

THE HUGE K2 / PRO-FLEX SPRING AND SHOCK COMPATIBILITY CHART

Tech Force Tuning Tips:

1. Select springs for rider weight.
2. Check for proper sag (20% of shock stroke, which is usually about 8-12mm).
3. Adjust Preload to obtain proper sag amount (do not preload any spring more than five full turns of adjuster).
4. Move to higher spring rate if still too much sag, or move to lower spring rate if not enough sag.
5. Ride your bike and have some fun!



1992

952, 852, 752, 552, 550 (white/black), (Sizes 16", 18", 20") - Must upgrade to Dual Stage (SKD_)

Rider Weight (lbs)	Spring Rate (top/bot)	Part Number(s)	Kit Available?	Upgrade?
90 - 130	20/40	13943-2-20 / 13943-2-40	SKDS (also SSKPD*)	Dual Stage MCU only
120 - 160	30/50	13943-2-30 / 13943-2-50	SKDM (also SSKPD*)	Need Supp. Kit*
150 - 190	40/60	13943-2-40 / 13943-2-60	SKDH (also SSKPD*)	
180 - 220	50/70	13943-2-50 / 13943-2-70	SKDE (also SSKPD*)	

952, 852, 752, 552, 550 (white/black), (Size 14" only) and 352, 252 (all sizes)

Rider Weight (lbs)	Spring Rate (top/bot)	Part Number(s)	Kit Available?	Upgrade?
90 - 120	20	13943-2-20	no	Single MCU (single 13943 - 2 - x) only Need parts: 13941, 13942-7, 13942-9, 13979 (4 of these), 13718, 13717 (one of each) to upgrade to a -2 MCU
100 - 140	30	13943-2-30		
120 - 160	40	13943-2-40		
140 - 180	50	13943-2-50		
160 - 200	60	13943-2-60		
200 +	70	13943-2-70		

* These models need Spring Supplement Kit (#SSKPD) which includes: 1 bearing (#13941), 1 contain. washer (#13942-7), 1 contain. washer (#13942-9), and 4 shims (#13979)

* The SKD_ kits all include: 2 MCUs, 1 center washer (#14265), 1 spring tube (#14263 - 78mm long) and 1 mounting bolt (#14252 - M6 x 1 x 100).

1993

953, 853, 753, 453 (Sizes 16", 18", 20") - Must upgrade to Dual Stage

Rider Weight (lbs)	Spring Rate (top/bot)	Part Number(s)	Kit Available?	Upgrade?
90 - 130	20/40	13943-2-20 / 13943-2-40	SKDS	Dual Stage MCU only
120 - 160	30/50	13943-2-30 / 13943-2-50	SKDM	
150 - 190	40/60	13943-2-40 / 13943-2-60	SKDH	
180 - 220	50/70	13943-2-50 / 13943-2-70	SKDE	

953, 853, 753, 453 (Size 14") and 353, 253 (all sizes)

Rider Weight (lbs)	Spring Rate (top/bot)	Part Number(s)	Kit Available?	Upgrade?
90 - 120	20	13943-2-20	no	None - 1 MCU only
100 - 140	30	13943-2-30		
120 - 160	40	13943-2-40		
140 - 180	50	13943-2-50		
160 - 200	60	13943-2-60		
200 +	70	13943-2-70		

* The SKD_ kits all include: 2 MCUs, 1 center washer (#14265), 1 spring tube (#14263 - 78mm long) and 1 mounting bolt (#14252 - M6 x 1 x 100).

