

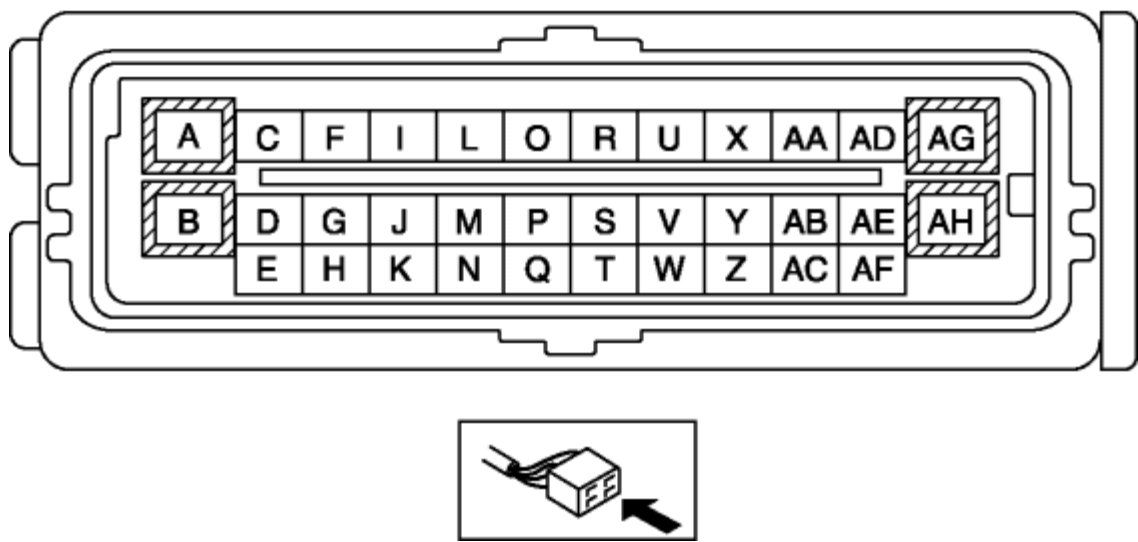
2012 - Mazda6 - Brakes

DSC HU/ CM INSPECTION

- 1. Disconnect the DSC HU/CM connector. (See [DSC HU/ CM REMOVAL/ INSTALLATION.](#))
- 2. Connect the negative battery cable. (See [BATTERY REMOVAL/ INSTALLATION \[MZR 2.5\].](#)) (See [BATTERY REMOVAL/ INSTALLATION \[MZI 3.7 V6\].](#))
- 3. Attach the tester lead to the DSC HU/CM wiring harness-side connector, then inspect the voltage, continuity, or resistance according to the standard (reference) on the table.

Terminal Voltage Table (Reference)

DSC HU/CM WIRING HARNESS-SIDE CONNECTOR



Terminal	Signal name	Connected to	Measured item	Measured terminal (measured condition)	Standard	Inspection item (s)
A	Ground (system)	Ground point	Continuity	A—ground point	Continuity detected	Wiring harness (A—ground point)
B	Ground (ABS motor)	Ground point	Continuity	B—ground point	Continuity detected	Wiring harness (B—ground point)
	Brake	Brake		C—brake switch	Continuity	Wiring harness

C	switch	switch	Continuity	terminal	detected	(C—brake switch)
D	CAN_L	DLC-2 (CAN_L)	This terminal is used for communication and cannot be used for malfunction determination during terminal voltage inspection. Perform a DTC inspection.			
E	CAN_H	DLC-2 (CAN_H)	This terminal is used for communication and cannot be used for malfunction determination during terminal voltage inspection. Perform a DTC inspection.			
F	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.			
G	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.			
H	—	—	—	—	—	—
I	LR wheel-speed sensor (-)	LR ABS wheel-speed sensor	Continuity	I—LR ABS wheel-speed sensor connector terminal A	Continuity detected	Wiring harness (I—LR ABS wheel-speed sensor connector terminal A)
J	RR wheel-speed sensor (-)	RR ABS wheel-speed sensor	Continuity	J—RR ABS wheel-speed sensor connector terminal A	Continuity detected	Wiring harness (J—RR ABS wheel-speed sensor connector terminal A)
K	—	—	—	—	—	—
L	LR wheel-speed sensor (+)	LR ABS wheel-speed sensor	Continuity	L—LR ABS wheel-speed sensor connector terminal B	Continuity detected	Wiring harness (L—LR ABS wheel-speed sensor connector terminal B)
M	RR wheel-speed sensor (+)	RR ABS wheel-speed sensor	Continuity	M—RR ABS wheel-speed sensor connector terminal B	Continuity detected	Wiring harness (M—RR ABS wheel-speed sensor connector terminal B)

