

**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 01-12-17**

**Update 01-09-17**

- **2012 MY Yaris Sedan added to TI**

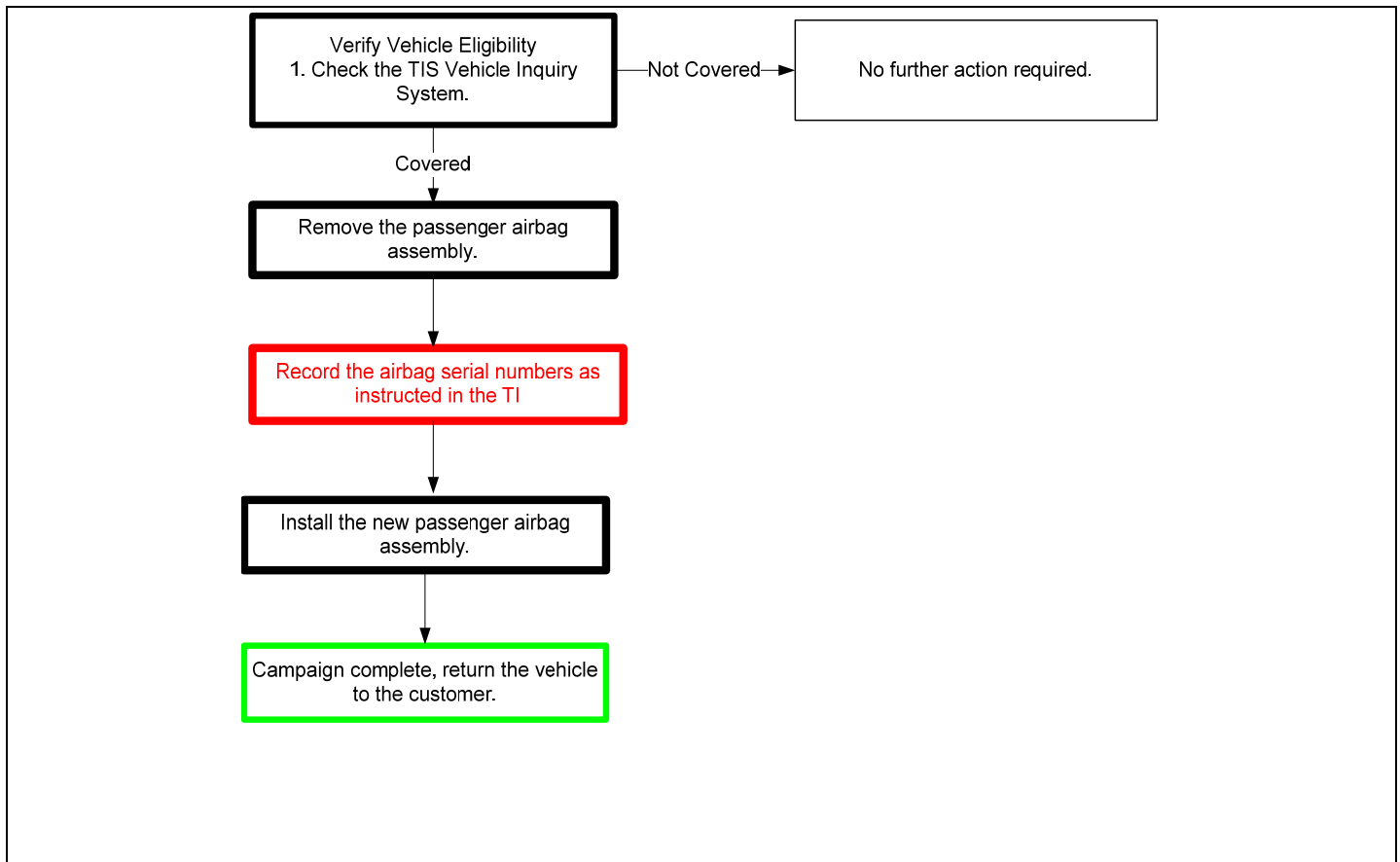
The repair quality of covered vehicles is extremely important to Toyota. All dealership technicians performing this repair are required to successfully complete the most current version of the E-Learning course “Safety Recall and Service Campaign Essentials”. To ensure that all vehicles have the repair performed correctly; technicians performing this repair are required to currently hold at least one of the following certification levels:

- Toyota Expert (Electrical)
- 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.

