

# SV650S

 SUZUKI





# V-Twin Performance Technology, Engineered for Fun

Combining a compact state-of-the-art V-Twin engine with a rigid and lightweight chassis built around an innovative aluminum-alloy truss frame, the SV650S re-establishes the 650cm<sup>3</sup> sportsbike class. Enjoy the power unit's distinct, strong rumble that captures the essence of V-Twin motorcycling and its smooth, efficient power delivery. Savor the nimble handling achieved by a thoroughly integrated engine and chassis design. See how its sporting riding position, dynamic form highlighted by its stylish and functional half-fairing, and smooth-shifting transmission geared for the open road enhance the feeling of freedom on the open road. The SV650S. Ready for your ride.

## SV650S



YDA8 : Metallic Sonic Silver

- 645cm<sup>3</sup> 90° V-Twin engine features strong, responsive and efficient power delivery.
- Innovative designs such as staggered transmission shafts and short crankshaft keep the engine compact.
- Digital electronic ignition, with timing based on throttle position and engine rpm and with separate timing maps for front and rear cylinders, enhances the engine's smooth power delivery and fuel efficiency.
- Downdraft 39mm CV carburetors and power-enhancing straight intake ports together keep the throttle response quick.
- Coolant passageways built into the engine cases and clutch cover reduce external hoses. Durable plastic outer clutch cover and engine sprocket cover reduce weight and mechanical noise.
- The transmission features a reduced-friction shifting mechanism, and a lubricating system that sprays oil directly onto the surface of the transmission gear teeth to enhance durability.
- The innovative aluminum truss frame, featuring extruded oval-section main tubes, along with the braced aluminum-alloy swingarm, is built for light weight and excellent rigidity.
- 41mm front forks and progressive-linkage rear suspension, both spring preload adjustable, deliver sporty handling.

- 120/60 ZR17 front and 160/60 ZR17 radial tires.
- Front brakes with 290mm floating dual discs, twin-piston caliper and sintered metal pads; rear brake with 240mm disc, twin-piston calipers and semi-metallic pads.
- The SV650S also features: a hinged fuel tank allowing convenient access to the air filter and rear cylinder spark plug, maintenance-free battery, and a storage compartment under the passenger seat for U-shaped hooks and other small items.
- The sporty performance of the SV650S is accentuated with a half fairing with dual integrated headlamps, a fairing-mounted instrument panel, streamlined side-mount mirrors, and clip-on handlebars.



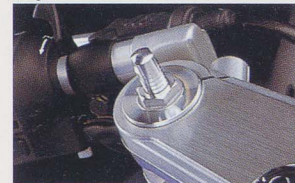
Y7L : Metallic Saturn Black



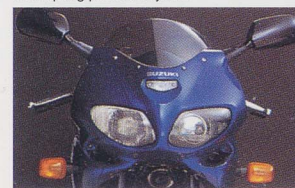
Y9H : Pearl Lively Yellow



Hinged fuel tank



Fork spring preload adjuster



Dual headlamps

### SV650S SPECIFICATIONS

Engine type	4-stroke, 90° V2-cylinder, liquid-cooled, DOHC, TSSC	
Piston displacement	645cm <sup>3</sup>	
Bore × stroke	81.0mm × 62.6mm	
Compression ratio	11.5 : 1	
Carburetor	MIKUNI BDSR39, twin	
Starter system	Electric	
Transmission	6-speed constant mesh	
Drive system	Chain	
Overall length	2,045mm (80.5 in.)	
Overall width	740mm (29.1 in.)	
Overall height	1,130mm (44.5 in.)	
Wheelbase	1,420mm (55.9 in.)	
Ground clearance	140mm ( 5.5 in.)	
Seat height	805mm (31.7 in.)	
Dry weight	169kg (372 lbs)	
Suspension	front	Telescopic, coil spring, oil damped, spring preload adjustable
	rear	Link type, coil spring, oil damped, spring preload adjustable
Brakes	front	Disc, twin
	rear	Disc
Tires	front	120/60 ZR17(55W)
	rear	160/60 ZR17(69W)
Ignition type	Electronic ignition	
Fuel tank	16.0L(4.2 US gal.)	
Body colors	YC2 : Candy Grand Blue YD8 : Metallic Sonic Silver Y7L : Metallic Saturn Black Y9H : Pearl Lively Yellow	

Specifications shown have been achieved by production models under standard operating conditions. Data is intended to describe the motorcycle fairly but may not apply to every machine. Suzuki reserves the right to change specifications, equipment, materials, colour or any other item without notice. Actual colours may differ from the colours printed in this brochure. Please confirm the full specification of a particular machine with your dealer prior to purchase. All details correct at time of going to print.

- Always wear approved helmet, eye protection and protective clothing
- Read and understand the owner's manual before riding the machine
- Never ride under the influence of alcohol or other drugs

For more information, contact your local Authorised Suzuki Dealer or telephone the 24 hour hotline: 01892 707001 [www.suzuki.co.uk](http://www.suzuki.co.uk) Suzuki Information Department, P.O. Box 56, Tunbridge Wells, Kent TN1 2XY

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Part No: MB02SV650S-LEAF

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