

KTM 350 SX-F 2025

Motocross · 350cc 4T · EU/US/AR identical

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

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

Verified
29 of 31 figures read off a manual page

GEARING

Stock front sprocket	14T ✓ [2] p. 138	
Stock rear sprocket	52T ✓ [2] p. 138	
Chain pitch	520	⊜ calc.
Stock chain links	– Not yet verified	
Stock final drive ratio	3.71 : 1	⊜ calc.

WHEELS AND TIRES

Front rim	– Not yet verified	
Rear rim	– Not yet verified	
Front tire	80/100-21 51M TT ✓ [2] p. 138	
Rear tire	110/90-19 62M TT ✓ [2] p. 138	

SUSPENSION

Fork ✓ [1] p. 38
WP XACT air fork (air spring left leg, damping right leg)

Fork travel	310 mm (12.2 in) ✓ [2] p. 137	
Shock travel	300 mm (11.81 in) ✓ [2] p. 137	
Stock fork spring rate	– Not yet verified	
Stock shock spring rate	45 N/mm ✓ [1] p. 44	
Static sag, bike only	35 mm (1.38 in) ✓ [1] p. 42	
Race sag, rider on	105 mm (4.13 in) ✓ [1] p. 42	

FLUIDS AND CAPACITIES

Engine oil spec	SAE 10W/50 ✓ [2] p. 137	
Engine oil capacity	1.0 l (1.1 qt.) ✓ [2] p. 137	
Coolant capacity	0.95 l (1 qt.) ✓ [2] p. 137	
Fuel capacity	7.2 l (1.9 US gal) ✓ [2] p. 137	

SERVICE SPECS

Fork oil ✓ [2] p. 139
Fork oil (SAE 4) (48601166S1): oil capacity external mechanism right 240 +10/−50 ml (8.11 +0.34/−1.69 fl. oz.); external mechanism left 240 +10/−50 ml (8.11 +0.34/−1.69 fl. oz.); right cartridge 380 ml (12.85 fl. oz.)

Brake fluid	DOT 4 / DOT 5.1 ✓ [2] p. 89	

Coolant type ✓ [2] p. 145
High-grade, silicate-free coolant with corrosion inhibitor additive for aluminum motors; antifreeze protection to at least −25 °C (−13 °F)

Fuel octane	Super unleaded (ROZ 95) ✓ [2] p. 137	
Idle speed	2,250 … 2,350 rpm ✓ [2] p. 134	

Valve clearance ✓ [2] p. 134
Intake at: 20 °C (68 °F) 0.08 … 0.15 mm (0.0031 … 0.0059 in);
Exhaust at: 20 °C (68 °F) 0.12 … 0.19 mm (0.0047 … 0.0075 in)

MAINTENANCE

Tire pressure (off-road) ✓ [2] p. 138
1.0 bar (15 psi) front and rear

Chain slack	58-61 mm (2.28-2.4 in) ✓ [2] p. 77	
Spark plug and gap	NGK LMAR9AI-10, gap 1.0 mm ✓ [2] p. 134	

Chain wear limit ✓ [2] p. 79
Weight, chain wear measurement 10 … 15 kg (22 … 33 lb.); Maximum distance from 18 chain rollers at the longest chain section 272 mm (10.71 in)

Brake pad wear limit	≥ 1 mm (≥ 0.04 in) ✓ [2] p. 89	

Break-in, as printed ✓ [1] p. 24
Do not exceed the specified engine speed and load during the running-in time. Guideline Maximum engine speed During the first operating hour 7,000 rpm Maximum engine performance During the first 3 operating hours ≤ 75 % – Avoid fully opening the throttle.

DIMENSIONS

Seat height	958 mm (37.72 in) ✓ [2] p. 138	
Wheelbase	1493 mm (≈ 58.8 in) ✓ [2] p. 138	
Weight (weight without fuel, approx.)	101.9 kg (224.6 lb.) ✓ [2] p. 138	

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