

# IMPORTANT UPDATE

## TECHNICAL INSTRUCTIONS FOR SAFETY RECALL G0P/G0R/H0A FRONT PASSENGER AIRBAG INFLATOR MODULE CERTAIN 2007 – 2012 MY YARIS SEDAN AND 2006 – 2011 MY YARIS HATCHBACK

**Updated 07-17-18**

**Update 07-17-18**

- The Technician Certification Requirements have changed

**Update 04-18-18**

- The parts section has been updated

**Update 01-09-17**

- 2012 MY Yaris Sedan added to TI

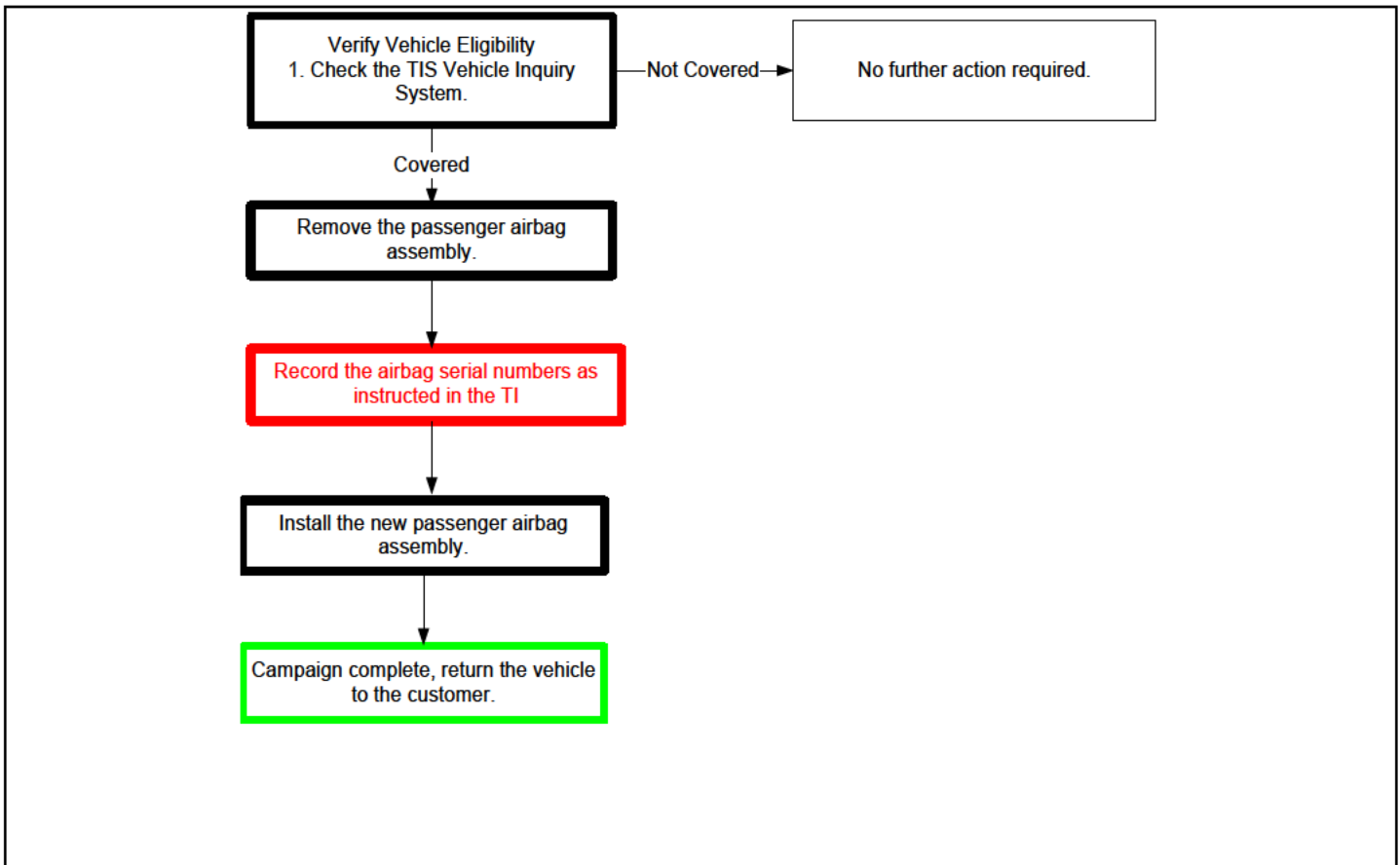
All dealership technicians performing this recall are required to successfully complete the most current version of the E-Learning course “Safety Recall and Service Campaign Essentials”. To ensure that all vehicles have the repair performed correctly; technicians performing this recall repair are required to have successfully completed E-Learning course SC18A (if you had previously completed E-Learning Course SC13B, you do not have to take SC18A), in addition to “Safety Recall and Service Campaign Essentials”, and currently hold at least one of the following certifications levels:

- Toyota Certified (Electrical)
- Toyota Expert (Any Specialty)
- Master
- Master Diagnostic Technicians

Always check which technicians can perform the recall remedy by logging on to <https://www.uotdealerreports.com>. It is the dealership’s responsibility to select technicians with the above certification level or greater to perform this repair. Carefully review your resources, the technician skill level, and ability before assigning technicians to this repair. It is important to consider technician days off and vacation schedules to ensure there are properly trained technicians available to perform this repair at all times.

