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› [Channellock](#) /

› Channellock E318 8-Inch Long Nose Plier Instruction Manual

Channellock E318

Channellock E318 8-Inch Long Nose Plier Instruction Manual

Model: E318 | Brand: Channellock

PRODUCT OVERVIEW

The CHANNELLOCK E318 8-Inch XLT Long Nose Plier with Cutter is a versatile hand tool designed for precision handling and cutting tasks. It features Xtreme Leverage Technology (XLT) to reduce the force required for cutting, making it more efficient than traditional high-leverage designs. Its streamlined form factor allows for easier handling in various applications, and the pipe grip design accommodates multiple shapes for enhanced versatility. Constructed from high-carbon C1080 steel, these pliers offer superior performance and durability, complemented by laser heat-treated cutting edges for extended life and an electronic coating for rust prevention. The iconic CHANNELLOCK BLUE handles provide a comfortable and easily identifiable grip.





Figure 1: The Channellock E318 8-Inch Long Nose Plier, showcasing its sleek design and blue handles.

KEY FEATURES

- **Xtreme Leverage Technology (XLT):** Positions the rivet closer to the cutting edge, significantly reducing the force needed for cutting.
- **Streamlined Design:** Longer, sleeker, and lighter for precise handling and reduced user fatigue.
- **Crosshatched Jaws:** Provides maximum gripping power for various materials.
- **Pipe Grip Design:** Accommodates multiple shapes, enhancing the tool's versatility.
- **High-Carbon C1080 Steel Construction:** Ensures superior performance and long-lasting durability.
- **Laser Heat-Treated Cutting Edges:** Extends the sharpness and life of the cutting edges.
- **Electronic Coating:** Offers ultimate rust prevention for prolonged tool life.
- **CHANNELLOCK BLUE Comfort Grips:** Iconic blue handles provide comfort during use and are easy to locate in a

toolbox.

- **Made in USA:** Manufactured in the United States, reflecting a tradition of quality craftsmanship.



Figure 2: Diagram illustrating the key features of the Channellock E318 pliers, including XLT, crosshatch teeth, pipe grip, laser heat-treated cutting edges, and CHANNELLOCK BLUE comfort grips.

SETUP

The Channellock E318 Long Nose Plier is ready for immediate use upon removal from its packaging. No assembly or complex setup is required. Before first use, and periodically thereafter, inspect the pliers for any signs of damage, wear, or corrosion. Ensure the jaws align properly and the pivot point moves smoothly without excessive play. A light application of general-purpose oil to the pivot point can help maintain smooth operation and prevent rust.



CHANNEL LOCK®

8IN

E318

XLT™
Long
Nose
PLIERS WITH CUTTER



205MM
PINCE À BECS LONGS
AVEC COUPE-FIL
ALICATES DE PUNTA
LARGA CON CORTADOR

BUILT STRONG.™
LIFETIME
WARRANTY



XLT™ Technology
Increases Performance,
Reduces Hand Fatigue

La technologie XLT™
accroît les performances et
réduit la fatigue des mains

Tecnología XLT™
que aumenta el
rendimiento y reduce la
fatiga de las manos

Crosshatch Teeth
for Tighter Grip

Dents à stries croisées
pour une prise plus serrée

Dientes rayados para
agarrar con más firmeza

CHANNEL LOCK
E318 MADE IN U.S.A.

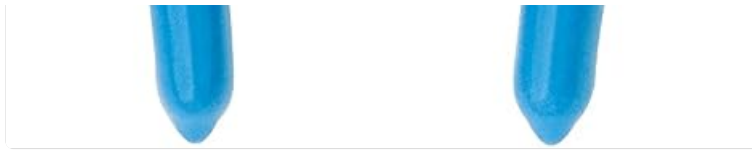


Figure 3: The Channellock E318 pliers as packaged for retail, ready for unboxing and immediate use.

OPERATING INSTRUCTIONS

The Channellock E318 Long Nose Plier is designed for a variety of tasks requiring precision gripping, bending, and cutting of wires and small components. Always wear appropriate personal protective equipment, such as safety glasses, when using hand tools.

General Use:

- **Gripping and Bending:** Use the long, tapered jaws to reach into confined spaces, grip small objects, or bend wires. The crosshatched jaw pattern provides a secure hold.
- **Cutting:** The integrated cutter near the pivot point is suitable for cutting various types of wire. Position the wire firmly within the cutting edges and apply steady pressure to the handles.
- **Pipe Grip:** The curved section of the jaws is designed to grip rounded objects like small pipes or nuts securely.



Figure 4: A user demonstrating the precision gripping capability of the Channellock E318 pliers on a small component.



Figure 5: The Channellock E318 pliers being used to manipulate electrical wires, highlighting its utility in wiring tasks.



Figure 6: A close-up view of the Channellock E318 pliers engaging with wires, demonstrating its cutting and gripping features.

MAINTENANCE

Proper maintenance will extend the life and performance of your Channellock E318 pliers.

- **Cleaning:** After each use, wipe down the pliers with a clean, dry cloth to remove dirt, grease, and debris. For stubborn grime, use a mild solvent and ensure the tool is thoroughly dried afterward.
- **Lubrication:** Periodically apply a few drops of light machine oil to the pivot joint to ensure smooth operation and prevent rust. Work the handles back and forth to distribute the oil.
- **Storage:** Store the pliers in a dry environment to prevent corrosion. A tool roll or box is recommended to protect the cutting edges and jaw tips from damage.
- **Inspection:** Regularly inspect the cutting edges for nicks or dullness. While Channellock pliers are designed for durability, extreme misuse can cause damage.

TROUBLESHOOTING

Channellock E318 pliers are robust tools, but minor issues can sometimes arise.

- **Stiff Joint:** If the pliers feel stiff or difficult to open/close, apply a penetrating oil or light machine oil to the pivot joint. Work the handles repeatedly to help the oil penetrate and loosen any accumulated grime or rust.
- **Dull Cutting Edges:** Over time, cutting edges may dull, especially with frequent use on harder materials. While professional sharpening is an option, for most users, replacement is often more practical given the tool's design. Avoid using the cutters on hardened steel or excessively thick materials beyond their capacity.
- **Rust or Corrosion:** Despite the electronic coating, prolonged exposure to moisture can lead to rust. Clean any rust spots with a wire brush or fine abrasive, then apply a rust-inhibiting oil. Ensure proper storage in a dry place to prevent recurrence.

SPECIFICATIONS

Specification	Value
Model Number	E318
Overall Length	7.81 inches
Jaw Length	2.96 inches
Joint Thickness	0.39-inch
Handle Span	2.14 inches
Nose Width/Thickness	0.13-inch
Cutting Edge	0.46-inch
Item Weight	7.04 ounces (0.4 pounds)
Material	High Carbon C1080 Steel
Handle Material	Stainless, High-carbon, Steel (with CHANNELLOCK BLUE grips)
Color	Blue, Stainless

Specification	Value
Manufacturing Origin	Made in USA
UPC	025582829733, 025582828019

Warranty and Support

Channellock tools are known for their quality and durability. The E318 Long Nose Plier comes with a **Limited Lifetime Warranty**. For specific details regarding warranty claims, product support, or to inquire about repairs, please refer to the official Channellock website or contact their customer service directly.

You can visit the official Channellock store for more information: [Channellock Store](#)

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Question

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Details

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

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