

SUZUKI

RM-Z450

2017

Robust 449cc 4-stroke fuel-injected engine

Suzuki Holeshoot Assist Control (S-HAC) for launch dominance

SHOWA SFF-Air Fork lets you tune for the track in seconds

New, black anodized EXCEL aluminum rims



RM-Z450 COLORS



Champion Yellow No. 2 / Solid Black

The 2016 Suzuki RM-Z450 features the Suzuki Holeshoot Assist Control (S-HAC) system for dominant performance launching out of the gate on virtually any kind of track conditions. After you grab the hole shot, its exceptional power from idle to redline, remarkably crisp throttle response and incredibly precise handling let you dominate the competition. The RM-Z450 – when you're serious about winning!

RM-Z450 FEATURES

- New, competition inspired body panel colors, graphics and seat color.
- Front upper and lower fork clamps are anodized black, complementing the gold fork leg finish.
- New, black anodized Excel aluminum rims are made specifically to withstand rugged racing environments, including Supercross, Motocross and off-road conditions.
- 449cc 4-stroke liquid-cooled DOHC 4-valve fuel-injected engine delivers phenomenal idle-to-redline performance
- The compact aluminum cylinder is finished with Suzuki Composite Electrochemical Material (SCEM) coating for durability, light weight and efficient heat transfer.
- The piston pin has Diamond-Like Carbon (DLC) surface treatment, for less friction and increased durability.
- The Suzuki Holeshoot Assist Control (S-HAC) is a selectable launch system derived from the factory race bike to help riders' takeoff from the starting gate for an early lead. There are three modes riders can choose for the best option per their skill level and starting conditions.
 - **A Mode:** *For hard surfaces or slippery conditions at the starting gate. In this mode, S-HAC alters ignition timing at the moment of launch and the ride over the gate to reduce wheel slip to deliver a smooth take off. It also advances ignition timing during this sequence for stronger acceleration. After 1.2 seconds or when you reach third gear, the system shuts off and returns to normal ignition timing.*
 - To select A-Mode, hold down the S-HAC button on the left handlebar for more than 0.7 second, then the indicator light will start to slowly flash. Then release the button, the S-HAC is now set in A-Mode.
 - **Benefit of A-Mode:** For novice riders, and/or hard and slippery traction conditions, use A-Mode for a more controlled launch.
 - **B Mode:** *When conditions at the starting gate have better traction, and a more aggressive launch is desired. S-HAC will advance the ignition timing to allow increased throttle response and stronger acceleration off the line. The ignition timing alternation is in a similar sequence as Mode A, but with increased overall timing. One of three conditions will return the ignition to normal operation (whichever happens first):*
 - To select B-Mode, hold down the S-HAC button on the left handlebar for more than 1.8 seconds, then the indicator light will start to quickly flash. Then release the button, the S-HAC is now set in B-Mode.
 - **Base Mode:** *Standard power launch, no action required on the S-HAC switch.*
- There are three stages to **A Mode** and **B Mode** of the S-HAC system. This helps riders at the moment of launch, when crossing the gate, and through acceleration to the full-speed.
- Designed for motocross-use, the lightweight, battery-less, electronic fuel injection system with progressive throttle linkage delivers efficient power. A 12-hole fuel injector sprays a fine fuel/air mist for efficient combustion.
- For quick fuel adjustments to suit riding conditions, two couplers are provided. One is for rich and another for lean fuel settings compared to stock setting. Riders can change fuel settings in seconds by simply connecting either coupler to the wire harness.
- Engine starting is easy due to a long kick starter lever, refined internal gears, and decompression system that works precisely and efficiently.
- Cooling performance is efficient with hose routing that is balanced between the left and right radiators, and a high capacity coolant pump.
- Refined 5-speed transmission enables precise gear shift operation. The transmission feel has been improved with a precisely machined shift cam for accurate gear selection. Specialized machining processes also increase the precision of the matching gears.
- The frame has increased rigidity and reduced weight compared to the previous generation RM-Z450.
- Slim chassis design creates a trim riding position, allowing the rider to actively take control of the machine.
- The SFF-Air suspension evolved from the SFF system but without a conventional coil spring resulting in reduced weight, increased inner tube diameter and damper rod/piston size. SFF-Air utilizes three tunable chambers so riders can easily adjust the spring rate with an air pump instead of changing out steel springs.
- The SHOWA rear shock, with rising-rate linkage system, provides 12.2 inches of wheel travel and complements the SFF-Air fork.
- Lightweight front brake caliper has reduced mass while still providing outstanding stopping force.
- Race-inspired waved disc rotors are mounted to black EXCEL aluminum rims with stainless steel spokes.
- The standard Renthal Fatbar is stronger and reduces vibration more than conventional aluminum handlebars.
- Champion Yellow bodywork (including new yellow rear fender) with race team-inspired graphics package.
- New color gripper seat, with projected cross-shaped patterns on its yellow top surface, aids rider control.
- See Suzuki's industry leading Amateur Contingency program at www.RaceSuzuki.com.
- For more details, please visit www.suzukicycles.com.

RM-Z450 SPECIFICATIONS

Engine	449cc, 4-stroke, liquid-cooled, single cylinder, DOHC
Fuel System	Suzuki fuel injection
Ignition	Electronic ignition (CDI)
Starter	Primary kick
Transmission	5-speed constant mesh
Final Drive	Chain, DID520MXV4, 114 links
Suspension Front	Inverted telescopic, air spring, oil damped
Suspension Rear	Swingarm, link type, coil spring, oil damped
Brakes Front	Disc brake
Brakes Rear	Disc brake

Tires Front	80/100-21 51M, tube type
Tires Rear	110/90-19 62M, tube type
Overall Length	2190 mm (86.2 in)
Overall Width	830 mm (32.7 in)
Wheelbase	1495 mm (58.9 in)
Ground Clearance	325 mm (12.8 in)
Seat Height	955 mm (37.6 in)
Curb Weight	112 kg (247 lbs)
Fuel Tank Capacity	6.2 L (1.6 US gal)

RM-Z450 DETAILS

