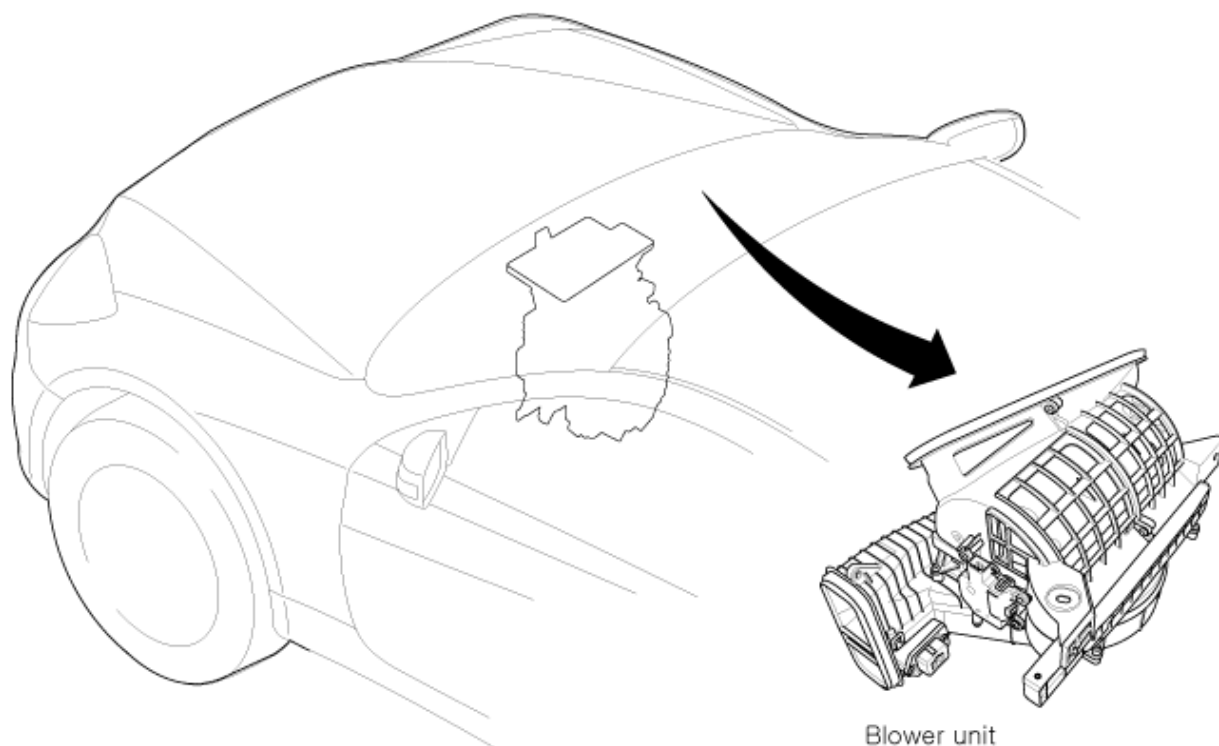
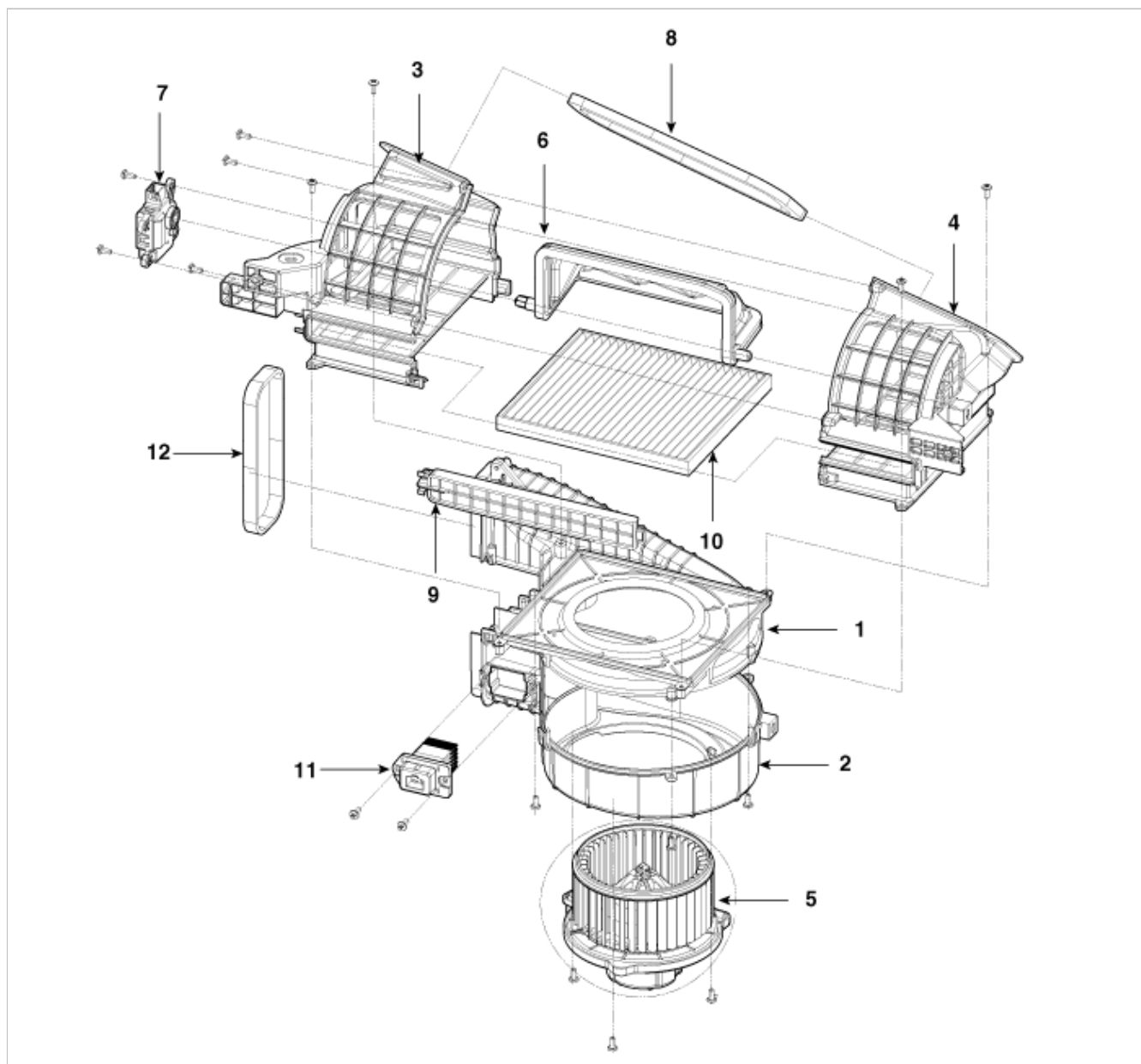