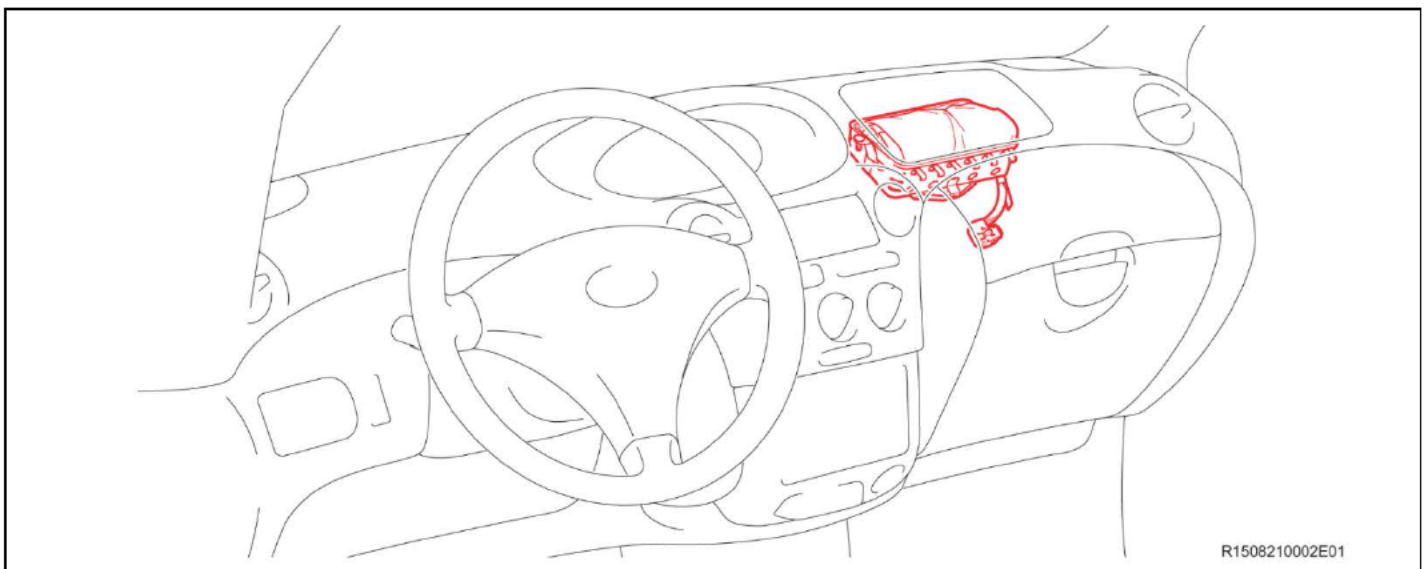
## I. OPERATION FLOW CHART

The flow chart is for reference only. **DO NOT** use it in place of the full technical instructions. Follow **ALL** steps as outlined in the full technical instructions to confirm the campaign is completed correctly.



## II. BACKGROUND

The subject vehicles are equipped with front passenger airbag inflators produced by Takata. According to Takata, the propellant in these inflators may degrade after prolonged exposure to high absolute humidity and fluctuating high temperatures. Degraded propellant can cause inflator rupture during airbag deployment. In the event of an inflator rupture, metal fragments could pass through the airbag cushion material, striking the vehicle occupants, and result in serious injury or death.



### III. IDENTIFICATION OF AFFECTED VEHICLES

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Safety Recall, and that the campaign has not already been completed prior to dealer shipment or by another dealer.
- **TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not affected or were completed by another dealer.**

### IV. PREPARATION

#### A. PARTS

Model	Part Number	Part Description	Quantity
Yaris Hatchback	04005-23752	Instrument Panel Airbag Module	1
	04005-28352	Wire Harness	1
	Local source	Tie-wrap	2

Model	Part Number	Part Description	Quantity
Yaris Sedan	04006-39252	Instrument Panel Airbag Module	1
	04005-28352	Wire Harness	1
	Local source	Tie-wrap	2


#### A. TOOLS & EQUIPMENT

- Standard hand tools
- Torque wrench
- Techstream
- Molding remover set

**OPTIONAL SST** – This is an essential special service tool that the dealership should have. This tool is not mandatory when performing this repair.

Part Number	Part Name	Quantity
09890-47010-01	Anti-Static Mat Set	1

**G0P CAMPAIGN TOOLS** – These tools were previously provided to the dealership for campaign D0F and will be used for campaign G0P. These tools are required when performing this repair.

Image	Name	Quantity
	Barcode Scanner	1

**NOTE:** These tools **CANNOT** be ordered through the parts or tools system. There is a very limited supply of tools, but if additional tools are needed, contact your regional representative.

#### Non-Desiccated Part Recovery

**Dealers should discontinue the installation of the non-desiccated parts listed below for recall, customer pay repairs AND over-the-counter sales (if applicable).**

Model	Model Year	Part Number	Part Description
Yaris HB	2006-2011	73960-52030	AIR BAG ASSY, INSTR PNL PASS L/DOOR
Yaris Sedan	2007-2012	73960-52080	

**Toyota requires all dealers to return any parts listed above that still remain in dealer inventory by utilizing the Hazmat Part Return Program available. Dealers will be issued a refund for all part returns. This part return program is outlined in *PANT Bulletin 2014-042*.**

#### Important Note:

In order to return the inflator, packages must **NOT** be opened/tampered with.

