

**DTC C1031:41 [DYNAMIC STABILITY CONTROL (DSC)]**

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DTC	C1031:41	Tire pressure monitoring system (TPMS) system
<b>DETECTION CONDITION</b>	• When the DSC HU/CM detects malfunction in the memory for storing a calculated tire pressure value.	
<b>FAIL-SAFE FUNCTION</b>	• Tire pressure monitoring system warning light illuminates after flashes. • Inhibits the TPMS control.	
<b>POSSIBLE CAUSE</b>	• DSC HU/CM internal error • DSC HU/CM malfunction	
<b>SYSTEM WIRING DIAGRAM</b>	—	

**Diagnostic procedure**

STEP	INSPECTION		ACTION
1	<b>INITIALIZE A TPMS MEMORY</b> <ul style="list-style-type: none"><li>• Switch the ignition to off.</li><li>• Connect the M-MDS (IDS) to DLC-2.</li><li>• After the vehicle is identified, select the following items from the initial screen of the IDS.<ol style="list-style-type: none"><li>1. Select "Chassis".</li><li>2. Select "ABS/DSC".</li><li>3. Select "TPMS DTC Reset for ABS/DSC".</li></ol></li><li>• Perform the procedure according to the directions on the screen.</li><li>• Is the initialization normally completed?</li></ul>	Yes	Go to the next step.
		No	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.)
2	<b>VERIFY THAT THE SAME DTC IS NOT PRESENT</b> <ul style="list-style-type: none"><li>• Clear the DTCs from the memory. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)</li><li>• Are the same DTCs present?</li></ul>	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	<b>VERIFY THAT NO OTHER DTCS ARE PRESENT</b> <ul style="list-style-type: none"><li>• Are any other DTCs output?</li></ul>	Yes	Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)
		No	DTC troubleshooting completed.