MOTO X SPORTS

STOCK SPEC CARD
motoxsports.com/bikes/honda-crf250r/

HONDA
CRF250R 2027

Motocross · 250cc 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	50T ⓘ [1] maker
Chain pitch	520 ⓘ [1] maker
Stock chain links	– Not yet verified
Stock final drive ratio	3.846 : 1 ✓ [2] p. 74

WHEELS AND TIRES

Front rim	– Not yet verified
Rear rim	– Not yet verified
Front tire	80/100-21 M/C 51M ✓ [2] p. 73
Rear tire	100/90-19 57M ✓ [2] p. 73

SUSPENSION

Fork	49mm inverted Showa fork ⓘ [1] maker
Fork travel	12.2-inch (≈ 310 mm) ⓘ [1] maker
Shock travel	12.1-inch (≈ 307 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. 73
Engine oil capacity (after draining)	1.05 L (1.11 US qt) ✓ [2] p. 73
Engine oil capacity, with filter change	1.08 L (1.14 US qt) ✓ [2] p. 73
Coolant capacity	1.04 L (1.10 US qt) ✓ [2] p. 74
Fuel capacity	6.3 L (1.66 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, pump octane number of 91 or higher
Idle speed	2,000 ± 100 rpm ✓ [2] p. 73
Valve clearance	✓ [2] p. 73 Intake 0.004 ± 0.001 in (0.10 ± 0.03 mm); Exhaust 0.008 ± 0.001 in (0.20 ± 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. 74 NGK SILMAR9A9S, gap 0.8-0.9 mm

DIMENSIONS

Seat height	955 mm (≈ 37.6 in) ✓ [2] p. 72
Wheelbase	1483 mm (≈ 58.4 in) ✓ [2] p. 72
Weight	234 pounds (≈ 106.1 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-crf250r/ · data checked 2026-11-06

1 American Honda 2027 CRF250R specifications (preliminary)
2 Honda 2027 CRF250R/RX/HRC Works Edition Owner's Manual (31K95690) pp. 28, 72, 73, 74

The live page, with every source