

# Rekluse Motor Sports z-Start Pro Tuning Chart '05-'08 Yamaha YZ 125

198-258

Manual Revision: 052108

Attn. YZ 125 owners, This RMS 258 add on kit includes the necessary replacement parts for an RMS 871 kit to be installed on a 05"-08" YZ 125. Follow the installation guide included with the RMS 871 kit with the following part replacements. Be sure to use the T.O. spacer marked (015), included with RMS 258 kit. Use the oversized YZ 125 gasket included with RMS 258 kit. Follow the tuning chart on this page.

Engagement RPM	Engagement Rate	Spring(s)	Balls
LOW	Hard	C150L3	27
	Soft	C150L3	24
<b>MEDIUM*</b>	<b>HARD*</b>	<b>C150L4</b>	<b>27</b>
	Soft	C150L4	24
HIGH	Hard	C150M3	27
	Soft	C150M3	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:**

- The pattern for the **27 ball setup** is **8 balls followed by 1 empty slot / 24 ball setup** is **4 balls followed by 1 empty slot**
- Empty slots **must** be evenly spaced around the pressure plate

**Definition of Terms**

<b>Engagement RPM</b> Low, Medium, High	Refers to the engagement <b>RPM</b> 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. <b>In general</b> , off-road riders prefer a low-to-medium engagement RPM, while motocross riders prefer a medium-to-high engagement RPM.
<b>Engagement Rate</b> Hard, Soft	Refers to the engagement <b>rate</b> 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.