

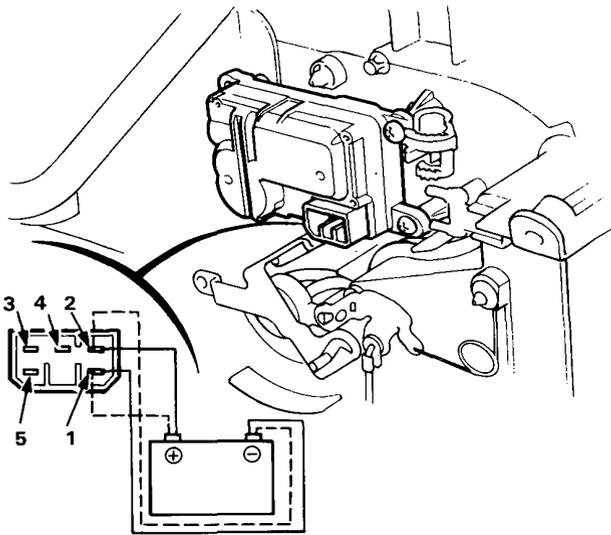
Component Testing

Air Mix Control Motor

1. Measure the resistance between the No. 3 and 5 terminals.
 - Resistance: 4 k Ω
2. Check the motor operation by briefly connecting the battery (12 V) positive to the No. 2 terminal and negative to the No. 1 terminal.
3. Reverse the wires to be sure the motor will run in both directions.

CAUTION: Be sure to disconnect the battery from the motor as soon as the motor has started. Failure to do so will damage motor.

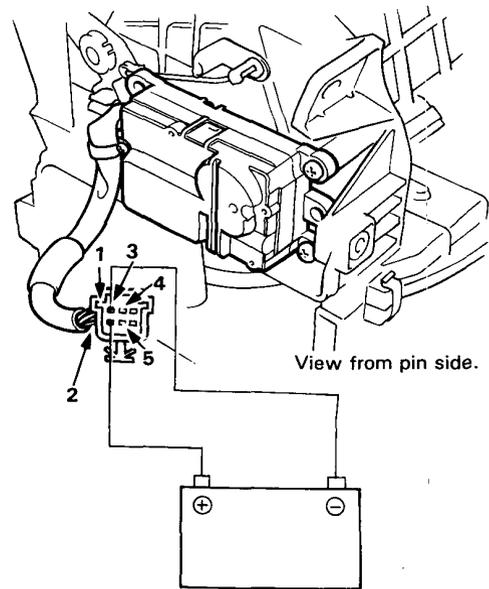
4. Connect a battery (12 V) to the motor (positive to No. 2 and negative to No. 1), and measure the resistance between the terminals No. 4 and No. 5. Resistance should be approximately 1.2 K Ω at COOL and 4.0 K Ω at HOT. Also check the resistances with the battery polarity reversed.



View from terminal side

Recirculation Control Motor

1. Connect the battery positive to No. 2 terminal of the recirculation control motor and negative to the No. 1 terminal.
 - The motor should run.
2. With the battery still connected, connect the ohmmeter probes to the No. 5 and 4 terminals.
 - The ohmmeter should continue to cycle back and forth but hesitates slightly longer when indicating continuity.
3. Then connect the ohmmeter to terminals No. 3 and 5.
 - The ohmmeter should continue to cycle back and forth but hesitates slightly longer when indicating continuity.



View from pin side.