

2012 - Mazda6 - Body and Accessories

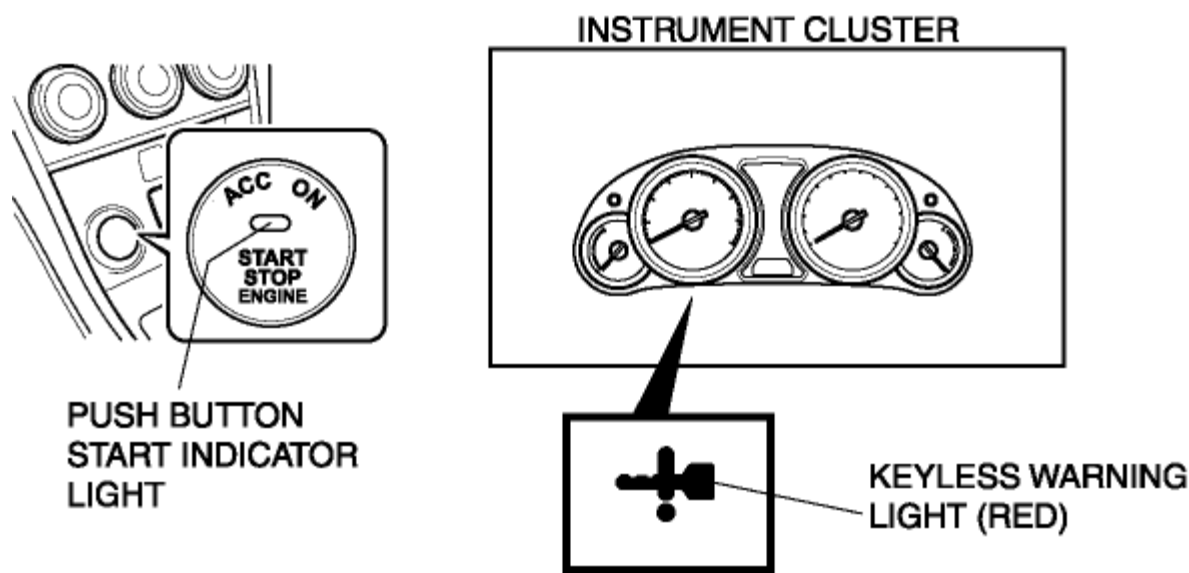
DTC U3000:49 [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM]

WARNING:

- If this DTC is detected, the system will enter the fail-safe function to ensure safety. If the vehicle is left as it is for a specified time limit or more, or the ignition is operated a specified number of times or more while the fail-safe function is operating, the ignition will remain stuck in off and it is possible that the engine cannot be started. Therefore, perform the malfunction diagnosis while the engine can be started. In addition, after having performed the malfunction diagnosis, verify that this DTC is not detected with the steering wheel locked. If the DTC is not detected, the system returns to normal from the fail-safe function.

NOTE:

- When the system enters the fail-safe function, the keyless warning light and the push button start indicator light illuminate as follows:
 - When the clutch pedal (MTX) or the brake pedal (ATX) is depressed while the ignition is switched off, both lights illuminate (red).
 - When the ignition is switched to ACC or ON, both lights illuminate (red) constantly.



DETECTION CONDITION	Keyless control module internal malfunction
POSSIBLE CAUSE	• Keyless control module malfunction

Diagnostic Procedure

Step	Inspection	Action
1	PERFORM DTC INSPECTION - Perform the following procedure within 5 min. - Clear the DTC from keyless control module memory using the M-MDS. (See CLEARING DTC [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .) - Switch the ignition to off, then open the door to lock the steering. - Perform the advanced keyless entry and push button start system DTC inspection using the M-MDS. (See DTC INSPECTION [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .) - Is the same DTC present?	Yes Replace the keyless control module, then go to the next step. (See KEYLESS CONTROL MODULE REMOVAL/ INSTALLATION [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
		No Go to the next step.
2	VERIFY THAT NO OTHER DTCs ARE PRESENT Are any DTCs present?	Yes Go to the applicable DTC inspection. (See DTC TABLE [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
		No DTC troubleshooting completed.

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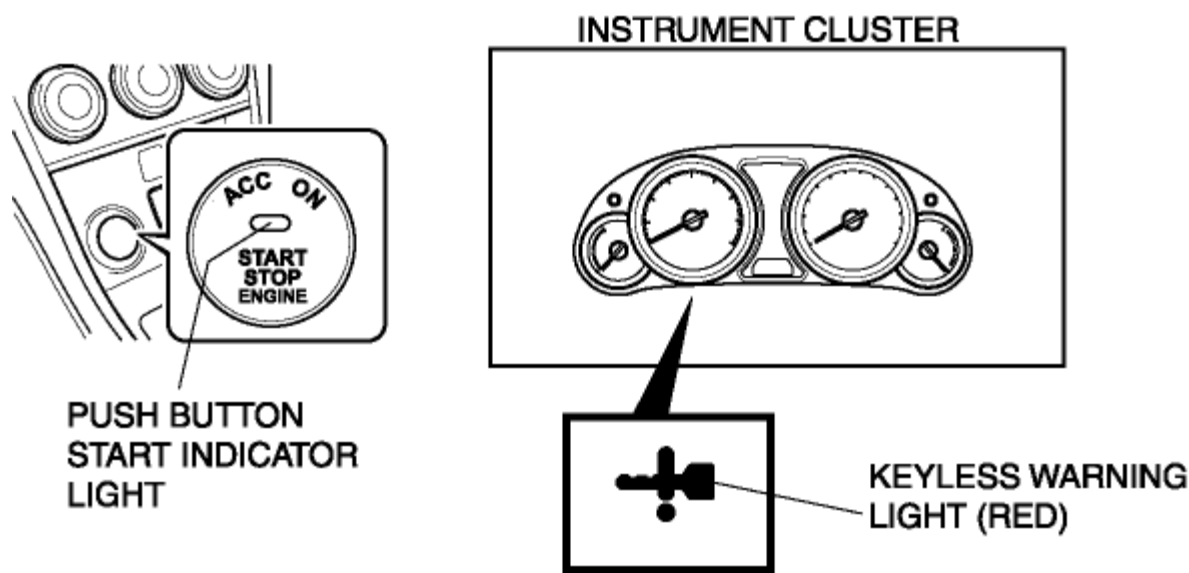
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