

2019

GSX-S1000FZ



METALLIC MATTE BLACK NO. 2

GSX-S1000FZ

- // GSX-R-based engine has new throttle control for smooth, torque-rich power delivery
- // SCAS clutch-equipped drive line smooths shifting and engine braking
- // Advanced Traction Control* lets the rider select sensitivity to match road conditions
- // Twin-spar aluminum frame and KYB suspension delivers controlled handling
- // ABS-equipped** Brembo front brakes deliver improved stopping performance
- // Superb wind protection from the full fairing and smoked windshield

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AS MUCH AS THE GSX-R1000 OWNS THE RACETRACK, THE SUZUKI GSX-S1000FZ OWNS THE ROAD. THIS TOUR-READY SPORTBIKE CARRIES SUZUKI ENGINE PERFORMANCE TO THE STREET, WITH TECHNOLOGY AND COMPONENTS PACKAGED INTO A CHASSIS DESIGNED FOR ALL-DAY RIDING COMFORT.

THE 2019 GSX-S1000FZ IS POWERED BY A 999CC INLINE FOUR-CYLINDER POWERPLANT WITH A NEW THROTTLE CONTROL MECHANISM THAT HELPS CONTROL TORQUE-RICH POWER THAT'S IDEAL FOR STREET RIDING. IT'S NO SURPRISE THAT THIS POWERHOUSE IS BASED ON THE LEGENDARY LONG-STROKE GSX-R1000 ENGINE, WHICH IS KNOWN FOR MAKING BIG POWER THROUGH THE LOW- AND MID-RANGE TO DELIVER STREET-DOMINATING PERFORMANCE.

EQUIPPED WITH A POWERFUL ENGINE, SUZUKI'S ADVANCED TRACTION CONTROL SYSTEM*, A BALANCED KYB SUSPENSION, PLUS ABS-EQUIPPED** BREMBO AND NISSIN BRAKES, THE GSX-S1000FZ IS A STREET BIKE PACKED WITH SOME SERIOUS PERFORMANCE. TOP THAT PERFORMANCE OFF WITH A NEW, BLACKED OUT BODY TREATMENT ON A WIND-CHEATING FULL FAIRING AND YOU HAVE A TOURING-READY SPORTBIKE READY FOR THE OPEN ROAD OR CORNER CARVING.

GSX-S1000FZ / FEATURES

KEY FEATURES

- // The GSX-S1000FZ brings additional style with new, matte-finish black paint that has blue accents on the bodywork and wheels.
- // Fuel injected, 999cc, GSX-R-based engine has a new throttle control mechanism to smooth out the power delivery for 2019 to deliver a stimulating sportbike experience.
- // Using a design similar to the GSX-R1000R, the GSX-S1000FZ's Suzuki Clutch Assist System (SCAS) drive line smooths shifting and engine braking.
- // Suzuki Advanced Traction Control* lets the rider select sensitivity on-the-fly so engine power to the rear wheel matches road conditions.
- // Twin-spar aluminum frame and fully adjustable KYB-supplied suspension delivers controlled handling.
- // Dual floating front brake rotors and Brembo Monobloc brake calipers, plus an Anti-lock Brake System* (ABS), deliver controlled stopping power. Recent refinements, such as new front brake hoses, yield improved stopping performance with better feel at the lever.

ENGINE FEATURES

- // The strong, four-stroke, liquid-cooled, DOHC, 999cc, inline-four engine is designed to provide smooth throttle response and controlled acceleration.
- // Ventilation holes between the cylinders reduces pumping loss within the crankcase so the engine can deliver more power and torque.
- // Long-stroke GSX-R engine design has broad low- to mid-range power and torque that is ideal for street riding.
- // The profiles of the dual overhead camshafts were designed to enhance street performance while preserving peak racetrack-capable power.
- // Aluminum pistons, engineered with use of FEM (Finite Element Method) analysis, are cast with optimal rigidity and weight.
- // Suzuki Composite Electrochemical Material (SCEM)-plated cylinders integrated into the upper crankcase reduce friction and improve heat transfer and durability.
- // A new throttle mechanism is used so engine response is smooth and controlled during spirited riding or cruising.
- // The EFI system uses Suzuki's proprietary SDTV (Suzuki Dual Throttle Valve) throttle bodies, where the secondary throttle valves are controlled by a servo motor for smooth power delivery.
- // Long-tip, 10-hole fuel injectors on each 44mm throttle body improve fuel atomization while the automatic Idle Speed Control (ISC) improves cold starting and stabilizes the engine idle.
- // The digital ignition fires iridium-type spark plugs that increase spark strength and combustion efficiency, contributing to higher power, more linear throttle response, easier engine start-up, and a more stable idle. These quality components also last longer than conventional spark plugs.

