

HYUNDAI **Technical Service Bulletin**

GROUP
BODY ELECTRICAL

NUMBER
26-BE-011H

DATE
APRIL 2026

MODEL(S)
SEE BELOW

SUBJECT: INTERMITTENT AIRBAG WARNING LIGHT & DTC B1763/B1764 -
OCS UNIT/WIRE HARNESS REPLACEMENT
(WARRANTY EXTENSION Z01)

Description: Some vehicles listed below may exhibit an intermittent airbag warning light and DTC(s) **B1763** (OCS ECU Defect), and/or **B1764** (OCS Mat Defect) may be stored.

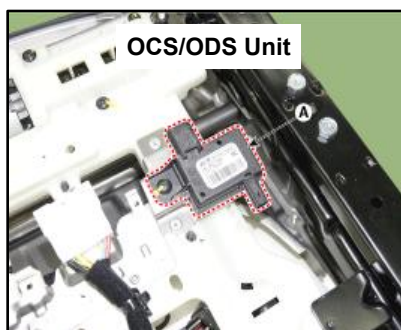
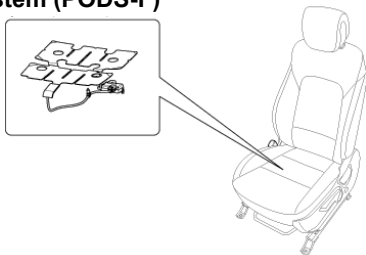
Hyundai is extending the warranty coverage of the sensor for the Occupant Classification System (OCS) / Occupant Detection System (ODS) to 18 years/unlimited mileage from the date of original retail delivery or date of first use (whichever occurs first) and is valid for original and subsequent owners. Refer to the warranty and parts information outlined in this bulletin.

This bulletin contains the procedure to inspect for the airbag warning light and DTC(s), replace the OCS (ODS) unit or wire harness, reset the OCS (ODS), and initialize the power seat module (if applicable). This TSB also contains the procedure to replace the OCS (ODS) mat if DTCs exist after replacement of the OCS (ODS) wire harness.

Information

The Occupant Detection System is also known as Passive Occupant Detection System (PODS-F).

Passive Occupant Detection System (PODS-F)



Applicable Vehicles:

Model Year	Model	Production Dates
2012 - 2017	Accent (RB)	03/23/2011 - 11/30/2017
	Azera (HG)	11/29/2011 - 12/08/2016
2013 - 2018	Santa Fe Sport (AN)	07/12/2012 - 05/10/2018
2013 - 2019	Santa Fe (NC)	12/18/2012 - 11/28/2018
2012 - 2017	Veloster (FS)	07/02/2011 - 06/30/2017

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

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Parts Information:

Model	Model Year	Part Name	Part Number
Accent (RB)	2012-2014	ODS Mat	88951-1R500QQH
	2015-2017		88951-1R600QQH
Azera (HG)	2012-2017		88951-3V700QQH
Santa Fe (NC)	2013-2019		88951-B8500QQH
Santa Fe Sport (AN)	2013-2018		88951-4Z500QQH
Veloster (FS)	2012-2014		88951-2V600QQH
	2015-2017		88951-2V700QQH
Accent (RB)	2012-2014	Wiring Assy - PODS	88951-1R727QQH
	2015-2017		88951-1R728QQH
Azera (HG)	2012-2017		88951-3V729QQH
Santa Fe (NC)	2013-2019		88951-B8491QQH
Santa Fe Sport (AN)	2013-2018		88951-4Z730QQH
Veloster (FS)	2012-2014		88951-2V726QQH
	2015-2017		88951-2V750QQH
Accent (RB)	2012-2014	Unit – ODU (PODS)	88952-1R500QQH
	2015-2017		88952-1R600QQH
Azera (HG)	2012-2017		88952-3V700QQH
Santa Fe (NC)	2013-2019		88952-B8500QQH
Santa Fe Sport (AN)	2013-2018		88952-4Z500QQH
Veloster (FS)	2012-2014		88952-2V600QQH
	2015-2017		88952-2V700QQH

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Warranty Information:

Model	Op. Code	Operation	Op. Time	Casual Part	Nature Code	Cause Code
Accent (RB) (12-14MY)	30D041R1	DTC & Warning Light Inspection & OCS (PODS-F) ECU Replacement	0.5 M/H	88952-1R500	W16	ZZ3
	30D041R2	DTC & Warning Light Inspection & OCS (PODS-F) Wire Harness Replacement	0.7 M/H			
	30D041R3	DTC & Warning Light Inspection & OCS (PODS-F) Wire Harness & Mat Replacement	1.0 M/H			
Accent (RB) (15-17MY)	30D041R4	DTC & Warning Light Inspection & OCS (PODS-F) ECU Replacement	0.5 M/H	88952-1R600		
	30D041R5	DTC & Warning Light Inspection & OCS (PODS-F) Wire Harness Replacement	0.7 M/H			
	30D041R6	DTC & Warning Light Inspection & OCS (PODS-F) Wire Harness & Mat Replacement	1.0 M/H			
Santa Fe (NC)	30D041R7	DTC & Warning Light Inspection & OCS (PODS-F) ECU Replacement	0.5 M/H	88952-B8500		
	30D041R8	DTC & Warning Light Inspection & OCS (PODS-F) Wire Harness Replacement	0.7 M/H			
	30D041R9	DTC & Warning Light Inspection & OCS (PODS-F) Wire Harness & Mat Replacement	1.0 M/H			
Santa Fe Sport (AN)	30D041RA	DTC & Warning Light Inspection & OCS (PODS-F) ECU Replacement	0.5 M/H	88952-4Z500		
	30D041RB	DTC & Warning Light Inspection & OCS (PODS-F) Wire Harness Replacement	0.7 M/H			
	30D041RC	DTC & Warning Light Inspection & OCS (PODS-F) Wire Harness & Mat Replacement	1.0 M/H			
Veloster (FS) (12-14MY)	30D041RD	DTC & Warning Light Inspection & OCS (PODS-F) ECU Replacement	0.5 M/H	88952-2V600		
	30D041RE	DTC & Warning Light Inspection & OCS (PODS-F) Wire Harness Replacement	0.7 M/H			
	30D041RF	DTC & Warning Light Inspection & OCS (PODS-F) Wire Harness & Mat Replacement	1.0 M/H			

