

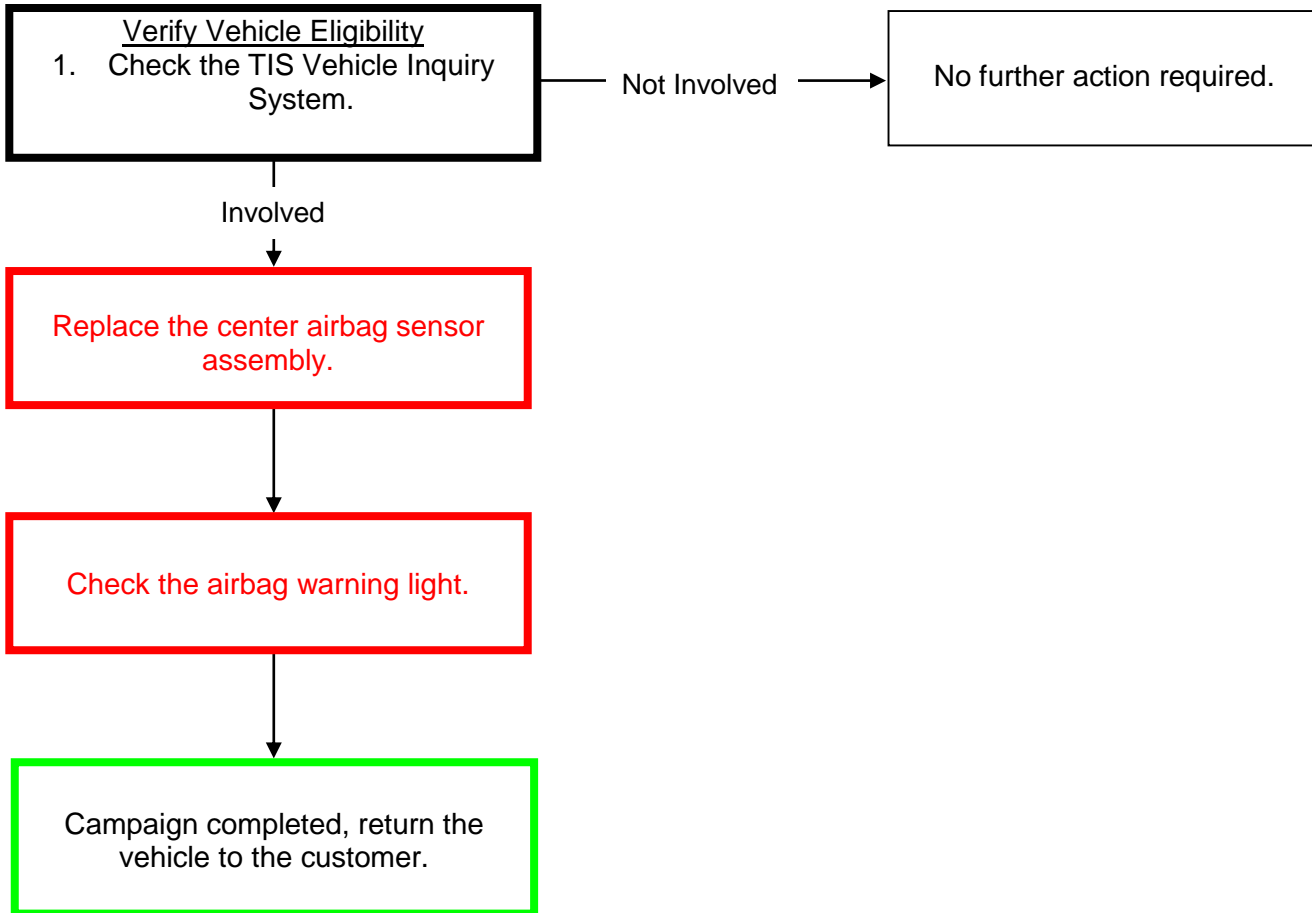
**TECHNICAL INSTRUCTIONS**  
**FOR**  
**CAMPAIGN GLB**  
**CENTER AIRBAG SENSOR ASSEMBLY (SRS ECU)**  
**CERTAIN 2004 – 2006 MY GX470**

**The repair quality of covered vehicles is extremely important to Lexus. 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; Only Lexus Certified and Senior Service Technicians and above, with successful completion of L453, L652, and LSC13A are approved to conduct this repair**

- Senior**
- Master**
- Master Diagnostic Specialist**

**It is the dealership’s responsibility to select technicians with the above certification level or greater to perform this recall 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



## II. IDENTIFICATION OF AFFECTED VEHICLES

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this SSC 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.

