

2019

GSX-S750Z

 **SUZUKI**



METALLIC MATTE BLACK NO. 2

GSX-S750Z

- // Fuel injected, GSX-R750-based engine blends horsepower and torque
- // Advanced Traction Control* lets the rider select sensitivity to match road conditions
- // Hybrid tubular girder and twin-spar sportbike frame is fitted with KYB suspension
- // Four-piston front brake calipers and wave-style rotors deliver great stopping performance
- // Aggressive, blacked out street-fighter styling and upright riding position

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THE GSX-S750Z BLENDS GSX-R750-DERIVED ENGINE PERFORMANCE WITH AN ERGONOMICALLY SOUND CHASSIS TO FASHION A NAKED SPORTBIKE THAT GATHERS ATTENTION EVERYWHERE YOU RIDE IT THANKS TO ITS DARK, SINISTER APPEARANCE.

THE GSX-S750Z'S AGGRESSIVE STYLING WITH BLACKED OUT ENGINE AND CHASSIS COMPONENTS SET IT APART FROM OTHER MIDDLEWEIGHT SPORTBIKES, AND MANY OF THOSE COMPETITORS COST CONSIDERABLY MORE TO PURCHASE AND OWN.

AS WITH THE GSX-S1000, THIS GSX-S750Z INHERITS ITS HEART AND SOUL FROM SUZUKI'S MOTOGP RACE EXPERIENCE AND THE 30-YEAR HERITAGE OF THE GSX-R750.

WITH STRONG, TORQUE-RICH ENGINE POWER AND A SUITE OF RIDER-ASSIST FEATURES, THIS GSX-S750Z IS READY TO CAPTURE HEARTS AND TURN HEADS AS THE PERFORMANCE VALUE LEADER IN ITS CLASS.

THIS IS THE PERFECT SPORTBIKE RESPONSE TO THE CRAVING OF TODAY'S DISCRIMINATING RIDERS, AS THE GSX-S750Z LOOKS GREAT AND OUTPERFORMS OTHER ENTRIES IN THE CLASS. IT IS NIMBLE, COMFORTABLE, AND AN EXHILARATING, FUN RIDE THAT RETAINS SUZUKI'S HERITAGE OF QUALITY AND RELIABILITY.

GSX-S750Z / FEATURES

KEY FEATURES

- // New fuel injected, 749cc, four-cylinder engine uses GSX-R architecture to deliver a torque-rich sportbike experience.
- // Suzuki Advanced Traction Control* lets the rider select sensitivity to match road conditions. Changes can be made on the fly so the rider can adapt the power delivery to changing conditions.
- // The unique chassis integrates the best qualities of a tubular girder streetbike frame and a twin-spar sportbike frame, and is fitted with KYB suspension to provide precise handling.
- // The front Nissin Monobloc, four-piston brake calipers and twin, wave-style brake rotors bring strong and consistent braking performance.
- // Metallic Matte Black and Glass Sparkle Black paint scheme with aggressive blacked out styling surround an ergonomically comfortable yet sporty riding position.

ENGINE FEATURES

- // Potent 749cc, four-cylinder, fuel injected engine uses 2005 GSX-R750 architecture, so the power delivery is an excellent blend of strong low end and a muscular top end.
- // Using the K5-generation GSX-R engine architecture also permits a shorter chassis, which greatly enhances handling. This also makes the GSX-S750 the only motorcycle in its class with an engine with SuperSport lineage.
- // Ventilation holes are machined into the bottom side of each cylinder in the GSX-S750Z crankcase. The holes reduce pumping loss to help produce power and gain fuel economy.
- // Camshafts tuned specifically for the GSX-S750Z deliver a dynamic wave of smooth torque and strong acceleration.
- // Throttle bodies with Suzuki Dual Throttle Valve (SDTV) system contribute to better throttle response and torque at the low- to mid-rpm range, while still producing peak performance.
- // Ten-hole, long-nose fuel injectors deliver finer atomized fuel to increase combustion efficiency.
- // Suzuki's patented, Throttle-body Integrated Idle Speed Control (TI-ISC) stabilizes the engine idle speed and helps lower emissions. The system is compact and lightweight.
- // The TI-ISC on the GSX-S750Z has Suzuki's Low RPM Assist feature that seamlessly adjusts engine speed during takeoff and low-speed riding to smooth the power delivery and to help reduce the possibility of the rider stalling the motorcycle.
- // A large-capacity airbox is used to match the high engine output. The air inlets have been designed to provide an exciting auditory experience.
- // The Engine Control Module (ECM) provides state-of-the-art engine management and has carefully developed settings to suit the intake and exhaust systems, resulting in linear throttle response and class-leading fuel economy.

