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Suzuki Unveils the All-New GSX-S1000GX and GSX-8R



GSX-S1000GX



GSX-8R

Suzuki Motor Corporation has unveiled the all-new crossover model, GSX-S1000GX and sport model GSX-8R at the EICMA 2023 (Milan Show), which is held in Milan, Italy from 7 to 12 November 2023^{*1}. Sales for the GSX-S1000GX will start from December 2023, and the GSX-8R from January 2024 globally, primarily in Europe and North America.

*1 Press days: 7 to 8 November. Public days: 9 to 12 November.

<GSX-S1000GX>

The all-new GSX-S1000GX is a crossover model that combines sport-tourer and adventure elements. By adopting the engine from the GSX-S1000 series, it inherits the power performance required for sport riding while also incorporating new technologies and equipment to enhance touring capabilities. The styling features an aggressive silhouette that embodies the performance of a sport bike, combined with a modern design that pursues a comfortable upright riding position for touring.

The GSX-S1000GX is Suzuki's first motorcycle which has been equipped with the Suzuki Advanced Electronic Suspension (SAES), which electronically controls the suspension damping and preload according to vehicle speed,

road surface conditions, and changes in posture caused by the brakes. Suzuki has also developed and equipped the unique Suzuki Road Adaptive Stabilization (SRAS) program, which detects uneven road surfaces and automatically switches the suspension control amount by incorporating SAES with data from the Inertial Measurement Unit (IMU) and other sources. As a result, it is possible to achieve both a smooth ride with suppressed vibration on unpaved roads, and dynamic sport performance on paved roads.

In addition, the model is equipped with a variety of electronic control functions, such as the SDMS- α system for integrated management of power characteristics, traction control levels, and SAES damping settings, as well as the Motion Track Brake System that can activate ABS even when leaning into corners. This well-rounded crossover model allows riders to easily master high levels of intelligence and performance, regardless of the situation, road conditions, or riding experience.

Main Features and Specifications

GSX-S1000GX		Feature	Description
Equipment	S.I.R.S. (Suzuki Intelligent Ride System)	SDMS- α (Suzuki Drive Mode Selector Alpha)	Integrated management of power output characteristics (3 levels), traction control (7 levels+off), and suspension damping (4 levels)
		SRAS (Suzuki Road Adaptive Stabilization)	Detects road surface conditions and automatically switches the amount of suspension control
		Automatic Rear Suspension Modes	Electronically controls rear suspension preload. Able to select from Auto and 3 Manual modes. When Auto is selected, it also controls damping.
		Ride-by-wire Electronic Throttle System	
		Bi-Directional Quick Shift System	Able to shift up/down without clutch and throttle operation
		Smart Cruise Control	Able to shift up/down while cruising without throttle operation
		Motion Track Brake System	Support the tracing of rider's intended line by activating ABS while leaning into corners
		Slope Dependent Control System	Suppress rear wheel lift while braking downhill
		Suzuki Easy Start System	Can start engine with one quick press of the button without clutch operation
		Low RPM Assist	Assists smooth launch from start or slow speed
	Windscreen		3-position Adjustable
	Others	Floating handle bars and mirrors, knuckle covers, rear carrier, accessory heat restraining seat	
Specs	Overall L x W x H (mm)	2,150 x 925 x 1,350	
	Wheelbase (mm)	1,470	
	Ground Clearance (mm)	155	
	Seat Height (mm)	845	
	Curb Weight (kg)	232	
	Tire (front)	120/70ZR17M/C Tubeless	
	Tire (rear)	190/50ZR17M/C Tubeless	
	Engine Type	999cm ³ Liquid-Cooled 4 Cycle In-line 4-Cylinder DOHC Engine	
	Fuel Tank (L)	19	
	Fuel Consumption (km/L, WMTC)	16.1	
	CO ₂ Emissions (g/km, WMTC)	144	

<GSX-8R>

The new GSX-8R is a sport model that allows riders of all ages and skill levels to enjoy various types of riding, from urban streets to winding roads and circuits. Based on the GSX-8S, which has received high praise worldwide, the GSX-8R is equipped with a fairing and separate handlebars suitable for sport riding. The design incorporates the heritage of Suzuki's sport bikes, presenting functional beauty by exposing the engine and seat rail, resulting in a modern and innovative design. With a 776cm³ parallel 2-cylinder engine and a frame designed to match it, as well as a suspension with large pistons, the GSX-8R is a versatile model suitable for everyday use, sport riding, and touring.

Main Features and Specifications

GSX-8R		Feature	Description
Equipment	S.I.R.S (Suzuki Intelligent Ride System)	SDMS (Suzuki Drive Mode Selector)	Able to choose from 3 different power output characteristics
		STCS (Suzuki Traction Control System)	Limits power output when wheel spin is detected
		Ride By Wire	
		Bi-Directional Quick Shift System	Able to shift up/down without clutch and throttle operation
		Suzuki Easy Start System	Can start engine with one quick press of the button without clutch operation
		Low RPM Assist	Assists smooth launch from start or slow speed
	Front Suspension	SHOWA SFF-BP*2	
Instrument Panel	5-inch Color TFT LCD Multi-Information Display		
Specs	Overall L x W x H (mm)	2,155 x 770 x 1,135	
	Wheelbase (mm)	1,465	
	Ground Clearance (mm)	145	
	Seat Height (mm)	810	
	Curb Weight (kg)	205	
	Tire (front)	120/70ZR17M/C Tubeless	
	Tire (rear)	180/55ZR17M/C Tubeless	
	Engine Type	776cm ³ Liquid-Cooled 4 Cycle Parallel 2-Cylinder DOHC Engine	
	Fuel Tank (L)	14	
	Fuel Consumption (km/L, WMTC)	23.8	
	CO2 Emissions (g/km, WMTC)	99	

*2 SFF-BP is a registered trademark of Hitachi Astemo, Ltd.