Vector Fork - 953 - Vector fork has black steel stem

Rider Weight (lbs)	Spring Rate (top/bot)	Part Number(s)	Kit Available?	Upgrade?
90 - 120	40 / 20	13943-2-40 / 13943-8-20	-	Dual stage MCU only
100 - 140	50 / 30	13943-2-50 / 13943-8-30	SK-V94S	
120 - 160	60 / 40	13943-2-60 / 13943-8-40	SK-V94M	
140 - 180	70 / 50	13943-2-70 / 13943-8-50	SK-V94H	
160 - 200	80 / 60	13943-2-80 / 13943-8-60	SK-V94E	
200 +	90 / 70	13943-2-90 / 13943-8-70	-	

1994

954*, 854, 754, 554, 454, Arcadia (Sizes 16", 18", 20") - 454 and Arcadia Must upgrade to Dual Stage

Rider Weight (lbs)	Spring Rate (top/bot)	Part Number(s)	Kit Available?	Upgrade?
90 - 130	20 / 40 (16" - 30/40)	13943-2-20 / 13943-2-40	SKDS	Dual Stage MCU for 454 and Arcadia
120 - 160	30 / 50 (18") (16" 954)	13943-2-30 / 13943-2-50	SKDM	
150 - 190	40 / 60 (20" - 40/50)(18" 954)	13943-2-40 / 13943-2-60	SKDH	
180 - 220	50 / 70 (20" 954)	13943-2-50 / 13943-2-70	SKDE	

* 954 - harder MCU goes on top

954, 854, 754, 554, 454, Arcadia (Size 14") and 254, Newport (all sizes)

90 - 120	20	13943-2-20	no	None - 1 MCU only
100 - 140	30 (14")	13943-2-30		
120 - 160	40	13943-2-40		
140 - 180	50	13943-2-50		
160 - 200	60	13943-2-60		
200 +	70	13943-2-70		

Vector Fork - 954, 854 - Vector fork has black steel stem

90 - 120	40 / 20	13943-2-40 / 13943-8-20	-	Dual stage MCU only
100 - 140	50 / 30	13943-2-50 / 13943-8-30	SK-V94S	
120 - 160	60 / 40	13943-2-60 / 13943-8-40	SK-V94M	
140 - 180	70 / 50	13943-2-70 / 13943-8-50	SK-V94H	
160 - 200	80 / 60	13943-2-80 / 13943-8-60	SK-V94E	
200 +	90 / 70	13943-2-90 / 13943-8-70	-	

1995

955, 855, 755 WC, Animal (all sizes) - Dual Stage friction-damped MCU Rear

Rider Weight (lbs)	Spring Rate (top/bottom)	Part Number(s)	Kit Available?	Compatibility / Upgrade?
90 - 120	80/60 (14)	13943-2-80 / 13943-2-60	no	NR-1 (2056), NR-2 (2066), NR-4 (2151) (14" NR-1 (2046) or NR-2 (2061) only) also ODS MCU Rear (see 1996 956)
100 - 140	90/70 (16)	13943-2-90 / 13943-2-70		
120 - 160	100/80 (18)	13943-2-100 / 13943-2-80		
140 - 180	110/90 (20)	13943-2-120 / 13943-2-100		
160 - 200	120/100	13943-2-140 / 13943-2-120		
200 +	160/140	13943-2-160 / 13943-2-140		(95 models will need new strut - part # - 14784) for coil spring chart - see 1997 957

755 non-WC, Attack, 555, 455, Arcadia (Sizes 16, 18, 20 only)

Rider Weight (lbs)	755 non-WC	455, 555, Attack	Arcadia	Part Number(s)	Kit Available?	Compatibility / Upgrade?
90 - 120	10/30 (14 - 40)	30/50	20/40	13943-2-x / 13943-2-x	no	none - MCU only
100 - 140	20/40 (16 - 30/50)	40/60	30/50	13943-2-x / 13943-2-x		
120 - 160	40/60 (18 - 40/50)	50/70	40/60	13943-2-x / 13943-2-x		
140 - 180	50/70 (20 - 50/60)	60/80	50/70	13943-2-x / 13943-2-x		
160 - 200	60/80	80/100	60/80	13943-2-x / 13943-2-x		
200 +	70/90	100/120	70/90	13943-2-x / 13943-2-x		

755 non-WC, Attack, 555, 455, Arcadia (14" only), Newport (all sizes),

Rider Weight (lbs)	Spring Rate (top/bottom)	Part Number(s)	Kit Available?	Compatibility / Upgrade?
90 - 120	30	13943-2-30	no	none - MCU only
100 - 140	40	13943-2-40		
120 - 160	50	13943-2-50		
140 - 180	60	13943-2-60		
160 - 200	70	13943-2-70		
200 +	80	13943-2-80		

