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› Blue Point Locking Pliers & Adjustable Wrench Set BPS6 User Manual

Blue Point BPS6

Blue Point Locking Pliers & Adjustable Wrench Set BPS6 User Manual

Model: BPS6 | Brand: Blue Point

PRODUCT OVERVIEW

The Blue Point BPS6 Locking Pliers & Adjustable Wrench Set is a comprehensive collection of essential hand tools designed for a wide range of mechanical and general repair tasks. This set includes two types of locking pliers and two sizes of adjustable wrenches, all crafted from durable alloy steel for maximum performance and longevity.

The set features:

- **7" Straight Jaw Locking Pliers:** Ideal for maximum contact on flat, square, or hex workpieces.
- **7" Curved Jaw Locking Pliers with Cutter:** Provides versatile gripping power on various shapes, including pipes and rounded fasteners, with an integrated wire cutter.
- **8" Adjustable Wrench:** A versatile tool for tightening and loosening fasteners of various sizes.
- **10" Adjustable Wrench:** Offers extended reach and leverage for larger fasteners.

Each tool is engineered for precision and durability, making this set suitable for both professional and home use.



Figure 1: The Blue Point BPS6 Locking Pliers & Adjustable Wrench Set, showcasing all four tools neatly arranged in their storage tray.

PRODUCT COMPONENTS

This section details each tool included in your Blue Point BPS6 set, highlighting their features and typical applications.

7" Straight Jaw Locking Pliers



Figure 2: The 7-inch Straight Jaw Locking Pliers, designed for secure gripping of flat, square, or hex materials. These pliers are engineered to provide maximum contact on flat, square, or hex workpieces. The hardened teeth are designed to grip from any angle, ensuring a secure hold. The adjusting screw allows for precise pressure control, and the guarded release trigger protects against accidental release.

- **Jaw Type:** Straight
- **Grip:** Maximum contact on flat, square, or hex shapes.
- **Features:** Hardened teeth, adjusting screw for pressure, guarded release trigger.

7" Curved Jaw Locking Pliers with Cutter



Figure 3: The 7-inch Curved Jaw Locking Pliers, featuring an integrated wire cutter for added utility.

These versatile pliers feature curved jaws for gripping round, flat, square, or hex materials. The integrated cutter allows for convenient wire cutting. Like the straight jaw pliers, they include hardened teeth for superior grip, an adjusting screw for precise pressure, and a guarded release trigger for safety.

- **Jaw Type:** Curved with integrated cutter.
- **Grip:** Versatile grip on various shapes.
- **Features:** Hardened teeth, adjusting screw, guarded release trigger, wire cutter.

8" Adjustable Wrench



Figure 4: The 8-inch Adjustable Wrench, featuring a wide-open jaw design and laser-etched SAE scale.

This 8-inch adjustable wrench is designed for durability and ease of use. It features a wide-open jaw design for increased capacity and a polished head. An SAE scale is laser-etched on the head face for quick and accurate adjustments. The wrench has a durable black phosphate finish and is constructed from heat-treated steel alloy.

- **Size:** 8 inches (approx. 200mm).
- **Jaw Design:** Wide-open jaw.
- **Features:** Polished head, laser-etched SAE scale, durable black phosphate finish.

10" Adjustable Wrench



Figure 5: The 10-inch Adjustable Wrench, providing greater leverage for larger fasteners.

Similar to the 8-inch model, the 10-inch adjustable wrench offers increased leverage and jaw capacity for larger applications. It also features a wide-open jaw design, a polished head, and a laser-etched SAE scale for precise adjustments. Its heat-treated steel alloy construction and black phosphate finish ensure long-lasting durability.

- **Size:** 10 inches (approx. 250mm).
- **Jaw Design:** Wide-open jaw.
- **Features:** Polished head, laser-etched SAE scale, durable black phosphate finish.

SETUP AND INITIAL INSPECTION

Before using your Blue Point tool set, perform a quick inspection to ensure optimal performance and safety.

1. **Unpacking:** Carefully remove all tools from their packaging and storage tray. Retain the tray for organized storage.
2. **Visual Inspection:** Examine each tool for any signs of damage, such as cracks, bends, or excessive wear. Ensure all moving parts operate smoothly.
3. **Cleanliness:** Wipe down tools with a clean, dry cloth to remove any manufacturing residues or protective coatings.
4. **Familiarization:** Take a moment to familiarize yourself with the adjusting mechanisms of both the locking pliers and adjustable wrenches.