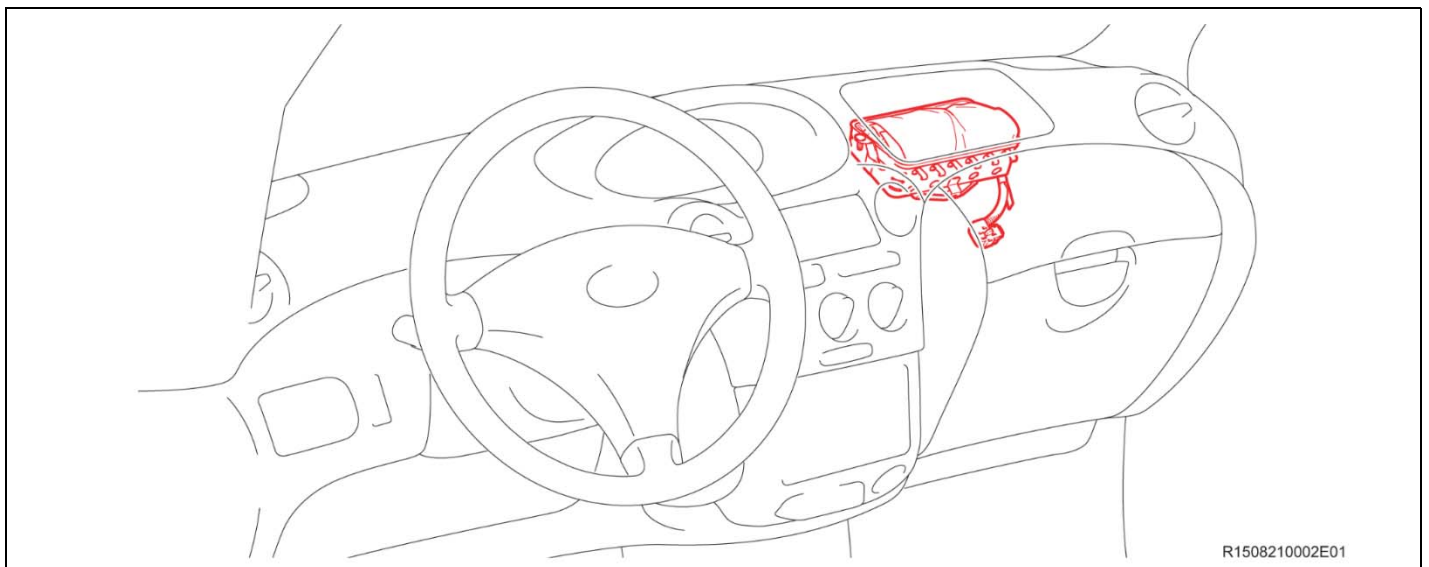
## I. OPERATION FLOW CHART

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

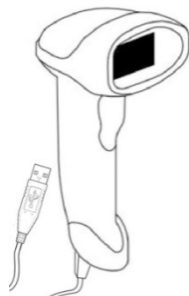
#### A. TOOLS & EQUIPMENT

- 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.

