



## 2017 KTM OEM Suspension Specifications

Model	Fork Size	Manufacturer	Fork Rate	Oil Level	Rear Spring	Race Sag	Weight	Suggestions
50 SX	32mm	Marz						KTM says 2018 will be the last year of the 2-stroke internal combustion 50SX. It will be electric in the future.
65 SX	35mm	Marz	0.30	135mm	4.0kg	90mm	75lbs ±10	We suggest a Tech-Care re-valve for racer.
85 SX	43mm	Marz	0.30	100cc	3.5kg	95mm	115lbs ±10	If you are over 125 lbs, we suggest a stiffer rear spring.
125 SX	48mm AER	WP	121 FF	325-350 cc	4.2kg	110mm	165 lbs ±10	Adjust air pressure to 2 to 3 psi. If they dive too much, increase pressure until the suspension feels rigid. Then drop pressure 2 psi. Adjust clicker until sag = 20 and rebound 10 to 12 out.
150 SX	48mm AER	WP	121 FF	325-350 cc	4.2kg	110mm	165 lbs ±10	Adjust air pressure to 2 to 3 psi. If they dive too much, increase pressure until the suspension feels rigid. Then drop pressure 2 psi. Adjust clicker until sag = 20 and rebound 10 to 12 out.
250 SX	48mm	WP	0.46	335cc	5.4kg	100mm	165lbs ±10	We suggest to go up to a .46kg fork spring if you are 165lb aggressive rider. Using a longer rear shock linkage will make bike track better. We also suggest the x-trig preload adjuster and bladder kit.
250 SXF	48mm AER	WP	140 psi	325-350 cc	4.2kg	110mm	165 lbs ±10	Forks might feel harsh with 140 psi sag. Try 130 psi for 165 lb racer. Adjust in 2 pound increments. Once you find the right pressure, focus on the clickers. Don't worry about lost pressure in forks. Push them up & down. If they feel good, go ride!
300 XC	48mm	WP	0.44	350cc	5.4kg	100mm	155lbs ±10	If you are over 165lbs, for better balance, go up to a .46kg fork spring. We suggest a shock bladder kit to take the spike out of the shock, for a smoother ride. A must for the trails, and or tight woods. Also suggest an X-Trig preload adjuster, to adjust spring preload.
300 XCW	48mm	WP	0.44	350cc	6.6kg	100mm	155lbs ±10	If you are over 165lbs, we suggest you buy a X-Trig preload adjuster! We have them in stock! Does not come from factory with a rear linkage. For better balance, go up to a .46kg, fork spring.
350 SXF	48mm	WP	0.48	380cc	5.4kg	100mm	175lbs ±10	Well balanced bike. If you are over 180 lbs, we suggest using a 5.6kg rear spring. We

								also suggest using a x-trig pre-load adjuster, and bladder kit.
<b>350 XC</b>	48mm WP		0.44	350cc	5.4kg	100mm	155lbs ±10	If you are over 165lbs, we suggest you buy a X-Trig preload adjuster! We have them in stock!
<b>450 SXF</b>	48mm WP		0.50	375cc	5.7kg	100mm	185lbs ±10	Rider over 210 lbs, use 6.0kg spring. Also use an X-Trig Worm Drive, special preload adjuster, (to avoid breaking the factory KTM nylon preload ring.)
<b>450 EXL</b>	48mm WP		0.42	110mm	7.1kg	100mm	170lbs ±10	Plush suspension, revalve for rider style.
<b>500 EXC</b>	48mm WP		0.46	350cc	7.7kg	100mm	180lbs ±10	Bike is well balanced. Heavier riders will need to increase spring rates. Does not come factory with rear linkage.
<b>505 EXW</b>	48mm WP		0.44	110mm	7.1kg	100mm	180lbs ±10	Bike is well balanced. Heavier riders will need to increase spring rates.

**KTM offers the best 450 motocross bike available. Weighing in at 222 pounds, it's 18 pounds lighter than most other 450s except for its brother, the Husqvarna motocrosser that weighs 2 pounds more. The KTM 450's air forks are even better for 2018. The Brembo brakes on this machine are the best available.**