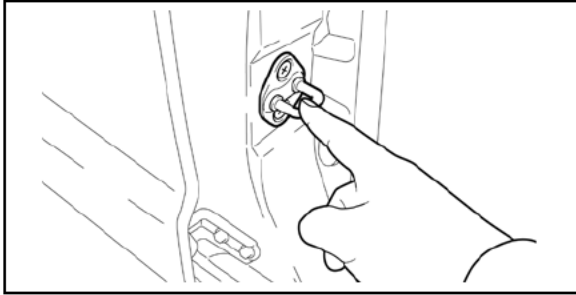
## V. SAFETY PRECAUTIONS



### CRITICAL INFORMATION – READ THOROUGHLY

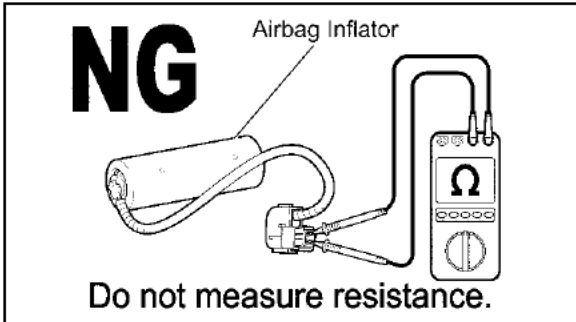


Failure to follow these procedures correctly could cause the SRS to unexpectedly deploy during servicing or the SRS may fail to operate correctly when required after reassembly. Confirm all work is performed as described in these instructions.



#### 1. ELIMINATE STATIC ELECTRICITY

- a) Before starting work and periodically while working on the vehicle, touch a metallic part of the vehicle to discharge static electricity in the body.



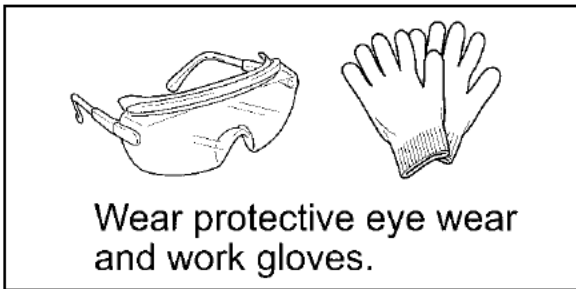
#### 2. DO NOT MEASURE RESISTANCE

- a) **DO NOT** measure resistance of airbag components, this may cause accidental activation.



#### 3. HANDLE THE AIRBAG CAREFULLY

- a) If an inflator is dropped, replace it with a **NEW** inflator.