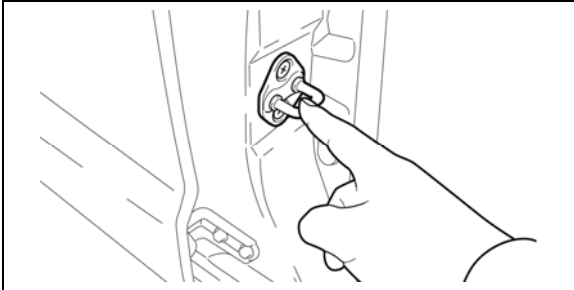
## V. SAFETY PRECAUTIONS



### CRITICAL INFORMATION – READ THOROUGHLY

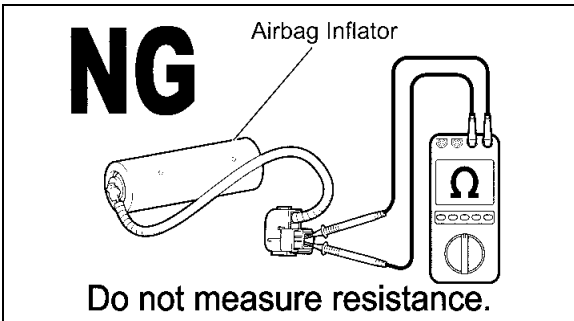


Failure to follow these procedures correctly could cause the SRS to unexpectedly deploy during servicing or the SRS may fail to operate correctly when required after reassembly. Confirm all work is performed as described in these instructions.



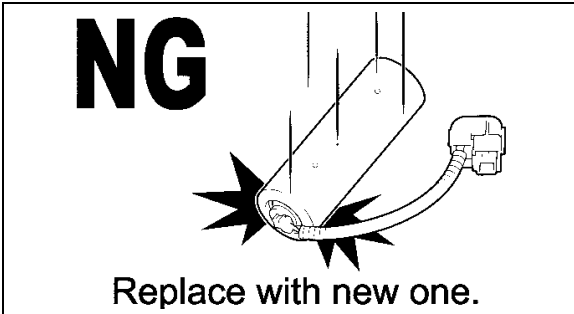
#### 1. ELIMINATE STATIC ELECTRICITY

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



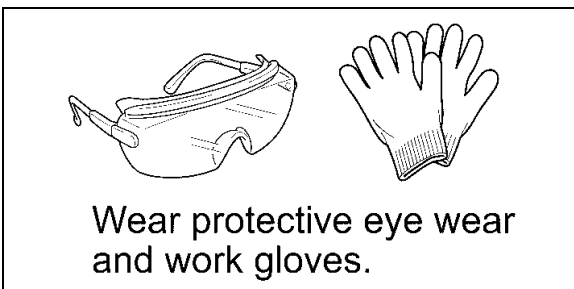
#### 2. DO NOT MEASURE RESISTANCE

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



#### 3. HANDLE THE AIRBAG CAREFULLY

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



#### 4. WEAR PROTECTIVE EQUIPMENT

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

## VI. SRS SYSTEM HEALTH CHECK

### 1. PERFORM A HEALTH CHECK

- Confirm the Techstream is connected to the dealership's internet.
- When launching the Techstream software the VIN may need to be entered manually.

**NOTE: All letters of the VIN *MUST* be entered in ALL CAPS, or the VIN will need to be reentered when running the diagnostic report.**

- Perform a health check.

**Note: The VIN may auto populate on the later model year vehicles, if this happens DO NOT change the VIN.**

### 2. RUN A DIAGNOSTIC REPORT

- After the health check has completed, run a diagnostic report by clicking on the link on the health check screen.

**NOTE: If the VIN was not entered in ALL CAPS when Techstream was launched, an error will be displayed and there will be a prompt to reenter the VIN**



- Enter the vehicle mileage and repair order information, then click the 'report' button.