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Warranty Information (Continued):

Model	Op. Code	Operation	Op. Time	Casual Part	Nature Code	Cause Code
Veloster (FS) (15-17MY)	30D041RG	DTC & Warning Light Inspection & OCS (PODS-F) ECU Replacement	0.5 M/H	88952-2V700	W16	ZZ3
	30D041RH	DTC & Warning Light Inspection & OCS (PODS-F) Wire Harness Replacement	0.7 M/H			
	30D041RI	DTC & Warning Light Inspection & OCS (PODS-F) Wire Harness & Mat Replacement	1.0 M/H			
Santa Fe (NC)	30D041RJ	DTC & Warning Light Inspection, OCS (PODS-F) ECU Replacement, & Power Seat Module Initialization	0.6 M/H	88952-B8500		
	30D041RK	DTC & Warning Light Inspection, OCS (PODS-F) Wire Harness Replacement, & Power Seat Module Initialization	0.8 M/H			
	30D041RL	DTC & Warning Light Inspection, OCS (PODS-F) Wire Harness & Mat Replacement, & Power Seat Module Initialization	1.1 M/H			
Santa Fe Sport (AN)	30D041RM	DTC & Warning Light Inspection, OCS (PODS-F) ECU Replacement, & Power Seat Module Initialization	0.6 M/H	88952-4Z500		
	30D041RN	DTC & Warning Light Inspection, OCS (PODS-F) Wire Harness Replacement, & Power Seat Module Initialization	0.8 M/H			
	30D041RO	DTC & Warning Light Inspection, OCS (PODS-F) Wire Harness & Mat Replacement, & Power Seat Module Initialization	1.1 M/H			
Azera (HG)	30D041RP	DTC & Warning Light Inspection, OCS (PODS-F) ECU Replacement, & Power Seat Module Initialization	0.6 M/H	88952-3V500		
	30D041RQ	DTC & Warning Light Inspection, OCS (PODS-F) Wire Harness Replacement, & Power Seat Module Initialization	0.8 M/H			
	30D041RR	DTC & Warning Light Inspection, OCS (PODS-F) Wire Harness & Mat Replacement, & Power Seat Module Initialization	1.1 M/H			

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

NOTE 2: If any part(s) not subject to this TSB are found in need of replacement while performing the repair procedure, and the affected part(s) are still under warranty, the dealer may submit a separate claim using the same repair order. If the part(s) not subject to this TSB are out of warranty coverage, the dealer has the option to submit a PA Request for goodwill consideration on a case-by-case basis.

NOTE 3: This TSB includes repair justification in the form of automatically uploaded DTC(s) via GDS e-Report at the time of diagnosis. To ensure adherence to the Digital Documentation Policy before claim submission, DTC history can be reviewed via the e-Report function within the GDS.

NOTE 4: The incident parts are subject to callback through the normal Warranty Technical Center (WTC) parts return process. **Claim is subject to debit if the part is not returned.**

Service Procedure:

DIGITAL DOCUMENTATION



This TSB includes repair justification in the form of automatically uploaded DTC(s) via GDS e-Report at the time of diagnosis.

