

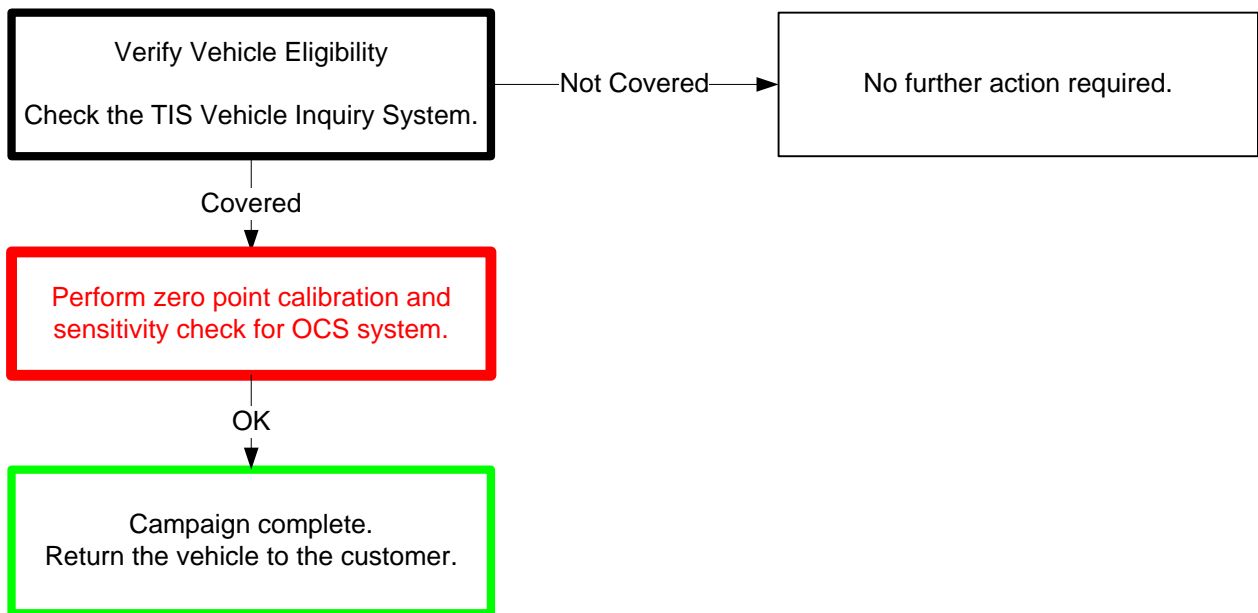
TECHNICAL INSTRUCTIONS
FOR
SAFETY (NONCOMPLIANCE) RECALL G0J
OCCUPANT CLASSIFICATION SYSTEM CALIBRATION (OCS)
CERTAIN 2016 MODEL YEAR AVALON, AVALON HV,
AND CAMRY VEHICLES

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:

- Expert Technician (Any specialty)
- Master Technician
- Master Diagnostic Technician

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



II. IDENTIFICATION OF AFFECTED VEHICLES

A. COVERED VIN RANGE

- 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.

III. PREPARATION

A. PARTS

There are no parts required for this campaign.

B. TOOLS & EQUIPMENT

- Techstream 2.0/ TIS Techstream / Techstream Lite (Software 11.00.017 or higher)

SST- The following tools are essential service tools that all dealers are required to have.

Part Number	Part Name
00002-09090-01	Occupant Classification Seat Weight Set

IV. BACKGROUND

In the involved vehicles, the front passenger seat is equipped with an Occupant Classification System (OCS) which activates/deactivates the front passenger air bag system, depending on the weight of the occupant. There is a possibility that some vehicles may not have received proper OCS calibration during the vehicle manufacturing process. With the improper calibration, under some conditions, the front passenger air bag and the front passenger knee air bag may not deploy as designed in a crash, increasing the risk of an injury to a front seat passenger.

V. PERFORM OCCUPANT CLASSIFICATION ZERO POINT AND SENSITIVITY CHECK

1. CONFIRM THE FOLLOWING

- a) The vehicle is parked on a level surface.
- b) There are no objects on the front passenger seat.
- c) Ensure there is nothing underneath the front passenger seat.



