

DTC C0044:01/C0044:28/C0044:54/C0044:64 [DYNAMIC STABILITY CONTROL (DSC)]

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DTC	C0044:01, C0044:28, C0044:54, C0044:64	Brake fluid pressure sensor
DETECTION CONDITION	<ul style="list-style-type: none"> • C0044:01 <ul style="list-style-type: none"> — The voltage value from the brake fluid pressure sensor is not within specification. • C0044:28, C0044:64 <ul style="list-style-type: none"> — The pressure from the brake fluid pressure sensor is not within specification. • C0044:54 <ul style="list-style-type: none"> — The brake fluid pressure sensor detects the initialization procedure has not been perform. 	
FAIL-SAFE FUNCTION	<ul style="list-style-type: none"> • C0044:01 <ul style="list-style-type: none"> — Illuminates the TCS/DSC indicator light 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}, brake assist control, vehicle roll prevention function^{*3*4}, hill launch assist (HLA)^{*3}, TPMS^{*3}, smart city brake support (SCBS)^{*1*3}, and secondary collision reduction (SCR)^{*3} controls. • C0044:28, C0044:64 <ul style="list-style-type: none"> — Illuminates the TCS/DSC indicator light and master warning light^{*1}. — Tire pressure monitoring system warning light illuminates after flashes. — Inhibits the TCS, DSC, roll over mitigation (ROM), brake assist control, vehicle roll prevention function^{*4}, hill launch assist (HLA), TPMS, smart city brake support (SCBS)^{*1}, and secondary collision reduction (SCR) controls. • C0044:54 <ul style="list-style-type: none"> — Illuminates the TCS/DSC indicator light 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}, brake assist control^{*3}, vehicle roll prevention function^{*3*4}, hill launch assist (HLA)^{*3}, TPMS^{*3}, smart city brake support (SCBS)^{*1*3}, and secondary collision reduction (SCR)^{*3} controls. <p>^{*1}: Vehicles with smart city brake support (SCBS) ^{*2}: Not illuminated depending on malfunction content. ^{*3}: Enabled depending on malfunction content. ^{*4}: ATX only</p>	
POSSIBLE CAUSE	<ul style="list-style-type: none"> • The initialization procedure for the brake fluid pressure sensor has not been performed. • Brake fluid pressure sensor malfunction • Open or short circuit in the brake fluid pressure sensor circuit in DSC HU/CM 	
SYSTEM WIRING DIAGRAM	—	

Diagnostic procedure

STEP	INSPECTION		ACTION
1	VERIFY INITIALIZATION PROCEDURE <ul style="list-style-type: none"> • Was the brake fluid pressure sensor initialization procedure been performed? 	Yes	Go to the next step.
		No	Perform the brake fluid pressure sensor initialization procedure, then go to the next step. (See DSC RELATED PARTS SENSOR INITIALIZATION PROCEDURE.)
2	VERIFY NO ABNORMALITY ON BRAKE FLUID PRESSURE SENSOR <ul style="list-style-type: none"> • Clear the DTCs 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. • Are the same DTCs present? 	Yes	Replace the DSC HU/CM, then go to the next step. (See DSC HU/CM REMOVAL/INSTALLATION.)
		No	Go to the next step.

STEP	INSPECTION	ACTION	
3	VERIFY THAT NO OTHER DTCS ARE PRESENT • Are any other DTCs output?	Yes	Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)
		No	DTC troubleshooting completed.