

GSX-R600**OVERVIEW**

The 2025 GSX-R600 embodies Suzuki's tradition of blending race-winning capability with impeccable street manners. The GSX-R600's compact, powerful, four-cylinder engine promptly reacts when the rider twists the throttle, while its supremely refined suspension and brakes provide precise, responsive handling. The superb ergonomics boost control and comfort while the iconic GSX-R bodywork looks great under any of the three available paint schemes.

The GSX-R600's race-ready look is not manufactured; it is the true byproduct of decades of production road racing dominance that continues to this day. For a rider considering a mid-size supersport bike at home on the track or the street, there is only one choice: the Suzuki GSX-R600.

Pearl Brilliant White/
Metallic Triton Blue*GSX-R750Z model shown*Pearl Brilliant White/
Metallic Matte Stellar BlueSolid Iron Gray /
Glass Sparkle Black

KEY FEATURES

- Developed through successful racing, the slim and lightweight bodywork creates an exciting, aerodynamic style that works exceptionally well at speed. The front turn signals are integrated into the rearview mirrors while the trim tail section houses the rear signals.
- The GSX-R600's compact, fuel-injected 599cc, four-cylinder engine with a race-proven over-square bore/stroke ratio produces remarkably strong high rpm power delivery.
- A race-proven back-torque-limiting clutch contributes to smoother downshifting and corner entry while the close-ratio six-speed transmission has Suzuki's legendary smooth and precise shifting characteristics that pay dividends on the street or racetrack.
- The twin-spar aluminum frame effectively connects the steering head with the swingarm pivot portion of the chassis in a way that balances light weight and strength. The Showa® Big Piston Front Fork (BPF) and remote reservoir rear shock absorber are adjustable to deliver exceptional handling.
- Suzuki Drive Mode Selector (S-DMS) offers push-button selection of two racing-developed engine control maps to suit road or track conditions and personal tastes.
- The compact, lightweight instrument cluster is track day-ready with a built-in lap timer/stopwatch and programmable shift light. The distinctive multi-reflector headlight with vertically stacked high- and low-beam halogen bulbs is centered between position lights.

ENGINE

- The compact, 599cc, four-cylinder engine with a race-proven over-square bore/stroke ratio produces remarkably strong high rpm power delivery.
- The energy-efficient engine employs forged pistons, shot-peened connecting rods, chrome-nitride-coated upper compression and oil control rings, and pentagonal ventilation holes that reduce frictional and mechanical losses.
- Lightweight and durable forged pistons were designed using the same Finite Element Method (FEM) and fatigue analysis technology used for the Suzuki MotoGP racing engines.
- Camshafts with aggressive valve-lift profiles use proven MotoGP racing engine technology – the first time this method has been applied to a production Suzuki.
- Lightweight titanium alloy valves are controlled by single-coil valve springs to reduce valve train mass, reducing mechanical losses at high rpm.
- Suzuki Dual Throttle Valve (SDTV) fuel injection uses eight fine-spray eight-hole injectors for improved fuel atomization, which contributes to more complete combustion.
- The four-into-one stainless steel exhaust system uses a titanium muffler fitted with a Suzuki Exhaust Tuning (SET) valve that maximizes torque and improves throttle response, especially in the low- to mid-rpm range.
- An Engine Control Module (ECM) provides state-of-the-art engine management and has enhanced settings to suit the intake and exhaust systems, resulting in better fuel economy and linear throttle response.
- Advanced, MotoGP-developed transistorized ignition control programming helps maintain more precise spark timing across the ranges of engine speed and temperature.

DRIVELINE

- The close-ratio six-speed transmission features a taller first-gear ratio and shorter ratios for second, third, fourth, and sixth gears, making it easier for a racer to get a good start while improving straight-line acceleration and drive out of corners.
- A race-proven back-torque-limiting clutch contributes to smoother downshifting and corner entry.

CHASSIS

- The lightweight and compact twin-spar aluminum alloy frame is constructed of five cast sections producing an optimum balance of light weight and strength.
- The frame is mated with a cast aluminum swingarm and multi-piece rear sub-frame that are ready for racetrack use.
- A race-developed, lightweight Showa® Big Piston Front Fork (BPF) delivers superb feedback and consistent performance.
- The single Showa® rear shock absorber features externally adjustable rebound and compression damping, along with adjustable ride height.
- An electronically controlled steering damper provides lighter steering at slower speeds with more damping force for higher racetrack and highway speeds.
- Front brakes with fully floating 310mm discs are grasped by radial-mount, four-piston Brembo® Monobloc calipers.
- Three-spoke cast aluminum alloy wheels are shod with lightweight, high-grip front and rear tires for sharp handling.

