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› Fiskars 18-Inch PowerGear2 Bypass Loppers Instruction Manual

Fiskars 394751-1002

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Model: 394751-1002

UPC: 046561294755

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the Fiskars 18-Inch PowerGear2 Bypass Loppers. This tool is designed for efficient and powerful tree trimming, making large cutting tasks easier. Featuring fully-hardened steel blades and PowerGear2 technology, these loppers provide enhanced leverage for cutting branches up to 1.5 inches in diameter. The non-stick blade coating ensures smoother cuts and improved rust resistance, while the ergonomic Softgrip handles offer comfort and control.



Figure 1: Fiskars 18-Inch PowerGear2 Bypass Loppers

2. SAFETY INFORMATION

Always prioritize safety when using any cutting tool. Failure to follow these safety guidelines may result in injury.

- **Wear Eye Protection:** Always wear safety glasses or goggles to protect your eyes from flying debris.
- **Wear Gloves:** Use sturdy work gloves to protect your hands from cuts and splinters.
- **Keep Hands Clear:** Ensure hands and other body parts are clear of the blades when cutting.
- **Inspect Before Use:** Before each use, check the loppers for any damage, loose parts, or dull blades. Do not use if damaged.
- **Proper Stance:** Maintain a stable and balanced stance while operating the loppers.
- **Cut Within Capacity:** Do not attempt to cut branches thicker than the stated 1.5-inch capacity. For larger branches, use a saw.
- **Store Safely:** Store loppers in a dry, secure place out of reach of children and pets.

3. PRODUCT FEATURES

The Fiskars 18-Inch PowerGear2 Bypass Loppers are engineered with several features to enhance your pruning experience:

- **PowerGear2 Technology:** Multiplies leverage to maximize branch-cutting power, making cuts up to 3x easier than traditional designs.
- **Bypass Steel Blade:** Fully hardened, precision-ground steel blade stays sharp longer and is ideal for cutting green, living growth.
- **Non-Stick Blade Coating:** Low-friction coating resists rust and improves performance, resulting in smoother cuts with less gumming.
- **1.5-Inch Cut Capacity:** Effectively cuts branches up to 1.5 inches in diameter.
- **SoftGrip Handles:** Rounded, ergonomic handles with Softgrip enhance comfort and control, reducing hand fatigue.



Figure 2: PowerGear2 technology multiplies leverage for easier cuts.



Figure 3: Patented gear technology provides rugged yet lightweight power.

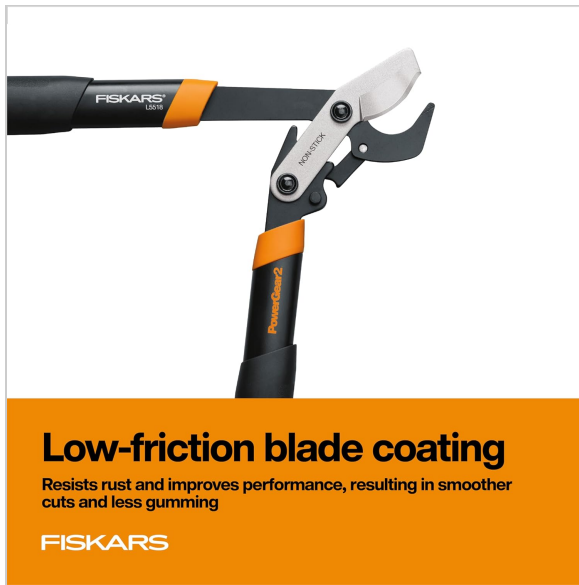


Figure 4: Low-friction blade coating for smoother cuts and rust resistance.



Figure 5: Rounded ergonomic handles with SoftGrip for comfort.

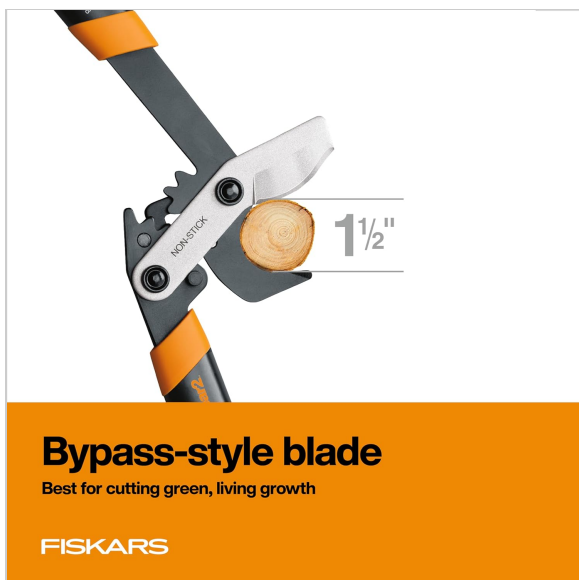


Figure 6: Bypass-style blade for clean cuts on living growth.



