



2003 Yamaha 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
YZ 85	36mm	KYB	0.29	125	5.0kg	85mm	125lbs ±10	We suggest revalving and spring for rider weight.
YZ 125	46mm	KYB	0.41	135mm	4.5kg	100mm	145lbs ±10	Go up to a .42 fork spring for better balance, with Techcare shock and fork revalving.
YZ 250	46mm	KYB	0.43	135mm	4.9kg	100mm	180lbs ±10	Use a .44 spring for riders over 175Lbs, and Tech-care midvalve mod to reduce fork harshness. Also Rr. shock valving for more aggressive riders.
YZ 250F	46mm	KYB	0.43	140mm	4.7kg	100mm	165lbs ±10	Use Tech-care revalve and midvalve mod for riders less than 160Lbs. Heavier riders should revalve and spring to their weight and riding.
WR 250F	46mm	KYB	0.43	140mm	4.7kg	100mm	165lbs ±10	Use Tech-Care revalve and midvalve mods for riders less than 160 lbs. Heavier riders should revalve and spring to their weight and riding style
YZ 450F	46mm	KYB	0.46	135mm	5.3kg	100mm	180lbs ±10	Use softer 5.1 spring and revalve the shock for better balance. Also use Tech-care midvalve mod to reduce fork harshness
WR 450F	46mm	KYB	0.46	135mm	5.3kg	100mm	180lbs ±10	Tech-care revalving for rider weight and ability. Tech-care valving and springs can improve the balance of this bike.

2003 Yamaha Suspension Tips

Model	Tips
YZ125	Improved engine components, suspension components, softer rear shock spring to balance out with the KYB .41 spring rate. The bike should be a better balanced unit. Last year's 125 was one of the best, its going to be a tough one to beat.
YZ 250	Bike has improved suspension components, more over-rev with great low end. Rear shox spring rate has been increased to work well with the aggressive fork valving. This '03 YZ 250 won the Tech-Care shoot-out of all the 250 two strokes. Refer to 2003 Tech-Care Motocross Shoot-out
YZ250F	Unbelievable improvement over the last two years. Its hard to believe they can make improvements on this model. Over last year's, one of the biggest improvements is the starting easibility. Suspension improvements
YZ450F	Yamaha launched a full scale assault with the YZ450F. More and better power, refined ergonomics, simple starting, weight shredding 232 pounds, 4 speed transmission, and the winner of the Tech-Care'03 Motocross Shoot-out. Tech-Care feels the rear shox is a little stiff and harsh compared to the balance of the forks. We suggest a 5.1 spring with a revalve if you are going to run stock fork springs. If you're 180 pounds the spring rates that we suggested should work well for you. If you're an aggressive racer, and heavier, we suggest stiffer fork springs

YZ 85	Improved engine components, better durability, clutch housings, transmission updates, and minor suspension suspension enhancements. Very similar to the '02.
-------	--



Copyright 2016, Tech-Care Suspension **Store Hours: Mon. - Fri: 9a.m. - 6p.m. Sat: 9a.m. - 4p.m.**