

<b>Last Modified:</b> 5-3-2010	6.4 D	<b>From:</b> 200904
<b>Model Year:</b> 2010	<b>Model:</b> Prius	<b>Doc ID:</b> RM0000010VN04AX
<b>Title:</b> SUPPLEMENTAL RESTRAINT SYSTEMS: OCCUPANT CLASSIFICATION SYSTEM: INITIALIZATION (2010 Prius)		

## **INITIALIZATION**

### **NOTICE:**

**Make sure that the front passenger seat is not occupied before performing the operation.**

### **HINT:**

**Perform zero point calibration and sensitivity check if any of the following conditions occur:**

- The occupant classification ECU is replaced.
- Accessories (seatback tray and seat cover, etc.) are installed.
- The front passenger seat is removed from the vehicle.
- The passenger airbag ON/OFF indicator ("OFF") comes on when the front passenger seat is not occupied.
- The vehicle is brought to the workshop for repair due to an accident or a collision.

### **1. ZERO POINT CALIBRATION**

(a) Zero point calibration procedure

### **HINT:**

**Make sure that zero point calibration has finished normally, and then perform the sensitivity check.**

(1) Check that all of the following conditions are met:

- The vehicle is parked on a level surface.
- No objects are placed on the front passenger seat.
- The front passenger seat belt buckle switch is off.

(2) Adjust the seat position according to the table below.

ADJUSTMENT ITEM	POSITION
Slide Direction	Rearmost position
Reclining Angle	Upright position
Headrest Height	Lowest position
Lifter Height	Lowest position

(3) Turn the power switch off.

(4) Connect the Techstream to the DLC3.

(5) Turn the power switch on (IG).

(6) Turn the Techstream on.

(7) Enter the following menus: Body Electrical / Occupant Detection / Utility / Zero Point Calibration.

(8) Perform zero point calibration by following the prompts on the Techstream screen.

### **HINT:**

- Refer to the Techstream operator's manual for further details.
- If zero point calibration does not complete, replace the front seat cushion spring assembly.

OK:

"Zero Point Calibration is complete." is displayed.

## 2. SENSITIVITY CHECK

(a) Sensitivity check procedure

- (1) Turn the power switch off.
- (2) Connect the Techstream to the DLC3.
- (3) Turn the power switch on (IG).
- (4) Turn the Techstream on.
- (5) Enter the following menus: Body Electrical / Occupant Detection / Utility / Sensitivity Check.
- (6) Perform sensitivity check by following the prompts on the Techstream screen.

### **HINT:**

**Refer to the Techstream operator's manual for further details.**

- (7) Confirm that the initial sensor reading is within the specified range.

Standard:

-3.2 to 3.2 kg (-7.0 to 7.0 lb)

- (8) Place a 30 kg (66.1 lb) weight (e.g. a 30 kg (66.1 lb) of lead mass) onto the front passenger seat.

- (9) Confirm that sensitivity is within the specified range.

Standard:

27 to 33 kg (59.5 to 72.8 lb)

### **HINT:**

- When performing sensitivity check, use a solid metal weight (the check result may not appear properly if a liquid weight is used).
- If sensitivity deviates from the specified range, retighten the bolts of the front passenger seat without deforming the seat rail. After performing this procedure, if sensitivity is not within the specified range, replace the Front seat cushion spring assembly.

