

Rekluse Motor Sports z-Start Pro Tuning Chart Husaberg 390/450 FE

198-827

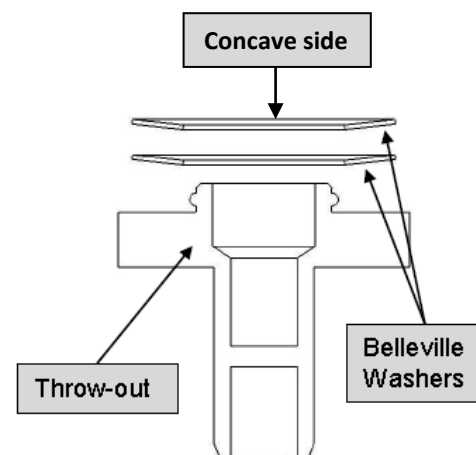
Manual Revision: 012210

Engagement RPM	Engagement Rate	Spring(s)	Balls
LOW	Hard	C200L6	24 Steel, 3 Tungsten Carbide (TC)
	Soft	C200L6	27 Steel
MEDIUM*	HARD*	C200L7	24 Steel, 3 TC
	Soft	C200L7	27 Steel
HIGH	Hard	C200M3	24 Steel, 3 TC
	Soft	C200M3	27 Steel

*- Medium/Hard is the recommended initial setting.

Notes:

- Tungsten Carbide (TC) balls **must** be evenly spaced around the pressure plate.
- The pattern for the **3 TC ball setup** is **1 TC ball followed by 8 steel balls.**
- 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.



Note: If you prefer clutch to disengage close to handlebar, install the 2 Belleville spring washers **concave up** on top of stock throwout as shown above. If you prefer clutch to disengage further from grip, do not install 2 Belleville spring washers.

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 snappier. 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 Husaberg 570 FE

198-827

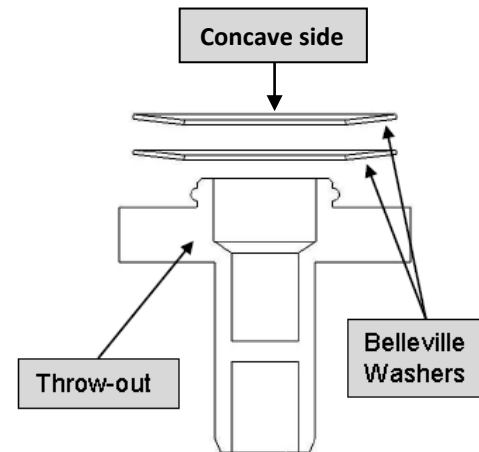
Manual Revision: 101508

Engagement RPM	Engagement Rate	Spring(s)	Balls
LOW	Hard	C200L6	21 Steel, 6 Tungsten Carbide (TC)
	Soft	C200L6	24 Steel, 3 TC
MEDIUM*	HARD*	C200L7	21 Steel, 6 TC
	Soft	C200L7	24 Steel, 3 TC
HIGH	Hard	C200M3	21 Steel, 6 TC
	Soft	C200M3	24 Steel, 3 TC

*- Medium/Hard is the recommended initial setting.

Notes:

- Tungsten Carbide (TC) balls **must** be evenly spaced around the pressure plate.
- The pattern for the **3 TC ball setup** is **1 TC ball followed by 8 steel balls.**
- The pattern for the **6 TC ball setup** is **2 TC balls followed by 7 steel balls.**
- 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.



Note: If you prefer clutch to disengage close to handlebar, install the 2 Belleville spring washers **concave up** on top of stock throwout as shown above. If you prefer clutch to disengage further from grip, do not install 2 Belleville spring washers.

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