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Mayhem 8110-2970BTR

MAYHEM Tripwire 8110 Wheel User Manual

Model: 8110-2970BTR | Brand: Mayhem

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your MAYHEM Tripwire 8110 Wheel. Please read this manual thoroughly before installation and retain it for future reference. Proper installation and maintenance are crucial for safety and product longevity.

1.1 Safety Information

- Always ensure professional installation of wheels and tires. Incorrect installation can lead to serious injury or vehicle damage.
- Verify the wheel specifications (size, bolt pattern, offset, load rating) match your vehicle's requirements before installation.
- Use appropriate safety gear, including gloves and eye protection, during handling and installation.
- Never exceed the maximum load rating of the wheel or tire.
- Regularly inspect wheels for damage, cracks, or bends. Do not use damaged wheels.

2. Product Overview

The MAYHEM Tripwire 8110 is a high-quality aluminum alloy wheel designed for trucks, offering durability and a distinctive aesthetic. It features a black finish with prism red accents.

2.1 Key Features

- Size: 20x9 inches, Offset: 0mm.
- Black W/Prism Red Finish.
- TPMS (Tire Pressure Monitoring System) Compatible.
- Industry-leading load ratings up to 3640 lbs. on 40" tires.
- Precision construction using high-quality aluminum alloys.

2.2 What's in the Box

- 1 x MAYHEM Tripwire 8110 Wheel

2.3 Product Images



Front view of the MAYHEM Tripwire 8110 wheel, showcasing its black finish with prism red accents on the spokes.



Angled rear view of the MAYHEM Tripwire 8110 wheel, highlighting the deep dish and overall construction.

3. Setup and Installation

Proper installation is critical for safety and performance. It is highly recommended that wheel and tire installation be performed by a certified professional.

3.1 Pre-Installation Checks

- Inspect the wheel for any shipping damage. Do not install a damaged wheel.
- Confirm the wheel's bolt pattern, diameter, width, and offset are compatible with your vehicle.
- Ensure the hub bore of the wheel matches your vehicle's hub or use appropriate hub-centric rings.
- Verify that the lug nuts or bolts are compatible with the new wheels and provide sufficient thread engagement.

3.2 Installation Steps (General Guidelines)

1. Safely lift and support the vehicle using jack stands.
2. Remove the old wheel.
3. Clean the vehicle's hub mounting surface thoroughly to remove any rust, dirt, or debris.

4. Mount the new wheel onto the hub, ensuring it sits flush against the mounting surface.
5. Install lug nuts/bolts by hand until snug.
6. Lower the vehicle until the tires just touch the ground, preventing the wheel from rotating while tightening.
7. Using a torque wrench, tighten the lug nuts/bolts in a star or cross-pattern to the vehicle manufacturer's specified torque settings. **Do not overtighten.**
8. Fully lower the vehicle and remove jack stands.

4. Operating Considerations

While wheels do not have 'operating' functions in the traditional sense, proper driving habits and post-installation checks are essential for safety and longevity.

4.1 Post-Installation Torque Check

After driving approximately 50-100 miles (80-160 km) on newly installed wheels, re-torque all lug nuts/bolts to the manufacturer's specifications. This is crucial as wheels can settle, and lug nuts may loosen slightly after initial use.

4.2 Driving Practices

- Avoid driving over potholes or curbs at high speeds, as this can damage the wheel and tire.
- Maintain correct tire pressure as specified by your vehicle manufacturer. Incorrect tire pressure can affect wheel performance and safety.

5. Maintenance

Regular maintenance will help preserve the appearance and structural integrity of your MAYHEM Tripwire 8110 wheels.

5.1 Cleaning

- Clean wheels regularly with mild automotive soap and water.
- Avoid using abrasive cleaners, harsh chemicals, or stiff brushes, as these can damage the finish.
- Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots.

5.2 Inspection

- Periodically inspect wheels for any signs of damage, such as cracks, bends, or deep scratches.
- Check lug nuts for proper tightness during tire rotations or at least every 5,000 miles (8,000 km).
- Ensure tires are properly balanced. Unbalanced tires can cause vibrations and premature wear on both tires and wheels.

5.3 Storage

If storing wheels for an extended period, clean them thoroughly and store them in a cool, dry place away from direct sunlight and harsh chemicals.

6. Troubleshooting

This section addresses common issues that may arise with automotive wheels.

6.1 Wheel Vibration

- **Cause:** Unbalanced tires, bent wheel, loose lug nuts, debris on hub.
- **Solution:** Have tires re-balanced by a professional. Inspect wheels for damage. Re-torque lug nuts. Clean hub mounting surface.

6.2 Unusual Noise from Wheel Area

- **Cause:** Loose lug nuts, worn wheel bearings (not wheel specific), brake issues.
- **Solution:** Check and re-torque lug nuts. Consult a mechanic for diagnosis of bearings or brakes.

6.3 Tire Losing Air Pressure

- **Cause:** Puncture, faulty valve stem, bead leak, cracked wheel.
- **Solution:** Inspect tire for punctures. Check valve stem. Have tire re-seated on the wheel. Inspect wheel for cracks; replace if cracked.

7. Specifications

Detailed technical specifications for the MAYHEM Tripwire 8110 Wheel (Model: 8110-2970BTR).

Specification	Value
Model	Tripwire 8110
Manufacturer Part Number	8110-2970BTR
Brand	Mayhem
Size	20x9 inches
Wheel Size	20 Inches
Rim Width	9 Inches
Pitch Circle Diameter (PCD)	170 Millimeters
Bolt Pattern (Number of Holes)	8
Offset	0mm
Load Index	3640 lbs
Color	Black W/Prism Red
Construction	Cast Aluminum Alloy
Vehicle Service Type	Truck
Item Weight	36 pounds
UPC	729419127992, 789971706110
Global Trade Identification Number	00729419127992

8. Warranty and Support

For specific warranty information regarding your MAYHEM Tripwire 8110 Wheel, please refer to the warranty documentation provided with your purchase or visit the official Mayhem Wheels website. Warranty terms typically cover manufacturing defects.

8.1 Customer Support

If you have questions, require technical assistance, or need to report an issue, please contact Mayhem Wheels customer support directly. Contact information can usually be found on their official website or on your purchase receipt.

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