MOTO X SPORTS

STOCK SPEC CARD
motoxsports.com/bikes/honda-crf450r/



HONDA
CRF450R 2027

Motocross · 450cc 4T

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

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

Partly verified
16 of 23 figures read off a manual page

GEARING

Stock front sprocket	13T ⓘ [1] maker
Stock rear sprocket	51T ⓘ [1] maker
Chain pitch	520 ⓘ [1] maker
Stock chain links	– Not yet verified
Stock final drive ratio	3.923 : 1 ✓ [2] p. 74

WHEELS AND TIRES

Front rim	– Not yet verified
Rear rim	– Not yet verified
Front tire	80/100-21 51M ✓ [2] p. 73
Rear tire	120/90-19 66M ✓ [2] p. 73

SUSPENSION

Fork	49mm inverted Showa fork ⓘ [1] maker
Fork travel	12.2-inch (≈ 310 mm) ⓘ [1] maker
Shock travel	12.0-inch (≈ 305 mm) ⓘ [1] maker
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	SAE 10W-30, JASO T 903 MA ✓ [2] p. 74
Engine oil capacity (after draining)	1.07 L (1.13 US qt) ✓ [2] p. 74
Engine oil capacity, with filter change	1.10 L (1.16 US qt) ✓ [2] p. 74
Coolant capacity	1.08 L (1.14 US qt) ✓ [2] p. 74
Fuel capacity	7.1 L (1.88 US gal) ✓ [2] p. 73

SERVICE SPECS

Fork oil	– Not yet verified
Brake fluid	– Not yet verified
Coolant type	Pro Honda HP Coolant ✓ [2] p. 74
Fuel octane	✓ [2] p. 73
	Unleaded gasoline 91 PON or higher
Idle speed	2,000 ± 100 rpm ✓ [2] p. 74
Valve clearance	✓ [2] p. 74
	Intake 0.005 ± 0.001 in (0.13 ± 0.03 mm); Exhaust 0.009 ± 0.001 in (0.24 ± 0.03 mm), cold

MAINTENANCE

Tire pressure (off-road)	✓ [2] p. 73
	15 psi (100 kPa) front and rear
Chain slack	– Not yet verified
Spark plug and gap	✓ [2] p. 75
	NGK SILMAR9A-9S, gap 0.80-0.90 mm

DIMENSIONS

Seat height	953 mm (≈ 37.5 in) ✓ [2] p. 73
Wheelbase	1490 mm (≈ 58.7 in) ✓ [2] p. 73
Weight	238 pounds (≈ 108 kg) ⓘ [1] maker

SHOP NOTES

Date / hours

Sprockets run

Sag, race / static

Clickers, fork / shock

✓ 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.

motoxsports.com/bikes/honda-crf450r/ · data checked 2026-11-06

1 American Honda 2027 CRF450R specifications (preliminary)
2 Honda 2027 CRF450R/RX/HRC Works Edition Owner's Manual (31MKEA00) pp. 28, 73, 74, 75

The live page, with every source