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FELCO F7

FELCO F7 Pruning Shears

INSTRUCTION MANUAL - MODEL F7 LARGE ROTATING HANDLE RIGHT

Brand: FELCO

Introduction

The FELCO F7 Pruning Shears are Swiss-made, high-performance garden clippers designed for efficient and comfortable pruning. Featuring a unique rotating handle, these shears are particularly suited for users with larger hands and for heavy-duty, intensive pruning tasks, aiming to reduce fatigue and maximize cutting power. The precision bypass blade ensures clean and accurate cuts on various plant materials.

Key Features

- **Rotating Handle:** The revolving handle allows fingers to move naturally, significantly reducing effort and hand fatigue during prolonged use.
- **Precision Bypass Blade:** Provides clean and precise cuts for twigs and plant parts up to 25 mm (1.0 inch) in diameter.
- **Durable Construction:** Sturdy handles crafted from forged aluminum, with the blade and screw-mounted anvil blade made from high-quality hardened steel.
- **Ergonomic Design:** Optimized for hand and wrist protection, enhancing comfort during continuous pruning.
- **Replaceable Parts:** Key components, including the blade, are replaceable, extending the tool's lifespan.
- **Wire Cutting Notch & Sap Groove:** Integrated features for added utility and cleaner operation.

Setup

Upon receiving your FELCO F7 Pruning Shears, ensure all components are securely fastened. The shears come pre-assembled and ready for use. Familiarize yourself with the locking mechanism and the rotating handle action before beginning any pruning tasks.



Figure 1: FELCO F7 Pruning Shears as received in packaging.

Operating Instructions

1. **Unlock the Shears:** Push the locking mechanism to release the blades. The rotating handle will allow your fingers to move naturally as you open and close the shears.
2. **Positioning for Cut:** Place the branch or stem to be cut as deep as possible into the jaws of the blade, close to the pivot point. This maximizes leverage and ensures a clean cut.
3. **Making the Cut:** Apply firm, steady pressure to the handles. The bypass action ensures a clean cut without crushing the plant tissue. The rotating handle will move with your fingers, reducing strain.
4. **Cutting Capacity:** The F7 is designed for cutting tasks involving twigs and plants with a diameter not larger than 2.5 cm (1.0 inch). Do not attempt to cut branches exceeding this capacity to avoid damaging the tool or the plant.
5. **Safety:** Always wear appropriate hand protection (gloves) when pruning. Keep fingers clear of the blades. Lock the shears when not in use.



Figure 2: Proper technique for using FELCO F7 Pruning Shears to cut a branch.



Figure 3: Wearing appropriate hand protection while using the shears.

Maintenance

- **Cleaning:** After each use, clean the blades to remove sap and debris. A sap groove is integrated to help prevent sap buildup. Use a cloth dampened with alcohol or a specialized cleaning solution.
- **Lubrication:** Periodically apply a light oil to the pivot point and spring to ensure smooth operation and

prevent rust.

- **Sharpening:** The hardened steel blade can be sharpened. Use a sharpening stone or file designed for pruning shears. Maintain the original bevel angle of the blade.
- **Blade Tension Adjustment:** The F7 includes an adjustment key (Figure 4) to fine-tune the blade tension and alignment. This ensures a precise cut over time. Refer to the diagram for proper adjustment points.
- **Part Replacement:** All moving parts, including the blade and spring, are replaceable. Contact FELCO support or an authorized dealer for genuine replacement parts.

