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Fydun Fydun1gkjk1375

Instruction Manual: Fydun Tire Changer Tool Head

Model: Fydun1gkjk1375 | Brand: Fydun

1. Introduction

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Fydun Tire Changer Tool Head. This tool head is designed as a replacement part for Hunter TCA34 tire changers, specifically for mounting and demounting automobile tires. Crafted from high-quality nylon and plastic materials, it offers durability and reliable performance.

Please read this manual thoroughly before using the product to ensure safe and efficient operation.

2. Safety Information

Always observe the following safety precautions when working with tire changing equipment:

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the tire changer machine is turned off and disconnected from power before performing any installation or maintenance.
- Verify that the tool head is securely attached to the tire changer before operation.
- Do not attempt to modify the tool head or use it for purposes other than its intended design.
- Keep hands and clothing clear of moving parts during operation.
- Refer to your tire changer's original instruction manual for specific safety guidelines related to the machine itself.

3. Product Overview and Components

The Fydun Tire Changer Tool Head is a mount/demount duck head designed for tire changing operations. It is made from durable nylon and plastic materials.



Figure 3.1: Side view of the Fydun Tire Changer Tool Head.



Figure 3.2: Angled view of the Fydun Tire Changer Tool Head, highlighting its robust construction.



Figure 3.3: Top view of the Fydun Tire Changer Tool Head, showing the mounting interface.

4. Setup and Installation

This tool head is designed for direct replacement of old or malfunctioning components on compatible Hunter TCA34 tire changers. Ensure the OE number RP6-710014120 matches for compatibility.

Installation Steps:

1. **Preparation:** Power off and unplug your tire changer machine. Ensure the machine is stable and secure.
2. **Remove Old Tool Head:** Carefully unbolt or detach the existing tool head from the tire changer's mounting arm. Note the orientation for proper installation of the new head.
3. **Attach New Tool Head:** Align the Fydun Tire Changer Tool Head with the mounting points on the machine's arm. Secure it firmly using the appropriate fasteners (not included, typically re-use existing).
4. **Verify Security:** Gently attempt to move the newly installed tool head to ensure it is tightly secured and does not wobble.



Figure 4.1: The tool head is a critical component in the tire changing process, shown here in context with a vehicle and tire.



Figure 4.2: Various perspectives of the tool head and its application in tire mounting and demounting.

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Video 4.1: Demonstration of the Fydun Tire Changer Tool Head in use. This video illustrates the general application of the tool head in a tire changing scenario.

5. Operating Instructions

Once the Fydun Tire Changer Tool Head is securely installed, operate your tire changer machine according to its manufacturer's instructions. The tool head facilitates the smooth mounting and demounting of tires by providing a durable, low-friction surface for the tire bead.

- Position the tire correctly on the turntable.
- Bring the tool head into contact with the tire bead as per your machine's operating procedure.
- Apply consistent pressure and rotation to mount or demount the tire.

- The durable nylon and plastic construction of the tool head helps prevent damage to the wheel rim during operation.

6. Maintenance

Regular maintenance will extend the lifespan of your Fydun Tire Changer Tool Head:

- **Cleaning:** After each use, wipe down the tool head to remove any rubber residue, dirt, or debris. Use a mild cleaner if necessary, avoiding harsh chemicals that could degrade the plastic.
- **Inspection:** Periodically inspect the tool head for signs of wear, cracks, or damage. While designed for durability, continuous use can lead to wear.
- **Replacement:** If the tool head shows significant wear or damage, replace it immediately to prevent damage to tires or wheels, and to maintain efficient operation. This product is designed for efficient replacement.
- **Storage:** Store the tool head in a clean, dry environment when not in use.

7. Troubleshooting

If you encounter issues with the Fydun Tire Changer Tool Head, consider the following:

Problem	Possible Cause	Solution
Tool head not fitting correctly.	Incorrect model or improper alignment during installation.	Verify the OE number RP6-710014120 for compatibility. Re-align and re-install the tool head carefully.
Excessive wear or breakage.	Normal wear and tear, improper use, or excessive force.	Inspect for damage. Replace the tool head if significantly worn or broken. Ensure proper operating techniques are used.
Difficulty mounting/demounting tires.	Tool head worn, tire changer machine issues, or incorrect technique.	Check tool head for wear. Consult your tire changer's manual for machine-specific troubleshooting. Review operating instructions.

If problems persist, contact Fydun customer support or a qualified technician.

8. Specifications

Attribute	Detail
Brand	Fydun
Model Number	Fydun1gkjk1375
Reference OE Number	RP6-710014120
Material	Nylon, Plastic
Item Weight	7.4 ounces
Package Dimensions	5.43 x 3.62 x 1.38 inches
Country of Origin	China



Figure 8.1: Image showing approximate dimensions and specifications related to wheel width, torque, and diameter.

9. Warranty and Support

For any questions, technical assistance, or warranty inquiries regarding your Fydun Tire Changer Tool Head, please contact Fydun customer support through their official channels or the retailer from whom you purchased the product.

Please retain your proof of purchase for warranty purposes.

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