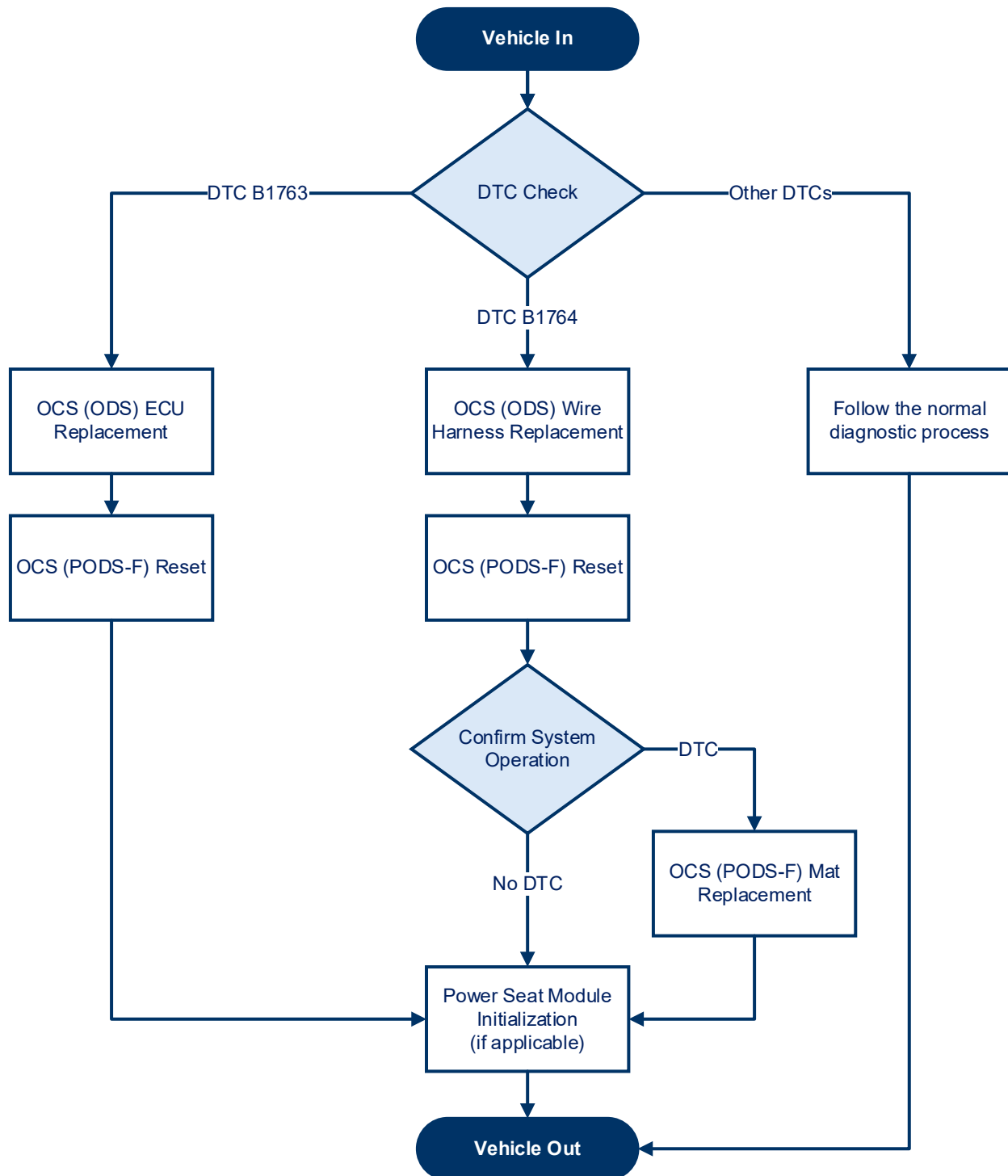
NOTICE

Applying the recommended torque to all fasteners is essential to reduce potential issues from occurring after the service procedure.

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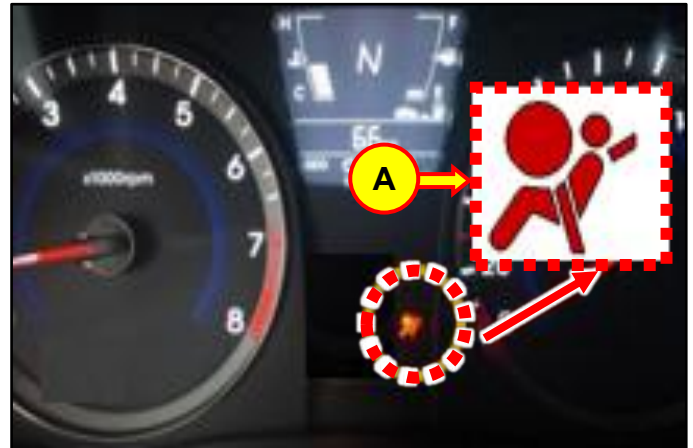
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Flowchart



DTC & Airbag Warning Light Inspection

1. Turn the ignition **ON** and inspect for an airbag warning light (A) and any accompanying DTC(s).
 - If the airbag warning light stays **ON** with one of the DTCs below:
 - **B1763:** Proceed to [OCS \(ODS\) ECU Replacement](#).
 - **B1764:** Proceed to [OCS \(ODS\) Wire Harness Replacement](#).
 - If there is **NO** airbag warning light and **NO** DTC is present, the service procedure is complete. No action is necessary.
 - If other DTCs are present, follow the normal diagnostic process. The service procedure is now complete.



OCS (ODS) ECU Replacement (DTC B1763)

1. Record customer's radio presets, if necessary, then disconnect the negative (–) battery cable.

Refer to the shop manual:

- **Engine Electrical System > Charging System > Battery > Repair procedures**

CAUTION

Wait at least **3 minutes** before beginning work after disconnecting the negative (–) battery cable.

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2. Remove the passenger side front seat assembly (A) by referring to the shop manual:

- **Body (Interior and Exterior) > Front Seat > Front Seat Assembly > Repair procedures**

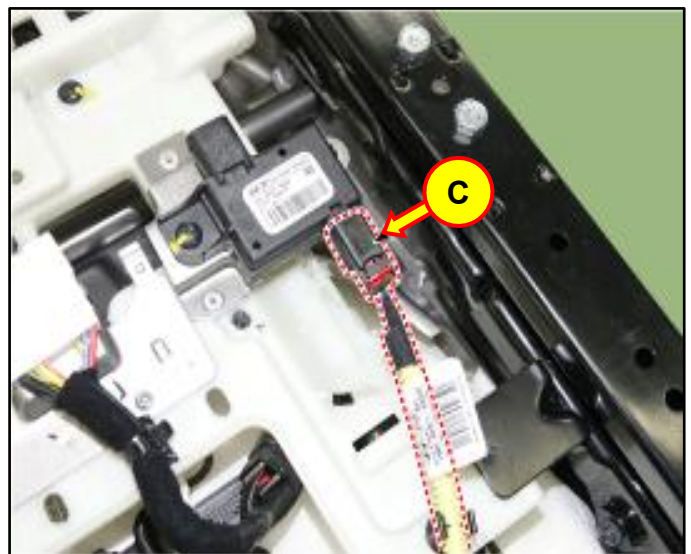


3. Remove the passenger side front seat cushion cover (B) by referring to the shop manual:

- **Body (Interior and Exterior) > Front Seat > Front Seat Cushion Cover > Repair procedures**

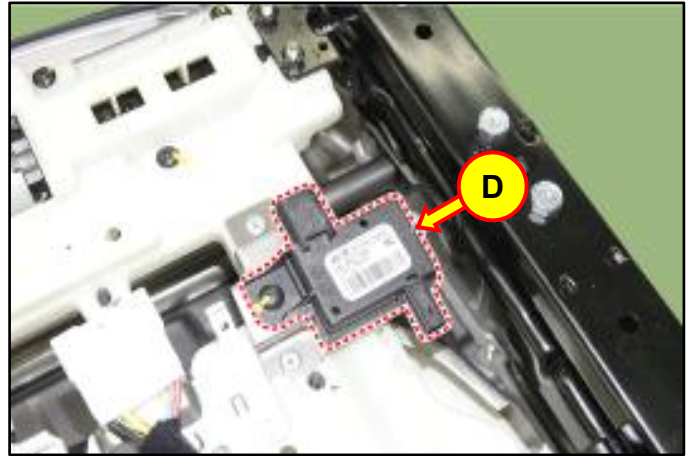


4. Disconnect the OCS (ODS) ECU connector (C).



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5. Remove the OCS (ODS) unit (D) after loosening the mounting screw.
6. Install the new OCS (ODS) unit.



