



Removal

1. Disconnect the negative (-) battery terminal.
2. Remove the glove box housing.
(Refer to Body - "Glove Box Housing")
3. Disconnect the blower motor connector (A) after removing the mounting clip (B).



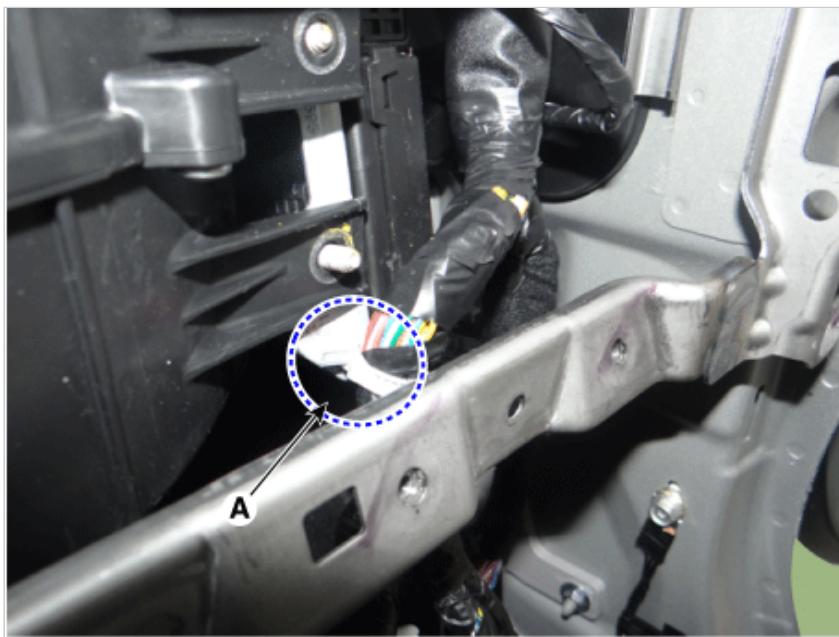
4. Disconnect the integrated body control unit connectors (A).



5. Remove the integrated body control unit (A) after loosening the mounting nuts and bolt.



6. Remove the wiring harness mounting clip (A) from the integrated body control unit.



Installation

1. Install the wiring harness mounting clip from the integrated body control unit.
2. Install the integrated body control unit.
3. Connect the integrated body control unit connectors.
4. Connect the blower motor connector and clip.
5. Install the glove box housing.
6. Connect the negative (-) battery terminal.

BCM Diagnosis With KDS

1. In the body electrical system, failure can be quickly diagnosed by using the vehicle diagnostic system (KDS).
The diagnostic system (KDS) provides the following information.
 - (1) Self diagnosis : Checking failure and code number (DTC)
 - (2) Current data : Checking the system input/output data state
 - (3) Actuation test : Checking the system operation condition
 - (4) Additional function : Controlling other features including system option setting and zero point adjustment

2. Select the "Car model" and the "Integrated body control unit (IBU)" to be checked in order to check the vehicle with the tester.
3. Select the "Current Data" menu to search the current state of the input/output data.
4. To forcibly actuate the input value of the module to be checked, select option "Actuation Test".
5. If you want to change user option, select "User Option".

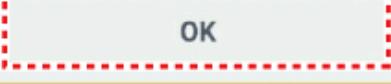
The screenshot shows the KIA Global Information System (KGIS) software interface for Software Management. The top navigation bar includes 'S/W Management', 'Systems' (selected), 'Components' (highlighted in blue), and 'Unfold All'. The main list displays various vehicle modules:

- Active Hood System
- E-Shifter
- Amplifier
- Cluster Module
- Driver Door Module
- Head Up Display
- IBU-BCM**
 - System Identification
 - User Option
- IBU-SMK
- IBU-TPMS
- Power Seat Module
- Power Tailgate Module
- Steering Column Module
- Wireless Power Charger System
- ICU (CGW)-Gasoline

A red dashed box highlights the 'User Option' entry under the IBU-BCM module. At the bottom, a yellow bar contains a warning message: **Do not touch any system buttons while performing this function.**

S/W Management**• User Option**

Purpose	To check and allow users to configure the system.
Enable Condition	1.Engine Off 2.Ignition Switch On
Concerned Component	Body Electronic Control Modules (BCM, PSM, SCM, DDM, SJB, PSD)
Concerned DTC	-
Fail Safe	-
Etc	User can set the supported convenience function of vehicle.

OK

Do not touch any system buttons while performing this function.

