2012 - Mazda6 - Body and Accessories

DTC TABLE [BCM]

DTC table

DTC No.	Description	Detection condition	Page
B1D35:11	Hazard warning switch circuit malfunction	Short to ground detected in hazard warning switch circuit with the hazard warning switch off.	(See **DTC B1D35:11 [BCM]**.)
B1D36:11	Turn switch circuit malfunction	Short to ground detected in turn switch circuit with the turn switch off.	(See **DTC B1D36:11 [BCM]**.)
B10D0:11*2	Trunk lid opener switch (vehicle exterior) circuit malfunction	Short to ground detected in trunk lid opener switch (vehicle exterior) circuit with the ignition switch ON.	(See **DTC B10D0:11 [BCM]**.)
B1048:11	Brake fluid level sensor circuit malfunction	Short to ground in brake fluid level sensor circuit with the brake fluid amount on the upper side of the minimum.	(See **DTC B1048:11 [BCM]**.)
B1079:13*1	Hood latch switch circuit malfunction	Open circuit detected in hood latch switch circuit with the hood closed (hood latch switch on).	(See **DTC B1079:13 [BCM]**.)
B108F:16	Door lock switch circuit malfunction	The voltage of door lock switch circuit is **less than 3.75 V** with the door lock switch off.	(See **DTC B108F:16 [BCM]**.)
B11C0:13	Rear door latch switch (driver-side) circuit malfunction	Open circuit detected in rear door latch switch (driver-side) circuit with the rear door (driver-side) closed {rear door latch switch (driver-side) on}.	(See **DTC B11C0:13 [BCM]**.)
		Open circuit detected in rear	

B11C1:13	Rear door latch switch (passenger-side) circuit malfunction	door latch switch (passenger-side) circuit with the rear door (passenger-side) closed {rear door latch switch (passenger-side) on}.	(See **DTC B11C1:13 [BCM]**.)
B11DA:11	Front door key cylinder switch (driver-side) circuit malfunction	Short to ground detected in front door key cylinder switch (driver-side) circuit with the front door key cylinder switch (driver-side) off.	(See **DTC B11DA:11 [BCM]**.)
B113E:11	Trunk lid opener switch (vehicle interior) circuit malfunction	Short to ground in trunk lid opener switch (vehicle interior) circuit with the trunk lid opener switch (vehicle interior) off.	(See **DTC B113E:11 [BCM]**.)
B1172:11*1	Front door lock-link switch (driver-side) circuit malfunction	Short to ground detected in front door lock-link switch (driver-side) unlock-side circuit with the front door lock-link switch (driver-side) locked.	(See **DTC B1172:11 [BCM]**.)
B1172:13*1	Front door lock-link switch (driver-side) circuit malfunction	Open circuit detected in front door lock-link switch (driver-side) unlock-side circuit with the front door lock-link switch (driver-side) unlocked.	(See **DTC B1172:13 [BCM]**.)
B1174:11*5	Door lock-link switch circuit malfunction	Short to ground detected in door lock-link switch circuit with the door lock-link switch locked.	(See **DTC B1174:11 [BCM]**.)
B1174:13*1	Door lock-link switch circuit malfunction	Open circuit detected in door lock-link switch circuit with the door lock-link switch unlocked.	(See **DTC B1174:13 [BCM]**.)
B1175:13	Front door latch switch (driver-side) circuit malfunction	Open circuit detected in front door latch switch (driver-side) circuit with the front door (driver-side) closed {front door latch switch (driver-side) on}.	(See **DTC B1175:13 [BCM]**.)
B1176:13	Front door latch switch (passenger-side) circuit	Open circuit detected in front door latch switch (passenger-side) circuit with the front door (passenger-side) closed	(See **DTC B1176:13 [BCM]**.)

	malfunction	{front door latch switch (passenger-side) on}.	
B1178:11	Trunk lid latch switch circuit malfunction	Short to ground detected in trunk lid latch switch circuit with the trunk closed (trunk lid latch switch off).	(See **DTC B1178:11 [BCM]**.)
B126A:11*5	Front door lock-link switch (driver-side) circuit malfunction	Short to ground detected in front door lock-link switch (driver-side) lock-side circuit with the front door lock-link switch (driver-side) unlocked.	(See **DTC B126A:11 [BCM]**.)
B126A:13*5	Front door lock-link switch (driver-side) circuit malfunction	Open circuit detected in front door lock-link switch (driver-side) lock-side circuit with the front door lock-link switch (driver-side) locked.	(See **DTC B126A:13 [BCM]**.)
C0051:04*4	Steering angle sensor internal malfunction	• Z phase is abnormal. • Detected steering angle exceeds the specified value.	(See **DTC C0051:04 [BCM]**.)
C0051:2F*4	Steering angle sensor signal error	Detected error in a combination of signals from each sensor (A, B, C, D).	(See **DTC C0051:2F/ C0052:11/ C0052:13/ C0053:11/ C0053:13/ C0054:11/ C0054:13/ C0055:11/ C0055:13 [BCM]**.)
C0052:11*4	Steering angle sensor A signal input circuit error	The voltage lower than the specification is detected for **0.1 s**.	
C0052:13*4		The voltage higher than the specification is detected for **0.1 s**.	
C0053:11*4	Steering angle sensor B signal input circuit error	The voltage lower than the specification is detected for **0.1 s**.	
C0053:13*4		The voltage higher than the specification is detected for **0.1 s**.	

