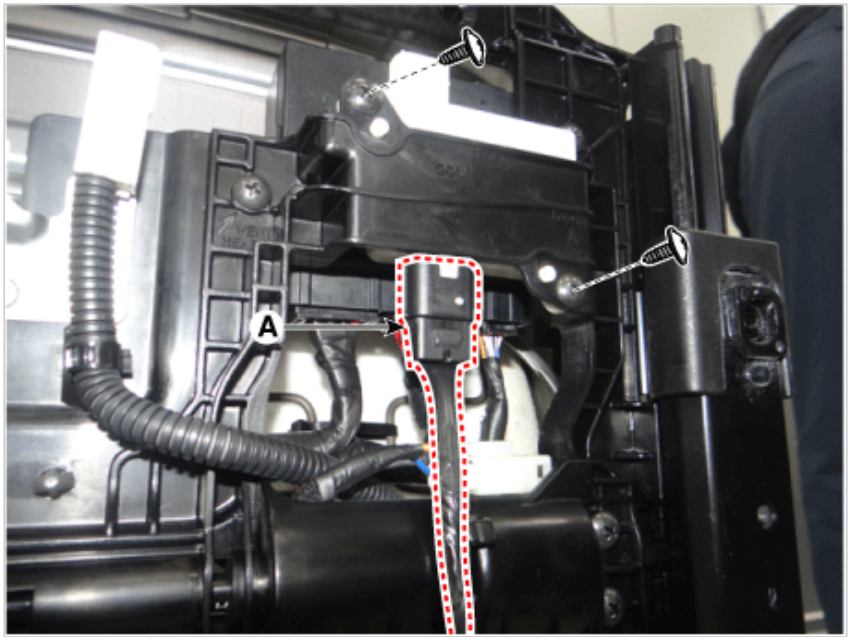
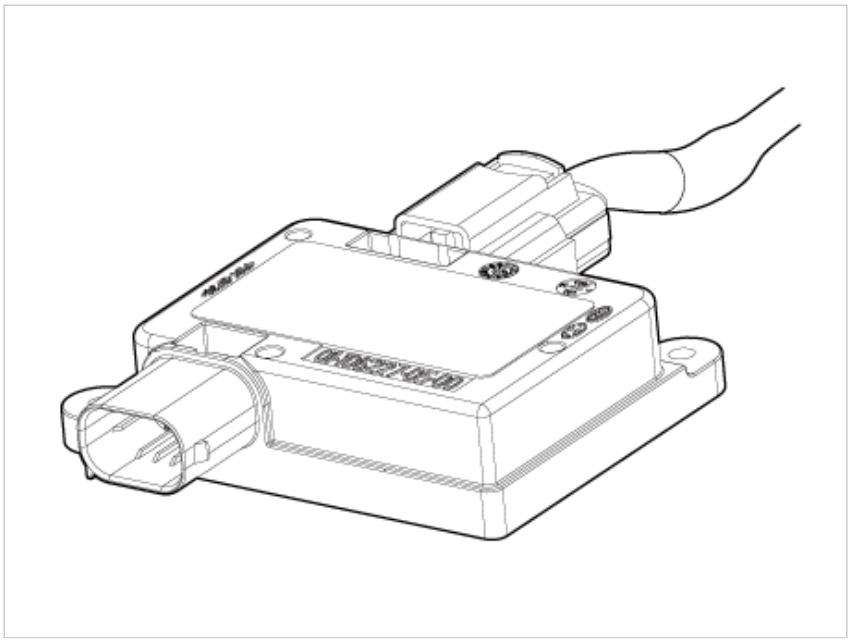
Removal

Occupant Classification System (OCS) Unit

1. Disconnect the battery negative cable, and wait for at least three minutes before beginning work.
2. Remove the front passenger seat assembly.
   (Refer to Body - "Front Seat Assembly")
3. Disconnect the occupant classification system unit connector (A).



