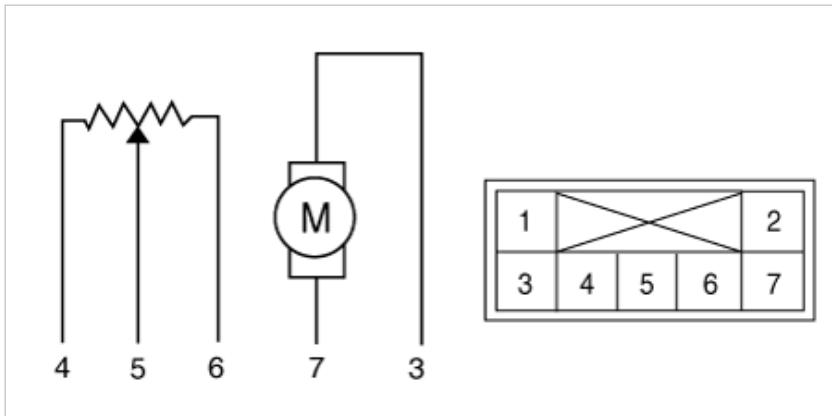




## Inspection

1. Turn the ignition switch OFF.
2. Disconnect the temperature control actuator connector.
3. Verify that the temperature control actuator operates to the cool position when 12V is connected to terminal 3 and ground to terminal 7.  
Verify that the temperature control actuator operates to the warm position when connected in reverse.



1. -	5. Feedback signal
2. -	6. Sensor (+ 5V)
3. Warm position	7. Cool position
4. Sensor ground	

4. Connect the temperature control actuator connector.

5. Turn the ignition switch ON.

6. Check the voltage between terminals 5 and 4.

### Specification

Door Position	Voltage (V)	Error Detecting
Max. cooling (Driver side)	0.3 ± 0.15V	Low voltage : 0.1V or less High voltage : 4.9V or more
Max. heating (Driver side)	4.7 ± 0.15V	
Max. cooling (Passenger side)	0.3 ± 0.15V	
Max. heating (Passenger side)	4.7 ± 0.15V	

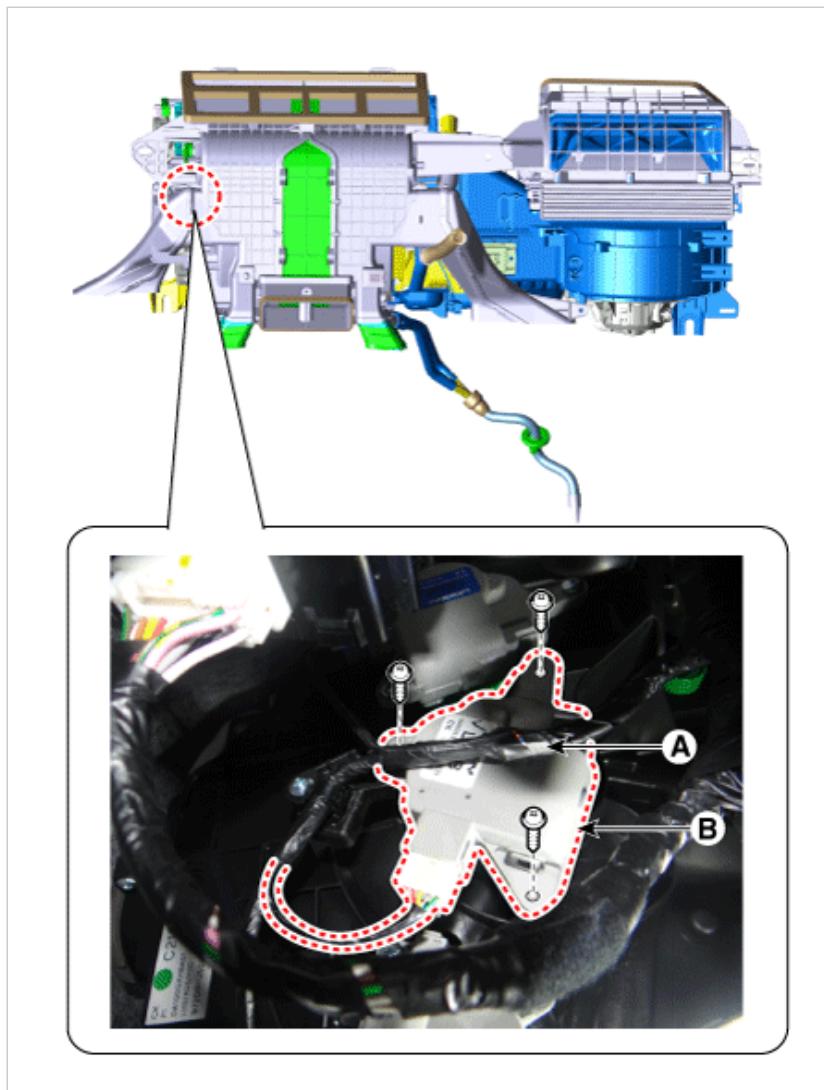
The current position of the actuator will be sent to the control unit.

