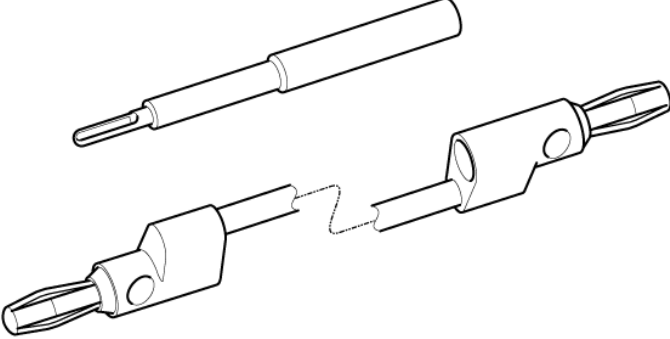


Driver's Air Mix Control Motor Test

Special Tool Required

Image	Description/Tool Number
	Backprobe Set 07SAZ-001000A

Test

NOTE: Before testing the motor, check for climate control DTCs.

1. Driver's Air Mix Control Motor - Test

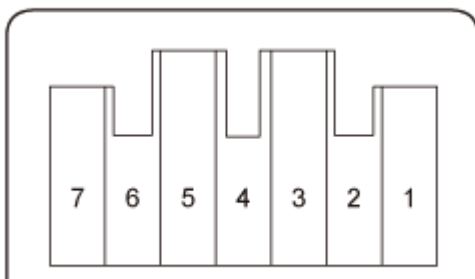
1. Disconnect the driver's air mix control motor connector.

NOTICE

Incorrectly applying power and ground to the driver's air mix control motor will damage it. Follow the instructions carefully.

2. Connect battery power to terminal No. 7 of the driver's air mix control motor, and ground terminal No. 6; the driver's air mix control motor should run, and stop at MAX HOT. If it does not, reverse the connections; the driver's air mix control motor should run, and stop at MAX COOL. When the driver's air mix control motor stops running, disconnect battery power immediately.

DRIVER'S AIR MIX CONTROL MOTOR



3. If the driver's air mix control motor did not run in step 2, remove it, then check the air mix control linkage and door for smooth movement.

- If the linkage and door move smoothly, go to step 4.
- If the linkage or door sticks or binds, repair them as needed.

4. Measure the resistance between terminals No. 1 and No. 3. It should be between 4.2 k Ω and 7.8 k Ω .

5. Reconnect the driver's air mix control motor connector.

6. Press the engine start/stop button to select the ON mode.

7. Using the backprobe set (07SAZ-001000A), measure the voltage between terminals No. 1 and No. 2.

MAX COOL: About 1.0 V

MAX HOT: About 4.0 V

8. If either the resistance or the voltage readings are not as specified, [replace the driver's air mix control motor](#).