## III. PREPARATION

### A. PARTS

Part Number	Part Description	Quantity
04006-28160	Air bag Sensor Assy	1
04006-28260	Air bag Sensor Assy	1

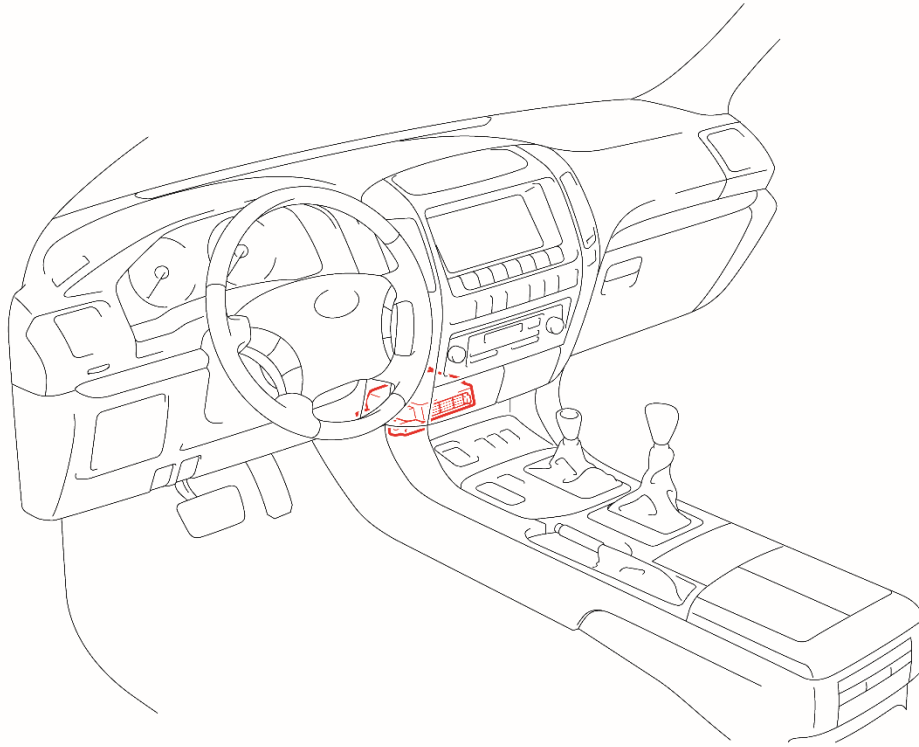
**NOTE:** Not all listed parts are needed for the each vehicle. To determine which part number to order, input the VIN into the following website: <https://g0c-glb-parts-lookup.imagespm.info/>. Default password is xxxxx.

### B. TOOLS & EQUIPMENT

- Techstream
- Molding Remover Set
- Torque Wrench
- Standard Hand Tools

## IV. BACKGROUND

The subject vehicles are equipped with side Curtain-Shield-Airbags (CSAs) which deploy from the roof rails in the event of certain types of crashes. Due to improper programming in the airbag control module, there is a possibility that, under certain specific and limited conditions shortly after vehicle startup, the CSAs and seat belt pre-tensioners could activate when not necessary. Unexpected activation of the CSAs could increase the risk of injury to the occupant.



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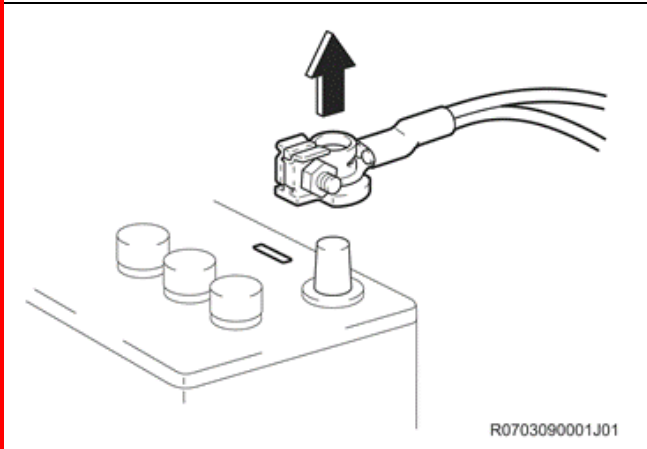
## V. SAFETY PRECAUTIONS

**STOP**

### CRITICAL INFORMATION – READ THOROUGHLY

**STOP**

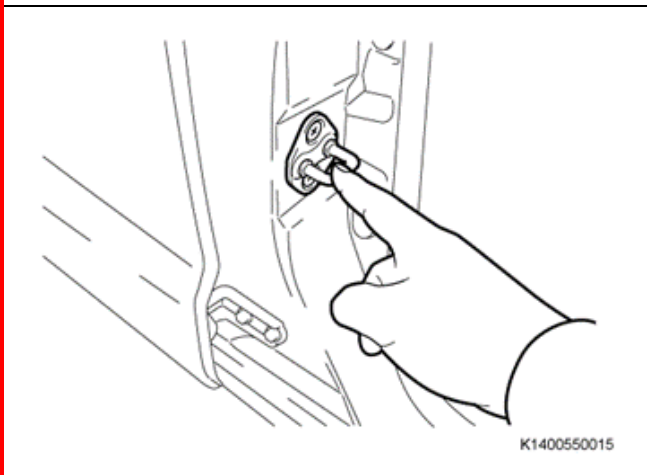
Failure to follow these procedures correctly could cause the SRS to unexpectedly deploy during servicing or the SRS may fail to operate correctly when required after reassembly. Confirm all work is performed as described in these instructions.



