 HYUNDAI Technical Service Bulletin	GROUP RECALL	NUMBER 23-01-074H
	DATE AUGUST 2023	MODEL(S) PALISADE (LX2)
SUBJECT: OCCUPANT DETECTION SYSTEM(ODS) CALIBRATION (RECALL 249)		

*** IMPORTANT**

Vehicle repairs related to safety recalls are critically important and must be performed properly in accordance with TSB procedures. Review this bulletin in its entirety prior to beginning any repair work.

As required by federal law, dealers must not deliver new vehicles for sale or for lease to customers until all open recalls have been performed. Dealers must also perform all open recalls on used vehicles, demo, and rental vehicles prior to placing them into customer use and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the “Vehicle Information” screen via WEBDCS to identify open recalls.

Description: Certain 2024 Palisade (LX2) equipped with the Calligraphy Night Edition AWD trim package and dark premium seats have an Occupant Detection System (“ODS”) that may have been improperly calibrated by the supplier. An improperly calibrated ODS may not detect the front passenger-side occupant, resulting in suppression of the passenger-side frontal airbags during a crash.

This bulletin provides the procedure to calibrate the Occupant Detection System (“ODS”) using the GDS tool.

Applicable Vehicles (Certain): 2024MY Palisade (LX2) equipped with Calligraphy Night Edition AWD trim package and dark premium seats produced from 07/04/2023 - 07/19/2023

Warranty Information:

MODEL	OP. CODE	OPERATION	OP. TIME	CAUSAL PART	NATURE	CAUSE
PALISADE (LX2)	31D100R0	ODS CAL VALUE RE-INPUT	0.3 M/H	80702-S8000	I14	ZZ3

NOTE 1: Submit claim on Claim Entry Screen as “Campaign” type.

NOTE 2: If a part is found in need of replacement while performing this recall and the affected part is still under warranty, submit a separate claim using the same repair order. If the affected part is out of warranty, submit a Prior Approval request for goodwill consideration prior to performing the work.

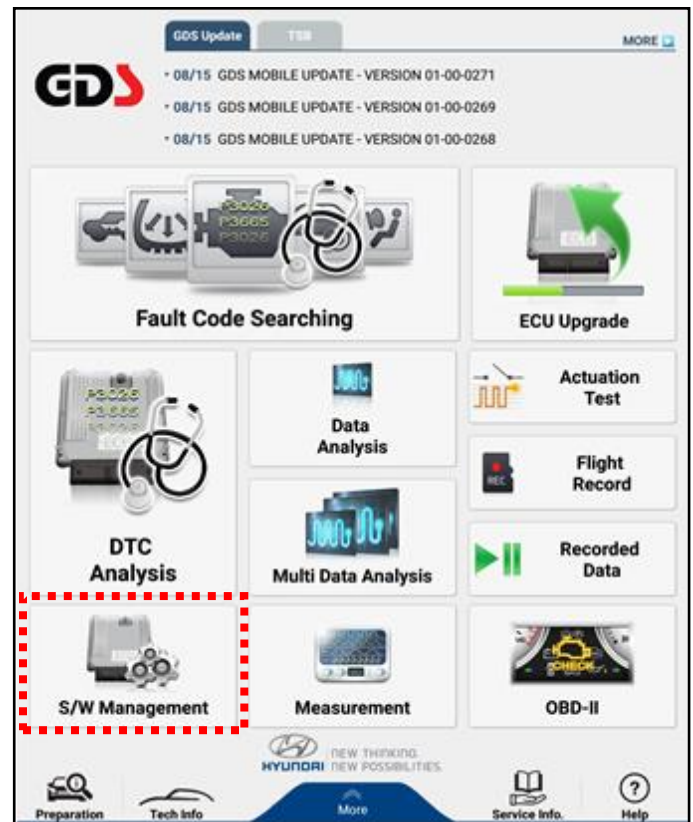
NOTE 3: This TSB includes Repair validation photos. Op times include VIN, Mileage and Repair validation photos as outlined in the Digital Documentation Policy.

