



2007 Suzuki Suspension Specs

| [1997](#) | [1998](#) | [1999](#) | [2000](#) | [2001](#) | [2002](#) | [2003](#) | [2004](#) | [2005](#) | [2006](#) | **2007** | [2008](#) | [2009](#) | [2010](#) | [2011](#) | [2012](#) | [2013](#) | [2014](#) | [2015](#) |

Model	Fork Size	Manufacturer	Fork Rate	Oil Level	Rear Spring	Race Sag	Weight	Suggestions
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	47mm	Showa Chamber Twin	0.44	380cc	5.3kg	95mm	165lbs ±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 Chambers Twin	0.47	350cc	5.5kg	100mm	180lbs ±10	Most 165 lb experts will use a 5.1 rear spring. Suspension is off balanced front to rear. Forks may feel harsh for lighter riders, rear shock is valved more aggressively for '07. 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.

2007 Suzuki Suspension Tips

Model	Tips
RM 250	New redesigned exhaust port, engine tilted slightly more forward. Well balanced suspension. One step better than the '06 bike. '07 RM 250 is the bike of the year for two stroke 250s.
RMZ 250	All new for '07. Engine is basically new, gearbox, exhaust, clutch, head, valves, new aluminum frame, Showa suspension, 37 mm Keihin FCR carb and much needed larger radiators. This bike could be the 250F of the year.
RMZ 450	Suzuki continues to improve their development on their four speed 450. Motor durability improvements, revised piston rings, hydraulic cam chain tensioner, Showa revised fork and shock components.
RM 65	No Longer available, see Kawasaki KX 65.
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 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.



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