#### 1. DISCONNECT THE NEGATIVE BATTERY TERMINAL

**STOP**

- Always disconnect the negative terminal and wait 90 seconds before performing work to prevent airbag and seatbelt pre-tensioner deployment due to back-up battery supply.



#### 2. ELIMINATE STATIC ELECTRICITY

- a) Before removing ECU ground yourself by touching metallic part of the vehicle.



#### 3. DO NOT DROP THE CENTER AIRBAG SENSOR

## VI. REPLACING THE CENTER AIRBAG SENSOR ( SRS ECU)

### 1. PERFORM A HEALTH CHECK

- a) Check to verify if there any air bag DTC's present (current, history, or pending).



This campaign only covers the replacement of the Airbag Sensor Assembly (SRS ECU). No other components in the SRS system are covered by this campaign.

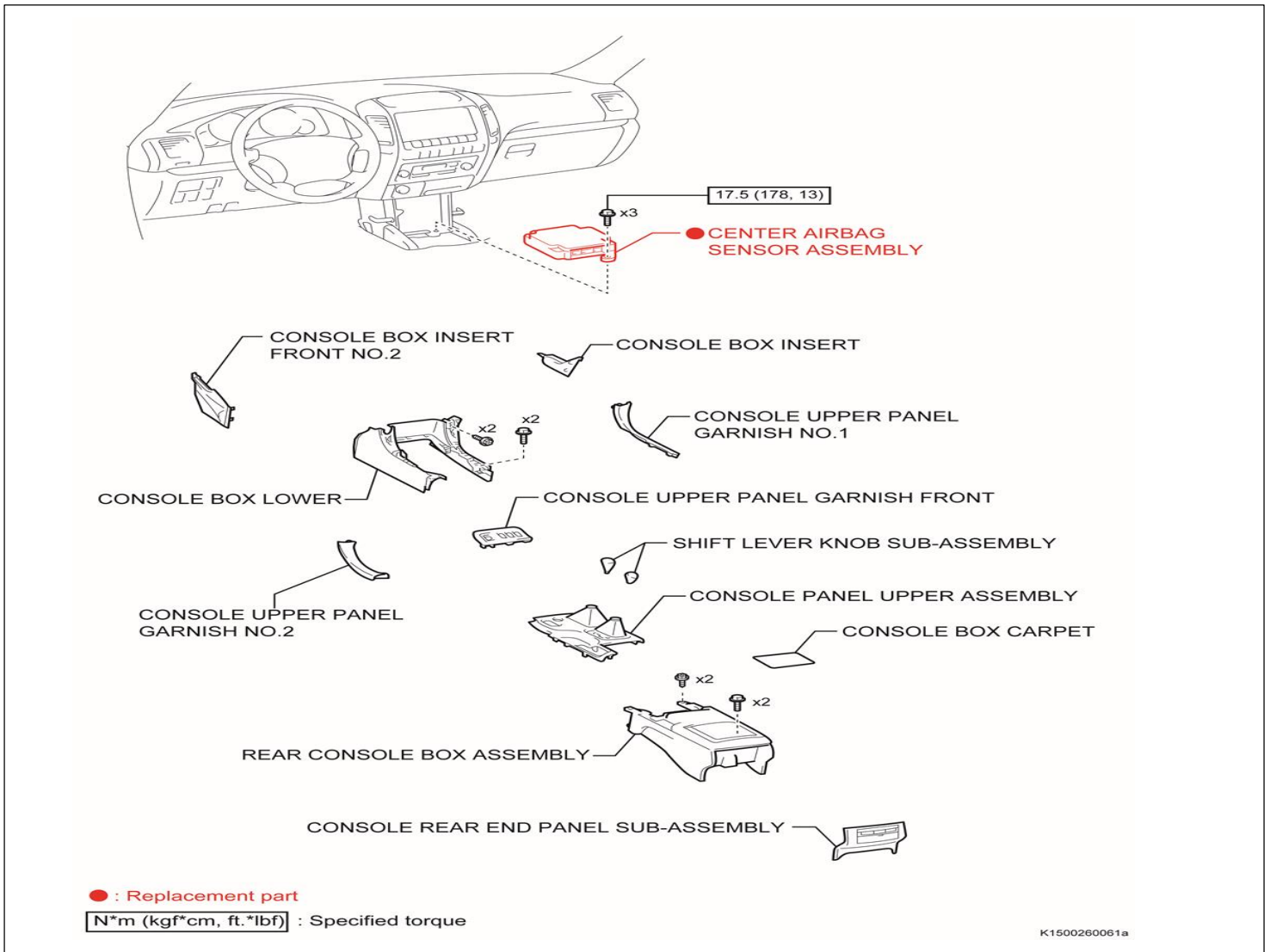
