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CRAFTSMAN CMHT81645

CRAFTSMAN CMHT81645 8-inch Long Nose Pliers Instruction Manual

Model: CMHT81645 | Brand: CRAFTSMAN

1. INTRODUCTION

This manual provides essential information for the safe and effective use, maintenance, and care of your CRAFTSMAN CMHT81645 8-inch Long Nose Pliers. Please read these instructions thoroughly before initial use and retain for future reference.



Figure 1: CRAFTSMAN CMHT81645 8-inch Long Nose Pliers

2. SAFETY INFORMATION

Always observe basic safety precautions when using hand tools to reduce the risk of injury.

- Wear appropriate personal protective equipment (PPE), such as safety glasses, to protect against flying debris.
- Ensure the workpiece is stable and secure before applying force with the pliers.
- Do not use pliers for tasks they are not designed for, such as hammering or prying.
- Inspect pliers for damage or wear before each use. Do not use damaged tools.
- Keep hands and fingers clear of the jaws during operation.
- Store pliers in a dry, secure location away from children.

3. PRODUCT FEATURES

The CRAFTSMAN CMHT81645 Long Nose Pliers are engineered for durability and user comfort.

- **Multi-zone Bi-material Grips:** Designed for enhanced comfort and control during prolonged use.
- **Induction Hardened Cutting Edges:** Ensures the cutting edges remain sharper for an extended period.
- **Drop Forged Steel Construction:** Provides superior strength and durability for a longer tool life.
- **Corrosion-Resistant Finish:** Offers protection against rust and wear, extending the tool's lifespan.





Figure 2: Ergonomic grips for comfort and control

4. SETUP

Your CRAFTSMAN Long Nose Pliers are ready for use directly out of the packaging. No assembly is required.

1. Remove the pliers from their packaging.
2. Inspect the pliers for any signs of shipping damage or manufacturing defects.
3. Ensure the jaws open and close smoothly without excessive play.

5. OPERATING INSTRUCTIONS

These long nose pliers are designed for gripping, bending, and cutting small wires or objects in confined spaces.

5.1. Gripping and Bending

1. Position the object to be gripped or bent between the jaws of the pliers.
2. Apply firm, even pressure to the handles to secure the object.
3. Use the long, tapered jaws to reach into tight areas or manipulate small components.

5.2. Cutting

1. Locate the cutting edges near the pivot point of the pliers.
2. Place the wire or material to be cut between the cutting edges.
3. Squeeze the handles firmly and steadily until the material is severed.
4. Avoid cutting hardened steel or excessively thick materials to prevent damage to the cutting edges.

Your browser does not support the video tag.

Video: Product Summary Video - Demonstrates the features and use of the CRAFTSMAN Long Nose Pliers.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your pliers.

- **Cleaning:** After each use, wipe down the pliers with a clean, dry cloth to remove dirt, grease, and moisture.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot point to ensure smooth operation and prevent rust.
- **Storage:** Store pliers in a dry environment to prevent corrosion. A tool roll or box is recommended to protect the tips and cutting edges.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Jaws stick or are stiff	Lack of lubrication, dirt/debris in pivot	Clean pivot area and apply light machine oil.
Rust formation	Exposure to moisture, improper storage	Clean with a rust remover, apply protective oil, store in a dry place.
Dull cutting edges	Normal wear and tear, cutting inappropriate materials	Cutting edges are induction hardened for longevity; if severely dull, consider replacement or professional sharpening.

8. SPECIFICATIONS

Attribute	Detail
Model Number	CMHT81645
Brand	CRAFTSMAN
Material	Alloy Steel
Product Dimensions	2.9"W (8 Inches Cutting Width)
Color	Chrome
Handle Material	Chrome (with Bi-material grips)
Item Weight	0.28 Kilograms
Specific Uses For Product	Cutting, Gripping, Bending
Grip Type	Ergonomic

Attribute	Detail
Specification Met	Corrosion resistance standard compliance

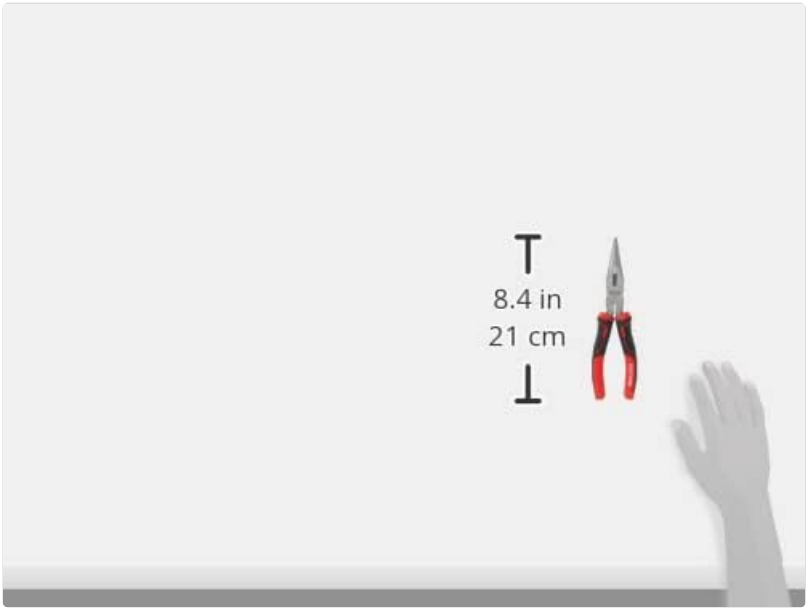


Figure 3: Pliers with approximate dimensions

9. WARRANTY AND SUPPORT

CRAFTSMAN stands behind the quality of its tools.

- **Manufacturer Warranty:** This product is covered by a Full Lifetime Warranty. For detailed terms and conditions, please refer to the official CRAFTSMAN warranty policy or visit their official website.
- **Customer Support:** For assistance, product inquiries, or warranty claims, please contact CRAFTSMAN customer service through their official channels.

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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.

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