

No	The system is operating correctly at this time. The concern may have been caused by a loose or corroded connector. ADDRESS the root cause of any connector or pin issues.
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DIAGNOSIS AND TESTING > ANTI-LOCK BRAKE SYSTEM (ABS) AND STABILITY CONTROL > PINPOINT TESTS > PINPOINT TEST G : STABILITY CONTROL SENSOR SIGNAL FAULTS

Refer to VEHICLE DYNAMIC SYSTEMS for schematic and connector information.

Normal Operation and Fault Conditions

The ABS module receives vehicle yaw rate, lateral acceleration, longitudinal acceleration and roll rate from RCM over the HS-CAN2. The yaw rate sensor, lateral accelerometer and longitudinal accelerometer are contained in the RCM. A failure of the HS-CAN2, an incorrectly installed RCM, an internal failure of the RCM or the internal sensors causes the ABS to set one or more Diagnostic Trouble Codes (DTCs).

DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
C0061:28, C0062:28, C0063:28, C0064:28	Lateral Acceleration Sensor, Longitudinal Acceleration Sensor, Yaw Rate Sensor, Roll Rate Sensor: Signal Bias Level Out of Range / Zero Adjustment Failure	These Diagnostic Trouble Codes (DTCs) set in continuous memory and on-demand if the sensor signal is greater than the programmed maximum plausible sensor signal.
C0061:2F, C0063:2F	Lateral Acceleration Sensor, Yaw Rate Sensor: Signal Erratic	These Diagnostic Trouble Codes (DTCs) set in continuous memory and on-demand if the lateral acceleration sensor signal is out of range when the vehicle is standing still.
C0061:64, C0062:64, C0063:64, C0064:64	Lateral Acceleration Sensor, Longitudinal Acceleration Sensor, Yaw Rate Sensor, Roll Rate Sensor: Signal Plausibility Failure	These Diagnostic Trouble Codes (DTCs) set in continuous memory and on-demand if the sensor signal does not match the other stability sensor signals.

Possible Causes

- Underinflated tires
- Incorrect or mismatched tires
- Network communication concern
- Incorrect or incomplete ABS module IVD Initialization
- Incorrectly installed RCM