7. If the measured voltage is not within the specification, substitute with a verified temperature control actuator and check for proper operation.
8. Replace the temperature control actuator if it is proved that there is a problem with it.

## Replacement

### [Driver side]

1. Disconnect the negative (-) battery terminal.
2. Remove the knee airbag.  
**(Refer to Restraint - "Knee Airbag (KAB) Module")**
3. Disconnect the connector (A) and then remove the temperature control actuator (B) after loosening the mounting screws.



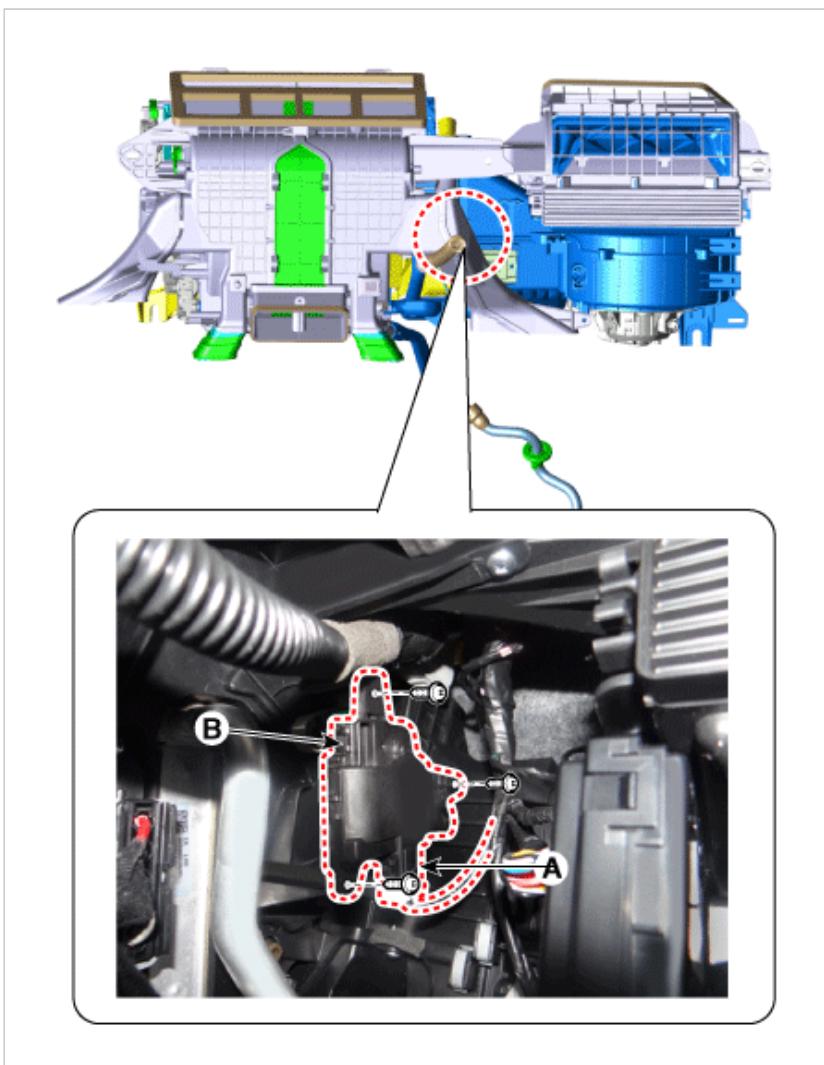
4. Install in the reverse order of removal.

**[Passenger side]**

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



4. Disconnect the connector (A) and then remove the temperature control actuator (B) after loosening the screws.



5. Install in the reverse order of removal.