manitou

MAGNUM PRO SETUP GUIDE

Spring Adjustment	Rider Weight		Spring Pressure PSI [BAR]		
	LBS	KG	110mm	120mm	140mm
	>220	>100	104-115 [7.2-7.9]	90-110 [6.2-7.6]	94-105 [6.5-7.2]
	200-220	91-100	90-105[6.2-7.2]	85-100[5.9-6.9]	80-94 [5.5-6.5]
	170-200	77-91	78-90 [5.4-6.2]	73-85 [5-5.9]	68-80 [4.7-5.5]
	140-170	64-77	64-78 [4.4-5.4]	59-73 [4-5]	54-68 [3.7-4.7]
	120-140	55-64	56-64 [3.9-4.4]	51-59 [3.5-4]	46-54 [3.2-3.7]

Set-Up Notes

- Max pressure not to exceed 120 PSI [8.3 BAR].
- Fork should be unweighted when adjusting air pressure, inverted recommended.
- Static sag should be 15-25% See owners manual for sag measurement procedure.
- Fork should be at full travel before detaching pump.

- **Dial it in! Tuning definitions:**
  Enduro (EN): Emphasis on Gravity.
  Trail (TR): Moderate speeds, efficient and compliant

Damping Adjustment	Functional Description		Adjustment Clicks [Open - Closed]	Enduro Tuning	Trail Tuning
TPC REBOUND	Controls speed at which the wheel returns to sagged position after compression event.		- + MIN 9 - 0 MAX	8-5	6 - 3
			• Rebound speed is dependent on air spring pressure. Recommended settings are for an average rider (170 LBS [77KG]). Rebound setting will vary for different rider weights and / or spring pressures.		
IPA (INCREMENTAL PLATFORM ADJUST)	Sets the Pedal Platform achieved when Low Speed is at MAX. Controls unsprung chassis over square edge bumps at higher velocity.		- + MIN 5 - 0 MAX	3-0	3-1
			• Pedaling platform is achieved by maxing out the Low-Speed compression adjuster and increasing the IPA adjuster. • For AM riding, the IPA adjuster should be set with the Low-Speed adjuster maxed out and then increase the IPA adjuster until desired pedaling platform is reached. IPA is a "set and forget" adjustment.		
LO SPEED	Controls damping for sprung chassis movement; pedaling, pumping, berms, G-Out, etc.		- + MIN 4 - 0 MAX		
			• The Low-Speed adjuster is 1/4 turn "on-the-fly"; when the IPA adjuster is appropriately set the LS adjuster may be used actively during different trail segments (climb, flat, descend). • For Enduro riding, it may be desirable to decrease the IPA adjustment further to increase small bump sensitivity.		
BOTTOM OUT	Controls damping force for deep travel sprung chassis movement; jumps, drops, etc.		- + MIN 5 - 0 MAX	Initially set at MIN (5) Increase incrementally until bottom-less	
			• HBO controls the damping during the final 30mm of travel. Adjustments may not clearly be felt without fully compressing the fork at higher speeds. • HBO should be initially set at MIN (5) then increased incrementally until there is no noticeable bottom-out. When set properly, the fork will use 99% of the travel without noticeable bottom-out.		