

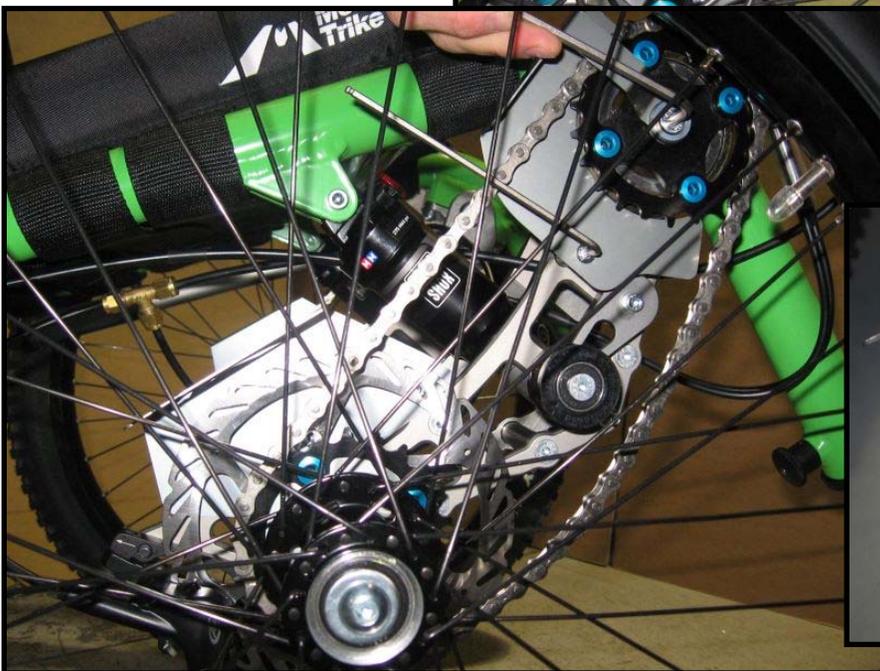
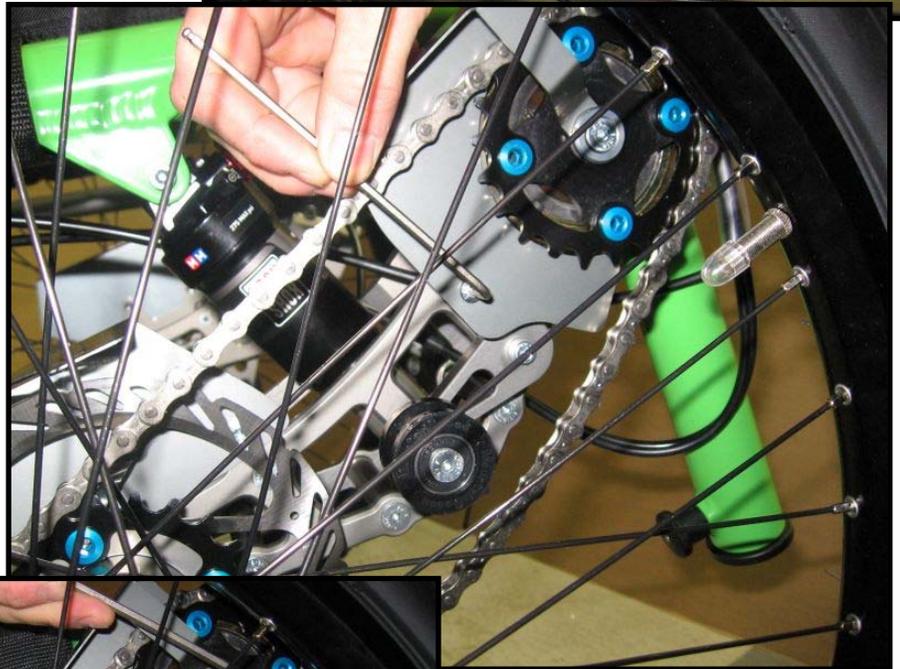
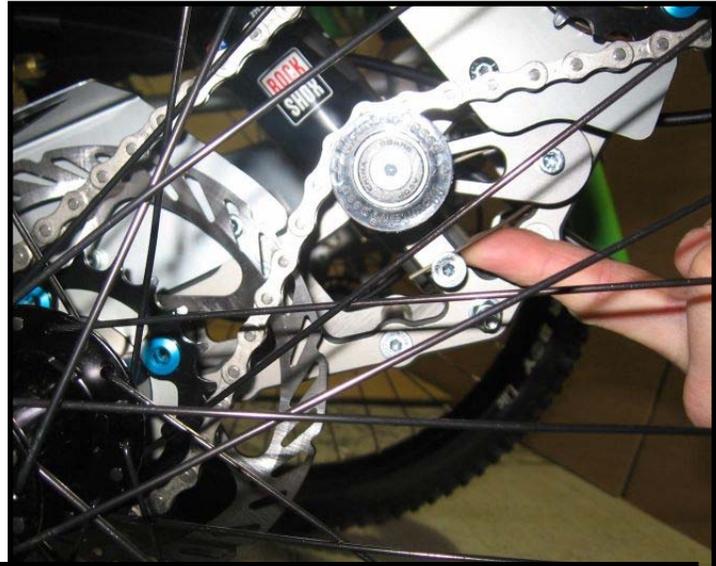
This service takes approx 15-20 minutes