### 2. RECORD AND DOCUMENT CUSTOMERS VEHICLE SETTINGS

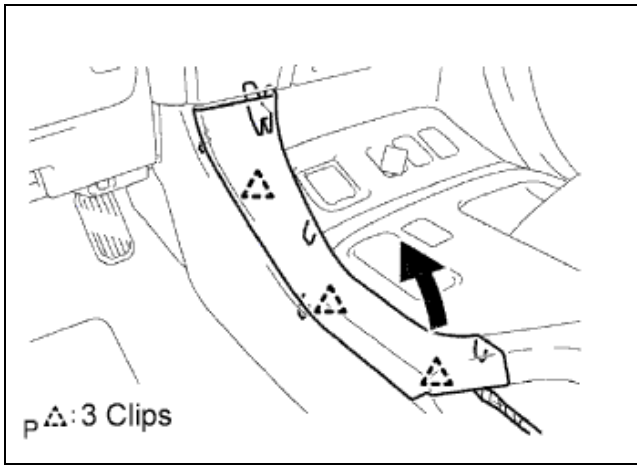
### 3. DISCONNECT THE NEGATIVE BATTERY TERMINAL



- 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.

### 4. COMPONENTS INVOLVED IN THE REMOVAL OF THE CENTER AIRBAG SENSOR

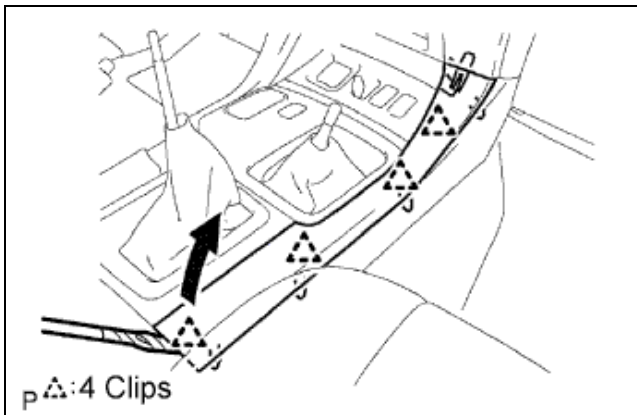




**5. REMOVE SHIFT LEVER KNOB**

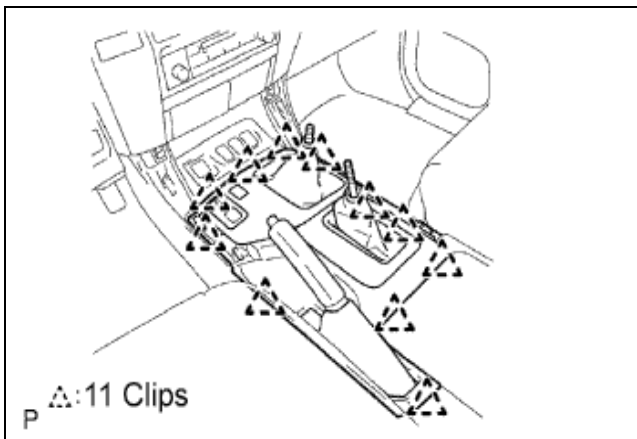
**6. REMOVE NO. 2 CONSOLE UPPER PANEL GARNISH**

- a) Disengage the 3 clips and remove the No. 2 console upper panel garnish,



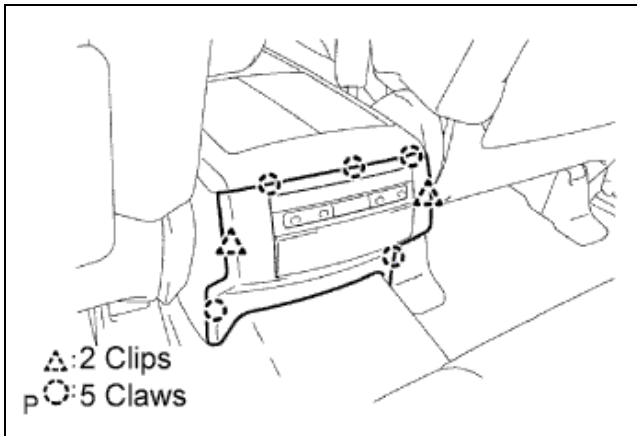
**7. REMOVE NO. 1 CONSOLE UPPER PANEL GARNISH**

- a) Disengage the 4 clips and remove the No. 2 console upper panel garnish,



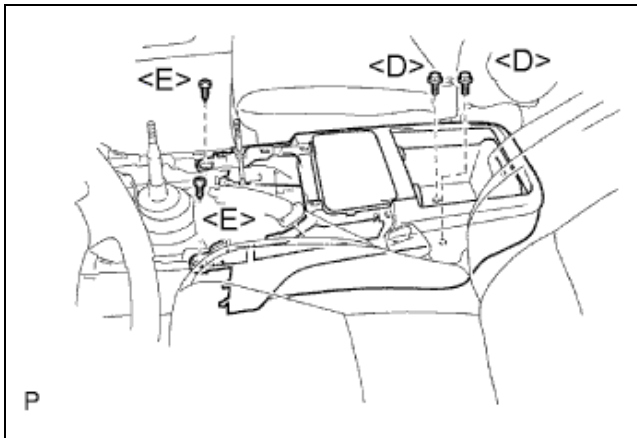
**8. REMOVE CONSOLE PANEL UPPER**

- a) Disengage the 11 clips and remove the upper console panel, then disconnect the connectors.



