



2006 Suzuki Suspension Specs

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Model	Fork Size	Manufacturer	Fork Rate	Oil Level	Rear Spring	Race Sag	Weight	Suggestions
RM 65	32mm	Showa	0.27	140mm	4.9kg	80mm	80lbs ±10	80 lb Expert racer needs emulators with heavy duty springs to match. go up on springs with Tech-Care revalve. 80 lb novice or shorter racers need softer fork springs with p.c. longer shock pull rods. lower seat height makes suspension softer
RM 85	37mm	Showa	0.28	115mm	4.6kg	95mm	110lbs ±10	A softer rear spring which will help balance the suspension better, but fork springs might be soft for aggressive mini riders. Spring rates and valving is very crucial for the mini racer.
RM 125	47mm	Showa Chamber Twin	0.42	362cc	5.1kg	95mm	165lbs ±10	155 lb or less may want to drop rear spring rate to 4.8kg. Suggest valving for racer's ability. Fork valving is very aggressive for '06, revalve with .43 springs for a heavier, aggressive racer.
RMZ 250	48mm	KYB	0.44	90	5.1kg	95mm	160lbs ±10	Suspension is well balanced front to rear. Forks may feel harsh for Intermediate and Novice racers under 150 lbs. Suggest fork revalve.
RM 250	47mm	Showa Chamber Twin	0.44	350cc	5.3kg	95mm	180lbs ±10	Bike is well balanced, select proper spring rates for racer. Volume chambers work great. Tech-Care will select proper valving.
RMZ 450	47mm	Showa Chamber Twin	0.47	350cc	5.5kg	100mm	180lbs ±10	Suspension is well balanced front to rear. Forks may feel harsh for lighter riders, rear shock is valved more aggressively for '06. Lighter riders will need to drop down on spring rates. Heavier racer may need to increase fork springs.
DRZ 400E	49mm	Showa Chamber Twin	0.43	125mm	5.2kg	100mm	165lbs ±10	Tech-Care valving and stiffer fork and shock springs if you are over 185 lbs.

2006 Suzuki Suspension Tips

Model	Tips
RMZ 450	Improved piston rings for less oil consumption. Rear suspension linkage for more low speed plushness. Revised carburetor, improved low end. New ignition timing. Shifting linkage improved. Reshaped shift fork guide pins. Revised fork and shock valving.
RM 125	Cylinder improvement, probably one of the fastest 125. More top end, but a little less low end. Improved suspension for heavier racers, stiffened up the valving in the forks, and went to a stiffer rear spring. Tech-Care suggests a .43 kg fork spring to balance out with the rear.
RM 85	

	Good overall package, well balanced suspension for lighter riders, very good low end power,. One of the most durable mini's on the market with great low end, mid range and over-rev. Power valve engine is the best in it's class.
RM 250	Well balanced suspension. '06 bike has a new cylinder with more low end and great over-rev. One step better than the '05 bike. '06 RM 250 is the bike of the year for two stroke 250s.
RM 65	No Longer available, see Kawasaki KX 65.

