



[Manuals.plus](#) /

> [ScorpionEXO](#) /

> ScorpionEXO Helmet Shield Instruction Manual for ST1400, T520, R1 Air, R330 Models

ScorpionEXO EXO-T520/EXO-ST1400/R1 Air Shield

ScorpionEXO Helmet Shield Instruction Manual

For ST1400, T520, R1 Air, and R330 Helmet Models

1. PRODUCT OVERVIEW

This document provides instructions for the ScorpionEXO EverClear Anti-Fog Anti-Scratch Replacement Helmet Shield. This shield is designed to offer clear vision and protection for compatible ScorpionEXO helmets.

Key Features:

- **EverClear Technology:** State-of-the-art fog-free performance.
- **Anti-Scratch Coating:** Hardened surface resists scratches.
- **UV Protection:** Blocks 95% of UV-A and UV-B rays.
- **Secure Seal System:** Designed to pull the shield securely against the eye port for a proper seal.
- **Wide Eye Port:** Enhances peripheral and downward visibility.
- **DOT Certified:** Meets U.S. DOT FMVSS No. 218 Certification standards.



Image 1.1: ScorpionEXO EverClear Anti-Fog Anti-Scratch Dark Smoke Helmet Shield. This image shows the dark smoke shield, highlighting its curved design and tint.

2. COMPATIBILITY

This replacement shield is compatible with the following ScorpionEXO helmet models:

- ScorpionEXO ST1400
- ScorpionEXO T520
- ScorpionEXO R1 Air
- ScorpionEXO R330

Ensure your helmet model is listed above for proper fitment and function.

3. SETUP AND INSTALLATION

Follow these general steps to replace your helmet shield. Specific mechanisms may vary slightly by helmet model. Refer to your helmet's original manual for detailed instructions if necessary.

1. **Preparation:** Place your helmet on a stable, clean surface to prevent damage.
2. **Remove Old Shield:**
 - Locate the shield release mechanism on both sides of your helmet. This is typically a lever, button, or tab near the shield's pivot point.
 - Open the shield fully to its highest position.
 - Activate the release mechanism on one side and gently pull the shield away from the helmet. Repeat for the other side.
 - Carefully detach the old shield.
3. **Install New Shield:**
 - Align the pivot points of the new shield with the helmet's shield mechanism. Ensure the shield is

oriented correctly (EverClear side facing inward).

- Gently press the shield into place until you hear or feel a click, indicating it is securely attached.
- Repeat for the other side.

4. **Test Functionality:** Close and open the shield several times to ensure it moves smoothly and latches securely in the closed position. Check for any gaps or improper seating.

Caution: Do not force the shield during installation or removal. Improper installation can damage the shield or helmet mechanism, compromising safety.

4. OPERATING AND USAGE

The ScorpionEXO EverClear shield is designed for optimal clarity and protection. To ensure its effectiveness:

- **Opening and Closing:** Use the designated tab or lever on the shield to open and close it. Avoid touching the main surface of the shield with bare hands to prevent smudges.
- **Anti-Fog Performance:** The EverClear coating is active on both surfaces. For best anti-fog performance, ensure the shield is clean and free of debris.
- **UV Protection:** The shield provides 95% UV-A and UV-B protection, reducing eye strain and protecting your skin from harmful sun exposure.
- **Tinted Shields:** Dark Smoke shields are intended for daytime use in bright conditions. They may reduce visibility significantly in low-light conditions, at dusk, or at night. Consider carrying a clear shield for such situations.

5. MAINTENANCE AND CARE

Proper care extends the life and maintains the performance of your helmet shield.

Cleaning Instructions:

1. **Rinse:** Gently rinse the shield with lukewarm water to remove loose dirt and debris. Do not wipe a dry, dirty shield as this can cause scratches.
2. **Wash:** Use a mild soap (e.g., baby shampoo) and a soft, clean microfiber cloth. Gently wipe the shield, avoiding harsh scrubbing.
3. **Rinse Thoroughly:** Rinse the shield again with clean water to remove all soap residue.
4. **Dry:** Air dry or gently blot with a clean, soft microfiber cloth. Do not use paper towels or abrasive materials.

Important: Avoid using chemical cleaners, ammonia-based products (like window cleaner), or abrasive compounds, as these can damage the EverClear anti-fog and anti-scratch coatings.

Storage:

When not in use, store the shield in a protective bag or case to prevent scratches and dust accumulation. Keep it away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your helmet shield, consider the following:

- **Persistent Fogging:**
 - Ensure the shield is clean. Residue can impair anti-fog performance.
 - Check helmet ventilation. Proper airflow helps reduce fogging.
 - Verify the shield is properly seated and sealed against the eye port.
- **Difficulty Opening/Closing:**
 - Inspect the shield mechanism on the helmet for any obstructions or damage.
 - Ensure the shield is correctly installed and aligned with the pivot points.
- **Scratches:** The shield has an anti-scratch coating, but it is not scratch-proof. Avoid wiping a dry, dirty shield and use only soft cloths for cleaning. Deep scratches cannot be repaired and may require shield replacement.

7. SPECIFICATIONS

Brand	ScorpionEXO
Model Name	T520/ST1400/R1 AIR/R330 Shield
Model Number	EXO-T520/EXO-ST1400/R1 Air Shield
Color	Dark Smoke (Current Product)
Material	Plastic
Item Weight	0.13 Kilograms
UV Protection	95% UV-A & UV-B
Certification	U.S. DOT FMVSS No. 218 Certified
UPC	845468072554

8. SAFETY INFORMATION

This helmet shield meets DOT FMVSS No. 218 Certification standards, ensuring it provides a certain level of protection. However, no helmet shield can protect against all possible impacts or injuries. Always ride responsibly and wear appropriate safety gear.

- Regularly inspect your shield for damage, deep scratches, or cracks. A damaged shield should be replaced immediately as its protective capabilities may be compromised.
- Tinted shields are not recommended for night riding or low-light conditions due to reduced visibility.
- Ensure the shield is securely latched before riding.

9. WARRANTY AND SUPPORT

For specific warranty information regarding your ScorpionEXO helmet shield, please refer to the documentation included with your purchase or visit the official ScorpionEXO website. For technical support or inquiries, please contact ScorpionEXO customer service directly.

ScorpionEXO Official Website: www.scorpionusa.com