S/W Management

■ User Option

● [User Option]

[Data Write]

1. Select the item to modify.

2. Select the value in combo box.

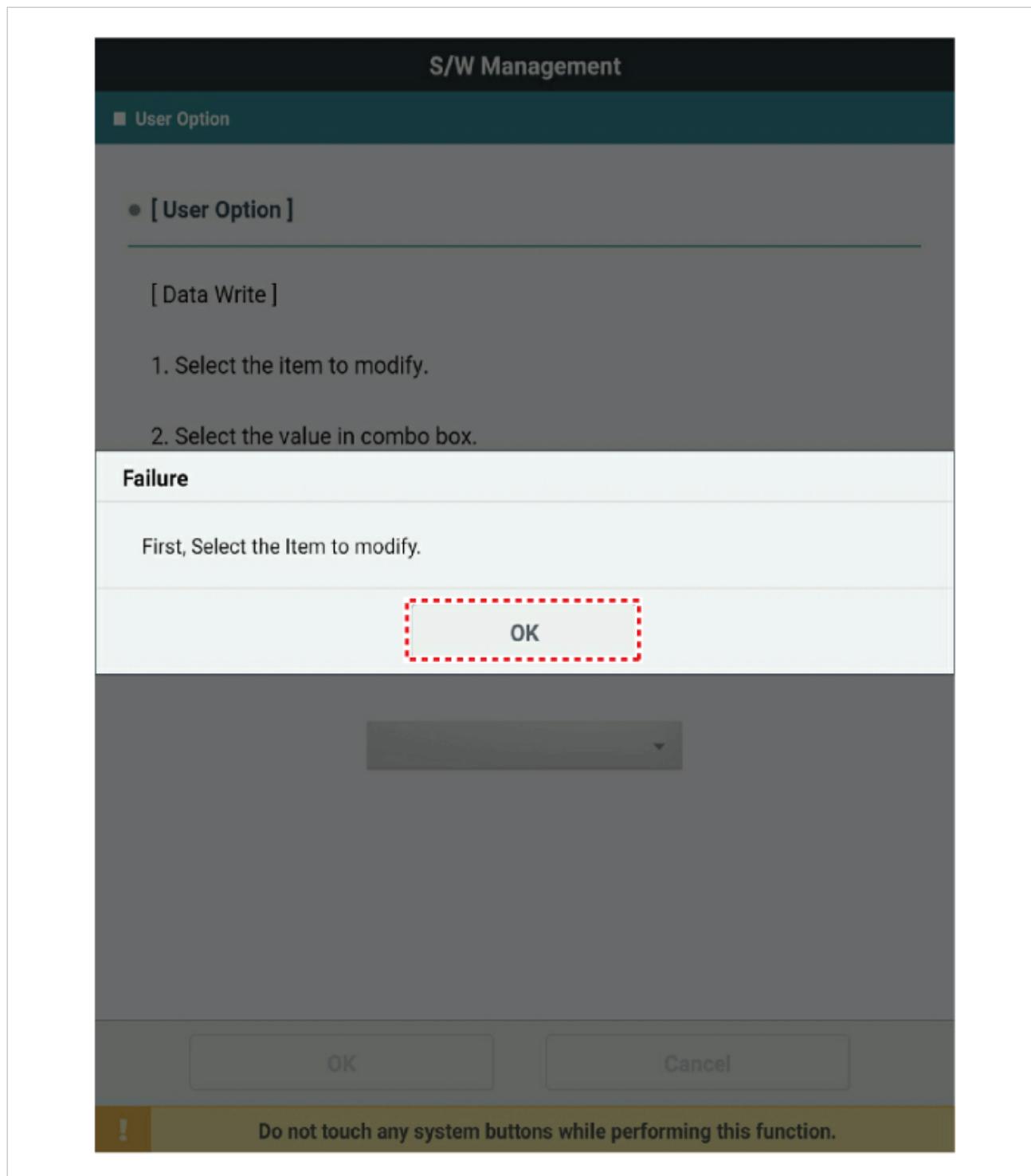
3. Press **OK** button.

ITEM	VALUE
<input type="checkbox"/> Head Lamp Escort	ENABLE

▼

OK Cancel

! Do not touch any system buttons while performing this function.



S/W Management

User Option

[User Option]

[Data Write]

1. Select the item to modify.
2. Select the value in combo box.
3. Press **OK** button.

ITEM	VALUE
<input checked="" type="checkbox"/> Head Lamp Escort	ENABLE

ENABLE ▾

OK **Cancel**

! Do not touch any system buttons while performing this function.