Figure 7: Overview of PowerGear2 Lopper key features.

4. SETUP

The Fiskars 18-Inch PowerGear2 Bypass Loppers come pre-assembled and ready for use. No complex setup is required.

1. **Unpack:** Carefully remove the loppers from their packaging.
2. **Inspect:** Before first use, inspect the blades and handles for any signs of damage from shipping. Ensure the blades open and close smoothly.
3. **Clean:** Wipe down the blades with a clean cloth to remove any protective oils or debris.

5. OPERATING INSTRUCTIONS

Follow these steps for effective and safe operation of your Fiskars PowerGear2 Bypass Loppers:

1. **Identify Target Branch:** Select the branch you wish to cut, ensuring it is within the 1.5-inch diameter capacity.
2. **Position Loppers:** Open the lopper handles wide enough to comfortably fit the branch between the bypass blades. Position the branch as deep into the jaws as possible for maximum leverage.
3. **Apply Pressure:** Firmly grasp both handles and apply steady, even pressure to close the blades. The PowerGear2 mechanism will assist in multiplying your cutting force.
4. **Complete the Cut:** Continue closing the handles until the branch is completely severed. The bypass action ensures a clean cut, which is healthier for the plant.
5. **Repeat as Needed:** Continue pruning, always observing safety precautions and the tool's capacity.

Demonstration Videos

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Video 1: Fiskars Loppers Overview. This video provides a general overview of the loppers and their capabilities.

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Video 2: Demo Fiskars PowerGear Lopper 18 inch. Watch a demonstration of the 18-inch PowerGear lopper in action.

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Video 3: Fiskars PowerGear 3 cutting full demo. A comprehensive demonstration of the cutting power of Fiskars PowerGear loppers.

6. MAINTENANCE

Proper maintenance will extend the life and performance of your loppers:

- **Clean Blades:** After each use, clean the blades to remove sap, dirt, and debris. A damp cloth is usually sufficient. For stubborn sap, use a specialized tool cleaner or rubbing alcohol.
- **Dry Thoroughly:** Ensure blades are completely dry before storage to prevent rust. The non-stick coating helps, but thorough drying is still recommended.
- **Lubricate:** Periodically apply a light coat of oil to the pivot points and blades to maintain smooth operation and prevent rust.
- **Sharpening:** While the fully hardened blades stay sharp longer, they may eventually require sharpening. Use a fine-grit sharpening tool designed for garden shears, following the original blade angle.
- **Storage:** Store loppers in a dry, protected area. Consider using a blade cover to protect the cutting edge and for safety.

7. TROUBLESHOOTING

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

- **Difficulty Cutting:** If cutting becomes difficult, ensure the branch is within the 1.5-inch capacity. Clean the blades of any sap or debris. If the problem persists, the blades may need sharpening.
- **Blades Sticking:** Clean and lubricate the blades and pivot points. The non-stick coating should minimize sticking, but sap can still build up.
- **Loose Handles:** Check all screws and bolts for tightness. Tighten if necessary. Do not overtighten.

8. SPECIFICATIONS

Specification	Detail
Brand	Fiskars
Model Number	394751-1002
Item Weight	2.25 pounds
Product Dimensions	6.25"L x 1.13"W
Style	18 in
Blade Material	Alloy Steel
Handle Material	Alloy Steel
Blade Type	Bypass
Cutting Capacity	1.5 inches
Hand Orientation	Ambidextrous



Figure 8: Product dimensions of the Fiskars 18-Inch PowerGear2 Loppers.

9. WARRANTY AND SUPPORT

Fiskars tools are designed for longevity and guaranteed to maintain exceptional performance season after season. This product includes a Lifetime Warranty.

- **Lifetime Warranty:** For detailed information regarding the Lifetime Warranty, please visit the official Fiskars website.
- **Online Support:** Visit [Fiskars.com/USWarranty](https://www.fiskars.com/USWarranty) for warranty details and additional product support.



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Figure 9: Fiskars Lifetime Warranty details.