

GASGAS
MC 450F 2027

Motocross · 450cc 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
29 of 32 figures read off a manual page

GEARING

Stock front sprocket	13T ✓ [1] p. 135	
Stock rear sprocket	51T ✓ [1] p. 135	
Chain pitch	520 ✓ [1] p. 135	
Stock chain links	– Not yet verified	
Stock final drive ratio	3.92 : 1	⊜ calc.

WHEELS AND TIRES

Front rim	21 x 1.60	ⓘ [2] maker
Rear rim	19 x 2.15	ⓘ [2] maker
Front tire	80/100-21 M/C 51M TT ✓ [1] p. 136	
Rear tire	100/90-19 M/C 57M TT ✓ [1] p. 136	

SUSPENSION

Fork	WP XACT AER ✓ [1] p. 137	
Fork travel	310 mm (12.20 in) ✓ [1] p. 135	
Shock travel	300 mm (11.81 in) ✓ [1] p. 135	
Stock fork spring rate	– Not yet verified	
Stock shock spring rate	45 N/mm ✓ [1] p. 138	
Static sag, bike only	35 mm (1.38 in) ✓ [1] p. 138	
Race sag, rider on	105 mm (4.13 in) ✓ [1] p. 138	

FLUIDS AND CAPACITIES

Engine oil spec	10W/50 fully synthetic ✓ [1] p. 135	
Engine oil capacity	1.20 l (≈ 40.6 fl oz) ✓ [1] p. 135	
Coolant capacity	0.95 l (≈ 32.1 fl oz) ✓ [1] p. 135	
Fuel capacity	7.9 l (≈ 2.09 gal) ✓ [1] p. 136	

SERVICE SPECS

Fork oil ✓ [1] p. 137
Fork oil (48601166S1) (SAE 4): right outer assembly 240 ml (8.12 fl. ozUS); left outer assembly 240 ml (8.12 fl. ozUS); right cartridge 380 ml (12.85 fl. ozUS)

Brake fluid	DOT 5.1 ✓ [1] p. 150	

Coolant type ✓ [1] p. 150
COOLANT M3.0, recommended supplier MOTOREX®; antifreeze protection to at least -25 °C (-13.0 °F)

Fuel octane	Super unleaded (ROZ 95) ✓ [1] p. 136	
Idle speed	– Not yet verified	

Valve clearance ✓ [1] p. 134
Intake at: 20 °C (68.0 °F) 0.10 mm … 0.15 mm (0.0039 in … 0.0059 in); Exhaust at: 20 °C (68.0 °F) 0.12 mm … 0.17 mm (0.0047 in … 0.0067 in)

MAINTENANCE

Tire pressure (off-road) ✓ [1] p. 136
1.0 bar (14.5 psi) front and rear

Chain slack	58-61 mm (2.28-2.40 in) ✓ [1] p. 73	
Spark plug and gap	NGK LMAR9AI-10, gap 1.0 mm ✓ [1] p. 134	

Chain wear limit ✓ [1] p. 75
Weight, chain wear measurement 10 kg … 15 kg (22.0 lb … 33.1 lb); Maximum distance of chain rollers at the longest chain section 272 mm (10.71 in)

Brake pad wear limit	≥ 1 mm (≥ 0.04 in) ✓ [1] p. 85	

Break-in, as printed ✓ [1] p. 22
Do not exceed the specified engine speed and load during the running-in time. Maximum engine speed During the first operating hour 7,000 rpm (116.67 Hz) Maximum engine power during the first 3 operating hours ≤ 75 % Avoid fully opening the throttle.

DIMENSIONS

Seat height	956 mm (≈ 37.6 in) ✓ [1] p. 135	
Wheelbase	1493 mm (≈ 58.8 in) ✓ [1] p. 135	
Weight (weight without fuel approx.)	103.6 kg (≈ 228 lb) ✓ [1] p. 136	

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