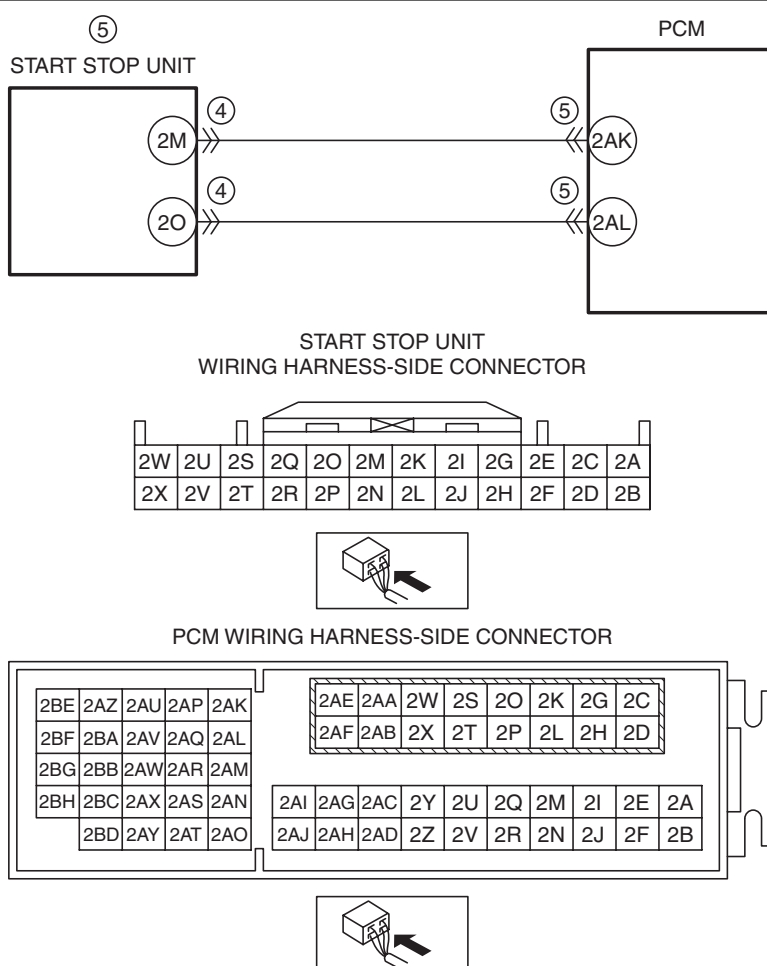


<b>DTC U0338:00</b>	<b>Start stop unit error</b>
<b>DETECTION CONDITION</b>	<ul style="list-style-type: none"> <li>When any of the following conditions is met: <ul style="list-style-type: none"> <li>CAN communication line between start stop unit and PCM malfunction</li> <li>Start stop unit internal malfunction</li> </ul> </li> </ul> <b>Diagnostic support note</b> <ul style="list-style-type: none"> <li>This is a continuous monitor (other).</li> <li>The check engine light does not illuminate.</li> <li>FREEZE FRAME DATA (Mode 2)/Snapshot data is not available.</li> <li>The DTC is stored in the PCM memory.</li> </ul>
<b>FAIL-SAFE FUNCTION</b>	—
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"> <li>CAN drive error (instrument cluster or PCM)</li> <li>CAN communication line between start stop unit and PCM malfunction</li> <li>Start stop unit connector or terminals malfunction</li> <li>PCM connector or terminals malfunction</li> <li>Start stop unit malfunction</li> <li>PCM malfunction</li> </ul>

**Diagnostic Procedure**

STEP	INSPECTION		ACTION
1	<b>VERIFY RELATED SERVICE INFORMATION AVAILABILITY</b> <ul style="list-style-type: none"> <li>Verify related Service Information availability.</li> <li>Is any related Service Information available?</li> </ul>	Yes	Perform repair or diagnosis according to the available Service Information. <ul style="list-style-type: none"> <li>If the vehicle is not repaired, go to the next step.</li> </ul>
		No	Go to the next step.

STEP	INSPECTION		ACTION
2	<b>VERIFY DTC FOR MODULE COMMUNICATION</b> <ul style="list-style-type: none"> <li>Switch the ignition to off, then to ON (engine off).</li> <li>Perform the DTC Reading Procedure. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0].)</li> <li>Are any other PENDING CODEs and/or DTCs present?</li> </ul>	Yes	Go to the applicable PENDING CODE or DTC inspection. (See DTC TABLE [SKYACTIV-G 2.0].)
		No	Go to the next step.
3	<b>CONFIRM START STOP UNIT DTC</b> <ul style="list-style-type: none"> <li>Perform the start stop unit DTC inspection using the M-MDS. (See DTC INSPECTION [START STOP UNIT].)</li> <li>Are any DTCs present?</li> </ul>	Yes	Go to the applicable DTC inspection. (See DTC TABLE [START STOP UNIT].)
		No	Go to the next step.
4	<b>INSPECT START STOP UNIT CONNECTOR CONDITION</b> <ul style="list-style-type: none"> <li>Switch the ignition to off.</li> <li>Disconnect the start stop unit connector.</li> <li>Inspect for poor connection (such as damaged/pulled-out pins, corrosion).</li> <li>Is there any malfunction?</li> </ul>	Yes	Repair or replace the connector and/or terminals, then go to Step 6.
		No	Go to the next step.
5	<b>INSPECT PCM CONNECTOR CONDITION</b> <ul style="list-style-type: none"> <li>Disconnect the PCM connector.</li> <li>Inspect for poor connection (such as damaged/pulled-out pins, corrosion).</li> <li>Is there any malfunction?</li> </ul>	Yes	Repair or replace the connector and/or terminals, then go to the next step.
		No	Start stop unit can be considered the cause. <ul style="list-style-type: none"> <li>Replace the start stop unit, then go to the next step. (See START STOP UNIT REMOVAL/INSTALLATION.)</li> </ul>
6	<b>VERIFY DTC TROUBLESHOOTING COMPLETED</b> <ul style="list-style-type: none"> <li>Make sure to reconnect all disconnected connectors.</li> <li>Clear the DTC from the PCM memory using the M-MDS. (See AFTER REPAIR PROCEDURE [SKYACTIV-G 2.0].)</li> <li>Perform the KOEO or KOER self test. (See KOEO/KOER SELF TEST [SKYACTIV-G 2.0].)</li> <li>Is the same DTC present?</li> </ul>	Yes	Repeat the inspection from Step 1. <ul style="list-style-type: none"> <li>If the malfunction recurs, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0].)</li> </ul> Go to the next step.
		No	Go to the next step.
7	<b>VERIFY AFTER REPAIR PROCEDURE</b> <ul style="list-style-type: none"> <li>Perform the "AFTER REPAIR PROCEDURE". (See AFTER REPAIR PROCEDURE [SKYACTIV-G 2.0].)</li> <li>Are any DTCs present?</li> </ul>	Yes	Go to the applicable DTC inspection. (See DTC TABLE [SKYACTIV-G 2.0].)
		No	DTC troubleshooting completed.