

Factor 55 00275-01

Factor 55 UltraHook XTV Winch Hook User Manual

Model: 00275-01

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Factor 55 UltraHook XTV Winch Hook. The UltraHook XTV is designed for ATV/UTV winching and recovery operations, offering a robust and secure connection point.

Please read this manual thoroughly before operating the product to ensure proper installation, operation, and maintenance.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in serious injury or death, and damage to equipment.

- Always inspect the UltraHook XTV for any signs of wear, damage, or deformation before each use. Do not use if damaged.
- Ensure the winch hook is properly seated and the latch lock pin is fully engaged before applying any load.
- Never exceed the maximum rated load capacity of 10,000 pounds (4,536 kg).
- Keep hands and body clear of the winch line and hook during operation.
- Use appropriate personal protective equipment (PPE) such as gloves and eye protection.
- Ensure all connections are secure and compatible with the UltraHook XTV.
- Avoid shock loading, which can exceed the rated capacity and cause failure.

3. PRODUCT OVERVIEW



Figure 1: Factor 55 UltraHook XTV Winch Hook. This image displays the red UltraHook XTV, highlighting its key features including the latch lock pin, the throat opening range, and the closed system shackle mount. The hook is designed for ATV/UTV applications and has a maximum load capacity of 10,000 pounds.

The Factor 55 UltraHook XTV (Part Number 00275) is a high-strength winch hook designed for ATV/UTV recovery. It features a unique design that integrates a closed system shackle mount, a robust latch lock pin, and a precise throat opening range.

Key features include:

- **Closed System Shackle Mount:** Allows for direct attachment of a shackle, enhancing safety and reducing recovery points.
- **Latch Lock Pin:** Secures the hook opening, preventing accidental disengagement.
- **Durable Construction:** Made from high-grade 6000 and 7000 series aluminums, with 6AL-4V titanium double shear pins for superior strength and corrosion resistance.
- **Universal Fit:** Designed for broad compatibility with various ATV/UTV winch systems.

4. SETUP AND INSTALLATION

1. **Prepare Winch Line:** Ensure your winch line (synthetic rope or wire cable) is free from frays, kinks, or damage.
2. **Attach UltraHook XTV:** Insert the end of your winch line into the designated slot on the UltraHook XTV. The hook is designed to accept the thimble or loop of the winch line.
3. **Secure Latch Lock Pin:** Once the winch line is properly seated, align the holes and insert the latch lock pin

through the hook and the winch line thimble/loop. Ensure the pin is fully inserted and secured. The pin is critical for preventing accidental detachment.

4. **Verify Connection:** Gently pull on the hook to confirm it is securely attached to the winch line and the latch lock pin is firmly in place.

Note: The throat opening range for the hook is specified as .808 - .972 inches. Ensure your winch line's thimble or loop fits within this range for proper and secure attachment.

5. OPERATING INSTRUCTIONS

The UltraHook XTV is designed for safe and efficient recovery operations. Always follow general winching safety guidelines in addition to these specific instructions.

1. **Connect to Recovery Point:** Attach the UltraHook XTV to a suitable recovery point on the vehicle or anchor. This can be done by hooking directly to a recovery point or by using a shackle through the integrated closed system shackle mount.
2. **Ensure Proper Orientation:** When hooking, ensure the "HOOK UP" and "OPENING FACES UPWARD" markings are oriented correctly for optimal load distribution and safety.
3. **Apply Load Gradually:** Begin winching slowly and smoothly. Avoid sudden jerks or shock loads, which can damage the hook or winch system.
4. **Monitor During Operation:** Continuously monitor the hook and all recovery components during the winching process for any signs of stress or movement.
5. **Release Load Safely:** Once the recovery is complete, slowly release tension from the winch line before disconnecting the UltraHook XTV.

6. MAINTENANCE

Regular maintenance will extend the life of your UltraHook XTV.

- **Cleaning:** After each use, especially in dirty or corrosive environments, clean the hook with mild soap and water. Rinse thoroughly and dry completely.
- **Inspection:** Periodically inspect the entire hook for cracks, bends, excessive wear, corrosion, or any deformation. Pay close attention to the latch lock pin and its retaining mechanism.
- **Storage:** Store the UltraHook XTV in a clean, dry place, away from direct sunlight and harsh chemicals.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Difficulty inserting latch lock pin.	Winch line thimble/loop not aligned or damaged. Pin or hook mechanism is dirty or corroded.	Ensure proper alignment. Clean pin and mechanism. Inspect for damage and replace if necessary.
Hook appears worn or deformed.	Exceeded load capacity, shock loading, or prolonged use.	Discontinue use immediately. Replace the UltraHook XTV. Adhere to load limits.
Hook not securely attaching to recovery point.	Incorrect recovery point used. Latch lock pin not fully engaged.	Use only designated recovery points. Ensure latch lock pin is fully secured.

8. SPECIFICATIONS

Model:	00275-01
Part Number:	00275
Brand:	Factor 55
Maximum Load	
Capacity:	10,000 pounds (4,536 kg)
Throat Opening	
Range:	0.808 - 0.972 inches
Material:	6000 and 7000 series aluminums, 6AL-4V titanium double shear pins
Patent:	US Patent # 10,202,260
Origin:	Made in USA

9. WARRANTY AND SUPPORT

Factor 55 products are designed and manufactured to high standards. For specific warranty information and customer support, please refer to the official Factor 55 website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

For further assistance or technical inquiries, please visit the [Factor 55 official website](#).