4. Remove the occupant classification system unit (A) after loosening the mounting screws.



Occupant Classification System (OCS) Sensor

1. Disconnect the battery negative cable, and wait for at least three minutes before beginning work.
2. Remove the front passenger seat assembly.
   (Refer to Body - "Front Seat Assembly")
3. Remove the front seat cushion assembly.
   (Refer to Body - "Front Seat Cushion Cover")

Installation

Occupant Classification System (OCS) Unit

1. Install the occupant classification system unit on the Front seat track assembly.
2. Connect the occupant classification system unit connector.
3. Install the front passenger seat assembly.
   (Refer to Body - "Front Seat Assembly")
4. Reconnect the negative battery cable.
5. After installing the occupant classification system, confirm proper system operation.

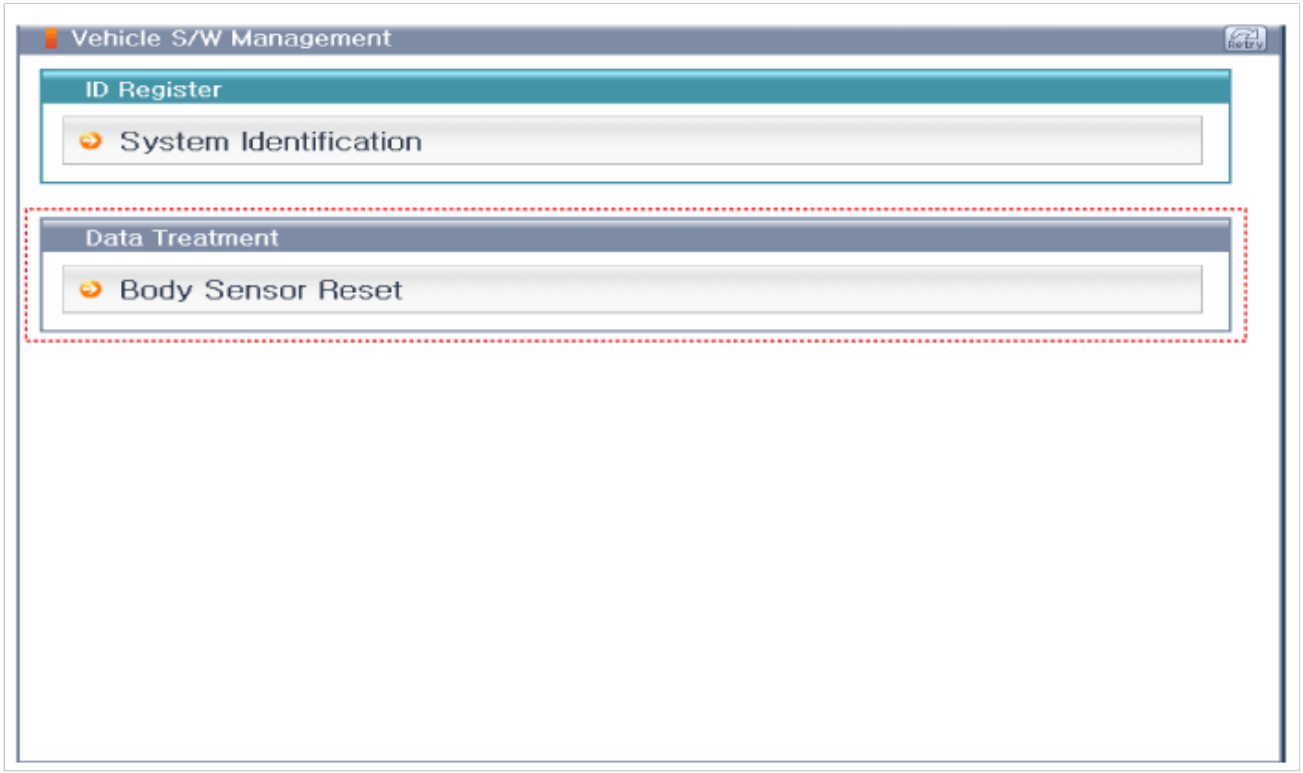
NOTICE

- Switch "ON" the ignition. The SRS indicator light should turn on for about six seconds and then off.
- The telltale lamp will be turned "ON" for 4 seconds and "OFF" for 3 seconds. Then, it will remain turned "OFF" as long as the OCS does not require suppression and the passenger airbag is enabled.
- Be sure to reset OCS with KDS after replacing OCS unit.

