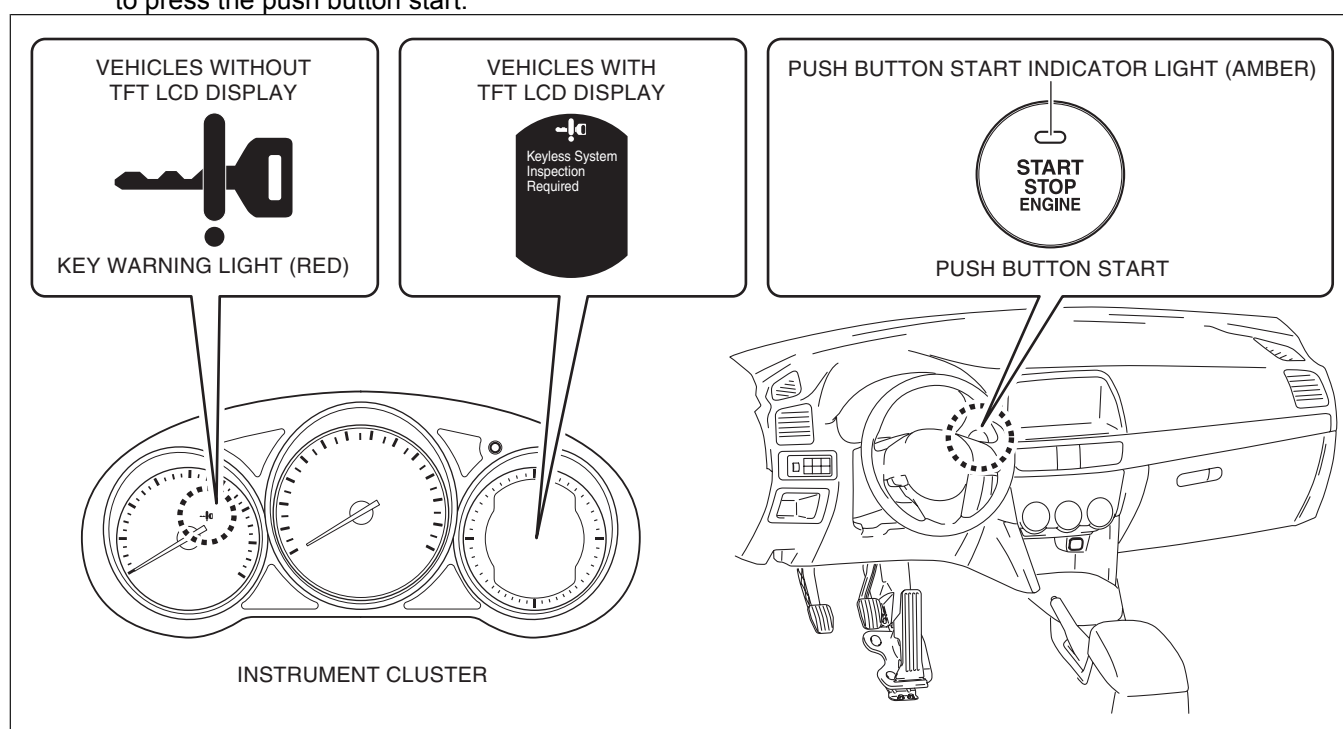


**Warning**

- If this DTC is detected, the system will enter the fail-safe function to ensure safety. If a specified period of time has elapsed or the vehicle has been driven for a specified period of time or more while in fail-safe mode, the ignition will remain stuck in off and the engine cannot be started. Therefore, perform the malfunction diagnosis while the engine can be started. In addition, after performing 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**

- If the vehicle is in the following condition while in fail-safe mode, the KEY warning indicator light (red) illuminates and the push button start indicator light (amber) flashes.
  - Switch the ignition to ACC or ON (engine off or on).
  - Depress the brake pedal (ATX) / clutch pedal (MTX).
- In addition to the normal engine starting operation while cranking the engine in fail-safe mode, it is necessary to press the push button start.



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<b>System malfunction location</b>	<b>Start stop unit internal malfunction</b>
<b>Detection condition</b>	<ul style="list-style-type: none"> <li>• Malfunction inside start stop unit detected.</li> </ul>
<b>Fail-safe</b>	<ul style="list-style-type: none"> <li>• The system will enter the fail-safe function to ensure safety. If a specified period of time has elapsed or the vehicle has been driven for a specified period of time or more while in fail-safe mode, the ignition will remain stuck in off and the engine cannot be started.</li> </ul>
<b>Possible cause</b>	<ul style="list-style-type: none"> <li>• Start stop unit internal malfunction</li> </ul>
<b>System wiring diagram</b>	—

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**Diagnostic Procedure**

Step	Inspection	Action	
1	<b>PERFORM DTC INSPECTION AND VERIFY IF MALFUNCTIONING PART IS START STOP UNIT</b> <ul style="list-style-type: none"><li>• Clear DTC for the start stop unit using the M-MDS. (See CLEARING DTC [START STOP UNIT].)</li><li>• Perform the DTC inspection for the start stop unit using the M-MDS. (See DTC INSPECTION [START STOP UNIT].)</li><li>• Is DTC U3000:49 displayed?</li></ul>	Yes	Replace the start stop unit, then go to the next step. (See START STOP UNIT REMOVAL/INSTALLATION.)
		No	Go to the next step.
2	<b>VERIFY IF OTHER DTCs DISPLAYED</b> <ul style="list-style-type: none"><li>• Are any other DTCs displayed?</li></ul>	Yes	Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [START STOP UNIT].)
		No	DTC troubleshooting completed.