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› STINGER TXTRB10 Single 10-inch Under-Seat Subwoofer Enclosure User Manual

STINGER TXTRB10

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Model: TXTRB10

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your STINGER TXTRB10 Single 10-inch Under-Seat Subwoofer Enclosure. Designed for optimal bass performance in vehicles with limited space, this enclosure delivers powerful audio enhancement. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your product.

2. PRODUCT FEATURES

The STINGER TXTRB10 subwoofer enclosure is engineered with advanced technologies to provide robust and clear bass output in a compact form factor. Key features include:

- **Durable Weather Resistant Design:** Features a coated steel subwoofer grill for protection against external elements and a Roadkill liquid coat for extreme conditions.
- **Thermal Mechanical Elements:** Incorporates a 2.5" Dual 4-ohm voice coil with CFL³ and MBL technologies for enhanced structural rigidity and bonding strength.
- **Concave-X Cone Technology:** Strengthens cone body rigidity and minimizes distortion in shallow enclosures.
- **G-Lock Technology:** Provides adhesive and mechanical bonding between the cone and voice coil.
- **Air-Cooled Ventilated Motor Topology:** Enhances heat dissipation for cool operation and uninterrupted sound.
- **Linear Surround Technology:** Enables high excursion and increased output.
- **Linear Excursion Suspension:** Delivers accurate bass with impact.
- **Space-Saving Design:** Specifically designed to fit under the back seat of most trucks and SUVs, maximizing interior space.

Video: Overview of the STINGER 10-inch Subwoofer Enclosure features and design.

3. BASIC INSTALLATION (SUBWOOFER ENCLOSURE)

The STINGER TXTRB10 is designed for straightforward installation under the seat of compatible vehicles. Ensure your vehicle's audio system is powered off before beginning. This enclosure comes pre-assembled with the subwoofer installed.

1. **Placement:** Position the subwoofer enclosure under the rear seat of your truck or SUV. Ensure it fits securely and does not obstruct any moving parts of the seat or vehicle.
2. **Wiring:** Connect the speaker wires from your amplifier to the spring-loaded terminals on the subwoofer enclosure. Ensure correct polarity: positive (+) to positive (red terminal) and negative (-) to negative (black terminal).
3. **Secure Enclosure:** Use appropriate mounting hardware (not included, or refer to vehicle-specific instructions) to secure the enclosure to prevent movement during driving.



Add Extreme Bass to Any Truck or SUV Where Space is a Premium

Image: The STINGER TXTRB10 Subwoofer Enclosure neatly installed under the rear seat of a car, demonstrating its space-saving design.



ADD EXTREME BASS TO

**ANY
TIGHT
SPACE**

IN YOUR TRUCK OR SUV

Stinger[®]
powered by
PHOENIX GOLD

Image: The STINGER TXTRB10 Subwoofer Enclosure installed under the rear seat of a truck, showcasing its low-profile fit.

4. OPTIONAL PORT MODULE INSTALLATION

To further enhance the bass output of your STINGER TXTRB10 enclosure, an optional port module can be installed. This converts the sealed enclosure into a ported one, providing an additional 6dB of output. This module is sold separately.

Recommended Tools:

- Ratchet with Extension
- 10mm Socket
- Plastic Pry Tool
- Phillips Head Screwdriver
- 4mm Allen Wrench
- 5mm Allen Wrench

Video: Step-by-step guide on how to install the optional port module for the STINGER TXTRB10 Subwoofer Enclosure.