Component Location



Components



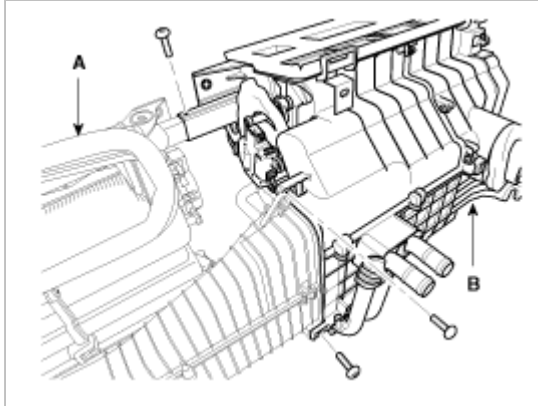
1. Blower upper case
 2. Blower lower case
 3. Intake case (L)
 4. Intake case (R)

5. Blower motor
 6. Intake door
 7. Intake actuator
 8. Cowl seal

9. Climate control air filter cover
 10. Climate control air filter
 11. Power mosfet
 12. Heater matching lining

REPLACEMENT

1. Disconnect the negative (-) battery terminal.
2. Remove the crush pad.(Refer to BD group-crash pad)
3. Remove the cowl cross bar assembly.(Refer to BD group-crash pad)
4. Remove the heater & blower unit.(Refer to HA group-heater unit)
5. Remove the blower unit from the heater unit (B) after loosening a mounting bolt and 2 screws.