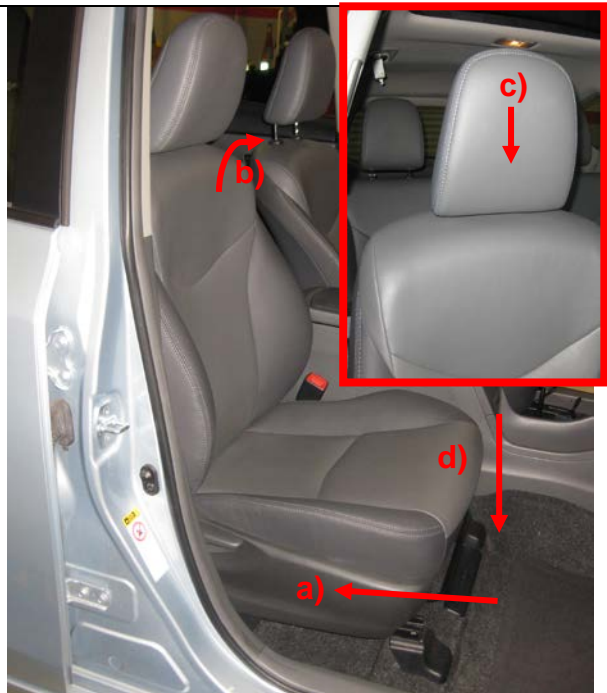
2. PREPARE THE PASSENGER SEAT (AVALON & AVALON HV)

- a) Slide the seat fully forward.
- b) Adjust the seat back to the upright position.
- c) Slide the headrest to its lowest position.
- d) Seat height placed in its lowest position. (if equipped)

The passenger seat must be in the correct position to correctly recalibrate the OCS system.



If the seat contacts the center consol, move it back until the upper and lower seat track is even.

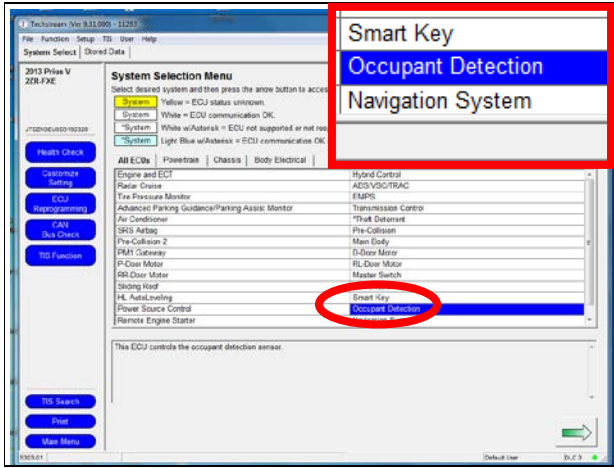


3. PREPARE THE PASSENGER SEAT (CAMRY)

- a) Slide the seat to its rear most position.
- b) Adjust the seat back to the upright position.
- c) Slide the headrest to its lowest position.
- d) Seat height placed in its lowest position. (if equipped)

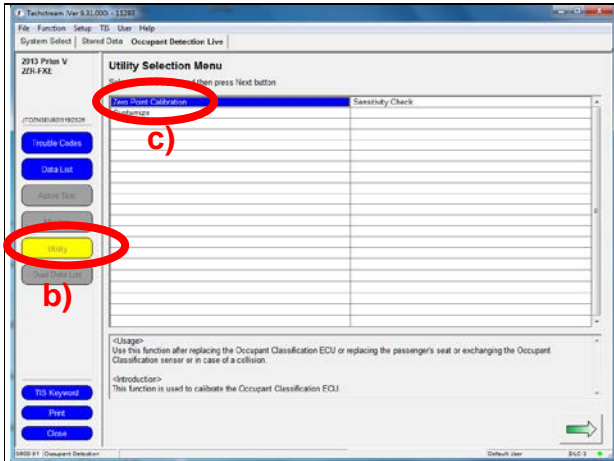


The passenger seat must be in the correct position to correctly recalibrate the OCS system.



4. CONNECT TECHSTREAM AND PERFORM THE ZERO POINT CALIBRATION

a) Select the "Occupant Detection" system from the System Select screen.



