

Spring Rate:

$$K = \frac{(W^4)G}{8N(D^3)}$$

where G = 12,000,000

Assumed 50/50 weight distribution and  
Approx. Vehicle Weight = 2,600 lbs.

	Cacluated Spring rate in lbs. Per inch <b>K</b>	% increase over spec	Diameter of wire <b>W</b>	Number of active coils <b>N</b>	Diameter of spring @ wire center lines <b>D</b>	Approximate Free Length	Approximate inches of compression when installed	Paint Mark
Stock '95 Front per specifications	287	n/a	0.490	4.27	4.130	10.740	2.26	
Stock '95 Rear per specifications	205	n/a	0.480	4.21	4.516	11.770	3.17	
Stock (L) Front measured	280	-3%	0.498	4.10	4.315	11.125	2.32	brown
Stock (L) Rear measured	239	16%	0.495	3.80	4.630	11.875	2.72	purple
Replacement Front measured	366	27%	0.500	4.00	4.000	Not measured	1.77	
Replacement Rear measured	249	21%	0.500	4.50	4.375	Not measured	2.61	