

GSXR 1100

Hyper Sports

*The Perfect Blend of Racing (race)
with Winning Performance*



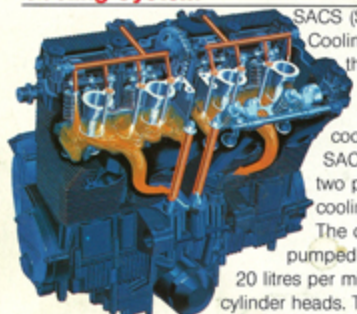
Stand is optional.

SUZUKI

Envision Ultimate Power

Suzuki introduces the most exciting sport and endurance racer ever. On the outside the powerful GSX-R1100 is circuit-ready with the ultimate racing design. On the inside it's got what it takes to deliver the world's fastest 1-litre-class performance.

Suzuki's Superior Lightweight Cooling System



SACS (Suzuki Advanced Cooling System) keeps the hottest part of the engine — the cylinder head — cooler. The oil in the SACS engine serves two purposes — cooling and lubrication. The cooling oil is pumped at a tremendous

20 litres per minute to the cylinder heads. The oil is then jetted through eight nozzles at very high speeds to break down the heat dams that normally build when a liquid contacts hot metal. The result is more heat drawn from the head. The oil then returns to mix with the lubricating oil, and together they are sent to a high-capacity cooler. Engine oil remains 30°C to 40°C cooler than that in air-cooled systems. The SACS system is also lighter, more compact and simpler than water-cooling systems.

New Electrically Activated Suspension (NEAS)

Suzuki's NEAS system combines the advantages of positive damping and anti-nose-dive devices with electronic control for unsurpassed cornering stability and surer braking. NEAS employs an electronic sensor in the brake lever that reacts instantaneously to control fork travel before receiving any shock from the ground. Unlike conventional system, NEAS does not use the

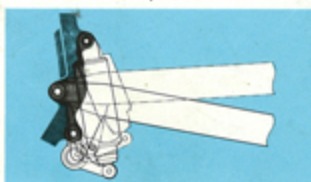
hydraulic brake fluid, so braking remains firm. Just as important, NEAS controls fork travel during cornering to maintain firm suspension for cornering stability.



New Full-Floater Suspension

Suzuki's renowned Full-Floater suspension incorporates a new free-rolling eccentric cam at the point connecting the swing arm with the rear cushion lever. As the suspension is compressed, the cam rotates, altering the spring-load to axle-load ratio. The effects are comfort at normal riding compression, smoothness at mid-range compression and firmness at maximum compression. What's more, this design

allows a reduction in the size of the New Full Floater as well as a 35% reduction in the number of parts and a 50% reduction in weight.



Computer-Designed Aluminum Box Frame



Lightweight and rigid, the GSX-R1100 multi-rib aluminum box (MR-ALBOX) frame is computer designed to perfectly match the weight, wheelbase and performance of this hyper motorcycle. The ideal design makes the MR-ALBOX frame only 12.8kg — about 25% lighter than conventional frames. Yet the GSX-R1100 frame is stronger than other frames.



SPECIFICATIONS

DIMENSIONS AND DRY MASS	
Overall length	2,115 mm (83.3 in)
Overall width	745 mm (29.3 in)
Overall height	1,215 mm (47.8 in)
Wheelbase	1,460 mm (57.5 in)
Ground clearance	125 mm (4.9 in)
Seat height	810 mm (31.9 in)
Dry mass	197 kg (434 lb)
PERFORMANCE	
Maximum power	95.7 kW (130 ps) at 9,500 r.p.m. Export Standard
Maximum torque	10.8 Nm (10.5 kg-m, 75.9 lb-ft) at 8,500 r.p.m. Export Standard
ENGINE	
Type	Four-stroke, air-cooled, with SACS DOHC, 190CC, 4 cylinder
Bore x Stroke	76.0 mm (2.992 in) x 58.0 mm (2.283 in)
Piston displacement	1,052 cm ³ (64.2 cu. in)
Compression ratio	9.7:1
Carburetor	Mikuni BST34SS, four
Starter system	Electric
Lubrication system	Wet sump
TRANSMISSION	
Clutch	Wet multi-plate type, hydraulically operated
Transmission	5-speed constant mesh
CHASSIS	
Front suspension	NEAS (New Electrically Activated Suspension) telescopic, coil spring, oil damped, spring preload 4-way adjustable
Rear suspension	Full-floater suspension system, spring preload fully adjustable, damping force 4-way adjustable
Front brake	Disc brake, twin, hydraulically operated
Rear brake	Disc brake, hydraulically operated
Front tire size	110/80VR18 V260
Rear tire size	140/70VR18 V260
ELECTRICAL	
Ignition type	Transistorized
CAPACITIES	
Fuel tank	19.0 L (5.0/4.2 US/imp gal) Reserve 4.0 L (4.2/3.5 US/imp qt)

SUZUKI MOTOR CO., LTD. reserves the right to change, without notice, equipment, specifications, colour, materials and other items to apply to local conditions.