

## Belt Alignment

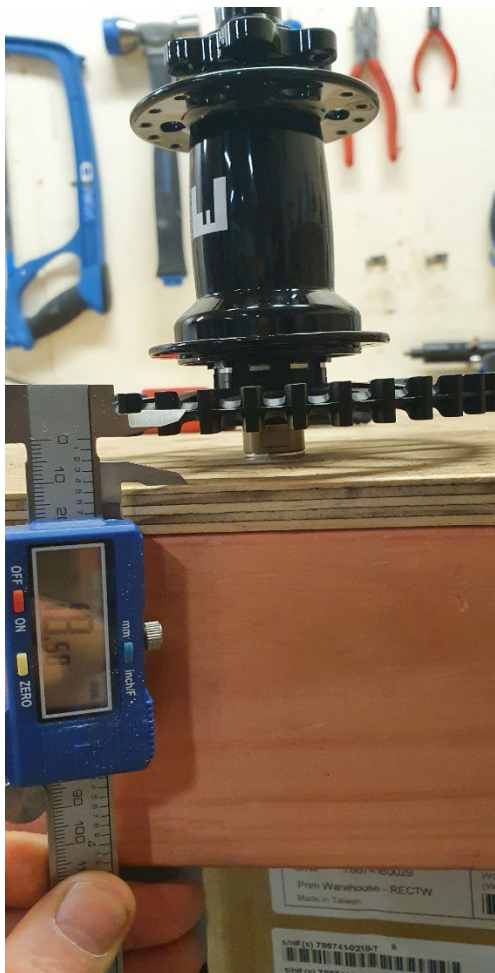
When running gates carbon drive belt it is very important to have a straight belt line.

Signs of a misaligned drive include noise, premature wear, skipping or derailment.

To achieve a perfect belt alignment on a Taniwha or a katipo the centre line of the rear belt cog needs to sit 18.5mm in from the rear end cap of the rear hub.

18.5mm is ideal but  $\pm 0.5$ mm will be ok

This can be measured off the bike by resting the end cap on a flat surface



Or it can be checked on the bike by measuring the distance between the inside of the rear belt guide and the centre line of the rear cog



If changing from chain to belt you can, most often, rearrange the existing spacers to achieve the 18.5mm spacing in some cases (depending on your hub and your spacer setup) you may need to source some narrow 1 or 1.5mm cassette spacers