

**Rekluse Motor Sports
z-Start Pro Tuning Chart
Yamaha YZ450F '05-'08; WR450F '07-'08
Suzuki RMZ450 '08**

198-873
Manual Revision: 061708

Engagement RPM	Engagement Rate	Spring(s)	Balls
LOW	Hard	C150L4	27
	Soft	C150L4	24
MEDIUM*	HARD*	C200L5 & C150L4	27
	Soft	C200L5 & C150L4	24
HIGH	Hard	C200L7 & C150L4	27
	Soft	C200L7 & C150L4	24

***- Medium/Hard is the recommended initial setting.**

Important Tuning Tip: Idle setting is a *critical* component in tuning your z-Start Pro. Setting your idle speed *at or slightly above* your Engagement RPM will yield engine braking close to stock. Setting your idle speed *below* your Engagement RPM will yield more of a freewheeling effect.

Notes:

- Empty ball slots *must* be evenly spaced around the pressure plate
- The pattern for the 24 ball setup is 8 balls followed by 1 empty slot

Definition of Terms

Engagement RPM Low, Medium, High	Refers to the engagement <i>RPM</i> of the clutch, i.e. the RPM at which the clutch starts to engage and move the bike forward. Low gives an engagement point at or below a normal engine idle speed. High raises the engagement point to above a normal engine idle speed. <i>In general</i> , off-road riders prefer a low-to-medium engagement RPM, while motocross riders prefer a medium-to-high engagement RPM.
Engagement Rate Hard, Soft	Refers to the engagement <i>rate</i> of the clutch. Hard gives full clutch lockup more quickly than Soft and therefore makes the bike feel more snappy. To maximize clutch plate life you should use Hard settings, as Soft settings allow the clutch to slip more.