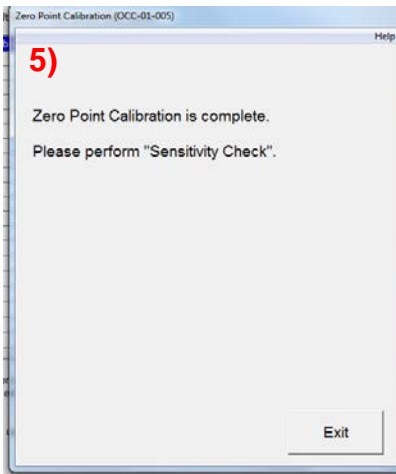
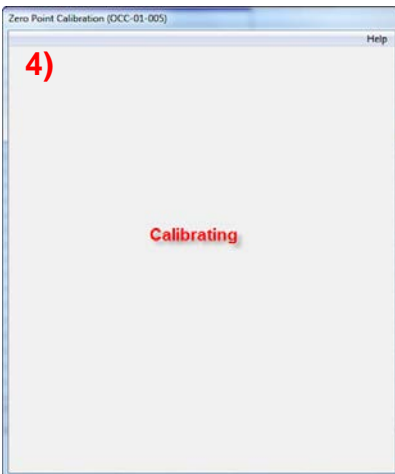
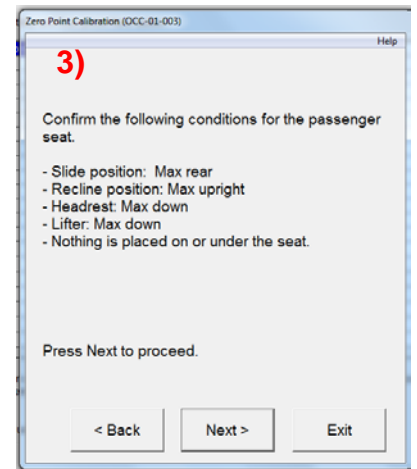
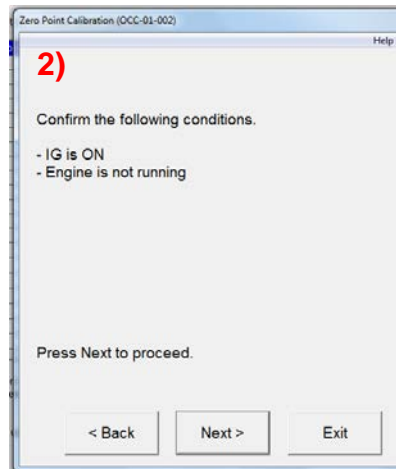
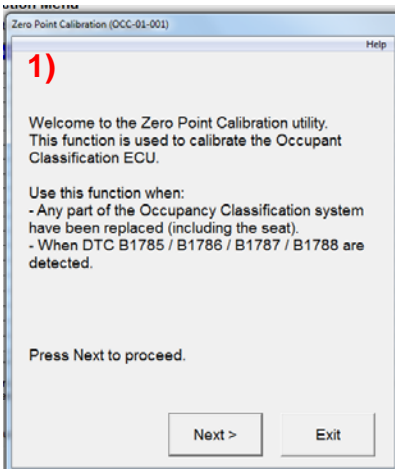
b) When you enter the "Occupant Detection" system, select "Utility" from the menu on the lefthand side as shown.

c) Then select "Zero Point Calibration" from the "Utility Selection Menu".

d) Follow the prompts on the screen to perform the “Zero Point Calibration” and ensure you follow all instructions.

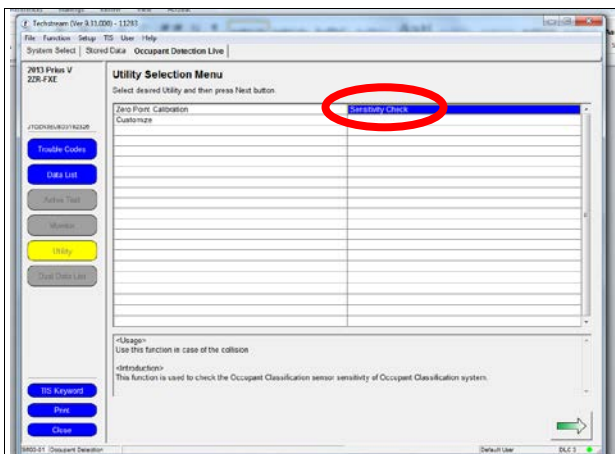


- The “Zero Point Calibration” must be performed first.
- Ensure that the seat is in the correct position and empty.

