

## INITIALIZATION

### 1. ZERO POINT CALIBRATION

#### NOTICE:

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

#### HINT:

Perform the zero point calibration and sensitivity check if any of the following conditions apply.

- The occupant classification ECU is replaced.
- Accessories (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.

#### (a) Zero point calibration and sensitivity check procedures:

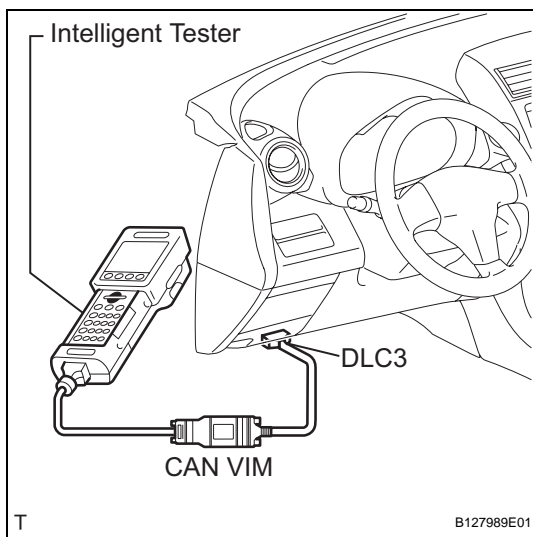
##### HINT:

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

- (1) Adjust the seat position in accordance with the table below.

Adjustment Item	Position
Slide Direction	Rearmost position
Reclining Angle	Upright position
Headrest Height	Lowest position
Lifter Height	Lowest position

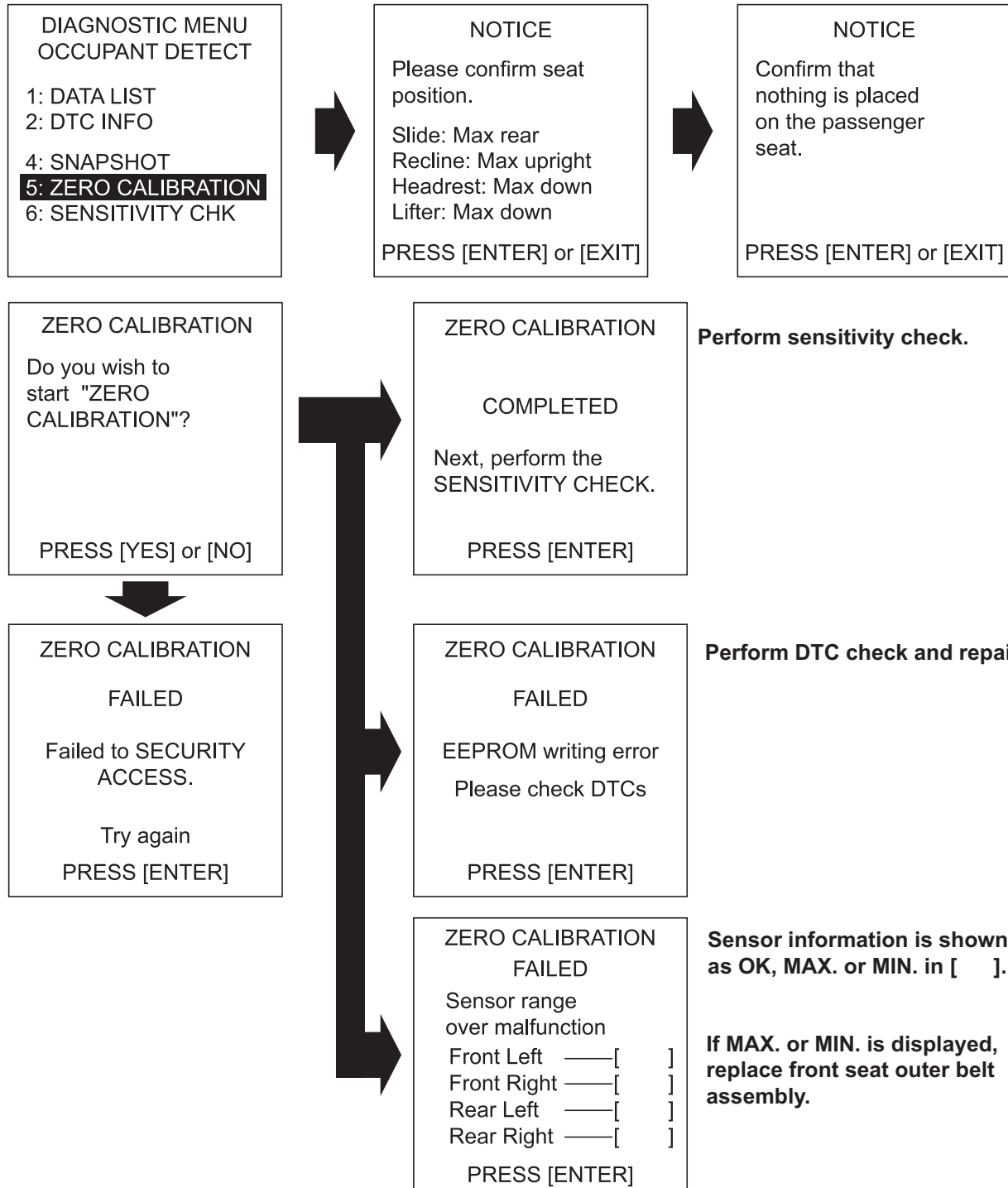
- (2) Connect the intelligent tester (with CAN VIM) to the DLC3.
- (3) Turn the ignition switch ON.