N	—	—	—	—	—	—
O	RF wheel-speed sensor (-)	RF ABS wheel-speed sensor	Continuity	O—RF ABS wheel-speed sensor connector terminal A	Continuity detected	Wiring harness (O—RF ABS wheel-speed sensor connector terminal A)
P	LF wheel-speed sensor (-)	LF ABS wheel-speed sensor	Continuity	P—LF ABS wheel-speed sensor connector terminal A	Continuity detected	Wiring harness (P—LF ABS wheel-speed sensor connector terminal A)
Q	—	—	—	—	—	—
R	RF wheel-speed sensor (+)	RF ABS wheel-speed sensor	Continuity	R—RF ABS wheel-speed sensor connector terminal B	Continuity detected	Wiring harness (R—RF ABS wheel-speed sensor connector terminal B)
S	LF wheel-speed sensor (+)	LF ABS wheel-speed sensor	Continuity	S—LF ABS wheel-speed sensor connector terminal B	Continuity detected	Wiring harness (S—LF ABS wheel-speed sensor connector terminal B)
T	DSC OFF switch	DSC OFF switch	Continuity	T—DSC OFF switch	Continuity detected	Wiring harness (T—DSC OFF switch)
U	—	—	—	—	—	—
V	—	—	—	—	—	—
W	—	—	—	—	—	—
X	—	—	—	—	—	—
Y	—	—	—	—	—	—
Z	—	—	—	—	—	—
AA	—	—	—	—	—	—

AB	—	—	—	—	—	—
AC	—	—	—	—	—	—
AD	—	—	—	—	—	—
AE	—	—	—	—	—	—
AF	Power supply (system)	Ignition	Voltage	Switch the ignition to ON.	B+	Wiring harness (AF—ignition)
				Switch the ignition to off.	1 V or less	
AG	Power supply (solenoid operation)	Battery	Voltage	Under any condition	B+	Wiring harness (AG—battery)
AH	Power supply (ABS motor operation)	Battery	Voltage	Under any condition	B+	Wiring harness (AH—battery)

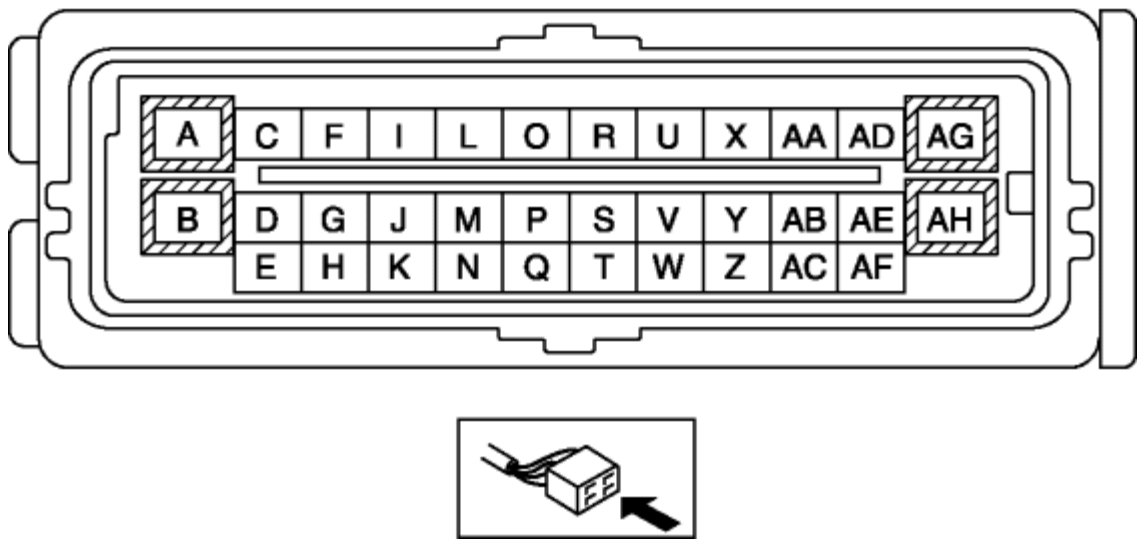
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Terminal Voltage Table (Reference)