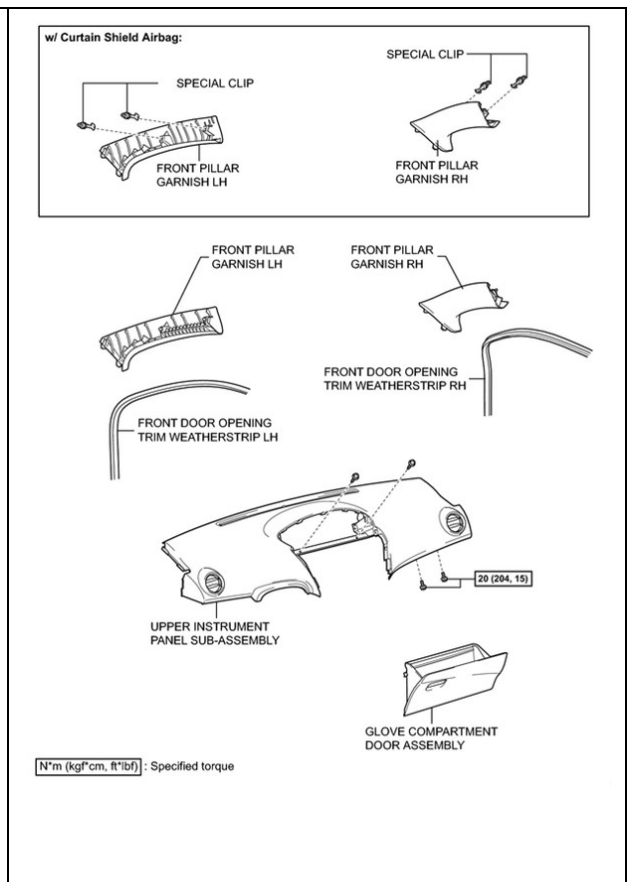
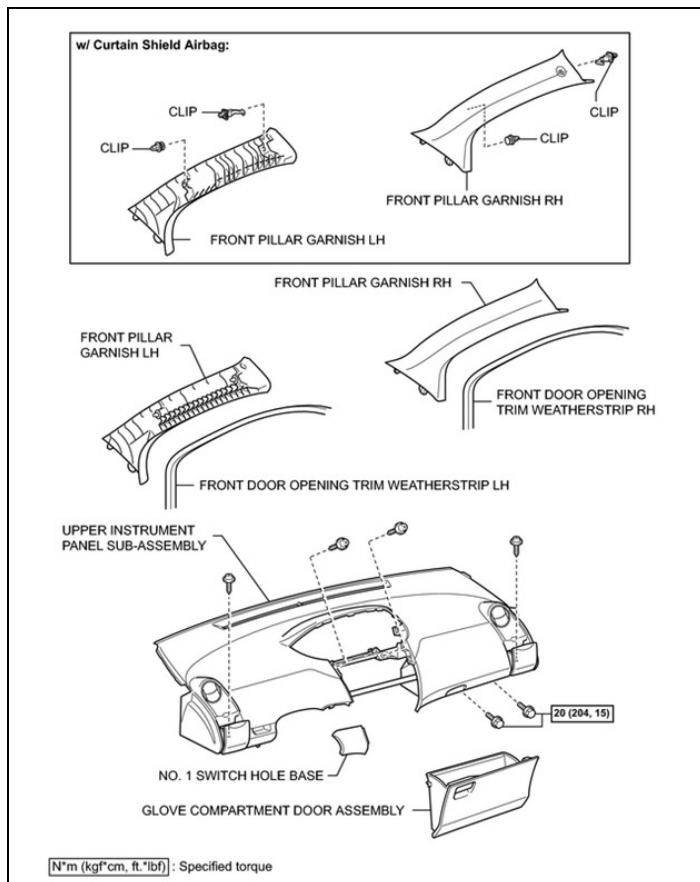
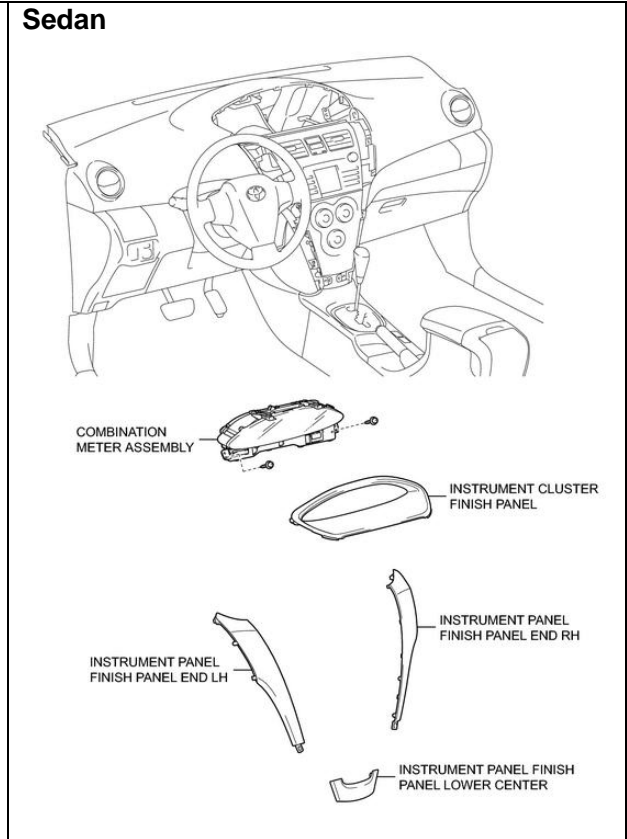
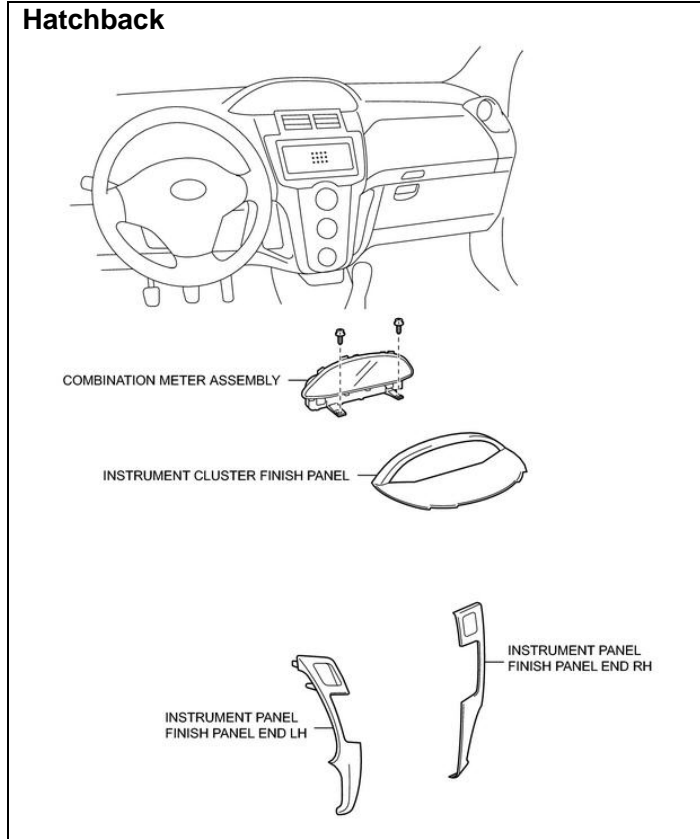
#### 4. WEAR PROTECTIVE EQUIPMENT