7. Reinstall all parts in the reverse order of the removal process.
8. Reconnect the negative (–) battery terminal, and reset customer's radio presets, if necessary.
9. Confirm proper operation of the Occupant Classification System.
 - Turn **ON** the ignition switch.
The SRS light should come **ON** for about **6 seconds**, and then go **OFF**.
 - The airbag warning light should turn **ON** for 4 seconds and then **OFF** for **3 seconds**. The light should remain **OFF**. This indicates the passenger airbag is enabled.
 - Proceed to [OCS \(PODS-F\) Reset Procedure](#) on page 21.

OCS (ODS) Wire Harness Replacement (DTC B1764)

1. Record customer's radio presets, if necessary, then disconnect the negative (-) battery terminal.

Refer to the shop manual:

- **Engine Electrical System > Charging System > Battery > Repair procedures**

⚠ CAUTION

Wait at least **3 minutes** before beginning work after disconnecting the negative battery cable.

2. Remove the passenger side front seat assembly (A) by referring to the shop manual:
 - **Body (Interior and Exterior) > Front Seat > Front Seat Assembly > Repair procedures**

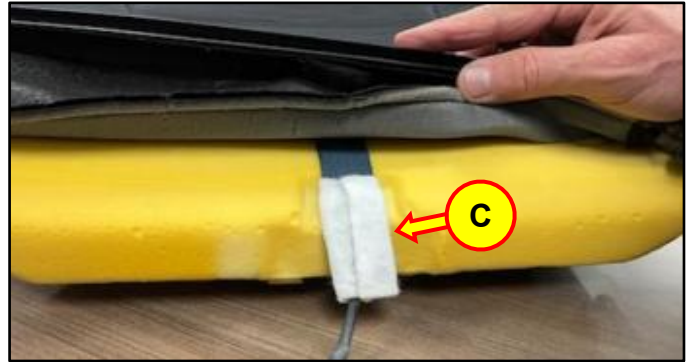


3. Remove the passenger side front seat cushion cover (B) by referring to the shop manual:
 - **Body (Interior and Exterior) > Front Seat > Front Seat Cushion Cover > Repair procedures**



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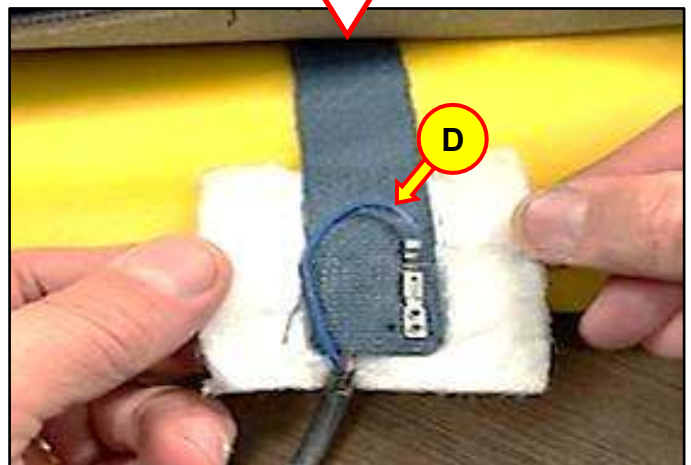
4. Pull the sensor harness through the opening in the trim, then fold over the trim to expose the felt pad (C).



5. Open the pad completely to expose the shield wire (D) of the OCS (ODS) sensor.

i Information

Peel open one side of the felt pad, then the other side, while holding the lower corner of the felt pad.



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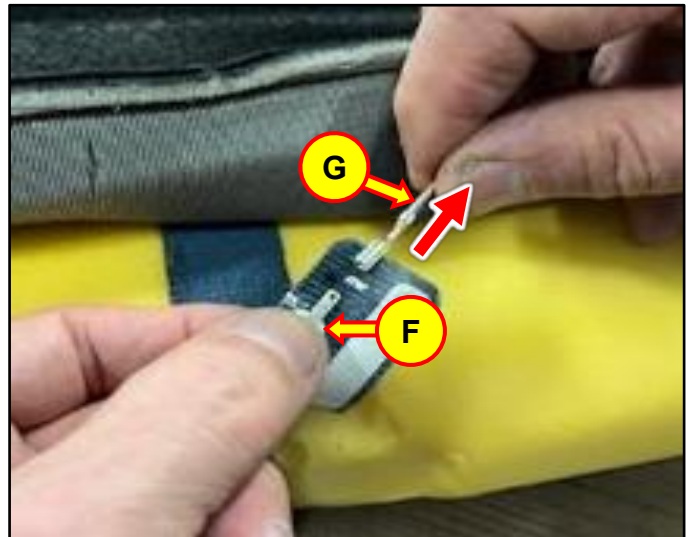
6. Grasp the sensor tail (E) with one hand and with the other hand peel off the felt pad, until it is completely removed from the sensor tail.



