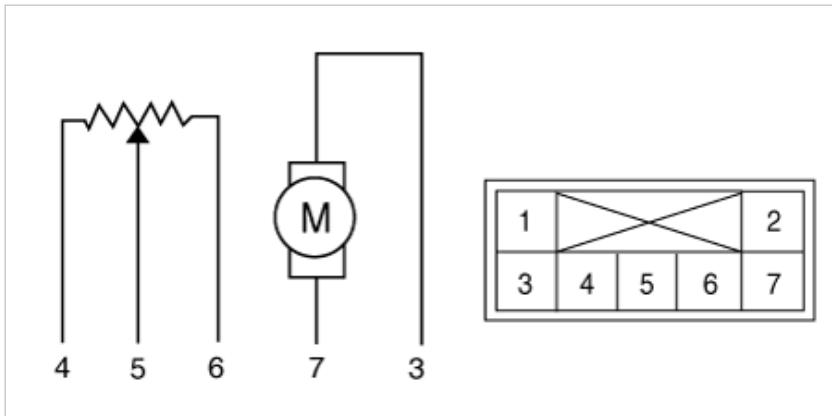




Inspection

1. Turn the ignition switch OFF.
2. Disconnect the intake actuator connector.
3. Verify that the actuator operates to the recirculation position when 12V is connected to terminal 3 and ground to terminal 7.
Verify that the intake actuator operates to the recirculated air position when connected in reverse.



1. -	5. Feedback signal
2. -	6. Sensor ground
3. Fresh air	7. Recirculated air
4. Sensor (+ 5V)	

4. Connect the intake actuator connector.
5. Turn the ignition switch ON.
6. Check the voltage between terminals 5 and 6.

Specification

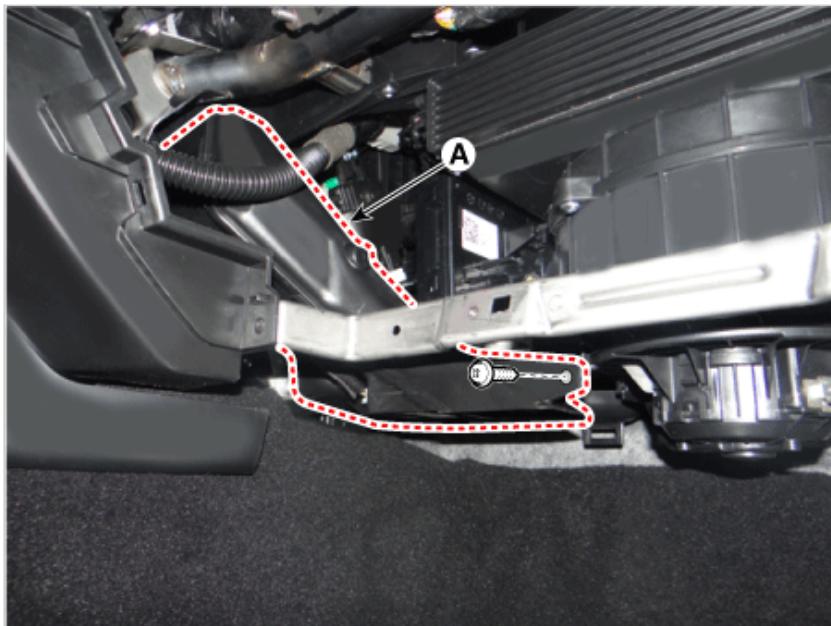
Door position	Voltage (V)	Error detecting
Fresh air	0.3 ± 0.15	Low voltage : 0.1V or less High voltage : 4.9 or more
Recirculated air	4.7 ± 0.15	

The current position of the actuator will be sent to the control unit.

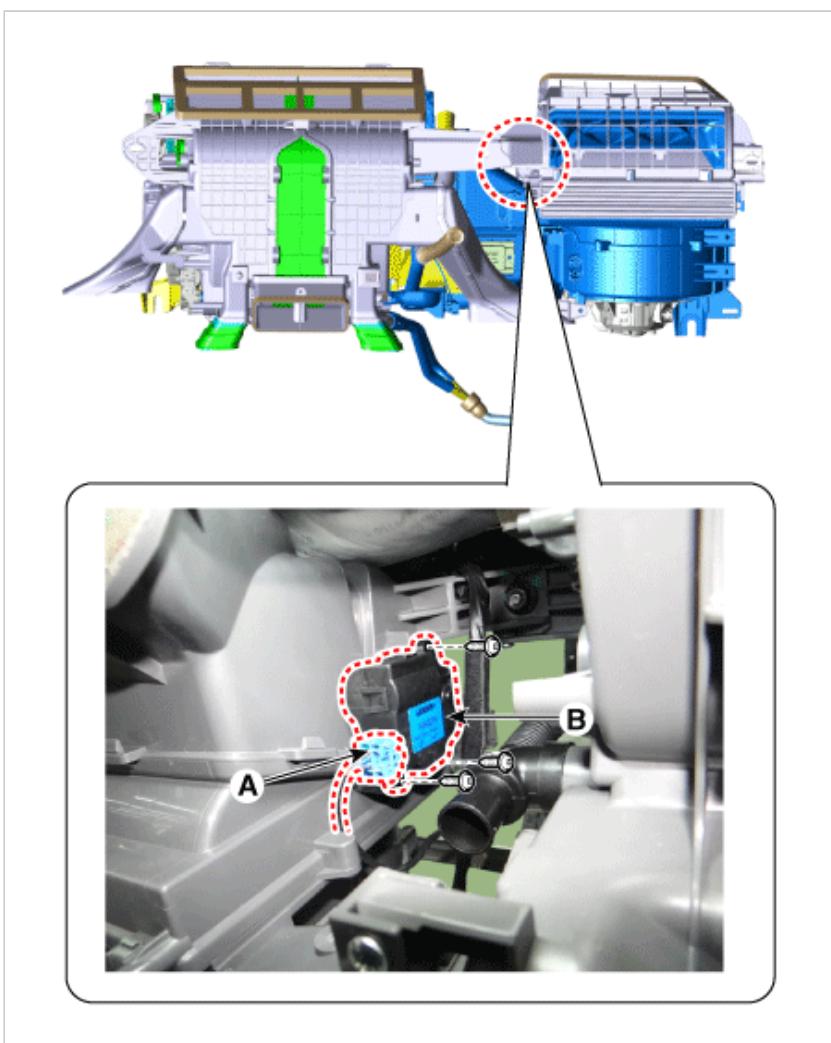
7. If the intake actuator does not operate well, substitute with a known-good intake actuator and check for proper operation.
8. Replace the intake actuator if it is proved that there is a problem with it.

Replacement

1. Disconnect the negative (-) battery terminal.
2. Remove the glove box housing.
(Refer to Body - "Glove Box Housing")
3. Remove the passenger side shower duct (A) after loosening the screw.



4. Disconnect the connector (A) and then remove the intake actuator (B) after loosening the mounting screw.



5. Install in the reverse order of removal.