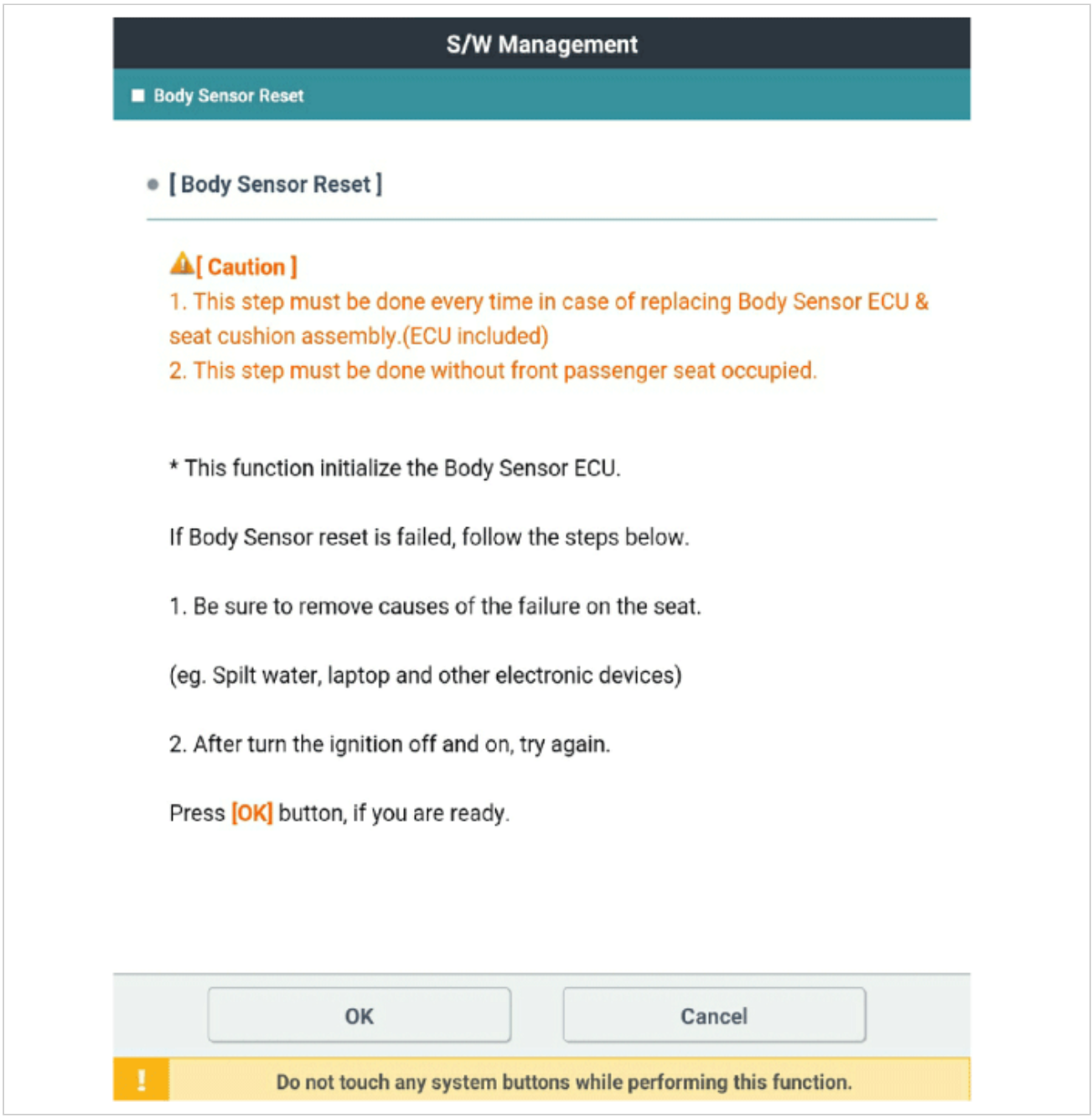
OCS Reset procedure

Reset OCS after servicing or replacing any parts of the passenger seat (that is not included in full seat assembly).

1. Switch "OFF" ignition, and connect KDS.
2. Switch "ON" ignition and "OFF" engine. Then, select "Body Sensor Reset" mode in Airbag System.