Vector 2 Fork - 955, 855 (dual-stage friction-damped MCU front shock) - Vector 2 fork has silver aluminium dedicated stem

Rider Weight (lbs)	Spring Rate (top/bottom)	Part Number(s)	Kit Available?	Compatibility / Upgrade?
90 - 120	40 / 20	13943-2-40 / 13943-8-20	no	NR-1 Retro (2176), NR-2 Retro (2171) - see Cross-Link coil spring chart also ODS MCU Front
100 - 140	50 / 30 (14)	13943-2-50 / 13943-8-30		
120 - 160	60 / 40 (16, 18)	13943-2-60 / 13943-8-40		
140 - 180	70 / 50 (20)	13943-2-70 / 13943-8-50		
160 - 200	80 / 60	13943-2-80 / 13943-8-60		
200 +	90 / 70	13943-2-90 / 13943-8-70		

Vector Fork - Animal, 755 WC, 755 (friction-damped MCU front shock - dual stage upgraded) - Vector fork has black steel dedicated stem

Rider Weight (lbs)	Spring Rate (top/bottom)	Part Number(s)	Kit Available?	Compatibility / Upgrade?
90 - 120	40 / 20	13943-2-40 / 13943-8-20	-	Dual stage MCU only
100 - 140	50 / 30	13943-2-50 / 13943-8-30	SK-V94S	
120 - 160	60 / 40	13943-2-60 / 13943-8-40	SK-V94M	
140 - 180	70 / 50	13943-2-70 / 13943-8-50	SK-V94H	
160 - 200	80 / 60	13943-2-80 / 13943-8-60	SK-V94E	
200 +	90 / 70	13943-2-90 / 13943-8-70	-	

1996

956LE, 956, 856, Animal, Beast (all sizes) - ODS MCU Rear shock

Rider Weight (lbs)	Spring Rate (top/bot)	Part Number(s)	Kit Available?	Compatibility / Upgrade?
90 - 120	80 / 60	13943-12-80 / 13943-2-60	no	NR-1 (2056), NR-2 (2066), NR-4 (2151)
100 - 140	90 / 70 (14)	13943-12-90 / 13943-2-70		(14" NR-1 (2046) or NR-2 (2061) only)
120 - 160	100 / 80 (16)	13943-12-100 / 13943-2-80		for coil spring chart - see 1997 957
140 - 180	120 / 100 (18)	13943-12-120 / 13943-2-100		
160 - 200	140 / 120 (20 - 130/110)	13943-12-140 / 13943-2-120		
200 +	160 / 140	13943-12-160 / 13943-2-140		

756 Non-ODS (friction-damped) rear shock - (all sizes)

90 - 120	80/60 (14)	13943-2-80 / 13943-2-60	no	NR-1 (2056), NR-2 (2066), NR-4 (2151)
100 - 140	90/70 (16)	13943-2-90 / 13943-2-70		(14" NR-1 (2046) or NR-2 (2061) only)
120 - 160	100/80 (18)	13943-2-100 / 13943-2-80		for coil spring chart - see 1997 957
140 - 180	120/100 (20 - 90/110)	13943-2-120 / 13943-2-100		
160 - 200	140/120	13943-2-140 / 13943-2-120		
200 +	160/140	13943-2-160 / 13943-2-140		

656 (all sizes)

90 - 120	70/90 (14)	13943-2-70 / 13943-2-90	no	none - MCU only
100 - 140	80/100 (16)	13943-2-80 / 13943-2-100		
120 - 160	100/120 (18 - 110/90)	13943-2-100 / 13943-2-120		
140 - 180	120/140 (20 - 130/110)	13943-2-120 / 13943-2-140		
160 - 200	140/160	13943-2-140 / 13943-2-160		
200 +	150/170	13943-2-150 / 13943-2-170		

Attack LE, Attack (all sizes)