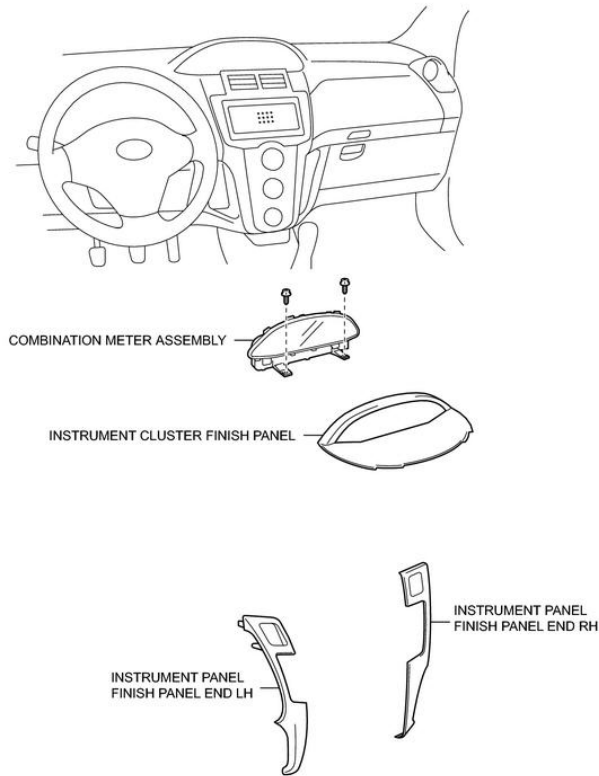


- The VIN **MAY NEED** to be entered manually in ALL CAPS when launching the Techstream software. The VIN **MAY NOT** auto-populate on vehicles prior to the 2006 MY.
- A health check and diagnostic report with VIN **MUST** be performed within the last 36 hours and recorded by TMS. If the diagnostic report is not run, the healthcheck will not be recognized by TMS.
- The serial number recording application will be disabled and the repair cannot be completed if a health check and diagnostic report is not performed and recorded by TMS.
- This campaign only covers the replacement of the passenger airbag module. NO other SRS components are covered under this campaign.

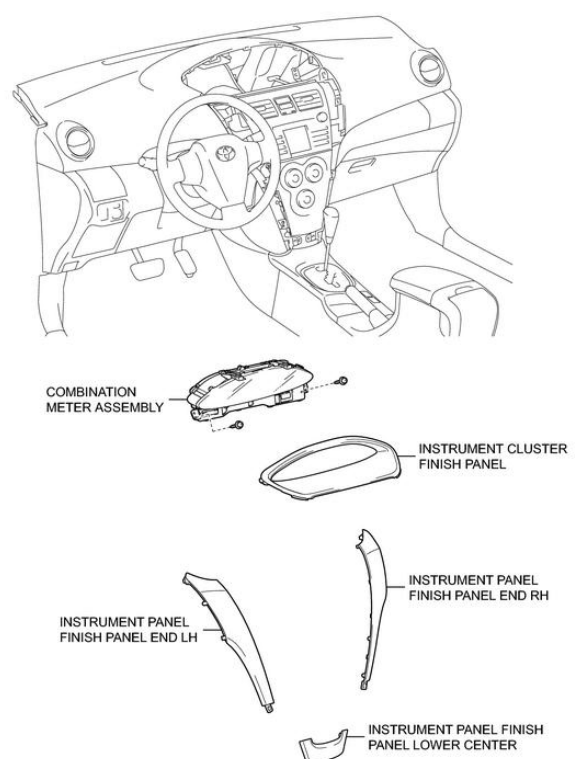
## VII. PASSENGER AIRBAG MODULE REPLACEMENT

