

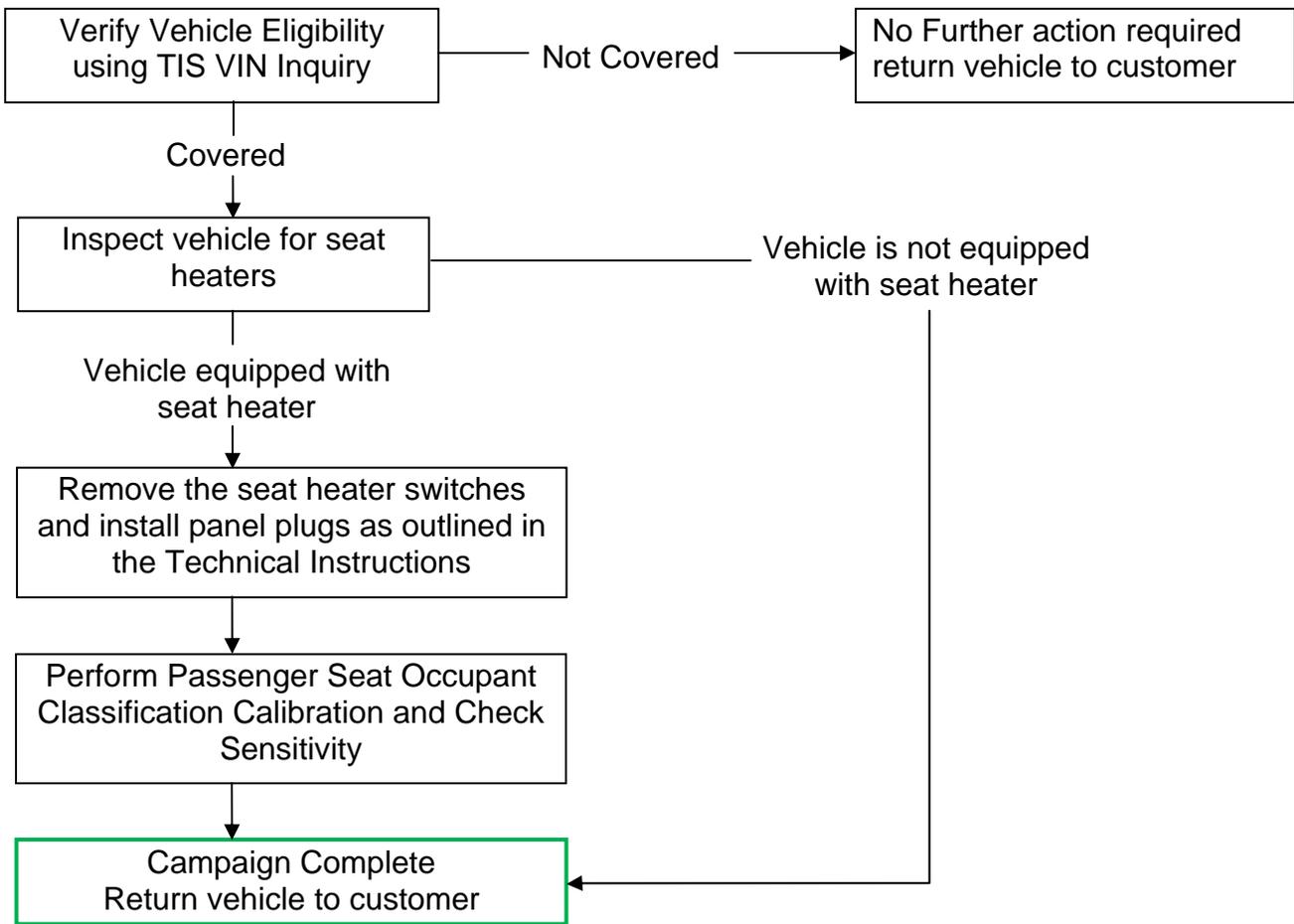
TECHNICAL INSTRUCTIONS
FOR
VOULANTARY SAFETY RECALL CAMPAIGN SET-16B
SEAT HEATER RECALL

