

2012 - Mazda6 - Body and Accessories

DTC U2100:00 [BCM]

DESCRIPTION	BCM configuration not set	
DETECTION CONDITION	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.	
POSSIBLE CAUSE	• BCM configuration not implemented • BCM malfunction	

Diagnostic Procedure

Step	Inspection		Action
1	PERFORM DTC INSPECTION • Clear the DTC from the BCM memory using the M-MDS. (See CLEARING DTC [BCM] .) • Perform the BCM DTC inspection using the M-MDS. (See DTC INSPECTION [BCM] .) • Is the same DTC present?	Yes	Go to the next step.
		No	Go to Step 4.
2	PERFORM BCM CONFIGURATION • Perform the BCM configuration using the M-MDS. • Clear the DTC from the BCM memory using the M-MDS. (See CLEARING DTC [BCM] .)	Yes	Perform the BCM configuration again, then go to the next step.
		No	Go to Step 4.

	- Perform the BCM DTC inspection using the M-MDS. (See DTC INSPECTION [BCM] .) - Is the same DTC present?		
3	VERIFY TROUBLESHOOTING COMPLETED - Clear the DTC from the BCM memory using the M-MDS. (See CLEARING DTC [BCM] .) - Perform the BCM DTC inspection using the M-MDS. (See DTC INSPECTION [BCM] .) - Is the same DTC present?	Yes	Replace the BCM, then go to the next step.
		No	Go to the next step.
4	VERIFY THAT NO OTHER DTCs ARE PRESENT Are any DTCs present?	Yes	Go to the applicable DTC inspection.
		No	DTC troubleshooting completed.

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POSSIBLE CAUSE	• BCM configuration not implemented • BCM malfunction	

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1	PERFORM DTC INSPECTION • Clear the DTC from the BCM memory using the M-MDS. (See CLEARING DTC [BCM] .) • Perform the BCM DTC inspection using the M-MDS. (See DTC INSPECTION [BCM] .) • Is the same DTC present?	Yes	Go to the next step.
		No	Go to Step 4.
2	PERFORM BCM CONFIGURATION • Perform the BCM configuration using the M-MDS. • Clear the DTC from the BCM memory using the M-MDS. (See CLEARING DTC [BCM] .)	Yes	Perform the BCM configuration again, then go to the next step.
		No	Go to Step 4.

	- Perform the BCM DTC inspection using the M-MDS. (See DTC INSPECTION [BCM].) - Is the same DTC present?		
3	VERIFY TROUBLESHOOTING COMPLETED - Clear the DTC from the BCM memory using the M-MDS. (See CLEARING DTC [BCM].) - Perform the BCM DTC inspection using the M-MDS. (See DTC INSPECTION [BCM].) - Is the same DTC present?	Yes	Replace the BCM, then go to the next step.
		No	Go to the next step.
4	VERIFY THAT NO OTHER DTCs ARE PRESENT Are any DTCs present?	Yes	Go to the applicable DTC inspection.
		No	DTC troubleshooting completed.