
From: Norton, Vince
Sent: Monday, February 09, 2009 1:21 PM
To: Boyles, Derek
Subject: MODEL 770 SAFETY DETENT SPRING

Derek,
 Below is the safety on and off forces for our new safety detent spring. These forces are more in line with the current product. I would still like to make one slight tweak to this spring however and increase the spring OD by approximately .010" to eliminate some play in the safety arm. I can send you a couple of parts so you can feel the safety arm and see what I am talking about. I am going to work on a new print and get it to Mid-State spring for some more prototypes as soon as possible.
 Vince

FC#1			FC#2		
	On	Off		On	Off
1	2.98	4.8	1	2.3	3.5
2	2.9	4.82	2	2.14	3.3
3	3	4.84	3	2.34	3.26
avg	2.96	4.82	avg	2.26	3.35

FC#3			FC#4		
	On	Off		On	Off
1	3.4	3.76	1	3.04	5.2
2	2.84	4.18	2	3.1	5.5
3	2.84	3.78	3	3.04	4.92
avg	3.03	3.91	avg	3.06	5.21

FC#5			FC#7		
	On	Off		On	Off
1	2.98	5.32	1	3.34	5.58
2	2.88	5.02	2	3.18	5.62
3	2.92	4.92	3	3.24	5.72
avg	2.93	5.09	avg	3.25	5.64

FC#8			FC#9		
	On	Off		On	Off
1	3.02	5.88	1	3.12	5.04
2	3.12	5.84	2	3.28	5.4
3	3.06	5.56	3	3.22	5.48
avg	3.07	5.76	avg	3.21	5.31