Difficulty rating - medium

Before Starting you will need:

- 3mm allen key to remove chain guard
- 4mm allen key to remove end bolt
- 5mm allen key to unbolt chain ring
- Chain whip to hold chain ring whilst undoing bolts

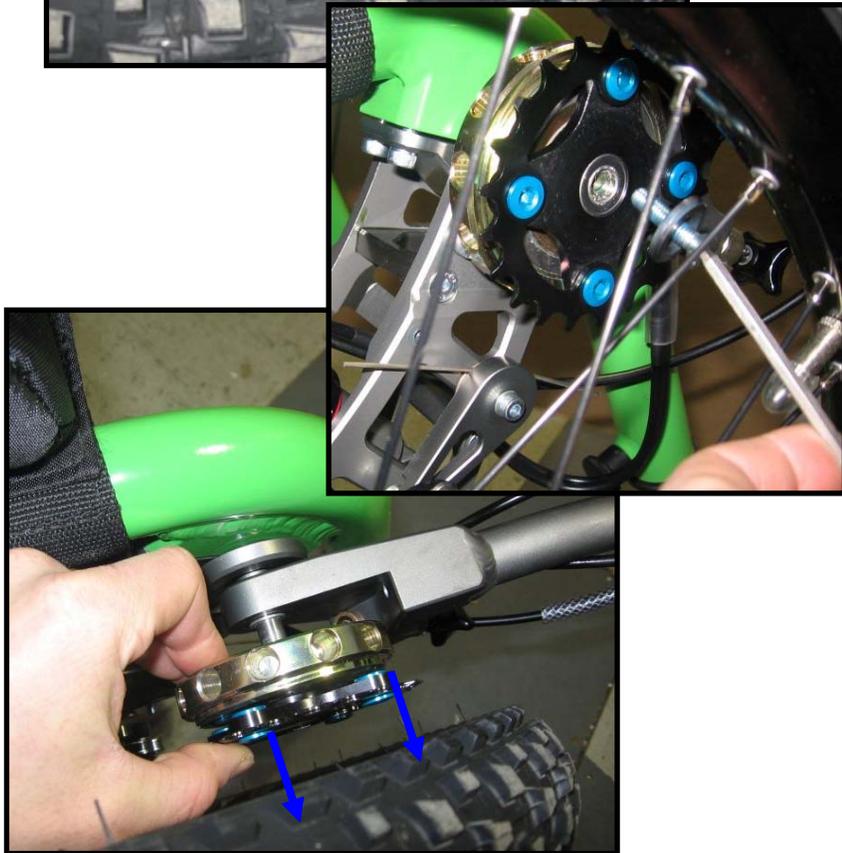
1. Unlatch the chain tensioner spring from the bolt sticking out of the main swing arm to release tension on the chain
2. Using 3mm allen key unbolt chain tensioner
3. Using 4mm allen key loosen end bolt
4. Remove chain guard



