

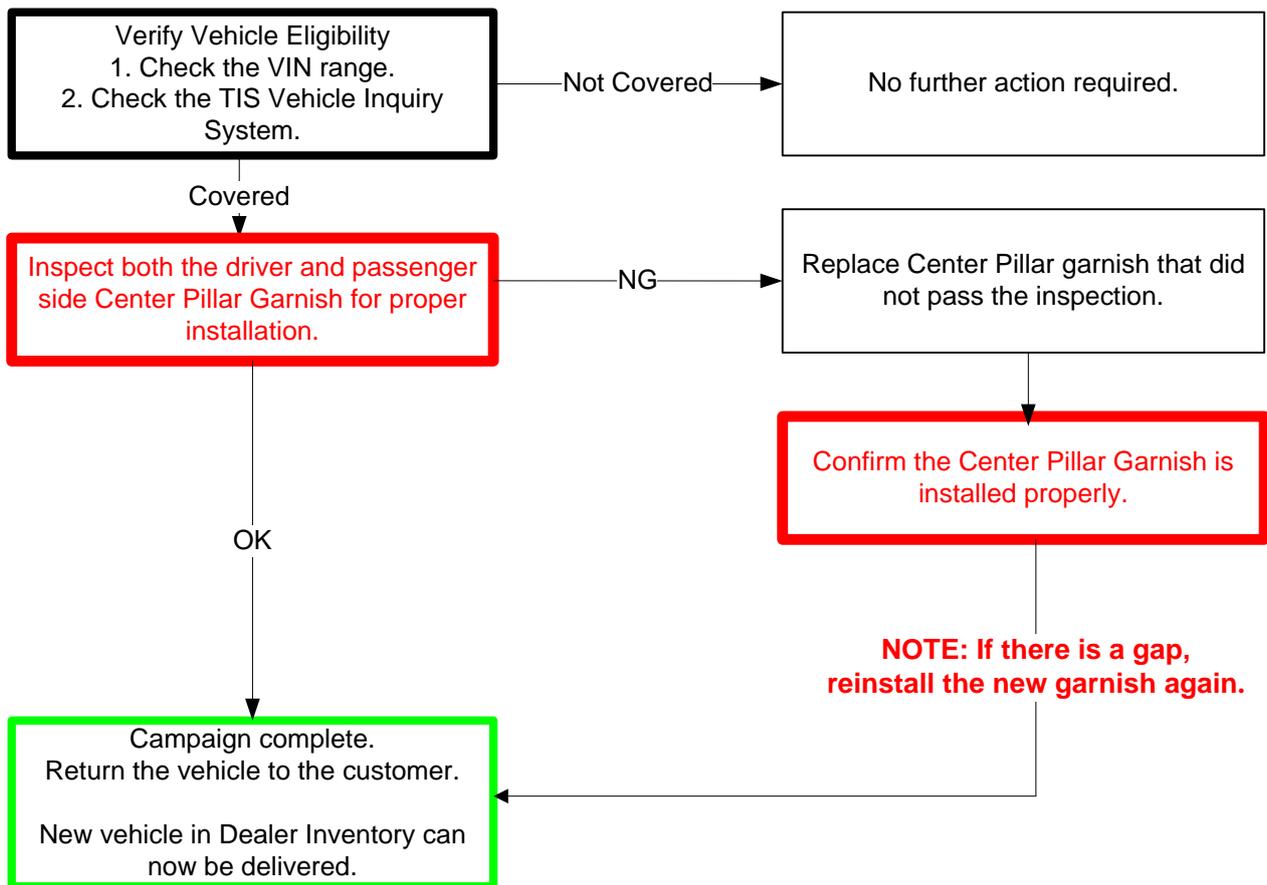
TECHNICAL INSTRUCTIONS
FOR
SAFETY RECALL E0Z
CENTER PILLAR GARNISH INSPECTION
2014 MODEL YEAR TUNDRA

RELEASED SEPTEMBER 10, 2014

All dealership associates involved in the recall process are required to successfully complete E-Learning course SC13A. To ensure that all vehicles have the repair performed correctly; technicians performing this recall repair are required to currently hold at least one of the following certifications levels:

- Toyota Expert (any classifications)
- Master
- Master Diagnostic Technicians

I. OPERATION FLOW CHART



II. IDENTIFICATION OF AFFECTED VEHICLES

A. COVERED VIN RANGE

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Safety (Noncompliance) 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.

III. PREPARATION

A. PARTS

Parts are not required for all vehicles; it anticipated that very few vehicles will require parts.