7. Discard the felt pad.

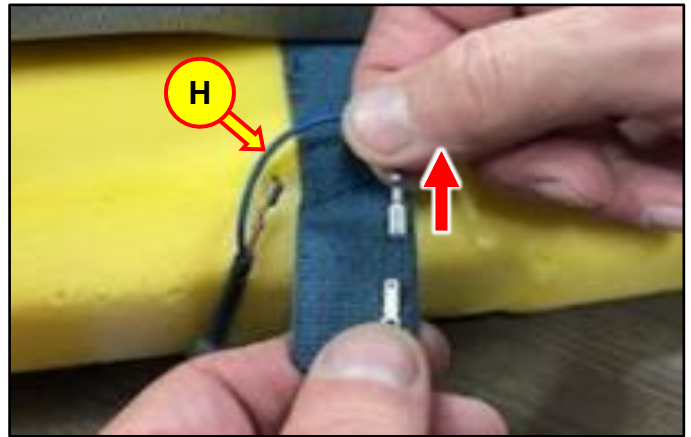


8. While firmly grasping the blade terminal eyelets (F) (covered by left hand in photo), unplug the sensor receptacle terminal (brown wire) (G) from the sensor.



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9. While firmly grasping the blade terminal eyelets, unplug the shield receptacle terminal (blue wire) (H) from the sensor.



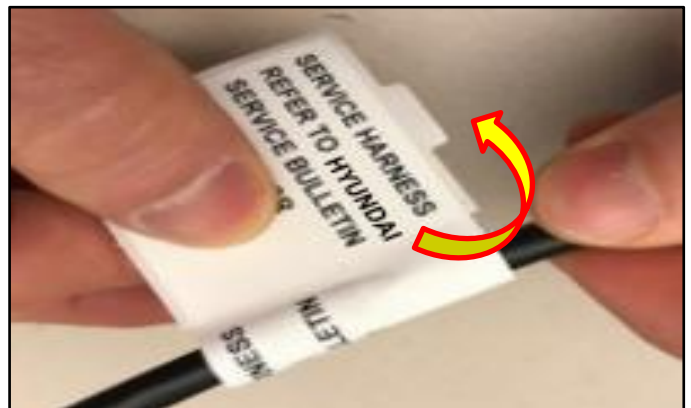
10. Cut off the label (I) from the old harness using scissors or a utility knife. Then discard the old harness.

i Information

Be sure to preserve the barcode, serial number, and part number on the cut-off label.



11. Peel the liner off the adhesive side of the new wire harness label.

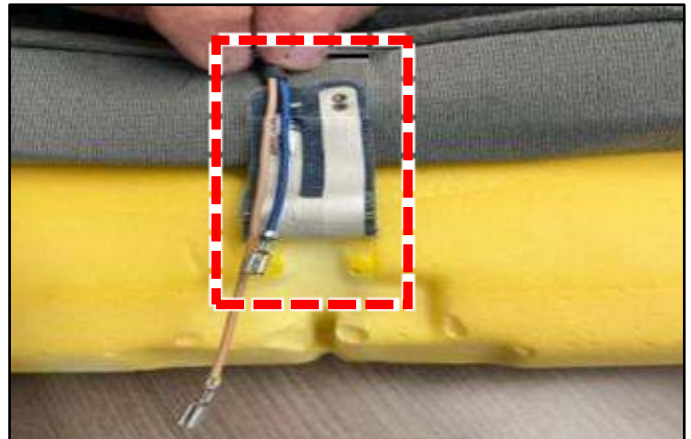


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12. Firmly adhere the old sensor label (I) to the adhesive side of the new harness label.



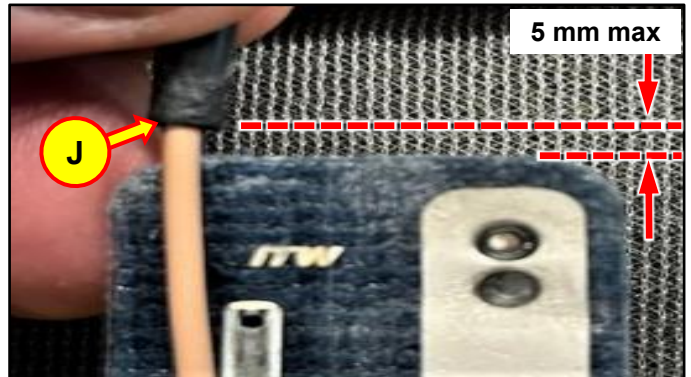
13. Temporarily position the new harness wires on the sensor tail as shown.



14. Move the blue wire to the other side so the sensor tail is between the harness wires.



15. Position the harness with a maximum space of **5 mm** between the end of the sensor tail and the start of the heat shrink tubing (J) on the brown wire.



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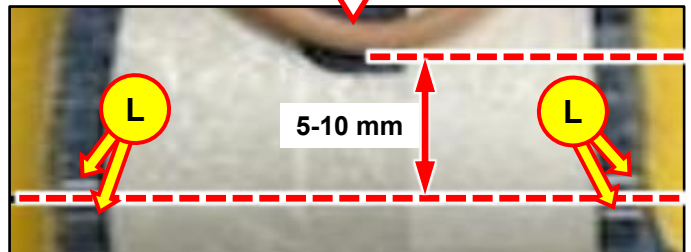
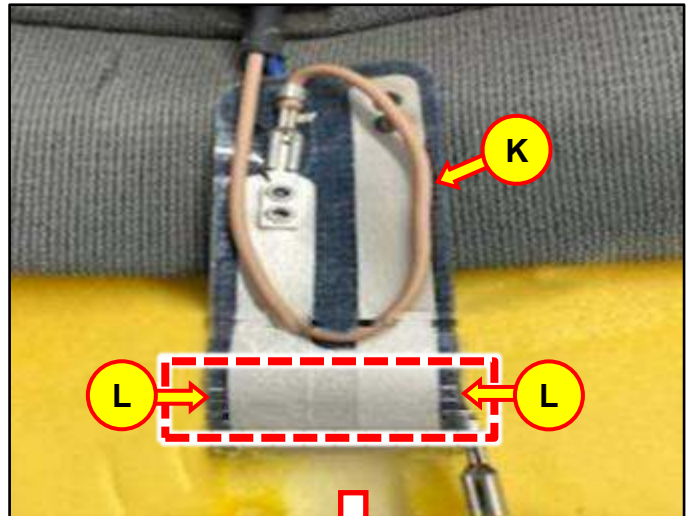
16. While firmly grasping the blade terminal eyelets, plug in the new sensor receptacle terminal (brown wire) into the sensor tail.

i Information

Push in the terminal until it is fully seated in the sensor tail.



