

Lubricate

We recommend the use of Felco 980 lubricant and Felco 990 grease as follows:

(Never use olive oil or similar products)

- After cleaning the blade if you don't dismantle the tool, apply some Felco 980 lubricant to the inside of the blade near the central bolt and operate the secateurs several times to ensure the lubricant penetrates into the central bolt area.
- Lubricate the coils of the spring with Felco 980, also followed by a repeated action of the tool.
- When dismantling the secateurs apply Felco 990 grease to the contact surfaces between the blade and anvil blade, on the central bolt as well as in the grease trap provided in the inside face of the anvil blade.

If my secateurs still doesn't cut cleanly?

Some worn parts may need to be replaced. You can do it yourself by buying the spare parts or contact Felco to get the address of your nearest approved service centre.

Hardening (burnishing) your blade with Felco 903

The Felco 903 diamond coated sharpening tool allows you to do one more operation.

Use the edge of the tool and run it at a 60° angle putting a 5-10 kg pressure along the cutting edge of the blade to strengthen it through compression. (burnishing).

Your blade will stay sharp longer.

Do not forget to remove the burr on the other side of the blade after this operation.



Burnishing with Felco 903

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Tools for life

Maintenance tips for Felco hand secateurs



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Clean

Cleaning removes dirt and sap build-up, preventing hardened particles from wedging between blade and anvil-blade.

- **Thorough cleaning :**

dismantle secateurs, clean, dry and grease all steel parts

- **Quick Cleaning:**

Clean the blade using a scouring pad, dry cloth or a metallic brush. Sap build-up can be removed with warm soapy water. Dry blades thoroughly after cleaning.

Tip: when washing, point blades downwards to prevent water seeping into the central bolt.



Sharpening with a Felco 903

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Sharpen

Why sharpen?

A sharp blade reduces the effort required to cut and causes less damage to plant tissue.

When to sharpen ?

As soon as you feel you require more effort or when you fail to cut small twigs cleanly.

What should I use to sharpen?

We recommend to use the Felco 903 diamond sharpening tool as it will allow you to sharpen perfectly without dismantling the tool.

How to sharpen?

- Open the secateurs and hold it as per photo shown.
- Sharpen the outside bevel of the blade first, holding the sharpener at a 23° angle (as per the original bevel), moving in short circular motions going from the inside to the extremity of the blade until the cutting edge is restored.
- Maintain the curve (radius) of the blade by working evenly over its whole length.
- Now turn to the inside of the blade to remove burr, holding the sharpener at a 5° angle.

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Adjust

If your newly sharpened secateurs does not cut small twigs cleanly it needs adjusting.

How do I adjust?

Although a quick adjustment is always possible in the field, it is best performed on a bench.

- Dismantle and clean the secateurs
- Lubricate the contact parts and reassemble without the spring
- Put the handles in open position and tighten the central bolt until the handles are locked
- Slowly loosen the central bolt until the handles move freely, to a point where the blade rubs against the anvil blade for the last 2/3rd of its length.
- Lock the central nut into position and refit the spring. Test by making sure that the secateurs operate smoothly and cut small twigs cleanly. Fine tune your adjustment as required.



A well adjusted tool