CERTAIN Toyota 2005-2011 4Runner, 2005-2010 Avalon, 1988-1990, 2005-2010 Camry, 1989, 2009-2010 Corolla, 2007-2010 FJ Cruiser, 2005-2011 Highlander, 2010-2012 Prius, 2006-2011 Rav4, 2005-2011 Sequoia, 2005-2011 Sienna, 2006-2008 Solara, 2006-2011 Tacoma, 2005-2010 Tundra, and 2009-2010 Venza

All dealership associates involved in the campaign 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 (Electrical)**
- **Master**
- **Master Diagnostic Technicians**

I. OPERATION FLOW CHART



II. IDENTIFICATION OF AFFECTED VEHICLES

NOTE:

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this SSC and that the campaign has not already been completed by another dealer.
- **Southeast Toyota 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 |
|-------------|--|----------|
| 00016-90010 | Seat Heater Panel Plugs (P/N has 2 in kit) | 1 |

B. TOOLS & EQUIPMENT

- Standard Hand Tools
- Techstream

SST- These are essential special service tools that the dealership should have.

| Part Number | Part Name | Quantity |
|----------------|--|----------|
| 00002-09077-01 | Occupant Classification Calibration and Sensitivity Tool | 1 |

IV. BACKGROUND

SET has determined that it is possible that substantial compression of the seat cushion may cause damage to the electrical wiring of seat heaters with a copper strand heating element. If this occurs, the damage may result in a short circuit which could cause a thermal event in the seat cover and injure the occupant of the seat.

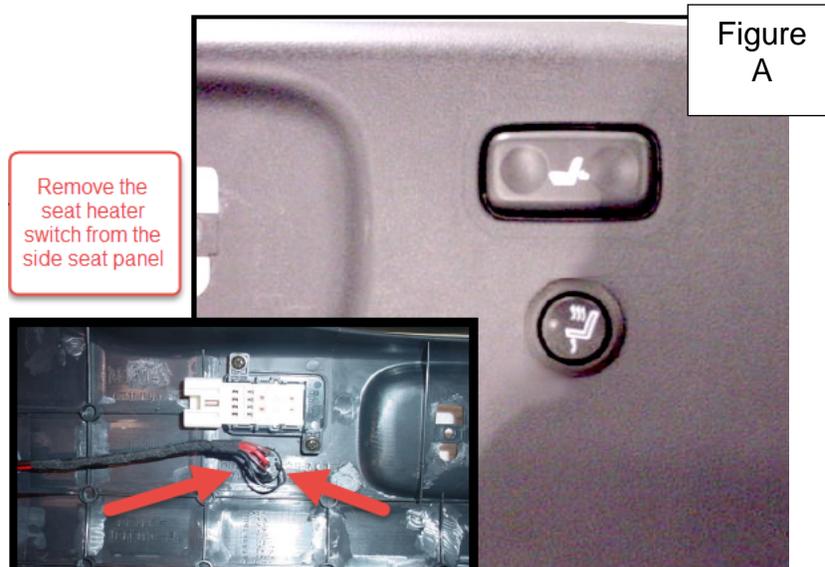
V. VEHICLE INSPECTION AND REMEDY

- Inspect the vehicle for seat heater switches and location
 - If the vehicle is equipped with seat heater switches on the seat side panel follow **Procedure A.**
 - See page 3
 - If the vehicle is equipped with seat heater switches in the center console or center dash location follow **Procedure B.**
 - See page 4
 - If vehicle is not equipped with seat heaters. Campaign is complete.

PROCEDURE "A"

For vehicles with seat heater switches on seat side panel

1. Place protective covering on vehicle.
2. **CAUTION: Disconnect the negative battery cable for 3 minutes before beginning repair.**
3. Remove the 4 seat anchor bolts for the drivers and passengers side seat. *(To allow access under the seat assembly)*
4. Remove the drivers and passenger side outboard seat panel. *(refer to TIS for model specific removal instructions)*
5. Disconnect the seat heater switch connector on the drivers and passenger side seat.
6. Remove the seat heater switch on the drivers and passengers side seat panel by squeezing the 2 locking tabs of the switch on the back side of the panel. Figure A