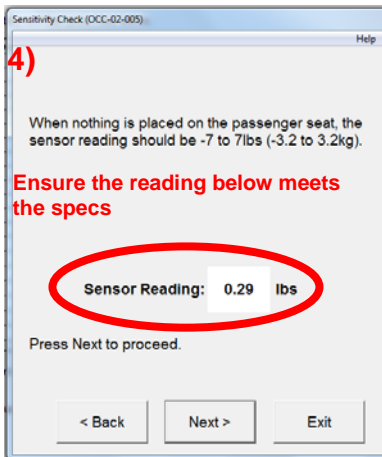
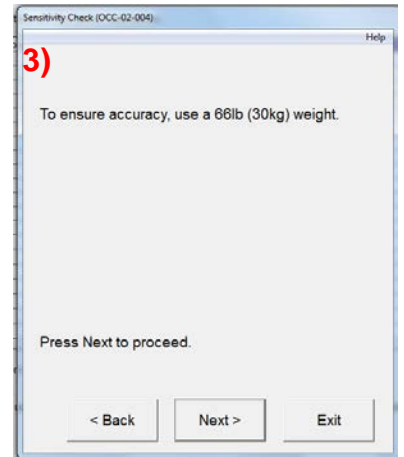
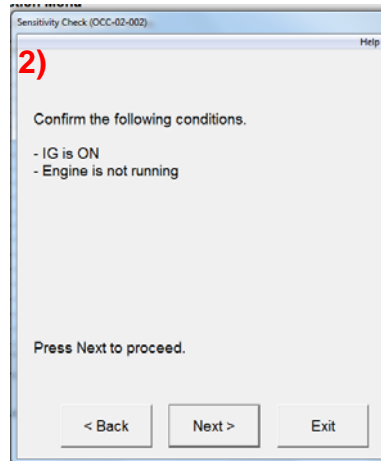
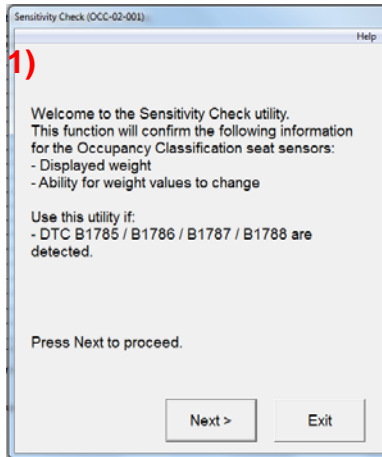


5. PERFORM SENSITIVITY CHECK

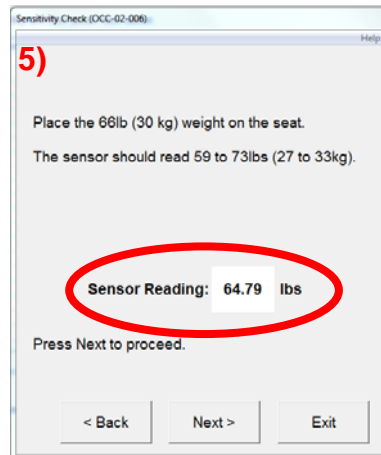
- a) Select “Sensitivity Check” from the “Utility Selection Menu”.



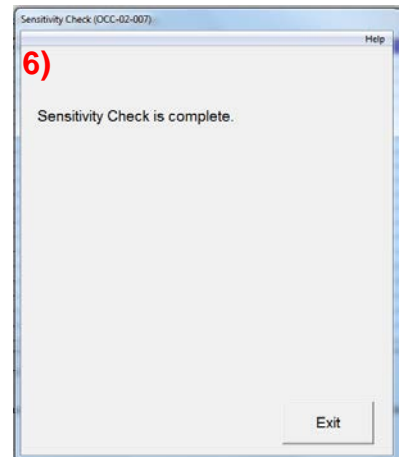
b) Follow the prompts on the screen to perform the sensitivity check and ensure you follow all instructions.



Ensure the reading is within the spec.
Spec: -7.00 to 7.0 lbs (-3.2 to 3.2 kg)



Confirm the reading is within the spec.
Spec: 59 to 73 lbs (27 to 33 kg)



If the weight reading is out of spec, reposition the weights on the seat and recheck.

6. RETURN PASSENGER SEAT TO ORIGINAL POSITION

◀ VERIFY REPAIR QUALITY ▶

- Confirm that the seat was in the correct position for calibration
 - Confirm that the Zero Point Calibration was performed first
 - Confirm that the correct number of seat weights were used to confirm OCS system calibration
- If you have any questions regarding this **Safety (Noncompliance) Recall**, please contact your regional representative.

VI. 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

