DTC C0089:64 [DYNAMIC STABILITY CONTROL (DSC)]

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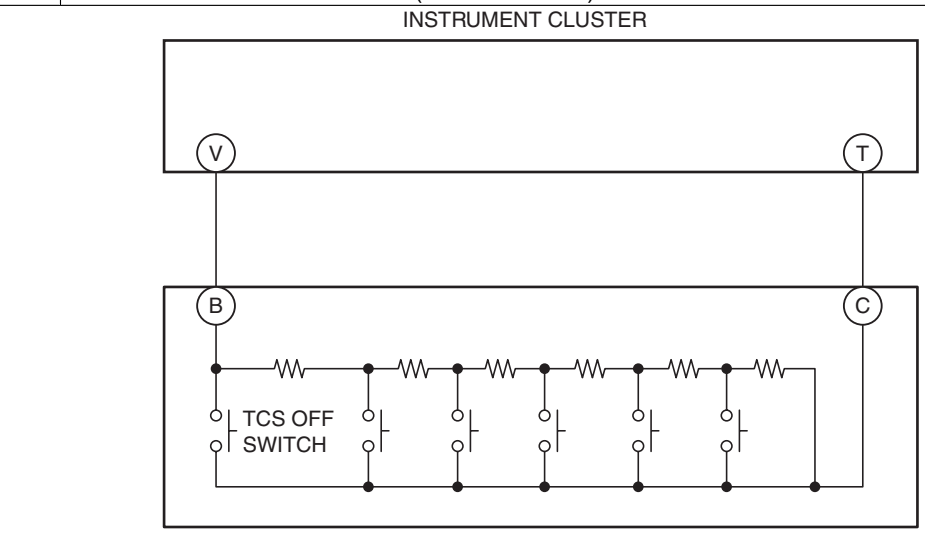
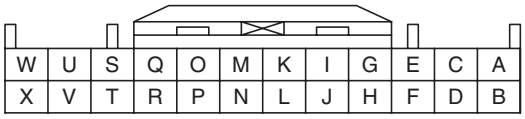
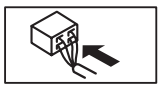
DTC	C0089:64	TCS OFF switch
DETECTION CONDITION	• Continuous ON signal from the TCS OFF switch for **10 s or more** is detected.	
FAIL-SAFE FUNCTION	• Permits the control and does not illuminate each warning/indicator light.	
POSSIBLE CAUSE	• The driver pressed and held the TCS OFF switch for **10 s or more**. • Short to ground in the wiring harness between the instrument cluster terminal V and TCS OFF switch terminal B • Open circuit in wiring harness between instrument cluster terminal T and TCS OFF switch terminal C • TCS OFF switch malfunction • Poor connection at connectors (female terminal)	

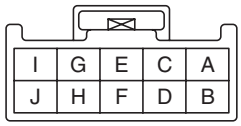


INSTRUMENT CLUSTER WIRING HARNESS-SIDE CONNECTOR





TCS OFF SWITCH WIRING HARNESS-SIDE CONNECTOR



Diagnostic procedure

STEP	INSPECTION		ACTION
1	**INSPECT FOR INSTRUMENT CLUSTER MALFUNCTION** • Switch the ignition to off. • Using the M-MDS, perform the DTC inspection for the instrument cluster. (See DTC INSPECTION [INSTRUMENT CLUSTER].) • Are any DTCs detected?	Yes	Go to applicable DTC inspection. (See DTC TABLE [INSTRUMENT CLUSTER].)
		No	Go to the next step.
2	**INSPECT TCS OFF SWITCH SIGNAL CIRCUIT FOR SHORT TO GROUND** • Disconnect the TCS OFF switch. • Disconnect the instrument cluster connector. • Inspect for continuity between the TCS OFF switch connector terminal B (vehicle harness-side) and body ground. • Is there continuity?	Yes	Repair or replace the wiring harness, then go to Step 5.
		No	Go to the next step.

STEP	INSPECTION		ACTION
3	**INSPECT TCS OFF SWITCH SIGNAL CIRCUIT FOR OPEN CIRCUIT** • Inspect for continuity between the TCS OFF switch connector terminal C (vehicle harness-side) and instrument cluster connector terminal T (vehicle harness-side). • Is there continuity?	Yes	Go to the next step.
		No	Repair or replace the wiring harness, then go to Step 5.
4	**INSPECT TCS OFF SWITCH** • Inspect the TCS OFF switch. (See TCS OFF SWITCH INSPECTION.) • Is the TCS OFF switch normal?	Yes	Go to the next step.
		No	Replace the TCS OFF switch, then go to the next step. (See TCS OFF SWITCH REMOVAL/ INSTALLATION.)
5	**VERIFY THAT THE SAME DTC IS NOT PRESENT** • Reconnect all disconnected connectors. • 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.
		No	Go to the next step.
6	**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.