

## WINDSHIELD WIPER MOTOR INSPECTION

id091900801100

### L.H.D.

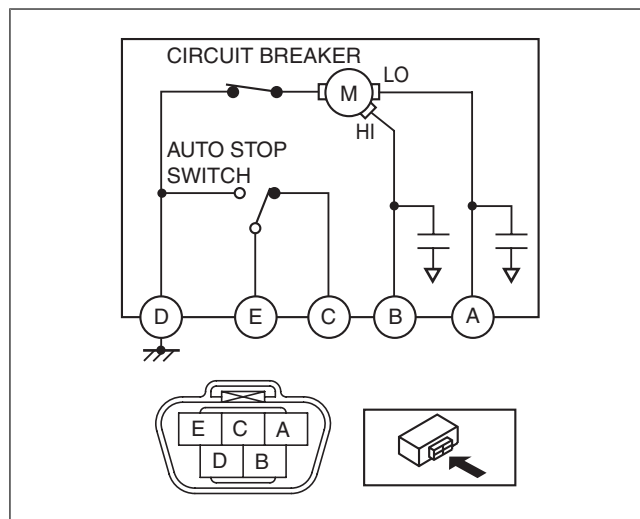
1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Remove the following parts:
  - (1) Windshield wiper arm and blade (See WINDSHIELD WIPER ARM AND BLADE REMOVAL/INSTALLATION.)
  - (2) Cowl grille (See COWL GRILLE REMOVAL/INSTALLATION.)

### Windshield Wiper Motor Inspection

1. Apply battery positive voltage and connect the ground to the windshield wiper motor terminals as indicated in the table below and verify the operation condition.

B+	Ground	Windshield wiper motor operation status
A	D	LO
B	D	HI

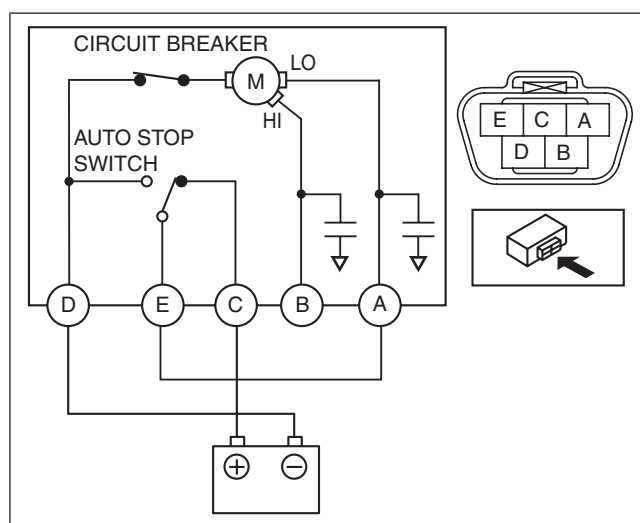
- If not as indicated in the table, replace the windshield wiper motor. (See WINDSHIELD WIPER MOTOR AND LINK REMOVAL/INSTALLATION.)



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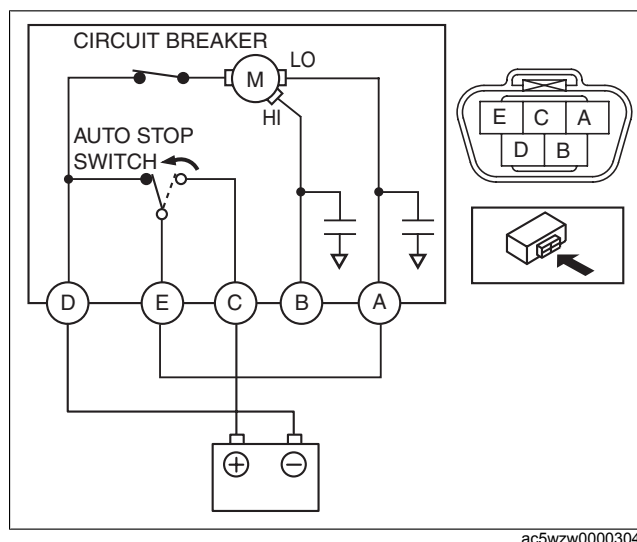
### Auto-stop Operation Inspection

1. Connect the battery voltage to windshield wiper motor terminal A, connect the ground to motor terminal D, and operate the windshield wiper motor at low speed.
2. Disconnect the battery voltage from terminal A during windshield wiper LO operation, and stop the windshield wiper motor halfway.
3. Connect windshield wiper motor terminals A and E using a jumper wire.
4. Connect the battery positive voltage to windshield wiper motor terminal C.



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5. After the windshield wiper motor auto-stop operation, verify that it stops at the park position.
  - If there is any malfunction, replace the windshield wiper motor. (See WINDSHIELD WIPER MOTOR AND LINK REMOVAL/INSTALLATION.)