### COMPONENTS

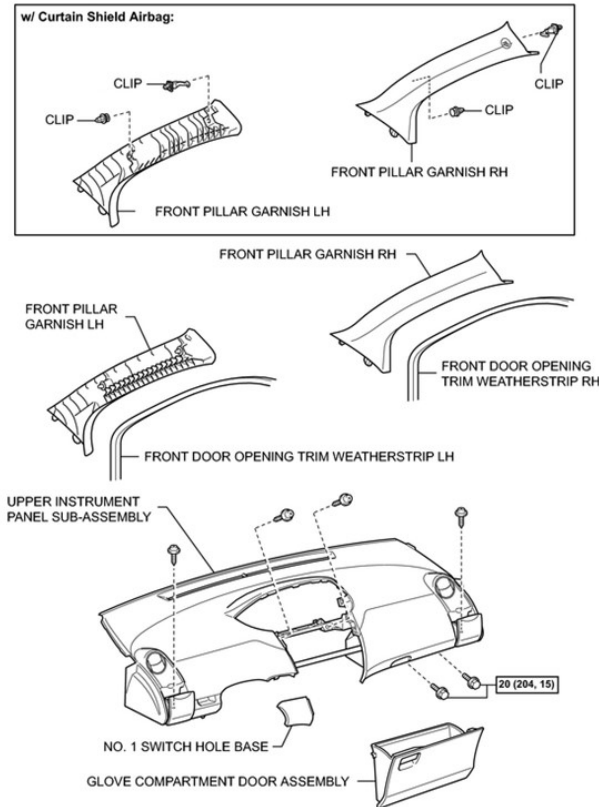
#### Hatchback



#### Sedan

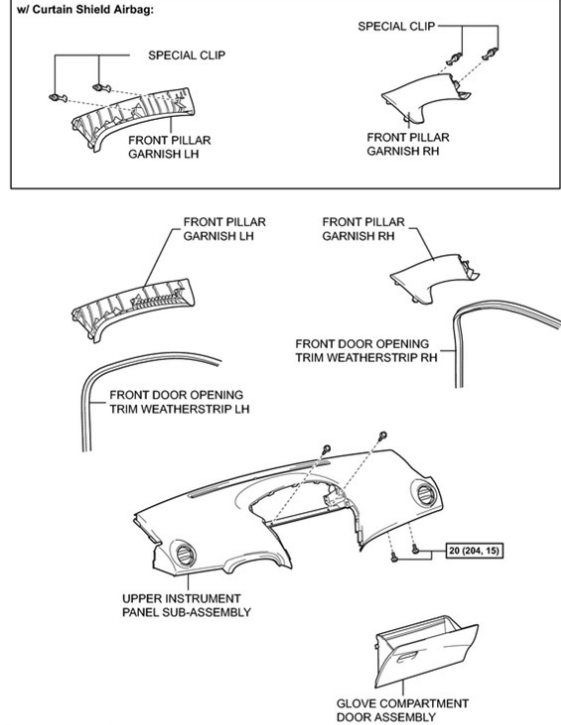


w/ Curtain Shield Airbag:

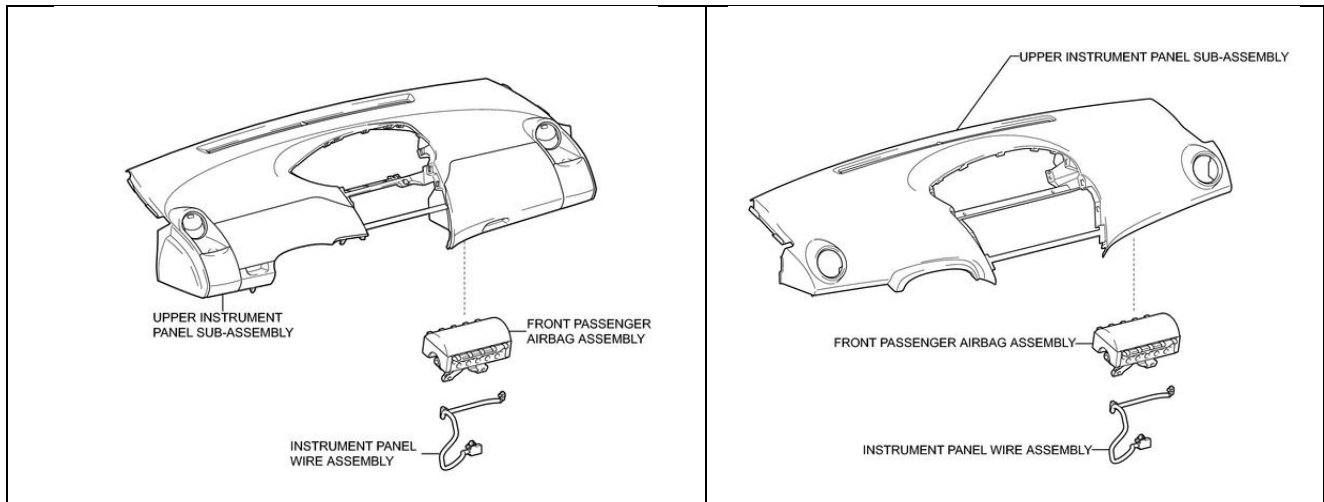


[N\*m (kgf\*cm, ft.lbf)] : Specified torque

w/ Curtain Shield Airbag:



[N\*m (kgf\*cm, ft.lbf)] : Specified torque



## 1. REMOVE THE AIRBAG MODULE

a) Refer to TIS for instructions on airbag removal:

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>



- 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.







#### 4. SCAN THE AIRBAG SERIAL NUMBER

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

- Scan the **AIRBAG ASSEMBLY** serial number 2 times.
  - Confirm the cursor is in the first serial number box then scan the serial.
  - Position the cursor in the second serial number box then scan the serial.
- 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



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

T3: 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

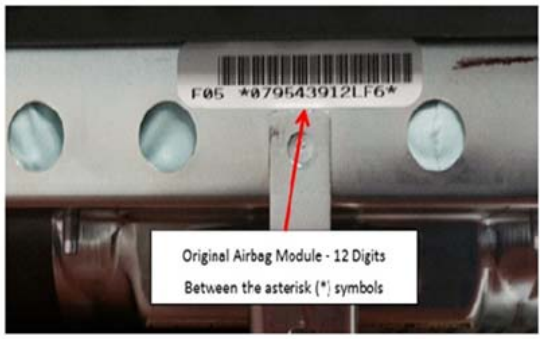
SSC - E04

1 2 3 4 5

User ID: Technician Name:

Dealer Code: Dealer Name:

Time: 03/30/2015 05:15 AM PDT VIN: 1NX BR32E 14Z308698 [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 ☐

(\*) - Indicates Required Field(s)

Clear Next

- 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

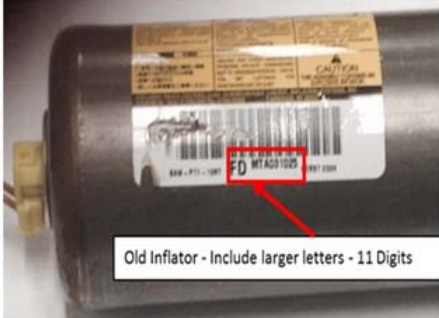
VIN: 1NX BR32E 14Z308698 [2004 Corolla SUPER WHITE]

Technician Name:

Dealer Name:

Airbag Serial #: \*\*\*\*\*12

**Original Inflator**



Old 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'.

**Replacement Inflator**



Replacement Inflator - Include larger letters - 11 Digits

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)

**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).**

e) Scan the NEW airbag barcode in the Serial Number Recording Application.

Front Passenger Airbag Inflator Module - Safety Recall

SSC - E04

User ID: Technician Name:

Dealer Code: Dealer Name:

Time: 03/30/2015 05:15 AM PDT VIN: 1NX BR32E 14Z308698 [2004 Corolla SUPER WHITE]

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.

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)

\*New Airbag Assembly Serial Number:

☐ 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)

Next

f) Verify the statements and click the two boxes.

g) Click next.

Front Passenger Airbag Inflator Module - Safety Recall

SSC - DSF

User ID: SuzukiR Technician Name: Russell Suzuki

Dealer Code: Dealer Name:

Time: 06/10/2014 05:13 PM PDT Airbag Serial #: \*\*\*\*\*G6

Original Inflator Serial #: AAELS110212 Replacement Inflator Serial #: AAELS110213

SuzukiR has agreed to the following terms and conditions on 06/10/2014 05:13 PM PDT

☒ 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.

Russell Suzuki has successfully confirmed completion of Airbag Inflator Module Safety Recall for

VIN - STD BT44A 33S157291 [2003 Sequoia BEIGE M. M.]

Warranty Authorization #: b5511e9f

Airbag inflator module was replaced under this safety recall.

