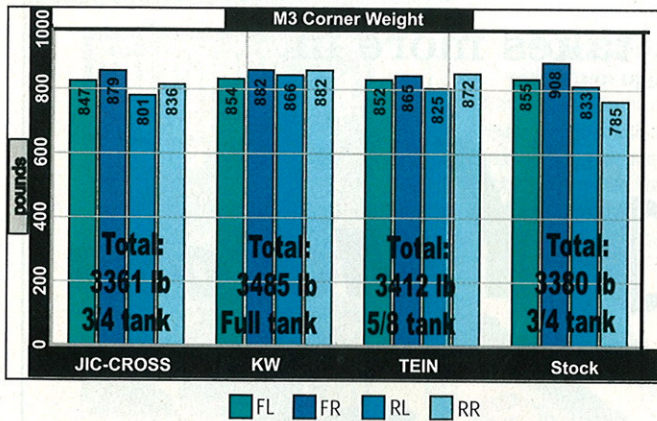
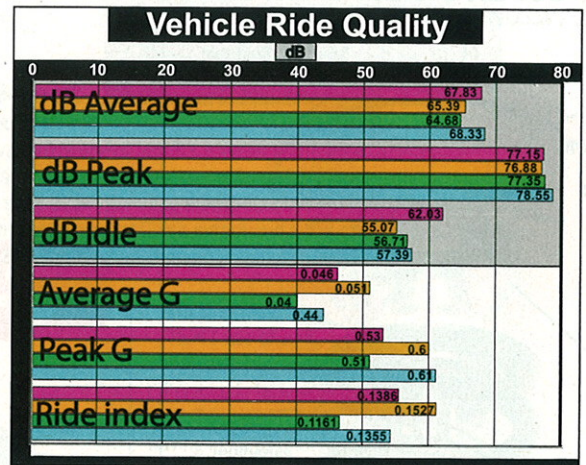


WELL SPRUNG: PART 2



Corner balance values for the stock and modified M3. Fuel volume was also recorded.



Ride quality data including average, peak, and idle sound levels and vertical acceleration. The weighted ride index value indicates the level of comfort. The lower the value, the more comfortable the ride.

	JIC-Cross		KW Variant 3		TEIN SS-P		Stock (SACHS)		units
	Front	Rear	Front	Rear	Front	Rear	Front	Rear	
MSRP	\$2350		\$2650		\$1650	EDFC \$380.00			
Chamber	-2.15	-1.5	-0.5	-2.0	-2.4	-1.9	-0.75	-0.5	degree
Toe (in)	0	0	3/32	1/8	0	1/16	1/16	3/32	inch
Spring rate	402 [10]	687 [14]	338 (progressive) [6]	392 (progressive) [8.6]	448 [8]	672 [12]	162 [2.9]	443 [7.9]	lb/in [kg/mm]
Street Damping setting (Rebound)	15 of 15	15 of 15	1.5 of 3.25 turns	2.0 of 3.25 turns	14 of 16	16 of 16	-	-	out of total positions
Street Damping setting (Compression)	N/A	N/A	1.0 of 2.25 turns	1.0 of 2.25 turns	N/A	N/A	-	-	
Track Damping setting (Rebound)	1 of 15	2 of 15	0.25 of 3.25 turns	0.25 of 3.25 turns	8 of 16	10 of 16	-	-	
Track Damping setting (Compression)	N/A	N/A	0.25 of 2.25 turns	0.25 of 2.25 turns	N/A	N/A	-	-	
Range	(1=hardest, 15=softest)	(1=hardest, 15=softest)	(0 turns=softest, 3.25 turns=hardest)	(0 turns=softest, 3.25 turns=hardest)	(0=hardest, 16=softest)	(0=hardest, 16=softest)	-	-	
Static Ride Height lower than stock	40	35	40	40	27	34	-	-	mm
Piston Stroke	115	135	127	217	105	183	163	234	mm
Piston Diameter	42	42	33	33	22	12.5	22	15	mm
Total Weight per corner	12	9	13.3	13.0	16.0	14.0	17.0	10.5	lb
Tire psi	32	32	43	43	34	34	33	38	psi (cold)

Above: Stock and modified M3 alignment and setup.