Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

1999 CHEVROLET Blazer 5 doors OEM Service and Repair Workshop Manual

Go to manual page

- **If DTC C056D is not set**

5. All OK.

Repair Instructions

Perform the Diagnostic Repair Verification after completing the repair.

Control Module References for control module replacement, programming and setup.

Conditions for Running the DTC

Ignition OFF, ACCESSORY, or RUN mode.

Conditions for Setting the DTC

The parking brake module has detected missing calibration data, calibration procedure not run or completed, missing VIN, or internal software malfunction.

Actions Taken When DTC Sets

C056E 41 or C056E 5A

- The parking brake is disabled.
- A message and/or a warning indicator may be displayed.

C056E 42

- The parking brake functionality is degraded or disabled.
- A message and/or a warning indicator may be displayed.

C056E 47 or C056E 71

The parking brake will function normally.

Conditions for Clearing the DTC

- The parking brake control module will clear the DTC after 40 consecutive ignition on/off cycles with at least one test pass in each ignition cycle and no test fail result.
- The condition for the DTC is no longer present.
- The latest software and calibrations are programmed into the parking brake control module.

Reference Information

Schematic Reference

Park Brake System Schematics

Connector End View Reference

Master Electrical Component List

Description and Operation

YOUR CURRENT VEHICLE

DTC C0574

DTC C0574

Diagnostic Instructions

- Perform the Diagnostic System Check - Vehicle prior to using this diagnostic procedure.
- Review Strategy Based Diagnosis for an overview of the diagnostic approach.
- Diagnostic Procedure Instructions provide an overview of each diagnostic category.

DTC Descriptors

DTC C0574 00	Printed Circuit Board Temperature Sensor Malfunction
DTC C0574 01	Printed Circuit Board Temperature Sensor Short to Battery
DTC C0574 02	Printed Circuit Board Temperature Sensor Short to Ground
DTC C0574 54	Printed Circuit Board Temperature Sensor High

Circuit/System Description

The parking brake control module has an internal motor, apply actuator, release actuator, and temperature sensor. The parking brake control module also contains the logic for applying and releasing the parking brake when commanded by the park brake control switch. When the parking brake control module receives a signal from the switch, the internal circuit board temperature is checked to verify it is within operating range before the control module performs the requested operation.

Conditions for Running the DTC

Ignition OFF, ACCESSORY, or RUN mode.

- Circuit Testing
- Connector Repairs
- Testing for Intermittent Conditions and Poor Connections
- Wiring Repairs

Scan Tool Reference

Control Module References for scan tool information

Circuit/System Verification

1. Ignition ON.
2. Verify no additional DTCs are set in other control modules.
   - **If additional DTCs are set**

     Refer to Diagnostic Trouble Code (DTC) List - Vehicle
   - **If no additional DTCs are set**
3. Verify that DTC C0574 01 or C0574 02 is not set.
   - **If DTC C0574 01 or C0574 02 is set**

     1. Ignition OFF. Remove the parking brake control module fuse and reinstall. Ignition ON.
     2. Verify DTC C0574 01 or C0574 02 is not set.
        - If the DTC is set, replace the K83 Parking Brake Control Module.
        - If the DTC is not set
     3. All OK.
   - **If DTC C0574 01 or C0574 02 is not set**
4. Allow the K83 Parking Brake Control Module to cool down for 15 minutes.
5. Verify the scan tool Calculated System Temperature parameter is less than 105° C.
   - **If 105° C or greater**

     Replace the K83 Parking Brake Control Module.
   - **If less than 105° C**
6. All OK.