

DTC C0001:01/C0002:01/C0003:01/C0004:01/C0010:01/C0011:01/C0014:01/C0015:01/C0018:01/C0019:01/C001C:01/C001D:01 [DYNAMIC STABILITY CONTROL (DSC)]

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DTC	C0001:01, C0002:01	Traction control solenoid valve system
	C0003:01, C0004:01	Stability control solenoid valve system
	C0010:01	LF inlet solenoid valve system
	C0011:01	LF outlet solenoid valve system
	C0014:01	RF inlet solenoid valve system
	C0015:01	RF outlet solenoid valve system
	C0018:01	LR inlet solenoid valve system
	C0019:01	LR outlet solenoid valve system
	C001C:01	RR inlet solenoid valve system
	C001D:01	RR outlet solenoid valve system
DETECTION CONDITION	<ul style="list-style-type: none"> Malfunction detected in the DSC HU/CM solenoid valve or internal circuit by the DSC HU/CM on-board diagnostic function 	
FAIL-SAFE FUNCTION	<ul style="list-style-type: none"> Illuminates the ABS warning light, brake system warning light, TCS/DSC indicator light, and master warning light^{*1}. Inhibits the ABS, EBD, TCS, DSC, roll over mitigation (ROM), brake assist control, vehicle roll prevention function^{*2}, hill launch assist (HLA), smart city brake support (SCBS)^{*1}, and secondary collision reduction (SCR) controls. <p>^{*1}: Vehicles with smart city brake support (SCBS)</p> <p>^{*2}: ATX only</p>	
POSSIBLE CAUSE	<ul style="list-style-type: none"> Open or short circuit in the DSC HU/CM internal solenoid valves Solenoid valve malfunction 	
SYSTEM WIRING DIAGRAM	—	

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY SOLENOID VALVE OPERATION <ul style="list-style-type: none"> Switch the ignition to off. Connect the M-MDS to the DLC-2. Switch the ignition ON (engine off). Access the active command mode for the solenoid valve using the M-MDS. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) Does the solenoid valve operate? 	Yes Go to the next step.
		No Replace the DSC HU/CM, then go to the next step. (See DSC HU/CM REMOVAL/INSTALLATION.)
2	VERIFY DTC TROUBLESHOOTING COMPLETED <ul style="list-style-type: none"> Clear the DTC from the memory. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) Start the engine and drive the vehicle at 10 km/h {6.2 mph} or more. Gradually slow down and stop vehicle. Are the same DTCs present? 	Yes Repeat the inspection from Step 1. If the malfunction recurs, replace the DSC HU/CM, then go to the next step. (See DSC HU/CM REMOVAL/INSTALLATION.)
		No Go to the next step.
3	VERIFY AFTER REPAIR PROCEDURE <ul style="list-style-type: none"> Are any other DTCs present? 	Yes Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)
		No DTC troubleshooting completed.