

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

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

Diagnostic procedure

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