

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.

2007 CHEVROLET TrailBlazer OEM Service and Repair Workshop Manual

[Go to manual page](#)

3. All OK.

- **If the DTC C0565 is not set**

3. All OK.

Repair Instructions

Perform the [Diagnostic Repair Verification](#) after completing the repair.

- [Electric Belt Drive Rack and Pinion Steering Gear Replacement](#)
- [Control Module References](#) for power steering control module replacement, programming and setup.

Action Taken When the DTC Sets

The power steering control module refuses all additional inputs.

Conditions for Clearing the DTC

- A current DTC clears when the malfunction is no longer present.
- A history DTC clears when the device ignition cycle counter reaches the reset threshold of 50, without a repeat of the malfunction.

Diagnostic Aids

- This DTC may be stored as a history DTC without affecting the operation of the device.
- If stored only as a history DTC and not retrieved as a current DTC, do not replace the device.
- If this DTC is retrieved as both a current and history DTC, replace the device that set the DTC.

Reference Information

Schematic Reference

[Power Steering Schematics](#)

Connector End View Reference

[Master Electrical Component List](#)

Description and Operation

[Power Steering System Description and Operation](#)

Electrical Information Reference

- [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

YOUR CURRENT VEHICLE

DTC C056E

DTC C056E

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 C056E 36 | Electronic Control Unit Software EEPROM Performance/Malfunction |
| DTC C056E 42 | Electronic Control Unit Software Configuration Not Programmed |
| DTC C056E 46 | Electronic Control Unit Software Calibration Not Learned |

Circuit/System Description

After replacement of the power steering control module, the power steering control module must be configured with the proper tuning profile using the service programming system (SPS).

After replacement of the power steering control module, power steering motor, or steering gear, the steering position/torque sensor calibration procedure must be performed.

Conditions for Running the DTC

Ignition OFF, ACCESSORY, or RUN mode.

Conditions for Setting the DTC

- **If the DTC C056E is set**

1. Program the K43 Power Steering Control Module.

2. Verify the DTC does not set.

- If the DTC sets, replace the Steering Gear.
- If the DTC does not set

3. All OK.

- **If the DTC C056E is not set**

3. All OK.

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