PRESS INFORMATION

November 2026

SV-7S



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SV-7S

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Highlighted section titles indicate changes relative to the SV650 base model.



1. INTRODUCTION

The Suzuki SV-7S debuts in the mid-size segment as a new naked street machine built to carry 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 the rider with confidence, while the unique rhythm of its slim V-twin engine heightens the enjoyment on every outing.

True to its SV650 lineage, the SV-7S is a light, nimble motorcycle that delivers immediate and strong throttle response. Power is supplied by Suzuki's 645 cm^3 90-degree V-twin engine, which has long been renowned for its smooth yet powerful torque delivery, refined character, and exceptional reliability.

Building on this solid base, the SV-7S enhances performance and riding pleasure by adopting a collection of advanced electronic rider assist systems that comprise the SUZUKI Intelligent Ride System (S.I.R.S.). These include Suzuki's Ride-by-Wire Electronic Throttle System, Suzuki Drive Mode Selector (SDMS), the Suzuki Traction Control System (STCS), and Suzuki's Bi-directional Quick Shift System.

The SV-7S features full LED lighting, from the classic stylish charm and superior light distribution of its new mono-round headlight, all the way to its LED license plate light. A 4.2-inch full-color TFT multi-information instrument panel presents a wide range of information clearly and intuitively, allowing the rider to understand it at a glance. Smartphone connectivity enables a range of handy features for today's rider, from the ability to provide turn-by-turn-navigation and access to a variety of useful information and services on both the color TFT LCD screen and their smartphone.

Rider-friendly ergonomics make the SV-7S a sheer delight to ride, whether on the daily commute, or when heading out for a long weekend ride. This includes its relatively low 785 mm seat height and narrow midsection, which make foot placement easier and riding more pleasurable. Its lightweight yet rigid chassis, supported by a rich complement of standard equipment features, ensures stability and comfort across a wide range of riding scenarios and road conditions.



“Easy to Ride, Hard to Forget”

The SV-7S was developed to be easy and fun to ride for everyone, from beginners to experienced riders. The goal was to take all the characteristics that made the V-twin SV650 so popular with a global audience, and incorporate those with advanced electronic rider assist systems and smartphone connectivity to satisfy the needs of today’s riders.

Power comes from the SV’s proven 645 cm³ 90-degree DOHC V-twin engine, a hallmark of Suzuki engineering. Praised for its smooth, tractable torque across its rev range and engaging character at higher rpm, this engine features a distinctive rhythm that stirs both machine and rider. The introduction of advanced electronic controls enhances engine performance and makes it even more adaptable to each rider’s needs, resulting in a smoother, more predictable, and less fatiguing ride that instills greater confidence and peace of mind.

Engineered to perform as confidently in urban traffic as on winding mountain roads or in track day events, the SV-7S transforms every ride into an unforgettable new story. Its chassis, upright stance, slim proportions and low seat height all contribute to the riding pleasure.



KEY PRODUCT FEATURES

Engine Features:

- 645 cm³ liquid-cooled 90° DOHC V-twin engine with over 25 years of proven performance delivers smooth, controllable power and a broad, linear torque curve.
- Features the distinctive V-twin pulse that defines the SV series while maintaining refined smoothness.
- Suzuki's ride-by-wire electronic throttle control system provides precise response and enables integration with the advanced electronic rider assist systems of the SUZUKI Intelligent Ride System (S.I.R.S.).
- Downdraft throttle bodies with optimized injectors and dual-spark iridium plugs improve combustion efficiency and throttle response while ensuring Euro 5+ compliance.
- Revised airbox and tuned 2-into-1 exhaust system enhance acceleration, intake sound, and emissions control.
- SCEM cylinder plating, coated pistons, and L-shaped piston rings reduce friction and ensure long-term durability.
- Efficient piston oil cooling and a robust crankshaft support reliable performance under load.
- Six-speed transmission and the Bi-directional Quick Shift System allows seamless clutch-less upshifts and downshifts, reducing fatigue and enhancing ride quality.

SUZUKI Intelligent Ride System (S.I.R.S.) Features:

- Suzuki Drive Mode Selector (SDMS) better supports the rider in matching performance to the conditions of the riding scene, road conditions, or preferred riding style.
- Suzuki Traction Control System (STCS) with 3 mode settings (+ OFF) enables greater control over the bike's behavior under diverse riding conditions.
- Suzuki's ride-by-wire electronic throttle control system helps realize throttle action that responds faithfully to the rider's intention.
- Suzuki's Bi-directional Quick Shift System (with ON/OFF settings) provides quicker, smoother, more assured shifting without operating the clutch lever while in motion.
- The ABS system contributes to more stable braking by helping prevent the wheels from locking up, even during hard braking.
- The Suzuki Easy Start System starts the engine with one quick press of the starter button.
- Suzuki's Low RPM Assist function helps maintain engine idle speed for smoother and easier starts.

