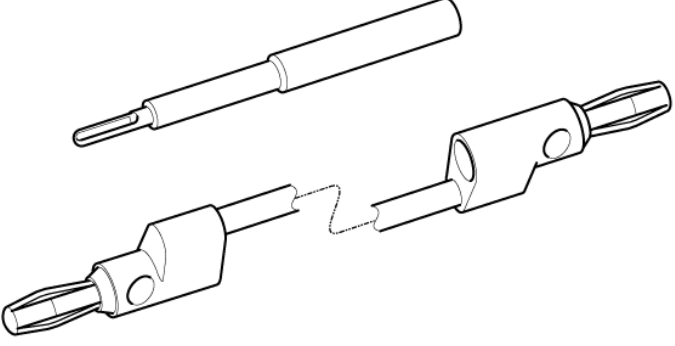


## Passenger's Air Mix Control Motor Test

### Special Tool Required

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

### Test

SRS components are located in this area. Review the [SRS component locations](#) and the [precautions and procedures](#) before doing repairs or service.

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

#### 1. Glove Box - Remove

1. [Remove the glove box.](#)

#### 2. Passenger's Heater Duct - Remove

1. [Remove the passenger's heater duct.](#)

#### 3. Passenger's Air Mix Control Motor - Test

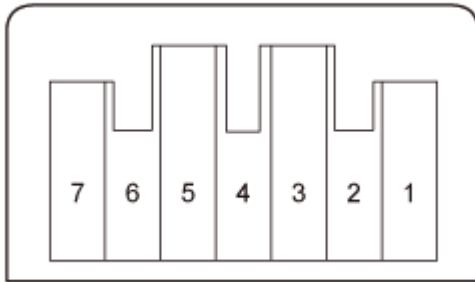
1. Disconnect the passenger's air mix control motor connector.

### NOTICE

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

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

#### PASSENGER'S AIR MIX CONTROL MOTOR



3. If the passenger's air mix control motor did not run in step 2, remove it, then check the passenger's 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 $\Omega$  and 7.8 k $\Omega$ .
5. Reconnect the passenger'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. 2 and No. 3.

**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 passenger's air mix control motor](#).

#### 4. Passenger's Heater Duct - Install

1. [Install the passenger's heater duct](#).

#### 5. Glove Box - Install

1. [Install the glove box](#).