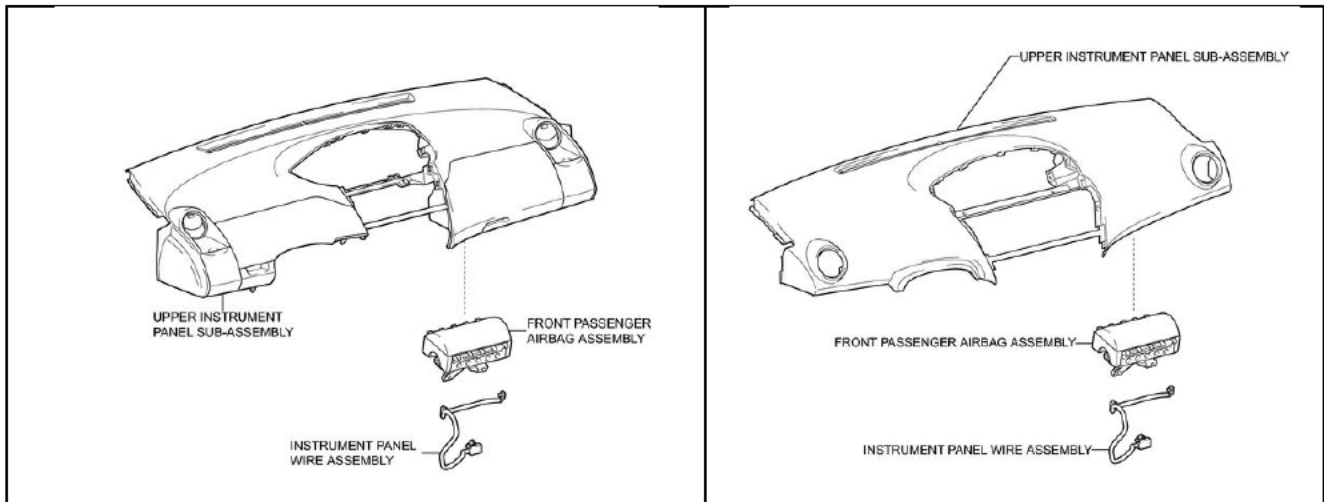
- a) Always wear appropriate protective equipment when working on the SRS.



# VII. PASSENGER AIRBAG MODULE REPLACEMENT

## COMPONENTS





## 1. REMOVE THE AIRBAG MODULE

a) Refer to TIS for instructions on airbag removal:

Sedan     [2007MY](#)   [2008MY](#)   [2009MY](#)   [2010MY](#)   [2011MY](#)   [2012MY](#)

Hatchback   [2006MY](#)   [2007MY](#)   [2008MY](#)   [2009MY](#)   [2010MY](#)   [2011MY](#)



- Wait at least 90 seconds after disconnecting the cable from the negative battery terminal to prevent airbag and seat belt pre-tensioner deployment.
- Follow all precautions as outlined on TIS before servicing the SRS system.

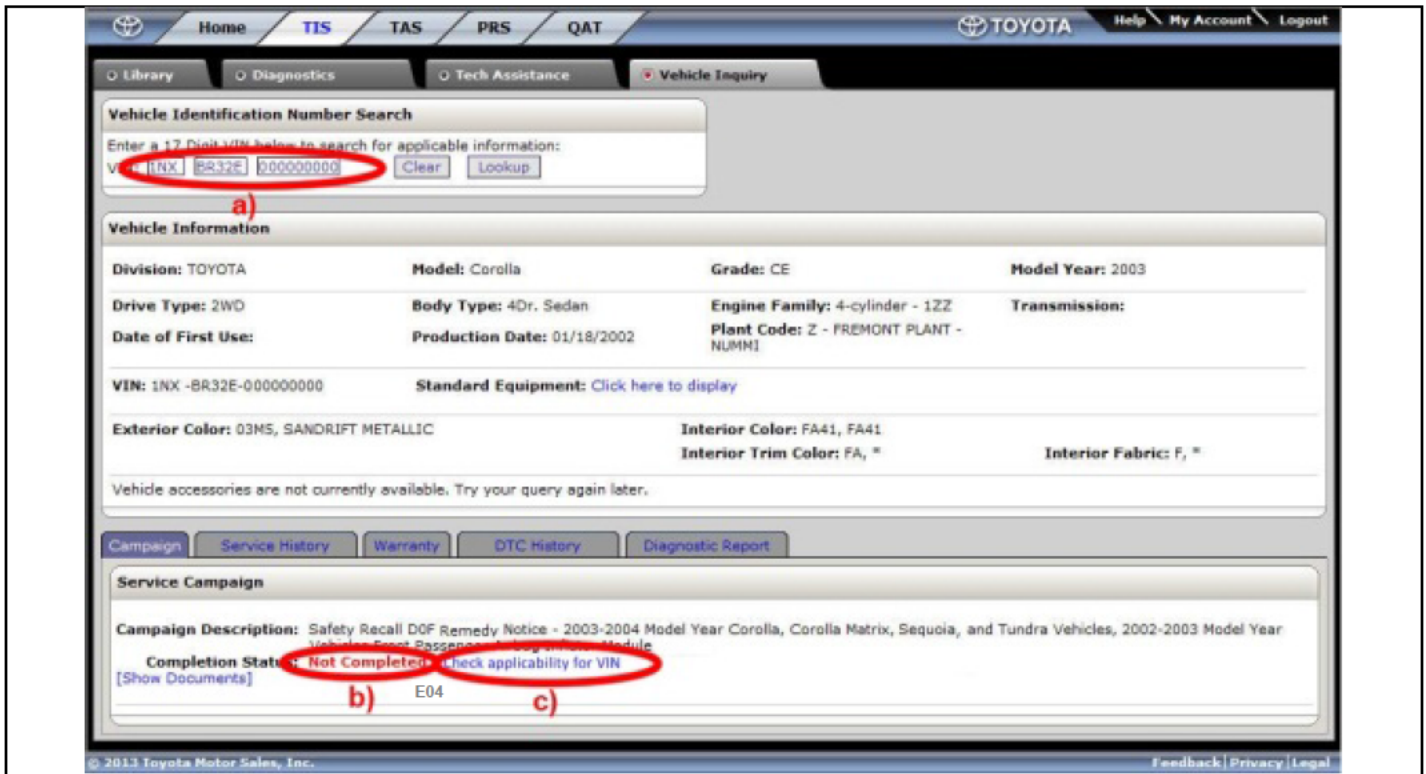
## 2. LAUNCH THE SERIAL NUMBER RECORDING APPLICATION



- The AIRBAG MODULE serial number MUST be recorded using the barcode scanner (provided at the launch of SSC D0F).
- The barcode scanner application MUST be completed on every vehicle. These numbers MUST be included on every warranty claim that is submitted for module replacement or the claim may be subject to debit.
- The technician performing the work MUST have valid TIS login credentials and an internet connection to perform the inspection and scanning process.

