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### **Setting the secondary spring crossover and coil bind point on a Radflo Coil Over**

The objective in setting the secondary spring nuts is to determine the crossover point in the shocks travel as well as to ensure that the secondary spring does not coil bind.

Hold the spring upright and start counting from the bottom. When the flat end coil comes in contact with the first coil, that's one. Count the number of turns until it touches the other flat end coil. In most cases, it won't end up on an even number. Divide the full turn into 10 units. (Number of coils = 8.5; or 9.2; or 7.8, etc.). Write this down.

With a pair of calipers, measure the wire thickness. Write this down. Multiply the wire thickness by the number of turns. This will give you the block height of the spring.

Set the damper on the work bench and slid the coil floater (long side towards the secondary nuts.) onto the shock, until it makes contact with the nuts. Place the coil cone into position on the rod end. Measure the distance between the bottom spring perch face on the floater, and the spring perch face on the coil cone. Adjust the secondary nuts until this distance is 10mm longer than the measure block height of the secondary spring.

If you find that the coil floater is too short, remove the coil cone and floater, and fit the supplied extension. Refit the floater and coil cone and take the measurement again.

Once the measurement is correct, lock the secondary nuts against each other with a "C" spanner.

Fit the primary and secondary coil springs as well as the coil cone and retaining ring.