17. Loop the brown wire (K) so the top of the loop is **5-10 mm** from the center of the felt pad alignment marks (L) and the loop is within the sensor tail outline as shown.



18. While firmly grasping the blade terminal eyelets, plug in the new shield receptacle terminal (blue wire) into the sensor tail.

i Information

Push in the terminal until it is fully seated in the sensor tail.



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19. While maintaining the shape and position of the brown wire, remove the adhesive liner from the new wire harness felt pad.
20. Center and attach the edge of the new felt pad (M) between the alignment marks on the sensor tail as shown.

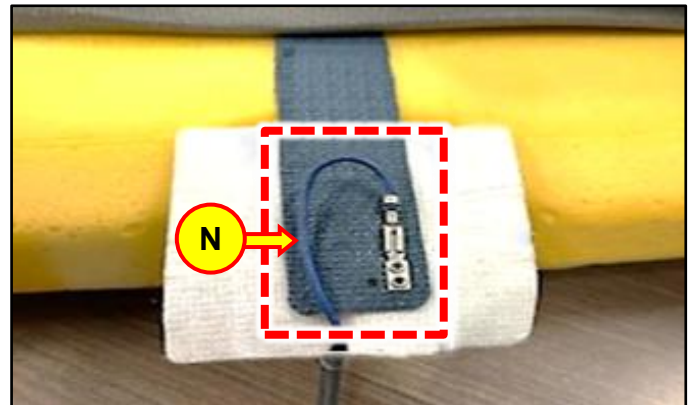


i Information

The new felt pad (M) should cover the looped brown wire, adhesive side down.



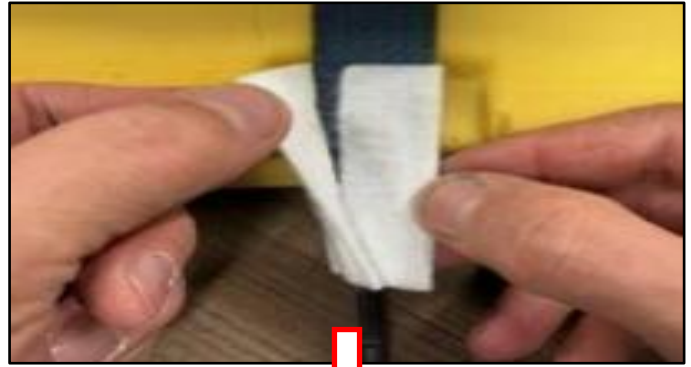
21. On the other side of the felt pad, loop the blue wire (N) within the width of the sensor tail.



22. Fold over one side of the felt pad to cover the terminal.



23. Fold over the other side of the felt pad to overlap the first fold. Press on the felt pad to ensure it is firmly adhered to the sensor tail.



24. Reinstall all parts in the reverse order of the removal process.
25. Reconnect the negative (–) battery terminal, and reset customer's radio presets, if necessary.
26. Confirm proper operation of the Occupant Classification System.
- Turn **ON** the ignition switch.
The SRS light should come **ON** for about **6 seconds**, and then go **OFF**.
 - The airbag warning light should turn **ON** for **4 seconds** and then **OFF** for **3 seconds**. The light should remain **OFF**. This indicates the passenger airbag is enabled.

27. Check for DTCs.
- If any DTCs or issues are found, proceed to [OCS \(PODS-F\) Mat Replacement](#).
 - If proper operation is confirmed, and **NO** DTCs are found, proceed to [OCS \(PODS-F\) Reset Procedure](#) on page 21.

OCS (PODS-F) Mat Replacement

1. Record customer's radio presets, if necessary, then disconnect the negative (–) battery cable.

Refer to Shop Manual:

- **Engine Electrical System > Charging System > Battery > Repair procedures**

CAUTION

Wait at least three minutes before beginning work after disconnecting the negative battery cable.

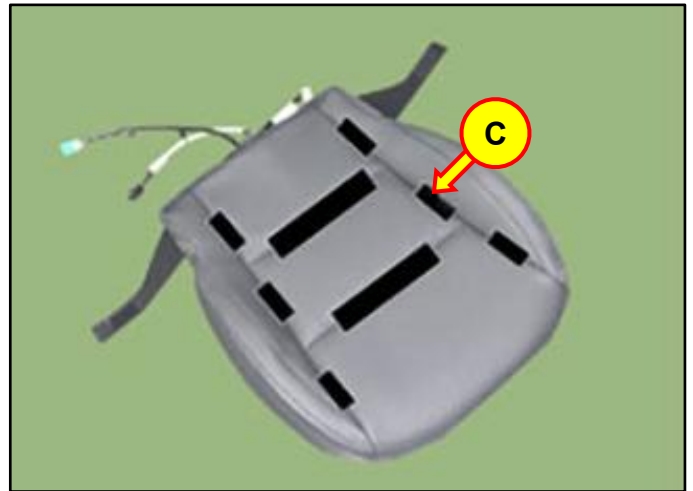
2. Remove the passenger side front seat assembly (B) by referring to the shop manual:
- **Body (Interior and Exterior) > Front Seat > Front Seat Assembly > Repair procedures**



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3. Remove the Velcro tape (C) by referring to the shop manual:

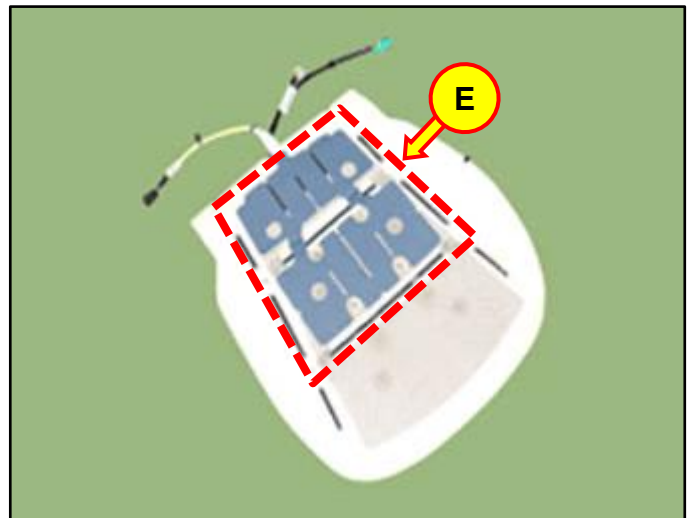
- **Body (Interior and Exterior) > Front Seat > Front Seat Cushion Cover > Repair procedures**



4. Remove the passenger side seat cushion cover (D).



5. Replace the OCS/PODS-F mat (E) with the new part.



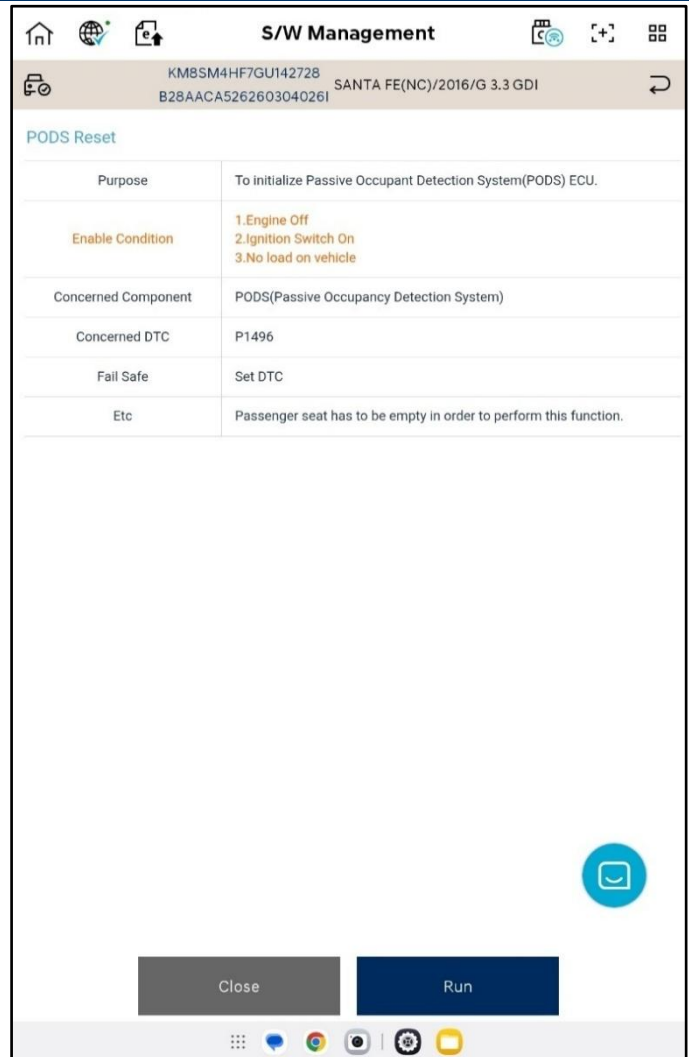
6. Reinstall all parts in the reverse order of the removal process.
7. Reconnect the negative (–) battery terminal, and reset customer's radio presets, if necessary.

8. Confirm proper operation of the Occupant Classification System.
 - Turn **ON** the ignition switch.
The SRS light should come **ON** for about **6 seconds**, and then go **OFF**.
 - The airbag warning light should turn **ON** for **4 seconds** and then **OFF** for **3 seconds**. The light should remain **OFF**. This indicates the passenger airbag is enabled.
9. Proceed to [OCS \(PODS-F\) Reset Procedure](#) on page 21.

OCS (PODS-F) Reset Procedure

1. Turn ignition **OFF**, then connect GDS.
2. Turn ignition **ON**, engine **OFF**, select **S/W Management** and then select car model.
3. Select **ODS – PODS - F** and then **PODS Reset**.
4. Perform the PODS Reset procedure according to the instructions on GDS.
5. After the procedure, erase all DTCs related to the SRSCM and the OCS (ODS) sensor unit.
6. If vehicle has a power seat, proceed to [Power Seat Module Initialization](#).

If vehicle does **NOT** have a power seat, the service procedure is complete.



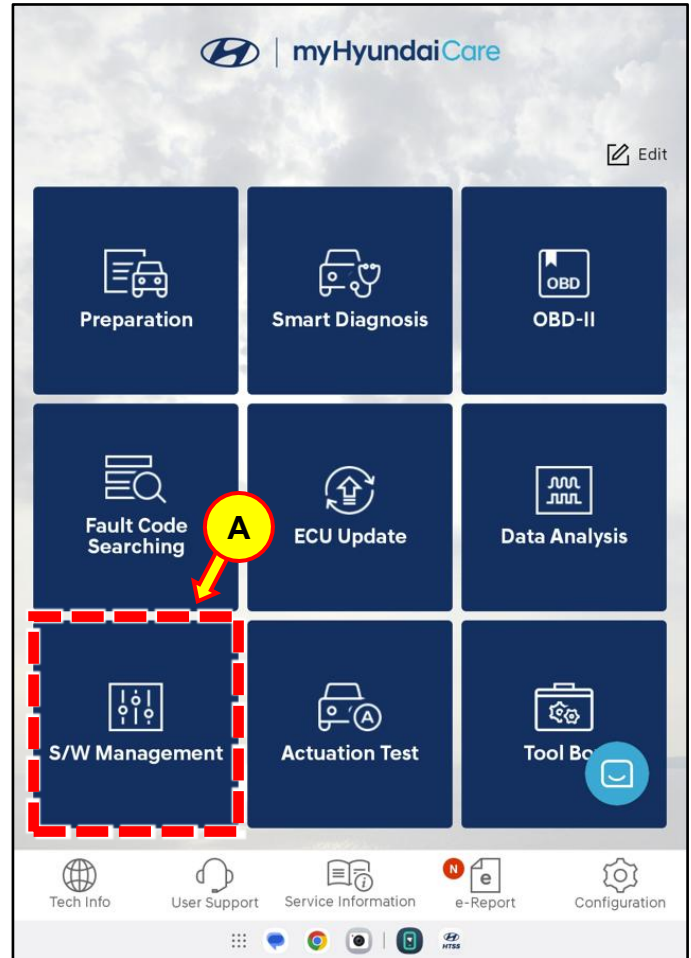
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Power Seat Module Initialization