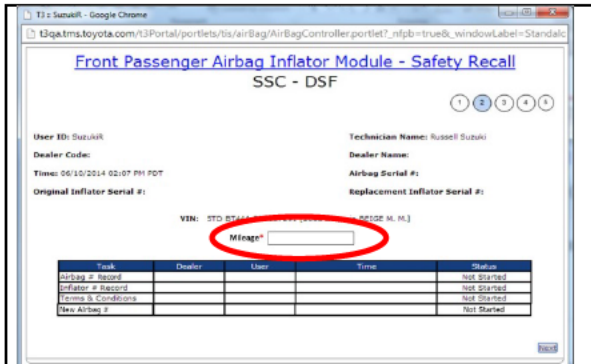
- Log in to TIS and input the VIN of the vehicle in the Vehicle Inquiry tab.
- Confirm the VIN is applicable and that the campaign has not been completed.
- Click on the link to launch the serial number recording application.

**Note: The Serial Number Recording Application is the same as the DSF/E04 application, so the screens will still indicate campaign DSF or E04.**



d) Reenter TIS password in the serial number recorder application.

**NOTE:** The person logged-in to TIS **MUST** be the person performing the repair.



e) Record the vehicle mileage into the serial number recording application.

**NOTE:**

- If this screen indicates that the module has already been replaced on this VIN, there is no need to perform the campaign again.

### 3. CONNECT THE BARCODE SCANNER

- Connect the barcode scanner to the USB port on the Techstream.
- The scanner will automatically connect and a beep will be heard when the scanner is ready.

**NOTE:**

- The scanner was provided for SSC D0F.
- The scanner works best in low light conditions.
- Always hold the scanner directly in front of and parallel to the barcode label.



#### 4. SCAN THE AIRBAG SERIAL NUMBER

## ATTENTION: This information is **CRITICAL**

- a) Scan the **AIRBAG ASSEMBLY** serial number 2 times.
  - 1) Confirm the cursor is in the first serial number box then scan the serial.
  - 2) Position the cursor in the second serial number box then scan the serial.
- b) Click next.

**NOTE:**

- If both serial numbers that are entered do not match, confirm and reenter.
- If the serial number barcode will not scan, it can be entered manually.

#### AIRBAG SERIAL NUMBER IDENTIFICATION

- The airbag serial number is **ALWAYS** the **12 DIGITS** located between the asterisks.
- The 3 digits before the asterisk **ARE NOT** part of the serial number, and **SHOULD NOT** be entered or an inaccurate response may be returned.

#### Airbag Serial Number Label Example



**STOP**

The **AIRBAG** serial number **MUST** be recorded prior to replacement.

Google Chrome

t3qa.tms.toyota.com/t3Portal/portlets/tis/airBag/AirBagController.portlet?...\_windowLabel=StandalonePortlet&StandalonePortlet\_actionOverride=%2Fportlets%2Ftis%2F

### Front Passenger Airbag Inflator Module - Safety Recall

SSC - E04

1 2 3 4 5

User ID: \_\_\_\_\_ Technician Name: \_\_\_\_\_  
Dealer Code: \_\_\_\_\_ Dealer Name: \_\_\_\_\_

Time: 03/30/2015 05:15 AM PDT VIN: 1NX BR32E 14: [REDACTED] [2004 Corolla SUPER WHITE]

Original Airbag Module - 12 Digits  
Between the asterisk (\*) symbols

Record Airbag Serial Number

How to Identify an Airbag module Assembly number?

The Airbag module Assembly serial number is a **12 digit code**. It can be found along with a bar code on opening the Airbag assembly unit. To manually enter these details into the application, the technician has to identify the 12 digit code between two Asterisks (\*) inside the Airbag assembly unit. The first seven characters of this 12 digit code are numbers and the 10<sup>th</sup> digit is either 'K' or 'L' always.

Use of a barcode scanner is strongly recommended when entering Airbag Assembly Serial Number.

If manually typing serial number, you **MUST** include all leading zeros. (If applicable)

\* Airbag Assembly Serial Number:   
\* Reconfirm Airbag Assembly Serial Number:

If original Airbag Assembly serial number is not visible or missing, check this box

Clear Next

(\*) - Indicates Required Field(s)

- c) Check the box as shown below this will allow the scanning system to move to the next screen.
- d) Click submit.

