

**DTC U2101:00/U2300:52/U2300:54/U2300:55/U2300:56/U2300:64 [DYNAMIC STABILITY CONTROL (DSC)]**

id0402b2862800

DTC	U2101:00, U2300:52, U2300:54, U2300:55, U2300:56, U2300:64	Configuration data not recorded
<b>DETECTION CONDITION</b>	• DSC CM detects configuration data not record or data error	
<b>FAIL-SAFE FUNCTION</b>	<ul style="list-style-type: none"> <li>• Illuminates the ABS warning light, TCS/DSC indicator light, and master warning light*<sup>1</sup>.</li> <li>• Tire pressure monitoring system warning light illuminates after flashes.</li> <li>• Inhibits the ABS, TCS, DSC, roll over mitigation (ROM), brake assist control, vehicle roll prevention function*<sup>2</sup>, hill launch assist (HLA), TPMS, smart city brake support (SCBS)*<sup>1</sup>, and secondary collision reduction (SCR) controls.</li> </ul> <p>*<sup>1</sup>: Vehicles with smart city brake support (SCBS)  *<sup>2</sup>: ATX only</p>	
<b>POSSIBLE CAUSE</b>	<ul style="list-style-type: none"> <li>• Module configuration procedure is not done properly</li> <li>• Correct data cannot be received from instrument cluster</li> <li>• Another vehicles control modules been installed</li> </ul>	
<b>SYSTEM WIRING DIAGRAM</b>	—	

**Diagnostic procedure**

STEP	INSPECTION	ACTION
1	<b>RECORD THE CAR CONFIGURATION DATA</b> <ul style="list-style-type: none"> <li>• Switch the ignition to off.</li> <li>• Switch the ignition ON (engine off) and wait for <b>10 s or more</b>.</li> <li>• Switch the ignition to off and wait for <b>3 s or more</b>.</li> <li>• Switch the ignition ON (engine off) and wait for <b>3 s or more</b>.</li> </ul>	Go to the next step.
2	<b>VERIFY THAT THE SAME DTC IS NOT PRESENT</b> <ul style="list-style-type: none"> <li>• Clear the DTCs from the memory. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)</li> <li>• Are the same DTCs present?</li> </ul>	Yes Repeat the inspection from Step 1. If the malfunction recurs, go to the next step.
		No Go to Step 6.
3	<b>VERIFY IF PARTS FROM ANOTHER VEHICLE INSTALLED TO INSTRUMENT CLUSTER, PCM OR DSC HU/CM</b> <ul style="list-style-type: none"> <li>• Verify if an instrument cluster, PCM or DSC HU/CM from another vehicle is installed.</li> <li>• Has an instrument cluster, PCM, DSC HU/CM or other vehicle part been installed to vehicle?</li> </ul>	Yes Install the correct instrument cluster, PCM or DSC HU/CM, then go to Step 1. (See INSTRUMENT CLUSTER REMOVAL/INSTALLATION.) (See PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].) (See DSC HU/CM REMOVAL/INSTALLATION.)
		No Go to the next step.
4	<b>INSPECT FOR INSTRUMENT CLUSTER/PCM MALFUNCTION</b> <ul style="list-style-type: none"> <li>• Switch the ignition to off.</li> <li>• Using the M-MDS, perform the DTC inspection for the instrument cluster and PCM. (See DTC INSPECTION [INSTRUMENT CLUSTER].) (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].)</li> <li>• Are any DTCs detected?</li> </ul>	Yes Go to applicable DTC inspection. (See DTC TABLE [INSTRUMENT CLUSTER].) (See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See DTC TABLE [SKYACTIV-D 2.2].)
		No Go to the next step.
5	<b>VERIFY THAT THE SAME DTC IS NOT PRESENT</b> <ul style="list-style-type: none"> <li>• Clear the DTCs from the memory. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)</li> <li>• Are the same DTCs present?</li> </ul>	Yes Repeat the inspection from Step 1.
		No Go to the next step.
6	<b>VERIFY THAT NO OTHER DTCS ARE PRESENT</b> <ul style="list-style-type: none"> <li>• Are any other DTCs output?</li> </ul>	Yes Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)
		No DTC troubleshooting completed.