

GROUP	NUMBER
RECALL	23-01-074H
DATE	MODEL(S)
AUGUST 2023	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	114	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.

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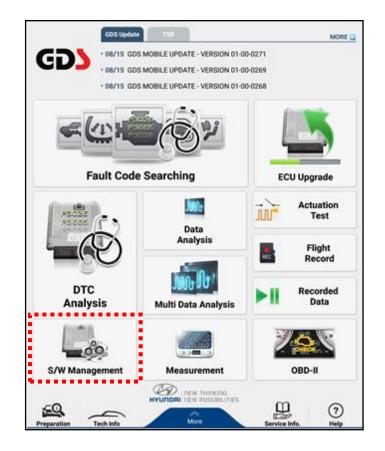
Service Procedure:

STUI

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

С

- 1. Connect the GDS-M to the vehicle.
- 2. Select "S/W Management".



3. Select "Occupant Classification System" and then "Body Sensor Reset".

50	S/W Management	
	Systems Components	Unfold All
	SBW Control Unit (SCU)	
	ABS/ESC(ESC+EPB)	
F	Front Radar	
	Airbag(Event #1)	
	Airbag(Event #2)	
	Dccupant Classification System	
	System Identification	
	Body Sensor Reset	
	Air Conditioner	
• 4	WD Control	
	Motor Driven Power Steering	
F	Rear View Monitor	
	ADAS Driving ECU	
	Advanced Driver Assistance Systems_Parking	
	Corner Radar	
F	Front View Camera	
1	Do not touch any system buttons while performing this function.	

S/W Management ₽ Body Sensor Reset Purpose To initialize the body sensor ECU. 1.Engine Off **Enable Condition** 2.Ignition Switch On Concerned Body sensor, body sensor ECU Component Concerned DTC B1763, B1764 Fail Safe Warning Lamp On 1. This function must be performed in case of replacing body sensor ECU & seat track assembly. Etc 2. This function must be performed under front passenger seat is not occupied. ок Do not touch any system buttons while performing this function.

4. Select "OK".

5. Select "OK".

6. Select "C3".

S/W Management Body Sensor Reset [Body Sensor Reset] A [Caution] 1. This step must be done every time in case of replacing Body Sensor ECU & seat cushion assembly.(ECU included) 2. This step must be done without front passenger seat occupied. * This function initialize the Body Sensor ECU. If Body Sensor reset is failed, follow the steps below. 1. Be sure to remove causes of the failure on the seat. (eg. Spilt water, laptop and other electronic devices) 2. After turn the ignition off and on, try again. Press [OK] button, if you are ready. ок Cancel Do not touch any system buttons while performing this function.

5D	S/W Management
Bo	ndy Sensor Reset
•	[Body Sensor Reset]
	▲[Caution] 1. This step must be done every time in case of replacing Body Sensor ECU & seat cushion assembly.(ECU included) 2. This step must be done without front passenger seat occupied.
	Select after checking the vehicle VIN and seat code.
	*Special Anti-treatment Seat Code : WDM, WDP, WEJ, WDW
	[C1]: Vehicle Reset without Heating Seat
	[C2] : Vehicle Reset with Heating Seat (Other than Special Anti-treatment Seat)
	[C3]: Vehicle Reset with Heating Seat (Special Anti-treatment Seat)
	Select button to start.
	C1 C2 C3 Cancel
I	Do not touch any system buttons while performing this function.

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7. Select "OK".



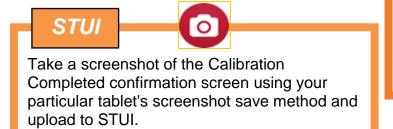
*Special Anti-treatment Seat Code : WDM, WDP, WEJ, WDW



Take a screenshot and then select "OK".

Select "Data Analysis".

9.





ACU DTC should be checked.
DTC should be erased if there is a history DTC.
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[Specifications with Heating Seat (Special Anti-treatment Seat)] Reset

Cancel

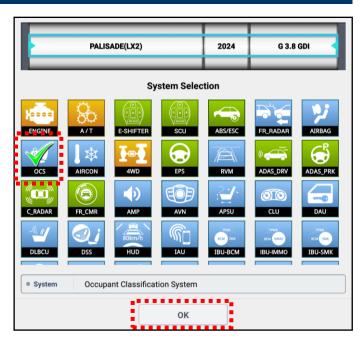
Information

Completed !

Information

ок

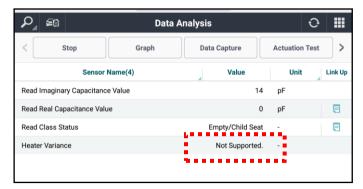
10. Select "OCS" and then "OK".

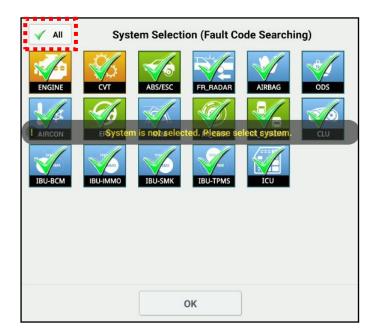


11. Confirm the Heater Variance under Value column is displayed as "**Not Supported**".

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.

SUBJECT:

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

14. Sit in the passenger front seat and confirm the "Passenger Air Bag" light turns OFF after a few seconds. No Occupant In The Front Passenger Seat



Occupant Sitting In The Front Passenger Seat

