

Rekluse Motor Sports z-Start Pro Tuning Chart KTM 250 SX-F/XC-F (see following page for XCF-W)

198-838
Manual Revision: 102910

Engagement RPM	Engagement Rate	Spring(s)	Balls
LOW	Hard	C200L5	30
	Soft	C200L5	27
MEDIUM*	HARD*	C200L6	30
	Soft	C200L6	27
HIGH	Hard	C200M3	30
	Soft	C200M3	27

***- 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 **27 ball setup** is **9 balls followed by 1 empty slot**.
- **Customers with 315cc big bore kits:** we recommend that you purchase an RMS251 Tungsten Carbide (TC) ball kit to eliminate excess slip from the increased torque your motorcycle is making at low engine speeds.
- To distinguish between steel balls and the heavier TC balls use a low powered magnet (magnetic screwdriver works well). With a low powered magnet, the TC balls do not seem magnetic.

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. To maximize clutch plate life you should use Hard settings, as Soft settings allow the clutch to slip more.

Rekluse Motor Sports z-Start Pro Tuning Chart KTM 250 XCF-W

198-838

Manual Revision: 102810

Engagement RPM	Engagement Rate	Spring(s)	Balls
LOW	Hard	C200L3	27
	Soft	C200L3	24
MEDIUM*	HARD*	C200L4	27
	Soft	C200L4	24
HIGH	Hard	C200L5	27
	Soft	C200L5	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 **27 ball setup** is **9 balls followed by 1 empty slot**.
- **Customers with 315cc big bore kits:** we recommend that you purchase an RMS251 Tungsten Carbide (TC) ball kit to eliminate excess slip from the increased torque your motorcycle is making at low engine speeds.
- To distinguish between steel balls and the heavier TC balls use a low powered magnet (magnetic screwdriver works well). With a low powered magnet, the TC balls do not seem magnetic.

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. To maximize clutch plate life you should use Hard settings, as Soft settings allow the clutch to slip more.