



Way of Life!

SV650S

including ABS version "SV650SA"



Photo : SV650SA

# Roads. Try Them All, Enjoy Them All

It doesn't matter where or which way you go. The SV650S with a smart combination of advanced features - a lively V-Twin engine with innovative SDTV fuel injection, aluminum-alloy truss frame, a sleek half fairing, comfortable riding position and more - is a bike created to make every trip a ride down a favorite road. Roads. Try them all, enjoy them all, from the seat of the SV650S.



including ABS version "SV650SA"



Photo : SV650S

Pearl Nebular Black (YAY)



645cc DOHC V-Twin engine



ABS\* (SV650SA only)



LED taillight

- 645cm<sup>3</sup>, liquid-cooled, 90-degree V-Twin engine is tuned to deliver broad powerband and crisp throttle response with class-leading power and torque.
- High-quality engine components include cast-aluminum-alloy pistons shaped to minimize reciprocating weight and shot-peened chrome-moly-steel connecting rods.
- Downdraft, straight-port cylinder head and compact 11.5:1 compression ratio combustion chamber for efficient combustion.
- Innovative Suzuki Dual Throttle Valve (SDTV) digital fuel injection system, featuring secondary butterfly valve in each 39mm throttle body, brings more seamless, linear throttle response along with strong torque at low-to-mid rpm range.

- Auto Fast Idle System (AFIS) contributes to easy engine start.
- Suzuki Pulsed-secondary AIR-injection (PAIR) further reduces exhaust emissions.
- Antilock Brake System (ABS)\* monitors wheel speed, and matches stopping power to available traction. (SV650SA only)
- Large 8.5-liter airbox with free-flowing, flat, pleated-element air filter, efficient muffler and air-cooled oil cooler support the engine's high performance.
- Innovative aluminum-alloy truss frame's right and left sections are each made as a single die-casting using high-vacuum moulding technology, resulting in a highly efficient design and sophisticated appearance with less welding.

- 41mm-stanchion-tube front forks and progressive-link rear suspension both have adjustable spring preload.
- Compact and functional instrument cluster with analog tachometer above a liquid-crystal display for speedometer, odometer/trip meter, coolant-temperature gauge, oil-pressure-warning indicator and clock.

Specifications, appearance, colors (including body color), equipment, materials and other aspects of the "SUZUKI" products shown in this catalogue are subject to change by Suzuki at any time without notice, and they may vary depending on local conditions or requirements. Some models are not available in some regions. Each model may be discontinued without notice. Please inquire at your local dealer for details of any such changes.

- Always wear a helmet, eye protection and protective clothing.
- Read your Owner's Manual carefully.
- Enjoy riding safely.
- Never ride under the influence of alcohol or other drugs.

PRINTED IN JAPAN SV650S/SA Leaflet 99999-A0113-111 SEP'10

**SUZUKI MOTOR CORPORATION**

300 Takatsuka-cho, Minami-ku, Hamamatsu City, JAPAN 432-8611

[www.globalsuzuki.com](http://www.globalsuzuki.com)

\* Please note that ABS is a supplemental device for brake operation, not a device for shortening stopping distance. Always remember to reduce speed sufficiently before approaching curves and corners.

## Specifications

Engine Type	4-stroke, 2-cylinder, liquid-cooled, DOHC, 90° V-Twin	
Engine Displacement	645 cm <sup>3</sup> (cc)	
Bore x Stroke	81.0 mm x 62.6 mm	
Compression Ratio	11.5 : 1	
Transmission	6-speed constant mesh	
Overall Length	2,085 mm (82.1 in.) / 2,120 (83.5 in.)	
Overall Width	730 mm (28.7 in.)	
Overall Height	1,170 mm (46.1 in.)	
Wheelbase	1,425 mm (56.1 in.) / 1,470 (57.9 in.)	
Ground Clearance	155 mm ( 6.1 in.)	
Seat Height	800 mm (31.5 in.)	
Curb mass	196 kg (432 lbs.) / 199 kg (439 lbs.)	
Suspension	Front	Telescopic, coil spring, oil damped
	Rear	Link type, coil spring, oil damped
Brakes	Front	Disc, twin
	Rear	Disc
Tires	Front	120/60ZR17M/C (55W), tubeless
	Rear	160/60ZR17M/C (69W), tubeless
Ignition Type	Electronic ignition (Transistorized)	
Fuel Tank	17.0 L (4.5 US gal.)	

## Colors

Photo : SV650SA



Glass Splash White (YBD)

