Atrend A151-12CP

Atrend Bbox Single 12 Inch Sealed Subwoofer Enclosure

Model: A151-12CP | For 1999-2007 Chevrolet/GMC Extended Cab

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1. Product Overview

The Atrend Bbox Single 12 Inch Sealed Subwoofer Enclosure (Model A151-12CP) is engineered for a precise, OEM-fit installation in 1999-2007 Chevrolet/GMC Silverado/Sierra Extended Cab trucks. This enclosure is designed to enhance your vehicle's audio system by providing optimal bass response and low-frequency reproduction without compromising rear seat functionality. Constructed from high-grade materials, it ensures durability and superior sound quality.

Key Features:

- **Vehicle-Specific Design:** Custom-fit for 1999-2007 Chevrolet/GMC Silverado/Sierra Extended Cab models.
- **Optimized Acoustics:** Sealed design for accurate and powerful bass reproduction, ideal for sound quality subwoofers.
- **Durable Construction:** Built with 3/4 inch thick MDF (Medium-Density Fiberboard) for structural integrity and solid frequency response.
- **Airtight Seal:** Utilizes specially formulated aliphatic wood glue and reinforced joints to prevent air leaks and rattles.
- **Quality Finish:** Completely carpeted with plush OEM-grade charcoal carpeting for a seamless integration with your vehicle's interior.
- **Compact Dimensions:** Designed for under-seat application, ensuring minimal intrusion into cabin space.



The Atrend Bbox Single 12 Inch Sealed Subwoofer Enclosure, featuring a durable charcoal carpet finish.



Various views of the Bbox subwoofer enclosure, showcasing its custom shape and design for vehicle-specific fitment.

2. Setup and Installation

2.1 Vehicle Compatibility

This subwoofer enclosure is specifically designed for:

- **Make:** Chevrolet, GMC
- **Model:** Silverado, Sierra
- **Cab Type:** Extended Cab
- **Years:** 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007

2.2 Pre-Installation Checklist

Before beginning installation, ensure you have the following:

- Compatible 12-inch subwoofer (not included)
- Appropriate tools (screwdriver, wire strippers, crimpers, drill if needed)
- Speaker wire and amplifier (if not already installed)
- Safety glasses and gloves
- Vehicle's battery disconnected

2.3 Installation Steps

1. **Prepare the Vehicle:** Disconnect the vehicle's negative battery terminal. Clear the area under the rear seat where the enclosure will be placed.

2. **Install Subwoofer:** Carefully mount your 12-inch subwoofer into the enclosure's opening. Ensure a secure fit and proper sealing around the subwoofer's frame.
3. **Wire the Subwoofer:** Connect the subwoofer's terminals to the enclosure's terminal cup using appropriate speaker wire. Observe correct polarity (+ to + and - to -).
4. **Position the Enclosure:** Place the loaded enclosure under the rear seat of your extended cab truck. The custom design ensures a snug fit.
5. **Connect to Amplifier:** Route speaker wires from the enclosure's terminal cup to your amplifier. Ensure all connections are secure and properly insulated.
6. **Secure Wiring:** Neatly route and secure all wiring to prevent interference or damage.
7. **Reconnect Battery:** Once all connections are verified, reconnect the vehicle's negative battery terminal.



An image showing a 1999-2007 Classic GM Extended Cab truck, indicating the intended vehicle for this subwoofer enclosure.



View of the subwoofer enclosure positioned under the rear seat of a compatible extended cab truck, demonstrating its low-profile fit.



Another perspective of the enclosure installed, highlighting its integration with the vehicle's interior.

3. Operating Instructions

3.1 Connecting Your Subwoofer

The enclosure features a terminal cup for easy connection to your amplifier. Ensure that the speaker wire from your amplifier is connected to the corresponding positive (+) and negative (-) terminals on the enclosure. Incorrect polarity can lead to reduced sound quality or damage.



The rear of the enclosure, showing the recessed terminal cup for speaker wire connections.

3.2 Audio System Integration

After installation, power on your audio system and amplifier. Adjust the amplifier's gain, crossover, and phase settings to achieve optimal bass response and blend with your vehicle's existing speakers. Refer to your amplifier's instruction manual for detailed tuning procedures. Start with low volume and gradually increase to prevent damage to your subwoofer or amplifier.

4. Maintenance

To ensure the longevity and performance of your subwoofer enclosure, follow these simple maintenance guidelines:

- **Cleaning:** Periodically clean the exterior charcoal carpeting with a soft brush or vacuum cleaner to remove dust and

debris. For stubborn stains, use a mild fabric cleaner and a damp cloth, then allow to air dry completely.

- **Inspection:** Regularly inspect the enclosure for any signs of wear, such as loose carpeting, cracks in the wood, or damaged terminal connections. Address any issues promptly to maintain airtight integrity.
- **Environmental Protection:** Avoid exposing the enclosure to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture, as these can degrade the materials over time.

5. Troubleshooting

If you encounter issues with your subwoofer enclosure, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from subwoofer	Loose or incorrect wiring; amplifier off or faulty; subwoofer faulty.	Check all speaker wire connections for proper polarity and tightness. Ensure amplifier is powered on and functioning. Test subwoofer with another enclosure or audio source if possible.
Distorted or weak bass	Incorrect amplifier settings (gain, crossover, phase); air leak in enclosure; damaged subwoofer.	Adjust amplifier settings. Inspect enclosure for any gaps or loose panels and seal if necessary. Check subwoofer for physical damage.
Rattling noise	Loose subwoofer mounting screws; loose enclosure panels; objects vibrating against enclosure.	Tighten subwoofer mounting screws. Inspect enclosure joints and re-seal if needed. Remove any objects that may be vibrating against the enclosure or vehicle interior.

6. Specifications

General:

- **Brand:** Atrend
- **Model Number:** A151-12CP
- **Item Type Name:** Single 12" Sealed Carpeted Subwoofer Enclosure
- **Color:** Charcoal
- **Enclosure Material:** Wood (MDF)
- **Speaker Type:** Subwoofer
- **Mounting Type:** Under Seat
- **Built-In Media:** Terminal Cup
- **Number of Items:** 1

Audio Performance:

- **Speaker Maximum Output Power:** 1500 watts (Note: This refers to the enclosure's capacity, not the subwoofer's

power handling)

- **Frequency Response:** 20 hertz (optimized for low frequencies)
- **Audio Output Mode:** Mono
- **Number of Audio Channels:** 1

Dimensions & Weight:

- **Item Dimensions (D x W x H):** 15.13"D x 24"W x 11.12"H
- **Front Height:** 9.13 inches
- **Rear Height:** 6.63 inches
- **Width:** 24 inches
- **Item Weight:** 17 pounds
- **Subwoofer Diameter Compatibility:** 12 inches
- **Speaker Baffles:** 0.75 inches
- **Max Mounting Depth:** 7.00 inches
- **Net Volume Per Woofer:** 0.59 CU FT

Connectivity:

- **Connectivity Technology:** Speaker Wire
- **Subwoofer Connectivity Technology:** Wired



An illustration detailing the internal construction, including 3/4 inch MDF, aliphatic wood glue, and brad nail reinforced joints for an airtight seal.

7. Warranty and Support

7.1 Warranty Information

This Atrend Bbox Subwoofer Enclosure is covered by a**Limited Lifetime Warranty**. This warranty typically covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the official Atrend warranty documentation or contact customer support.

7.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Atrend customer

support. Visit the official Atrend website for contact information, including phone numbers and email addresses.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question