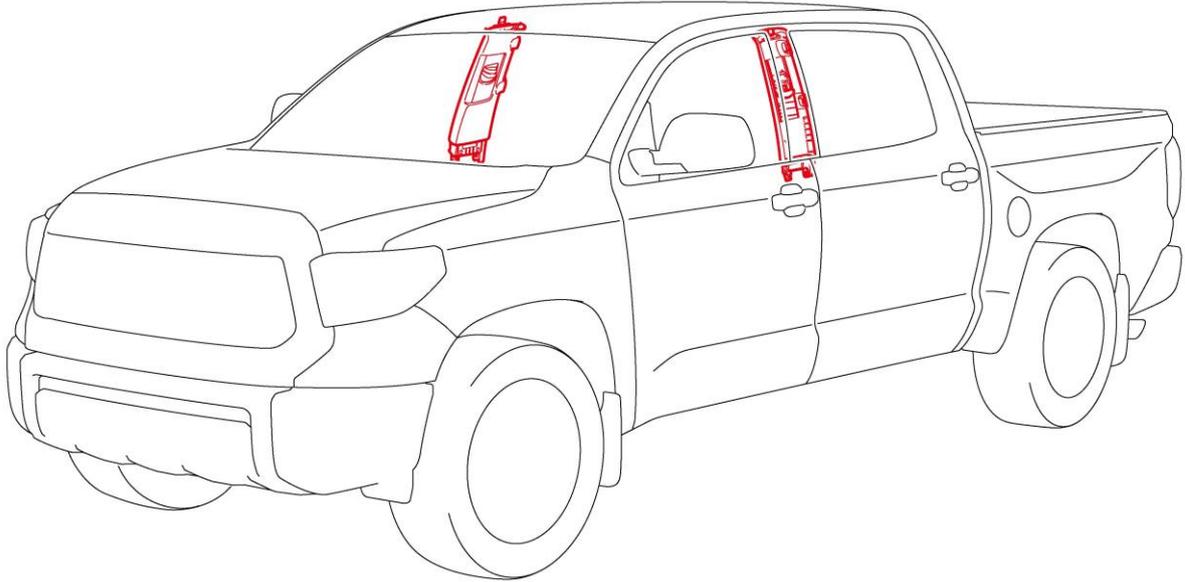
Part Number	Part Description	Quantity
62410-0C040-B2	Side Center Pillar Garnish, RH (Gray)	1
62410-0C040-E2	Side Center Pillar Garnish, RH (Sand Beige)	1
62420-0C040-B2	Side Center Pillar Garnish, LH (Gray)	1
62420-0C040-E2	Side Center Pillar Garnish, LH (Sand Beige)	1

B. TOOLS & EQUIPMENT

- Standard hand tools
- Protective Tape
- Flashlight
- Torque wrench
- Feeler Gauge Set (3" blade or longer with no angle)

IV. BACKGROUND

The subject vehicles are equipped with side Curtain-Shield-Airbags (CSA) which deploy from the roof rails in the event of certain types of collisions. Due to the possible mis-installation of a garnish on the center roof pillar, the garnish could interfere with the CSA and not allow it to achieve its intended inflated shape. In some situations, this could increase the risk of injury to an occupant in the event of a crash.



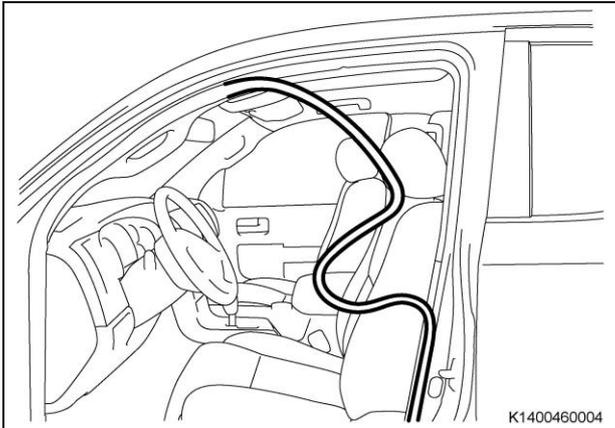
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V. CENTER PILLAR GARNISH INSTALLATION POSITION INSPECTION



You must follow the inspection instructions exactly as described in this TI. The Center Pillar Garnish installation position cannot be determined by looking at the garnish from the outside.

