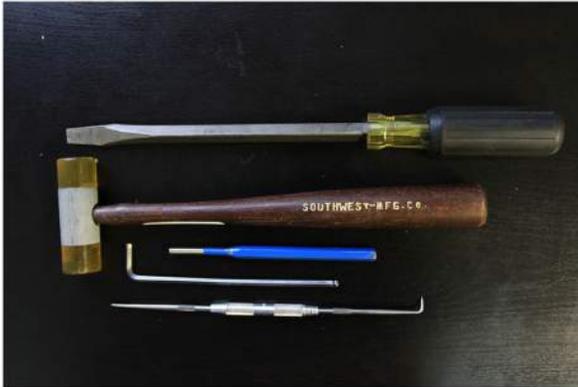


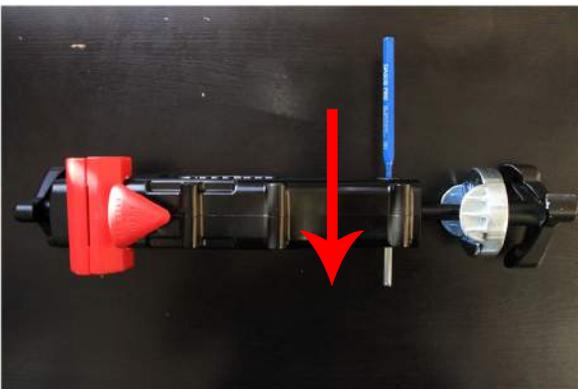
Pro Elite and Commercial Clamp Head

Tension Spring repair and tear down



Tools Required:

- Hammer
- Pin punch (or 1/4" bolt)
- Pick tool
- Flathead screwdriver
- 4mm Allen



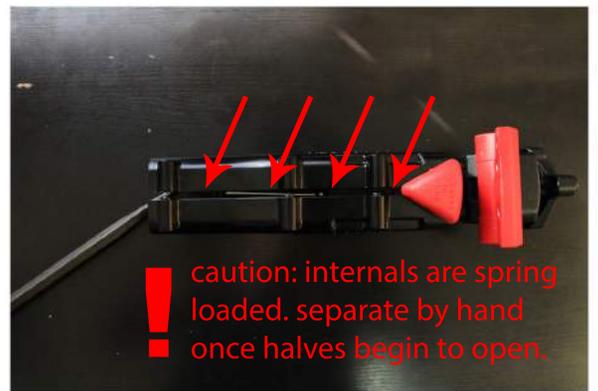
Step 1: Remove roll pin using punch and hammer.



Step 2: Remove inner clamp pad with two 4mm allen bolts.



Step 3: Remove six 4 mm allen bolts on side of clamp body.



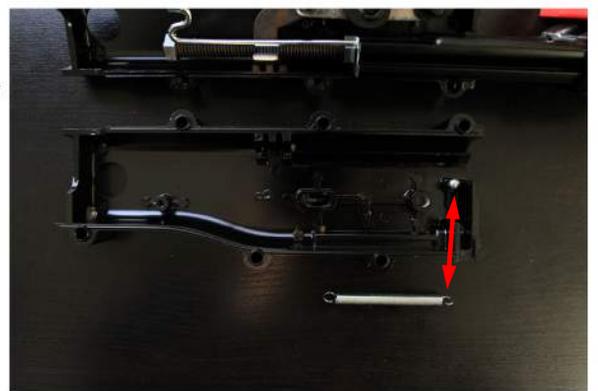
Step 4: Gently pry clamp body casing apart with flathead screwdriver. Go slowly, and in small increments.

caution: internals are spring loaded. separate by hand once halves begin to open.



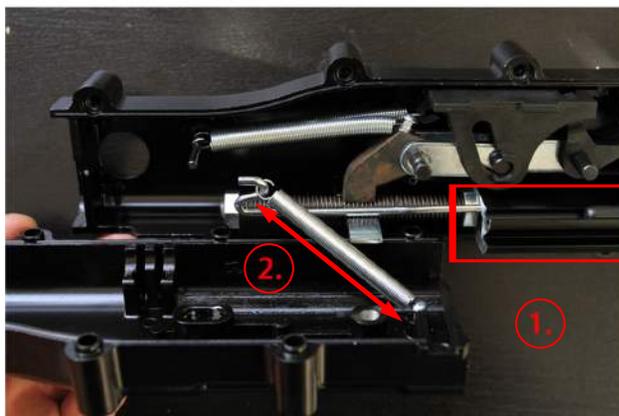
Disassembled view: Note that tension spring is disconnected from chrome hook end of sliding clamp assembly (left).

Tension spring removed from lower half of body (right).



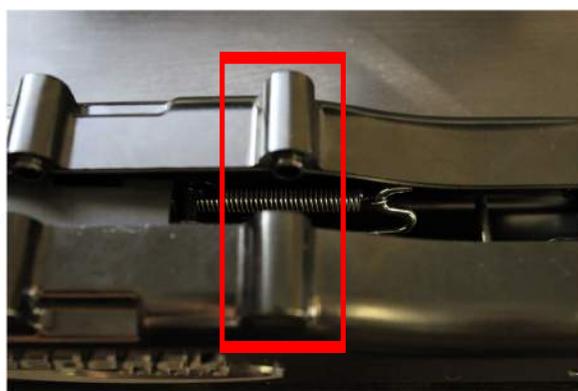
Note: If internal parts are dirty, now is an opportune time to clean and reassemble. Clean parts using a bike friendly degreaser or cleaner and use a light grease to lubricate moving parts upon reassembly. *Do not use grease on lead screw and thread dog. These parts come from the factory with a light wax film which can be achieved by using a simple candle stick.*

Step 5: With upper half of clamp body laying flat on surface, place sliding clamp assembly back into sliding track. Re-attach tension spring to lower clamp body half and chrome hook at end of sliding clamp assembly.



Step 6: While holding both body halves, gently pull spring to align body halves. Take care to not pull internals out of upper half with spring.

Note: Before pressing halves together, proceed to step 7.



Step 7: Slide clamp release button into channel between body halves then gently press body halves together.

Step 8: Thread six, 4mm bolts into clamp body. Snug each bolt equally.



Step 9: Reinstall inner clamp jaw with two 4mm allen bolts.

Step 10: Reinstall roll pin through pivoting barrel assembly using hammer.

