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- › [Arrow Fastener](#) /
- › [ARROW 3PCS Pliers Set Instruction Manual](#)

Arrow Fastener 8" Needle Nose/7" Diagonal/8" Linesman

ARROW 3PCS Pliers Set Instruction Manual

Model: 8" Needle Nose/7" Diagonal/8" Linesman

Brand: Arrow Fastener

1. INTRODUCTION

Thank you for choosing the ARROW 3PCS Pliers Set. This manual provides essential information for the safe and effective use, maintenance, and care of your new pliers set. Please read this manual thoroughly before first use and keep it for future reference.



The ARROW 3PCS Pliers Set includes an 8" Needle Nose Pliers, 7" Diagonal Pliers, and 8" Linesman Pliers, designed for various tasks.

2. PRODUCT COMPONENTS & KEY FEATURES

This set includes three essential pliers, each designed for specific tasks and featuring high-quality construction:

- **8" Needle Nose Pliers:** Ideal for precision work, reaching into tight spaces, bending wires, and holding small objects.
- **7" Diagonal Pliers:** Designed for cutting copper and aluminum wires with ease.
- **8" Linesman Pliers:** Suitable for tougher materials like steel wire, gripping, bending, and cutting.

Key Features:

- **Premium Carbon Steel:** Crafted from high-quality carbon steel for exceptional strength and durability. Cutting edges are hardened to HRC63–65 for sharp, precise cuts.
- **High Leverage Design:** Features an eccentric joint structure that reduces cutting effort by up to 20% compared to standard pliers, making wire and steel cutting smoother and more efficient.
- **Reinforced D-Type Head:** Thickened D-shaped head enhances structural strength, reducing the risk of breakage or deformation and extending service life.
- **Dip-Grip Handle:** Dipped handles provide superior grip, comfort, and slip resistance, ideal for prolonged use without hand fatigue.

ARROW

SINCE
1929

HARDENED CUTTING EDGES

For sharp & clean cuts

REINFORCED JAWS

Thicker, Stronger, Built to Last

HIGH CARBON STEEL

For durability and strength

HIGH LEVERAGE DESIGN

Saves 20% cutting force



Long Nose Pliers



Diagonal Pliers



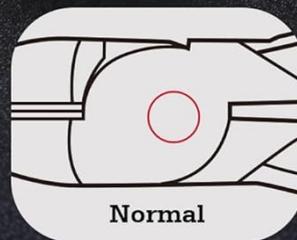
Linesman Pliers

Detailed view of the pliers' construction, emphasizing hardened cutting edges, high carbon steel, high leverage design, and reinforced jaws.



20%
LABOR SAVING

**Eccentric labor-saving design,
easy to operate.**



Normal



High Leverage

ARROW

SINCE
1929

The eccentric joint structure provides a high leverage design, reducing the effort required for cutting.

3. SAFETY GUIDELINES

Always follow these safety precautions when using hand tools:

- Always wear appropriate personal protective equipment (PPE), such as safety glasses, to protect against flying debris.
- Ensure the tool is suitable for the task at hand. Do not use pliers for purposes they are not designed for (e.g., hammering).
- Inspect pliers before each use for any signs of damage, wear, or loose components. Do not use damaged tools.
- Keep hands and fingers clear of the jaws and cutting edges during operation.
- Do not apply excessive force that could damage the tool or the workpiece.
- Keep tools clean and dry to prevent rust and maintain grip.
- Store tools safely out of reach of children.

