

DTC C0061:54/C0062:54/C0063:54 [DYNAMIC STABILITY CONTROL (DSC)]

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DTC	C0061:54, C0062:54, C0063:54	DSC HU/CM system (unperformed initialization procedure)
DETECTION CONDITION	<ul style="list-style-type: none"> • C0061:54 <ul style="list-style-type: none"> — DSC HU/CM detects that the initialization procedure has not been performed. (Lateral acceleration sensor) • C0062:54 <ul style="list-style-type: none"> — DSC HU/CM detects that the initialization procedure has not been performed. (Longitudinal acceleration sensor) • C0063:54 <ul style="list-style-type: none"> — DSC HU/CM detects that the initialization procedure has not been performed. (Yaw rate sensor) 	
FAIL-SAFE FUNCTION	<ul style="list-style-type: none"> • Illuminates the ABS warning light^{*1}, 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 ABS^{*3}, 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)^{*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	<ul style="list-style-type: none"> • Initialization procedure for the lateral acceleration sensor, longitudinal acceleration sensor or yaw rate sensor not performed • SAS control module malfunction • DSC HU/CM malfunction 	
SYSTEM WIRING DIAGRAM	—	

Diagnostic procedure

STEP	INSPECTION		ACTION
1	VERIFY INITIALIZATION PROCEDURE <ul style="list-style-type: none"> • Was the DSC related parts sensor initialization procedure performed? 	Yes	Go to the next step.
		No	Perform the DSC related parts sensor initialization procedure, then go to Step 3. (See DSC RELATED PARTS SENSOR INITIALIZATION PROCEDURE.)
2	INSPECT SAS CONTROL MODULE MALFUNCTION <ul style="list-style-type: none"> • Switch the ignition to off. • Using the M-MDS, perform the DTC inspection for the SAS control module. (See DTC INSPECTION.) • Are any DTCs detected? 	Yes	Go to applicable DTC inspection. (See DTC TABLE.)
		No	Go to the next step.
3	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 DSC HU/CM, then go to the next step. (See DSC HU/CM REMOVAL/INSTALLATION.)
		No	Go to the next step.
4	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.