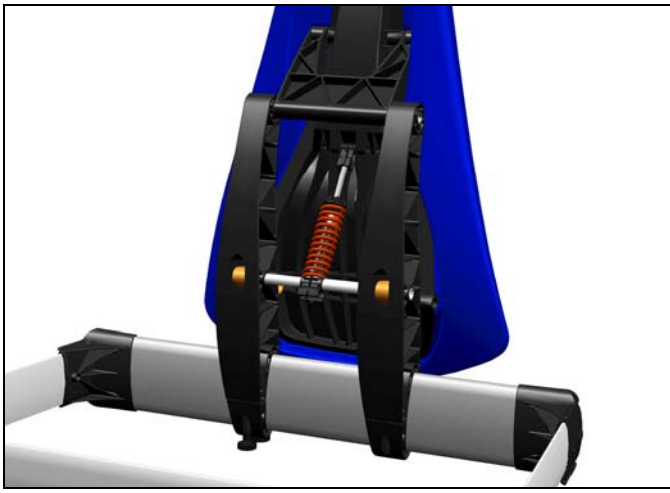


## PUMPBIKE Spring adjustment



### SPRING ADJUSTMENT

It is recommended that you pay attention to the spring adjustment under the tank. This can make a big ride difference, AS it is designed to allow different riders with varying weights to adjust for to the correct weight required.

#### **STEPS**

- a) This adjust allows the rider to make the **spring** harder or softer.
- b) **TO SOFT** If you feel the spring is soft and bottoming during the bouncing, and then you simply screw the thumb Nut in a cock-wise direction TO COMPRESS the spring more, until you achieve the desired tension for riding.
- c) **TO HARD** If the spring is too hard, during use you will notice the rear wing and related part will not move at all or very little, this way make it hard to ride and very tiring. To adjust this, turn the Thumb Nut anti-clockwise to make this softer (looser spring), until you achieve the desired settings.
- d) **COMPLETELY RESET THE SPRING** after adjusting the spring a few times you may become confused. To reset the spring follow these simple steps.
  - i) Lay the water bike upside down on the ground so the linkages are now in front of you.
  - ii) Completely release the thumbnut that is tightened onto the spring so the spring assembly will become loose in its normal position.
  - iii) Now check the linkage assembly can move smoothly by rocking it forward and backwards with your hand (with the loosened off spring). The assembly should move easily in both directions. (if not find the problem).
  - iv) Now hold the linkage in the fully "UP" (RIDE POSITION). This is the position the linkages will be in when the spring is pushing the cradle i.e. the front part of the lower arms will be just touching the tank body.
  - v) Once you have this position achieved the spring is ready to tighten. Spin the thumbnut up to the spring until the spring is "JUST" becoming held from the loose position.
  - vi) Now place one or your fingers on the long metal tread shaft in front of the thumbnut to allow you to remember the position the thumb nut started to become tight.
  - vii) With the other hand tighten the nut a further 4-6mm for normal riders average weight 60-85 kg.
  - viii) If you test the bike now and find the linkages are bottoming out then you can still tighten the spring further in 2-3mm increments.