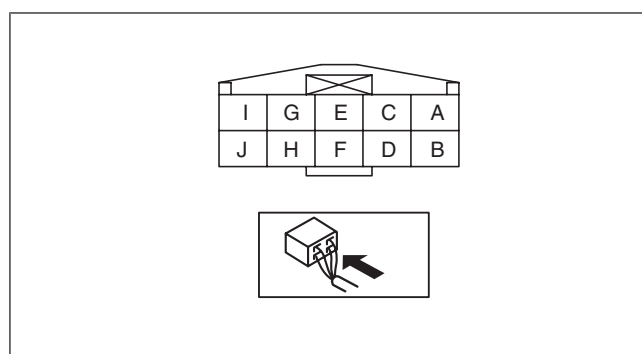


SUNROOF MOTOR INSPECTION

id091500801100

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 map light. (See MAP LIGHT REMOVAL/INSTALLATION.)
3. Connect 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].)
4. Measure the voltage at each terminal.
 - If the voltage is not as specified in the terminal voltage table, inspect the parts under Inspection item (s) and related wiring harnesses.
 - If the system does not work normally even though the inspection items or related wiring harnesses do not have any malfunction, replace the sunroof motor. (See SUNROOF MOTOR REMOVAL/INSTALLATION.)

Terminal Voltage Table (Reference)



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Terminal	Signal	Connected to	Test condition	Voltage (V)	Inspection item
A	Slide open	Sunroof switch	Sunroof is opening	B+	• Sunroof switch (See SUNROOF SWITCH INSPECTION.) • Related wiring harness
			Other	1.0 or less	
B	Slide close/tilt down	Sunroof switch	Sunroof is closing / tilting down	B+	• Sunroof switch (See SUNROOF SWITCH INSPECTION.) • Related wiring harness
			Other	1.0 or less	
C	Tilt up	Sunroof switch	Sunroof is tilting up	B+	• Sunroof switch (See SUNROOF SWITCH INSPECTION.) • Related wiring harness
			Other	1.0 or less	
E	IG1	C/U IG1 15A fuse	Switch the ignition ON (engine on or off)	B+	• C/U IG1 15A fuse • Related wiring harness
			Other	1.0 or less	
G	GND	GND	Under any condition	1.0 or less	• Related wiring harness
J	Power supply	SUNROOF 10A fuse	Under any condition	B+	• SUNROOF 10A fuse • Related wiring harness