Instructions for Valve Spring Tester
#73511 (1400 lb by 1lb)   and   #73512 (600 lb by .1lb)

Travel Indicator:

Move upper plate down to touch the base & Zero travel – push the red ZERO button. Or you can Zero anywhere along the travel.

If you Zero when the upper plate just touches the spring it will read the amount you are compressing the spring. Or you can set the stop on the rack at the top to duplicate readings.

If you are checking inner and outer springs you should check them with the retainer as the inner spring(s) sits on a step in the retainer and is compressed more than the outer one.

To make the travel read correctly when using the retainer put the outer step of the retainer between the upper and lower plates when Zeroing the travel indicator.
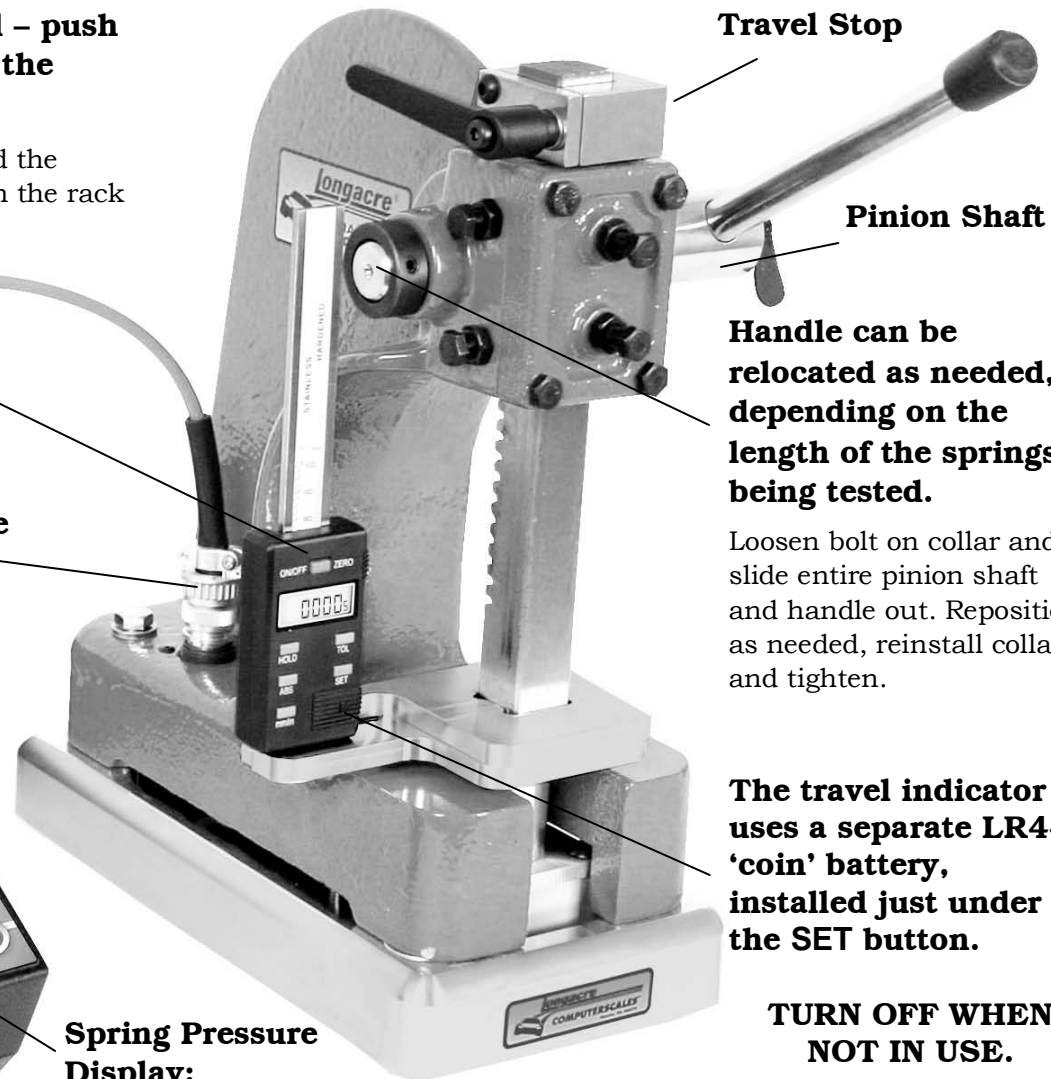
Low Battery Indicator
Recharge for 12-24 hours. Display will run for 12+ hours on a charge. LED changes to green while charging and does not go out when battery is charged.

You can run the display with the charger connected. However if you experience some instability of the readings it is probably caused by electrical 'noise' on the power line. Simply disconnect the charger and run on battery power.

Connect here

Charger/Power Supply connection
(on back)

Travel Stop

Pinion Shaft

Handle can be relocated as needed, depending on the length of the springs being tested.

Loosen bolt on collar and slide entire pinion shaft and handle out. Reposition as needed, reinstall collar and tighten.

The travel indicator uses a separate LR44 'coin' battery, installed just under the SET button.

TURN OFF WHEN NOT IN USE.

Low battery is indicated by all digits flashing.

Spring Pressure Display:

Zero with no load.
Reads in lbs. (or kgm)

Instructions for Valve Spring Tester

Conversion to Metric Readout & Pressure Readout to 1/10 lb.

To Convert to Metric Readout – kgm

Press and hold the Zero button for approx. 5 seconds until you hear a 'beep'. The display will change to lb 1 with 'lb' flashing. Push the Zero button to change to 9 (g for grams). When done push ON to save this setting. This will stay until you change it. Use the same procedure to go back. See below to change to .1 kgm. To convert travel to mm, push the mm/in button.

To convert travel to Metric – mm – push the mm/in button

"Hidden" button

To Convert Pressure Readout to 1/10 lb (.1 lb):

Press and hold the Zero button for approx. 5 seconds until you hear a 'beep'. The display will change to lb 1 with 'lb' flashing. Push the 'hidden' button once (see above – this is a button not used normally). The number '1' will start to flash. Push the Zero button to change to .1 When done push ON to save this setting. This will stay until you change it. Use the same procedure to go back to 1 lb. if desired.