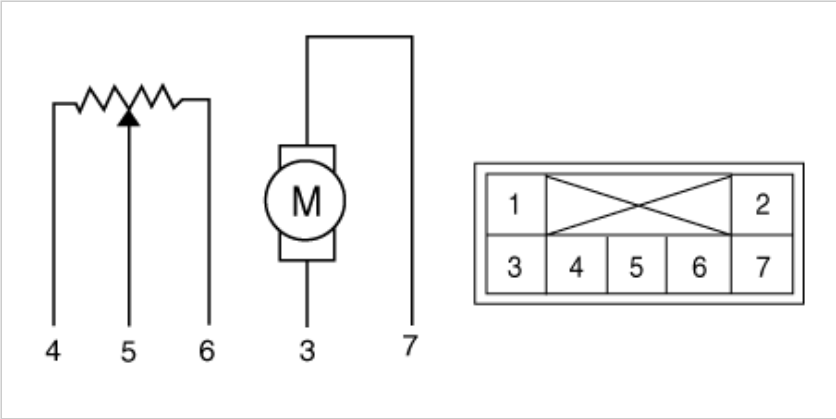


Inspection

- 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. Cool mode
 - 4. Sensor(+5V)
- 5. Feedback signal
 - 6. Sensor ground
 - 7. Warm mode
- 4. Connect the mode control actuator connector.
 - 5. Turn the ignition switch ON.
 - 6. Check the voltage between terminals 5 and 6.

Specification

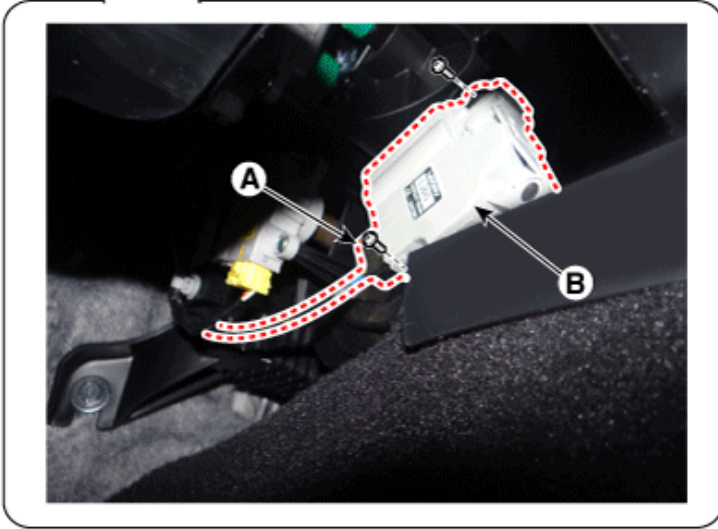
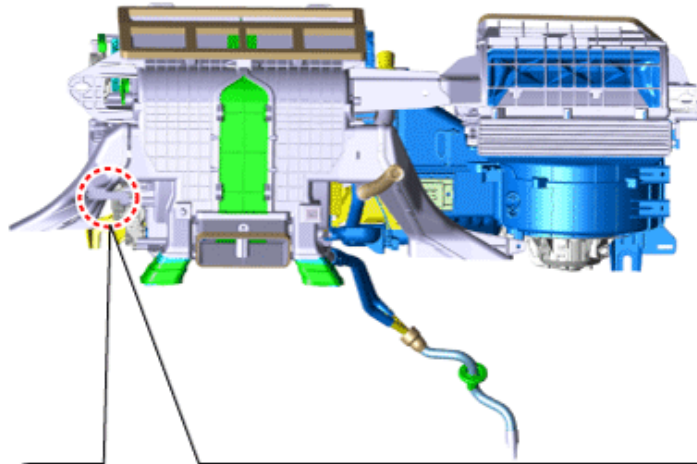
Door position	Voltage (V)	Error detecting
Cool	1.50 ± 0.15	Low voltage : 1.7V or less High voltage : 4.9V or more
Warm	4.70 ± 0.15	

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.