

# **BANDIT MACHINE WORKS**

## Spring Pressures

For all Big Twin Superclutches, Sportsman Clutches and Belt Drives, and Sportster belt drives

with 1.375" deep spring cups

		<u>Color</u>	<u>Blue*</u>	Silver	Red	Gold	Black
		Part #	154404	154403	154402	154401	154406
<u>Preload (shim)</u>	<u>Spring height</u>	<u>Lbs pressure produced.</u>					
None	1.250"	each	79	48	50	35	17
		<b>x6</b>	<b>474</b>	<b>288</b>	<b>300</b>	<b>210</b>	<b>102</b>
0.050	1.200"	each	95	56	55	38	20
		<b>x6</b>	<b>570</b>	<b>336</b>	<b>330</b>	<b>228</b>	<b>120</b>
0.100	1.150"	each	111	64	59	41	23
		<b>x6</b>	<b>666</b>	<b>384</b>	<b>354</b>	<b>246</b>	<b>138</b>
0.150	1.100"	each	127	71	63	44	26
		<b>x6</b>	<b>762</b>	<b>426</b>	<b>378</b>	<b>264</b>	<b>156</b>
0.200	1.050"	each	143	78	66	47	30
		<b>x6</b>	<b>858</b>	<b>468</b>	<b>396</b>	<b>282</b>	<b>174</b>
0.250	1.000"	each	159	85	70	50	32
		<b>x6</b>	<b>954</b>	<b>510</b>	<b>420</b>	<b>300</b>	<b>198</b>

Notes: Silver springs are the replacement for the old Gray springs

Compressing springs below a static height of 1.000" could cause coil bind, and prevent full travel of the pressure plate.

\*NOTE: standard spring collars are .125" thick. Blue springs use collars which are .090 thick - adjust your measurements accordingly.

.050" Spring shims are available in a set of 30 as PN 154520

NOTE: Listed spring pressures are new springs under lab conditions, used springs can vary. We recommend you test your individual springs if exact pressures are required for clutch tuning.