4. SETUP & FIRST USE

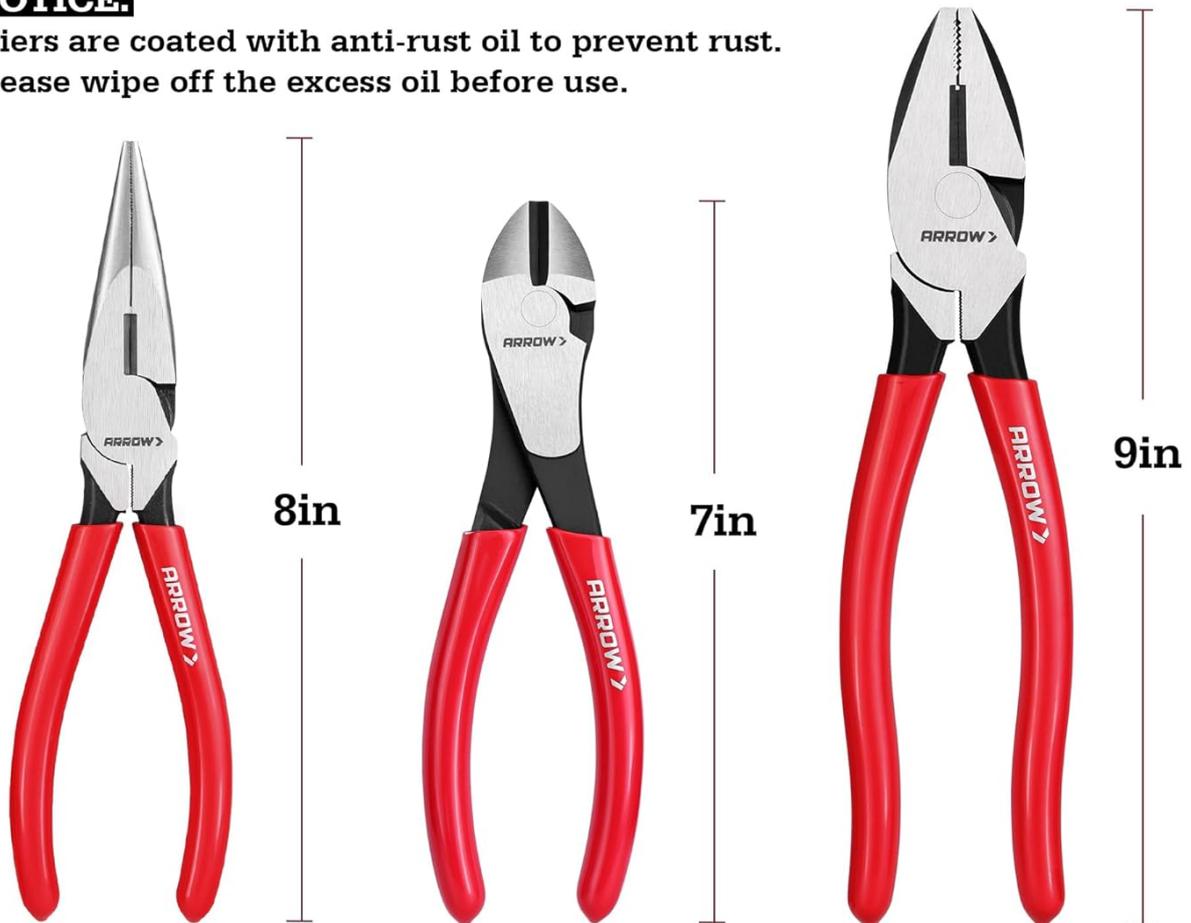
Upon receiving your new pliers set, please follow these steps:

1. **Unpack:** Carefully remove all pliers from their packaging.
2. **Inspect:** Check each plier for any visible damage or manufacturing defects.
3. **Clean:** Pliers are coated with anti-rust oil to prevent rust during storage and transit. Please wipe off the excess oil with a clean, dry cloth before first use.

PRODUCT SIZE

NOTICE:

Pliers are coated with anti-rust oil to prevent rust.
Please wipe off the excess oil before use.



ARROW >

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Wipe off the anti-rust oil before using the pliers for the first time.

5. OPERATING INSTRUCTIONS

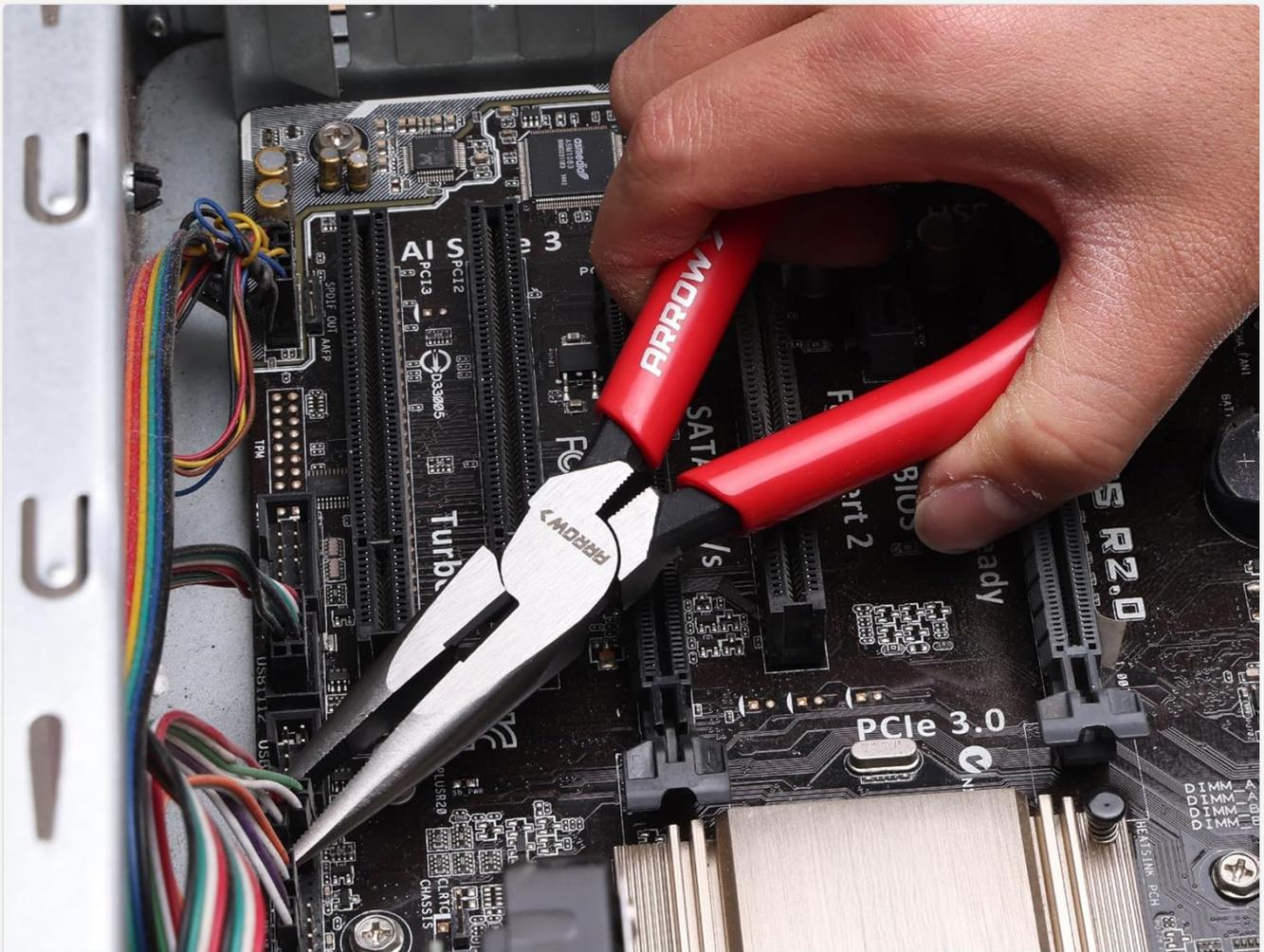
Each plier in the set is designed for specific applications. Use the appropriate tool for the job to ensure efficiency and prevent damage to the tool or workpiece.

