



Inspection

Diagnosis With KDS

1. The body electrical system can be quickly diagnosed for failed parts by using vehicle diagnostic system (KDS).
The diagnostic system (KDS) provides the following information.
 - (1) Self diagnosis : Checks and displays the failure code (DTC)
 - (2) Current data : Checks the system input/output data state
 - (3) Actuation test : Checks the system operating condition
 - (4) Additional function : Other controls such as the system option and zero point
2. Select the "Car model" and the system to be checked in order to check the vehicle with the tester.
3. Select the "Driver seat or Assistant seat door module (DDM/ADM)" to check the driver seat or assistant door module (DDM/ADM).
4. Select the "Current Data" menu to search the current state of the input/output data.
The input/output data for the sensors corresponding to the driver seat or assistant door module(DDM/ADM) can be checked.
5. If you will check the power door lock operation forcefully, select "Actuation test".

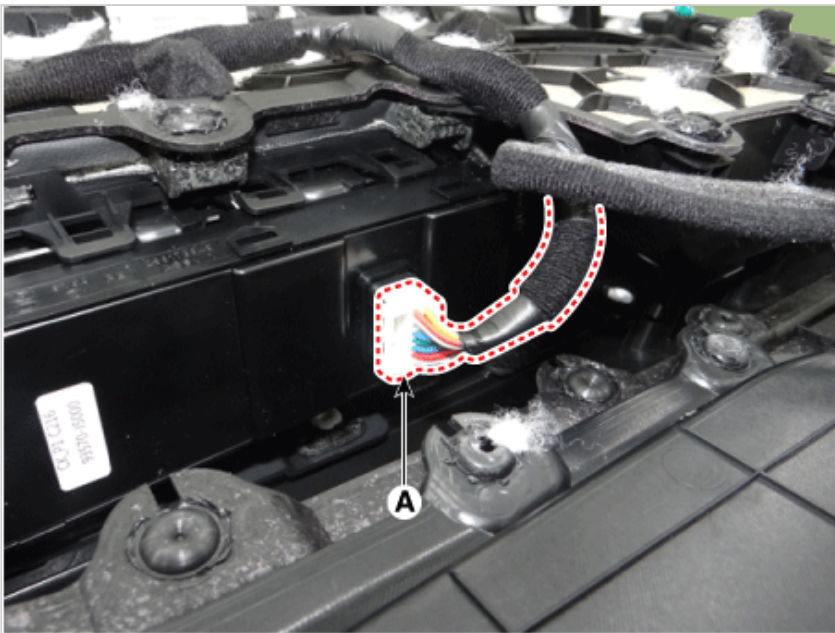
Removal

Driver Power Window Switch

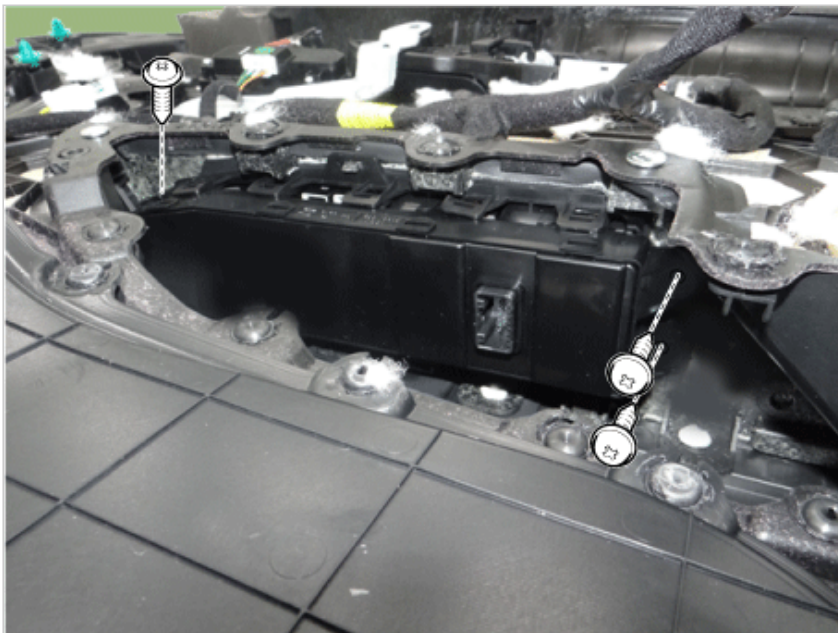
⚠ CAUTION

- When removing with a flat-tip screwdriver or remover, wrap protective tape around the tools to prevent damage to components.
- When removing the interior trim pieces, use a plastic panel removal tool not to damage the surface.
- Be careful to store and handle the trim when removing/installing because lubricant and oil can leave a stain on the trim.

