

DTC U0401:00 [DYNAMIC STABILITY CONTROL (DSC)]

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DTC	U0401:00	Abnormal message from PCM
DETECTION CONDITION	• Correct data cannot be received from PCM	
FAIL-SAFE FUNCTION	<ul style="list-style-type: none">• Illuminates the TCS/DSC indicator light^{*1} and master warning light^{*1*2}.• Tire pressure monitoring system warning light illuminates after flashes. (Not illuminated/flushed depending on malfunction content.)• Inhibits the TCS^{*3}, DSC^{*3}, roll over mitigation (ROM)^{*3}, vehicle roll prevention function^{*3*4}, hill launch assist (HLA)^{*3}, TPMS^{*3}, smart city brake support (SCBS)^{*2*3}, and secondary collision reduction (SCR)^{*3} controls. <p>^{*1}: Not illuminated depending on malfunction content. ^{*2}: Vehicles with smart city brake support (SCBS) ^{*3}: Enabled depending on malfunction content. ^{*4}: ATX only</p>	
POSSIBLE CAUSE	• PCM malfunction	
SYSTEM WIRING DIAGRAM	—	

Diagnostic procedure

STEP	INSPECTION		ACTION
1	INSPECT FOR PCM MALFUNCTION <ul style="list-style-type: none">• Switch the ignition to off.• Using the M-MDS, perform the DTC inspection for the PCM. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].)• Are any DTCs detected?	Yes	Go to applicable DTC inspection. (See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See DTC TABLE [SKYACTIV-D 2.2].)
		No	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, replace the PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
		No	Go to the next step.
3	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.