

SUSPENSION CARD

SUSPENSION DEFINITIONS:

TRAVEL: Distance that the rear axle travels as suspension is actuated

STROKE: Distance the piston travels as suspension is actuated

SAG: Percent of total travel utilized under the weight of the rider

SPRING: Amount of air pressure pumped into main spring to determine Preload / On coil shocks, actual coil spring is used and preload is adjusted by turning preload adjuster

REBOUND: (Rebound Damping) Adjusting speed at which suspension returns to extended position

SPV: (Stable Platform Valve) Changes in air pressure tunes the amount of rider and pedal forces the shock isolates

MANUAL SPV: Lets the rider make small adjustments to SPV damping without need for tools, 4 positions for more or less SPV

MOTION CONTROL: Manual adjustment of efficiency to isolate unwanted suspension movement

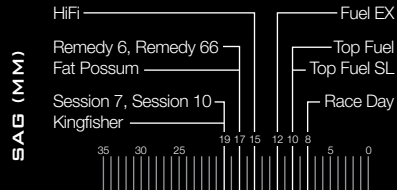
PLATFORM PLUS: Dial on the Split RPA that allows the rider to set the amount of pedaling efficiency

PROPEDAL: Affects the first part of the compression stroke to reduce pedal induced suspension movement

BOOST VALVE: A position sensitive damping scheme that allows seamless transition from ProPedal to bump absorption (75-200psi range)

TREK

GARY FISHER



	Race			Trail		All-Mountain					Freeride									
	Top Fuel	Top Fuel SL	Race Day	Fuel EX	HiFi	Remedy 6	Remedy 66	Fat Possum	Session 7			Kingfisher			Session 10					
Travel (mm)	90	90	76	120	116	150	150	150	180			180			254					
Stroke (mm)	38	38	38	50	50	57	57	57	63.5			63.5			89					
Sag (%)	25	25	20	25	30	30	30	30	30			30			30					
Sag (mm)	10	10	8	12	15	17	17	17	19			19			27					
Rider (lbs / kg)	Spring (psi)	Spring (psi)	SPV (-50%)	Spring (psi)	Spring (psi)	Spring (psi)	SPV (-50%)	Spring (psi)	SPV	Spring (-60%)	SPV (-50%)	Spring	SPV	Manual SPV	Spring	Pro Pedal	Boost Valve	Spring	SPV	Manual SPV
100 / 45	58	70	50	20	50	75	75	50	75	Tune SPV With Lever	70	50	Manually Adjust Coil Spring	100	No-Tools SPV Adjust - Position 2	Manually Adjust Coil Spring	7 Clicks From Fully Open	Manually Adjust Coil Spring	100	No-Tools SPV Adjust - Position 2
110 / 50	64	77	55	25	60	83	80	55	80		77	55		100					100	
120 / 55	70	85	60	30	70	90	90	60	90		84	60		100					100	
130 / 59	75	90	65	40	80	98	100	65	100		91	65		100					100	
140 / 63	80	98	70	50	90	105	105	70	105		98	70		100					100	
150 / 68	87	105	75	60	100	113	110	75	110		105	75		100					100	
160 / 73	93	112	80	70	110	120	120	80	120		112	80		100					100	
170 / 77	100	120	85	80	120	128	130	85	130		119	85		100					100	
180 / 82	105	125	90	90	130	135	135	90	135		126	90		100					100	
190 / 86	110	133	95	100	135	143	140	95	140		133	95		100					100	
200 / 90	115	140	100	105	145	150	150	100	150	140	100	100	100							
210 / 95	122	147	105	115	160	158	160	105	160	147	105	100	100							
220 / 100	130	155	110	120	165	165	165	110	165	154	110	100	100							
230 / 104	135	161	115	125	175	173	175	115	175	161	115	100	100							
240 / 109	140	168	120	130	185	180	180	120	180	168	120	100	100							
250 / 113	145	175	125	135	195	188	185	125	185	175	125	100	100							
Rebound	15 clicks from slow	8 clicks from slow	12 clicks from fast	6 clicks from slow	10 clicks from fast	12 clicks from fast	6 clicks from slow	10-12 clicks from slow	6-10 clicks from slow	10-12 clicks from slow										

SUSPENSION CARD

