

Disconnect IPC C220 .

Disconnect all GWM electrical connectors.

Disconnect all in-line electrical connectors between the ABS module and the IPC.

Using a good light source, inspect all disconnected electrical connectors for the following:

corrosion - install new connector or terminal and clean the module pins

damaged or bent pins - install new terminals or pins

pushed-out pins - install new pins as necessary

spread terminals - install new terminals as necessary

Connect all in-line electrical connectors between the ABS module and the IPC. Make sure they seat and latch correctly.

Connect all GWM electrical connectors. Make sure they seat and latch correctly.

Connect IPC C220 . Make sure it seats and latches correctly.

Connect ABS module C135 . Make sure it seats and latches correctly.

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 module connections. 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 S : THE HILL DESCENT CONTROL™ SYSTEM IS INOPERATIVE OR CANNOT BE DISABLED

Refer to Instrument Cluster for schematic and connector information.

Normal Operation and Fault Conditions

The Hill Descent Control™ switch is used to activate and deactivate the Hill Descent Control™ system. When the driver presses the Hill Descent Control™ switch, the IPC receives a ground signal from the switch and illuminates the Hill Descent Control™ indicator. The IPC sends a Hill Descent Control™ switch message to the GWM over the HS-CAN3 and the GWM relays this message to the ABS module over the HS-CAN2. The ABS module takes the necessary action depending on the switch inputs and traction control message.

DTC Fault Trigger Conditions