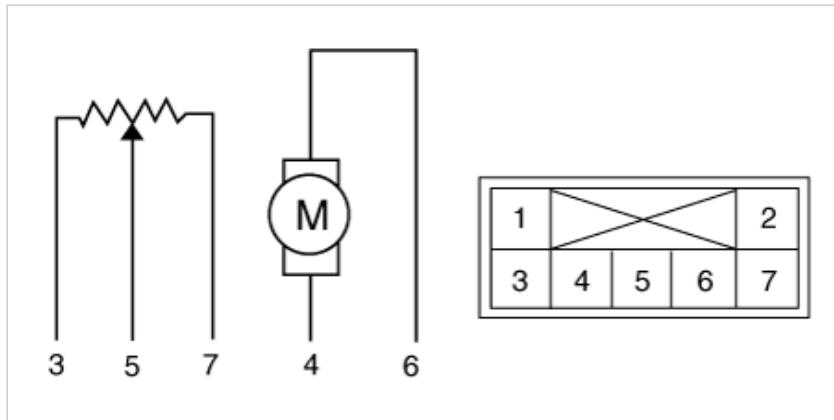




## Inspection

1. Turn the ignition switch OFF.
2. Disconnect the auto defogging connector.
3. Verify that the auto defogging actuator operates in the open position when connecting 12V to terminal 4 and grounding terminal 6.  
Verify that the auto defogging actuator operates in the closed position when connected in reverse.



1. -	5. Feedback signal
2. -	6. Sensor ground
3. Open	7. Close
4. Sensor REF (+5V)	

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

## Specification

Door position	Voltage (V)	Error detecting
Defog OFF (Close)	$4.7 \pm 0.15$	Low voltage : 4.9V or less
Defog ON (Open)	$0.90 \pm 0.15$	High voltage : 0.7V or less

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

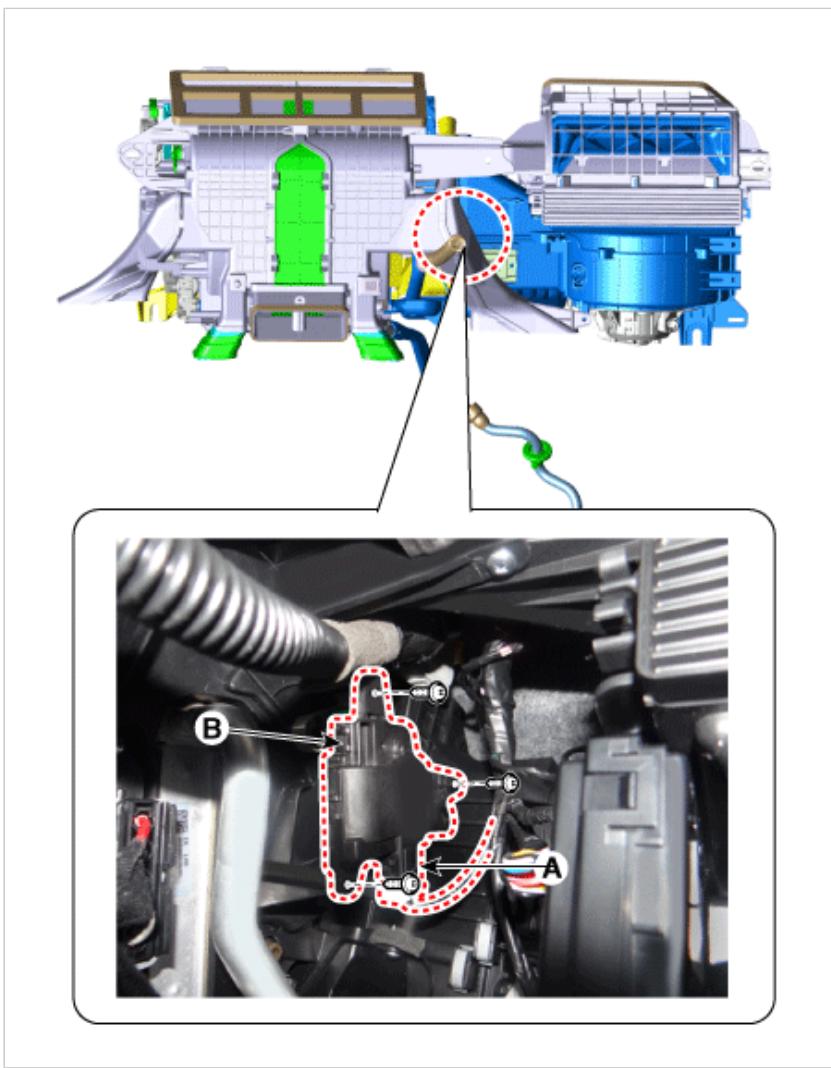
7. If the measured voltage is not within specification, substitute with a known-good auto defogging actuator and check for proper operation.
8. Replace the auto defogging actuator if it is proved that there is a problem with it.

## 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. Remove the aspirator.
5. Disconnect the connector (A) and then remove the auto defogging actuator (B) after loosening the screws.



6. Install in the reverse order of removal. Heating, Ventilation And Air Conditioning