#### R.H.D.

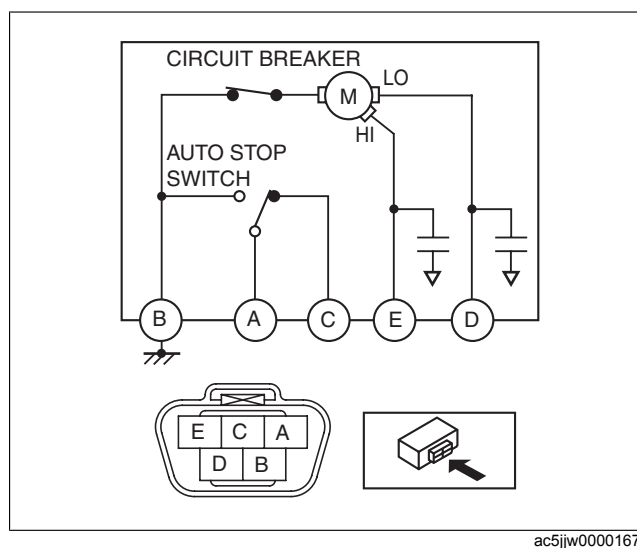
1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Remove the following parts:
  - (1) Windshield wiper arm and blade (See WINDSHIELD WIPER ARM AND BLADE REMOVAL/INSTALLATION.)
  - (2) Cowl grille (See COWL GRILLE REMOVAL/INSTALLATION.)

#### Windshield Wiper Motor Inspection

1. Apply battery positive voltage and connect the ground to the windshield wiper motor terminals as indicated in the table below and verify the operation condition.

B+	Ground	Windshield wiper motor operation status
D	B	LO
E	B	HI

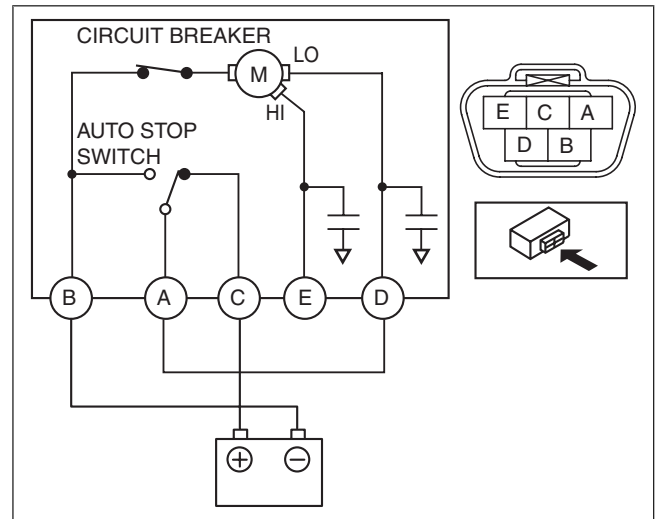
- If not as indicated in the table, replace the windshield wiper motor. (See WINDSHIELD WIPER MOTOR AND LINK REMOVAL/INSTALLATION.)



#### Auto-stop Operation Inspection

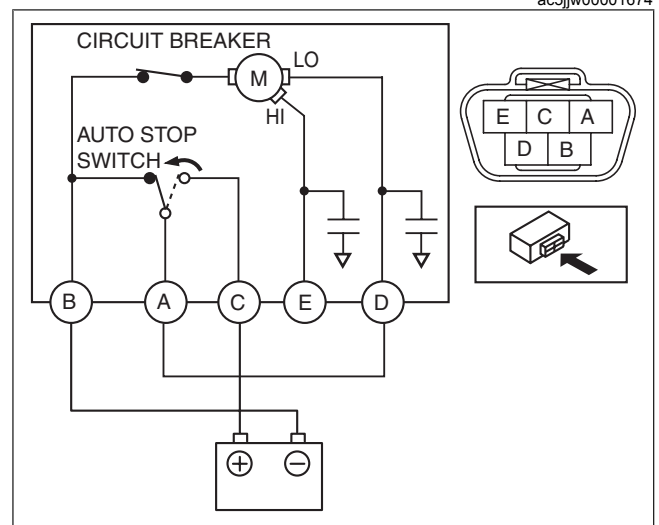
1. Connect the battery voltage to windshield wiper motor terminal D, connect the ground to motor terminal B, and operate the windshield wiper motor at low speed.
2. Disconnect the battery voltage from terminal D during windshield wiper LO operation, and stop the windshield wiper motor halfway.

3. Connect windshield wiper motor terminals D and A using a jumper wire.
4. Connect the battery positive voltage to windshield wiper motor terminal C.



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5. After the windshield wiper motor auto-stop operation, verify that it stops at the park position.
  - If there is any malfunction, replace the windshield wiper motor. (See WINDSHIELD WIPER MOTOR AND LINK REMOVAL/ INSTALLATION.)



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