// Suzuki's Advanced Traction Control System* lets the GSX-S750Z 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 are 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, that is 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 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. A larger catalyzer is in the mid-pipe to assist in emissions control without sacrificing performance.

// Angular radiator shrouds efficiently guide cooling air to the high-capacity radiator. Additional heat is removed from the engine via the use of a lightweight and compact liquid-cooled oil cooler (like those used on GSX-R600 and 750 models).

TRANSMISSION FEATURES

- // The race-proven, six-speed, close-ratio transmission features vertically staggered shafts to reduce overall engine length.
- // The shorter, final gear ratio enables the GSX-S750Z to accelerate quicker than the prior model while the additional engine power maintains the same top speed potential.
- // Large-diameter, wet multi-plate clutch is derived from a GSX-R750 design to easily transmit power while the rack-and-pinion clutch release provides the rider with superb friction-point feel.
- // The refined shift linkage helps the rider easily and quickly select the best gear for the riding conditions.
- // The strong drive chain uses O-rings to preserve internal lubrication so power is transmitted smoothly and quietly.

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GSX-S750Z / FEATURES

CHASSIS FEATURES

- // With styling influenced by the GSX-S1000, but with its own aggressive turn, the GSX-S750Z bodywork looks wild and forceful yet keeps the rider comfortable at all times.
- // The headlight nacelle provides a visual focal point, while the under-cowl connects the chassis styling to the engine and exhaust system.
- // Frame design combines the advantages of a compact tubular-style street bike frame and a twin-spar sportbike frame to deliver a dynamic ride. A reasonable sport riding position is created by a carefully crafted relationship between the handlebars, footrests, and seat.
- // Large-diameter, matte-black, tapered handlebars damp vibration while adding style and good control leverage for the rider.
- // The low seat height of 820mm (32.2 inches) contributes to the sporty yet upright riding position and aids rider confidence at stops.
- // Four-piston Nissin Monobloc brake calipers squeeze twin, 310mm, wave-style brake rotors up front with a single-piston rear caliper out back to help deliver controlled stops.
- // Inverted, black anodized KYB fork features a spring preload-adjustable design, which provides a solid foundation for the Nissin radial-mount brake calipers.
- // The trapezoidal, beam-type swingarm tapers down to precise chain adjusters that add strength and style.
- // Link-type rear suspension, with a single shock absorber working through a progressive linkage, has seven-way adjustable spring preload.
- // Developed directly for the GSX-S750 models, the 10-spoke cast aluminum wheels from TPR hold Bridgestone Battleax Hypersport S21 radial tires that deliver increased grip and stability.
- // The black-finish, aluminum hand and foot controls provide excellent action and contribute to the motorcycle's sporty style.

ELECTRICAL FEATURES

- // This GSX-S750Z has the 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).
- // Distinctively shaped headlight nacelle contains a bright 60/55-watt H4 halogen bulb. The tail section houses an integrated LED tail light with a dual-pane, red/clear lens.
- // Similar to the GSX-S1000, the new lightweight and compact instrument panel 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 a clock function.
- // 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, and traction control, plus coolant temperature and oil pressure alerts.
- // A three-phase charging system, with an oil-cooled stator, keeps the maintenance-free battery up to charge for trouble-free operation.

ADDITIONAL FEATURES

- // A variety of Genuine Suzuki Accessories are available for the GSX-S750Z, such as a solo seat cowl and sport screen, 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.*

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GSX-S750Z / SPECS

ENGINE

Engine:	749cc, 4-stroke, liquid-cooled, 4-cylinder, DOHC
Bore x Stroke:	72.0 mm x 46.0 mm (2.834 in. x 1.811 in.)
Compression Ratio:	12.3:1
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, RK525, 114 links

CHASSIS

Suspension, Front:	Inverted telescopic, coil spring, oil damped
Suspension, Rear:	Link type, single shock, coil spring, oil damped
Brake, Front:	Nissin, 4-piston caliper, twin disc
Brake, Rear:	Nissin, 1-piston caliper, single disc
Tire, Front:	120/70ZR17M/C (58W), tubeless
Tire, Rear:	180/55ZR17M/C (73W), tubeless
Fuel Tank Capacity:	16.0 L (4.22 US gal.)

ELECTRICAL

Ignition:	Electronic ignition (transistorized)
Spark Plug:	NGK CR9EIA-9 or DENSO IU27D (x 4)
Headlight:	12V 60/55W (H4)
Taillight:	LED

DIMENSIONS

Overall Length:	2125 mm (83.7 in.)
Overall Width:	785 mm (30.9 in.)
Overall Height:	1055 mm (41.5 in.)
Wheelbase:	1455 mm (57.2 in.)
Ground Clearance:	135 mm (5.3 in.)
Seat Height:	820 mm (32.2 in.)
Curb Weight:	211 kg (465 lb.)



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