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 Celta - 3 doors OEM Service and Repair Workshop Manual

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Reference Information

Schematic Reference

Seat Belt Schematics

Connector End View Reference

Component Connector End Views

Description and Operation

Seat Belt 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

1. Verify the driver seat belt indicator turns ON and OFF when commanding the instrument cluster all indicators ON and OFF with a scan tool.
    - **If the passenger seat belt indicator does not turn ON and OFF as commanded** .
      Replace the P16 Instrument Cluster.
    - **If the passenger seat belt indicator does turn ON and OFF as commanded**
2. Verify the scan tool passenger Seat Belt Switch parameter changes between Buckled and Unbuckled when buckling and unbuckling the passenger seat belt.
    - **If the parameter does not change**
      Refer to Circuit/System Testing.
    - **If the parameter changes**
3. All OK.

Circuit/System Testing

1. Ignition OFF, disconnect the X2 harness connector at the K36 Inflatable Restraint Sensing and Diagnostic Module.
2. Test for infinite resistance between the seat belt switch signal circuit terminal 2 and ground.
    - If less than infinite resistance, repair the short to ground on the circuit.
    - If infinite resistance, replace the K36 Inflatable Restraint Sensing and Diagnostic Module.

- **If between 5-8 V**

5. Test or replace the B153P Seat Belt Buckle - Passenger.

Repair Instructions

Perform the Diagnostic Repair Verification after completing the repair.

- Front Seat Belt Buckle Replacement
- Control Module References for inflatable restraint sensing and diagnostic module or Instrument Cluster replacement, programming and setup

YOUR CURRENT VEHICLE

DTC B0072 or B0073

DTC B0072 or B0073

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 B0072	Driver Seat Belt Switch
DTC B0073	Passenger Seat Belt Switch

For symptom byte information refer to Symptom Byte List.

Diagnostic Fault Information

Circuit	Short to Ground	High Resistance	Open	Short to Voltage	Signal Performance
Driver Seat Belt Sensor Control	B0072 02, B0072 0B	B0072 04, B0072 06, B0072 0C	B0072 04, B0072 06	B0072 01, B0072 05	B0072 08
Passenger Seat Belt Sensor Control	B0073 02, B0073 0B	B0073 04, B0073 06, B0073 0C	B0073 04, B0073 06	B0073 01, B0073 05	B0073 08

The inflatable restraint sensing and diagnostic module will store a DTC and illuminate the Air Bag indicator in the instrument cluster.

Conditions for Clearing the DTC

The condition for setting the DTC no longer exists.

Diagnostic Aid

NOTE

Note

The following diagnostic aids apply for both current and history DTCs.

Refer to SIR Disabling and Enabling.

Thoroughly inspect the wiring and the connectors. An incomplete inspection of the wiring and the connectors may result in a misdiagnosis, causing a part replacement with a reappearance of the malfunction. If an intermittent malfunction exists, refer to Testing for Intermittent Conditions and Poor Connections.

An incorrectly seated connector can cause an open/high resistance condition. Check the circuit terminals for fretting or incorrectly seated connector if a DTC with symptom byte 1B is set.

Reference Information

Schematic Reference

Seat Belt Schematics

Connector End View Reference

Master Electrical Component List

Description and Operation

Supplemental Inflatable Restraint System Description and Operation

Electrical Information Reference

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