



Correct CV Boot Band Tension



PTW® recommends the use of a quality CV Clamp banding tool whenever a new CV Clamp is being fitted to a CV Boot.

A CV Clamp banding tool ensures a professional looking job every time and most importantly ensures that an even and correct band tension can be obtained every time.

Due to the leverage obtained when using a quality banding tool it is very easy to over tighten a CV Clamp. Over tightening of a clamp will cut into a CV Boot and or cause a CV Boot to fail prematurely.

Below is a guide and some pictures demonstrating what a correctly tightened CV Clamp should look like on the PTW® STRETCH™ CV Boot and also what an over tightend clamp looks like.

A correctly tensioned clamp should be tightened until the CV Boot is just starting to be squashed out a little from either side of the clamp. The finished clamp should sit slightly below the height of the CV Boot rubber.

Refer Pic. A

An over tightened CV Clamp squashes the CV Boot well beyond an acceptable limit. It causes a considerable amount of rubber to be squashed out from beneath the clamp and under extreme circumstances can cause the boot on either side of the clamp to curl up and around the clamp. An over tightened clamp can also cut the boot, if not straight away it is likely it will cut into the boot within a short period of time once in operation. Due to the boot being under such stress and compression it is unable to flex as it would under the correct tension, due to this inability to flex the boot will tear or split on or near the edge of the CV clamp within a short period of time. Refer Pic. B

CORRECT TENSION



Pic A

INCORRECT TENSION



Pic. B

**MacGregor
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RS290 Clamp Banding Tool