MOTO X SPORTS

STOCK SPEC CARD
motoxsports.com/bikes/husqvarna-fc-450/

HUSQVARNA
FC 450 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
30 of 33 figures read off a manual page

GEARING

Stock front sprocket	13T ✓ [1] p. 153
Stock rear sprocket	51T ✓ [1] p. 153
Chain pitch	520 ✓ [1] p. 153
Stock chain links	– Not yet verified
Stock final drive ratio	3.92 : 1 ⊜ calc.

WHEELS AND TIRES

Front rim	21 x 1.6 ⓘ [2] maker
Rear rim	19 x 2.15 ⓘ [2] maker
Front tire	80/100-21 51M TT ✓ [1] p. 154
Rear tire	120/90-19 63M TT ✓ [1] p. 154

SUSPENSION

Fork	WP XACT AER ✓ [1] p. 155
Fork travel	305 mm (12.01 in) ✓ [1] p. 152
Shock travel	293 mm (11.54 in) ✓ [1] p. 152
Stock fork spring rate	– Not yet verified
Stock shock spring rate	45 N/mm ✓ [1] p. 158
Static sag, bike only	35 mm (1.38 in) ✓ [1] p. 158
Race sag, rider on	105 mm (4.13 in) ✓ [1] p. 158

FLUIDS AND CAPACITIES

Engine oil spec	10W/50 fully synthetic ✓ [1] p. 152
Engine oil capacity	1.20 l (≈ 40.6 fl oz) ✓ [1] p. 152
Coolant capacity	0.95 l (≈ 32.1 fl oz) ✓ [1] p. 152
Fuel capacity	7.2 l (≈ 1.90 gal) ✓ [1] p. 154

SERVICE SPECS

Fork oil ✓ [1] p. 156
Fork oil (48601166S1) (SAE 4): right outer assembly 240 +10/−50 ml (8.12 +0.34/−1.69 fl. ozUS); left outer assembly 240 +10/−50 ml (8.12 +0.34/−1.69 fl. ozUS); right cartridge 370 ml (12.51 fl. ozUS)

Brake fluid: DOT 5.1 ✓ [1] p. 176

Coolant type ✓ [1] p. 176
COOLANT M3.0, recommended supplier MOTOREX®; antifreeze protection to at least −25 °C (−13.0 °F)

Fuel octane: Super unleaded (ROZ 95) ✓ [1] p. 154

Idle speed ✓ [1] p. 151
2,200 rpm … 2,300 rpm (36.67 Hz … 38.33 Hz)

Valve clearance ✓ [1] p. 151
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. 153
1.0 bar (14.5 psi) front and rear

Chain slack: 58-61 mm (2.28-2.40 in) ✓ [1] p. 90

Spark plug and gap: NGK LMAR9AI-10, gap 1.0 mm ✓ [1] p. 152

Chain wear limit ✓ [1] p. 92
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. 102

Break-in, as printed ✓ [1] p. 29
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	946 mm (≈ 37.2 in) ✓ [1] p. 153
Wheelbase	1490 mm (≈ 58.7 in) ✓ [1] p. 153
Weight (weight without fuel approx. (All FC models))	103.3 kg (≈ 228 lb) ✓ [1] p. 153

SHOP NOTES

Date / hours

Sprockets run

✓ printed on the manual page shown