1. Disconnect the negative (-) battery terminal.
2. Remove the driver front door trim.
(Refer to Body - "Front Door Trim")
3. Disconnect the power window switch connector (A).



4. Remove the power window switch (A) after loosening the mounting screws.

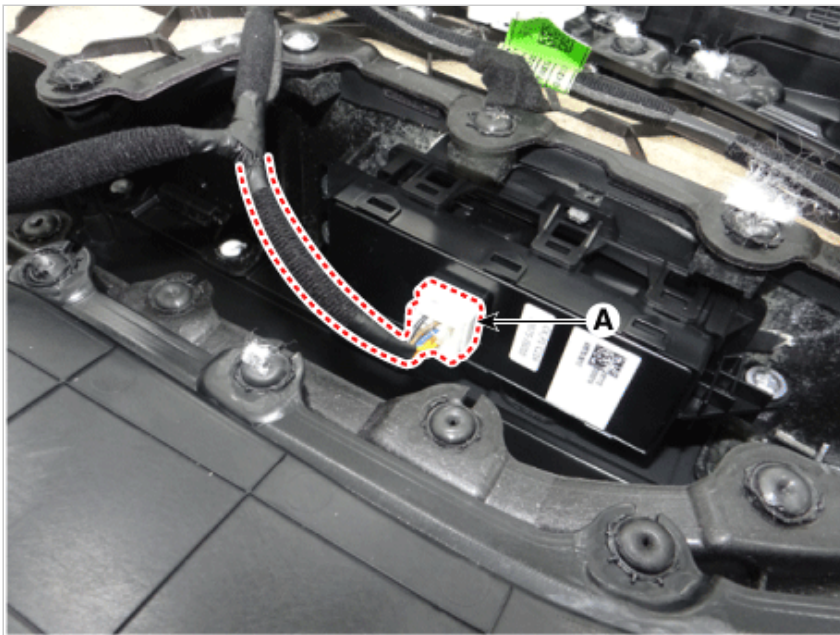


Assist Power Window Switch

⚠ CAUTION

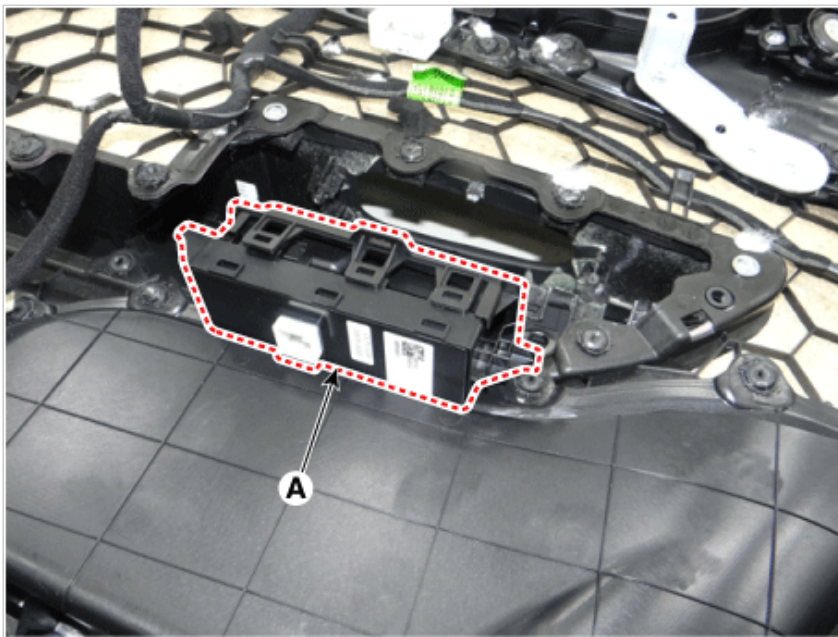
- When removing with a flat-tip screwdriver or remover, wrap protective tape around the tools to prevent damage to components.
- When removing the interior trim pieces, use a plastic panel removal tool not to damage the surface.
- Be careful to store and handle the trim when removing/installing because lubricant and oil can leave a stain on the trim.

1. Disconnect the negative (-) battery terminal.
2. Remove the assist front door trim.
(Refer to Body - "Front Door Trim")
3. Disconnect the power window switch connector (A).