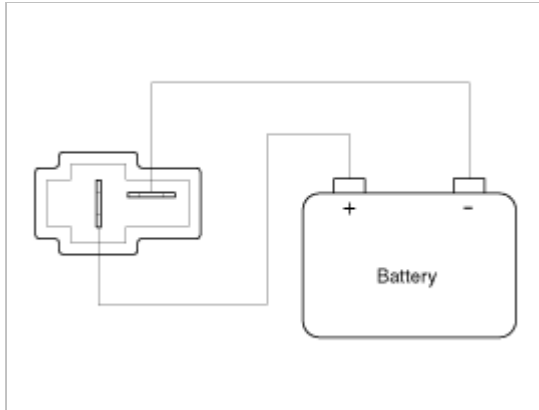
NOTE

Make sure that there is no air leaking out of the blower and duct joints.

6. Installation is the reverse order of removal.

Inspection

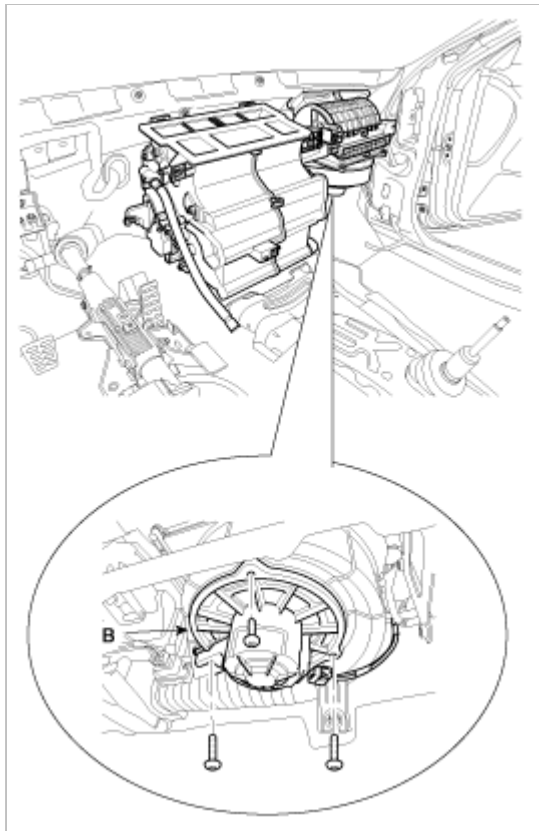
1. Connect the battery voltage and check the blower motor rotation.



2. If the blower motor voltage is not operated well, substitute with a known-good blower motor and check for proper operation.
3. If the problem is corrected, replace the blower motor.

Replacement

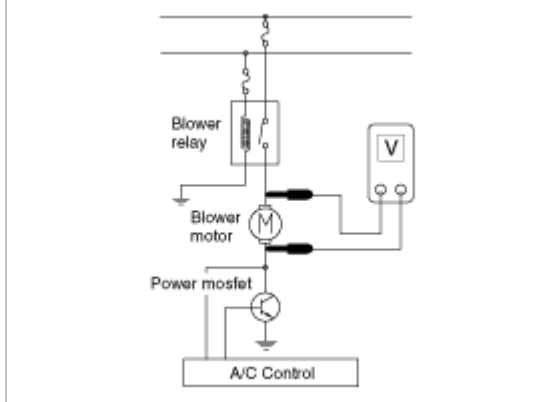
1. Disconnect the negative (-) battery terminal.
2. Remove the crashpad under cover(Refer to BD group-Crash pad).
3. Disconnect the connector of the blower motor.
4. Remove the blower motor (B) after loosening the mounting screws.



5. Installation is the reverse order of removal.

Inspection

1. Ignition "ON"
2. Manually operate the control switch and measure the voltage of blower motor between pin 1 and 2.
3. Select the control switch to raise voltage until high speed.



