

**Rekluse Motor Sports  
z-Start Pro Tuning Chart  
Honda CRF250R  
'07+ Suzuki RMZ250**

198-812  
Manual Revision: 022508

| Engagement RPM | Engagement Rate | Spring(s)     | Balls     |
|----------------|-----------------|---------------|-----------|
| LOW            | Hard            | C150L3        | 30        |
|                | Soft            | C150L3        | 27        |
| <b>MEDIUM*</b> | <b>HARD*</b>    | <b>C150L4</b> | <b>30</b> |
|                | Soft            | C150L4        | 27        |
| HIGH           | Hard            | C150M4        | 30        |
|                | Soft            | C150M4        | 27        |

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

**NOTE:** 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.

**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**

|  |   |
|--|---|
| <b>Engagement RPM</b><br>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><br>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. 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.   |