YAMAHA

WR450F 2027

Enduro · 450cc 4T · US version

Safety recalls: see motoxsports.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	120/90-18 65M	p. 2-5

SUSPENSION

Fork	Telescopic fork	p. 2-6
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)	0.94 L (0.99 US qt)	p. 2-2
Engine oil capacity, with filter change	0.96 L (1.01 US qt)	p. 2-2
Coolant capacity	1.03 L (1.09 US qt)	p. 2-2
Fuel capacity	7.4 L (2.0 US gal)	p. 2-2

SERVICE SPECS

Fork oil — p. 2-6
Yamaha Suspension Oil S1; Quantity (left) 419.0 cm³ (14.17 US oz, 14.78 Imp.oz); Quantity (right) 419.0 cm³ (14.17 US oz, 14.78 Imp.oz)

Brake fluid	DOT 4	p. 2-5

Coolant type — p. 3-24
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 0.10-0.17 mm (0.0039-0.0067 in); Exhaust 0.15-0.22 mm (0.0059-0.0087 in), cold

MAINTENANCE

Tire pressure (off-road) — p. 2-5
100 kPa (1.00 kgf/cm², 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/LMAR8G, gap 0.7-0.8 mm (0.028-0.031 in)

DIMENSIONS

Seat height	955 mm (37.6 in)	p. 2-1
Wheelbase	1470 mm (57.9 in)	p. 2-1
Weight (curb weight)	116 kg (257 lb)	p. 2-1

SHOP NOTES

Date / hours

Sprockets run

Sag, race / static

Clickers, fork / shock

✓ 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-wr450f/ · data checked 2026-10-16

1 Yamaha 2027 WR450F Owner's Service Manual, LIT-11626-40-59, DP4-2819U-10 pp. 2-1, 2-2, 2-3, 2-4, 2-5, 2-6, 2-7, 3-24

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