Service Procedure:

STUI

This TSB includes Repair validation photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

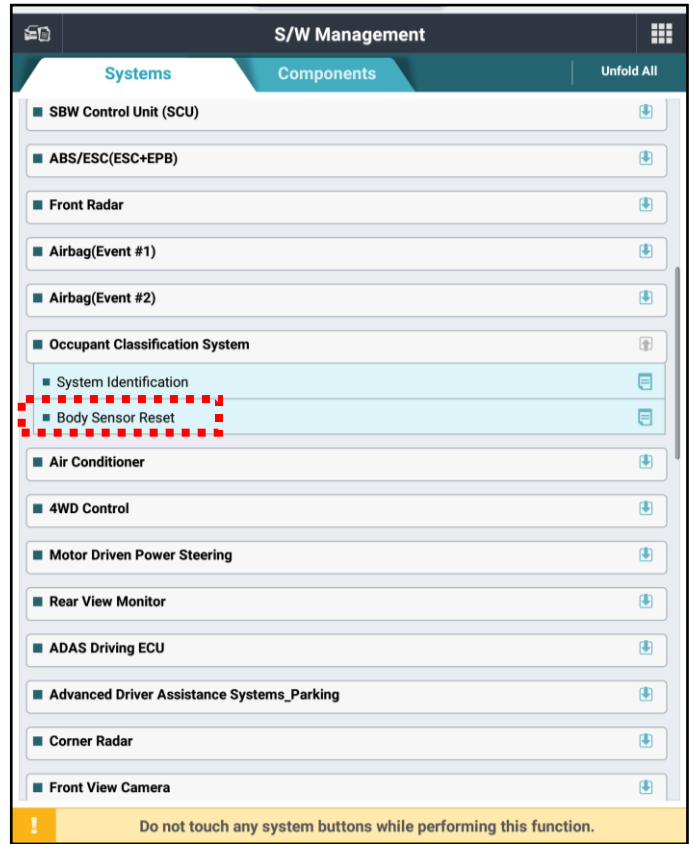
1. Connect the GDS-M to the vehicle.
2. Select **“S/W Management”**.



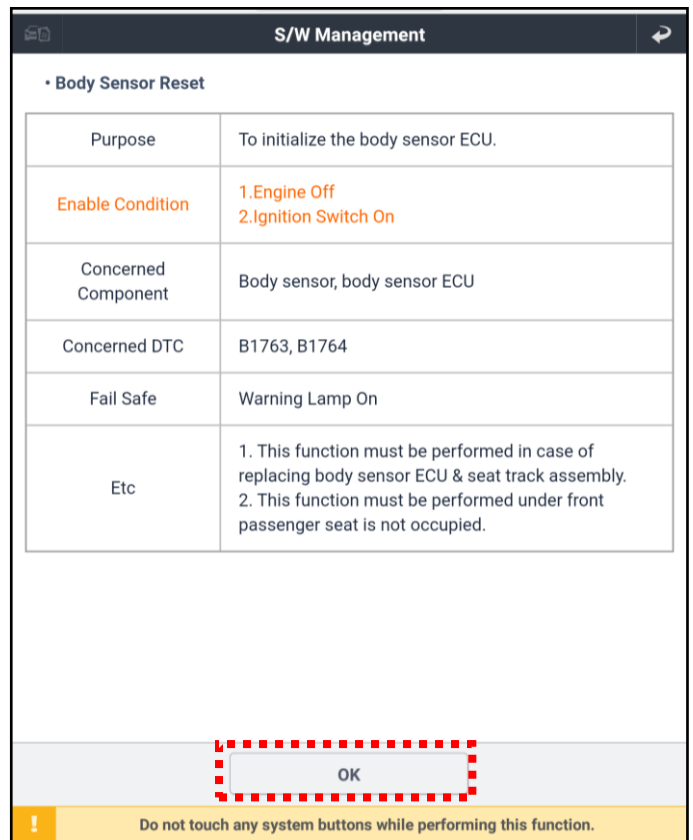
SUBJECT:

