Color Variations



Pearl Suzuki Deep Blue No. 4 (Q3A)



Glass Sparkle Black (YVB)



Mat Sword Silver / Glass Sparkle Black (QKA)

Specifications

Overall Length	2,115 mm (83.3 in)
Overall Width	785 mm (30.9 in)
Overall Height	1,090 mm (42.9 in)
Wheelbase	1,445 mm (56.9 in)
Ground Clearance	135 mm (5.3 in)
Seat Height	785 mm (31.3 in)
Curb Weight	200 kg (441 lbs)
Engine Type	4-stroke, 2-cylinder, liquid-cooled, DOHC
Bore × Stroke	81.0 mm × 62.6 mm (3.2 in × 2.5 in)
Engine Displacement	645 cm³ (39.4 cu. in)
Compression Ratio	11.2:1
Fuel System	Fuel injection
Starter System	Electric
Lubrication System	Wet sump
Transmission	6-speed constant mesh
Primary Reduction Ratio	2.088 (71 / 34)

Final Reduction Ratio		3.066 (46 / 15)
Suspension	Front	Telescopic, coil spring, oil damped
	Rear	Link type, coil spring, oil damped, spring preload adjustable
Rake/Trail		25° / 106 mm (4.2 in)
Brakes	Front	Disc, twin
	Rear	Disc
Tires	Front	120/70ZR17M/C (58W), tubeless
	Rear	160/60ZR17M/C (69W), tubeless
Ignition System		Electronic ignition (transistorized)
Fuel Tank Capacity		14 L (3.7/3.1 US/Imp gal)
Oil Capacity (overhaul)		3.0 L (3.2/2.6 US/Imp qt)
Maximum Output		54 kW/8500 rpm
Maximum Torque		64 Nm/6800 rpm
Fuel Consumption		24.4 km/L (4.1 L/100 km) in WMTC
CO_2 Emissions		96 g/km

(European specifications shown)

Standard and optional equipment available may vary for individual markets. Please enquire at your dealers, as specifications and illustrations may refer to models not available in your region. SUZUKI MOTOR CORPORATION reserves the right to change, without notice, prices, colors, materials, equipment, specifications and models, and also to discontinue models.

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SV-7S M8 Product Information
99999-A000-000 Nov.'26

SUZUKI

SV-7S



Easy to Ride, Hard to Forget







Engineered to perform as confidently in urban traffic, on highways, or in track day events, the SV-7S transforms every ride into an unforgettable new story. This new naked street machine carries on the SV650's legacy of fun riding, while introducing a variety of advanced electronic features developed to fully support today's riding needs. Its forgiving and easy-to-ride character instills confidence, while the unique rhythm of its slim V-twin engine heightens the fun of your riding experience.

Clean, Simple and Sporty



The SV-7S's visual language conveys agility, the clean lines of sophisticated simplicity, and the riding fun of a sporty V-twin naked design. Signature character lines define its taut, athletic, yet inviting form, while the trellis frame helps convey visual balance and agility. While carrying on the sporty legacy of the SV650, updated colors, graphics and finishes help lend fresh modern appeal.

Lighting and Connectivity



The SV-7S features full LED lighting front and rear, a 4.2-inch full-color TFT instrument panel that supplies you with a wide range of information, and smartphone connectivity that enables turn-by-turn-navigation and access to a variety of useful information and services.



LED Mono-Round Headlight

Even while its modern design offers a bright, lively feel, the mono-round headlight's nostalgic visual appeal pays tribute to the heritage of past SV650 models. To help ensure bright illumination, even during cornering, and a wide field of vision, development involved extensive light distribution testing and repeated fine-tuning to achieve a bright and optically efficient LED headlight suited to today's roads.



Color TFT Multi-Information Display

The 4.2-inch full-color TFT LCD multifunction instrument panel is designed to keep you fully aware of all the bike's systems and settings, and to supply vital real-time operating status information in clear fashion. Every element of the layout has been carefully considered to make settings and mode changes effortless as part of a user-friendly interface that enhances the riding experience.

SUZUKI RIDE CONNECT+ APP

*Android/iOS compatible

Once downloaded and installed, you can use SUZUKI RIDE CONNECT+ App to connect your smartphone running iOS or Android™ and access a variety of useful information and services on both the color TFT LCD screen and your phone.

* Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc., registered in the U.S. and other countries.
* IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.
* Android, Google Play and the Google Play logo are trademarks of Google LLC.

Download on the App Store

GET IT ON Google Play



Placing the information you want right before your eyes

Examples of useful information that SUZUKI RIDE CONNECT+ App displays on the 4.2-inch multi-information display include call and message notifications, call information, real-time map guidance, traffic jam alerts, and real-time weather information and weather alerts for your current location.

Smartphone interfacing

When your smartphone is connected, enjoy the convenience of checking its signal strength* and remaining battery level right on the TFT LCD screen, along with the Bluetooth® connection status.

* Available only on Android devices
* The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

Incoming notifications

Enjoy getting notified of incoming calls and messages, as well as scheduled calendar events as you ride, and being to respond immediately.

Speed warning

This function helps you ride more confidently by alerting you when your speed of travel exceeds the preset limit you have selected in the app.



A wealth of information at your fingertips

You can view a variety of useful information right on your smartphone screen. This includes data pertaining to the status of your SV-7S, such as the parking location, odometer, tripmeter, daily, monthly and single trip fuel consumption, single trip average speed, oil, tire and battery maintenance information, and more.

Auto reply

Ride without worrying about missing a call. Auto reply automatically declines incoming calls on your behalf and sends the caller a pre-set response message instead.

Parking position locator

The location where your smartphone was last paired with the SV-7S is recorded as its parking position. This makes it easy to find your ride later, even in large parking lots, etc.

Full navigation

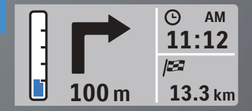
The app displays your current position on your smartphone screen, along with route guidance on a map of the area that also indicates points of interest and other useful information.

License and insurance expiration date management

You can set expiry date alerts and save images of your driver's license and up to 3 pieces of other identification, such as insurance cards, etc.

Turn-by-turn navigation

This app-linked navigation function displays directional arrows and distance indications to guide you to your destination. It also presents you with the estimated arrival time, remaining distance and traffic jam alerts. When using a headset, it offers voice guidance from the app.



Ambient temperature and weather

Enjoy the convenience of seeing the current temperature and weather conditions on the display, wherever you are travelling.

Rainfall and traffic jam alerts

When the navigation system is in use, an alert appears when there are rain clouds or traffic problems along your selected route.



The Legend Lives on

The beating heart of the SV-7S is Suzuki's legendary liquid-cooled 645 cm³ DOHC V-twin engine. Updated and refined for today's needs, the engine is fully ready to meet all the demands of modern street riding while preserving its distinctive, character-rich power pulses and pleasing engine note.

V-Twin Engine

The SV-7S's 4-valve 90° DOHC V-twin engine delivers strong, accessible power across its rev range. Smooth low-end pull builds into a surging midrange, with composed performance at higher rpm. This balance of torque, refinement, and versatility makes it equally confident in city traffic as on open highways or circuits.



Dual Iridium Spark Plugs

Dual iridium spark plugs per cylinder provide more precise ignition and efficient combustion for smoother power delivery and cleaner emissions.



Downdraft Intake Layout

The SV-7S adopts a downdraft-style intake layout that positions the air cleaner box directly beneath the fuel tank. This design frees space in the seat area, enabling a lower seat height and a slimmer profile where the rider straddles the bike.



Satin Buff Finish Muffler Cover

Featuring a satin buff treatment enhanced with a textured pattern that follows recent styling trends, the finish on the muffler cover speaks of sophistication and quality.

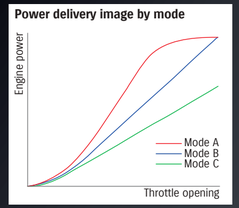
Note: The photo above shows the unit fitted with accessories, including a European-market accessory.

Suzuki Intelligent Ride System (S.I.R.S.)

The Suzuki Intelligent Ride System (S.I.R.S.) is a highly advanced suite of electronic rider assist systems designed to help instill greater confidence by optimizing performance and adaptability to match your riding style across diverse riding conditions. You can freely change settings and fine-tune control to suit your riding needs at any given moment. The result is a smoother, more predictable, and less fatiguing ride that frees you concentrate on enjoying every outing.