A. VEHICLE DISASSEMBLY AND PREPARATION



1. PULL WEATHERSTRIPPING AWAY FROM CENTER PILLAR

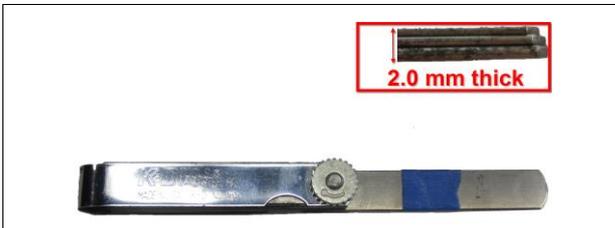
- a) Carefully pull away the the front door weatherstripping from the Center Pillar.

NOTE: The weatherstripping does not need to be completely removed from the vehicle.



2. APPLY PROTECTIVE TAPE TO THE VEHICLE BODY

- a) Apply protective tape to the vehicle body as shown for the front doors to ensure the paint is not damaged during the inspection process.



3. PREPARE THE FEELER GAUGE SET

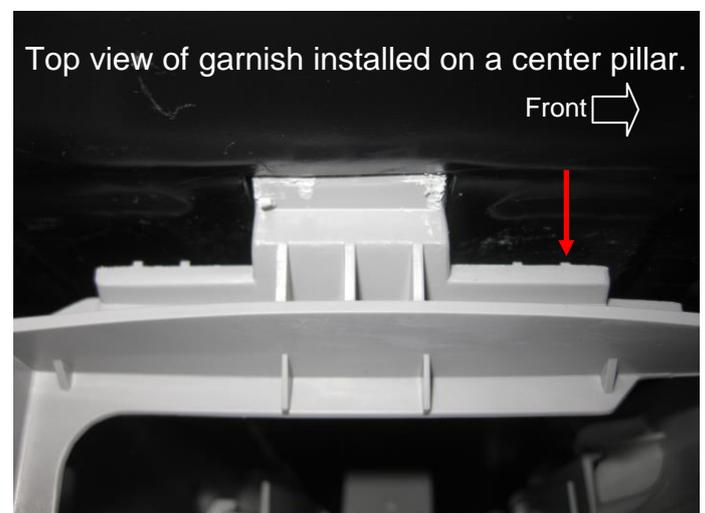
- a) Stack feeler gauges so that they are 2.0 mm thick.
- b) Use tape to secure the feeler gauge blades together.

NOTE: It may be necessary to reorganize the feeler gauge blade stack to ensure that the feeler gauge blades have no gap between them.

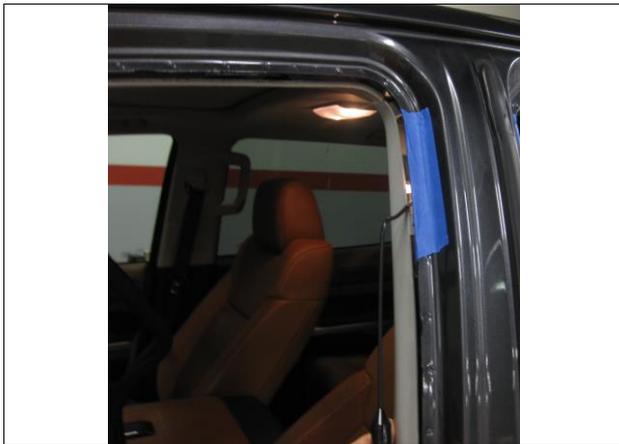
B. CENTER PILLAR GARNISH INSTALLATION POSITION INSPECTION

1. INSPECTION LOCATION FOR EACH CENTER PILLAR GARNISH

- a) When inspecting the garnish position, you will need to check the front upper reinforcement rib only from the front door on each side of the vehicle.



2. CHECK THE GAP BETWEEN THE BODY STRUCTURE AND THE CENTER PILLAR TAB FRONT REINFORCEMENT RIB



a) Using a small flashlight or pen light illuminate the back side of the garnish so you can locate the reinforcement ribs.

- b) From the front door check the clearance between the Center Pillar Garnish Tab Front Reinforcement Rib and the body structure using the feeler gauge.
- c) Repeat the inspection on the other side of the vehicle.

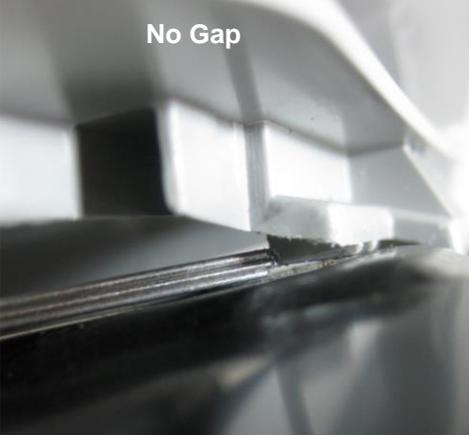


You must check the gap between the front rib and the body structure; ensure that you are measuring at the correct location as shown.



