

Connect ABS module C135 and related in-line connectors. Make sure they seat and latch correctly.

Connect C126 . Make sure it seats and latches correctly.

Connect the battery negative cable. REFER to: Battery Disconnect and Connect .

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW the TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new ABS module. REFER to: Anti-Lock Brake System (ABS) Module .
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.

DIAGNOSIS AND TESTING > ANTI-LOCK BRAKE SYSTEM (ABS) AND STABILITY CONTROL > PINPOINT TESTS > PINPOINT TEST B : WHEEL SPEED SENSOR ERRATIC SIGNAL FAULTS

Normal Operation and Fault Conditions

The wheel speed sensor and encoder (tone wheel) generate a square wave signal proportional to wheel speed and sends this information to the ABS module. The wheel bearing, encoder and wheel speed sensor must be undamaged and free from contamination to produce a clean signal for use by the ABS module. Also, all 4 tires and wheels must be of the same manufacturer recommended size for the wheel speed sensor to generate an accurate wheel speed.

DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
C0030:07, C0033:07, C0036:07, C0039:07	Tone Wheel: Mechanical Failure	These Diagnostic Trouble Codes (DTCs) set in continuous memory and on-demand if there is damage to the wheel speed sensor encoder, damage to the wheel bearing, or contamination or deformation of the wheel bearing seal.
C0031:07, C0034:07, C0037:07, C003A:07	Wheel Speed Sensor: Mechanical Failure	These Diagnostic Trouble Codes (DTCs) set in continuous memory and on-demand if the wheel speed sensor, encoder or wheel bearing is damaged, or if the wheel bearing