Chassis Features:

- The SV-7S's tubular steel trellis frame delivers balanced rigidity, a low center of gravity, and slim proportions for agile, predictable handling.
- A strong tubular swingarm with oblong cross-section ensures excellent torsional strength, precise rear-wheel tracking, and stability when carrying a passenger or luggage.
- The 14 L fuel tank offers good touring range while maintaining a slim, comfortable profile for easy knee grip.
- 41 mm telescopic forks provide 125 mm of front wheel travel for responsive feedback and smooth ride quality over varied road surfaces.

- A compact, link-type monoshock rear suspension with 7-step preload adjustability delivers 129 mm of rear axle travel to help provide a smooth, stable and comfortable ride.
- Dual 290 mm front floating discs with 4-piston calipers and a 240 mm rear disc provide strong, progressive stopping power, supported by ABS for consistent control under various road conditions.
- Cast aluminum 10-spoke wheels, paired with tubeless Dunlop ROADSMART III sport-touring tires (120/70ZR17 front; 160/60ZR17 rear), deliver grip, stability, and long-term durability.
- The 719 mm tapered aluminum handlebar is wider and positioned closer to the rider than on the SV650. This promotes relaxed control, helps reduce fatigue, and contributes to a modern riding position in line with current trends.
- The 785 mm seat height and slim seat design help make it easy for the rider to reach the ground with their feet, while also offering both rider and passenger a comfortable ride.
- Slim, knurled aluminum footpegs improve comfort and control, while a discreet under-seat helmet hook adds everyday convenience.

Electric Equipment Features:

- The SV-7S features a flat-bottom mono-round LED headlight that pays tribute to the design lineage of the SV650, all while achieving a bright, modern image.
- A slim LED position light spans the center of the headlight assembly, adding extra character.
- LED lighting all around maximizes the functionality and durability of the turn signals, rear combination light and even the license plate light.
- The 4.2-inch full-color TFT LCD multi-function instrument panel is designed to be compact and unobtrusive, displaying the necessary information clearly without detracting from the SV-7S's distinctive styling.
- SUZUKI RIDE CONNECT+ smartphone integration (iOS and Android*) enables turn-by-turn navigation, call, message and schedule notifications, as well as weather, speed and traffic alerts on the TFT color display.
- On-screen ride and bike data include real-time and average fuel consumption, gear position, trip meters, maintenance reminders, traction control and ride mode status, and full speedometer/tachometer graphics.
- The TFT display also serves as the central interface for SDMS drive modes, traction control settings, and quick shifter status, with all electronic systems easily adjusted using the intuitive left-handlebar switch.

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Styling & Design

- Signature character lines define SV-7S's taut, athletic, yet inviting form, while the trellis frame helps convey visual balance and agility.
- The trellis frame, slim seat design, and sculpted seat rail panels highlight the bike's narrow proportions and ease of control.
- The overall design carries on the legacy of the SV650 as a clean, slim and lightweight V-twin package ready for sporty performance and riding fun.
- The new mono-round headlight lends a visual touch of retro appeal, even though the performance of its LED lighting is vastly superior to its predecessors.