Print this page for your records and then click 'Close' to resume working.

Close

h) Confirm agreement by checking the two boxes.

i) Record the Warranty Authorization # to be included in the warranty claim.

j) Place the old module in the parts box and take it immediately to the parts department.

**NOTE:**

- Confirm the cursor is in the correct serial number input box before scanning.
- If the serial number barcode will not scan, it can be entered manually.
- If there are any difficulties or concerns with this process, email [quality\\_compliance@toyota.com](mailto:quality_compliance@toyota.com) with details.

## 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.

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

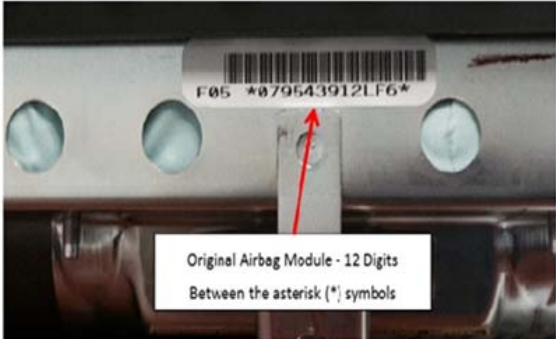
SSC - E04

1 2 3 4 5

User ID: Technician Name:

Dealer Code: Dealer Name:

Time: 03/30/2015 05:15 AM PDT VIN: 1NX BR32E 14Z308698 [2004 Corolla SUPER WHITE]



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

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.

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

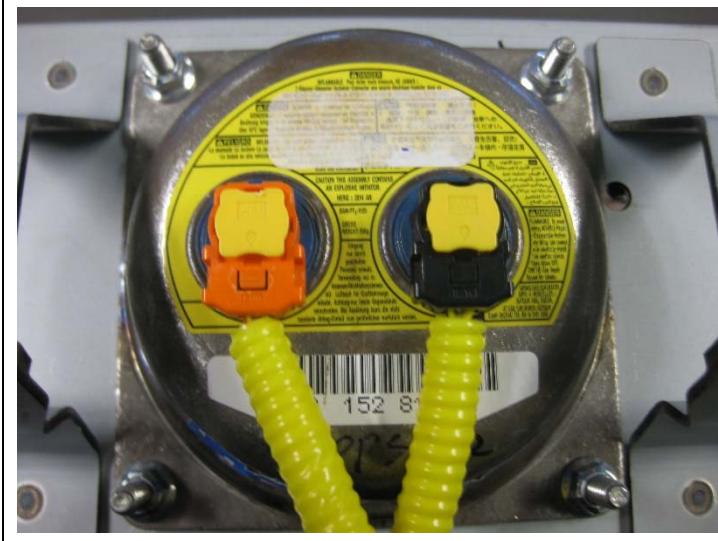
Checking this box requires Air Bag replacement.

b) Go to Page 10 to continue airbag scanning.