5.1. 8" Needle Nose Pliers

These pliers are characterized by their long, tapered jaws, making them ideal for:

- Reaching into confined or tight spaces.
- Bending and shaping small wires.
- Holding small components securely.
- Precision tasks in electronics or intricate assemblies.

Max cutting capacity: 1.6mm steel wire.



8" LONG NOSE PLIERS

Precision work in limited or hard-to-reach space

Max cutting capacity: **1.6mm** steel wire

The 8" Long Nose Pliers are excellent for precision work in limited or hard-to-reach spaces.

5.2. 7" Diagonal Pliers

Also known as side cutters, these pliers are specifically designed for cutting applications:

- Cutting copper wires.
- Cutting aluminum wires.
- General wire cutting tasks where a flush cut is desired.

Max cutting capacity: 2mm steel wire.

MAX CUTTING CAPACITY:
2mm STEEL WIRE



7" DIAGONAL PLIERS

High cutting performance mainly for cutting metal wires or copper wires



The 7" Diagonal Pliers provide high cutting performance for metal and copper wires.

5.3. 8" Linesman Pliers

These heavy-duty pliers are versatile and commonly used by electricians and tradesmen for:

- Gripping and twisting wires.
- Cutting tougher materials like steel wire.
- Pulling and bending various materials.

Max cutting capacity: 2.3mm steel wire.



8" LINESMAN PLIERS

The 8" Linesman Pliers are suitable for a wide range of tasks, including cutting and gripping tougher materials.

6. CARE & MAINTENANCE

Proper care and maintenance will extend the life of your ARROW pliers set:

- **Cleaning:** After each use, wipe down the pliers with a clean, dry cloth to remove dirt, grease, and moisture.
- **Lubrication:** Periodically apply a light coat of machine oil to the pivot points and cutting edges 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 them from damage and keep them organized.
- **Edge Care:** Avoid using pliers to cut hardened steel or materials beyond their specified capacity, as this can dull or chip the cutting edges.

7. TROUBLESHOOTING

If you encounter issues with your pliers, consider the following:

- **Stiffness in Joint:** If the pliers feel stiff, apply a few drops of lubricating oil to the pivot joint and work the handles back and forth until movement is smooth.
- **Rust Formation:** Rust can occur if pliers are stored in damp conditions or not properly cleaned. Remove light rust with fine steel wool and apply a rust-inhibiting oil. Ensure proper storage going forward.
- **Dull Cutting Edges:** Cutting edges can become dull over time with heavy use or if used on materials beyond their capacity. While professional sharpening is an option, for severe dullness or chipping, replacement may be necessary.
- **Damaged Handles:** If the dip-grip handles become damaged or loose, discontinue use to ensure safe operation and prevent hand fatigue.

8. TECHNICAL SPECIFICATIONS

Attribute	Detail
Product Name	ARROW 3PCS Pliers Set
Model Configuration	8" Needle Nose/7" Diagonal/8" Linesman
Material	Premium Carbon Steel (Pliers), Plastic (Handle)
Cutting Edge Hardness	HRC63–65
Item Weight	2.49 pounds
Package Dimensions	10 x 2.5 x 2.1 inches
Color	Red
Grip Type	Ergonomic Dip-Grip
Manufacturer	Hangzhou Great Star Industrial Co.,.LTD
UPC	079055030133

9. WARRANTY & SUPPORT

For warranty information and customer support, please refer to the official Arrow Fastener website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

You can visit the official Arrow Fastener store on Amazon for more information: [Arrow Fastener Store](#)

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This manual is for informational purposes only. Specifications are subject to change without notice.