



The entire field adjustable set point range of Series NS2™ switches is 0.10" w.c. to 10.0" wc, which is achieved by using five different range springs supplied along with the switch and other accessories in a contractor kit. When changing the set point of an air switch, do not exceed the maximum number of turns of the adjustment screw. For Series NS2™ switches, the maximum number of turns is given below for each of five standard set point ranges.

Please Note: Calibration requires a manometer (not included in the kit) as well as the included 7/32" hex wrench.

1. Establish the set point as follows. Referring to Table 1 below, select the appropriate spring for the required set point range. Insert the spring into the center well of the mounting pan (light gray side of the switch housing).
2. Insert the black set point adjustment screw, and rotate it manually until the threads are engaged.
3. Connect the switch to a manometer. Using the 7/32" hex wrench provided in the kit, turn the adjustment screw in small increments until the desired set point is reached.

Turn the screw clockwise to increase the set point or counterclockwise to decrease the set point. For precise calibration, confirm the set point at actual operating temperature with a manometer. Following precise calibration, if desired, seal the adjusting screw using hot melt glue. **Do not place the switch in operation without knowing what the set point is: doing so could create a hazardous situation.**

TABLE 1: RANGE SPRINGS		
Part No.	Color	Set Point Range ("wc)
61523	Black	0.10 thru 0.30
61513	Natural	0.30 thru 0.90
61514	Yellow	0.90 thru 2.50
61515	Red	2.50 thru 5.00
61524	Blue	5.00 thru 10.00

Please Note:

A calibration spring must be installed before the NS2™ switch can be considered operable!

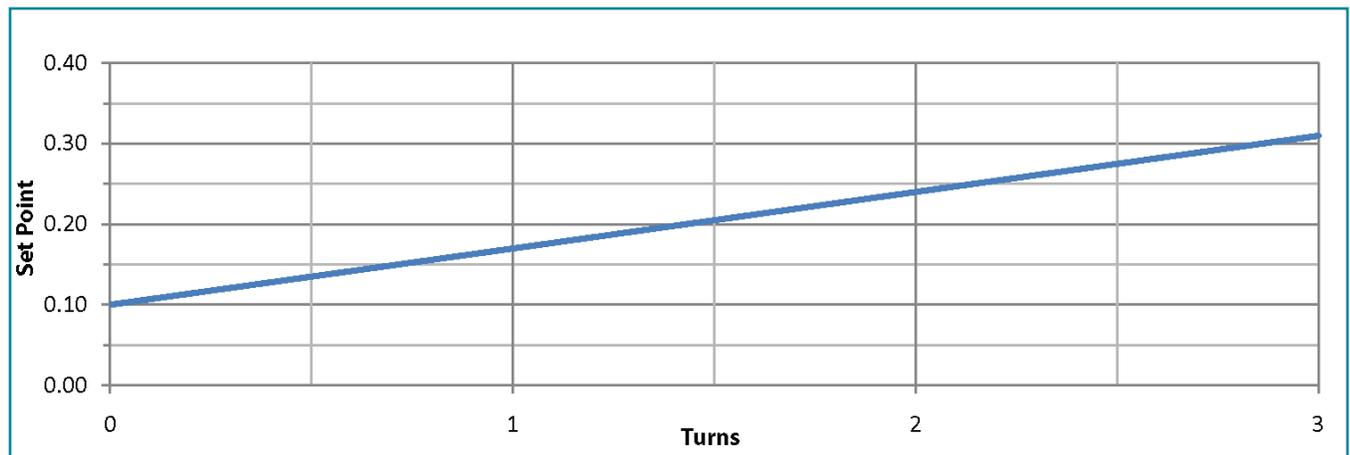


Figure 1: P/N 61523 Black Range Spring (0.10 thru 0.30"wc)



