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› Channellock 440 Pliers User Manual

Channellock 440

Channellock 440 12-inch Straight Jaw Tongue and Groove Pliers

Model: 440 | Brand: Channellock

INTRODUCTION

The Channellock 440 12-inch Straight Jaw Tongue and Groove Pliers are a versatile and durable hand tool designed for a wide range of applications. Manufactured in the USA from high-carbon steel, these pliers feature a unique design that provides a strong, secure grip and long-lasting performance. This manual provides essential information on the features, proper use, maintenance, and specifications of your Channellock 440 pliers.



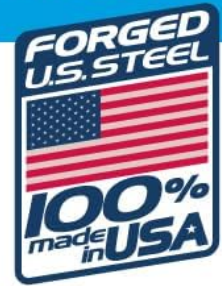
Figure 1: Channellock 440 12-inch Straight Jaw Tongue and Groove Pliers.

PRODUCT FEATURES

- **Right angle, laser heat-treated teeth:** Designed to grip better and last longer, providing superior biting force in all directions.
- **Undercut tongue & groove design:** Ensures a secure grip that won't slip, minimizing jaw movement during use.
- **PERMALOCK fastener:** Eliminates nut and bolt failure, ensuring the pliers maintain their integrity over time.
- **Patented reinforcing edge:** Minimizes stress breakage, enhancing the tool's overall durability and lifespan.
- **High-carbon C1080 steel construction:** Provides superior performance and strength, forged for reliability.
- **Electronic coating:** Offers ultimate rust prevention, protecting the tool from corrosion in various environments.
- **CHANNELLOCK BLUE comfort grips:** Designed for added comfort and reduced hand fatigue during prolonged use.



