

Rekluse Motor Sports z-Start Pro Tuning Chart Honda CRF450R/CRF450X

198-813
Manual Revision: 022508

Engagement RPM	Engagement Rate	Spring(s)	Balls
LOW	Hard	C150L4	27
	Soft	C150L4	24
MEDIUM*	HARD*	C200L3 & C150L4	27
	Soft	C200L3 & C150L4	24
HIGH	Hard	C200L3 & C150M3	27
	Soft	C200L3 & C150M3	24

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

NOTE: 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.

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.

Definition of Terms	
Engagement RPM Low, Medium, High	Refers to the engagement RPM 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. In general , 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 rate of the clutch. Hard gives full clutch lockup more quickly than Soft and therefore makes the bike feel more snappy. Hard is recommended for beginning to experienced riders. To maximize clutch plate life you should use Hard settings, as Soft settings allow the clutch to slip more. Soft is recommended for experienced riders only.