

2017 Nissan-Datsun Truck Titan 4WD V8-5.6L (VK56VD)

C1130 - BRAKE CONTROL SYSTEM (VDC/TCS/ABS) - DIAGNOSIS PROCEDURE

Diagnosis Procedure

1. CHECK ENGINE SYSTEM



CONSULT

Select "Self Diagnostic Result" mode of "ENGINE".

Is DTC detected?

YES >> Check the DTC. Refer to (Cummins 5.0L) or DTC Index (VK56VD).

NO >> GO TO 2.

2. CHECK ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) POWER SUPPLY AND GROUND CIRCUIT

Check the ABS actuator and electric unit (control unit) power supply and ground circuit. Refer to Removal and Installation.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair / replace harness, connector, fuse, or fusible link.

3. CHECK CONNECTOR AND TERMINAL

1. Turn the ignition switch OFF.
2. Disconnect ECM harness connector.
3. Disconnect ABS actuator and electric unit (control unit) harness connector.
4. Check the connector for disconnection or looseness.
5. Check the pin terminals for damage or loose connection with harness connector.

Is the inspection result normal?

YES >> GO TO 4.

NO >> Repair / replace harness, connector, or terminal, securely lock the connector, and GO TO 4.

4. CHECK ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)



CONSULT

1. Connect ECM harness connector.
2. Connect ABS actuator and electric unit (control unit) harness connector.
3. Erase "Self Diagnostic Result" mode of "ABS".
4. Turn the ignition switch OFF.

NOTE: Wait at least 10 seconds after turning ignition switch OFF.

5. Start the engine.

NOTE: Wait at least 10 seconds after start the engine.

6. Repeat step 4 to 5 two or more times.

7. Select "Self Diagnostic Result" mode of "ABS".

Is DTC "C1130" or "U1000" detected?

YES ("C1130") >> GO TO 1.

YES ("U1000") >> Refer to Trouble Diagnosis Flow Chart.

NO >> Inspection End.