STRAIGHT JAW TONGUE & GROOVE PLIERS



**STRONG 90° LASER-HARDENED TEETH
GRIP IN BOTH DIRECTIONS**

**UNDERCUT TONGUE & GROOVE
CHANNELS WON'T SLIP**

**PERMALOCK® FASTENER
FOR JOINT STRENGTH**

**CHANNELLOCK BLUE®
COMFORT GRIPS**

**FORGED HIGH CARBON
U.S. STEEL**

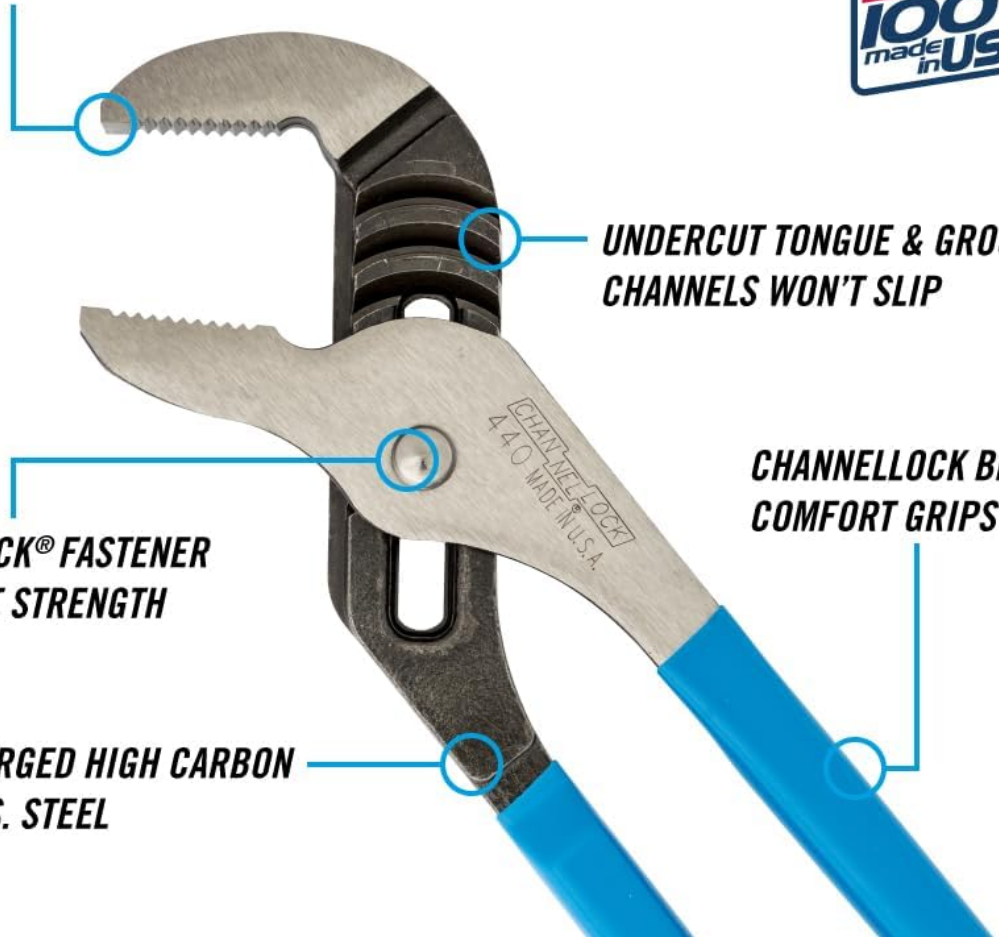


Figure 2: Diagram highlighting key features of the Channellock 440 pliers, including laser heat-treated teeth, undercut channels, PermaLock fastener, and Channellock Blue comfort grips.

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Video 1: Official video detailing the features and benefits of Channellock Straight Jaw Tongue and Groove Pliers, including their robust construction and innovative design elements.

SETUP AND INITIAL INSPECTION

Before first use, inspect your Channellock 440 pliers for any signs of damage or manufacturing defects. Ensure the jaws open and close smoothly and that the PermaLock fastener is secure. No complex assembly is required; the pliers are ready for use out of the packaging.

OPERATING INSTRUCTIONS

The Channellock 440 pliers are designed for gripping, turning, and holding various objects. Their straight jaw and tongue and groove design allow for maximum versatility.

1. **Adjusting Jaw Capacity:** To adjust the jaw opening, slide the movable jaw along the tongue and groove

channels until the desired opening is achieved. The unique undercut channels ensure the jaws interlock securely, preventing slippage.

2. **Gripping:** Position the jaws around the object to be gripped. Apply firm pressure to the handles to engage the laser heat-treated teeth. The right-angle teeth provide a strong bite in multiple directions.
3. **Application:** Use the pliers for tasks such as tightening or loosening nuts and bolts, gripping pipes, or holding irregular shapes. The Channellock Blue comfort grips provide a comfortable and secure hold, reducing hand fatigue during extended use.



Figure 3: Channellock 440 pliers gripping a pipe, demonstrating their versatile application.

