

2012 - Mazda6 - Body and Accessories

NO.8 THE BSM INDICATOR LIGHT DOES NOT FLASH OR ILLUMINATE CONTINUOUSLY, BUT A TURN SIGNAL IS ON [BLIND SPOT MONITORING (BSM)]

8	The BSM indicator light does not flash or illuminate continuously, but a turn signal is ON
DESCRIPTION	- BSM warning alarm sounds but BSM indicator light does not flash - BSM warning alarm is triggered on side opposite to the direction in which turn signal is operated
Possible Causes	- Instrument cluster receives incorrect BSM warning alarm request signal - Communication error between BSM control module and instrument cluster - Instrument cluster malfunction

Diagnostic Procedure

Step	Inspection	Action
1	INSPECT BSM WARNING ALARM - Turn off the BSM warning alarm using the M-MDS instrument cluster active command modes ALARM. (See ACTIVE COMMAND MODES TABLE [INSTRUMENT CLUSTER].) - Does the BSM warning alarm turn off according to the active command modes?	YesGo to the next step.
		No Replace the instrument cluster. (See INSTRUMENT CLUSTER REMOVAL/ INSTALLATION .)
2	VERIFY DTCs - Retrieve DTCs from the BSM control module and instrument cluster using the M-MDS. (See DTC INSPECTION [INSTRUMENT CLUSTER].) (See DTC INSPECTION [BLIND SPOT MONITORING (BSM)].)	YesGo to the applicable DTC inspection. (See DTC TABLE [INSTRUMENT CLUSTER] .) (See DTC TABLE [BLIND SPOT MONITORING (BSM)] .)
		No Go to the next step.

	• Are any DTCs displayed?		
3	VERIFY BSM INDICATOR LIGHT CONDITION • Verify the BSM indicator light illumination condition while under the BSM indicator light-illumination conditions (vehicle speed above 32 km/ h { 20 mph} or more, turn signals off, and vehicle in warning zone). • Does the BSM indicator light illuminate normally?	Yes	Replace the BSM control module. (See BLIND SPOT MONITORING (BSM) CONTROL MODULE REMOVAL/ INSTALLATION.)
		No	Go to the symptom troubleshooting procedure, "No.5 BSM indicator light does not illuminate while under BSM indicator light-illumination conditions". (See NO.5 BSM INDICATOR LIGHT DOES NOT ILLUMINATE WHILE UNDER BSM INDICATOR LIGHT-I LLUMINATION CONDITIONS [BLIND SPOT MONITORING (BSM)] .)

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