4. Remove the power window switch (A) after loosening the mounting screws.





Rear Power Window Switch

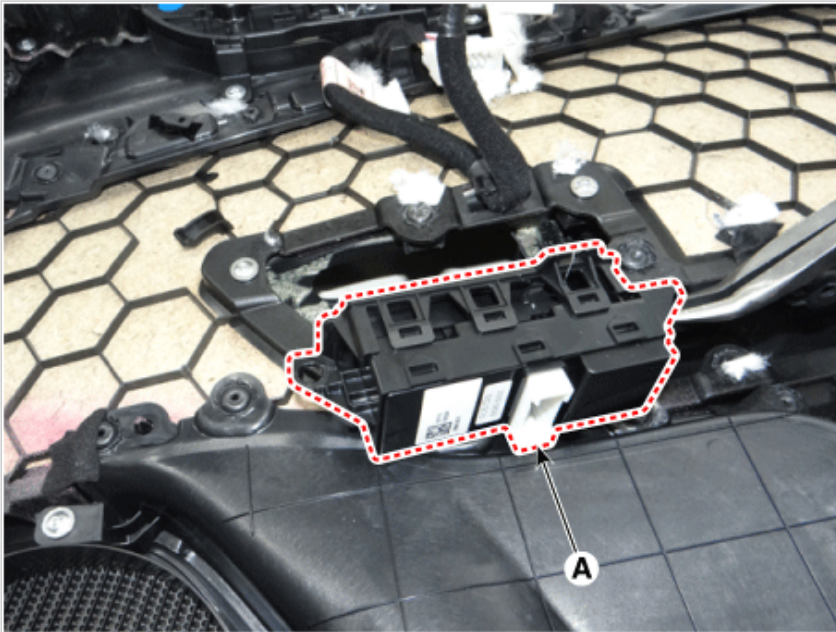
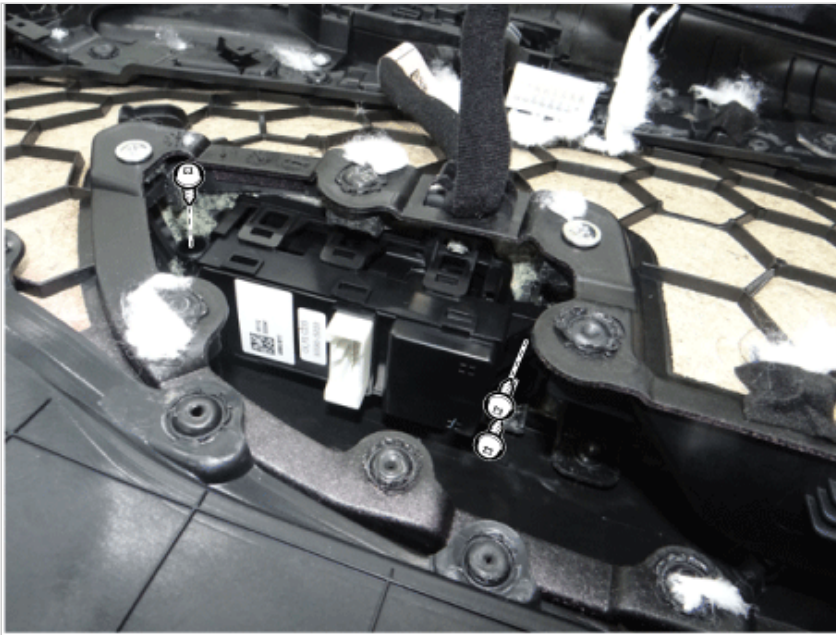
⚠ CAUTION

- When removing with a flat-tip screwdriver or remover, wrap protective tape around the tools to prevent damage to components.
- When removing the interior trim pieces, use a plastic panel removal tool not to damage the surface.
- Be careful to store and handle the trim when removing/installing because lubricant and oil can leave a stain on the trim.

1. Disconnect the negative (-) battery terminal.
2. Remove the rear door trim.
(Refer to Body - "Rear Door Trim")
3. Disconnect the power window switch connector (A).



4. Remove the power window switch (A) after loosening the mounting screws.



Installation

Driver Power Window Switch

1. Install the power window switch.
2. Connect the power window switch connector.
3. Install the driver front door trim after connecting the connector.
4. Connect the negative (-) battery terminal.

Assist Power Window Switch

1. Install the power window switch.
2. Connect the power window switch connector.
3. Install the assist front door trim after connecting the connector.
4. Connect the negative (-) battery terminal.

Rear Power Window Switch

1. Install the power window switch.

2. Connect the power window switch connector.
3. Install the rear door trim after connecting the connector.
4. Connect the negative (-) battery terminal.