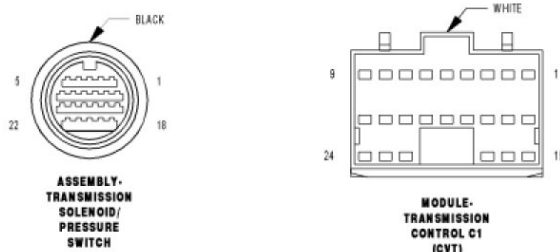
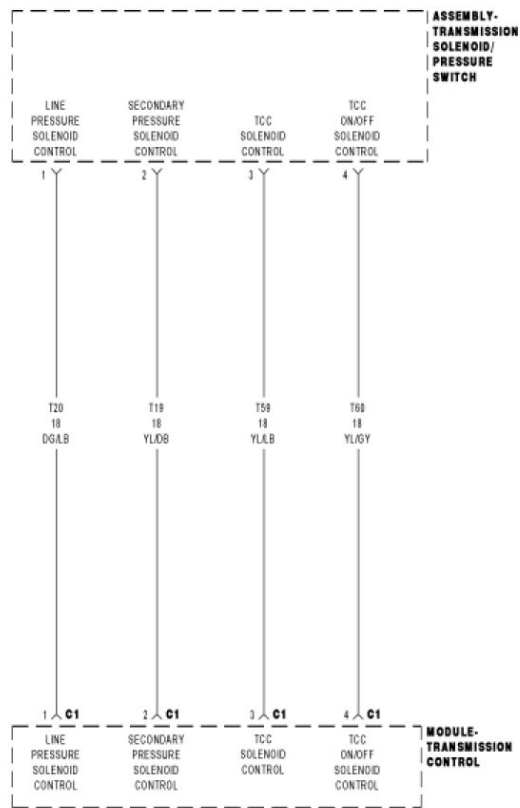


## 2007 Dodge Caliber SRT-4 L4-2.4L Turbo VIN F

Vehicle > ALL Diagnostic Trouble Codes ( DTC ) > Testing and Inspection > P Code Charts > P0967  
 P0967-PRESSURE CONTROL SOLENOID B CONTROL CIRCUIT HIGH



817224a8

For a complete wiring diagram **Refer to Diagrams/Electrical**. See: Vehicle > Electrical

## Theory of Operation

The Transmission Control Module (TCM) regulates the secondary pressure by pulsing the secondary pressure solenoid. The TCM monitors the secondary pressure solenoid voltage and current draw during operation.

- **When Monitored:**

Ignition on with a system voltage between **9.0 and 16.0 volts**.

No Secondary Pressure Solenoid Low DTC present.

- **Set Condition:**

When the target secondary pressure solenoid current is greater than **0.75 amps** while the monitored secondary pressure solenoid current is less than **0.4 amps** for the period of **5 seconds**.

Possible Causes
(T19) SECONDARY PRESSURE SOLENOID CONTROL CIRCUIT SHORT TO VOLTAGE
(T19) SECONDARY PRESSURE SOLENOID CONTROL CIRCUIT OPEN
SECONDARY PRESSURE SOLENOID
TRANSMISSION CONTROL MODULE

Always perform the CVT Pre-Diagnostic Troubleshooting procedure before proceeding.

**Diagnostic Test**

**1. CHECK TO SEE IF THE DTC IS ACTIVE**

With the scan tool, read Transmission DTCs.