T3 - Google Chrome  
t3qa.tms.toyota.com/t3Portal/portlets/tis/airBag/AirBagController.portlet?...nfpb=true&\_windowLabel=StandalonePortlet&StandalonePortlet\_actionOverride=%2Fportlets%2Ftis%2F

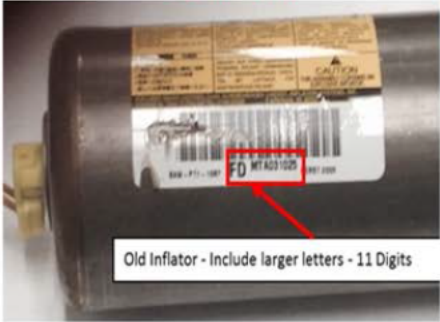
### Front Passenger Airbag Inflator Module - Safety Recall

#### SSC - E04

User ID: \_\_\_\_\_  
Dealer Code: \_\_\_\_\_  
Time: 03/30/2015 05:17 AM PDT  
VIN: 1NX BR32E 14Z [REDACTED] 004 Corolla SUPER WHITE


Technician Name: \_\_\_\_\_  
Dealer Name: \_\_\_\_\_  
Airbag Serial #: \*\*\*\*\*12

**Original Inflator**



Old Inflator - Include larger letters - 11 Digits

**Replacement Inflator**



Replacement Inflator - Include larger letters - 11 Digits

How to Identify the Inflator serial code on the Original and Replacement Inflator can?  
The Inflator serial code is an 11 digit code on the Inflator can. It can be found with a bar code on removing the Inflator can from the Airbag Assembly unit.  
The first two characters of the Original Inflator Serial code will be from [AA, AB, AJ, FD or JD].  
The first two characters of the Replacement Inflator Serial code will be either 'LT' or 'LR'.

Inflator Module replacement IS REQUIRED on all vehicles under the Safety Recall. Follow the technical instructions and acknowledge the following statements.  
**If manually typing serial number, you MUST include all leading zeros. (If applicable)**  
Original Inflator Serial #: \_\_\_\_\_  
If old inflator serial number is not visible or missing, check this box   
\* Replacement Inflator Serial #: \_\_\_\_\_  
If you have a concern with the inflator serial numbers, please email [quality\\_compliance@toyota.com](mailto:quality_compliance@toyota.com) with details.

\* I agree to complete the safety recall's remaining technical instructions.  
 \* I agree to perform a vehicle Health Check with Techstream upon completion of the safety recall's technical instructions.

(\*) - Indicates Required Field(s)

Back Clear Submit

**Checking this box will allow you to scan the replacement airbag on the next screen.**

**NOTE: The NEW AIRBAG serial number MUST be scanned prior to reinstallation to track the airbag to the vehicle (refer to page 11).**



## AIRBAG SERIAL NUMBER IS MISSING OR IS UNREADABLE



If the airbag serial number and barcode are not legible or are not present, check the box in the application indicating the serial number is not legible.

a) If the airbag serial number cannot be scanned or is not present check the box as shown below.

Front Passenger Airbag Inflator Module - Safety Recall  
SSC - E04

1 2 3 4 5

User ID: \_\_\_\_\_ Technician Name: \_\_\_\_\_  
Dealer Code: \_\_\_\_\_ Dealer Name: \_\_\_\_\_  
Time: 03/30/2015 05:15 AM PDT VIN: 1NX BR32E 14[REDACTED] [2004 Corolla SUPER WHITE]

Original Airbag Module - 12 Digits  
Between the asterisk (\*) symbols

Record Airbag Serial Number

Use of a barcode scanner is strongly recommended when entering Airbag Assembly Serial Number.  
If manually typing serial number, you MUST include all leading zeros. (If applicable)

\* Airbag Assembly Serial Number:   
\* Reconfirm Airbag Assembly Serial Number:

If original Airbag Assembly serial number is not visible or missing, check this box:

(\*) - Indicates Required Field(s)

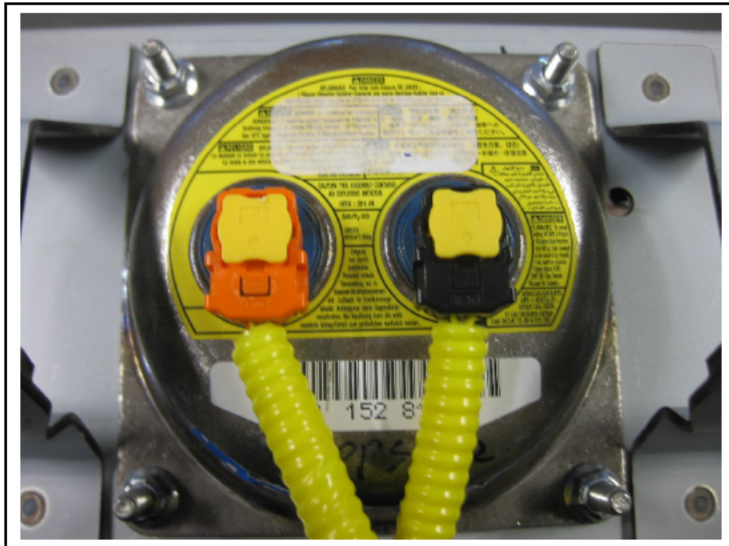
Clear Next

Checking this box requires Air Bag replacement.

b) Go to Page 10 to continue airbag scanning.

