

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.

2000 CHEVROLET S-10 Crew Cab OEM Service and Repair Workshop Manual

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Circuit	Short to Ground	Open/High Resistance	Short to Voltage	Signal Performance
Audio Output 1 Signal Circuits (Left Front Door Woofer and I/P Tweeter)	B1025 02	B1025 04	B1025 01	—
Audio Output 3 Signal Circuits (Right Front Door Woofer and I/P Tweeter)	B1045 02	B1045 04	B1045 01	—
Audio Output 5 Signal Circuits (Left Front Door)	B1065 02	B1065 04	B1065 01	—
Audio Output 6 Signal Circuits (Right Front Door)	B1075 02	B1075 04	B1075 01	—
Audio Output 7 Signal Circuits (Left Rear Compartment)	B1085 02	B1085 04	B1085 01	—
Audio Output 8 Signal Circuits (Right Rear Compartment)	B1095 02	B1095 04	B1095 01	—
Audio Output 9 Signal Circuits (Center I/P)	B1105 02	B1105 04	B1105 01	—

Circuit/System Description

The Media Oriented Systems Transport (MOST) is a high-speed multimedia network technology. The serial MOST bus uses a ring topology and synchronous data communication to transmit audio, video, data and control information between any devices attached.

The audio amplifier is a participant on the MOST network. The audio amplifier receives audio inputs and control information from the MOST bus.

Each of the audio output channel circuits (+) and (–), at the audio amplifier have a DC bias voltage that is approximately one half of the battery voltage. When using a DMM, each of the audio output channel circuits will measure approximately 6.5V DC. The audio being played on the system is produced by a varying AC voltage that is centered around the DC bias voltage on the same circuit. The AC voltage is what causes the speaker cone to move and produce sound.

Diagnostic Aids

An open is detected on the specified (+) or (-) signal circuit

Action Taken When the DTC Sets

The amplifier mutes the output channel and no sound is present from the speaker(s) that have a current circuit fault.

Conditions for Clearing the DTC

- The condition for setting the DTC is no longer present.
- A history DTC will clear once 50 consecutive malfunction-free ignition cycles have occurred.

Reference Information

Schematic Reference

[Radio/Navigation System Schematics](#)

Connector End View Reference

[Component Connector End Views](#)

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

Special Tools

EL-50334-50 *USB Cable and Adapter Kit*

Circuit/System Verification

1. Ignition ON, infotainment system ON, mute OFF.
2. Verify clear audio is heard from each speaker, adjusting fade and balance controls to test each speaker individually.

- If less than 1 V, replace the T3 Audio Amplifier.

- **If between 5–7 V**

3. Test or replace the P19 Speaker.

Repair Instructions

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

- [Speaker Replacement Reference](#)
- [Control Module References](#) for amplifier replacement, programming, and setup.

Diagnostic Fault Information

Circuit	Short to Ground	Open/High Resistance	Short to Voltage	Signal Performance
Audio Output 1 Signal Circuits (Left Front Door Woofer and I/P Tweeter)	B1025 02	B1025 04	B1025 01	—
Audio Output 3 Signal Circuits (Right Front Door Woofer and I/P Tweeter)	B1045 02	B1045 04	B1045 01	—
Audio Output 5 Signal Circuits (Subwoofer– terminals 1 and 2)	B1065 02	B1065 04	B1065 01	—
Audio Output 6 Signal Circuits (Subwoofer– terminals 3 and 4)	B1075 02	B1075 04	B1075 01	—
Audio Output 7 Signal Circuits (Left Rear Compartment)	B1085 02	B1085 04	B1085 01	—
Audio Output 8 Signal Circuits (Right Rear Compartment)	B1095 02	B1095 04	B1095 01	—
Audio Output 9 Signal Circuits (Left Front Door)	B1105 02	B1105 04	B1105 01	—
Audio Output 10 Signal Circuits (Right Front Door)	B1115 02	B1115 04	B1115 01	—
Audio Output 11 Signal Circuits (Center I/P)	B1125 02	B1125 04	B1125 01	—

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