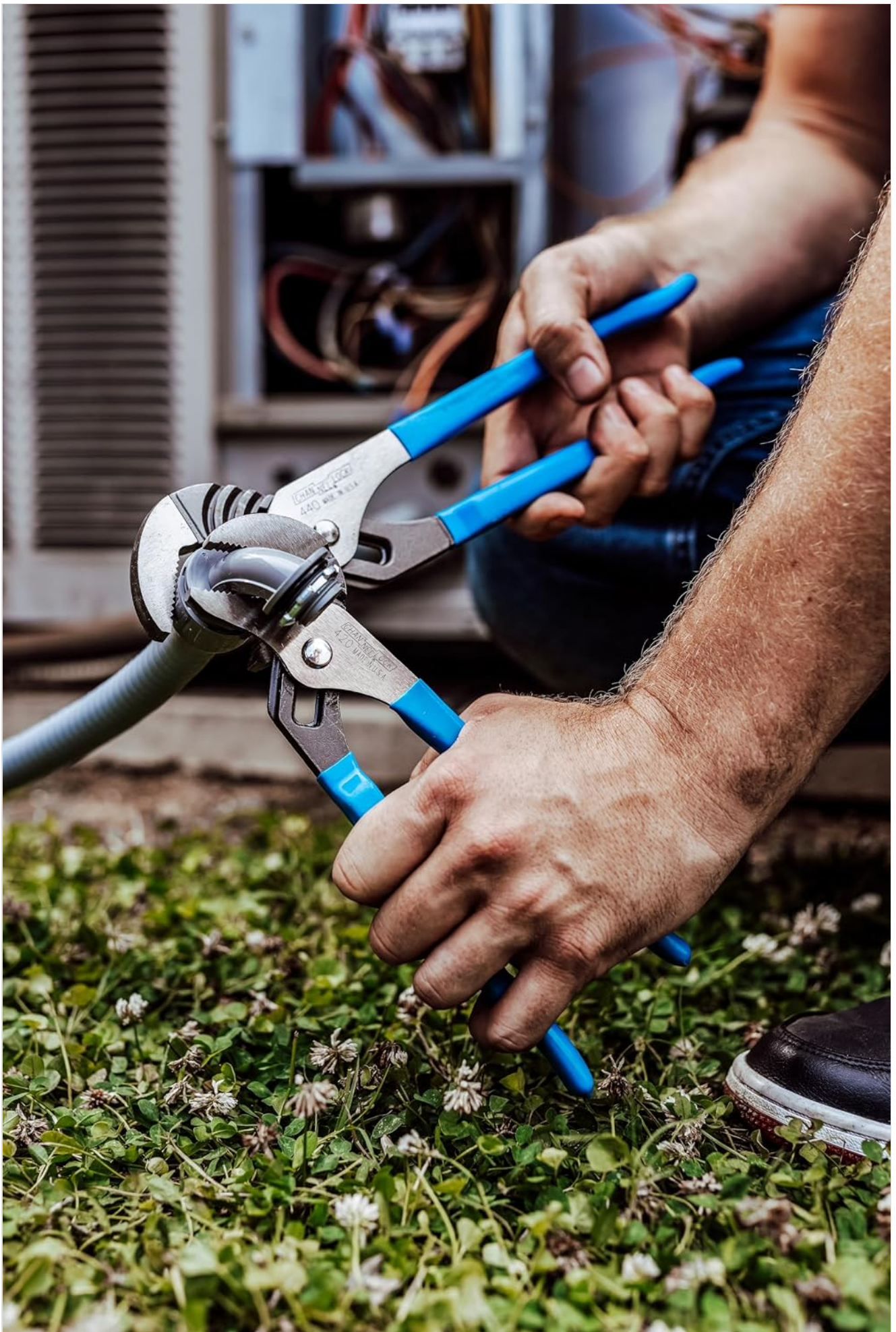


Figure 4: A person using Channellock 440 pliers outdoors, demonstrating their utility in various work environments.

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Video 2: A brief overview demonstrating the adjustable nature and comfortable grip of the Channellock 440 12-inch Straight Jaw Groove Joint Pliers.

MAINTENANCE

Proper maintenance will extend the life of your Channellock 440 pliers.

- **Cleaning:** After each use, wipe down the pliers with a clean cloth to remove dirt, grease, and moisture. For stubborn grime, use a mild degreaser.
- **Rust Prevention:** Although the pliers have an electronic coating for rust prevention, it is recommended to apply a light coat of rust-inhibiting oil to the metal surfaces, especially the pivot point and jaws, if storing in humid conditions or after exposure to moisture.
- **Storage:** Store the pliers in a dry environment, away from excessive moisture and corrosive materials.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Jaws slipping on workpiece	Incorrect jaw adjustment; Worn teeth; Excessive force applied incorrectly.	Ensure jaws are properly engaged in the undercut channels. Clean teeth if clogged. Apply force in line with the tool's design.
Rust formation	Exposure to moisture; Lack of lubrication.	Clean and dry pliers after each use. Apply rust-inhibiting oil regularly, especially in humid environments. Store in a dry place.
Stiff joint	Dirt or debris in joint; Lack of lubrication.	Clean the pivot area thoroughly. Apply a few drops of lubricating oil to the joint and work the handles until smooth.

SPECIFICATIONS

Attribute	Value
Brand	Channellock
Model Number	440
Overall Length	12 inches
Jaw Capacity	2.25 inches
Number of Adjustments	7
Material	High Carbon Steel
Handle Material	High Carbon Steel, Alloy Steel
Grip Type	Channellock Blue
Item Weight	1.3 Pounds
Color	Black, Blue, Silver

Attribute	Value
Manufacturer	Channellock
Made In	USA

WARRANTY INFORMATION

The Channellock 440 pliers come with a **Limited Lifetime Warranty**. For specific details regarding warranty coverage, claims, or service, please refer to the official Channellock website or contact their customer support directly.

CUSTOMER SUPPORT

For further assistance, technical questions, or to inquire about replacement parts, please visit the official Channellock website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's official website.