



KTM 450 SX-F 2026

Motocross · 449.9cc 4T · US version

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

Verified

23 of 25 figures read off a manual page

GEARING

Stock front sprocket	13T
Stock rear sprocket	51T
Chain pitch	520
Stock chain links	– Not yet verified
Stock final drive ratio	3.92 : 1

WHEELS AND TIRES

Front rim	– Not yet verified
Rear rim	– Not yet verified
Front tire	80/100-21 51M TT
Rear tire	110/90-19 62M TT

SUSPENSION

Fork	WP XACT AER
Fork travel	310 mm (12.20 in)
Shock travel	300 mm (11.81 in)
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	10W/50 fully synthetic
Engine oil capacity	1.20 l (≈ 40.6 fl oz)
Coolant capacity	0.95 l (≈ 32.1 fl oz)
Fuel capacity	7.2 l (≈ 1.90 gal)

SHOP NOTES

Date / hours

Sag, race / static

Tire pressure, F / R

Notes

SERVICE SPECS

Fork oil	
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 4 / DOT 5.1
Coolant type	
Coolant; antifreeze protection to at least: -25 °C (-13.0 °F)	
Fuel octane	Super unleaded (ROZ 95)
Idle speed	
2,200 rpm ... 2,300 rpm (36.67 Hz ... 38.33 Hz)	
Valve clearance	
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)	
1.0 bar (14.5 psi) front and rear	
Chain slack	
58 mm ... 61 mm (2.28 in ... 2.40 in)	
Spark plug and gap	
NGK LMAR9AI-10, gap 1.0 mm (0.039 in)	

DIMENSIONS

Seat height	958 mm (37.72 in)
Wheelbase	1493 mm (≈ 58.8 in)
Weight (weight without fuel approx.)	103.2 kg (227.52 lb)

Sprockets run

Clickers, fork / shock

Map or jetting

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/ktm-450-sx-f-2026/ · data checked
2026-10-16

1 KTM Owner's Manual 2026, 450 SX-F / 450 XC-F, item no. 3240236en, dated
28/07/2025 pp. 88, 100, 149, 150, 151, 152, 154



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