5. Remove the chain from the upper sprocket and let it drop down loose



6. Remove the end bolt to allow the drive unit and gear to slide off. * **there is a small centre spacer between the drive unit and the drive lever which may stick to the drive unit when removed***



7. Remove this centre spacer



5. Unbolt Chain Ring, holding sprocket securely with Chain whip
(you may need to hold the back part of blue sprocket bolts with a screw driver to stop it spinning)



6. Fit new Larger sprocket
(you may need to hold the back part of blue sprocket bolts with a screw driver to stop it spinning while you tighten up the sprocket bolts. Be careful not to over tighten the sprocket bolts as they can sometimes snap if over-tightened)

Flex split link inwards to remove plate

7. Use 'quick link' to separate chain and a chain tool to add the additional link



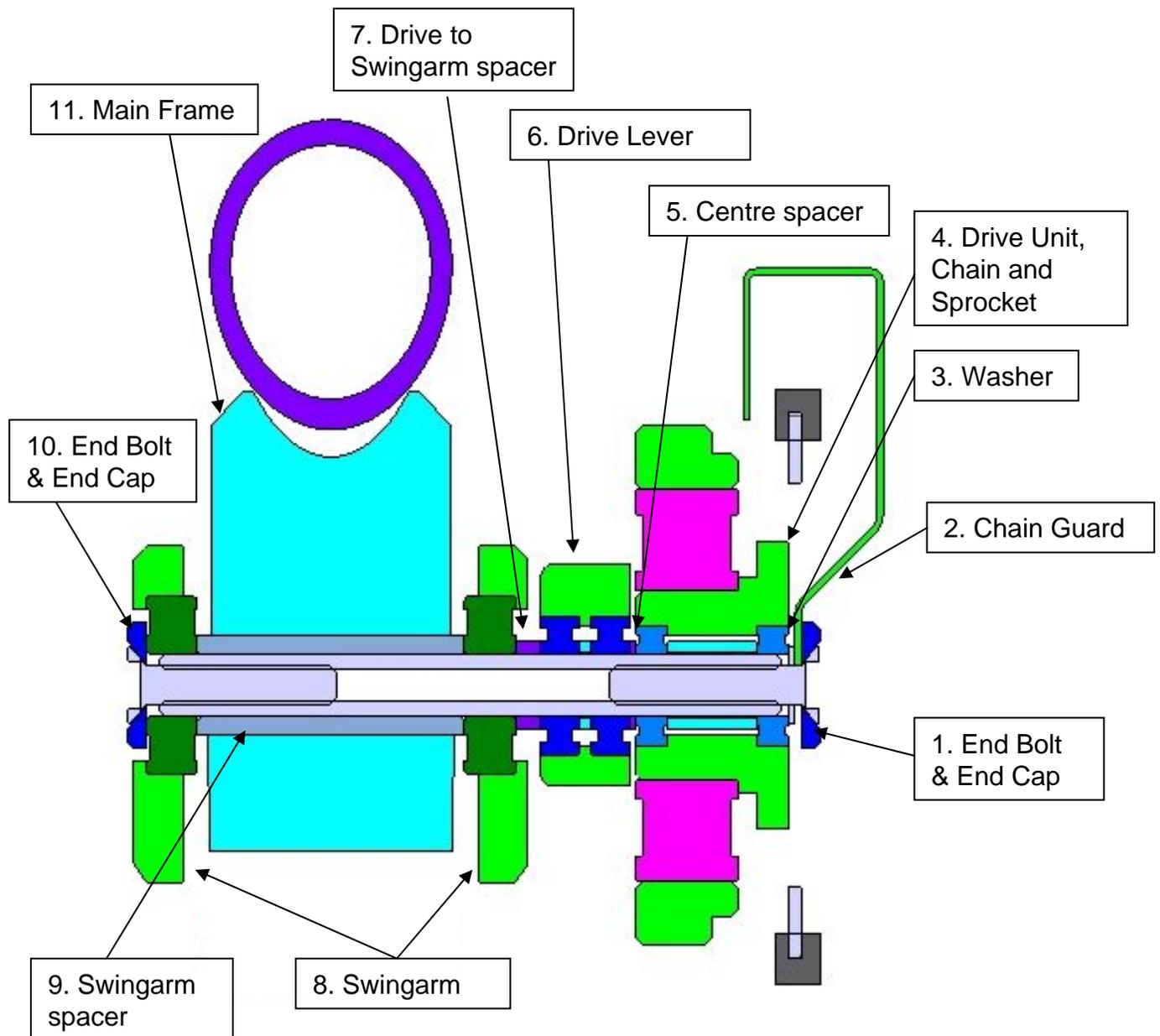
8. Fit additional Link to chain.