7. Reinstall the seat side panels and seat assemblies with the 4 removed anchor bolts. *(Refer to TIS for torque specifications by model)*
8. Using the supplied 20mm hole plug, install in the side panel until flush and fully seated against the trim panel face. Figure B



Occupant Classification Calibration and Sensitivity Check

9. Refer to TIS for Seat Occupant Classification Calibration and Sensitivity Check by model
 - a. Use Lexus/Toyota SST# 00002-09077-01

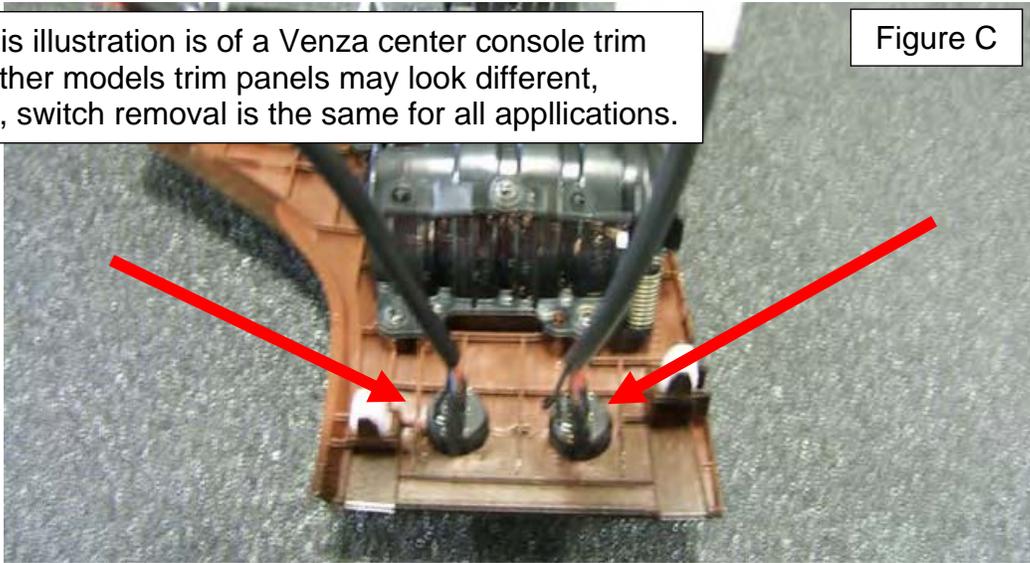
PRODEDURE "B"

For vehicles that have the seat heater switch in the center console or center dash location

1. Place protective covering on vehicle.
2. **CAUTION: Disconnect the negative battery cable for 3 minutes before beginning repair.**
3. Remove the center console trim panel (s) that retains the seat heater switches. (refer to TIS for model specific removal instructions)
4. Disconnect the seat heater switch connector.
5. Remove the seat heater switches from the center console trim panel by squeezing the 2 locking tabs of the switch on the back side of the panel. Figure C

Note: This illustration is of a Venza center console trim panel. Other models trim panels may look different, however, switch removal is the same for all applications.

Figure C



6. Reinstall the center console trim panel (Refer to TIS for torque specifications by model)
7. Using the supplied 20mm hole plug, install it in the center console trim panel until flush and fully seated against the trim panel face. Figure D

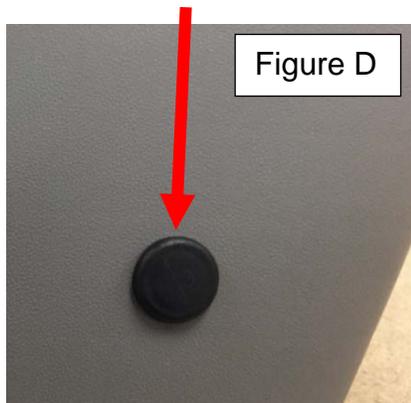


Figure D



Exploded view of plug

Occupant Classification Calibration and Sensitivity Check

8. Refer to TIS for Seat Occupant Classification Calibration and Sensitivity Check by model
 - a. Use Lexus/Toyota SST# 00002-09077-01

◀ VERIFY REPAIR QUALITY ▶

- Confirm seat heater switches are removed and plugs are fully seated

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