

DTC U0452:00/U0452:86 [DYNAMIC STABILITY CONTROL (DSC)]

id0402b2905600

DTC	U0452:00, U0452:86	Abnormal message from SAS control module
DETECTION CONDITION	<ul style="list-style-type: none"> Correct data cannot be received from SAS control module 	
FAIL-SAFE FUNCTION	<ul style="list-style-type: none"> U0452:00 <ul style="list-style-type: none"> Illuminates the TCS/DSC indicator light. Inhibits the secondary collision reduction (SCR) control. U0452:86 <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"> SAS control module malfunction 	
SYSTEM WIRING DIAGRAM	—	

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT FOR 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.
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 SAS control module, then go to the next step. (See SAS CONTROL MODULE REMOVAL/ INSTALLATION.)
		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.