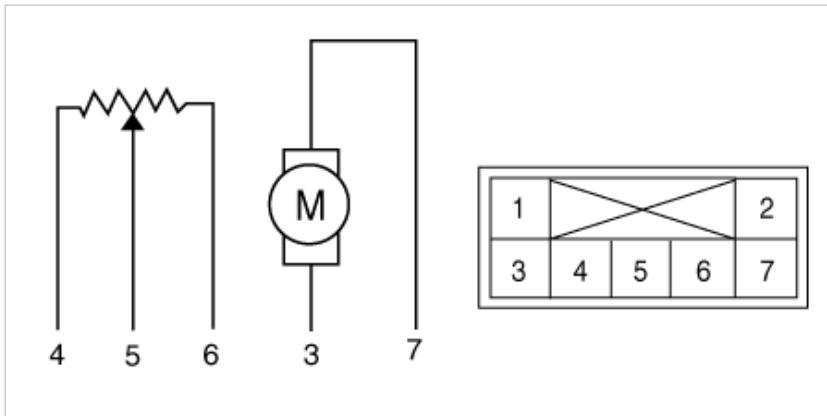




Inspection

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



1. -
 2. -
 3. Defrost mode
 4. Sensor ground

5. Feedback signal
 6. Sensor (+ 5V)
 7. Vent mode

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

Specification

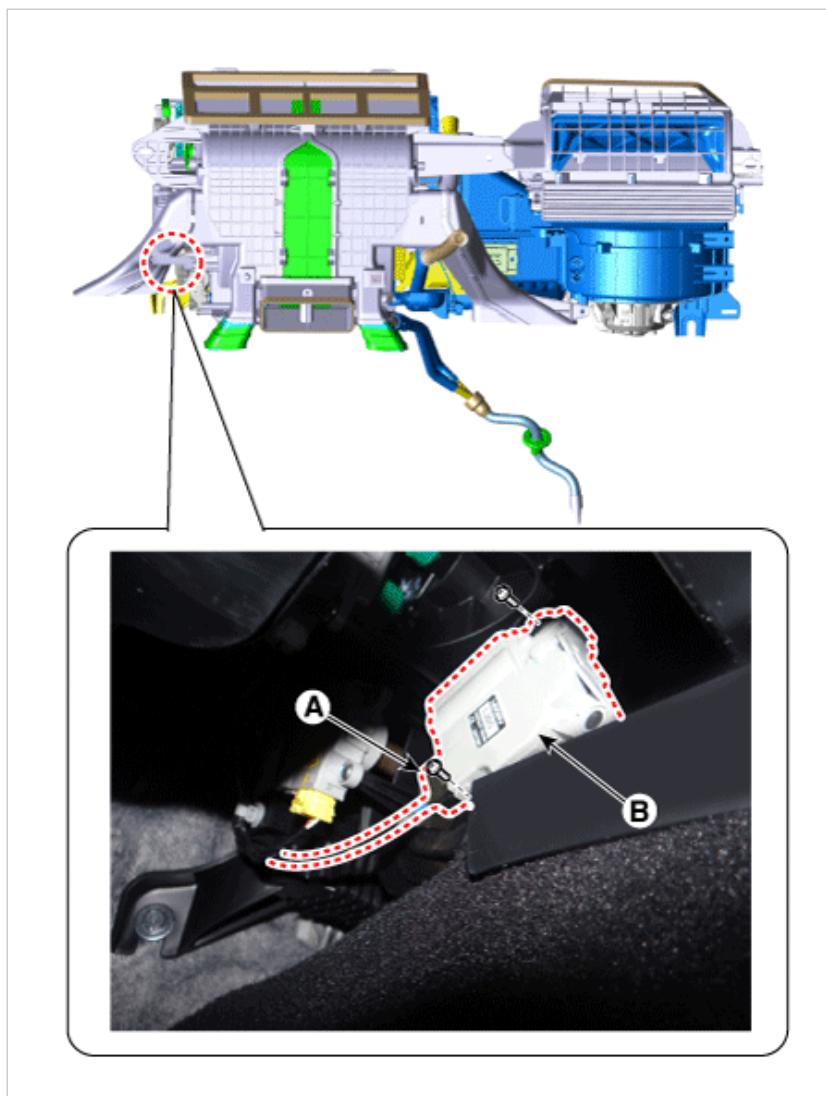
Door position	Voltage (V)	Error detecting
Vent	$1.5 \pm 0.15V$	Low voltage : 1.3V or less
Defrost	4.7 ± 0.15	High voltage : 4.9 or more

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 mode control actuator if it is proved that there is a problem with it.

Replacement

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.