- // The stainless steel 4-2-1 exhaust system helps the engine deliver a strong low- to mid-range punch with an exciting rush to redline.
- // The Suzuki Exhaust Tuning (SET) system—equipped mid-muffler design enhances style and aids in mass centralization for great chassis balance.
- // The sculpted muffler has a pleasing appearance that's not common to under-chassis exhausts while creating an exciting, distinctive sound.
- // Suzuki's Advanced Traction Control System* lets the rider control the throttle with more confidence in various riding conditions. As a result, the rider can enjoy sport riding with less anxiety. There are four traction control modes (1, 2, 3, and OFF) that the rider can easily adjust at rest or on-the-fly via a handlebar-mounted control. The difference between the modes is their sensitivity to road conditions.
 - Mode 1 is the lowest sensitivity level; most suitable for skilled riders or in conditions that have good road surface grip (sport riding on good, smooth roads).
 - Mode 2 is a moderate sensitivity level; suitable for most riders or in conditions that have varied road surface grip (city riding, regular road conditions).
 - Mode 3 is the highest sensitivity level; suitable for road conditions where the grip may be limited (wet or cold surfaces).
 - OFF disengages all traction control features.
- // The sides of the fairing efficiently guide cooling air to the high-capacity curved radiator. Additional heat is removed from the engine via the use of a lightweight and compact liquid-cooled oil cooler (like those used on the GSX-R models).

TRANSMISSION FEATURES

- // The race-proven six-speed close-ratio transmission features vertically staggered shafts to reduce overall engine length.
- // The SCAS-style clutch increases plate pressure under acceleration yet acts as a slipper clutch to smooth the engine response during engine braking and corner entry.
- // This large-diameter, wet multi-plate clutch uses a precise cable-activated release, providing the rider with superb friction-point feel.
- // The transmission's shift linkage helps the rider easily and quickly select the best gear for the riding conditions.
- // The strong, RK-supplied drive chain uses O-rings to preserve internal lubrication so power is transmitted smoothly and quietly.

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GSX-S1000FZ / FEATURES

CHASSIS FEATURES

- // Styled to complement the rest of the chassis and to house a bright dual headlight, the GSX-S1000FZ's full fairing slices through the wind so the rider benefits from the upright, sporty ergonomics.
- // Lightweight and compact chassis is engineered to be agile and fun to ride for a wide range of riders. This ability starts with the low-mass rigid aluminum main frame coupled with the strong aluminum alloy swingarm.
- // The 43mm inverted KYB forks have adjustable compression and rebound damping, and spring pre-load with a generous 120 mm (4.7 inch) of front wheel travel.
- // Link-type rear suspension, with arched aluminum swingarm and a single shock absorber featuring spring preload that is seven-way adjustable, with rebound damping force adjustment.
- // Dual front brakes with fully floating 310mm discs and Brembo Monobloc calipers with four 32mm opposed pistons provide strong and consistent stopping power.
- // The front brakes are complemented by a 240mm rear disc brake with a Nissin single-piston caliper to help make sure you can have controlled stops.
- // Refined front brake hoses yield improved stopping performance with better feel at the lever.
- // Both the front and rear brakes can be modulated by a compact Anti-lock Brake System (ABS) controller to match stopping force to the available traction.
- // Unique to the GSX-S1000 models, the TRP six-spoke lightweight cast aluminum wheels are shod with Dunlop radial tires (120/70ZR17 front and 180/50ZR17 rear).
- // Matte black aluminum Renthal Fatbar handlebar is standard equipment offering excellent riding ergonomics with great vibration damping.
- // The reasonable sport riding position is created by a carefully crafted relationship between the Renthal Fatbar, footrests, and seat.
- // Black finish on the shifter, rear brake, and both hand levers matches the flat-finish of the bodywork and the performance nature of the motorcycle.
- // The low seat height of 815mm (32 inches) contributes to the sporty yet upright riding position and aids rider confidence at stops.