90 - 120	30/50 (14 - 20/40)	13943-2-30 / 13943-2-50	no	none - MCU only
100 - 140	40/60 (16)	13943-2-40 / 13943-2-60		
120 - 160	50/70 (18)	13943-2-50 / 13943-2-70		
140 - 180	60/80 (20)	13943-2-60 / 13943-2-80		
160 - 200	80/100	13943-2-80 / 13943-2-100		
200 +	100/120	13943-2-100 / 13943-2-120		

Girvin AL / CL Fork - 956LE, 956, 856, Animal, Beast - ODS MCU front shock

90 - 120	50 / 30	13943-11-50 / 13943-2-30	no	NR-1 Retro (2176), NR-2 Retro (2171) - see Cross-Link coil spring chart
100 - 140	60 / 40 (14)	13943-11-60 / 13943-2-40		
120 - 160	70 / 50 (16)	13943-11-70 / 13943-2-50		
140 - 180	80 / 60 (18)	13943-11-80 / 13943-2-60		
160 - 200	90 / 70 (20)	13943-11-90 / 13943-2-70		
200 +	100 / 80	13943-11-100 / 13943-2-80		

Vector 2 Fork - 756, 656 (756 had ULM, 656 had dedicated stem)

90 - 120	40 / 20	13943-2-40 / 13943-8-20	no	NR-1 Retro (2176), NR-2 Retro (2171) - see Cross-Link coil spring chart
100 - 140	50 / 30 (14)	13943-2-50 / 13943-8-30		
120 - 160	60 / 40 (16, 18)	13943-2-60 / 13943-8-40		
140 - 180	70 / 50 (20)	13943-2-70 / 13943-8-50		
160 - 200	80 / 60	13943-2-80 / 13943-8-60		
200 +	90 / 70	13943-2-90 / 13943-8-70		

1997

Rider Weight (lbs)	Spring Rate	Part Number(s)	Kit Available?	Compatibility / Upgrade?
957, 857, 757, Animal, Beast, Beast GDT, 657 (all sizes)				
up to 140	200	NB2-200X*	no	NR-1, NR-2, NR-4 (NR1-PRO97, NR2-PRO97, NR4-PRO97)
130-170	250 (SM)	NB2-250X		(14" NR-1 or NR-2)
160-200	300 (MD, LG)	NB2-300X		
190-230	350 (WB)	NB2-350X		
230 +	400	NB2-400X		
*Note: "X" after spring rate represents color of spring: B (black, R (red), Y (yellow)				
Reptile, Attack (all sizes) - higher number on top				
90 - 120	80 / 60	13943-2-80 / 13943-2-60	no	no
100 - 140	90 / 70 (SM)	13943-2-90 / 13943-2-70		
120 - 160	100 / 80 (MD)	13943-2-100 / 13943-2-80		
140 - 180	120 / 100 (LG - 110/90)	13943-2-120 / 13943-2-100		
160 - 200	140 / 120 (WB - 130/110)	13943-2-140 / 13943-2-120		
200 +	160 / 140	13943-2-160 / 13943-2-140		
Girvin Cross-Link -- Pro Carbon - 957, Elite - 857, Expert - 757 (also Reptile Way-Big - this fork used special MCU springs)				
up to 140	150	NB2-175X	no	NR-1 (2001 Std., 2011 Long), NR-2 (2026 Std., 2021 Long)
130-170	175	NB2-200X		
160-200	200 (SM, MD, LG, AM Std)	NB2-200X		
190-230	225 (WB, AM Long)	NB2-225X		
over 230	250	NB2-230X		
Girvin Chubby - Animal, Beast				
up to 140	3 Blue, 3 Tan	M5FR6-2315-000 / M5FR6-2312-000	no	none
130-170	1 Blue, 5 Tan	M5FR6-2315-000 / M5FR6-2312-000		
160-200	6 Tan (OE & AM)	M5FR6-2312-000		
190-230	5 Tan, 1 Pink	M5FR6-2312-000 / M5FR5-2317-000		
over 230	4 Tan, 2 Pink	M5FR6-2312-000 / M5FR5-2317-000		
Girvin AL Fork - 657 (NOTE: non-ODS shock on Reptile - see chart for Vector 2 in 1996)				
90 - 120	50 / 30	13943-11-50 / 13943-2-30	no	NR-1 Retro (2176), NR-2 Retro (2171) - see Cross-Link coil spring chart
100 - 140	60 / 40	13943-11-60 / 13943-2-40	-	also ODS MCU Front
120 - 160	70 / 50	13943-11-70 / 13943-2-50		
140 - 180	80 / 60	13943-11-80 / 13943-2-60		
160 - 200	90 / 70	13943-11-90 / 13943-2-70		
200 +	100 / 80	13943-11-100 / 13943-2-80		