Installation Steps:

1. **Remove Enclosure from Vehicle:** Disconnect the speaker wires from the enclosure's spring-loaded terminals. Carefully remove the subwoofer enclosure from its installed location in the vehicle.
2. **Remove Subwoofer from Enclosure:** Using a power drill or Phillips head screwdriver, remove the eight screws securing the subwoofer to the enclosure. Carefully pry the subwoofer out using a plastic pry tool or flathead screwdriver. Disconnect the speaker wires from the subwoofer's spring-loaded terminals. Set the subwoofer aside.
3. **Remove Metal Plate:** Use a 5mm Allen wrench to remove the four bolts around the outside of the metal plate on the side of the enclosure. Use a 4mm Allen wrench to remove the two bolts in the center of the plate. Reach inside the enclosure and push out on the plate to remove it.
4. **Install Gasket:** Turn the port module on its side. Peel the adhesive backing off the gasket and carefully align it with the holes on the side of the port module. Ensure proper alignment so the holes in the gasket align with the holes in the port.
5. **Install Port Module:** Attach the rubber washers to the M6 flange 10mm hex head bolts. Pass the bolts through the subwoofer enclosure through the outermost holes, threading them into the port module. Install all four bolts using a 10mm socket. The last two 10mm bolts thread in the opposite direction; start from the port and thread into the enclosure.
6. **Reinstall Subwoofer into Enclosure:** Reconnect the power wires to the subwoofer, ensuring proper polarity (positive to positive, negative to negative). Place the subwoofer back into the enclosure, aligning the holes. Reinstall the eight screws that secure the subwoofer.
7. **Reinstall Enclosure into Vehicle:** Place the modified enclosure back into the vehicle. Reconnect the speaker wires to the enclosure's spring-loaded terminals, ensuring correct polarity. Secure the enclosure in place.

5. OPERATION

Once properly installed and connected to a compatible amplifier, the STINGER TXTRB10 subwoofer enclosure will operate as part of your vehicle's audio system. Ensure your amplifier settings (gain, crossover, phase) are correctly configured for optimal performance and to prevent damage to the subwoofer.

- **Power On:** Turn on your vehicle's audio system and amplifier.
- **Adjust Settings:** Gradually adjust the amplifier's gain control to match the output of your head unit. Set the low-pass filter (LPF) on your amplifier to a suitable frequency (typically 80-120 Hz) to ensure the subwoofer only reproduces low frequencies.
- **Listen and Fine-Tune:** Play various music tracks to fine-tune the settings for your preferred bass response. Avoid excessive volume levels that cause distortion.

6. MAINTENANCE

To ensure the longevity and optimal performance of your STINGER TXTRB10 subwoofer enclosure, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the exterior of the enclosure. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check all wiring connections to ensure they are secure and free from corrosion. Inspect the subwoofer cone and grill for any signs of damage.
- **Environmental Protection:** While the enclosure is weather-resistant, avoid prolonged exposure to extreme moisture or direct sunlight when possible.

7. TROUBLESHOOTING

If you experience issues with your STINGER TXTRB10 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 in protect mode; Blown fuse.	Check all wiring connections for proper polarity and secure fit. Verify amplifier is powered on and not in protect mode. Check and replace any blown fuses in the amplifier or power wiring.
Distorted Sound	Amplifier gain too high; Incorrect crossover settings; Damaged subwoofer.	Reduce amplifier gain. Adjust LPF settings. Inspect subwoofer for physical damage.
Weak Bass Output	Low amplifier gain; Incorrect phase setting; Subwoofer polarity reversed.	Increase amplifier gain. Adjust phase setting on amplifier. Verify correct wiring polarity.

8. SPECIFICATIONS

Detailed technical specifications for the STINGER TXTRB10 Subwoofer Enclosure:

Feature	Detail
Brand	STINGER
Model Number	TXTRB10
Subwoofer Diameter	10 Inches
Speaker Maximum Output Power	800 Watts
Frequency Response	250 Hz
Connectivity Technology	Auxiliary, Wired
Audio Output Mode	Stereo
Mounting Type	Under Seat Mount
Speaker Type	Subwoofer
Is Waterproof	FALSE
Item Dimensions (D x W x H)	12.52"D x 18.11"W x 7.72"H
Compatible with Vehicle Type	Truck
Power Source	Corded Electric

9. WARRANTY AND SUPPORT

The STINGER TXTRB10 Subwoofer Enclosure comes with a limited warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official STINGER website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact STINGER customer service through their official channels.

Online Resources: For additional information, product registration, and FAQs, visit the STINGER Store on Amazon.