RIMAC Big Blue Spring Tester Calibration Instructions

IMPORTANT: This calibration procedure requires a calibrated test spring such as RIMAC calibrated test spring (part number BB1901), and a 1.5 mm Allen wrench

1. Use the test spring to determine if the spring tester is calibrated. If not, please follow the steps below.
2. Loosen screws on both sides of the aluminum bezel, and gently remove it.
3. Remove the plastic lens with the red needle attached to it.
4. Carefully remove the black needle by pulling outward from directly behind the hub where it is connected. Be careful not to bend the needle or the shaft the needle is mounted to.
    a. Use a fork with narrowly spaced tines if you don't have something similar available.
5. Remove the gauge face to expose the inner mechanism.
6. You will see a horizontal slide bar with two screws (Fig. 1). Loosen the screws to adjust.
    a. Slide the bar **right** slightly to INCREASE the weight calibration
    b. Slide the bar **left** slightly to DECREASE the calibration
7. Tighten the two screws on the bar, add the gauge face, the needle, and check calibration with the test spring.
8. Based on those results you may need to repeat steps 4-7 to get the calibration correct.
9. Once calibrated, place the gauge face tab in the directly down position, and then install the needle as close to Zero as possible (Fig. 2). Once the needle is installed, you can use the gauge face tab to adjust the face so the needle is at zero at all times.

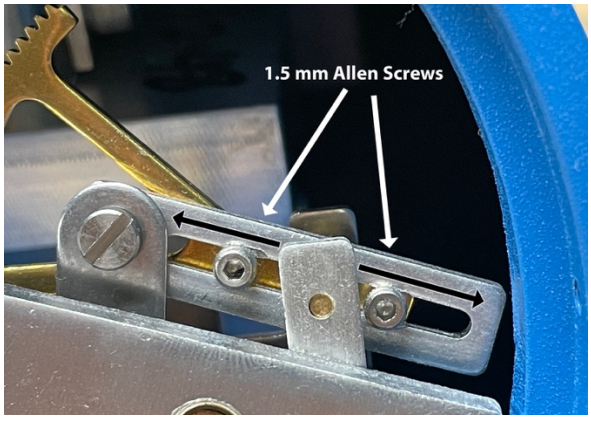

Figure 1

Figure 2

For additional technical support, call RIMAC directly at 586-774-2500, 9a-5p ET, Mon-Fri. For email correspondence, please use info@rimac-tools.com