Suzuki Drive Mode Selector (SDMS)

Choose freely among three different power output characteristic modes. Each mode adjusts throttle response, instantly tailoring the SV-7S's character to suit your skill level, road conditions, and your mood for a more confident ride.



Mode: A
Provides sharper, more aggressive throttle response for sportier riding performance and a feeling of power that surpasses that felt on the SV650.

Mode: B
Achieves a careful balance of throttle response and overall stability to optimize performance for everyday use in a wide range of road conditions.

Mode: C
Softened throttle delivery, gentler torque characteristics, and limited output improve controllability and ease of use to provide less experienced riders greater confidence.

Suzuki Traction Control System (STCS)

Designed to help prevent the rear wheel from slipping and deliver smooth, controlled power under varying conditions, the Suzuki Traction Control System helps instill greater confidence in controlling your ride. You can select from three active modes to control how quickly the system takes effect and how proactive it is in limiting wheel spin, or you can opt to run with it turned off. STCS combines performance and predictability to make the SV-7S equally reassuring for urban commutes or spirited weekend rides.

Note: The Suzuki Traction Control System is not a substitute for the rider's throttle control. It cannot prevent loss of traction due to excessive speed when the rider enters a turn and/or applies the brakes. Neither can it prevent the front wheel from losing grip.

Bi-Directional Quick Shift System

This new fully electronic system provides vastly enhanced shifting ease by effectively permitting clutch-free gear changes. Upshifts are executed smoothly with uninterrupted acceleration, while downshifts benefit from automatic hands-free blipping and balanced engine braking. As a result, the system helps reduce rider fatigue while delivering a ride that feels more responsive and far more intuitive.



Electronic Throttle Control

Suzuki's ride-by-wire system delivers faithful throttle response by precisely controlling the relationship between throttle action and engine output characteristics. The system ensures smooth, progressive power delivery throughout the powerband, and consistently provides a responsive and intuitive acceleration feel.



Suzuki Easy Start System

One quick press of a button starts the engine, and there is no need to operate the clutch when the bike is in neutral.

Low RPM Assist

This function helps deliver smoother, surer starts by preventing engine speed from dropping as you pull away from a standing start or ride at low speeds.



Note: The photo above shows the unit fitted with accessories, including a European-market accessory.

Engineered for agility, stability and comfort

Optimized for real-world usability across a wide range of riding environments, The SV-7S chassis has been engineered to provide an ideal balance of agility, stability and comfort. Its bold, upright riding position not only offers a clear view of the road ahead, it also ensures comfort on longer rides.



Chassis

The SV-7S's lightweight perimeter-style trellis frame retains the hallmark rigidity, slim profile, and balanced weight distribution of the venerable SV650. While providing a prominent visual accent that aligns with the clean, simple lines, it also contributes to agile handling and confident stability.



Suspension

The responsive 41 mm hydraulic telescopic front forks and compact, link-type monoshock rear damper have been tuned to achieve the ideal balance between sportiness and comfort. While favoring comfort, the suspension retains the sporty character and smooth, precise handling for which theSV650 earned acclaim. The result is a combination of everyday urban riding comfort and stability on the highway or circuit.



Brake System

Powerful 290 mm dual front discs with 4-piston calipers and a 240 mm rear disc deliver confident stopping performance, while the ABS supports balanced, controlled braking across diverse surfaces and conditions.

Note: ABS is not designed to shorten the braking distance. ABS cannot prevent wheel skidding caused by braking while cornering. Please ride carefully and do not overly rely on ABS.

Wheels and Tires

In addition to their eye-catching 10-spoke design, the stylish cast aluminum wheels for the SV-7S are color-coordinated with the body colors to draw further attention to their attractive styling. Dunlop ROADSMART III tires deliver superb grip, stability, and durability for confident performance.



Tapered Aluminum Handlebar

The SV-7S adopts a tapered 719 mm handlebar designed to deliver greater control and more natural hand position. The new handlebar provides a commanding field of vision and contributes to a relaxed, upright riding position in line with current riding trends. Both the handlebar and its brackets are finished in black, adding to the stylish, high-quality appeal of the SV-7S.



Ergonomic Seat

With the same class-leading, rider-friendly 785 mm seat height as on the SV650, the SV-7S continues to make it easy to reach the ground without sacrificing long-distance riding comfort.