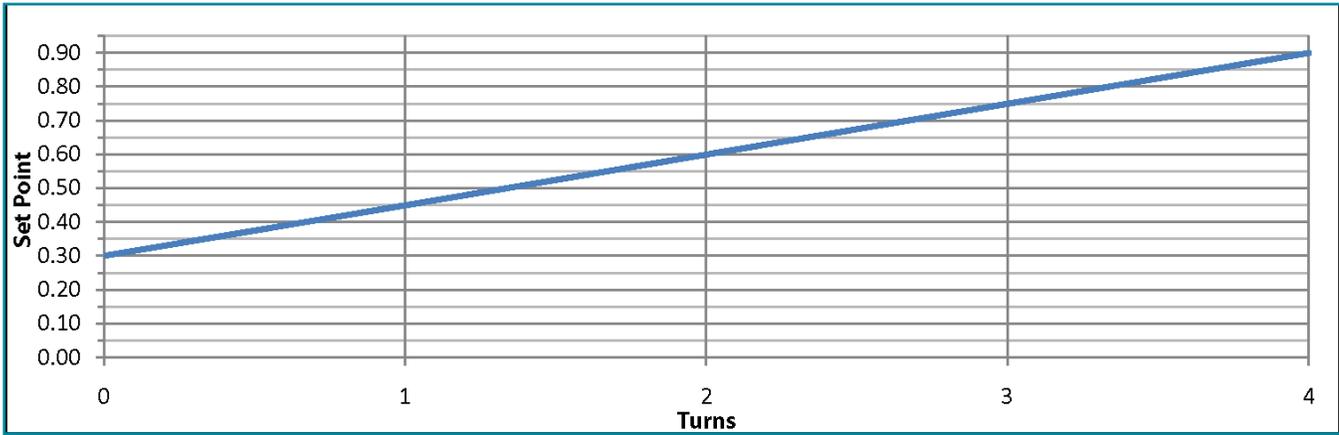


Figure 2: P/N 61513 Natural Range Spring (0.30 thru 0.90"wc)

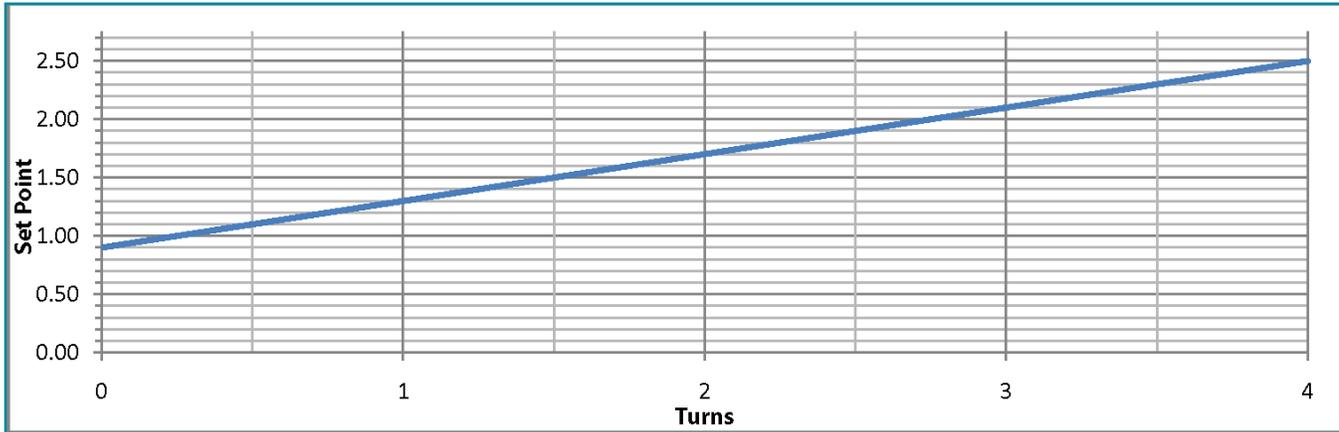


Figure 3: P/N 61514 Yellow Range Spring (0.90 thru 2.50"wc)

