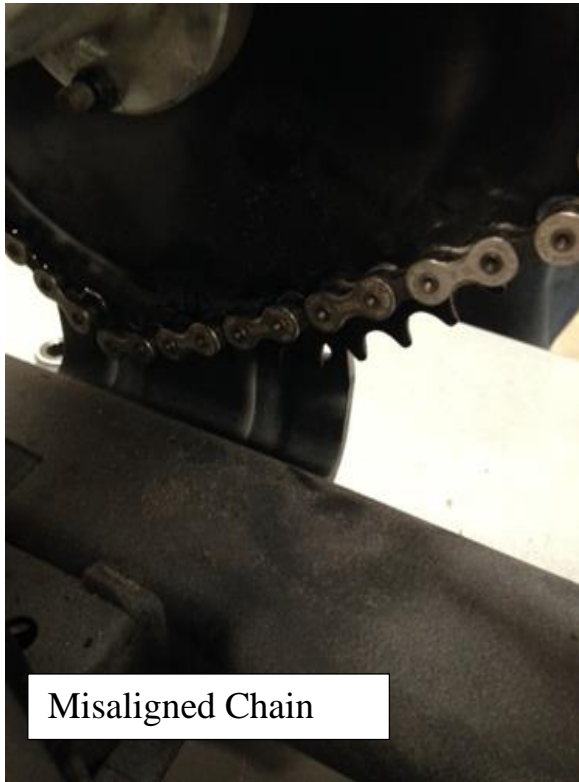


## Assault AirBike Chain Adjustment Bulletin

The picture below shows a bike with a popped off chain that has come off the chain wheel. The chain needs to be routed back onto the chain wheel and tensioned so as not to happen in the future.

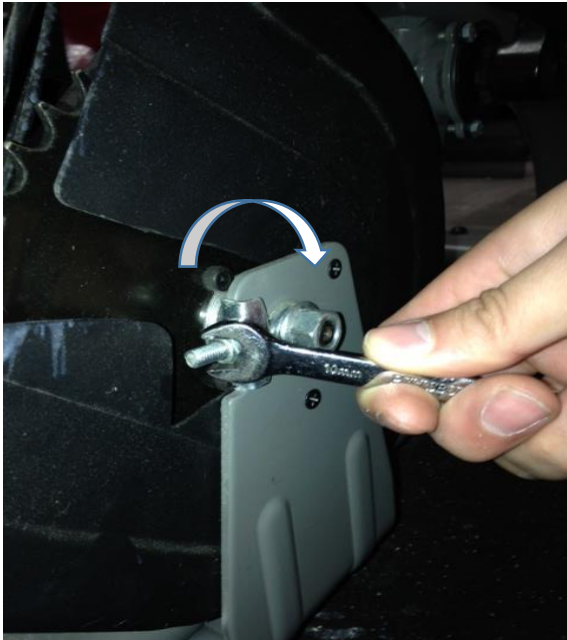
Tools needed to perform the service are a 10mm and 15mm wrenches.





### **Step 1**

Using the 15mm wrench, loosen the crank axle nut by rotating the wrench counter-clockwise.



### **Step 2**

Once the axle nut is loose use the 10mm wrench to turn the chain tensioner nut clockwise about 2-3 full turns. This will de-tension the chain and allow it to be placed back onto the chain wheel.



### Step 3

To place the chain back onto the chain wheel you can either place it on with your fingers or more easily just rotate the cranks backwards.

If there is still not enough slack in the chain to place it back onto the chain wheel, either by rotating the cranks in reverse or using your fingers, de-tension the chain a bit more by rotating the chain tension screw as shown in step 2.



### Step 4

Once the chain is back on the chain wheel we have to re-tension the chain to prevent it from falling out of place in the future.

This will be the reverse steps of Step 2.

Loosen the chain tension screw by rotating it counter clockwise 2-3 full turns. This will allow us to put more tension on the chain.

Proper tension is needed to prevent the chain from becoming misaligned in the future.



### Step 5

Proper chain tension is about 3mm of movement up and down or a slight up and down movement.

Once you get the proper chain tension, tighten the axle nut that was loosened in Step 1 by turning it clockwise with the 15mm wrench. Make sure the tension remains the same while tightening the axle nut.

Once the nut is secured double check the chain tension to make sure it is still tight. If everything is secured properly the chain should not come loose again.



### Step 6

Hop on the machine and test the unit to make sure there is no scrapping or chain rubbing and the chain smoothly cycles.

Check all bolts and nuts and pedals periodically to make sure everything remains tight.