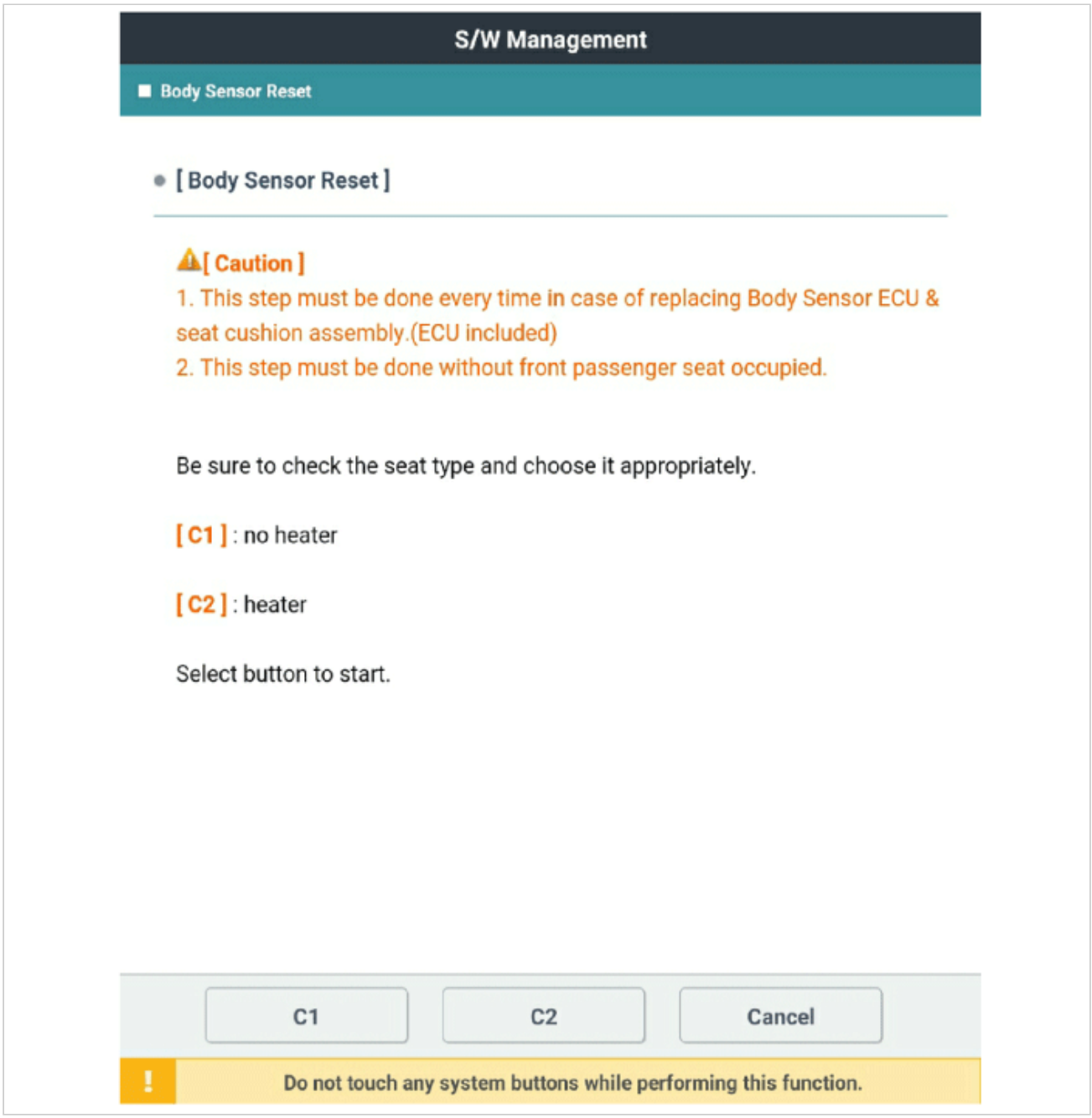
3. The KDS will indicate two steps of OCS Reset mode.
   (1) Erase OCS diagnostic codes.
   (2) Initialize OCS unit.



⚠ CAUTION

- This step must be conducted with the front passenger seat unoccupied.

