

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 - 5 doors OEM Service and Repair Workshop Manual

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1. Ignition OFF. Scan tool disconnected.
2. Verify the SIR system is disabled.
3. Disconnect the harness connector at the appropriate B153 Seat Belt Buckle. It may take up to 2 min for all vehicle systems to power down.
4. Test for less than 5 Ω between the low reference circuit terminal 1 and ground.

- **If 5 Ω or greater**

1. Ignition OFF.
2. Verify the SIR system is disabled.
3. Disconnect the harness connector at the K36 Inflatable Restraint Sensing and Diagnostic Module.
4. Test for less than 2 Ω in the low reference circuit end to end.
 - If 2 Ω or greater, repair the open/high resistance in the circuit.
 - If less than 2 Ω , replace the K36 Inflatable Restraint Sensing and Diagnostic Module.

- **If less than 5 Ω**

5. Ignition ON, Vehicle in Service Mode.
6. Verify the SIR system is disabled.
7. Test for 4.0–7 V between the signal circuit terminal 2 and ground.

- **If less than 4 V**

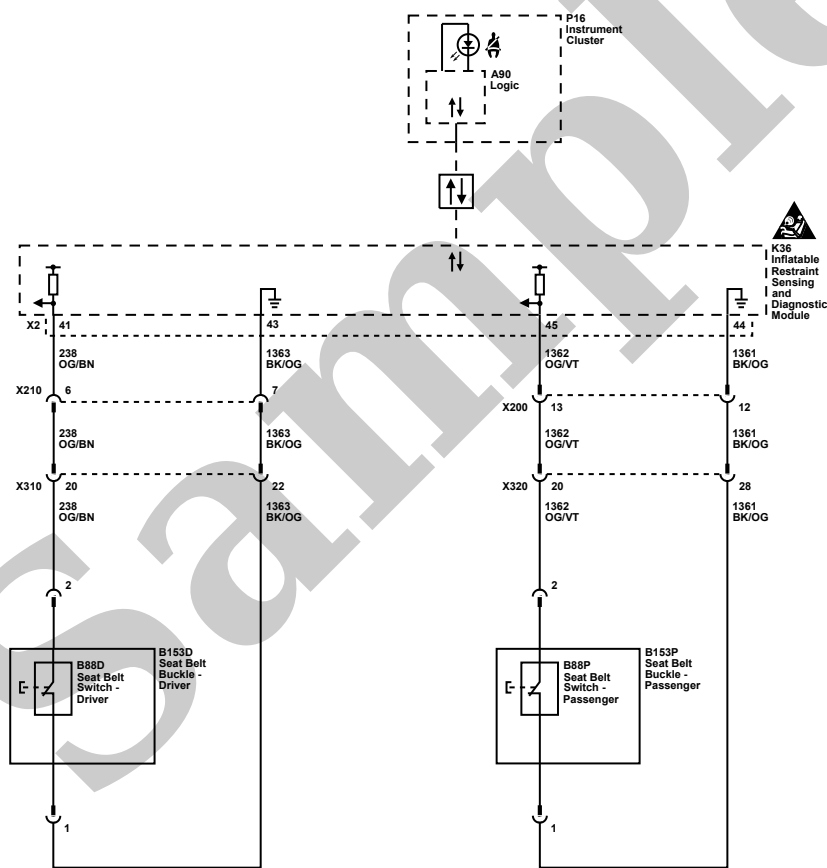
1. Ignition OFF.
2. Verify the SIR system is disabled.
3. Disconnect the harness connector at the K36 Inflatable Restraint Sensing and Diagnostic Module.
4. Test for infinite resistance between the signal circuit and ground.
 - If less than infinite resistance, repair the short to ground on the circuit.
 - If infinite resistance
5. Test for less than 2 Ω in the 5 V reference circuit end to end.
 - If 2 Ω or greater, repair the open/high resistance in the circuit.
 - If less than 2 Ω , replace the K36 Inflatable Restraint Sensing and Diagnostic Module.

YOUR CURRENT VEHICLE

Seat Belt Schematics

Seat Belt Schematics

Seat Belts and Indicators



SD Serial Data

Data_Communication_Schematics_REF Data Communication Schematics

[Data Communication Schematics](#)

238_OG/BN 238 OG/BN

CAV_41 41

Body Harness Routing - Left Front of Passenger Compartment

X210 Instrument Panel Harness to Body Harness

CAV_6 6

CAV_7 7

X310 X310

Driver Seat Harness Routing

Body Harness Routing - Left Rear of Passenger Compartment

X310 Driver Seat Cushion Harness to Body Harness

CAV_20 20

CAV_22 22

X200 X200

Body Harness Routing - Right Front of Passenger Compartment

Instrument Panel Harness Routing - Front of Instrument Panel

X200 Body Harness to Instrument Panel Harness

CAV_13 13

CAV_12 12

X320 X320

Body Harness Routing - Right Rear of Passenger Compartment

Passenger Seat Harness Routing

CAV_20 20

CAV_28 28

X210 X210

Instrument Panel Harness Routing - Front of Instrument Panel

Body Harness Routing - Left Front of Passenger Compartment

X210 Instrument Panel Harness to Body Harness

X310 X310

Driver Seat Harness Routing

Body Harness Routing - Left Rear of Passenger Compartment

X310 Driver Seat Cushion Harness to Body Harness

YOUR CURRENT VEHICLE

Seat Belt Service Precautions

Seat Belt Service Precautions

NOTE

Important

If the vehicle has been in a collision, refer to [Repairs and Inspections Required After a Collision](#) for additional information.

Do not bleach or dye the seat belt webbing. Use only the following items in order to clean the seat belt webbing:

- A mild soap and water solution
- A soft brush or cloth
- Keep sharp edges and damaging objects away from the seat belts. Avoid bending or damaging any part of the seat belt buckle or the latch plate. Replace any seat belts which are cut or damaged in any way.
- Use only the correct seat belt anchor bolts/screws and tighten the anchor bolts/screws to the correct torque value. Refer to [Fastener Specifications](#). When installing seat belt anchor bolts, start the bolt by hand to ensure that the bolt is threaded straight.
- Some seat belts and retractors require service as a set, with service replacement parts only. Do not attempt to repair to individual components that require service as a set.
- Verify that the replacement part number is correct for the vehicle at that seating position. Do not substitute a seat belt from a different seating position.