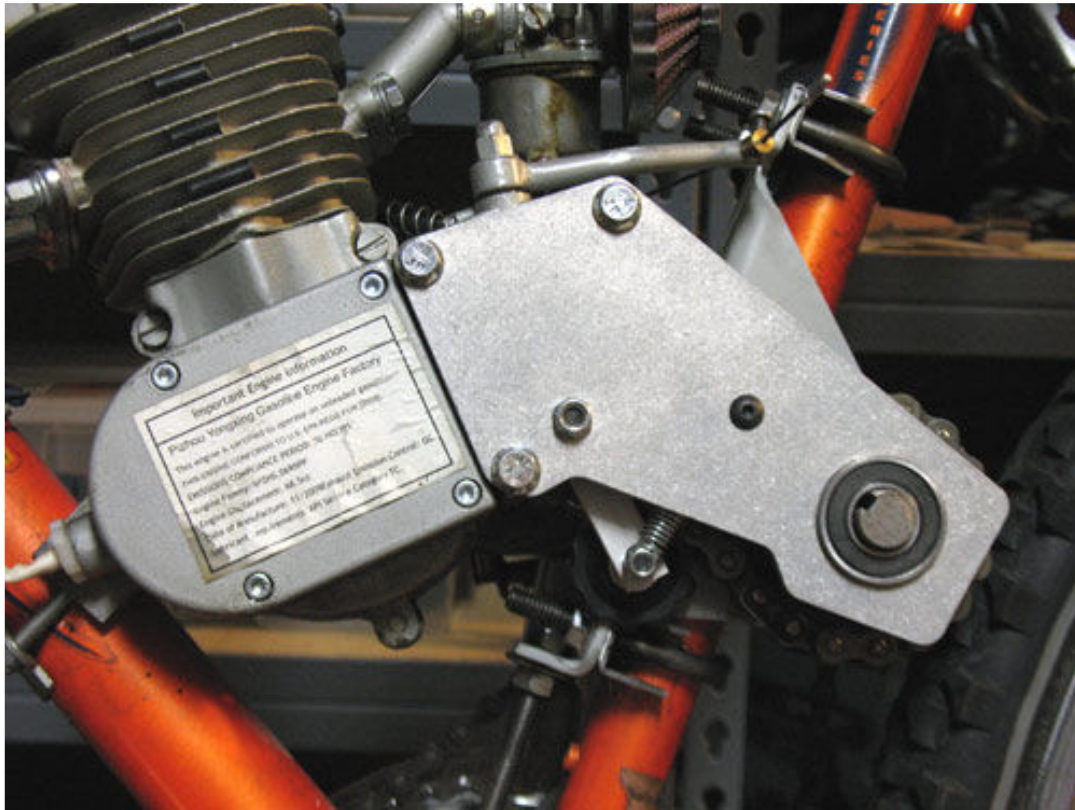


Left Side Chain Tensioner Installation Instructions



Preparation:

Ensure you have at least $\frac{3}{4}$ inches of shaft sticking out past the 17 tooth jackshaft sprocket and that the new bearing can be slid onto it. Relocate and sand the jackshaft as required for the bearing to fit. If you have to move the shaft laterally make sure you file the flat spots on the shaft to accommodate this move.

Step 1

First orient the chain tensioner plate as shown and insert the bearing so the snap ring is toward the bike, or not visible as seen in this photo.

Step 2

Remove the upper left sprocket cover bolt on the engine. Add 2 thin washers to the jackshaft up against the 17 tooth sprocket. Slide the bearing and plate onto the shaft and attempt to re-install the upper left sprocket cover bolt. You may need to elongate this hole so you can install the bolt. Once you are able to install the bolt, remove it and the chain tensioner plate and now remove the upper right sprocket cover bolt.

Step 3

Install the chain tensioner plate and the upper left sprocket bolt and attempt to install the upper right sprocket cover bolt. Elongate the hole as required until you can install both upper bolts. Now repeat the process so you can install the lower left sprocket cover bolt.

