

HUSQVARNA TC 85 2027

Motocross · 85cc 2T · US version

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

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

Verified
27 of 31 figures read off a manual page

GEARING

Stock front sprocket	13T	✓ [1] p. 127
Stock rear sprocket	46T	✓ [1] p. 127
Chain pitch	428	⊜ calc.
Stock chain links	– Not yet verified	
Stock final drive ratio	3.54 : 1	⊜ calc.

WHEELS AND TIRES

Front rim	17 x 1.4	ⓘ [2] maker
Rear rim	14 x 1.6	ⓘ [2] maker
Front tire	70/100-17 M/C 40M TT	✓ [1] p. 128
Rear tire	90/100-14 M/C 49M TT	✓ [1] p. 128

SUSPENSION

Fork	WP XACT 5543 (air fork)	✓ [1] p. 127
Fork travel	278 mm (10.94 in)	✓ [1] p. 127
Shock travel	289 mm (11.38 in)	✓ [1] p. 127
Stock fork spring rate	– Not yet verified	
Stock shock spring rate	– Not yet verified	
Static sag, bike only	30 mm (1.18 in)	✓ [1] p. 130
Race sag, rider on	100 mm (3.94 in)	✓ [1] p. 130

FLUIDS AND CAPACITIES

Coolant capacity	0.8 l (≈ 27.1 fl oz)	✓ [1] p. 124
Premix ratio	40:1	✓ [1] p. 128
Fuel capacity	5.4 l (≈ 1.43 gal)	✓ [1] p. 128

SERVICE SPECS

Gearbox oil ✓ [1] p. 124
0.50 l (0.132 liq. galUS); Engine oil (15W/50), Partially synthetic

Fork oil ✓ [1] p. 129
Fork oil (48601166S1) (SAE 4): right outer assembly 363 ±10 ml (12.27 ±0.34 fl. ozUS); left outer assembly 100 ±20 ml (3.38 ±0.68 fl. ozUS)

Brake fluid DOT 5.1 ✓ [1] p. 141

Coolant type ✓ [1] p. 141
COOLANT M3.0, recommended supplier MOTOREX®; antifreeze protection to at least -25 °C (-13.0 °F)

Fuel octane Super unleaded (98 octane) ✓ [1] p. 139

Idle speed ✓ [1] p. 123
1,500 rpm … 2,000 rpm (25.00 Hz … 33.33 Hz)

MAINTENANCE

Tire pressure (off-road) ✓ [1] p. 128
1.0 bar (14.5 psi) front and rear

Chain slack 43-46 mm (1.69-1.81 in) ✓ [1] p. 71

Spark plug and gap BRISK AR10C, gap 0.70 mm ✓ [1] p. 123

Chain wear limit ✓ [1] p. 73
Weight, chain wear measurement 10 kg … 15 kg (22.0 lb … 33.1 lb); Maximum distance of chain rollers at the longest chain section 219 mm (8.62 in)

Brake pad wear limit ≥ 1 mm (≥ 0.04 in) ✓ [1] p. 83

Break-in, as printed ✓ [1] p. 26
During the running-in phase, do not exceed the specified engine performance. Maximum engine power during the first 3 operating hours < 70 % during the first 5 operating hours < 100 % Note The use of a service hour counter is recommended in order to be able to check the mileage at any time. During the first ten operating hours, refuel with a mixing ratio of 1:30. – Avoid fully opening the throttle.

DIMENSIONS

Seat height	835 mm (≈ 32.9 in)	✓ [1] p. 127
Wheelbase	1282 mm (≈ 50.5 in)	✓ [1] p. 127
Weight (weight without fuel approx. (TC 85 17/14))	68 kg (≈ 150 lb)	✓ [1] p. 128

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