

Advanced suspension setup guide

(for shocks with HSC, LSC, HSR, LSR)

1. Open all damping circuits (counterclockwise)
2. Start by adding your weight in psi to the rear shock (160Lbs=160PSI). Note that every 50-80psi you add you must cycle the suspension at least 8 times through a minimum of 35% of its travel
3. Sit on the bike and stand up on the pedals and check for sag, shoot for 25-30% of the shocks total travel. Add or remove air in 10psi increments if needed, remove the shock pump while testing sag.
4. Set all damping settings to the middle of the range except low speed compression LSC, leave this fully open
5. Ride off a curb while seated to see if you bob upon landing. If you bob add 3 clicks clockwise of Low-Speed Rebound LSR, if you do not bob at all remove 3 clicks counterclockwise of LSR. Repeat this test until the bike feels right on the **verge** of bobbing.
6. Start to dial in the LSC 3 clicks at a time until you can stand and pedal hard with little bobbing , keep in mind that the more you add LSC the harsher small bumps will feel, this is a balance of bob control while aggressive pedaling and small bump smoothness, so find a balance here.
7. Now we will be adding High-Speed Compression HSC to help with large impacts. Find a large feature in which you take a hard landing while riding off. Does the bike feel like it blows right through all of it's travel to easily on flat landings, if so add 3 clicks clockwise of HSC and repeat the big feature until you feel supported on the landing. You may need to add volume spacers to the suspension if you end up having to use an excessive amount of HSC. Again, you are looking for a balance here, too much HSC will make big hits harsh, too little and you blow through your travel easily.
8. Lastly, we will set up the High-speed rebound based on the way the bike backfires/ejects the rider after a big impact feature is landed. If the bike acts like a trampoline when hitting the ground where you compressed the shock near bottom out and the bike wants to fire back out of the compressed state like a trampoline, then you need to add more High Speed Rebound HSR. If you add too much the bike will not be ready for successive hits such as fast chunder downhill sections, the balance is where the bike is on the verge of backfiring from a landing but remains planted.
9. Enjoy 😊