Step 4

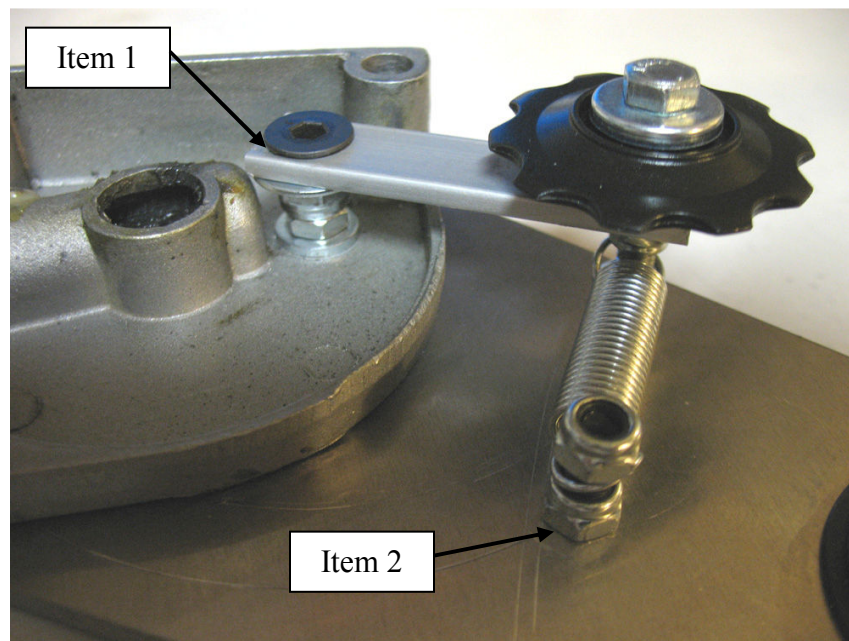
Now you should have the chain tensioner plate mounted with all three bolts. Check the spacing between the 17 tooth sprocket and the bearing. Add or remove washers as required to take up any space between the sprocket and bearing.

Step 5

With the plate mounted, drill a $\frac{1}{4}$ hole through the engine sprocket cover using the hole in the chain tensioner plate as a guide. You may want to put a piece of material between the sprocket cover and sprocket so the drill will not damage the chain or engine output sprocket.

Step 6

Install the tensioner assembly as shown. First install the pivot point, Item 1, through the engine sprocket cover and tensioner plate. Ensure to include the washer on either side and fasten with a locknut. If your engine cover casing is thick you may need to omit the outer washer to get proper engagement of the lock nut. Make sure that the three cover bolt holes are aligned.



Step 7

Install the spring tensioner bolt, Item 2, and secure to the tensioner plate with a locknut. Place the spring onto the bolt and install the second lock nut. You only need to install this nut about a $\frac{1}{2}$ turn past when you can feel the nylon engage with the bolt.

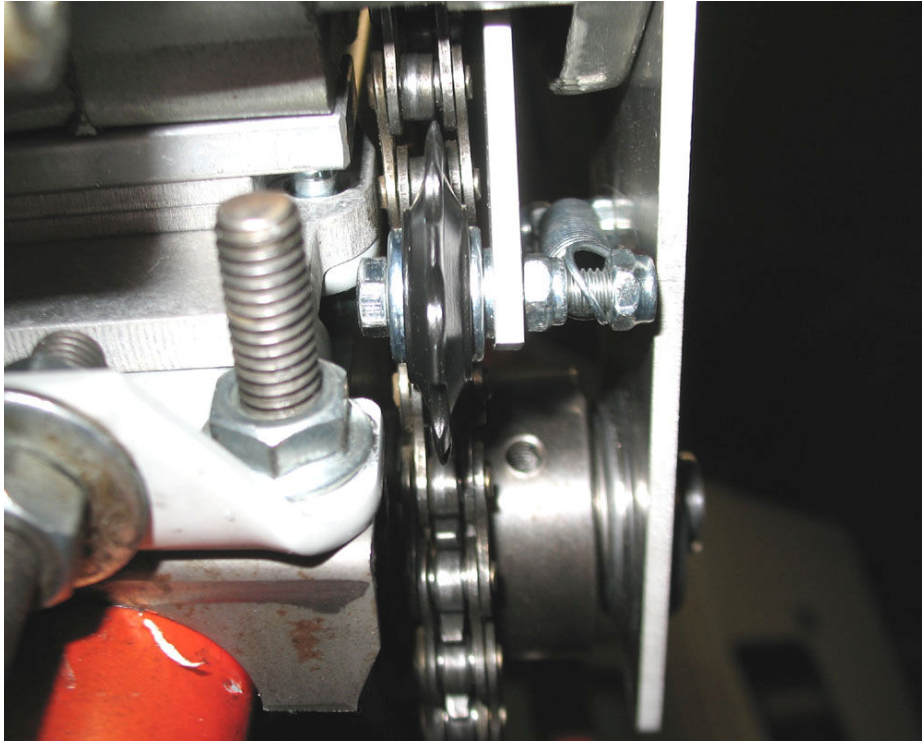


Step 8

Install the entire assembly onto the engine. Depress the tensioner to get it past the chain while installing the assembly. If you find it too difficult to install it you may remove the nut and spring from Item 2, install it and then reinstall the spring and lock nut. Neither method is that easy so whatever works for you.

Step 9

Check for alignment of the tensioner wheel to the chain. This can be adjusted by moving some of the washers around like the ones at the pivot point mentioned in Step 6.



Congratulations, go have fun!