



BLACKWOLF

BARREL TENSIONER

INSTRUCTIONS



Product Overview

The Daystate Blackwolf Barrel Tensioner is designed to improve barrel harmonics and enhance downrange accuracy.

Available sizes:

- 17-inch barrel
- 23-inch barrel
- 28-inch barrel

Important: Select the correct tensioner to match your Blackwolf barrel length.

What Does a Barrel Tensioner Do?

Barrel harmonics play an important role in rifle accuracy. During the firing cycle, all barrels vibrate and create node and antinode points.

Adjusting the wavelength of this vibration can significantly affect accuracy because it influences how the projectile exits the barrel on its way to the target.

A barrel tensioner adds some tension on the rifle barrel, which changes the vibration frequency (or wavelength) during firing.

Many target shooters use barrel tensioning devices to improve rifle performance.

Models with Factory-Fitted Barrel Tensioners

Some Blackwolf models already include a barrel tensioner as standard.

Factory-fitted models include:

- Blackwolf Grey Laminate (Cylinder and Bottle Type)
- Blackwolf Walnut (Cylinder and Bottle Type)
- Blackwolf TAC (Tactical)

The Carbon Grey or Zero Blackwolf models do not currently come fitted with a barrel tensioner.

Fitting Instructions

Fitting the Barrel Tensioner is simple and requires no special tools.

Step 1

Unscrew the Blackwolf's outer barrel shroud (the carbon-fibre tube).

Step 2

Slide the outer barrel shroud off from the muzzle end to expose the barrel.

Step 3

Remove the end nut from the muzzle end.

Step 4

Slide the carbon-fibre barrel tensioner tube over the barrel.

Step 5

Refit the muzzle-end nut and hand-tighten it.

Recommended tightening torque:

- Hand-tight only
- Maximum 3 Nm

Step 6

Refit the outer carbon-fibre barrel shroud.

Important Warning

Do not overtighten the tensioner tube as overtightening may affect performance or cause damage.