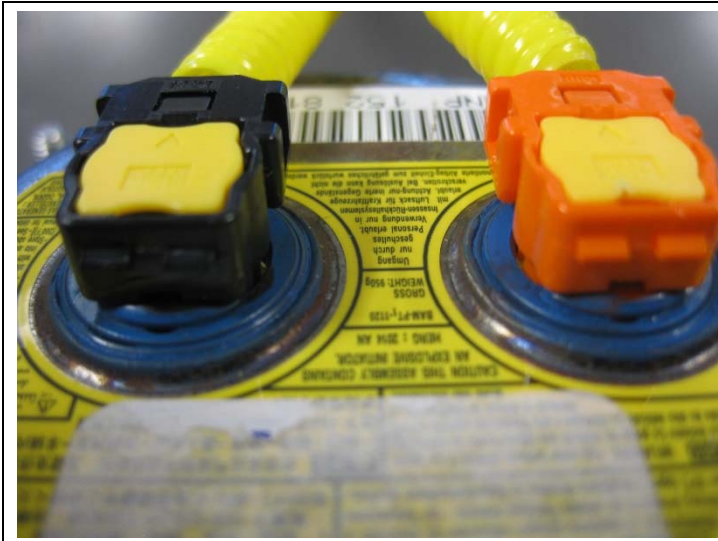
## VIII. FRONT PASSENGER AIRBAG REINSTALLATION

### 1. REINSTALL THE AIRBAG

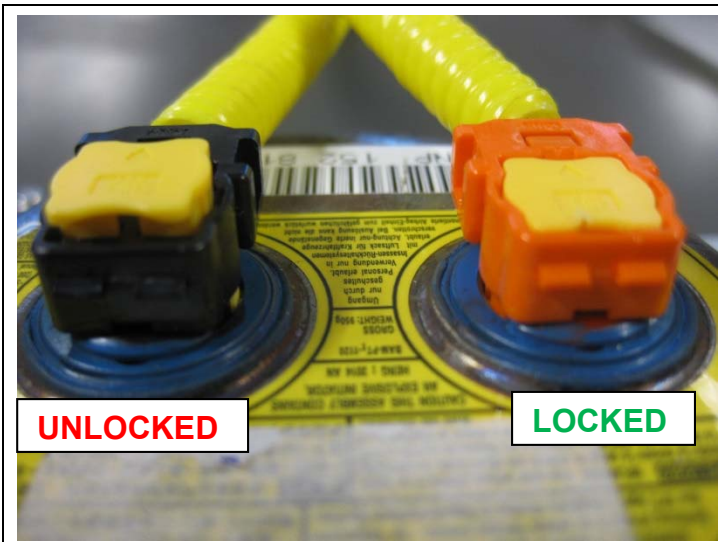


- a) Install the new harness onto the new airbag by plugging in the two connectors.

**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.



**UNLOCKED**

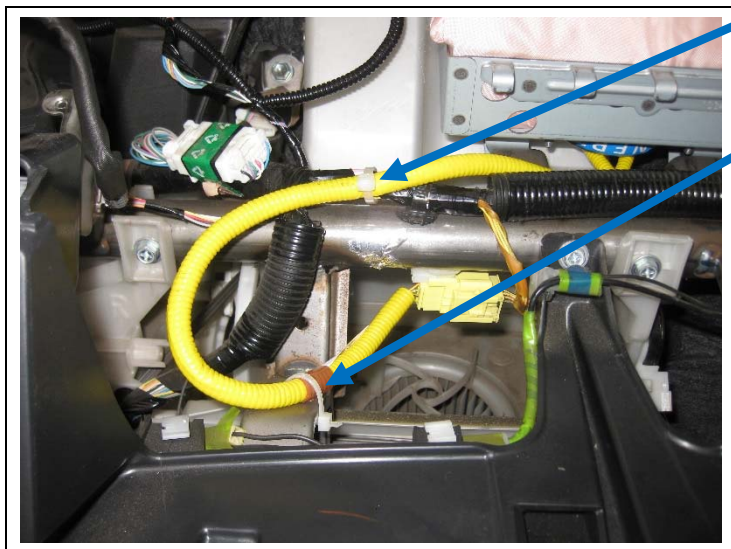
**LOCKED**

**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

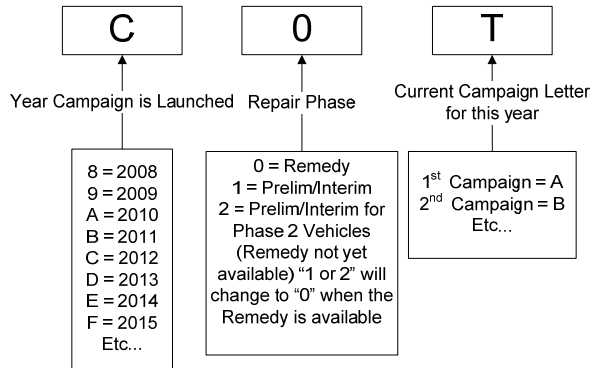
### ◀ VERIFY REPAIR QUALITY ▶

- 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