**OCCUPANT DETECTION SYSTEM(ODS) CALIBRATION
(RECALL 249)**

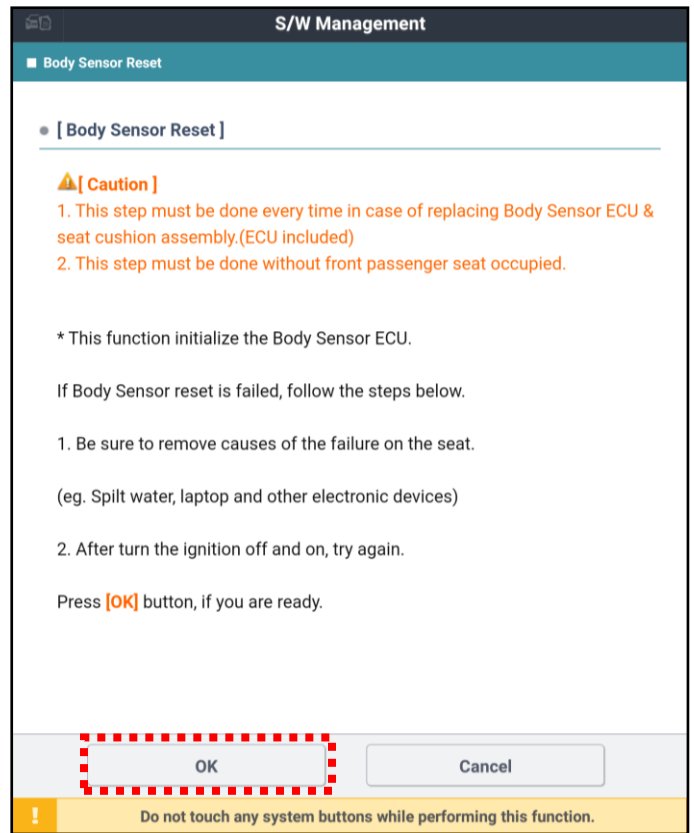
- 3. Select “Occupant Classification System” and then “Body Sensor Reset”.



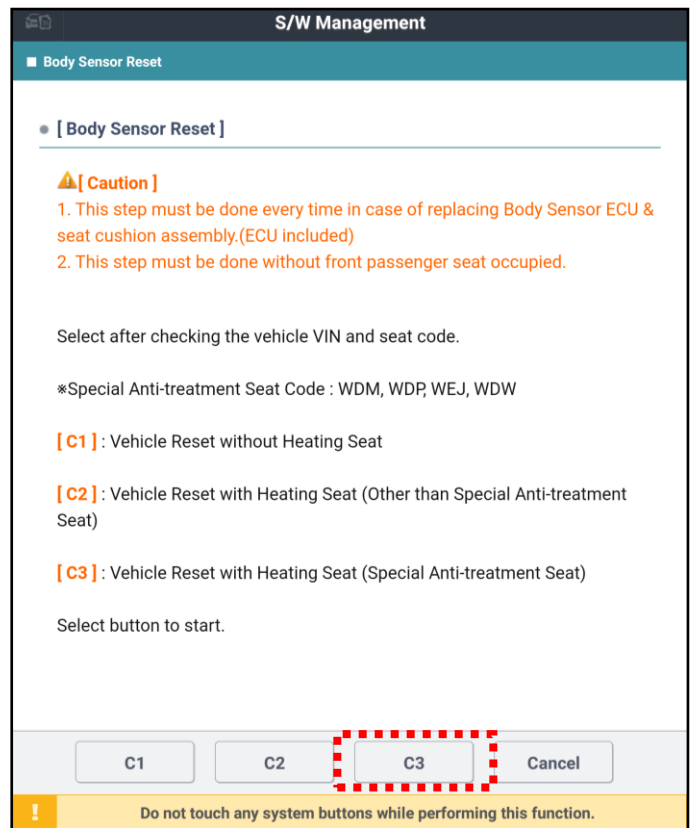
- 4. Select “OK”.