C0054:11*4	Steering angle sensor C signal input circuit error	The voltage lower than the specification is detected for **0.1 s**.	
C0054:13*4		The voltage higher than the specification is detected for **0.1 s**.	
C0055:11*4	Steering angle sensor D signal input circuit error	The voltage lower than the specification is detected for **0.1 s**.	
C0055:13*4		The voltage higher than the specification is detected for **0.1 s**.	
C1137:12	**MZR 2.5/ ATX** • Transaxle range switch circuit malfunction **MZR 2.5/ MTX** • Back-up light switch circuit malfunction **MZI 3.7 V6** • Back-up light relay circuit malfunction	**MZR 2.5/ ATX** • Short to power supply in transaxle range switch circuit with the selector lever in P or N position (transaxle range switch off). **MZR 2.5/ MTX** • Short to power supply in back-up light switch circuit with the shift lever in NEUTRAL (back-up light switch off). **MZI 3.7 V6** • Short to power supply in back-up light relay circuit with the selector lever in P or N position.	(See **DTC C1137:12 [BCM]**.)

P1536:13	Parking brake switch circuit malfunction	Open circuit detected in parking brake switch circuit with the parking brake lever applied (parking brake switch on).	(See **DTC P1536:13 [BCM]**.)
U0001:88	Unit communication error (HS–CAN)	CAN system error with BCM.	(See **FOREWORD [MULTIPLEX COMMUNICATION SYSTEM]**.)
U0100:00	Communication error to PCM	Communication error between PCM and BCM.	
U0101:00*3	Communication error to TCM	Communication error between TCM and BCM.	
U0151:00	Communication error to SAS control module	Communication error between SAS control module and BCM.	
U0214:00*2	Communication error to keyless control module	Communication error between keyless control module and BCM.	
U0300:00	BCM configuration setting invalid	**WARNING:** • Detection conditions are for understanding the DTC outline before performing an inspection. Performing an inspection according to only the detection conditions may cause injury due to an operating error, or damage the system. When performing an inspection, always follow the inspection procedure. • BCM	(See **DTC U0300:00 [BCM]**.)

		configuration setting not done correctly.	
U0401:68	Signal error from PCM	Correct data cannot be received from PCM.	(See **DTC U0401:68 [BCM]**.)
U0402:68*3	Signal error from TCM	Correct data cannot be received from TCM.	(See **DTC U0402:68 [BCM]**.)
U2100:00	BCM configuration not set	**WARNING:** • Detection conditions are for understanding the DTC outline before performing an inspection. Performing an inspection according to only the detection conditions may cause injury due to an operating error, or damage the system. When performing an inspection, always follow the inspection procedure. • BCM configuration setting not done correctly.	(See **DTC U2100:00 [BCM]**.)
U3000:04	BCM internal malfunction	BCM internal ECU is faulted.	(See **DTC U3000:04 [BCM]**.)
U3003:16	BCM power supply circuit malfunction	BCM power supply voltage is low (**less than 9 V**).	(See **DTC U3003:16/ U3003:17 [BCM]**.)
U3003:17		BCM power supply voltage is high (**more than 16 V**).	

*1 **Vehicles with theft-deterrent system**

*2 **Vehicles with advanced keyless entry and push button start system**

*3 **ATX**

*4 **Vehicles with steering angle sensor**

*5 **Vehicles with theft-deterrent system**

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		Open circuit detected in rear	

B11C1:13	Rear door latch switch (passenger-side) circuit malfunction	door latch switch (passenger-side) circuit with the rear door (passenger-side) closed {rear door latch switch (passenger-side) on}.	(See **DTC B11C1:13 [BCM]**.)
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B113E:11	Trunk lid opener switch (vehicle interior) circuit malfunction	Short to ground in trunk lid opener switch (vehicle interior) circuit with the trunk lid opener switch (vehicle interior) off.	(See **DTC B113E:11 [BCM]**.)
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B1175:13	Front door latch switch (driver-side) circuit malfunction	Open circuit detected in front door latch switch (driver-side) circuit with the front door (driver-side) closed {front door latch switch (driver-side) on}.	(See **DTC B1175:13 [BCM]**.)
B1176:13	Front door latch switch (passenger-side) circuit	Open circuit detected in front door latch switch (passenger-side) circuit with the front door (passenger-side) closed	(See **DTC B1176:13 [BCM]**.)

	malfunction	{front door latch switch (passenger-side) on}.	
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