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!**

Tech Force

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)

90 - 120	20	13943-2-20	no	Single MCU (single 13943 - 2 - x) only
100 - 140	30	13943-2-30		Need parts: 13941, 13942-7, 13942-9, 13979 (4 of these), 13718, 13717
120 - 160	40	13943-2-40		(one of each) to upgrade to a -2 MCU
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)

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

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)
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		also ODS MCU Rear (see 1996 956)
140 - 180	110/90 (20)	13943-2-120 / 13943-2-100		
160 - 200	120/100	13943-2-140 / 13943-2-120		(95 models will need new strut - part # - 14784)
200 +	160/140	13943-2-160 / 13943-2-140		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

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		also ODS MCU Front
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

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		
140 - 180	120 / 100 (18)	13943-12-120 / 13943-2-100		for coil spring chart - see 1997 957
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		
140 - 180	120/100 (20 - 90/110)	13943-2-120 / 13943-2-100		for coil spring chart - see 1997 957
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		
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: "X" after spring rate represents color of spring: B** (black, **R** (red), **Y** (yellow)

***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

5500, 5000, 4500, 4000SE, 4000

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

Animal, Beast, Animal DH*

up to 140	550 (SM)	NB175-550X	no	NR-2, Smart Shock
130-170	600 (MD) (DH - SM)	NB175-600X		DH - NR-4 only
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)
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		

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	NEW 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?
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/MD 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?
EVO 4.0, EVO 3.0, Disco Monkey, EVO 2.0				
up to 140	450 (SM)	16115-450	no	NEW 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	Long Travel 100mm - #K007001
130-170	55 psi	-		
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	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		