

SV650

 **SUZUKI**



V-Twin Sportbike Enjoyment, Redefined

The strong rumble and smooth power delivery of a torquey, performance-engineered V-Twin powerplant. Nimble, agile handling and all-day comfort. The SV650 redefines V-Twin sportbike enjoyment with advanced designs and features that capture the essence of 650cm³ motorcycling. The state-of-the-art power unit with a compact, upright-V design delivers exciting power and is well-integrated with a rigid and lightweight chassis featuring an innovative aluminum-alloy truss frame to bring you maximum agility. The handlebars and footpegs are positioned for all-day comfort. And the smooth-shifting transmission is geared for acceleration around town. Whether a weekend jaunt, week-long cruise or everyday commute, the SV650 turns every ride into something to look forward to.

SV650



Y7L : Metallic Saturn Black

- 645cm³ 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.

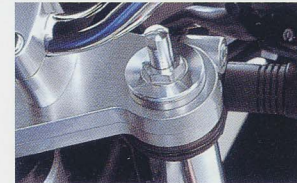
- 41mm front forks and progressive-linkage rear suspension, both spring preload adjustable, deliver sporty handling.
- 120/60 ZR17 front and 160/60 ZR17 radial tires.
- Front brakes with 290mm floating dual discs, twin-piston calipers and sintered metal pads; rear brake with 240mm disc, twin-piston caliper and semi-metallic pads.
- The SV650 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 versatile performance of the SV650 is enhanced with a comfortable and roomy semi-upright riding position with tubular handlebars, and gear ratios chosen with emphasis on in-town acceleration.



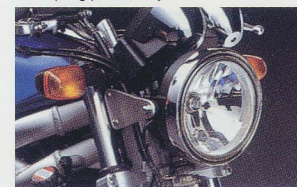
Y2C : Candy Grand Blue YD8 : Metallic Sonic Silver



Hinged fuel tank



Fork spring preload adjuster



Multi-reflector headlamp

SV650 SPECIFICATIONS

Engine type	4-stroke, 90° V2-cylinder, liquid-cooled, DOHC, TSCC	
Piston displacement	645cm ³	
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	2,070mm (81.5 in.)	
Overall width	750mm (29.5 in.)	
Overall height	1,060mm (41.7 in.)	
Wheelbase	1,430mm (56.3 in.)	
Ground clearance	140mm (5.5 in.)	
Seat height	805mm (31.7 in.)	
Dry weight	165kg (363 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	Y9H : Pearl Lively Yellow Y7L : Metallic Saturn Black Y2C : Candy Grand Blue YD8 : Metallic Sonic Silver	

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 Suzuki Information Department, P.O. Box 56, Tunbridge Wells, Kent TN11 2XY

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Part No: MB02SV650-LEAF

 **SUZUKI**
Ride the winds of change