Specification

Fan	Motor Voltage
	Manual
First speed	3.8 ±0.5V
Second speed	4.9 ±0.5V
Third speed	6.1 ±0.5V
Fourth speed	7.2 ±0.5V
Fifth speed	8.3 ±0.5V
Sixth speed	9.5 ±0.5V
Seventh speed	10.6 ±0.5V
eighth speed	Battery

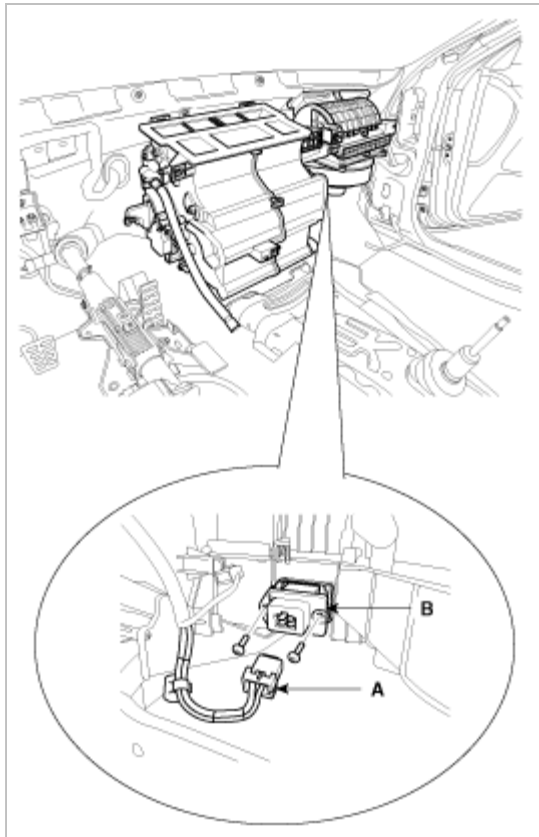
*AUTO COOLING: Auto speed (4.5V~B+)

*AUTO HEATING: Auto speed (4.5V~10.5V)

4. If the measured voltage is not specification, substitute with a known-good power mosfet and check for proper operation.
5. If the problem is corrected, replace the power mosfet.

Replacement

1. Disconnect the negative (-) battery terminal.
2. Remove the crashpad under cover(Refer to BD group-Crash pad)
3. Disconnect the power mosfet connector (A) at the connecting part between heater and blower unit.
4. Remove the power mosfet (B) after loosening the mounting screws.



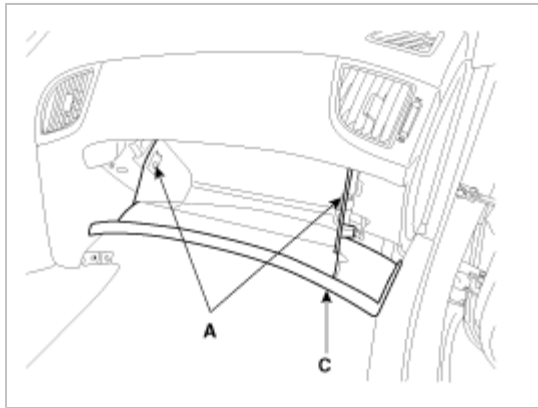
5. Installation is the reverse order of removal.

Description

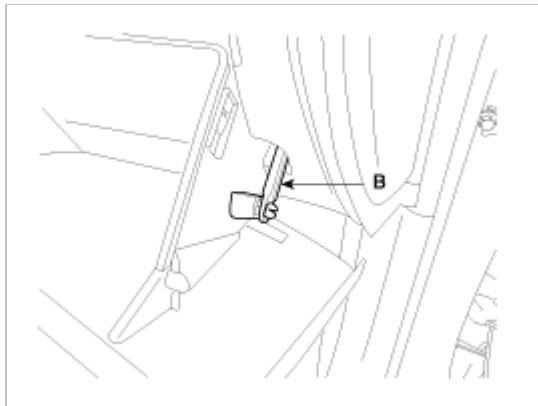
This has particle filter which eliminates foreign materials and odor. The particle filter includes odor filter as well as conventional dust filter to ensure comfortable interior environment.

Replacement

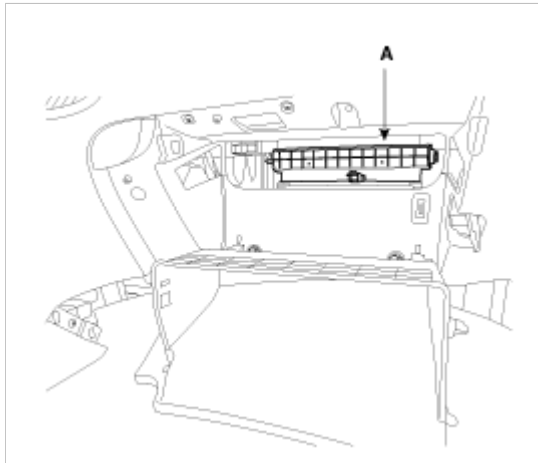
1. Open the glove box (A). Lower the glove box down completely by removing the glove box damper (B) to the glove box.