4. Select product configuration.
   (1) C1 : Without seat heater
   (2) C2 : With seat heater

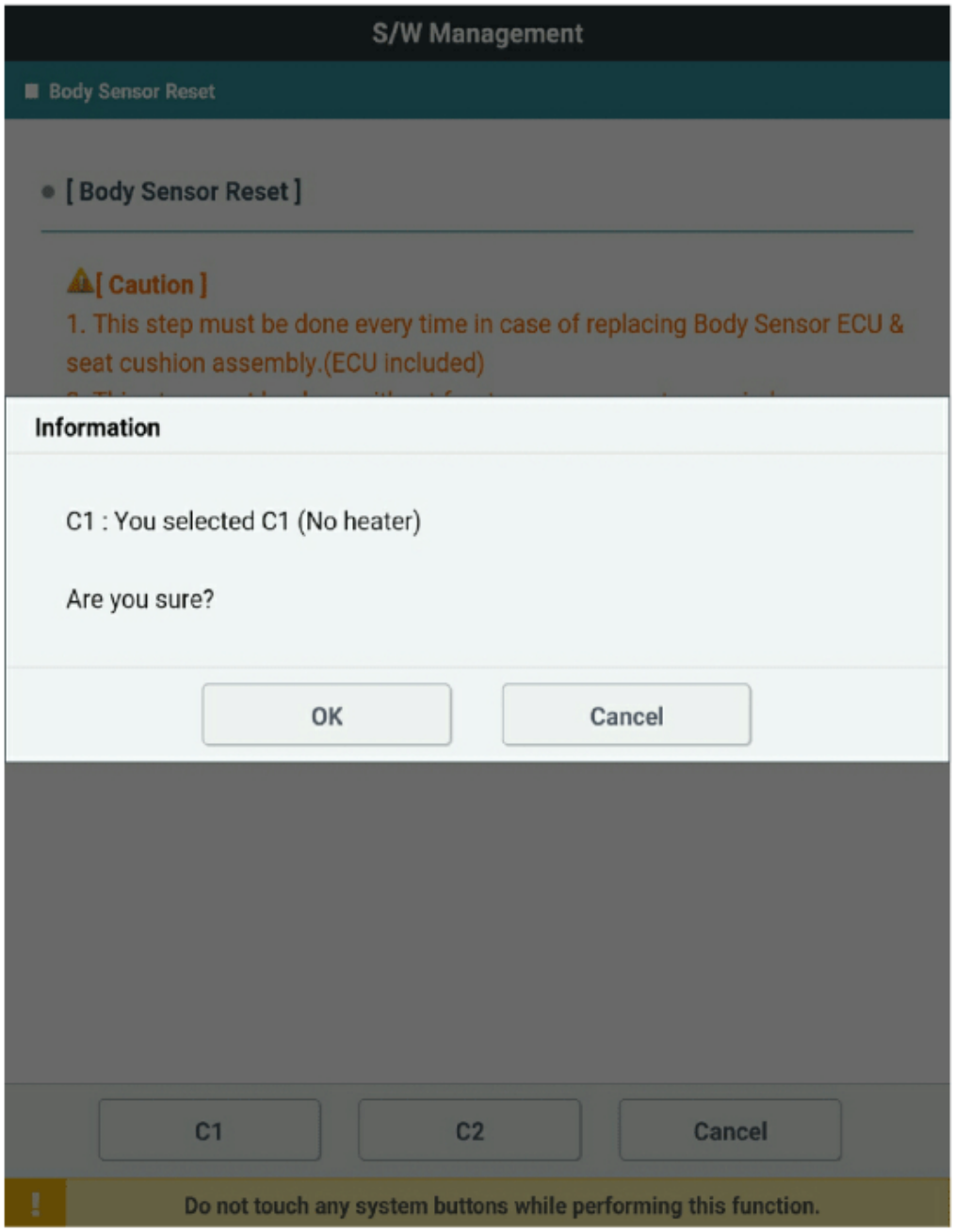


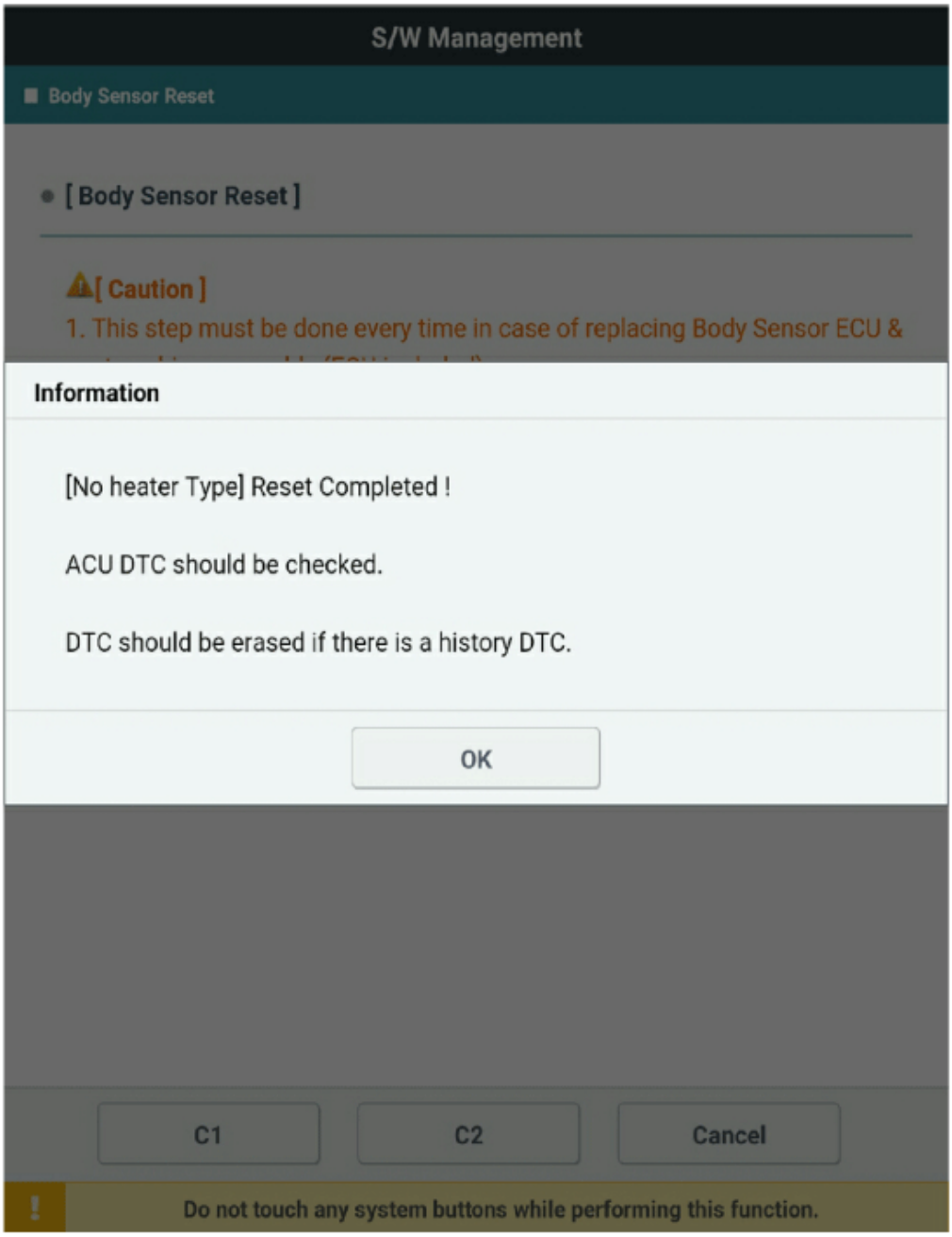
⚠ CAUTION

- Before starting the OCS Reset procedure, cross check for correct seat configuration with the actual vehicle.
- The center console has different buttons for each seat configuration type. (Refer to the following image.)