ELECTRONIC RIDER AIDS

- The Suzuki Drive Mode Selector (S-DMS) offers push-button selection of two racing-developed engine control maps to suit road or track conditions and personal tastes.

ELECTRICAL

- The compact, lightweight instrument cluster with a built-in lap timer/stopwatch and programmable engine rpm indicators alert the rider to certain shift points.
- The instrument cluster also includes an analog tachometer and LCD readouts that show speed, odometer, dual trip meter, reserve trip meter, clock, coolant temperature/oil pressure indicator, S-DMS, and gear position indicators.
- A distinctive multi-reflector headlight with vertically stacked high- and low-beam halogen bulbs is centered between position lights on each side.
- The front turn signals are integrated into the rearview mirrors while the trim tail section houses the rear signals.
- Bright, durable LED taillight, with a clear lens.

BODY

- Trim, simple, and lightweight bodywork creates an exciting, aerodynamic style that works exceptionally well at speed.
- The attention to rider comfort and confidence includes a carefully shaped seat with a high-grip cover.
- Three-way adjustable footpegs, an adjustable shift lever, and short fuel tank length help compose a comfortable riding position permitting the rider movement required for performance riding.
- Two eye-catching paint schemes are available for the 2025 GSX-R600: a Pearl Brilliant White / Metallic Matte Stellar Blue scheme plus the new Solid Iron Gray / Glass Sparkle Black paint combination.
- The 2025 GSX-R600Z sports a race-inspired Pearl Brilliant White / Metallic Triton Blue paint scheme.



GSX-R 600

ADDITIONAL

- Stylized Suzuki logos and emblems on the fuel tank and the fork's upper bracket denote the quality, sophistication, and performance legacy of the brand.
- Optional single seat tail cowl can replace the passenger seat for an even more aggressive look or for use on solo rides or track days.
- A variety of Genuine Suzuki Accessories for GSX-R owners are available, including a large selection of Suzuki logo apparel.
- 12-month unlimited mileage limited warranty. Longer coverage periods with other benefits available through Suzuki Extended Protection (SEP).
- For more details, please visit www.suzukicycles.com.

SPECIFICATIONS

ENGINE

Engine:	599cc, 4-stroke, liquid-cooled, 4-cylinder, DOHC
Bore x Stroke:	67.0 mm x 42.5 mm (2.638 in. x 1.673 in.)
Compression Ratio:	12.9:1
Fuel System:	Fuel injection with SDTV
Starter:	Electric
Lubrication:	Wet sump

DRIVETRAIN

Clutch:	Wet, multi-plate type
Transmission:	6-speed constant mesh
Final Drive:	Chain, RK®525SM0Z8, 114 links

CHASSIS

Suspension, Front:	Inverted telescopic, coil spring, oil damped
Suspension, Rear:	Link type, single shock, coil spring, oil damped
Brake, Front:	Brembo®, 4-piston, twin disc
Brake, Rear:	Nissin®, 1-piston, single disc
Tire, Front:	120/70ZR17M/C (58W), tubeless
Tire, Rear:	180/55ZR17M/C (73W), tubeless
Fuel Tank Capacity:	17.0 L (4.5 US gal.) 16.0 L (4.2 US gal.) CA model

ELECTRICAL

Ignition:	Electronic ignition (transistorized)
Spark Plugs:	NGK® CR9EIA-9 or DENSO® IU27D
Headlight:	12V 65W (H9 high-beam) and 12V 55W (H7 low-beam)
Tail Light:	LED

DIMENSIONS

Overall Length:	2030 mm (79.9 in.)
Overall Width:	710 mm (28.0 in.)
Overall Height:	1135 mm (44.7 in.)
Wheelbase:	1385 mm (54.5 in.)
Ground Clearance:	130 mm (5.1 in.)
Seat Height:	810 mm (31.9 in.)
Curb Weight:	187 kg (412 lb.)

WARRANTY

Warranty:	12-month unlimited mileage limited warranty <i>Longer coverage periods with other benefits are available through Suzuki Extended Protection (SEP).</i>
------------------	---

Suzuki Motor USA, LLC makes every effort to present the most current specifications and product features at the time of publication. Because of our policy of continual improvement, changes may be made in equipment, availability, and specifications without notice or obligation. At Suzuki, we want every ride to be safe and enjoyable. Always wear a helmet, eye protection, and protective clothing. Never ride under the influence of alcohol or other drugs. Study your owner's manual and always inspect your Suzuki before riding. Always supervise young riders. Take an MSF skills course. For the street course nearest you, call 1-800-446-9227. Preserve your future riding opportunities by showing respect for the environment, local laws, and the rights of others when you ride. Limited Warranty: The 2025 GSX-R600's 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 is easy to afford and equip the machine that is perfect for you. Visit Suzukicycles.com for more information. Suzuki Motor USA, LLC, 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.