***NOTE: 1997 Reptile Way-Big comes with a Cross-Link fork with a non-hydraulic, MCU sprung shock. The MCUs used on this fork are different than the standard MCUs and are available in three stiffnesses: Red - soft (15115-01-S), Tan - medium (15115-01-M), Blue - firm (15115-01-H).**

1998

Rider Weight (lbs) Spring Rate Part Number(s) Kit Available? Compatibility / Upgrade?

5500, 5000, 4500, 4000SE, 4000

up to 140	350 (SM)	NB175-350X*	no	NR-4, Smart Shock
130-170	500 (MD - 400)	NB175-500X		
160-200	550 (LG - 500)	NB175-550X		
190-230	600 (WB)	NB175-600X		
230 +	650	NB175-650X		

*Note: "X" after spring rate represents color of spring: **B** (black, **R** (red), **Y** (yellow)

3000, 2000, 1000

up to 140	200	NB2-200X	no	NR-1, NR-2, NR-4 (14" NR-1 or NR-2)
130-170	250 (SM)	NB2-250X		
160-200	300 (MD, LG)	NB2-300X		
190-230	350 (WB)	NB2-350X		
230 +	400	NB2-400X		

Animal, Beast, Animal DH*

up to 140	550 (SM)	NB175-550X	no	NR-2, Smart Shock DH - NR-4 only
130-170	600 (MD) (DH - SM)	NB175-600X		
160-200	650 (LG) (DH - MD)	NB175-650X		
190-230	700	NB175-700X		
230 +	750 (WB)	NB175-750X		

* Animal DH uses a 2" stroke rear shock and uses NB2 springs - NOT NB175 springs

Noleen Cross-Link CS, C, ELT, EXP

up to 140	150	NB2L-175X	no	NR-1 (2001 Std., 2011 Long), NR-2 (2026 Std., 2021 Long) Smart Shock (2095 Std., 2100 Long)
130-170	175	NB2L-200X		
160-200	200 (SM, MD, LG, AM Std)	NB2L-200X		
190-230	225 (WB, AM Long)	NB2L-225X		
230 +	250	NB2L-250X		

Noleen Chubby / Chubby LT

Rider Weight (lbs)	Spring Rate (Chubby)	Spring Rate (Chubby LT)	Part Number(s)	Upgrade?
up to 140	3 Blue, 3 Tan	4 Blue, 4 Tan	M5FR6-2315-000 / M5FR6-2312-000	no
130-170	1 Blue, 5 Tan	2 Blue, 6 Tan (OE & AM)	M5FR6-2315-000 / M5FR6-2312-000	
160-200	6 Tan (OE & AM)	8 Tan	M5FR6-2312-000	
190-230	5 Tan, 1 Pink	7 Tan, 1 Pink	M5FR6-2312-000 / M5FR5-2317-000	
230 +	4 Tan, 2 Pink	6 Tan, 2 Pink	M5FR6-2312-000 / M5FR5-2317-000	

