

INSTALLING TRIALTECH SINGLE SIDED TENSIONER

WARNING! If you are unsure of any of the instructions outlined below, please do not attempt to ride your bike until it has been checked and certified by a qualified cycle mechanic.

1. ATTACHMENT

Remove the tensioner and mount from the packaging supplied. Apply grease or anti-seize compound to the tensioner mount bolts. Before fitting the tensioner, check the threads in the frame are clean and there are no signs of damage. Align and insert the bolts into the frame and tighten with a good quality 4mm Allen key to 4.5Nm.

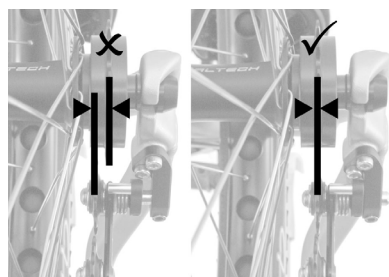
2. PREPARING FOR ALIGNMENT/PRELOAD.

Once the tensioner mount has been positioned and locked in place, use a good quality 4mm Allen key to loosen the pinch bolt for the lower cage. It is not necessary to unscrew the bolt completely but should be loose enough to allow the cage to rotate freely.



3. SETTING ALIGNMENT.

When set correctly, the guide pulleys on the lower cage should line up perfectly with the freewheel/sprocket on the rear hub as shown in the image. If the pulleys are not aligned carefully move the lower cage in or out as necessary until the correct position is achieved.



4. SETTING TENSIONER PRELOAD.

Being careful to maintain the guide pulley alignment with the freewheel/sprocket, rotate the lower cage until the stop reaches the tensioner mount. Once in position, use the 4mm Allen key to tighten the pinch bolt for the lower cage fully. Once tight, check the guide pulley and sprocket alignment is still correct and re-adjust if necessary.

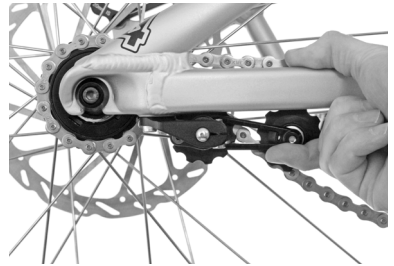
5. CHECKING TENSION.

Once the chain is fitted (see below), the tensioner cage will swing forward so it sits close to, but not touching, the frame (as shown in image 5) and should provide a strong amount of tension. If there is an excessive amount of play in the chain, a pair of links can be removed to increase tension (although this can limit ease of chain removal, see below).



CHAIN REMOVAL/FITTING.

The chain can be removed/fitted without altering the position or removing the tensioner. To remove the chain, pull the lower cage towards the frame to create slack in the chain and hold in this position. Do not force the cage beyond horizontal as this may damage the spring and cause a loss in chain tension during use.



Using your free hand, unhook the chain (towards the wheel) from the lower and then upper guide pulleys respectively allowing the chain to hang loosely once it is clear.



Remove the chain from the freewheel/ rear sprocket and allow it to rest on the inner surface (next to the spokes). Untighten the axle bolts and remove the wheel. The chain can be unhooked from the freewheel/rear sprocket and allowed to hang from the front sprocket once the hub is clear of the frame.



To fit the chain, follow the instructions above in the reverse order. Ensure that the tension is correct and the chain is engaging fully with the sprockets before using the bicycle. If in doubt, do not ride the bicycle and check with your local dealer.