YAMAHA
YZ250F 2027

Motocross · 250cc 4T · US version

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

Engine and chassis figures, as the manual prints them, are on the live page.

Verified
33 of 33 figures read off a manual page

GEARING

Stock front sprocket	13T	p. 2-4
Stock rear sprocket	49T	p. 2-4
Chain pitch	520	p. 2-7
Stock chain links	114	p. 2-7
Stock final drive ratio	3.769 : 1	p. 2-4

WHEELS AND TIRES

Front rim	21x1.6	p. 2-5
Rear rim	19x2.15	p. 2-5
Front tire	80/100-21 51M	p. 2-5
Rear tire	110/90-19 62M	p. 2-5

SUSPENSION

Fork	Telescopic fork	p. 2-6
Fork travel	310 mm (12.2 in)	p. 2-6
Shock travel	295 mm (11.6 in)	p. 2-6
Stock fork spring rate	4.7 N/mm	p. 10-3
Stock shock spring rate	54 N/mm	p. 10-4
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 (or 10W-50, 15W-40, 20W-40, 20W-50), API SG or higher, JASO MA

Engine oil capacity (oil change)	0.92 L (0.97 US qt)	p. 2-2
Engine oil capacity, with filter change	0.96 L (1.01 US qt)	p. 2-2
Coolant capacity	0.94 L (0.99 US qt)	p. 2-2
Fuel capacity	6.2 L (1.6 US gal)	p. 2-2

SERVICE SPECS

Fork oil — p. 2-6
Yamaha Suspension Oil S1; Quantity (left) 481.0 cm³ (16.26 US oz, 16.96 Imp.oz); Quantity (right) 481.0 cm³ (16.26 US oz, 16.96 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 (15 psi) front and rear

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 LMAR9E-J, gap 0.6-0.7 mm

Chain wear limit — p. 2-7
15-link length limit 242.9 mm (9.56 in)

Brake pad wear limit — p. 2-5
Front 1.0 mm (0.04 in); Rear 1.0 mm (0.04 in)

DIMENSIONS

Seat height	970 mm (38.2 in)	p. 2-1
Wheelbase	1480 mm (58.3 in)	p. 2-1
Weight (curb weight)	107 kg (236 lb)	p. 2-1

SHOP NOTES

Date / hours

Sprockets run

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.

motoxsports.com/bikes/yamaha-yz250f/ · data checked 2026-

1 Yamaha 2027 YZ250F Owner's Service Manual (YZ250FV, USA), LIT-11626-40-30, D05-2819U-10 pp. 2-1, 2-2, 2-3, 2-4, 2-5, 2-6, 2-7, 2-8, 3-23, 10-3,

The live page, with