

Removal

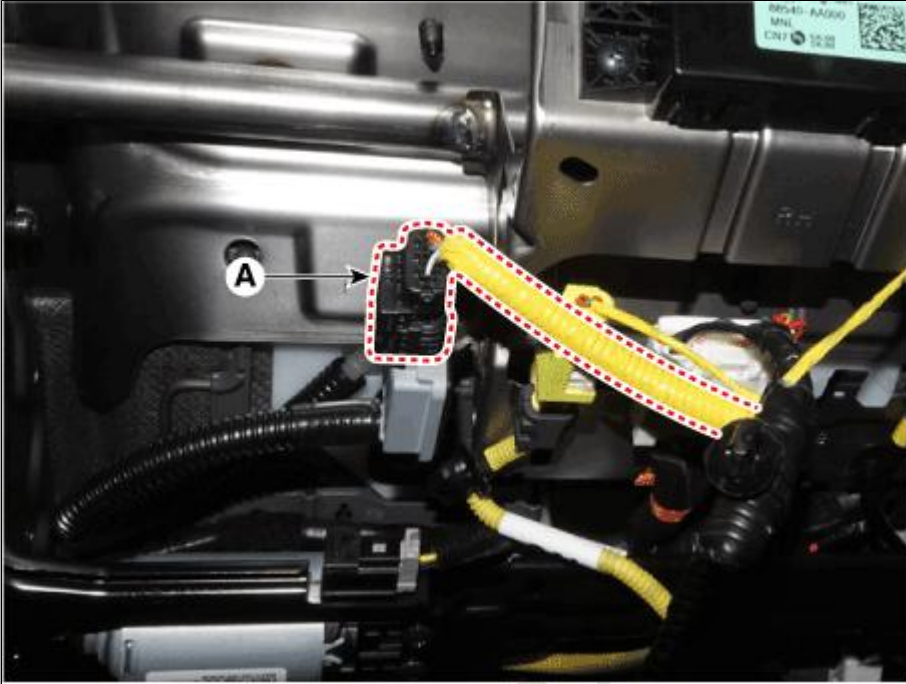
Occupant Classification System (OCS)

1. Disconnect the negative (-) battery terminal.

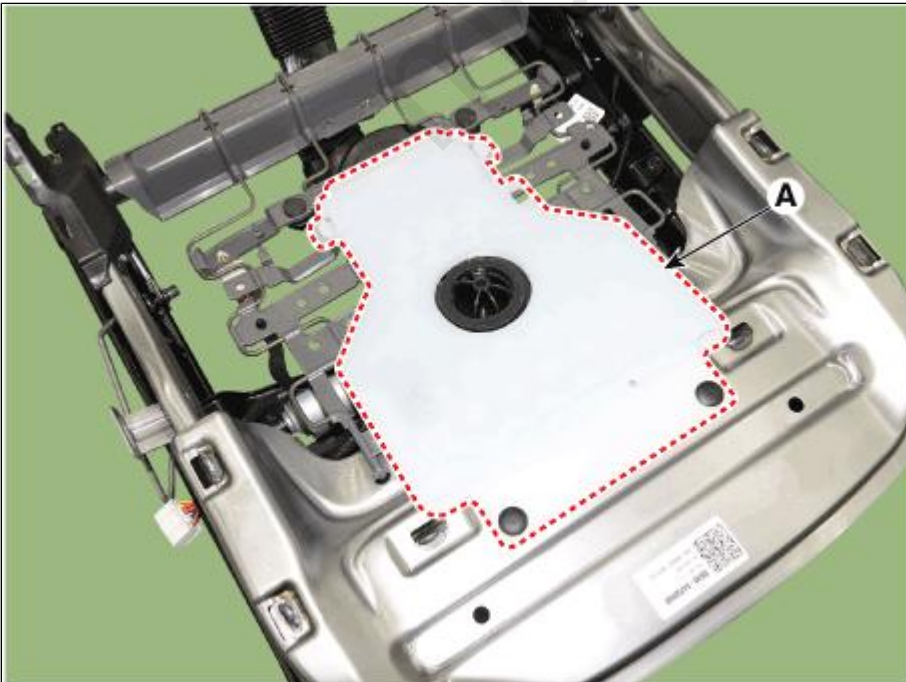
⚠ WARNING

Disconnect the battery negative cable, and wait for at least three minutes before beginning work.

2. Remove the passenger's side front seat assembly.
(Refer to Body (Interior and Exterior) - "Front Seat Assembly")
3. Remove the passenger seat cushion assembly.
(Refer to Body (Interior and Exterior) - "Front Seat Cushion Cover")
4. Disconnect occupant classification sensor unit connector (A).



5. Remove the occupant classification sensor unit (A) after removing the clip.



Installation

Occupant Classification System (OCS)

1. Install the occupant classification sensor unit in the passenger seat track assembly.
2. Connect the occupant classification sensor unit connector.
3. Install the passenger seat cushion assembly.
(Refer to Body (Interior and Exterior) - "Front Seat Cushion Cover")
4. Install the passenger's side front seat assembly.
(Refer to Body (Interior and Exterior) - "Front Seat Assembly")
5. Reconnect the battery negative (-) terminal.
6. After installing the OCS, confirm proper system operation.

NOTICE

Turn the ignition switch ON the SRS indicator should be turned on for about 6 seconds and then go off. Telltale lamp will turn on for 4 seconds and be turned off for 3 seconds. After the 7 seconds, it shall remain off if the OCS does not require suppression and the passenger airbag is enabled.
Be sure to perform OCS reset with diagnostic tool after replacing OCS equipped seat cushion.

CAUTION

After initializing the OCS sensor unit, erase DTC regarding the SRSCM and the OCS sensor unit.

[DTC Manual]

DTC Code	Code Name	Description
B1697(87)	ACU Communication Error	1. ACU message cannot be received
B1603(88)	CAN BUS OFF	1. Vehicle CAN BUS bad reception
P1680(87)	VS Communication Fault	1. Vehicle speed message cannot be received
P1681(81)	VS Message Failure	1. Recive vehicle speed error signal
B1111(17)	Ignition Voltage High	1. High voltage condition (18.1V over)
B1112(16)	Ignition Voltage Low	1. Low voltage condition (6.7V under)
B1763(00)	OCS ECU Defect	ECU internal element failure or S/W failure
B1496(54)	OCS Not Calibrated	1. Sheet factory zero adjustment process missing
B1499(07)	ALR Defect	1. ALR broken

Inspection

OCS Reset procedure

You should perform OCS Reset procedure after service or replacement about all part of the passenger seat. (Not included full seat assembly)

1. Ignition "OFF", connect GDS.
2. Ignition "ON" & Engine "OFF", select S/W Management and "Car model".
3. select OCS and "Body Sensor Reset".

S/W Management

■ Body 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.

* 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.

OK

Cancel



Do not touch any system buttons while performing this function.

4. Perform the "Body sensor reset" procedure according to the GDS screen message.

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