i Information

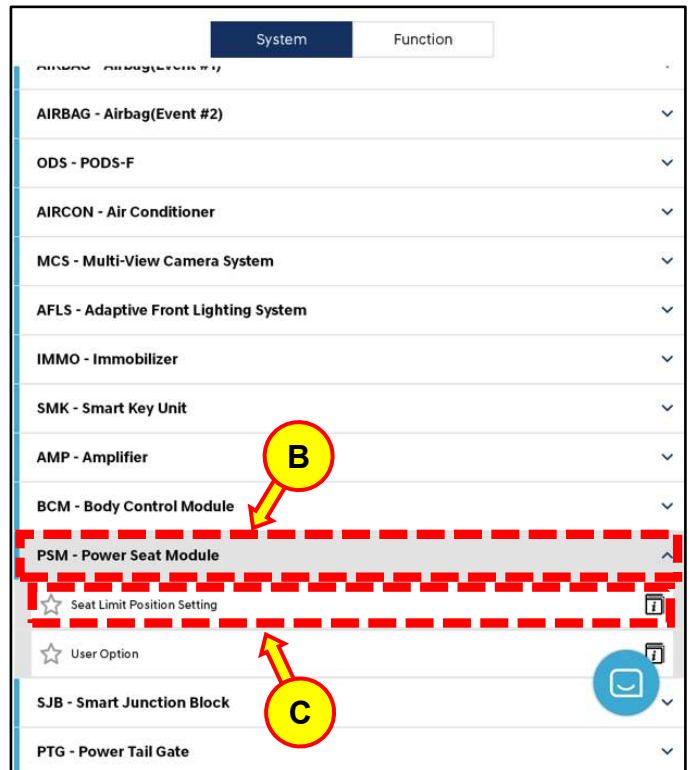
This initialization is required **ONLY** for the following vehicles with power seats: Azera (HG), Santa Fe (NC), and Santa Fe Sport (AN).

1. Connect the GDS and select **S/W Management (A)**.

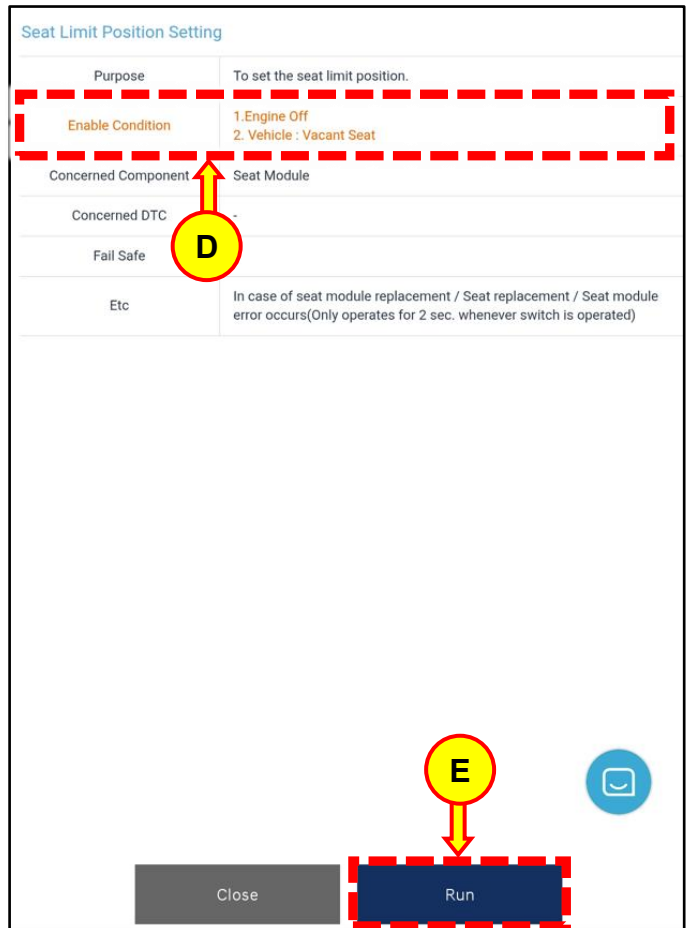


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2. Select **PSM - Power Seat Module** (B), then select **Seat Limit Position Setting** (C).



3. Verify the **Enable Condition** (D) and then select **Run** (E).



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4. Ensure the engine is **OFF** and ignition key is **ON**, then select **SET** (F).

Once initialization has finished, the service procedure is complete.

• [Seat Limit Position Setting]

This function is for seat limit position setting.

It must be done when any of cases is met as below.

1. After replacing seat module Unit
2. After replacing seat
3. Seat module Error (Only 2 second movement while pressing seat module switch)

Press the **[SET]** button to complete the limit position setting.

• [Condition]

1. Ignition ON, Engine OFF

⚠ [Caution]
This step must be done without seat occupied.

F

SET **CANCEL**