ELECTRICAL FEATURES

- // The GSX-S1000FZ is equipped with Suzuki's Easy Start System that requires just a simple touch of the starter button to fire up the engine (without pulling the clutch lever if the transmission is in neutral).
- // The dual headlight assembly in the full fairing uses a pair of 55-watt H7 halogen bulbs – one for the low beam, while both illuminate for the high beam. The tail section houses an integrated LED tail light with clear lens.
- // The lightweight and compact instrument set uses an LCD display that includes speedometer, tachometer, odometer, dual trip meters, gear position, coolant temperatures, driving range, average fuel consumption, instantaneous fuel consumption, traction control, and clock functions.
- // The display has an adjustable-intensity, white-color backlight for great nighttime visibility and is flanked by LED indicators for the turn signals, high beam, malfunction, traction control, and ABS, plus coolant temperature and oil pressure alerts.

ADDITIONAL FEATURES

- // A variety of Genuine Suzuki Accessories, such as a tank bag and taller touring screen, are available, plus a large selection of logo apparel.
- // Suzuki 12-month limited warranty. Longer coverage periods with other benefits available through Suzuki Extended Protection (SEP).
- // For more details, please visit www.suzukicycles.com.

** The traction control system is not a substitute for the rider's throttle control. It cannot prevent loss of traction due to excessive speed when the rider enters a turn and/or applies the brakes. Neither can it prevent the front wheel from losing grip.*

*** Depending on road surface conditions, such as wet, loose, or uneven roads, braking distance for an ABS-equipped vehicle may be longer than for a vehicle not equipped with ABS. ABS cannot prevent wheel skidding caused by braking while cornering. Please drive carefully and do not overly rely on ABS.*

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GSX-S1000FZ / SPECS

ENGINE

Engine:	999cc, 4-stroke, liquid-cooled, 4-cylinder, DOHC
Bore x Stroke:	73.4 mm x 59.0 mm (2.890 in. x 2.323 in.)
Compression Ratio:	12.2:1
Fuel System:	Suzuki fuel injection with SDTV
Starter:	Electric
Lubrication:	Wet sump

DRIVE TRAIN

Transmission:	6-speed constant mesh
Clutch:	Wet, multi-plate type
Final Drive:	Chain, RK525GSH, 116 links

CHASSIS

Suspension, Front:	Inverted telescopic, coil spring, oil damped
Suspension, Rear:	Link style, single shock, coil spring, oil damped
Brakes, Front:	Brembo 4-piston, twin disc
Brake, Rear:	Nissin, 1-piston, single disc
Tire, Front:	120/70ZR17M/C (58W), tubeless
Tire, Rear:	190/50ZR17M/C (73W), tubeless
Fuel Tank Capacity:	17.0 L (4.5 US gal.)

ELECTRICAL

Ignition:	Electronic ignition (transistorized)
Spark Plug:	NGK CR9EIA-9 or DENSO IU27D
Headlight:	12V 60/55W (H4)
Taillight:	LED

DIMENSIONS

Overall Length:	2115 mm (83.3 in.)
Overall Width:	795 mm (31.3 in.)
Overall Height:	1180 mm (46.5 in.)
Wheelbase:	1460 mm (57.6 in.)
Ground Clearance:	140 mm (5.5 in.)
Seat Height:	810 mm (31.9 in.)
Curb Weight:	214 kg (472 lb.) 215 kg (474 lb.) CA model



2019 SUZUKI SPORT

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Preserve your future riding opportunities by showing respect for the environment, local laws, and the rights of others when you ride. Limited Warranty: The 2019 GSX-S1000FZ limited warranty covers a period of 12 months. See your dealer for details. Ask your participating dealer about Genuine Suzuki Accessories, the Suzuki Retail Finance Plan, and the Suzuki Extended Protection Plan. With the Suzuki Retail Finance Plan it's easy to afford and equip the machine that's perfect for you. Visit Suzukicycles.com for more information. Suzuki Motor of America, Inc., 3251 East Imperial Highway, P.O. Box 1100 Brea, CA 92822-1100. Suzuki, the "S" logo, and Suzuki model names are Suzuki trademarks or registered trademarks. ©2018 Suzuki Motor of America, Inc.