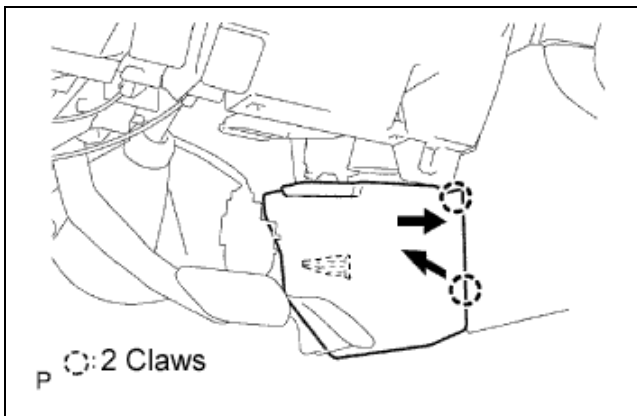
### 9. REMOVE CONSOLE REAR END PANEL

- a) Disengage the 2 clips and the 5 claws, and then remove the console rear end panel.
- b) Disconnect the connectors.



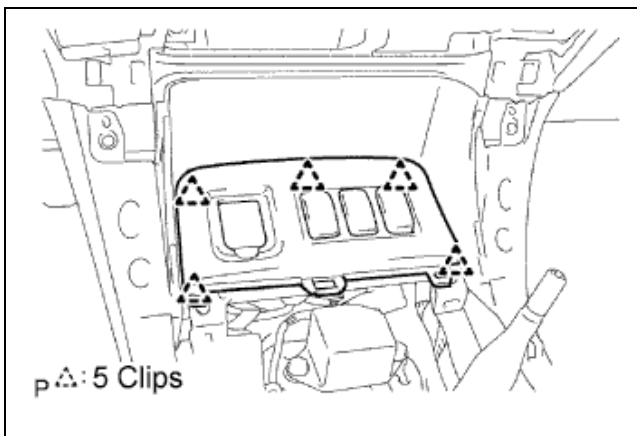
### 10. REMOVE REAR CONSOLE BOX

- a) Remove the 2 bolts <D>, the 2 screws <E> and the rear console box.



### 11. REMOVE FRONT NO. 2 CONSOLE BOX INSERT

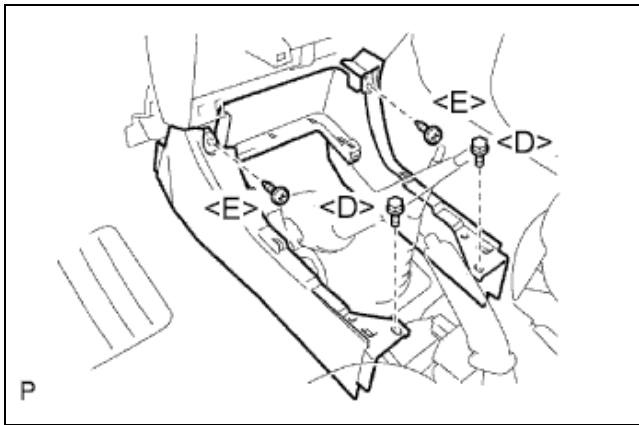
- a) Disengage the 2 claws.
- b) Pull the front NO. 2 console box insert rearward to remove it.



### 12. REMOVE CONSOLE BOX INSERT

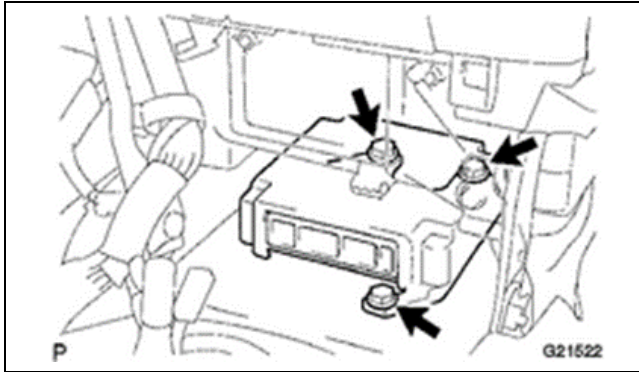
### 13. REMOVE FRONT CONSOLE UPPER PANEL GARNISH

- a) Disengage the 5 clips and remove the front console upper panel garnish, then disconnect the connectors.



