DSC HU/CM INSPECTION

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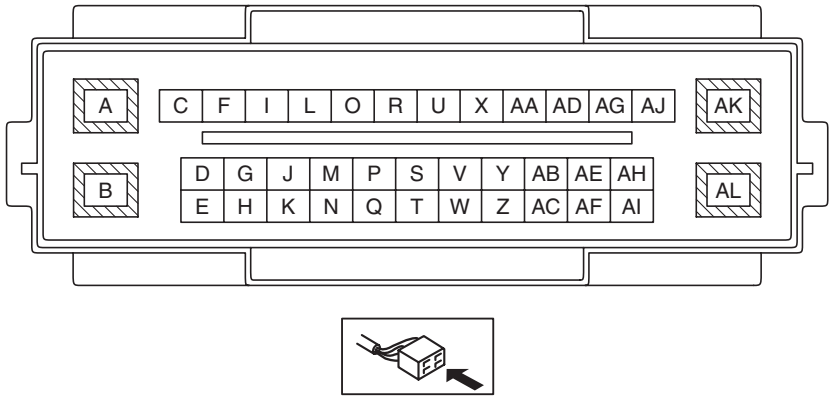
1. Disconnect the DSC HU/CM connector. (See DSC HU/CM REMOVAL/INSTALLATION.)
2. Connect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].), (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].), (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
3. Attach the tester lead to the DSC HU/CM wiring harness-side connector and inspect voltage, continuity, or resistance according to the standard (reference) on the table.

Standard (Reference)

DSC HU/CM WIRING HARNESS-SIDE CONNECTOR



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Terminal	Signal name	Connected to	Measured item	Measured terminal (measurement condition)	Standard	Inspection item(s)
A	Power supply (solenoid operation)	Battery	Voltage	Under any condition	B+	• Wiring harness (A—battery)
B	Power supply (motor operation)	Battery	Voltage	Under any condition	B+	• Wiring harness (B—battery)
C	RF wheel-speed (-)	RF ABS wheel-speed sensor	Continuity	C—RF ABS wheel-speed sensor terminal B	Continuity detected	• Wiring harness (C—RF ABS wheel-speed sensor terminal B)
D	—	—	—	—	—	—
E	—	—	—	—	—	—
F	RF wheel-speed (+)	RF ABS wheel-speed sensor	Continuity	F—RF ABS wheel-speed sensor terminal A	Continuity detected	• Wiring harness (F—RF ABS wheel-speed sensor terminal A)
G	—	—	—	—	—	—
H	—	—	—	—	—	—
I	—	—	—	—	—	—
J	—	—	—	—	—	—
K	—	—	—	—	—	—
L	LR wheel-speed (+)	LR ABS wheel-speed sensor	Continuity	L—LR ABS wheel-speed sensor terminal A	Continuity detected	• Wiring harness (L—LR ABS wheel-speed sensor terminal A)
M	—	—	—	—	—	—
N	—	—	—	—	—	—
O	LR wheel-speed (-)	LR wheel-speed sensor	Continuity	O—LR ABS wheel-speed sensor terminal B	Continuity detected	• Wiring harness (O—LR ABS wheel-speed sensor terminal B)
P	CAN2_L	SAS control module	This terminal is used for communication and cannot be used for malfunction determination during terminal voltage inspection. Perform a DTC inspection.			
Q	Power supply (system)	Ignition switch	Voltage	Ignition switched ON (engine off).	B+	• Wiring harness (Q—ignition switch)
				Switch the ignition to off.	1 V or less	
R	—	—	—	—	—	—

Terminal	Signal name	Connected to	Measured item	Measured terminal (measurement condition)	Standard	Inspection item(s)
S	CAN2_H	SAS control module	This terminal is used for communication and cannot be used for malfunction determination during terminal voltage inspection. Perform a DTC inspection.			
T	—	—	—	—	—	—
U	—	—	—	—	—	—
V	—	—	—	—	—	—
W	—	—	—	—	—	—
X	RR wheel-speed (-)	RR ABS wheel-speed sensor	Continuity	X—RR ABS wheel-speed sensor terminal B	Continuity detected	• Wiring harness (X—RR ABS wheel-speed sensor terminal B)
Y	—	—	—	—	—	—
Z	—	—	—	—	—	—
AA	RR wheel-speed (+)	RR ABS wheel-speed sensor	Continuity	AA—RR ABS wheel-speed sensor terminal A	Continuity detected	• Wiring harness (AA—RR ABS wheel-speed sensor terminal A)
AB	—	—	—	—	—	—
AC	CAN_L	CAN module	This terminal is used for communication and cannot be used for malfunction determination during terminal voltage inspection. Perform a DTC inspection.			
AD	—	—	—	—	—	—
AE	—	—	—	—	—	—
AF	CAN_H	CAN module	This terminal is used for communication and cannot be used for malfunction determination during terminal voltage inspection. Perform a DTC inspection.			
AG	LF wheel-speed sensor (+)	LF ABS wheel-speed sensor	Continuity	AG—LF ABS wheel-speed sensor terminal A	Continuity detected	• Wiring harness (AG—LF ABS wheel-speed sensor terminal A)
AH	—	—	—	—	—	—
AI	Brake light (vehicles with smart city brake support (SCBS))	Brake light relay	Voltage	Brake pedal depressed	B+	• Wiring harness (AI—Brake light relay terminal D)
				Brake pedal released	1 V or less	
AJ	LF wheel-speed sensor (-)	LF wheel-speed sensor	Continuity	AJ—LF ABS wheel-speed sensor terminal B	Continuity detected	• Wiring harness (AJ—LF ABS wheel-speed sensor terminal B)
AK	—	—	—	—	—	—
AL	Ground	Ground point	Continuity	AL—ground point	Continuity detected	• Wiring harness (AL—ground point)