**Is the status Active for this DTC or is the STARTS SINCE SET counter 2 or less?**

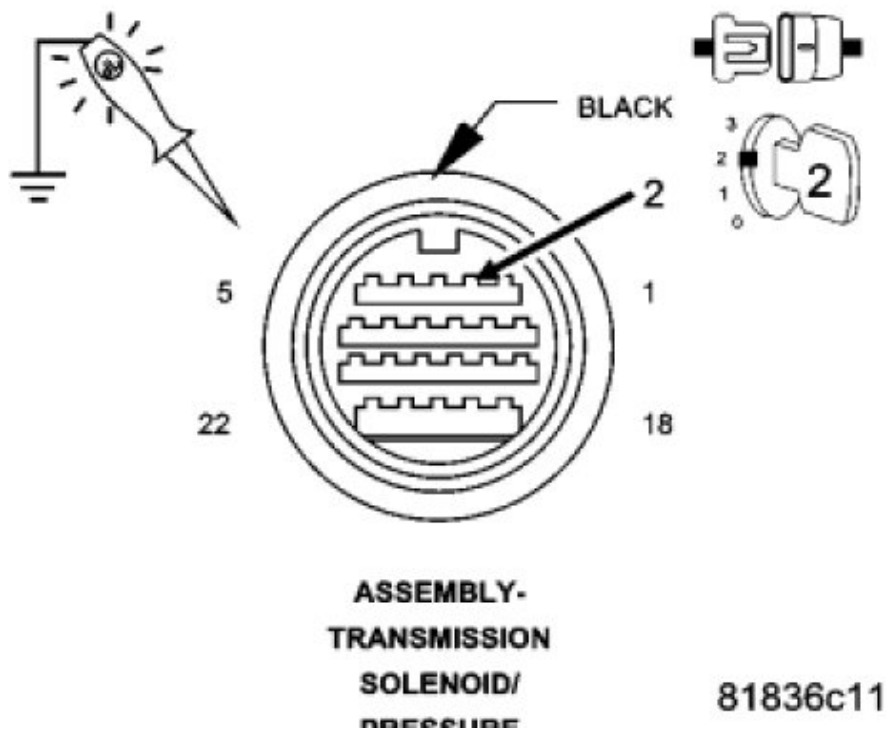
**Yes**

- Go To 2

No

- Go To 6

## 2. CHECK THE (T19) SECONDARY PRESSURE SOLENOID CONTROL CIRCUIT



Turn the ignition off to the lock position.

Disconnect the Transmission Solenoid/Pressure Switch Assembly harness connector.

Ignition on, engine not running.

With the scan tool, actuate the Secondary Pressure Solenoid.

Using a test light connected to ground, check the (T19) Secondary Pressure Solenoid Control circuit in the Transmission Solenoid/Pressure Switch Assembly harness connector.

**NOTE:** The test light must illuminate brightly. Compare the brightness to that of a direct connection to the battery.

Does the test light illuminate brightly?

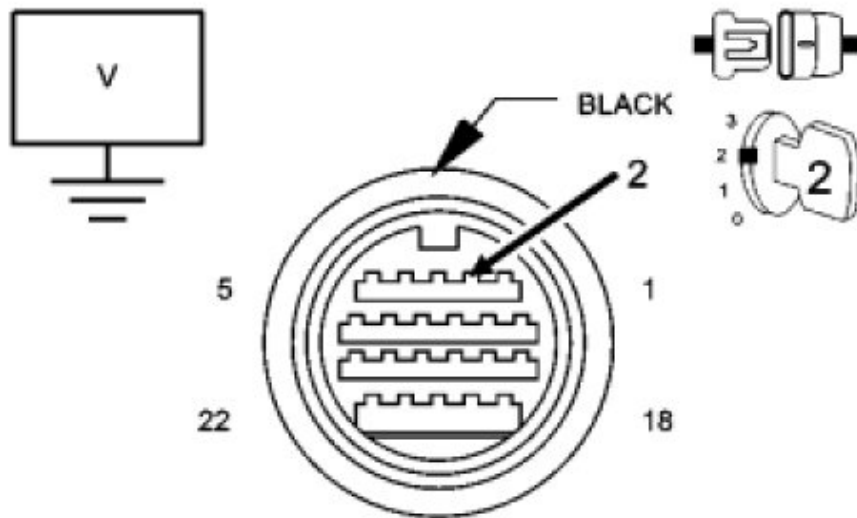
Yes

- Go To 3

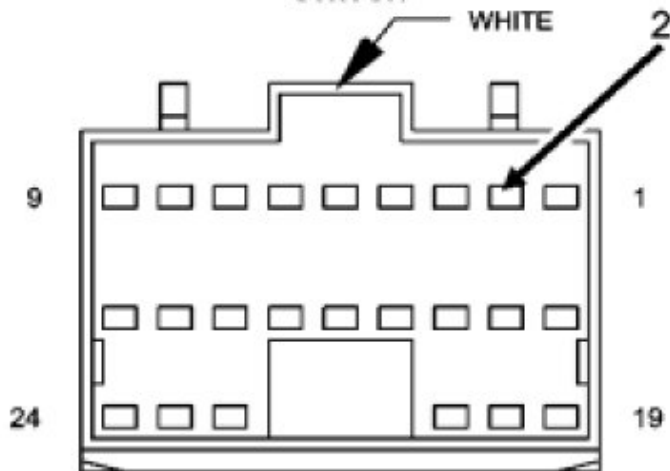
**No**

- Go To 5

### **3. CHECK THE (T19) SECONDARY PRESSURE SOLENOID CONTROL CIRCUIT FOR A SHORT TO VOLTAGE**



**ASSEMBLY-  
TRANSMISSION  
SOLENOID/  
PRESSURE  
SWITCH**



**MODULE-  
TRANSMISSION  
CONTROL C1  
(CVT)**

81836c55

With the scan tool, stop the actuation of the Secondary Pressure Solenoid.

Turn the ignition off to the lock position.

Disconnect the TCM C1 harness connector.