**14. REMOVE LOWER CONSOLE BOX**

- a) Remove the bolts <D>.
- b) Remove the 2 screws <E> and the lower console box.

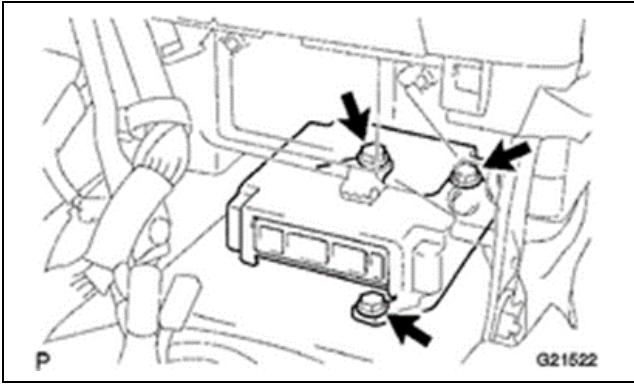


**15. REMOVE THE CENTER AIRBAG SENSOR**

- a) Disconnect the 3 connectors from the center airbag sensor.
- b) Remove the 3 bolts and the center airbag.



## VII. INSTALLATION OF THE NEW CENTER AIRBAG SENSOR



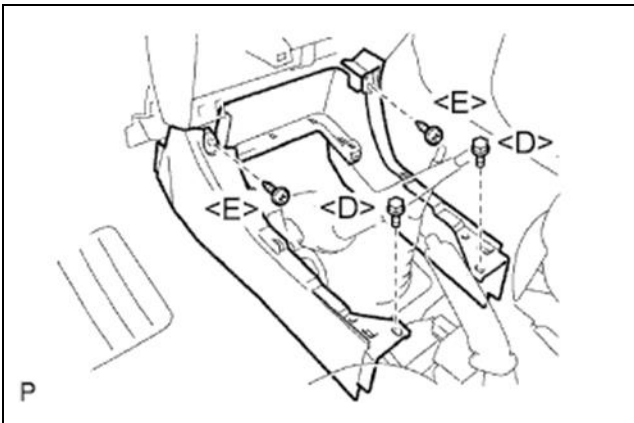
### 1. INSTALL CENTER AIRBAG SENSOR

- Check that the ignition switch is off.
- Install center airbag sensor assembly with the 3 bolts
- Tighten the 3 bolts to the specified torque.

#### Torque:

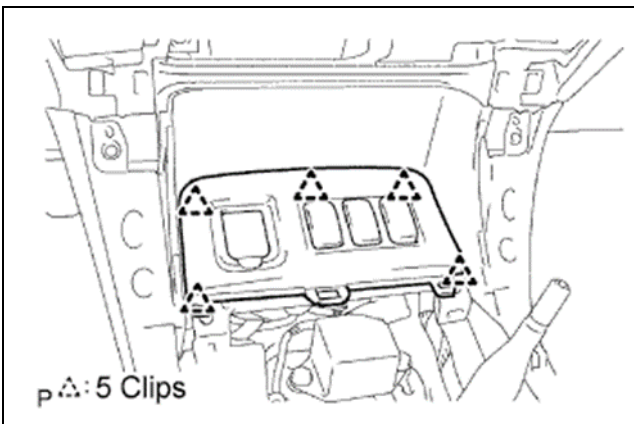
**17.5 N·m {179 kgf·cm, 13ft·lbf}**

- Connect the airbag sensor connectors.



### 2. REINSTALL CONSOLE BOX LOWER

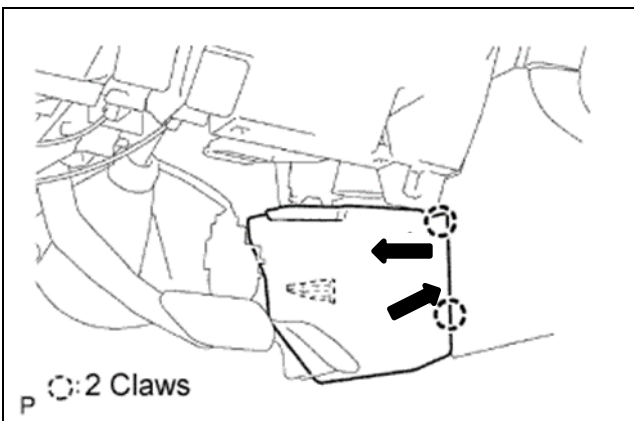
- Reinstall the bolts <D>.
- Reinstall the 2 screws <E> and the lower console box.