1999

Rider Weight (lbs)	Spring Rate	Part Number(s)	Kit Available?	Compatibility / Upgrade?
Oz M, Oz X, 4000 RS, 4000, 3000, Flyin' Monkey, 1000, 900				
up to 140	350 (SM)	NB2-350B	no	<u>NEW</u> NR-1, NR-2 (209mm eye to eye)
130-170	500 (MD - 450)	NB2-500B		
160-200	550 (LG - 500)	NB2-550B		
190-230	600 (WB)	NB2-600B		
230 +	650	NB2-650B		
Razorback RSL, Razorback RS, Razorback RSX-3		Steel Spring / Titanium Spring		
up to 140	350 / 400 (SM - 400)*	16115-350 (or 400) / 2263, 2264	no	NR-2 Pull-shock, Noleen Mega Air Pull-shock
130-170	450 (MD)*	16115-450 / 2265		
160-200	500 (LG)*	16115-500 / 2266		
190-230	550 (WB)*	16115-550 / 2267		
230 +	600	16115-600 / 2268		
* Note: SM/MD frames use a slightly stiffer spring per a given rider weight due to a higher leverage ratio.				
Zero-G frame				
up to 140	550	NB2-550B	no	NR-4 DH only (301mm eye to eye)
130-170	600 (SM)	NB2-600B		
160-200	650 (MD)	NB2-650B		
190-230	700	NB2-700B		
230 +	750	NB2-750B		
Noleen Cross-Link CS, C, ELT, EXP				
up to 140	150	NB2L-175X	no	NR-1 (2001 Std., 2011 Long), NR-2 (2026 Std., 2021 Long)
130-170	175	NB2L-200X		Smart Shock (2095 Std., 2100 Long)
160-200	200 (SM, MD, LG, AM Std)	NB2L-200X		
190-230	225 (WB, AM Long)	NB2L-225X		
230 +	250	NB2L-250X		
K2 Smart Fork				
Rider Weight (lbs)	Spring Rate	Part Number(s)	Upgrade?	
up to 140	Yellow (55)	16202-1	no	None
130-170	Yellow (55) - increase preload	16202-1		
160-200	Red (65) (OE & AM)	16202-2		
190-230	Blue (75)	16202-3		
230 +	Blue (75) - increase preload	16202-3		

2000

Frame Size	Spring Rate / PSI	Part Number(s)	Kit Available?	Compatibility / Upgrade?
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Razorback RSL, Razorback RS, Razorback RSX

Small	Body weight minus 25-30 lbs* -		no	NR-2 Pull-shock
Medium	Body weight minus 25-30 lbs* -			
Large	Body weight minus 35-40 lbs -			
Way-Big	Body weight minus 35-40 lbs -			

Example: A 185lb rider on a Large frame should pressurize the Mega Air rear shock to 145-150 psi.

* Note: SM/MMD frames use a slightly higher pressure per a given rider weight due to a higher leverage ratio.

Rider Weight (lbs)	Spring Rate / PSI	Part Number(s)	Kit Available?	Compatibility / Upgrade?
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EVO 4.0, EVO 3.0, Disco Monkey, EVO 2.0

up to 140	450 (SM)	16115-450	no	<u>NEW</u> NR-1, NR-2 (209mm eye to eye)
130-170	500	16115-500		
160-200	550 (MD)	16115-550		
190-230	600 (LG)	16115-600		
230 +	650 (WB)	16115-650		

Attack 3.0, Attack 2.0

up to 140	500 - 550 (SM - 550)	16115-500 (or 550)*	no	Noleen Sport, Noleen Sport Adj. (165mm eye to eye)
130-170	600 (MD)	16115-600*		
160-200	650 (LG)	16115-650*		
190-230	700 (WB)	16115-700*		
230 +	750	16115-750*		

*Note: This frame uses a 1.5" stroke shock but will also accept a 1.75" (NB175) or 2" (NB2, 16115-x) stroke spring.

Noleen Mega Air fork

Rider Weight (lbs)	Spring Rate	Part Number(s)	Upgrade?
up to 140	45 - 50 psi	-	no
130-170	55 psi	-	Long Travel 100mm - #K007001
160-200	65 psi	-	
190-230	70 psi	-	
230 +	75 psi	-	

K2 Smart Fork

Rider Weight (lbs)	Spring Rate	Part Number(s)	Upgrade?
up to 140	Yellow (55)	16202-1	no
130-170	Yellow (55) - increase preload	16202-1	None
160-200	Red (65) (OE & AM)	16202-2	
190-230	Blue (75)	16202-3	
230 +	Blue (75) - increase preload	16202-3	