



YAMAHA YZ250FX 2027

Enduro · 250cc 4T · US version

Safety recalls: see motosports.com/bikes/recalls/

Verified

29 of 29 figures read off a manual page

GEARING

Stock front sprocket	13T	🔍 p. 2-4
Stock rear sprocket	51T	🔍 p. 2-4
Chain pitch	520	🔍 p. 2-7
Stock chain links	114	🔍 p. 2-7
Stock final drive ratio	3.923 : 1	🔍 p. 2-4

WHEELS AND TIRES

Front rim	21 x 1.60	🔍 p. 2-5
Rear rim	18 x 2.15	🔍 p. 2-5
Front tire	80/100-21 51M	🔍 p. 2-5
Rear tire	110/100-18 64M	🔍 p. 2-5

SUSPENSION

Fork	Telescopic fork	🔍 p. 2-5
Fork travel	300 mm (11.8 in)	🔍 p. 2-6
Shock travel	306 mm (12.0 in)	🔍 p. 2-6
Stock fork spring rate	– Not yet verified	
Stock shock spring rate	– Not yet verified	
Static sag, bike only	– Not yet verified	
Race sag, rider on	– Not yet verified	

FLUIDS AND CAPACITIES

Engine oil spec	🔍 p. 2-2
SAE 10W-40, 10W-50, 15W-40, 20W-40 or 20W-50; API service SG type or higher, JASO standard MA	
Engine oil capacity (oil change)	0.73 L (0.77 US qt) 🔍 p. 2-2
Engine oil capacity, with filter change	0.75 L (0.79 US qt) 🔍 p. 2-2
Coolant capacity	0.93 L (0.98 US qt) 🔍 p. 2-2
Fuel capacity	7.8 L (2.1 US gal) 🔍 p. 2-2

SHOP NOTES

Date / hours

Sag. race / static

SERVICE SPECS

Fork oil	🔍 p. 2-6
Yamaha Suspension Oil S1; Quantity (left) 489.0 cm ³ (16.53 US oz, 17.25 Imp.oz); Quantity (right) 489.0 cm ³ (16.53 US oz, 17.25 Imp.oz)	
Brake fluid	DOT 4 🔍 p. 2-5
Coolant type	🔍 p. 3-23
High quality ethylene glycol antifreeze containing anti-corrosion for aluminum engine	
Fuel octane	Octane number (RON) 95 🔍 p. 2-2
Idle speed	1900-2100 r/min 🔍 p. 2-4
Valve clearance	🔍 p. 2-3
Intake 0.12-0.19 mm (0.0047-0.0075 in); Exhaust 0.17-0.24 mm (0.0067-0.0094 in), cold	

MAINTENANCE

Tire pressure (off-road)	🔍 p. 2-5
100 kPa (1.00 kgf/cm ² , 15 psi) front and rear, measured on cold tires	
Chain slack	🔍 p. 2-7
50.0-60.0 mm (1.97-2.36 in), on a maintenance stand	
Spark plug and gap	🔍 p. 2-2
NGK/LMAR8E-J, gap 0.6-0.7 mm (0.024-0.028 in)	

DIMENSIONS

Seat height	955 mm (37.6 in) 🔍 p. 2-1
Wheelbase	1470 mm (57.9 in) 🔍 p. 2-1
Weight (curb weight)	110 kg (243 lb) 🔍 p. 2-1

🔍 printed on the manual page shown

🔍 maker web page or spec sheet 📐 calculated, not printed

≈ converted by MotoXSports – not yet verified

Check your own manual before ordering parts or setting up the bike.
Torque values are not published here: use the manual.

motosports.com/bikes/yamaha-yz250fx/ · data checked 2026-10-16

1 Yamaha 2027 YZ250FX Owner's Service Manual, LIT-11626-40-22, DP3-2819U-11 pp. 2-1, 2-2, 2-3, 2-4, 2-5, 2-6, 2-7, 3-23



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