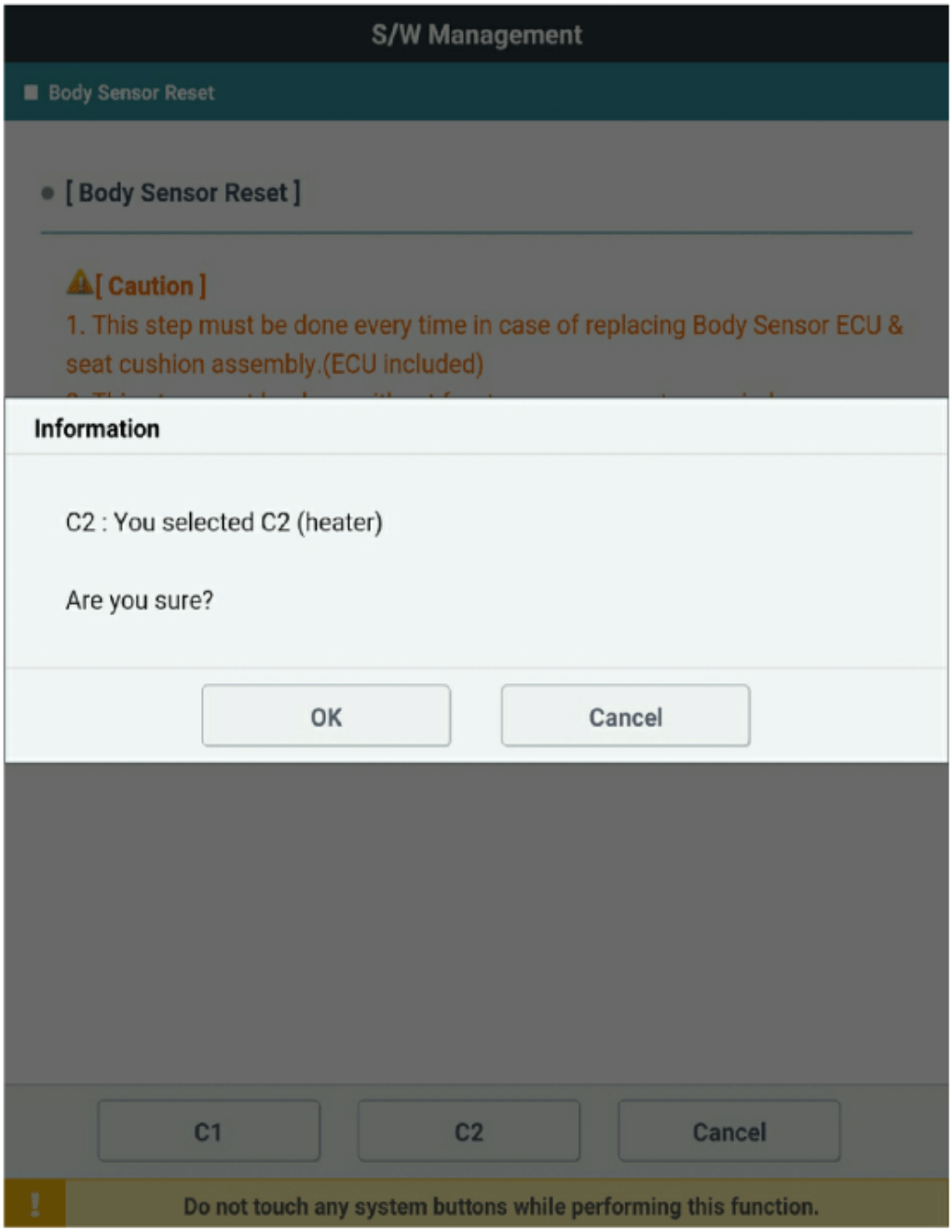
5. The OCS initialization procedure will be performed.

