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Aramox Aramox9era70uxd82585

Aramox Rear Wheel Assembly 2.5-10 Instruction Manual

Model: Aramox9era70uxd82585

Product Overview

This manual provides detailed instructions for the installation, operation, and maintenance of the Aramox 2.5-10 Rear Wheel Assembly. This assembly is designed for dirt bikes and motorcycles, offering a complete solution including tire, inner tube, bearing, inner spacer, sprocket, and disc.



Figure 1: Complete Aramox 2.5-10 Rear Wheel Assembly, showing the tire, rim, sprocket, and disc brake rotor.

Safety Information

Always wear appropriate safety gear, including gloves and eye protection, when handling and installing the wheel assembly. Ensure the motorcycle is stable and securely supported before beginning any work. Consult a professional mechanic if you are unsure about any installation steps.

- Ensure all components are clean and free from debris before assembly.
- Do not overtighten bolts and nuts; refer to torque specifications.
- Verify proper tire pressure after installation.
- Regularly inspect the wheel for wear and damage.

Setup and Installation

This section outlines the steps for installing the Aramox Rear Wheel Assembly onto your dirt bike or motorcycle.

Components Included:

- Tire (Size: 2.5-10, Width: 65mm/2.56in)
- Inner Tube
- Wheel Rim
- Bearing
- Inner Spacer
- Sprocket
- Disc Brake Rotor

Installation Steps:

1. **Prepare the Motorcycle:** Place the motorcycle on a stable stand, ensuring the rear wheel is elevated and secure. Remove the old rear wheel if present.



Figure 2: Example of a motorcycle prepared for wheel installation, showing the front wheel already in place.

2. **Inspect the New Assembly:** Before installation, carefully inspect all components of the new rear wheel assembly

for any signs of damage during shipping. Ensure the tire, rim, sprocket, and disc are intact.



Figure 3: The Aramox Rear Wheel Assembly, highlighting the integrated sprocket and disc brake rotor.

3. **Install the Disc Brake Rotor (if separate):** If the disc brake rotor is not pre-installed, align it with the mounting holes on the wheel hub and secure it with the provided bolts. Ensure bolts are tightened to manufacturer specifications.



Figure 4: Detailed view of the disc brake rotor, showing its design and attachment points.

4. **Install the Sprocket (if separate):** Similarly, if the sprocket is not pre-installed, align it with the hub and secure it. Ensure proper alignment with the chain line.



Figure 5: Detailed view of the sprocket, showing its teeth and mounting to the wheel hub.

5. **Mount the Wheel:** Carefully lift the wheel assembly and align the axle with the swingarm mounts. Ensure the disc brake rotor slides into the caliper and the sprocket aligns with the chain. The wheel is suitable for an axle diameter of 12mm/0.47in.



Figure 6: Side view of the wheel assembly, emphasizing the disc brake rotor side.

6. **Secure the Axle:** Insert the axle through the wheel hub and swingarm. Install the axle nut and tighten it to the manufacturer's specified torque. Ensure chain tension is correctly adjusted.



Figure 7: Side view of the wheel assembly, emphasizing the sprocket side.

7. **Check Tire Pressure:** Inflate the tire to the recommended pressure for your motorcycle model. The tire features strong friction force and anti-slip properties.





Figure 8: Top-down view of the tire, showcasing its aggressive tread pattern for off-road use.

8. **Final Inspection:** Before riding, double-check all bolts and nuts for tightness. Rotate the wheel to ensure it spins freely and the brakes operate correctly. Verify chain alignment and tension.



Figure 9: Close-up of the tire sidewall, showing manufacturing details and load information.

Operating Guidelines

Once installed, the Aramox Rear Wheel Assembly is ready for use. This wheel is designed for off-road applications on dirt bikes and motorcycles.

- Ensure tire pressure is checked before each ride.
- Avoid overloading the motorcycle beyond its specified weight capacity.
- Be aware of the terrain and adjust riding style accordingly.

Maintenance

Regular maintenance is crucial for the longevity and safe operation of your Aramox Rear Wheel Assembly.

- **Tire Inspection:** Regularly check the tire for cuts, punctures, and excessive wear. Replace the tire if the tread depth is insufficient or if there are signs of damage.
- **Bearing Check:** Periodically check the wheel bearings for play or roughness. Worn bearings should be replaced immediately to prevent further damage and ensure safe operation.
- **Sprocket and Chain:** Inspect the sprocket teeth for wear (hooking or thinning). Ensure the chain is properly lubricated and tensioned.
- **Disc Brake Rotor:** Check the disc for warping, cracks, or excessive wear. Ensure brake pads are in good condition and the caliper operates smoothly.
- **Cleaning:** After riding in muddy or dirty conditions, clean the wheel assembly to prevent dirt buildup from affecting performance.

Troubleshooting

This section addresses common issues you might encounter with the rear wheel assembly.

Problem	Possible Cause	Solution
Wheel Wobble	Loose axle nut, worn bearings, bent rim.	Tighten axle nut to specification. Inspect and replace bearings if worn. Inspect rim for damage.
Loss of Tire Pressure	Puncture, faulty valve stem, improperly seated tire bead.	Inspect tire for punctures and repair or replace. Check valve stem. Re-seat tire bead.
Brake Squeal/Poor Braking	Contaminated disc/pads, worn pads, air in brake line (if hydraulic).	Clean disc and pads. Replace worn pads. Bleed brake system if necessary.
Sprocket/Chain Issues	Incorrect chain tension, worn sprocket teeth, misaligned wheel.	Adjust chain tension. Replace worn sprocket. Realign wheel.

Specifications

Key specifications for the Aramox Rear Wheel Assembly:

- **Tire Size:** 2.5-10
- **Tire Width:** 65mm / 2.56 inches
- **Axle Diameter Compatibility:** 12mm / 0.47 inches
- **Material:** High quality rubber and metal
- **Features:** Rustproof, wear resistant, high strength, anti-slip, stable performance
- **Item Weight:** 7.24 pounds
- **Package Dimensions:** 15.5 x 15.5 x 3.5 inches
- **Manufacturer Part Number:** Aramox9era70uxd82585

Warranty and Support

Aramox is committed to providing high-quality products. For any issues or support inquiries regarding your rear wheel assembly, please contact Aramox customer service through the retailer where the product was purchased.
Refer to your purchase documentation for specific warranty terms and conditions. The product is designed for durability and long service life, made from premium materials.
For more information about Aramox products, visit the official Aramox store on Amazon:Aramox Store

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