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› Instruction Manual for DJ-Motor CNC SDG 15mm Wheel Hubs

DJ-Motor TY-A1272-A1276

Instruction Manual: CNC SDG 15mm Wheel Hubs

Model: TY-A1272-A1276 | Brand: DJ-Motor

INTRODUCTION

Thank you for choosing DJ-Motor CNC SDG 15mm Wheel Hubs. These high-quality hubs are designed for 32-spoke rim pit dirt bikes and mini motards, providing a robust and precise foundation for your wheel assembly. This manual provides essential information for the proper setup, operation, and maintenance of your new wheel hubs to ensure optimal performance and longevity.

SAFETY INFORMATION

Always prioritize safety when working with motorcycle components. Improper installation or maintenance can lead to serious injury or damage. If you are unsure about any step, consult a qualified mechanic.

- Ensure the motorcycle is stable and securely supported before beginning any work.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Use the correct tools for each task to prevent damage to components or injury.
- Verify all fasteners are tightened to the manufacturer's specified torque settings.
- Regularly inspect hubs and wheels for signs of wear, damage, or loose components.

PACKAGE CONTENTS

Your package should contain the following items:

- 1 Set of CNC SDG 15mm Wheel Hubs (Front and Rear)



Image: The complete set of red CNC SDG 15mm Wheel Hubs, as included in the package.

SETUP AND INSTALLATION

This section outlines the general steps for installing the wheel hubs. Specific procedures may vary depending on your motorcycle model. Always refer to your motorcycle's service manual for detailed instructions and torque specifications.

1. Preparation:

- Ensure you have all necessary tools, including a torque wrench, appropriate sockets, and a wheel truing stand if you are lacing spokes.
- Clean the work area and all components thoroughly.

2. Bearing Inspection:

The hubs come with pre-installed bearings. Inspect them for smooth rotation and ensure they are properly seated. If replacement is needed, use a bearing press for proper installation.



Image: A detailed view of the hub's bearing area, highlighting the precision machining and bearing installation.

3. Spoke Lacing (if applicable):

These hubs are designed for 32-spoke rims. If you are building a new wheel or replacing spokes, follow standard wheel lacing patterns and tensioning procedures. Ensure spokes are evenly tensioned and the wheel is true.

4. Axle Installation:

The hubs are designed for a 15mm axle. Carefully slide the axle through the fork/swingarm, wheel hub, and spacers. Ensure all spacers are correctly positioned to prevent binding or excessive play.



Image: Side profile of the front and rear hubs, illustrating their distinct dimensions for proper fitment.

5. Brake Rotor and Sprocket Mounting:

Mount your brake rotor and sprocket (for the rear hub) to the designated mounting points on the hubs. Use

appropriate hardware and apply thread-locking compound if recommended by your motorcycle manufacturer. Torque all bolts to specifications.

6. Final Checks:

- Spin the wheel to check for free rotation and any rubbing.
- Verify that the brake rotor is centered within the caliper and the chain/belt is properly aligned.
- Double-check all fasteners for correct torque.

Your browser does not support the video tag.

Video: An overview of the DJ-Motor CNC SDG Dirt Bike Wheel Rim Hubs, showcasing their design and features relevant to installation.

OPERATING CONSIDERATIONS

Once installed, these hubs are designed for high performance in pit dirt bike and mini motard applications. While there is no "operation" of the hubs themselves, their proper function is critical to the overall performance and safety of your motorcycle.

- **Ride Safely:** Always operate your motorcycle within its design limits and your skill level.
- **Pre-Ride Inspection:** Before each ride, perform a quick inspection of your wheels and hubs. Check for any loose spokes, excessive wheel play, or unusual noises.
- **Post-Ride Inspection:** After riding, especially in harsh conditions, inspect the hubs for any signs of impact damage or debris accumulation.

MAINTENANCE

Regular maintenance will extend the life of your DJ-Motor wheel hubs and ensure continued safe operation.

- **Cleaning:** Clean the hubs regularly, especially after riding in muddy or dusty conditions. Use mild soap and water, and avoid harsh chemicals that could damage the anodized finish.
- **Bearing Maintenance:**
 - Inspect bearings periodically for smooth rotation and absence of play.
 - If bearings feel rough or have excessive play, they should be replaced. Bearing replacement requires specialized tools and knowledge.
- **Spoke Tension:** If your wheels are spoked, regularly check and adjust spoke tension to keep the wheel true and prevent spoke breakage.
- **Fastener Torque:** Periodically re-check the torque of all mounting bolts for the brake rotor, sprocket, and axle nuts.

TROUBLESHOOTING

This section addresses common issues you might encounter with wheel hubs.

Problem	Possible Cause	Solution
Wheel feels loose or wobbly	Worn bearings, loose axle nut, loose spokes (if applicable)	Inspect and replace bearings, tighten axle nut to specification, check and adjust spoke tension.
Unusual noise from wheel	Worn bearings, debris in hub, brake rotor rubbing	Inspect and replace bearings, clean hub, check brake caliper alignment.

Problem	Possible Cause	Solution
Difficulty installing axle	Misaligned spacers, bent axle, debris in hub bore	Ensure spacers are correctly oriented, check axle for straightness, clean hub bore.

SPECIFICATIONS

Feature	Detail
Product Type	Wheel Hubs
Brand	DJ-Motor
Model Number	TY-A1272-A1276
Axle Hole Diameter	15mm
Spoke Count Compatibility	32pcs Spoke Rim
Material	CNC Machined Aluminum
Color	Red
Fitment	Pit Dirt Bike, Mini Motard
Item Weight	4.11 pounds (approx. 1.86 kg)
Country of Origin	China

WARRANTY AND SUPPORT

DJ-Motor is committed to providing high-quality products. For specific warranty details and support inquiries, please refer to the official DJ-Motor website or contact their customer service directly. Always provide your product model number (TY-A1272-A1276) and purchase information when seeking support.

You can visit the official DJ-Motor store for more information:[DJ-Motor Store on Amazon](#)

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question