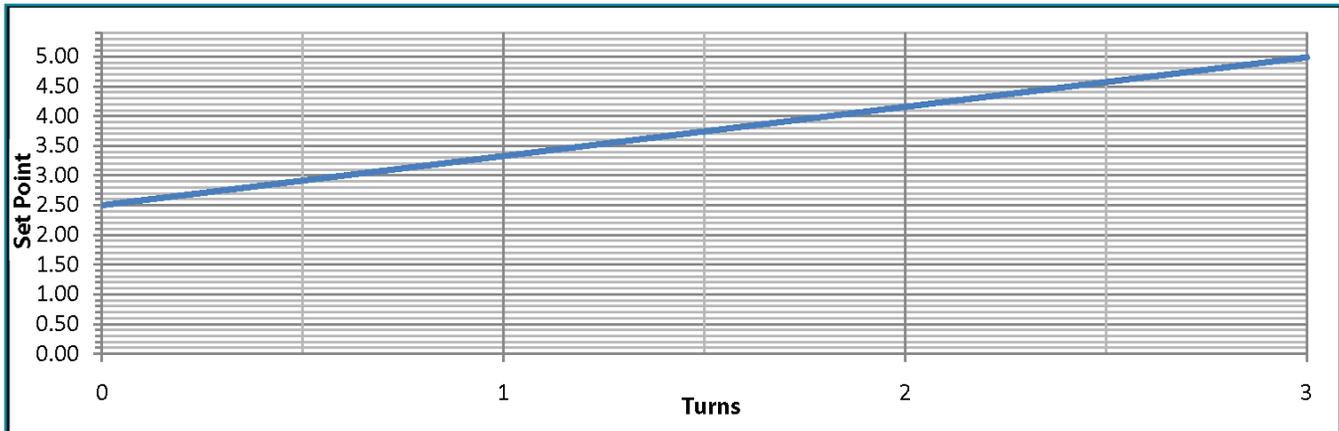


Figure 4: P/N 61515 Red Range Spring (2.50 thru 5.00"wc)

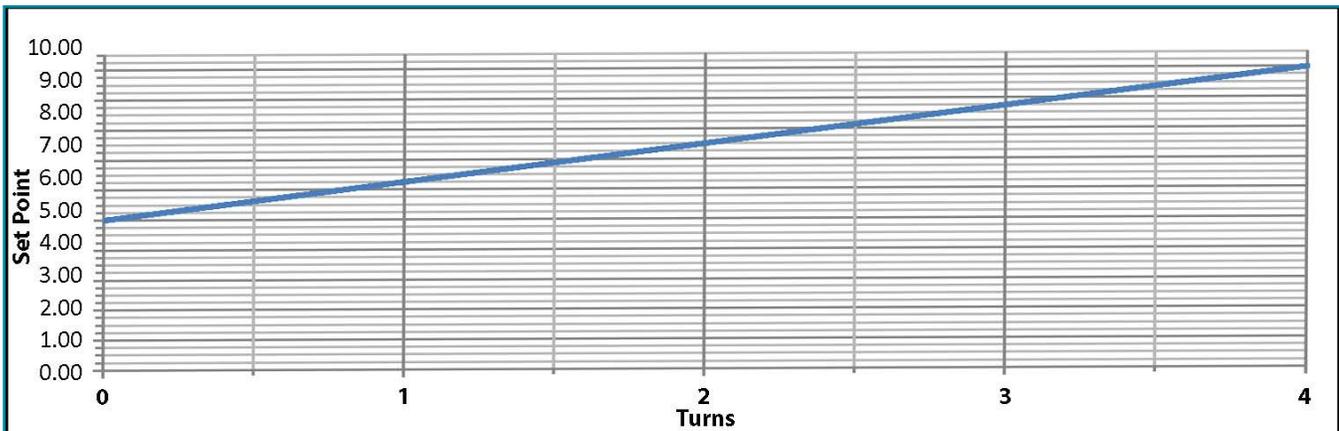


Figure 5: P/N 61515 Blue Range Spring (5.00 thru 10.00"wc)