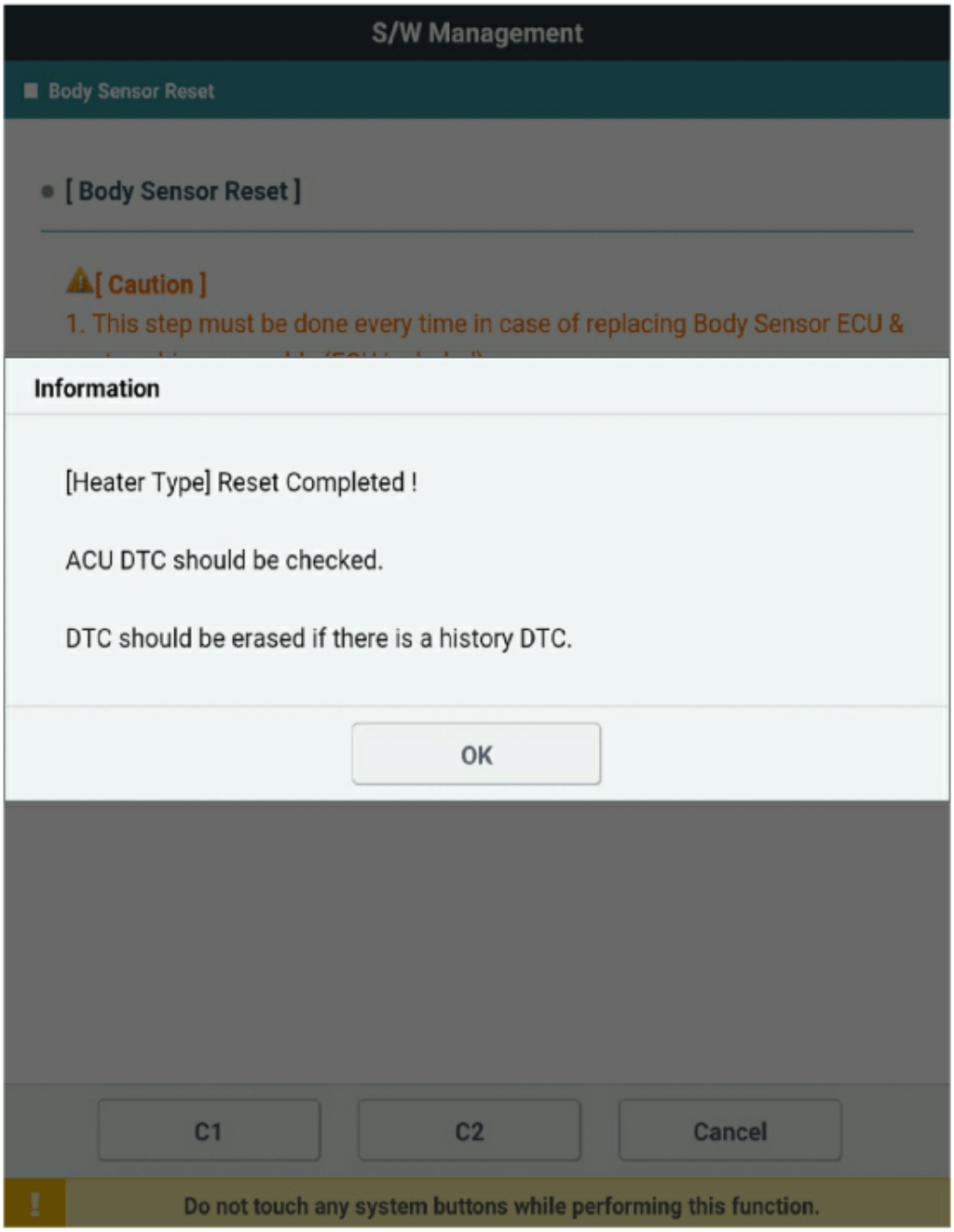
C1 : Reset No Seat Heater Type


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)
Information
C1 : You selected C1 (No heater)
Are you sure?
OK
Cancel
C1
C2
Cancel
Do not touch any system buttons while performing this function.



C2 : Heater Type Reset (Including Cooling Seat)


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)
Information
C2 : You selected C2 (heater)
Are you sure?
OK
Cancel
C1
C2
Cancel
Do not touch any system buttons while performing this function.



⚠ CAUTION

- Erase the SRSCM diagnostic codes after resetting the OCS.

DTC Code	Code Name	Description
B176300	ECU Defect	1. Resetting (calibration setting) is not completed. 2. ECU is damaged from physical stress.
B176400	MAT Defect	1. Mat and ECU are not connected . 2. Mat is damaged from physical stress.
B17672F	Algo cut-off	1. Too much humidity
B111117	IGN voltage high	1. IGN voltage high
B111216	IGN voltage low	1. IGN voltage low
B160388	CAN bus off	1. CAN Bus is not working.
B169787	ACU communication error	1. CAN Bus is not working.

		2. ACU is not working.