Last modified: 24/07/2023 17:00:33

Sensor - Occupant Classification - Front Passenger's Seat - Calibration

Correction Code 20204303

> ℹ **Note**
> Any service performed on a seat assembly with an occupancy sensor must be followed by a calibration procedure.

> ℹ **Note**
> In the event of an airbag or seat belt tensioner deployment, certain airbag and seat belt components must be replaced, and other components must be inspected for damage. Refer to SRS Inspection and Component Replacement for a specific list of items that must be inspected and replaced.

Procedure

1. Set the vehicle climate control to 68 degrees F (20 degrees C).

   > ℹ **Note**
   > The cabin temperature must be approximately 68 degrees F (20 degrees C) to properly calibrate the sensor.

2. Set the RH 1st row seat heater to level 1.

3. Check that the vehicle firmware is at least 2019.40.50 or later. If it is not perform a firmware update. See Firmware Update ○ .

4. Enable service mode. See Service Mode ○ .

5. Connect a laptop with Toolbox 3 to the vehicle. See Toolbox 3 (Connect and Disconnect) ○ .

6. Unlock the vehicle gateway. See Gateway Unlock ○ .

7. Make sure that the key fob is in the vehcle and that nothing is sitting on the RH 1st row seat.

8. Depress the brake pedal and hold up on the signal stalk together for 10 seconds.

9. In Toolbox, click the **Actions/Autodiag** tab, type "OCS-CALIBRATE" in the search field, click or PROC_VCSEATP_FRONT-PASS_OCS-CALIBRATE, and then click **Run**.

10. Allow 2 minutes for the calibration rountine to complete.

> ⚠️ **CAUTION**
> Make sure that there is nothing on the RH 1st row seat.

11. Disconnect the laptop with Toolbox 3 from the vehicle. See Toolbox 3 (Connect and Disconnec ⭕ .

12. Verify that the text "PASSENGER AIRBAG OFF" is displayed in the upper right corner of the touchscreen.

13. Disable service mode. See Service Mode ⭕ .

14. Return the seat heater and climiate control to their previous settings.