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2007 CHEVROLET Tacuma/Rezzo OEM Service and Repair Workshop Manual

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        - If less than infinite resistance, repair the short to ground on the circuit.
        - If infinite resistance, replace the K40P Seat Memory Control Module – Passenger.
    - **If Inactive**

3. Install a 3 A fused jumper wire between the appropriate signal circuit terminal listed below and the ground circuit terminal 10 X1.
    - Front vertical up switch terminal 4 X1
    - Front vertical down switch terminal 1 X1
    - Rear vertical up switch terminal 8 X1
    - Rear vertical down switch terminal 6 X1
    - Horizontal forward switch terminal 3 X1
    - Horizontal rearward switch terminal 9 X1
    - Recline forward switch terminal 2 X1
    - Recline rearward switch terminal 7 X1
    - Seat back side bolster inflate terminal 4 X2
    - Seat back side bolster deflate terminal 8 X2
    - Seat lumbar forward terminal 6 X2
    - Seat lumbar rearward terminal 3 X2
4. Verify the appropriate scan tool seat switch parameter is Forward/Rearward or UP/Down.
    - **If not Forward/Rearward or UP/Down**
        1. Ignition OFF, disconnect the X5 harness connector at the K40P Seat Memory Control Module – Passenger, ignition ON.
        2. Test for less than 1 V between the signal circuit terminal and ground.
            - If 1 V or greater, repair the short to voltage on the circuit.
            - If less than 1 V
        3. Ignition OFF.
        4. Test for less than 2 Ω in the signal circuit end to end.
            - If 2 Ω or greater, repair the open/high resistance in the circuit.

YOUR CURRENT VEHICLE

DTC B2755 or B2765

DTC B2755 or B2765

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 provides an overview of each diagnostic category.

DTC Descriptors

DTC B2755	Memory Select Switch Circuit
DTC B2765	Memory Set Switch Circuit

For symptom byte information refer to Symptom Byte List.

Diagnostic Fault Information

Circuit	Short to Ground	Open/High Resistance	Short to Voltage	Signal Performance
Memory 1 Switch Signal	B2755 02	1	B2755 01	B2755 59
Memory Set Switch Signal	B2765 59	1	—	—
Low Reference	—	1	—	—

- All memory recall commands and are ignored.

Conditions for Clearing the DTCs

- The DTC automatically clears when the switch circuit setting the DTC is no longer active.
- A history DTC will clear once 50 consecutive fault-free ignition cycles have occurred.

Reference Information

Schematic Reference

Driver Seat Schematics

Connector End View Reference

Component Connector End Views

Description and Operation

Memory Seats 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

1. Ignition ON.
2. Verify the scan tool Seat Memory Control Module Memory Recall Switches parameter changes between Inactive and Memory 1 when pressing the memory 1 switch.
    - **If the parameter does not change**

      Refer to Circuit/System Testing.
    - **If the parameter changes**

3. Test for less than 2 Ω in the signal circuit end to end.
    - If 2 Ω or greater, repair the open/high resistance in the circuit.
    - If less than 2 Ω, replace the K40D Seat Memory Control Module – Driver.
- **If 9 V or greater**

4. Ignition OFF, disconnect the X6 harness connector at the K40D Seat Memory Control Module – Driver, ignition ON.
5. Test for less than 1 V between each signal circuit terminal listed below and ground:
    - Memory set switch signal terminal 5
    - Memory switch signal terminal 6
    - **If 1 V or greater**

      Repair the short to voltage on the circuit.
    - **If less than 1 V**
6. Test or replace the S47D Seat Memory Switch – Driver.

Component Testing

Driver Seat Memory Switch

1. Ignition OFF, disconnect the harness connector at the S47D Seat Memory Switch – Driver.
2. Test for infinite resistance between each signal terminal listed below and the low reference terminal 1 with the switch in the open position.
    - Terminal 5
    - Terminal 6
    - **If less than infinite resistance**

      Replace the S47D Seat Memory Switch – Driver.
    - **If infinite resistance**
3. Test for less than 4 Ω between the signal terminal 5 and the low reference terminal 1 while pressing the memory SET button.
    - **If 4 Ω or greater**

      Replace the S47D Seat Memory Switch – Driver.
    - **If less than 4 Ω**