

2018

RMX450Z



- Enduro weapon based on the RM-Z450
- Electric starting with kick-start backup
- Hinged airbox lid for fast service
- Competition-ready instruments and lighting
- Additional polyethylene chassis protectors



RMX450Z COLOR



Champion Yellow No. 2

2018

RMX450Z



Powerful, torquey fuel-injected 449cc engine. Slim, aggressively styled chassis and bodywork. Electric starter. Full-function, two-mode instrument cluster. Enduro lighting. Additional chassis protection. Sharing core engine and chassis technology plus new bodywork colors and graphics with Suzuki's championship-winning open-class motocrosser, the RMX450Z rewrites the rules for serious trail riders.

RMX450Z FEATURES

KEY FEATURES

- Fuel-injected engine is based on Suzuki's winning open-class motocrosser, the RM-Z450.
- Clean-burning 4-stroke engine easily achieves Environmental Protection Agency (EPA) emissions regulations (eligible for red-sticker registration in California).
- Trail-ready features include an electric starter powered by a compact battery (plus kick-start backup), a coolant reservoir tank, and an engine protector plate.
- Enduro ready, full-function instrument cluster includes a low fuel level warning light.
- The airbox features a hinged lid for quick air-filter maintenance.
- Aluminum-alloy twin-spar frame with high-performance Showa fork and piggyback-reservoir style rear shock.
- Competition-developed seat and slim bodywork creates a controllable, ergonomic riding position.
- New for 2018, the racing-inspired bodywork and graphics include sturdy fork clamps that are anodized black, complementing the gold fork leg finish.
- Black anodized EXCEL aluminum rims are ready to withstand rugged off-road conditions.

ENGINE FEATURES

- 449cc 4-stroke, 4-valve, liquid-cooled, fuel-injected DOHC powerplant is based on the high-performance and reliable RM-Z450.
- Minimal differences as compared to the RM-Z450 motocross engine includes a modified inlet tract and revised cam profiles to increase low and mid-RPM power.
- The compact aluminum cylinder is finished with Suzuki Composite Electrochemical Material (SCEM) coating for durability, light weight, and efficient heat transfer.
- A larger magneto generator is fitted to charge the battery and power the lights. The increased mass also aids traction.
- Advanced fuel-injection system makes for extra-smooth power delivery, high fuel efficiency, and superb reliability.
- The airbox features a hinged lid for quick air-filter maintenance and better protection from debris.
- The coolant reservoir tank has a specially located filler cap for easy access.

TRANSMISSION FEATURES

- Strong 5-speed transmission with wide gear ratios and primary/final drive ratios selected to suit various situations from steep trails to open terrain.

CHASSIS FEATURES

- The aluminum-alloy twin-spar frame combines cast and extruded sections to achieve low weight with high rigidity and durability.
- RM-Z450-derived trail-ready suspension uses a high-performance Showa coil spring fork with full adjustability.
- Aluminum, link-style swingarm is descended from the RM-Z line and uses a fully adjustable Showa piggyback-reservoir style rear shock.
- Rear suspension linkage geometry combines the RM-Z series' renowned turning-on-rails abilities with optimized handling performance for trail rides.
- Race-inspired waved disc rotors are mounted to black EXCEL aluminum rims with stainless steel spokes.
- High-impact, black plastic fork leg covers plus rear brake rotor and caliper protectors shield these components from trail obstacles.
- The standard Renthal Fatbar is stronger and reduces vibration better than conventional aluminum handlebars.
- Bright 35W headlight is smoothly incorporated into the front number plate.
- Trim, low-draw LED taillight is neatly tucked under the lip of the rear fender.
- The full-function, dual (sport/standard) mode instrument cluster is in a durable, ultra-compact housing.
 - Sport mode simply shows timer, trip meter, average speed, and tire-diameter correction (to reduce information during spirited riding or competition).
 - Standard mode also shows speed, time, two trip lengths, and voltage.
 - The instrument's integrated tire-diameter calculator allows precise fine tuning for different tires to ensure accuracy of the speed and distance displays.
 - Instruments include a low fuel level warning light.
- Champion Yellow bodywork (including a yellow rear fender) with race team-inspired graphics package.
- Gripper seat, with projected cross-shaped patterns on its blue top surface, aids rider control.
- See Suzuki industry-leading contingency programs at www.SuzukiCycles.com/Racing.
- For more details, please visit www.suzukicycles.com.

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RMX450Z SPECS

Engine:	449cc, 4-stroke, liquid-cooled, single cylinder, DOHC
Bore x Stroke:	96.0 x 62.1 mm (3.78 x 2.40 in.)
Compression Ratio:	11.6: 1
Fuel System:	Fuel injection, 41 mm throttle body
Starter:	Electric with backup kick starter
Lubrication:	Semi-dry sump
Clutch:	Wet multi-plate
Transmission:	5-speed constant mesh
Final Drive:	Chain, DID 520MXV, 114 links
Suspension, Front:	Inverted telescopic, coil spring, oil damped, adjustable damping force
Suspension, Rear:	Link type, coil spring, oil damped, adjustable spring preload, and damping force
Brake, Front:	Disc brake, single rotor
Brake, Rear:	Disc brake, single rotor

Tire, Front:	80/100-21 M/C 51M, tube type
Tire, Rear:	110/90-18 M/C 64M, tube type
Fuel Tank Capacity:	6.2L (1.6 US gallons)
Ignition:	Electronic ignition (CDI)
Spark Plug:	NGK CR8EIB-10
Headlight:	12V 35W
Taillight:	LED
Overall Length:	2185 mm (86.0 in.)
Overall Width:	840 mm (33.1 in.)
Overall Height:	1265 mm (49.8 in.)
Wheelbase:	1485 mm (58.5 in.)
Ground Clearance:	320 mm (12.6 in.)
Seat Height:	950 mm (37.4 in.)
Curb Weight:	123.5 kg (272 lbs.)

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