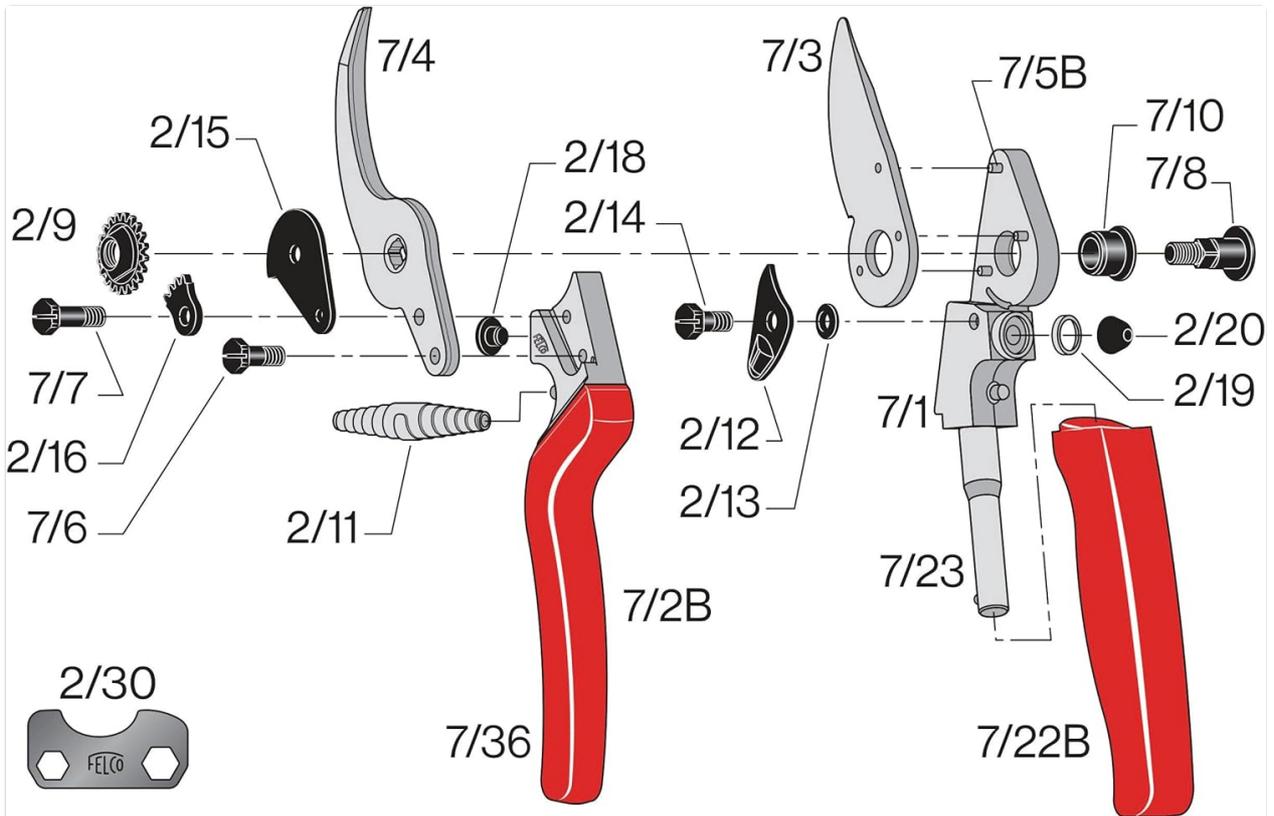


Figure 4: Exploded view of FELCO F7 components, useful for maintenance and part replacement.

Troubleshooting

- **Blades not cutting cleanly:** This usually indicates dull blades or incorrect blade tension. Sharpen the blades or adjust the blade tension using the provided key.
- **Handles sticking or stiff:** Clean the pivot area thoroughly to remove sap and debris, then lubricate with a light oil.
- **Spring not returning properly:** Check for debris obstructing the spring. Clean and lubricate the spring. If damaged, replace the spring.

Specifications

Feature	Specification
Brand	FELCO
Model	F7
Style	F7 Large Rotating Handle

Hand Orientation	Right
Blade Type	Bypass
Blade Material	Hardened Steel
Handle Material	Forged Aluminum
Cutting Width (Max)	25 mm (1.0 inch)
Item Weight	5 ounces
Product Dimensions	26"L x 16"W (Note: This dimension seems unusually large for hand pruners and may refer to packaging or a different product. Please verify with product packaging.)

Visual Aids

Product Videos

Video 1: Review of the Felco Pruning Shears F7. This video provides an overview and demonstration of the F7 model's features and performance.

Video 2: A Physical Therapist Review of Felco Pruner F5 vs F6. This video discusses ergonomic considerations and differences between models, which can help users understand the F7's design benefits.

Video 3: Pruner for Large or Small Hands? F6 vs F5. This video offers insights into selecting the right pruner size for optimal comfort and efficiency, relevant for understanding the F7's 'Large' sizing.

Warranty & Support

FELCO F7 Pruning Shears come with a limited lifetime warranty, reflecting the manufacturer's commitment to quality and durability. For warranty claims, replacement parts, or technical support, please visit the official FELCO website or contact an authorized FELCO dealer. The product includes an adjustment key for blade maintenance, and all parts are designed to be replaceable.