

Put the bike on a stand with the rear tire off the ground. Measure from the axle to some point on the rear fender. Make sure your measuring points are repeatable. Take the bike off the stand and have the rider climb on fully geared up. Have the rider bounce on the pegs once or twice and sit as neutrally on the bike as they can while just holding themselves the bike steady with a toe on the stand. Measure the sag. You may want to repeat the bounce and measure thing a couple of times to make sure you have a consistent number.

That's your race or rider sag. I always aim for 95-100mm for KTM's up through 02 but others like different numbers. For 03 and newer KTM's, you should be aiming for the 115-120mm range.

If it's not at whatever number you're aiming for, you need to put more or less preload on the spring. Sometimes you can do that with the shock in place by loosening the allen bolt in the collar and turning the spring. I usually just take the shock off and use the KTM wrench to adjust it. It's only two bolts to remove the shock and it slides right out the bottom. Shock bolts torque to 44ft lbs, BTW. CAUTION: When retightening the allen bolt on the spring collar, only snug it up. Torque spec is 6-7ft lbs. It will snap if overtightened.

Once you have the rider sag set, measure the amount that the bike sags just under it's own weight. That number should be 25mm +/-10mm on the 98-02 and about 40mm on the 03 and newer. If it's not, you'll need to buy a different spring.