

# **MTB TECHNICAL INFORMATION**

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2018 • Ridley-Bikes • ENG • English



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# 1. FRONTFORK AND SHOCK PRESSURE

## 1.1. ELYKX TESTBIKES WITH SUNTOUR AION FORK

Suspension fork SR Suntour Aion

RIDER'S WEIGHT KG	FORK PRESSURE PSI
UP TO 54	35-50
55-64	50-60
65-73	60-75
74-82	75-90
83-91	90-105
FROM 92	105-150

## 1.2. SUNTOUR RAIDON

Suspension fork SR Suntour Raidon

RIDER'S WEIGHT KG	FORK PRESSURE PSI
UP TO 54	40-55
55-64	55-70
65-73	70-85
74-82	85-100
83-91	100-115
FROM 92	115-180

## 1.3. SUNTOUR Q-LOC

Below link shows how SR Suntour Q Loc works



<https://www.youtube.com/watch?v=U8lqJD34Ky0>



#### 1.4. SABLO FOX FRONTFORK

SUGGESTED STARTING POINTS FOR SETTING SAG		
RIDER'S WEIGHT (IBS)	RIDER'S WEIGHT (KG)	FLOAT & RHYTHM PRESSURE (PSI)
120-130	54-59	65
130-140	59-64	70
140-150	64-68	74
150-160	68-73	80
160-170	73-77	85
170-180	77-82	90
180-190	82-86	96
190-200	86-91	101
200-210	91-95	106
210-220	95-100	111
220-230	100-104	117
230-240	104-109	122
240-250	109-113	126

#### 1.5. SABLO FOX REAR SHOCK

**Note:** Switch Lever to Open mode before setting up the right pressure

Weight in kg divided by 0,45 So  $72\text{kg}/0,45 = 160\text{ psi}$

Start by setting the shock air pressure (psi) to match your body weight in pounds. With the air pump attached to the shock valve, slowly cycle your shock through 25% of its travel 10 times as you reach your desired pressure. This will equalize the positive and negative air chambers and will change the pressure on the pump gauge.

In below tabel you can find advised rebound belonging tot his pressure

**REBOUND**

Rebound controls the rate of speed at which the shock extends after compressing.

AS Pressure (psi)	Recommended Rebound Setting
<math>120-130</math>	9
130-140	10
140-150	9
150-160	8
160-170	7
170-180	6
180-190	5
190-200	4
200-210	3
210-220	2
220-230	1
230-240	0
240-250	0

OPEN (Least amount of rebound damping, shock rebounds FASTEST)

CLOSED (Highest amount of rebound damping, shock rebounds SLOWEST)

FIRM MEDIUM OPEN