(4) Perform the zero point calibration by following the prompts on the tester screen.

**ZERO POINT CALIBRATION PROCEDURE**

1: DIAGNOSIS - 1: OBD/MOBD - MODEL YEAR - MODEL SELECTION - 9: OCCUPANT DETECT  
Refer to the following screen flowchart.



**RS**

C

C113452E11

**HINT:**  
Refer to the intelligent tester operator's manual for further details.

**OK:****COMPLETED is displayed.**

- (5) Perform the sensitivity check by following the prompts on the tester screen.
- (6) Confirm that the beginning sensor reading is within the standard range.

**Standard range:****-3.2 to 3.2 kg (-7 to 7 lb)**

- (7) Place a 30 kg (66.14 lb) weight (e.g. a lead mass) onto the front passenger seat.
- (8) Confirm that the sensitivity is within the standard range.

## SENSITIVITY CHECK PROCEDURE

1: DIAGNOSIS → 1: OBD/MOBD → MODEL YEAR → MODEL SELECTION → 9: OCCUPANT DETECT

DIAGNOSTIC MENU  
OCCUPANT DETECT

- 1: DATA LIST
- 2: DTC INFO
- 4: SNAPSHOT
- 5: ZERO CALIBRATION
- 6: SENSITIVITY CHK**

## NOTICE

Please confirm  
that nothing is  
placed on the  
passenger seat.

PRESS [ENTER] or [EXIT]

## SENSITIVITY CHECK

Beginning sensor  
reading should be  
-3.2 to 3.2 kg  
(-7 to 7 lbs).

Sensor reading  
0.00 kg

PRESS [ENTER]

## SENSITIVITY CHECK

Place 30 kg (66 lbs)  
weight on passenger  
seat. Sensor reading  
should be 27 to 33 kg  
(59 to 73 lbs).

Sensor reading  
0.00 kg (\*1)  
PRESS [ENTER]

\*1: The unit can be changed by entering the following menu items on an intelligent tester.

[Unit Selection Screen]

1: DIAGNOSIS → 9: SETUP → 4: UNIT CONVERSION  
→ WEIGHT (kg = lbs)

**Standard range:****27 to 33 kg (59.52 to 72.75 lb)****HINT:**

- When performing the sensitivity check, use a solid metal weight (the check result may not be accurate if a liquid weight is used).

- If the sensitivity deviates from the standard range, retighten the bolts of the front passenger seat taking care not to deform the seat rail. After performing this procedure, if the sensitivity is not within the standard range, replace the front seat assembly RH.
- If the zero point calibration has not finished normally, replace the front seat assembly RH.