Assembly

This 'section diagram' shows the order of parts and spacers in the drive train.

Please take a moment to ensure you install all the parts according to this diagram.



Contact tim@mountaintrike.co.uk if you at all unsure about any aspect of these instructions.

ASSEMBLY

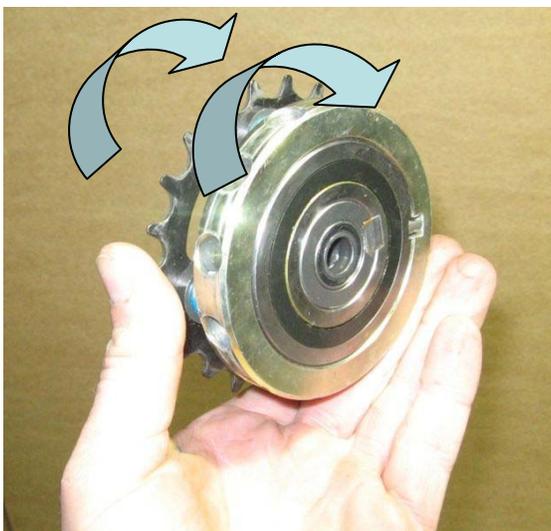
1. Slide centre spacer onto pivot pin



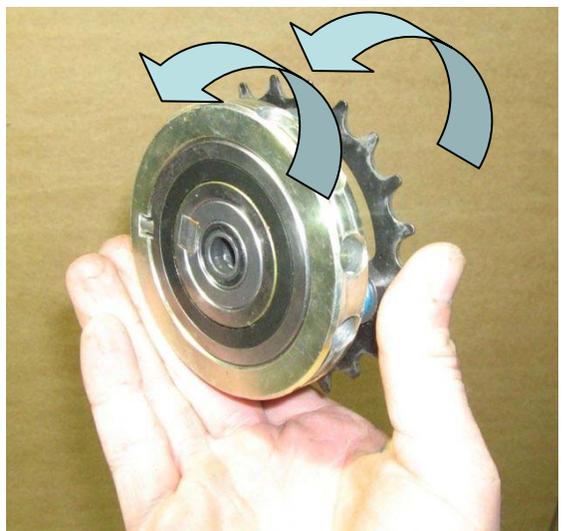
2. Slide Drive unit onto pivot pin – make sure it is the correct drive unit for that side of the trike. Check this by rotating the gold engagement ring (with holes in).



For the left side (as sitting on the Trike) the Engagement Ring should turn the sprocket forwards when orientated as pictured.



For the right side (as sitting on the Trike) the Engagement Ring should turn the sprocket forwards when orientated as pictured.