Ignition on, engine not running.

Measure the voltage of the (T19) Secondary Pressure Solenoid Control circuit.

Is the voltage above .05 volts?

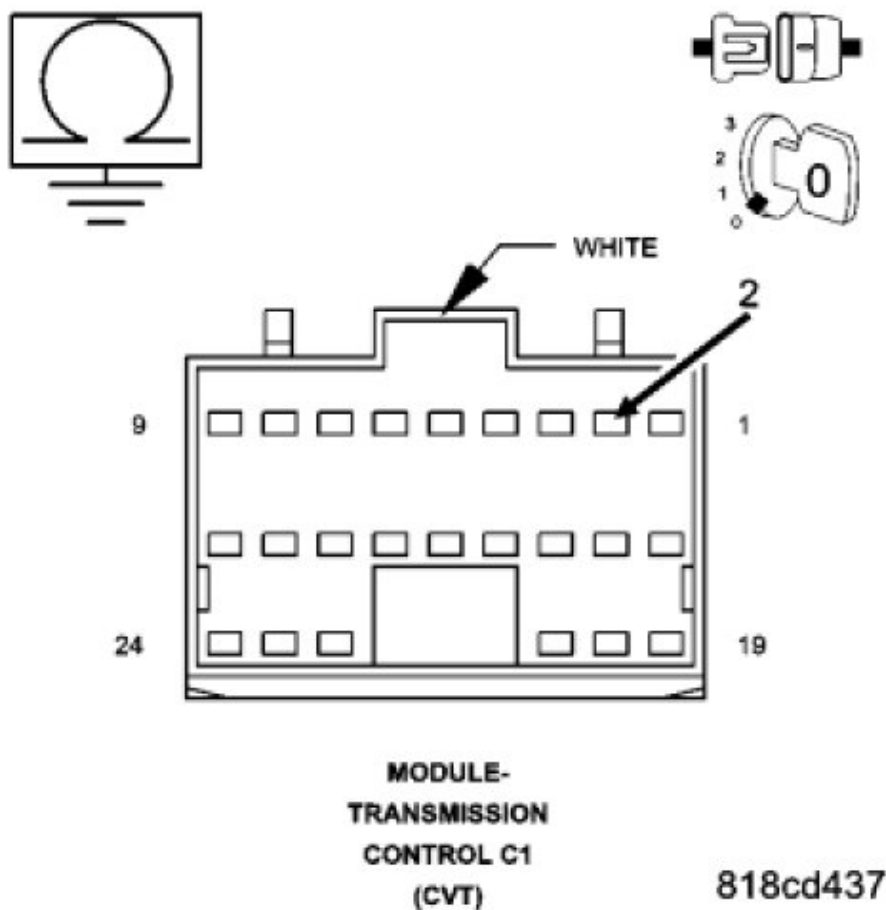
Yes

- Repair the (T19) Secondary Pressure Solenoid Control circuit for a short to voltage.
- Perform CVT VERIFICATION TEST. See: A L L Diagnostic Trouble Codes ( DTC ) > Verification Tests

No

- Go To 4

#### 4. CHECK THE SECONDARY PRESSURE SOLENOID



Turn the ignition off to the lock position.

Reconnect the Transmission Solenoid/Pressure Switch Assembly harness connector.

Measure the resistance between ground and the (T19) Secondary Pressure Solenoid Control circuit in the TCM C1 harness connector.