[Center Pillar Garnish Inspection Video](#)

Below are pictures of Good and NG conditions. Each position checked on the Center Pillar Garnish must pass the criteria below.

Good Condition (Extreme Close Up) (Feeler Gauge Interferes with ribs)	Good Condition (Feeler Gauge fits with tension)	NG Condition (Extreme Close Up) (Feeler Fits Loosely)
<p>No Gap</p> 	<p>No Gap</p> 	

Good Condition: Reinstall weatherstripping and return the vehicle to the customer.

NG Condition: Proceed to section VI for garnish replacement.

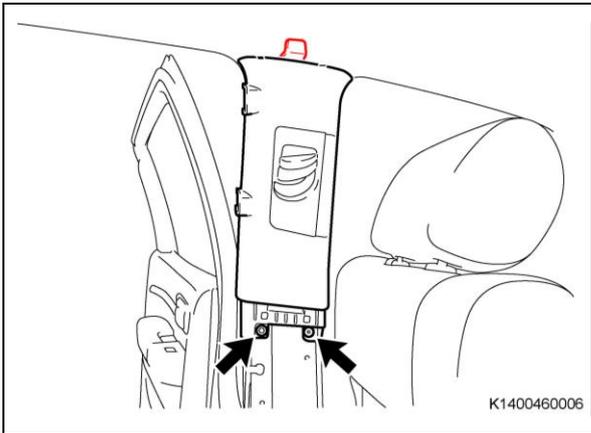
VI. REPLACE THE CENTER PILLAR GARNISH



Replacement shall only be performed for the Center Pillar Garnish that was determined as unacceptable in the inspection.

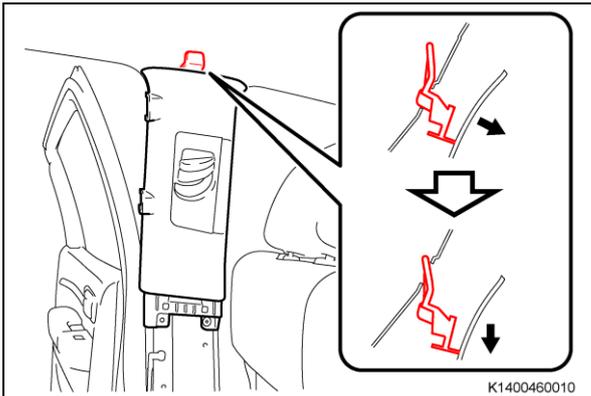
A. CENTER PILLAR GARNISH REMOVAL

1. CAREFULLY PULL AWAY THE WEATHERSTRIPPING FROM THE REAR DOORS
2. REMOVE THE FRONT & REAR DOOR SCUFF PLATE
3. REMOVE THE OUTER LAP BELT ANCHOR BOLT
4. REMOVE THE LOWER CENTER PILLAR GARNISH
5. REMOVE THE REAR SEAT ASSIST GRIP



6. REMOVE THE CENTER PILLAR GARNISH

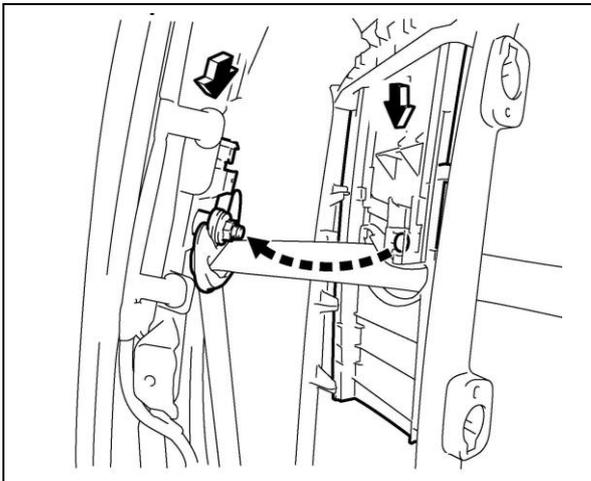
- a) Remove the bolt at the bottom of the center pillar garnish.
- b) Disengage the clip at the bottom of the center pillar garnish.



- c) Disengage the claw at the top of the center pillar garnish by pressing up and in at the top of the garnish while pulling the bottom of the garnish outward. This will give the tab reinforcement ribs clearance when being removed from the center pillar body structure.

