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CAAT TOOLS TE72 TE-72

Instruction Manual: Replacement Aluminum Connection Rod

Brand: CAAT TOOLS | **Model:** TE72 TE-72

1. Product Overview

This product is a high-quality replacement aluminum connection rod specifically designed for HILTI TE72 and TE-72 Electric Hammers. It serves as a crucial internal component, ensuring the proper function of the hammer mechanism. Manufactured from durable materials and rigorously tested, this aftermarket part is engineered to perform comparably to an original connection rod, offering a reliable solution for maintaining your electric hammer.



Figure 1: The CAAT TOOLS Replacement Aluminum Connection Rod.

2. Product Features

- Constructed from durable aluminum alloy for longevity.
- Specifically designed as a direct replacement for HILTI TE72 and TE-72 electric hammers.
- Rigorously tested to ensure reliable performance.
- Compact and sturdy design for effective power transmission within the tool.
- Functions as an equivalent to the original equipment manufacturer (OEM) part.

3. Compatibility

This replacement connection rod is compatible with the following electric hammer models:

HILTI TE72 Electric Hammer

HILTI TE-72 Electric Hammer

Ensure your electric hammer model matches one of the listed compatible models before attempting installation.

4. Installation Instructions

Proper installation is critical for the performance and longevity of the connection rod and your electric hammer. It is recommended that installation be performed by a qualified technician.

1. **Preparation:** Before beginning any work, ensure the electric hammer is disconnected from its power source to prevent accidental startup.
2. **Disassembly:** Carefully disassemble the electric hammer according to the manufacturer's service manual to access the internal cylinder and existing connection rod.
3. **Cylinder Cleaning:** **Crucial Step:** Before installing the new connection rod, thoroughly clean any residual oil or debris from inside the cylinder. Failure to do so can lead to premature damage to the new connecting rod.
4. **New Rod Installation:** Carefully position the new CAAT TOOLS replacement connection rod into its designated place within the hammer's mechanism. Ensure all components align correctly.
5. **Reassembly:** Reassemble the electric hammer, ensuring all screws and fasteners are tightened to the manufacturer's specifications.
6. **Testing:** After reassembly, perform a brief test run of the electric hammer to confirm proper operation before full use.



Figure 2: Key dimensions of the connection rod for reference during installation.



Figure 3: A different perspective of the connection rod, highlighting its robust construction.

5. Operation and Function

The aluminum connection rod is an internal component that facilitates the reciprocating motion within the electric hammer's mechanism. Once correctly installed, it works in conjunction with other internal parts to transfer power and generate the hammering action. This part does not require direct user operation; its function is integral to the hammer's internal mechanics.

6. Maintenance

As an internal component, the connection rod itself requires minimal direct maintenance. However, ensuring the overall cleanliness and proper lubrication of your electric hammer's internal components, as per the hammer manufacturer's guidelines, will contribute to the longevity of all parts, including this replacement rod.

- Regularly inspect the hammer for unusual noises or decreased performance, which may indicate wear on internal parts.
- Adhere to the electric hammer's recommended lubrication schedule.
- Store the electric hammer in a clean, dry environment to prevent corrosion and contamination of internal components.

7. Troubleshooting

If your electric hammer experiences issues after replacing the connection rod, consider the following common troubleshooting steps:

- **No Hammering Action:**
  - Verify that the connection rod was installed correctly and is not obstructed.
  - Ensure the cylinder was thoroughly cleaned of old oil and debris before installation.
  - Check other internal components for wear or damage that might affect the hammering mechanism.
- **Unusual Noises:**

- Indicates potential misalignment or improper seating of parts. Re-open and inspect the assembly.
- Ensure adequate lubrication of all moving parts.

If problems persist, it is advisable to consult a professional tool repair service or the original electric hammer manufacturer's support.

8. Specifications

Attribute	Value
Brand	CAAT TOOLS
Model Number	TE72 TE-72
Material	Aluminium alloy
Item Weight	0.03 Kilograms (approx. 1.06 ounces)
Compatible Drill Type	Hammer Drill (HILTI TE72/TE-72)
UPC	791290660875
Manufacturer	CAAT
Country of Origin	China

9. Warranty and Support

This product is an aftermarket replacement part. For specific warranty information, please refer to the terms and conditions provided by the seller at the time of purchase. For technical support or inquiries regarding this CAAT TOOLS product, please contact the seller directly through the platform where the purchase was made.



Figure 4: The connection rod as typically packaged.



Figure 5: Another view of the connection rod within its protective packaging.

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