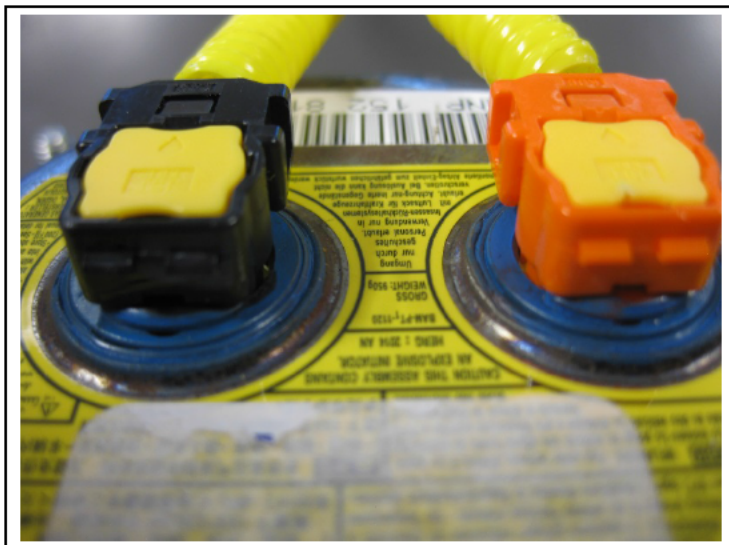
## VIII. FRONT PASSENGER AIRBAG REINSTALLATION

### 1. REINSTALL THE AIRBAG

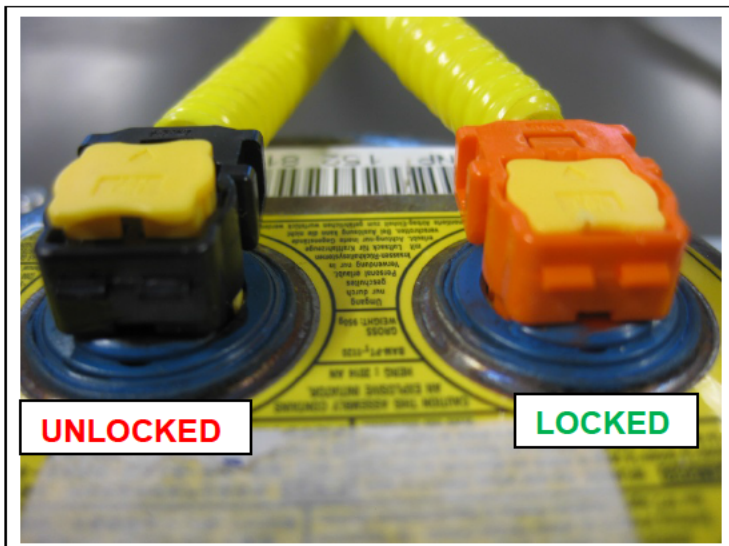


- a) Install the new harness onto the new airbag by plugging in the two connectors.

**NOTE:** Match the color of the harness connector to that of the airbag. Ensure that the connectors are fully seated.



- b) Engage the secondary locks.



**NOTE:** Ensure the secondary locks are fully engaged.

c) Refer to TIS for instructions on airbag installation:

Sedan	<a href="#">2007MY</a>	<a href="#">2008MY</a>	<a href="#">2009MY</a>	<a href="#">2010MY</a>	<a href="#">2011MY</a>	<a href="#">2012MY</a>
Hatchback	<a href="#">2006MY</a>	<a href="#">2007MY</a>	<a href="#">2008MY</a>	<a href="#">2009MY</a>	<a href="#">2010MY</a>	<a href="#">2011MY</a>

After the upper instrument panel has been installed secure the new airbag adaptor harness as shown.



Secure the adaptor harness to the dash harness.

Also secure the adaptor harness to the dash bracket.

**NOTE:** The upper instrument panel has been removed for clarity. Both areas can be accessed through the opening for the glove box door and/or the opening for the combination meter.

Check that the adaptor harness has the proper clearances and is not strained.

## 2. RECONNECT THE NEGATIVE BATTERY CABLE

- Reconnect the negative battery cable.
- Perform any needed system initializations.

## 3. PERFORM A HEALTH CHECK AND DIAGNOSTIC REPORT

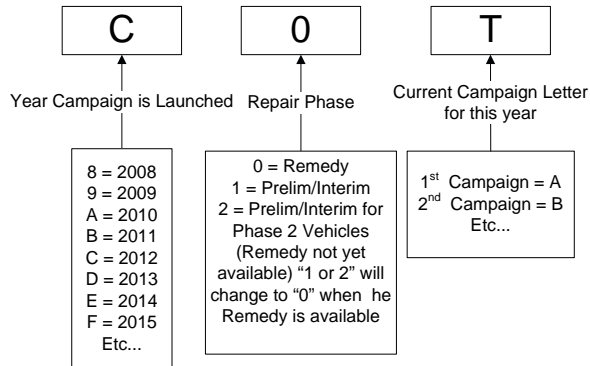
### ◀ VERIFY REPAIR QUALITY ▶

- Confirm all precautions are followed to ensure safety during the repair
- Confirm the entire serial number checker application is completed and the warranty authorization # is recorded on **EVERY** vehicle
- Confirm the old module is handled safely and given to the appropriate parts professional for shipment
- Confirm the airbag harness connector is fully engaged.

If you have any questions regarding this update, please contact your regional representative.

## IX APPENDIX

### A. CAMPAIGN DESIGNATION DECODER



### B. CAMPAIGN PARTS DISPOSAL

**ALL** inflators that are removed from vehicles under this campaign **MUST** be packaged and shipped back to the inflator manufacturer following the manufacturer's instructions. The instructions can be found in the following locations:

- Attached to the dealer letter
- Included in the parts box
- On the laminated aid that was provided at the launch of the campaign