

SUZUKI
RM-Z250 2027

Motocross · 249cc 4T

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

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

Partly verified
18 of 24 figures read off a manual page

GEARING

Stock front sprocket	– Not yet verified
Stock rear sprocket	– Not yet verified
Chain pitch	520 ⓘ [1] maker
Stock chain links	114 ⓘ [1] maker
Stock final drive ratio	– Not yet verified

WHEELS AND TIRES

Front rim	– Not yet verified
Rear rim	– Not yet verified
Front tire	80/100-21 51M ✓ [2] p. 6-40
Rear tire	100/90-19 57M ✓ [2] p. 6-40

SUSPENSION

Fork ⓘ [1] maker
Inverted telescopic, coil spring, oil damped, adjustable damping force

Fork travel	– Not yet verified
Shock travel	– Not yet verified
Stock fork spring rate	5 N/mm ✓ [2] p. 2-14
Stock shock spring rate	52 N/mm ✓ [2] p. 2-19
Static sag, bike only	– Not yet verified
Race sag, rider on	110 mm (4.33 in) ✓ [2] p. 2-20

FLUIDS AND CAPACITIES

Engine oil spec ✓ [2] p. 3-3
SAE 10W-40, API SJ/SL/SM/SN, JASO MA

Engine oil capacity (changing oil only)	950 ml (≈ 32.1 fl oz) ✓ [2] p. 6-26
Engine oil capacity, with filter change	1000 ml (≈ 33.8 fl oz) ✓ [2] p. 6-26
Coolant capacity	1100 ml (≈ 37.2 fl oz) ✓ [2] p. 3-6
Fuel capacity	6.3 L (≈ 1.66 gal) ✓ [2] p. 2-7

SERVICE SPECS

Fork oil	– Not yet verified
Brake fluid	DOT4 ✓ [2] p. 6-36

Coolant type ✓ [2] p. 3-5
“SUZUKI SUPER LONG LIFE COOLANT” or “SUZUKI LONG LIFE COOLANT”

Fuel octane ✓ [2] p. 3-2
premium unleaded gasoline with an octane rating of 95 or higher (Research method)

Idle speed	2200 ± 50 r/min ✓ [2] p. 6-27
Valve clearance	– Not yet verified

MAINTENANCE

Tire pressure (off-road) ✓ [2] p. 6-39
70-110 kPa (10-16 psi) front and rear

Chain slack ✓ [2] p. 6-32
35-45 mm (1.4-1.7 in), rear wheel off the ground

Spark plug and gap ✓ [2] p. 6-18
NGK CR8EIB-10, gap 0.9-1.0 mm

Brake pad wear limit ✓ [2] p. 6-37
If a front or rear pad is worn to the grooved limit line, both front or both rear pads must be replaced with new ones.

DIMENSIONS

Seat height	955 mm (37.5 in.) ⓘ [1] maker
Wheelbase	1485 mm (58.46 in.) ⓘ [1] maker
Weight	106 kg (233 lb.) ⓘ [1] maker

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

Check your own manual before ordering parts or setting up the bike. Torque values are not published here: use the manual.

motoxsports.com/bikes/suzuki-rm-z250/ · data checked 2026-

1 Suzuki 2027 RM-Z250 specifications (suzukicycles.com)
2 Suzuki RM-Z250 Owner's Manual, 99011-46K55-01A pp. 2-7, 2-9, 2-14, 2-19, 2-20, 3-2, 3-3, 3-5, 3-6, 6-18, 6-26, 6-27, 6-32, 6-36, 6-37, 6-39, 6-

The live page, with