DSC HU/CM WIRING HARNESS-SIDE CONNECTOR



Terminal	Signal name	Connected to	Measured item	Measured terminal (measured condition)	Standard	Inspection item (s)
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B	Ground (ABS motor)	Ground point	Continuity	B—ground point	Continuity detected	Wiring harness (B—ground point)
	Brake	Brake		C—brake switch	Continuity	Wiring harness

C	switch	switch	Continuity	terminal	detected	(C—brake switch)
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E	CAN_H	DLC-2 (CAN_H)	This terminal is used for communication and cannot be used for malfunction determination during terminal voltage inspection. Perform a DTC inspection.			
F	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.			
G	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.			
H	—	—	—	—	—	—
I	LR wheel-speed sensor (-)	LR ABS wheel-speed sensor	Continuity	I—LR ABS wheel-speed sensor connector terminal A	Continuity detected	Wiring harness (I—LR ABS wheel-speed sensor connector terminal A)
J	RR wheel-speed sensor (-)	RR ABS wheel-speed sensor	Continuity	J—RR ABS wheel-speed sensor connector terminal A	Continuity detected	Wiring harness (J—RR ABS wheel-speed sensor connector terminal A)
K	—	—	—	—	—	—
L	LR wheel-speed sensor (+)	LR ABS wheel-speed sensor	Continuity	L—LR ABS wheel-speed sensor connector terminal B	Continuity detected	Wiring harness (L—LR ABS wheel-speed sensor connector terminal B)
M	RR wheel-speed sensor (+)	RR ABS wheel-speed sensor	Continuity	M—RR ABS wheel-speed sensor connector terminal B	Continuity detected	Wiring harness (M—RR ABS wheel-speed sensor connector terminal B)

N	—	—	—	—	—	—
O	RF wheel-speed sensor (-)	RF ABS wheel-speed sensor	Continuity	O—RF ABS wheel-speed sensor connector terminal A	Continuity detected	Wiring harness (O—RF ABS wheel-speed sensor connector terminal A)
P	LF wheel-speed sensor (-)	LF ABS wheel-speed sensor	Continuity	P—LF ABS wheel-speed sensor connector terminal A	Continuity detected	Wiring harness (P—LF ABS wheel-speed sensor connector terminal A)
Q	—	—	—	—	—	—
R	RF wheel-speed sensor (+)	RF ABS wheel-speed sensor	Continuity	R—RF ABS wheel-speed sensor connector terminal B	Continuity detected	Wiring harness (R—RF ABS wheel-speed sensor connector terminal B)
S	LF wheel-speed sensor (+)	LF ABS wheel-speed sensor	Continuity	S—LF ABS wheel-speed sensor connector terminal B	Continuity detected	Wiring harness (S—LF ABS wheel-speed sensor connector terminal B)
T	DSC OFF switch	DSC OFF switch	Continuity	T—DSC OFF switch	Continuity detected	Wiring harness (T—DSC OFF switch)
U	—	—	—	—	—	—
V	—	—	—	—	—	—
W	—	—	—	—	—	—
X	—	—	—	—	—	—
Y	—	—	—	—	—	—
Z	—	—	—	—	—	—
AA	—	—	—	—	—	—

AB	—	—	—	—	—	—
AC	—	—	—	—	—	—
AD	—	—	—	—	—	—
AE	—	—	—	—	—	—
AF	Power supply (system)	Ignition	Voltage	Switch the ignition to ON.	B+	Wiring harness (AF—ignition)
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AG	Power supply (solenoid operation)	Battery	Voltage	Under any condition	B+	Wiring harness (AG—battery)
AH	Power supply (ABS motor operation)	Battery	Voltage	Under any condition	B+	Wiring harness (AH—battery)