644**
040982	**708645**
070100	**708564**
070101	**708507**
070116	**708617**
070117	**708535**
070128	**708607**
070129	**708521**
070136	**708593**
070141	**708608**
070145	**708579**
070151	**708536**
070155	**708618**
070161	**708550**
070173	**708609**
070174	**708594**
070179	**708595**
070203	**708537**

Continued...

If you are unable to locate your CCN, please contact Cheryl Malloy at Takata: Cheryl.Malloy@Takata.com or TEL # 843-537-8284

Subaru Dealer code	CCN
070218	**708522**
070225	**708596**
070233	**708580**
070240	**708538**
070241	**708508**
070243	**708551**
070261	**708581**
070263	**708523**
070283	**708582**
070291	**708565**
070298	**708509**
070347	**708583**
070359	**708524**
070361	**708610**
070362	**708584**
070370	**708552**
070372	**708597**
070378	**708525**
070379	**708553**
070399	**708510**
070416	**708526**
070420	**708554**
070421	**708511**
070425	**708611**
070433	**708619**
070436	**708585**
070438	**708539**
070440	**708540**
070443	**708612**
070449	**708598**
070453	**708512**
070454	**708513**
070456	**708586**
070457	**708566**
070458	**708541**
070459	**708620**
070464	**708621**
070467	**708542**
070469	**708543**
070471	**708514**
070473	**708599**
070475	**708622**
070479	**708600**
070480	**708527**
070481	**708544**
070484	**708545**
070485	**708555**
070486	**708613**
070490	**708528**
070491	**708515**
070492	**708516**
070495	**708601**
070497	**708567**
070502	**708568**
070521	**708556**
070527	**708569**
070528	**708570**
070529	**708557**
070532	**708558**
070534	**708571**
070548	**708572**
070550	**708529**
070551	**708573**
070552	**708559**
070553	**708546**
070554	**708623**
070557	**708560**
070560	**708587**

Subaru Dealer code	CCN
070568	**708530**
070572	**708574**
070573	**708561**
070575	**708602**
070578	**708614**
070579	**708517**
070587	**708588**
070590	**708589**
070593	**708531**
070594	**708562**
070596	**708615**
070598	**708575**
070599	**708576**
070602	**708590**
070751	**708563**
070844	**708532**
070874	**708533**
090179	**708680**
090180	**708662**
090183	**708681**
090185	**708663**
090207	**708682**
090223	**708664**
090342	**708665**
090345	**708666**
090473	**708670**
090491	**708683**
090507	**708684**
090525	**708667**
090528	**708685**
090535	**708686**
090537	**708671**
090542	**708672**
090543	**708673**
090597	**708801**
090651	**708782**
090652	**708773**
090664	**708792**
090667	**708783**
090670	**708793**
090677	**708674**
090681	**708794**
090694	**708795**
090707	**708802**
090747	**708784**
090752	**708687**
090753	**708675**
090754	**708796**
090768	**708797**
090771	**708668**
090772	**708774**
090775	**708803**
090777	**708775**
090782	**708804**
090784	**708776**
090787	**708798**
090794	**708785**
090796	**708786**
090797	**708669**
090798	**708805**
090799	**708660**
090801	**708676**
090802	**708806**
140100	**708712**
140101	**708713**
140111	**708722**
140138	**708765**
140140	**708744**

Subaru Dealer code	CCN
140151	**708745**
140156	**708723**
140162	**708755**
140172	**708733**
140175	**708766**
140189	**708714**
140192	**708701**
140193	**708702**
140203	**708734**
140214	**708715**
140230	**708690**
140240	**708735**
140242	**708716**
140243	**708703**
140245	**708736**
140246	**708724**
140258	**708691**
140265	**708737**
140274	**708738**
140275	**708692**
140276	**708704**
140278	**708705**
140279	**708706**
140377	**708693**
140383	**708694**
140389	**708739**
140408	**708717**
140409	**708695**
140413	**708696**
140486	**708767**
140494	**708756**
140511	**708768**
140514	**708757**
140516	**708769**
140524	**708746**
140529	**708747**
140533	**708697**
140538	**708707**
140548	**708740**
140550	**708748**
140552	**708718**
140555	**708770**
140560	**708758**
140588	**708708**
140593	**708749**
140596	**708725**
140647	**708698**
140659	**708719**
140666	**708699**
140668	**708726**
140671	**708720**
140676	**708741**
140689	**708742**
140697	**708677**
140705	**708727**
140714	**708721**
140717	**708750**
140718	**708751**
140768	**708771**
140769	**708743**
140771	**708709**
140772	**708759**
140773	**708752**
140776	**708760**
140777	**708761**
140779	**708710**
400005	**708624**
400009	**708492**

Subaru Dealer code	CCN
400020	**708807**
400043	**708787**
400048	**708728**
400054	**708577**
400058	**708480**
400059	**708481**
400060	**708636**
400061	**708518**
400063	**708519**
400064	**708762**
400065	**708625**
400069	**708763**
400071	**708482**
400072	**708637**
400099	**708387**
400101	**708483**
400103	**708430**
400105	**708431**
400106	**708788**
400144	**708626**
400145	**708493**
400159	**708777**
400183	**708772**
400201	**708470**
400202	**708646**
400205	**708778**
400210	**708764**
400230	**708799**
400293	**708647**
400310	**708729**
400316	**708779**
400331	**708688**
400332	**708397**
400350	**708678**
400353	**708789**
400370	**708800**
400391	**708730**
400432	**708471**
400453	**708494**
400472	**708780**
400532	**708520**
400552	**708505**
400572	**708790**
400612	**708661**
400712	**708443**
400732	**708444**
400852	**708638**
400960	**708591**
400992	**708753**
401014	**708495**
401032	**708354**
401047	**708648**
401068	**708603**
401120	**708547**
401136	**708711**
401139	**708578**
401146	**708616**
401147	**708604**
401157	**708649**
401158	**708506**
401187	**708484**
401190	**708731**
401191	**708700**
401192	**708457**
401213	**708398**
401214	**708791**
401232	**708548**
401252	**708485**

Subaru Dealer code	CCN
401271	**708650**
401277	**708808**
401278	**708365**
401285	**708754**
401286	**708432**
401289	**708592**
401312	**708534**
401313	**708679**
401346	**708422**
401374	**708445**
401395	**708732**
401396	**708355**
401408	**708549**
401559	**708343**
401560	**708781**
401605	**708344**
401606	**708458**
401607	**708689**