Note: Mark the old garnish so it will not be reused.

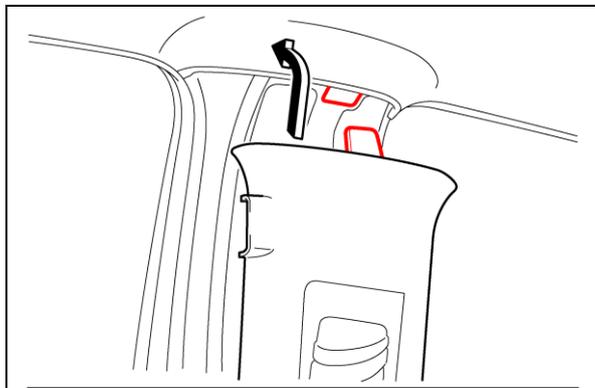
B. CENTER PILLAR GARNISH INSTALLATION.



7. INSTALL THE CENTER PILLAR GARNISH

- a) Move the seat belt shoulder position to the lowest position on the vehicle and the center pillar garnish.
- b) Pass the front seat outer belt floor anchor through the center pillar garnish.
NOTE: Do not twist the seat belt.
- c) Temporarily reinstall the seat belt anchor at the base of the center pillar. This will help minimize the chance of the seat belt latch sliding back through the slot in the garnish.

NOTE: Make sure that the garnish and the belt fit correctly by doing so.



- d) Insert the claw at the top of a new center pillar garnish into a hole of the body by angling the garnish and pressing upward to compress the headliner. Push in at the top of the garnish to ensure that the claw is fully engaged.



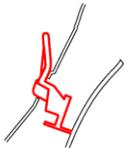
Make sure that the claw is inserted into the hole completely.

- e) Engage the clip at the bottom of the center pillar garnish.

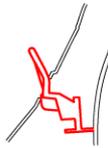
[Center Pillar Garnish Installation Video](#)

【Claw cross-sectional view】

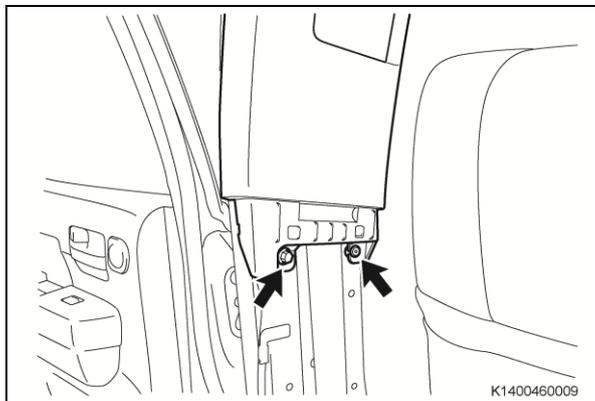
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NG Insufficient engagement



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- a) Attach a bolt at the bottom of the center pillar garnish.

Torque: 5.5 N*m (56 kgf*cm, 49 in.*lbf)

- b) Reinstall the assist grip.

Torque: 12 N*m (122 kgf*cm, 9 ft.*lbf)

NOTE: Make sure that the claw of a cap is not protruded from the seating surface for mounting the assist grip.

8. CHECK IF THE CENTER PILLAR GARNISH IS CORRECTLY INSTALLED

- a) Use the same procedure shown in Section V. "CENTER PILLAR GARNISH INSTALLATION POSITION INSPECTION."

NOTE: If there is a gap, reinstall the garnish again.

9. REINSTALL THE LOWER CENTER PILLAR GARNISH

10. REINSTALL THE OUTER LAP BELT ANCHOR BOLT AND TORQUE TO SPEC

Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)

11. REINSTALL THE FRONT & REAR DOOR SCUFF PLATE

12. REINSTALL THE FRONT & REAR DOOR OPENING TRIM WEATHERSTRIP

13. CHECK THE OPERATION OF THE FRONT SEAT BELT

- a) Check if the seat belt is not twisted and it is able to be pulled out/rewinded smoothly.
 b) Check if the height of the shoulder portion of the seat belt is able to be adjusted smoothly.

◀ VERIFY REPAIR QUALITY ▶

- Confirm that the you followed the inspection exactly as instructed
- Confirm you inspected both the left and right Center Pillar Garnish
- If applicable, confirm you installed the new Center Pillar Garnish correctly.

If you have any questions regarding this **Safety Recall**, please contact your regional representative.

VII. APPENDIX

A. CAMPAIGN PARTS DISPOSAL

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.***

B. CAMPAIGN DESIGNATION DECODER