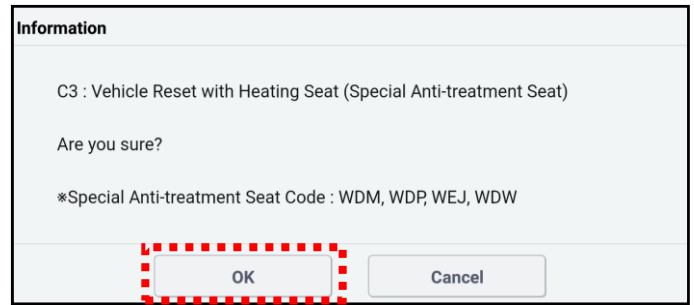
5. Select “OK”.



6. Select “C3”.



7. Select **“OK”**.



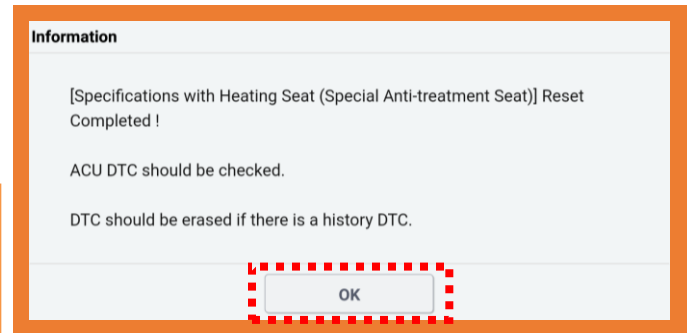
8. Calibration completed message will appear.

Take a screenshot and then select **“OK”**.

