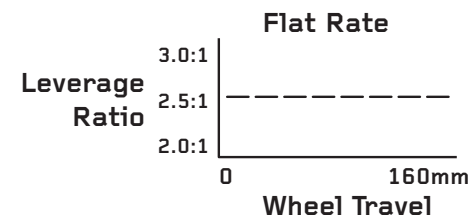
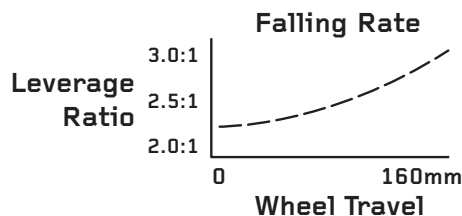
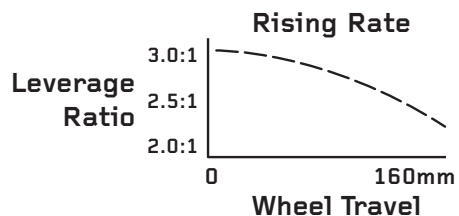


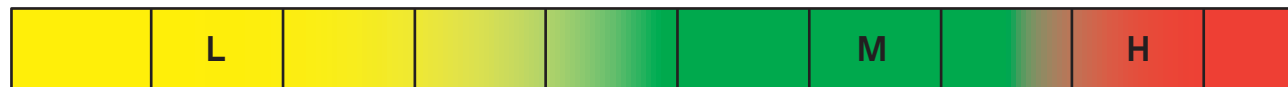
Compression Tune Reference Chart

This guide is designed to help bicycle manufacturers determine which tune will work best with their bicycle design. The different tunes are designed to work with different bicycle leverage ratios. The letters L (Low leverage), M (Medium leverage), and H (High Leverage) refer to the overall leverage ratio of the bicycle.

$$\text{Leverage Ratio} = \frac{\text{Wheel Travel}}{\text{Shock Travel}}$$



Rising Rate
Tune Guide



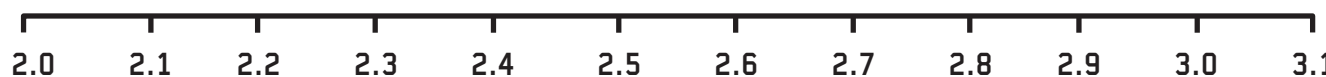
Falling Rate
Tune Guide



Flat Rate
Tune Guide



Leverage Ratio



L = Low Leverage Ratio
M = Mid Leverage Ratio
H = High Leverage Ratio

RockShox Monarch Tune Guide

Rear Wheel Travel

80mm 90mm 100mm 110mm 120mm 130mm 140mm 150mm 160mm

**Rear Shock
Stroke**

**Leverage Ratio =
Rear Wheel Travel
Rear Shock Stroke**

38mm / 1.5"	2.11	2.37	2.63	2.89	3.16	3.42	3.68	3.95	4.21
44mm / 1.75"	1.82	2.05	2.27	2.50	2.73	2.95	3.18	3.41	3.64
50mm / 2"	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20
57mm / 2.25"	1.40	1.58	1.75	1.93	2.11	2.28	2.46	2.63	2.81
63.5mm / 2.5"	1.26	1.42	1.57	1.73	1.89	2.05	2.20	2.36	2.52

Low Compression Tune

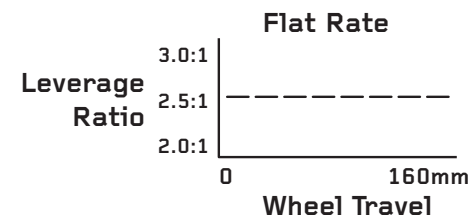
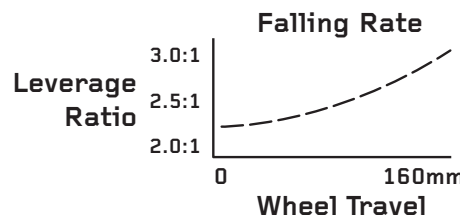
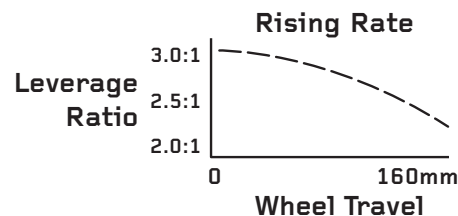
Medium Compression Tune

High Compression Tune

Compression Tune Reference Chart

This guide is designed to help bicycle manufacturers determine which tune will work best with their bicycle design. The different tunes are designed to work with different bicycle leverage ratios. The letters L, M, and H refer to the overall leverage ratio of the bicycle. L, M, and H are platform tunes, while L3, M3, and H3 are progressive compression tunes.

$$\text{Leverage Ratio} = \frac{\text{Wheel Travel}}{\text{Shock Travel}}$$



Rising Rate
Tune Guide



Falling Rate
Tune Guide



Flat Rate
Tune Guide



Leverage Ratio



L = Low Leverage Ratio
M = Mid Leverage Ratio
H = High Leverage Ratio

RockShox Vivid/Vivid
Air Tune Guide

Rear Wheel Travel

140mm 150mm 160mm 170mm 180mm 190mm 200mm 210mm 220mm

Rear Shock
Stroke

50mm / 2"	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
57mm / 2.25"	2.46	2.63	2.81	2.98	3.16	3.33	3.51	3.68	3.86
63.5mm / 2.5"	2.20	2.36	2.52	2.68	2.83	2.99	3.15	3.31	3.46
70mm / 2.75"	2.00	2.14	2.29	2.43	2.57	2.71	2.86	3.00	3.14
76mm / 3"	1.84	1.97	2.11	2.24	2.37	2.50	2.63	2.76	2.89

Leverage Ratio=
Rear Wheel Travel
Rear Shock Stroke

Low Compression Tune

Medium Compression Tune

High Compression Tune

**RockShox Monarch Plus
Tune Guide**

Rear Wheel Travel

110mm 120mm 130mm 140mm 150mm 160mm 170mm

**Rear
Shock
Stroke**

50mm / 2"

2.20 2.40 2.60 2.80 3.00 3.20 3.40

57mm / 2.25"

1.93 2.11 2.28 2.46 2.63 2.81 2.98

63.5mm / 2.5"

1.73 1.89 2.05 2.20 2.36 2.52 2.68

66mm / 2.6"

1.67 1.82 1.97 2.12 2.27 2.42 2.58

Low Compression Tune

Medium Compression Tune

High Compression Tune

Leverage Ratio=
Rear Wheel Travel
Rear Shock Stroke