Do not use any tool that appears damaged or defective. Contact customer support if you encounter any issues.

OPERATING INSTRUCTIONS

Using Locking Pliers

1. **Adjusting Jaw Opening:** Turn the adjusting screw at the end of the handle clockwise to narrow the jaw opening and counter-clockwise to widen it. Adjust until the jaws are slightly wider than the workpiece.
2. **Gripping the Workpiece:** Position the jaws around the workpiece. Squeeze the handles together firmly. The pliers will lock into place with a distinct click.
3. **Adjusting Grip Pressure:** If the grip is too loose or too tight, release the pliers, adjust the screw slightly, and re-engage. The adjusting screw provides exacting pressure for various tasks.
4. **Releasing the Pliers:** To release, push the guarded release trigger located between the handles. This mechanism protects against accidental release.
5. **Using the Cutter (Curved Jaw Pliers):** For the 7" Curved Jaw Locking Pliers with Cutter, position the wire or material to be cut within the integrated cutter near the pivot point of the jaws before locking the pliers.

Safety Note: Always ensure the pliers are securely locked before applying significant force. Avoid over-tightening, which can damage the workpiece or the tool.

Using Adjustable Wrenches

1. **Adjusting Jaw Opening:** Rotate the knurled worm gear with your thumb to adjust the movable jaw. Open the jaws slightly wider than the fastener you intend to grip.
2. **Fitting to Fastener:** Place the wrench jaws onto the fastener, then tighten the worm gear until the jaws fit snugly around the fastener with no play. Ensure the fixed jaw is on the side where the turning force will be applied (typically pulling towards the user).
3. **Applying Force:** Apply steady, even pressure to the handle. Avoid using the wrench as a hammer or extending the handle with a pipe, as this can damage the tool or fastener.
4. **Reading the Scale:** The laser-etched SAE scale on the head face can assist in pre-setting the jaw opening for common fastener sizes.

Safety Note: Always pull the wrench towards you rather than pushing, to reduce the risk of slipping and injury. Ensure the jaws are fully engaged with the fastener to prevent rounding off corners.

MAINTENANCE AND CARE

Proper maintenance will extend the life and performance of your Blue Point tools.

- **Cleaning:** After each use, wipe down tools with a clean, dry cloth to remove dirt, grease, and moisture. For stubborn grime, use a mild degreaser and then wipe dry.
- **Lubrication:** Periodically apply a light coat of machine oil to the pivot points and adjusting mechanisms of both the pliers and wrenches. This ensures smooth operation and prevents rust.
- **Storage:** Store tools in a dry environment to prevent corrosion. The included storage tray is ideal for keeping the set organized and protected from damage. Avoid storing in damp or humid conditions.
- **Inspection:** Regularly inspect tools for wear, damage, or loose components. Replace or repair damaged tools immediately. Do not attempt to modify the tools.

TROUBLESHOOTING

This section addresses common issues you might encounter with your tools.

Problem	Possible Cause	Solution
Locking Pliers won't lock or hold grip.	Adjusting screw set too loose; jaws are worn; workpiece is too small/large.	Tighten the adjusting screw. Ensure workpiece is within tool's capacity. Inspect jaws for damage.
Locking Pliers are difficult to release.	Over-tightened; mechanism is dirty or rusty.	Do not over-tighten. Clean and lubricate the release mechanism.
Adjustable Wrench jaws slip on fastener.	Jaws not tightened sufficiently; jaws are worn; incorrect wrench size for fastener.	Ensure jaws are snug on fastener. Use correct wrench size. Inspect jaws for wear.
Tools feel stiff or rusty.	Lack of lubrication; exposure to moisture.	Clean tools thoroughly and apply a light machine oil to all moving parts. Store in a dry place.

If problems persist after attempting these solutions, contact Blue Point customer support for further assistance.

SPECIFICATIONS

Attribute	Detail
Brand	Blue Point
Model Number	BPS6
Material	Alloy Steel
Included Components	7" Straight Jaw Locking Pliers, 10" Adjustable Wrench, 7" Curved Jaw Locking Pliers with Cutter, 8" Adjustable Wrench
Color	Blue (for tray), Black/Silver (for tools)
Item Weight	3.37 pounds (approx. 1530 Grams)
Product Dimensions	7"L x 7"W (packaging/tray dimensions)
Manufacturer	Snapon
UPC	748521982169

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For customer support, please refer to the contact information provided with your purchase or visit the official Blue Point website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

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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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