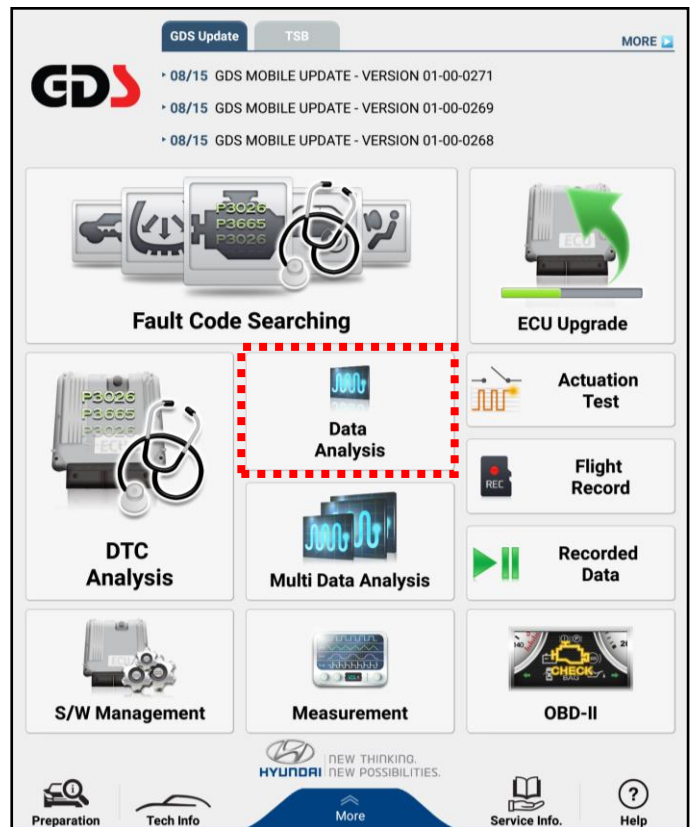
STUI



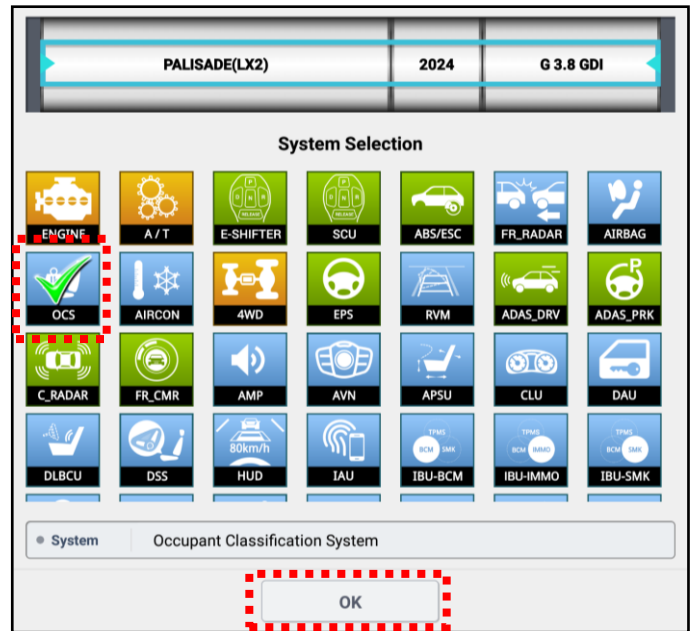
Take a screenshot of the Calibration Completed confirmation screen using your particular tablet's screenshot save method and upload to STUI.



9. Select **“Data Analysis”**.

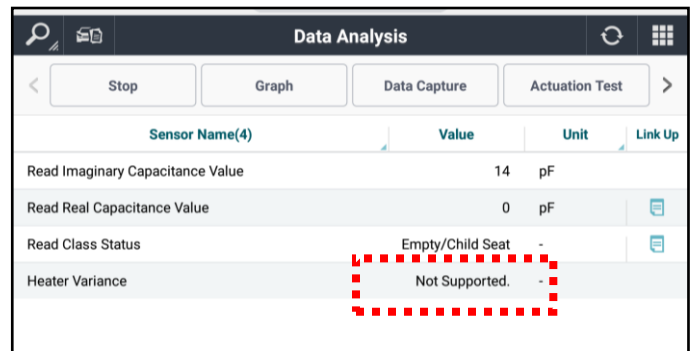


10. Select “**OCS**” and then “**OK**”.

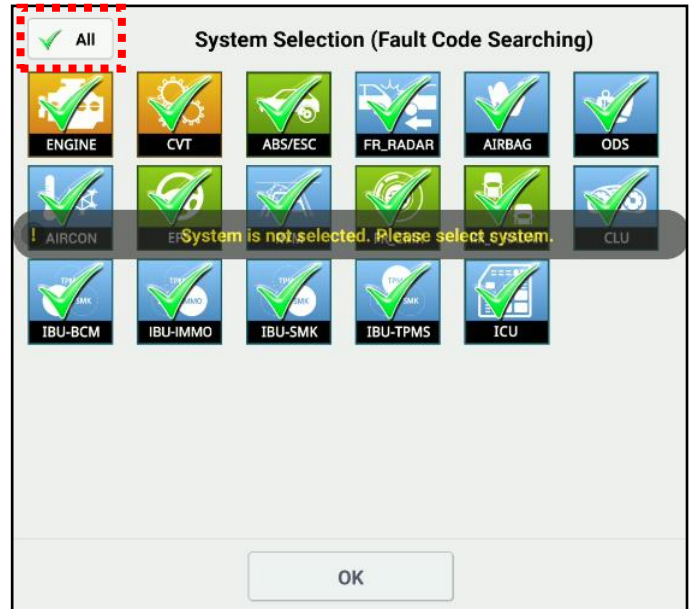


11. Confirm the Heater Variance under Value column is displayed as “**Not Supported**”.

If it is displayed as “Heater” or “Non-Heater” then perform the calibration procedure again by repeating steps 2-7.



12. Check for Diagnostic Trouble Codes in the **ALL** menus and erase any DTC.



- 13. Locate the “Passenger Air Bag” light. It should be on the Dome Lamp assembly.

Turn the ignition to ON position. The “Passenger Air Bag” light should be lit.

No Occupant In The Front Passenger Seat



- 14. Sit in the passenger front seat and confirm the “Passenger Air Bag” light turns OFF after a few seconds.

Occupant Sitting In The Front Passenger Seat