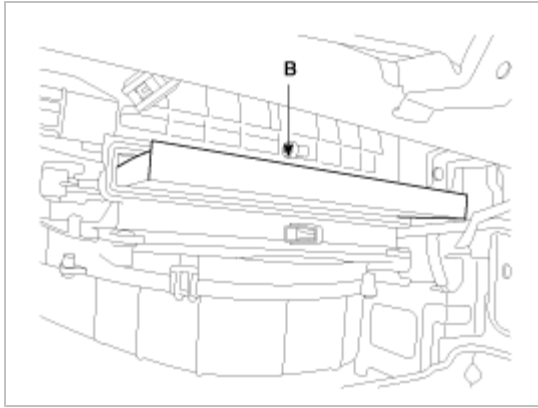
2. Remove the glove box lift(B).



3. Remove the filter cover (A) with pushing the knob.



4. Replace the air filter (B), install it after making sure of the direction of air filter.

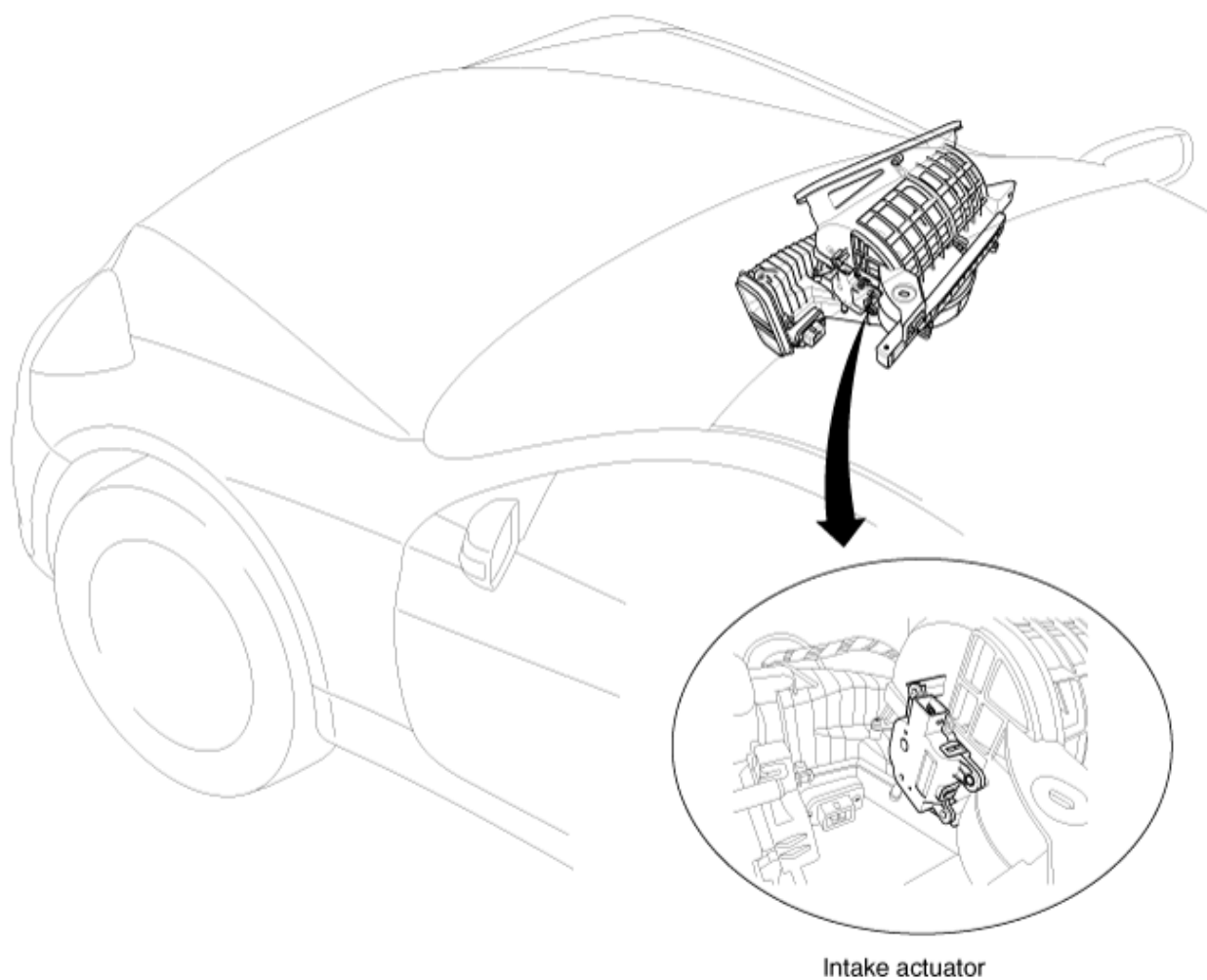


5. Installation is the reverse order of removal.

NOTE

In case of driving in an air-polluted area or rugged terrain, check and replace the air filter as frequently as possible.

Component Location

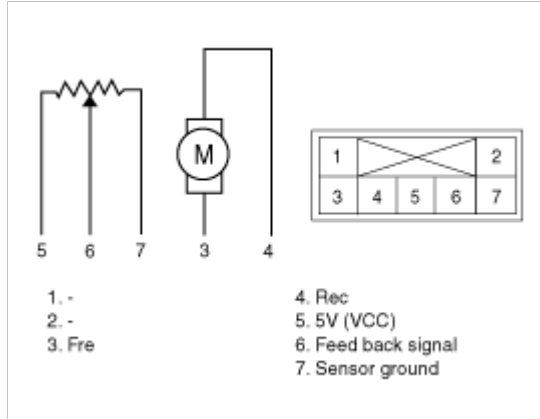


Description

1. The intake actuator is located at the blower unit.
2. It regulates the intake door by signal from control unit.
3. Pressing the intake selection switch will shift between recirculation and fresh air modes.

Inspection

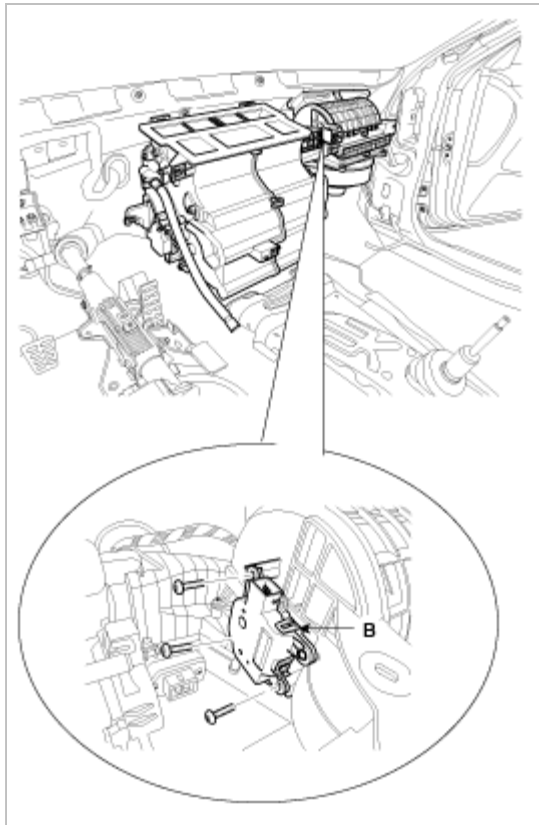
1. Ignition "OFF"
2. Disconnect the intake actuator connector.
3. Verify that the actuator operates to the recirculation position when connecting 12V to the terminal 3 and grounding terminal 4.
4. Verify that the intake actuator operates to the fresh position when connecting in the reverse.



5. If the intake actuator is not operated well, substitute with a known-good intake actuator and check for proper operation.
6. If the problem is corrected, replace the intake actuator.

Replacement

1. Disconnect the negative (-) battery terminal.
2. Remove the crash pad (Refer to BD group-crash pad).
3. Disconnect the intake actuator connector.
4. Loosen the mounting screw and then remove the intake actuator (B) from the blower unit.



5. Installation is the reverse order of removal.