### 3. REINSTALL CONSOLE UPPER PANEL GARNISH FRONT

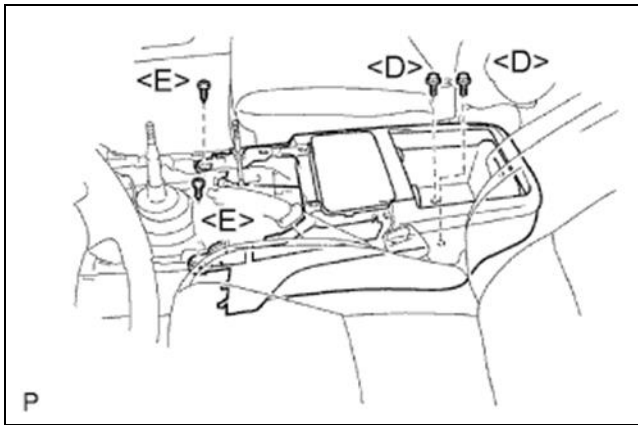
- Reconnect the connectors, then engage the 5 clips and reinstall the front console upper panel garnish.

### 4. REINSTALL CONSOLE BOX INSERT



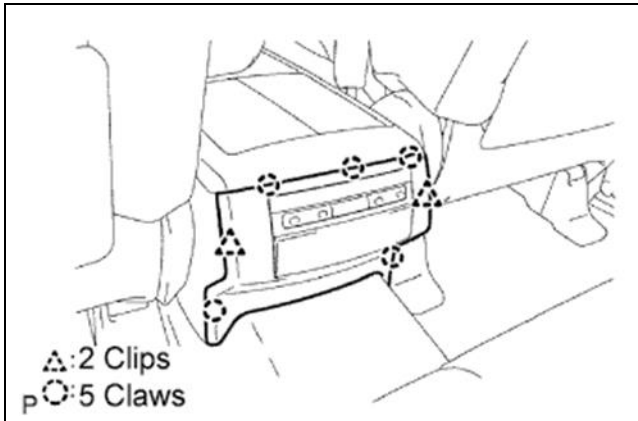
### 5. RE-INSTALL CONSOLE BOX INSERT FRONT NO. 2

- Engage the 2 claws.
- Push the front NO. 2 console box insert forward to reinstall it.



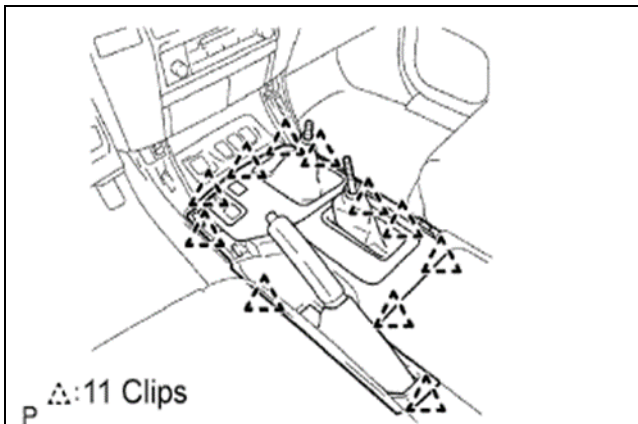
**6. RE-INSTALL REAR CONSOLE BOX ASSEMBLY**

- a) Reinstall the 2 bolts <D>, the 2 screws <E> and the rear console box.



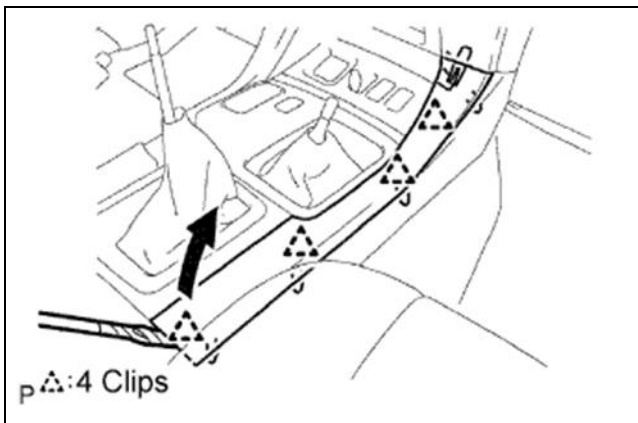
**7. RE-INSTALL CONSOLE REAR END PANEL**

- a) Reconnect the connectors.
- b) Engage the 2 clips and the 5 claws, and then reinstall the console rear end panel.



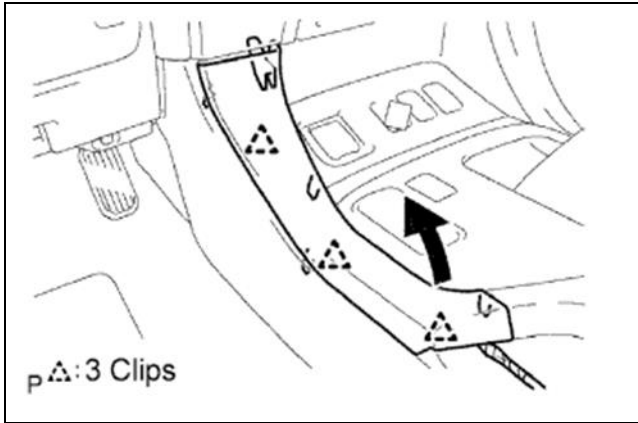
**8. REINSTALL CONSOLE PANEL UPPER ASSEMBLY**

- a) Reconnect the connectors, then engage the 11 clips and reinstall the upper console panel.