**Is the resistance between 3.0 and 9.0 ohms?**

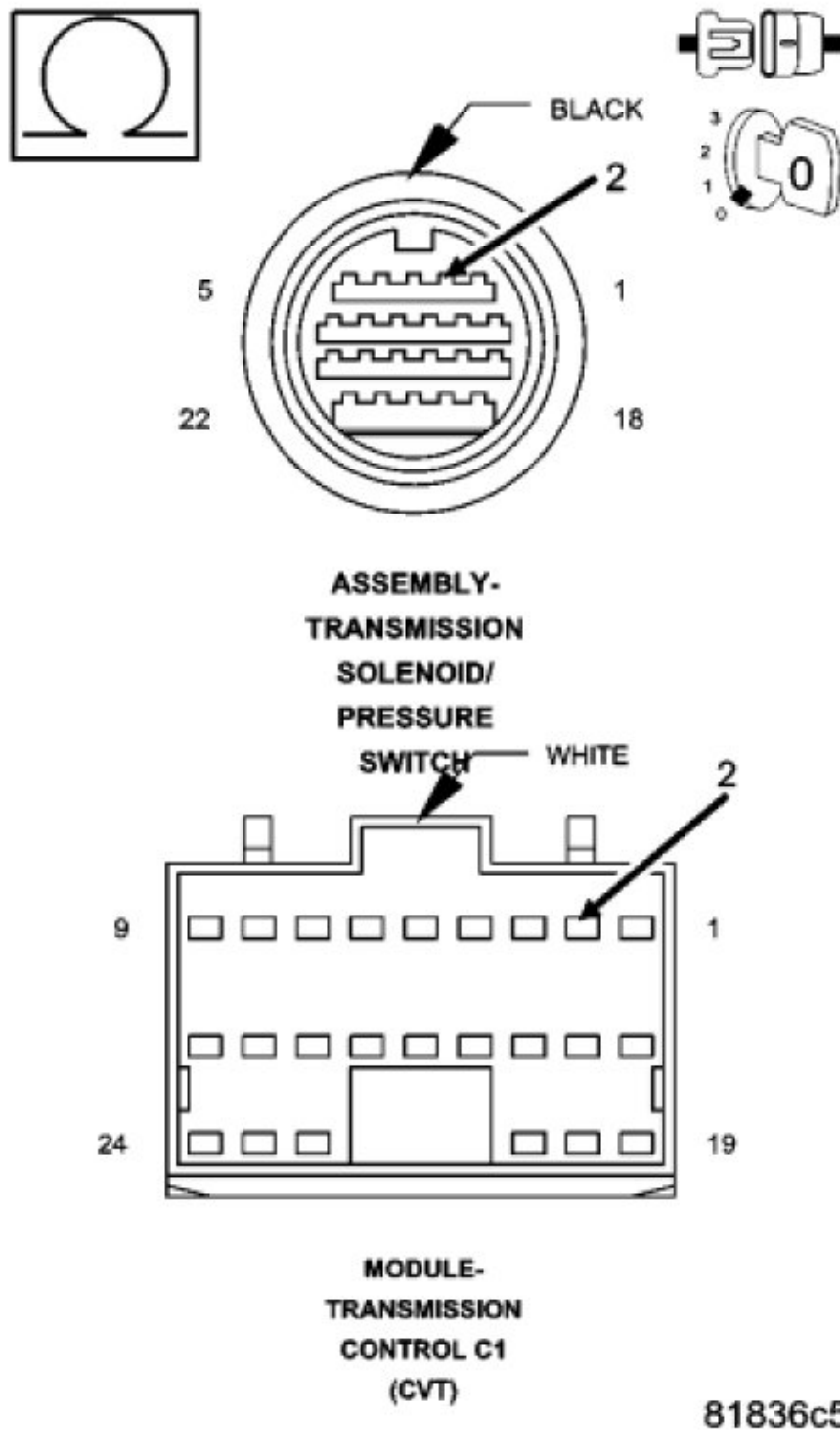
**Yes**

- Using the schematics as a guide, check the Transmission Control Module (TCM) terminals for corrosion, damage, or terminal push out. Pay particular attention to all power and ground circuits. Check for any Service Bulletins for possible causes that may apply. If no problems are found, replace the TCM.
- Perform CVT VERIFICATION TEST. See: A L L Diagnostic Trouble Codes ( DTC ) > Verification Tests

**No**

- Replace the CV Transmission or replace the Secondary Pressure Solenoid (Valve Body).
- Perform CVT VERIFICATION TEST. See: A L L Diagnostic Trouble Codes ( DTC ) > Verification Tests

## **5. CHECK THE (T19) SECONDARY PRESSURE SOLENOID CONTROL CIRCUIT FOR AN OPEN**



Turn the ignition off to the lock position.

Measure the resistance of the (T19) Secondary Pressure Solenoid Control circuit between the TCM C1 harness connector and the Transmission Solenoid/Pressure Switch Assembly harness connector.

Is the resistance above 5.0 ohms?

Yes



- Repair the (T19) Secondary Pressure Solenoid Control circuit for an open.
- Perform CVT VERIFICATION TEST. See: A L L Diagnostic Trouble Codes ( DTC ) > Verification Tests

**No**

- Using the schematics as a guide, check the Transmission Control Module (TCM) terminals for corrosion, damage, or terminal push out. Pay particular attention to all power and ground circuits. Check for any Service Bulletins for possible causes that may apply. If no problems are found, replace the TCM.
- Perform CVT VERIFICATION TEST. See: A L L Diagnostic Trouble Codes ( DTC ) > Verification Tests

**6. INTERMITTENT WIRING AND CONNECTORS**

The conditions necessary to set this DTC are not present at this time.

Using the schematics as a guide, inspect the wiring and connectors specific to this circuit.

Wiggle the wires while checking for shorted and open circuits.

**Were there any problems found?**

**Yes**

- Repair as necessary.
- Perform CVT VERIFICATION TEST. See: A L L Diagnostic Trouble Codes ( DTC ) > Verification Tests

**No**

- Test Complete.