



2009 KTM Suspension Specs

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Model	Fork Size	Manufacturer	Fork Rate	Oil Level	Rear Spring	Race Sag	Weight	Suggestions
65SX	35mm	Marzocchi	0.30	135mm	3.5kg	90mm	75lbs ±10	Tech Care revalve and spring for racers weight
85SX	43mm	WP	0.32	100mm	4.0kg	95mm	115lbs ±10	125 lb rider go up to a 4.0 kg spring with .30 fork springs. TC suggests a revalve for expert racers.
125SX	48mm	WP	0.42	365cc	6.6kg	95mm	155lbs ±10	Suspension has a more limited range than linkage bikes. Lighter or heavier racers are more likely to need optional springs. Bikes are setup fairly soft.
144SX	48mm	WP	0.42	100mm	6.6kg	95mm	155lbs ±10	Suspension has a more limited range than linkage bikes. Lighter or heavier racers are more likely to need optional springs. Bikes are setup fairly soft.
200EXV	48mm	WP	0.42	100mm	7.2kg	95mm	165lbs ±10	Enduro riders may feel forks and shock are harsh. TC suggests a revalve on the fork and shock.
250SX	48mm	WP	0.44	365cc	6.6kg	95mm	170lbs ±10	Good bottoming resistance, but remains plush. Heavier riders will want to use a stiffer rear spring.
250SXF	48mm	WP	0.46	365cc	6.9kg	95mm	175lbs ±10	Shock spring rate has been increased for 2009. Tech-Care suggests revalve for lighter intermediate racer
300XC	48mm	WP	0.46	370cc	6.6kg	95mm	165lbs ±10	Shock a little harsh compared to forks, adjust shock valving
450SXF	48mm	WP	0.50	380cc	7.2kg	95mm	200lbs ±10	Went to 7.2kg spring rate in the rear. New fork bottoming system in 2009. Suspension set up for 200lb rider.
300XCW	48mm	WP	0.44	100	6.6kg	95mm	160lbs ±10	Forks soft compared to shock.
450SXF	48mm	WP	0.49	380cc	6.6kg	95mm	200lbs ±10	Forks are stiff compared to shock. Same as '08.
450 EXC	48mm	WP	0.42	110mm	7.1kg	95mm	168lbs ±10	Plush suspension, TC suggests a revalve for rider weight and ability.
450MXC	48mm	WP	0.49	110mm	6.9kg	95mm	190lbs ±10	Fork and shock spring rates increased, very harsh. TC suggests revalve and respring for riders weight and ability.
505 SXF	48mm	WP	0.49	380cc	6.6kg	95mm	200lbs ±10	Forks are stiff compared to shock. They went up 2 spring rates up front and 1 spring

								rate in the back for '08
525/425 XC-F	48mm	WP	0.45	90	7.1kg	95mm	180lbs ±10	Bike is well balanced, may want to go to a straight rate spring in the rear. Double overhead cam model.
530/450 XCR-W	48mm	WP	0.45	90	7.1kg	95mm	180lbs ±10	Bike is well balanced, may want to go to a straight rate spring in the rear. Single overhead cam model.

2009 KTM Suspension Tips

Model	Tips
	No tips available



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