**9. REINSTALL CONSOLE UPPER PANEL GARNISH NO. 1**

- a) Engage the 4 clips and reinstall the No. 2 console upper panel garnish,

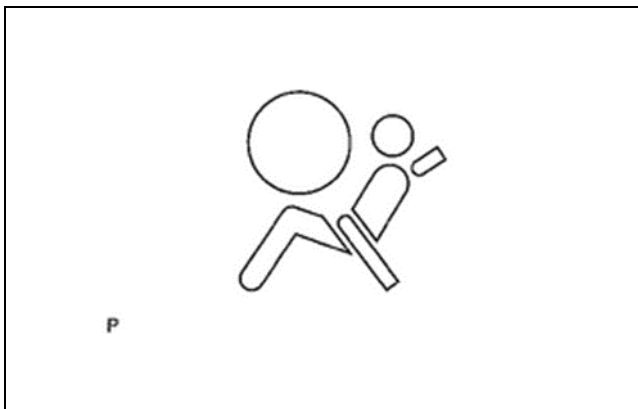


**10. REINSTALL CONSOLE UPPER PANEL GARNISH NO. 2**

- a) Engage the 3 clips and reinstall the No. 2 console upper panel garnish,

**11. REINSTALL SHIFT LEVER KNOB**

**12. RECONNECT THE NEGATIVE BATTERY TERMINAL AND PERFORM ANY NEEDED INITIALIZATIONS**



**13. INSPECT SRS WARNING LIGHT**

- a) Turn the ignition switch to the ON position, and check that the SRS warning light comes on for approximately 6 seconds (primary check).
- b) Check that the SRS warning light goes off approximately 6 seconds after the ignition switch is turned to the ON position (constant check).

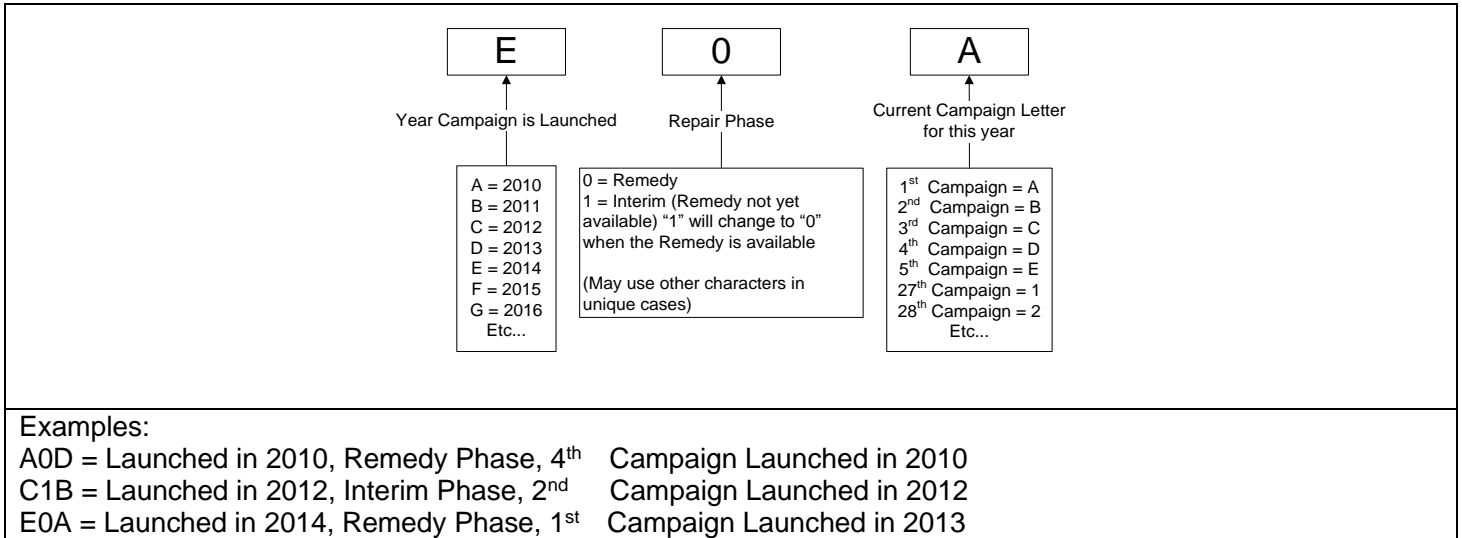
**◀ VERIFY REPAIR QUALITY ▶**

- Ensure all precautions are followed to ensure safety during the repair.

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

## VII. APPENDIX

### A. CAMPAIGN DESIGNATION DECODER



### B. CAMPAIGN PARTS DISPOSAL

As required by Federal Regulations, please make sure all campaign parts (original parts) removed from the vehicle are disposed of in a manner in which they will not be reused, ***unless requested for parts recovery return.***