



2005 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	5.0kg	95mm	165lbs ±10	155 lb or less may want to drop rear spring rate to 4.8kg. Suggest valving for racer's ability
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	362	5.3kg	95mm	170lbs ±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	0.46	400	5.5kg	100mm	175lbs ±10	Suspension is fairly well balanced, rear is oversprung. Suggest softer rear spring or heavier fork spring depending on racer's weight. Forks may feel harsh for lighter riders, rear shock is valved light. Heavier racers will need increased spring rates and valving
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.
RM 85	37mm	Showa	0.26	115mm	4.8kg	95mm	110lbs ±10	'04 RM 85 went to 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.

2005 Suzuki Suspension Tips

Model	Tips
RMZ 450	Suzuki's first year 450, very balanced suspension. Motor is very dependable. Good clutch. Four speed trans. very user friendly. Easy bike to ride. Rear shock a little harsh.

RM 85	Suzuki revised rear shock with better valving, lighter spring, better balance, and improved power valve system. Basically same bike as the years in the past. Very good low end
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 125	Improved power valve for more low end. '05 model cylinder change more top end. Stiffer spring rates.
RM 65	This is a great bike for the 6 year old to a 12 year old, depending on the racer's size, weight, and ability. Racing classes are usually formed around the 7 to 11 year old age. Tech-Care has great enhancements for rider's size, small or large, light or heavy. Refer to suspension settings for more information. The RM 65 is a direct copy of the KX 65, but the bike seems to look bolder, better, and faster in yellow.



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