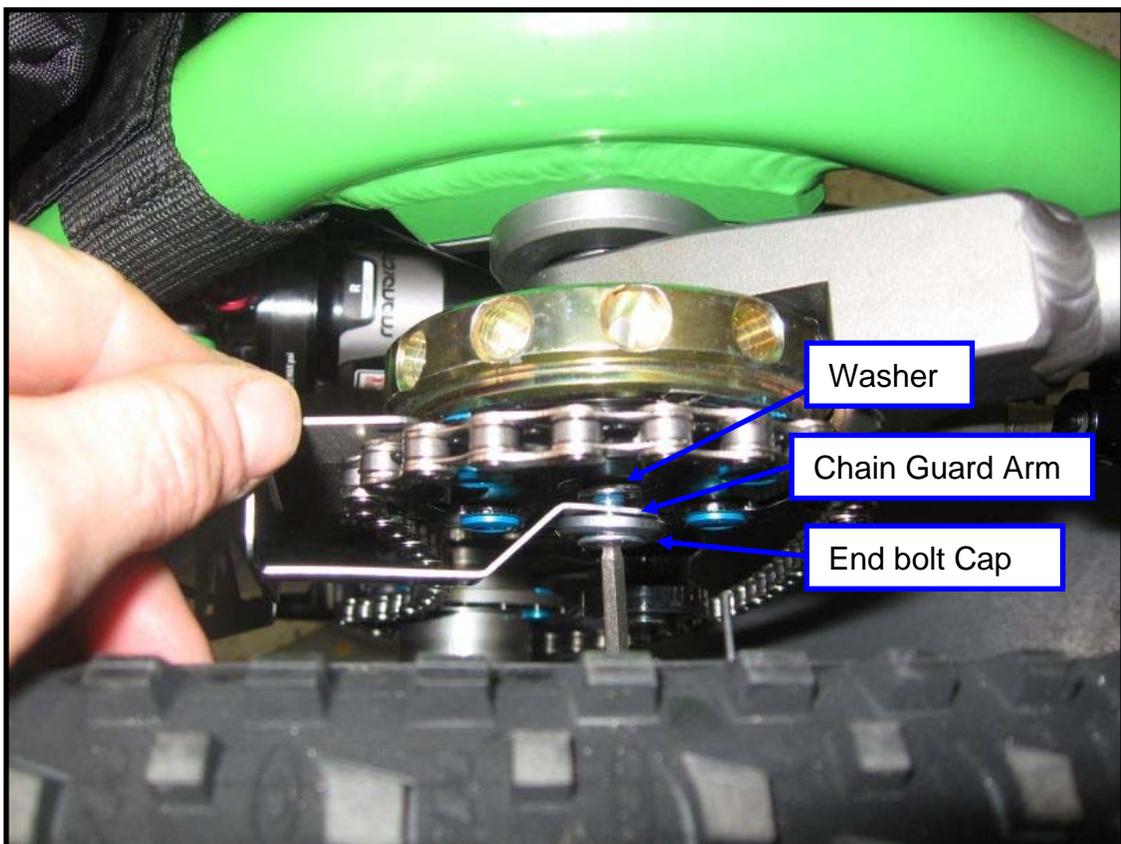
3. Hook chain back onto sprocket



4. Loosely screw end bolt into pivot pin

5. Refit chain guard making sure that the spring for the chain tensioner is not restricted by the chain tensioner bracket and that the arm of the chain guard fits between the end bolt cap and the washer as pictured.

6. Tighten end bolt – just ‘hand tight’ – too tight and the drive train bearings may experience excessive side loads, shortening their life. To check this is correct, spin the drive unit, it should spin freely.



7. Ensure chain is fully located on both sprockets and Latch one end of chain tensioner spring into the back of the chain tensioner arm and the other end onto the bolt protruding from the swingarm



8. Lift wheel off the ground and spin it to check the chain spins freely and that drive engages correctly.

9. Go ride!

Contact tim@mountaintrike.co.uk if you at all unsure about any aspect of these instructions.