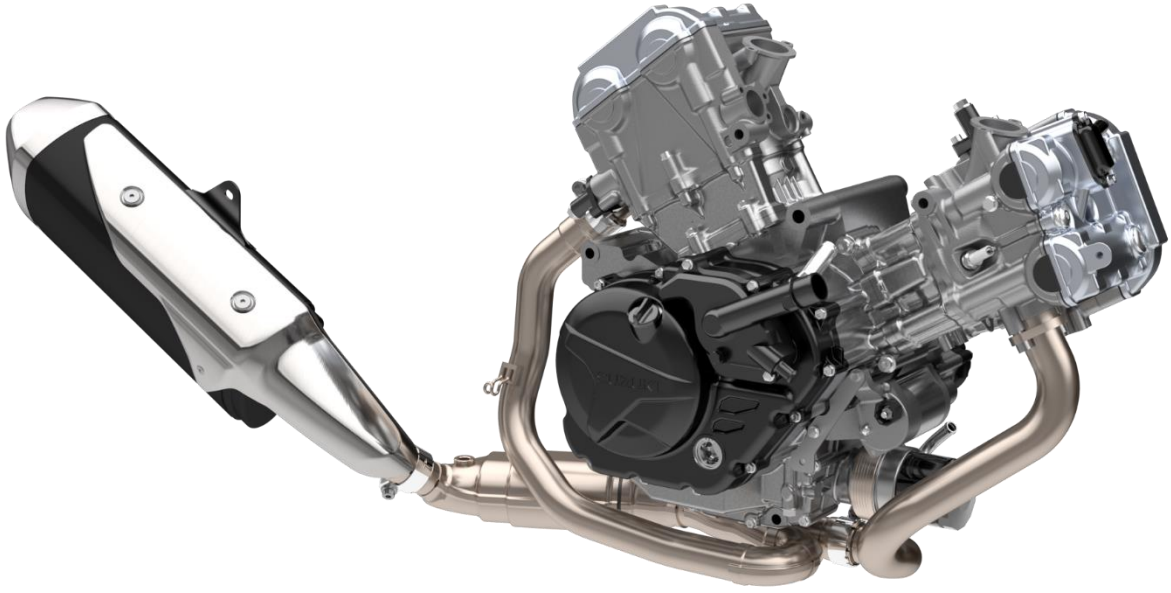




Note: The photo above shows the unit fitted with accessories, including a European-market accessory.

The Legend Lives on

The beating heart of the SV-7S is Suzuki's legendary liquid-cooled 645 cm^3 4-valve 90-degree DOHC V-twin engine. First introduced in 1999, this engine is widely appreciated for its slim, compact design, linear torque, and exceptional reliability, with more than 500,000 units produced to date. Refined for application on the SV-7S, the engine is fully ready to meet the demands of modern street riding while preserving its distinctive, character-rich power pulses.

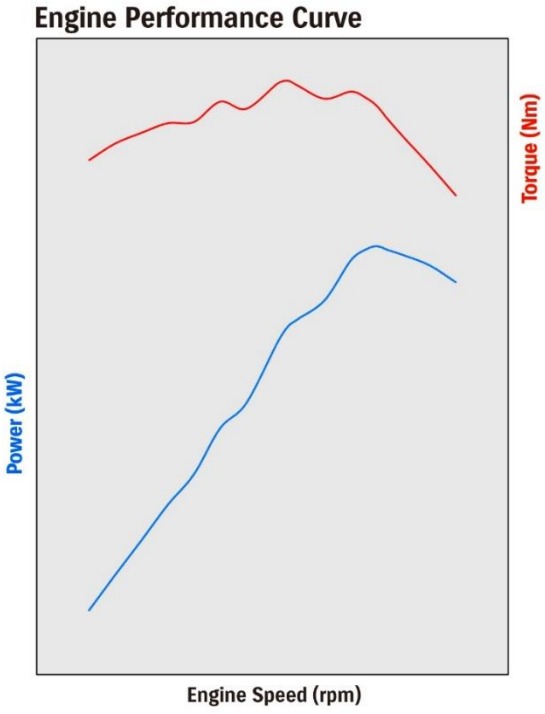


Enhanced Power Output and Delivery

Producing excellent power and torque throughout its rev range, the 90° V-twin engine delivers a broad, thoroughly accessible powerband worthy of its SV650 heritage. Pulling smoothly from low revs, the engine surges through the midrange, while remaining smoothly composed at higher rpms. The engine maintains strong torque even beyond its peak torque rpm, allowing it to rev smoothly and enjoyably through higher ranges. Its displacement is ideally balanced, giving riders the pleasure of opening the throttle and exploring the upper revs. Maintaining the uneven firing intervals that give this 90° DOHC V-twin its unique power pulses, the engine offers a rewarding combination of smoothness and responsiveness that makes it equally at home in city traffic and on winding backroads. This latest evolution of Suzuki's 645 cm^3 V-twin engine blends enduring mechanical strength with modern electronic sophistication, delivering a riding experience that's engaging for veterans and inspires supreme confidence for beginners. It is the true pulsating heart of Suzuki's new standard naked machine.

Displacement	645 cm^3
Engine Type	4-stroke, 2-cylinder, liquid-cooled, DOHC
Bore × Stroke	81.0 mm × 62.6 mm
Compression Ratio	11.2:1
Maximum Output	54 kW/8500 rpm
Maximum Torque	64 Nm/6800 rpm
Fuel Consumption (WMTC)*	24.4 km/L (4.1 L/100 km) in WMTC
CO_2 Emissions	96 g/km

*Actual fuel consumption and CO_2 emissions may differ owing to conditions such as the weather, road, rider behavior and maintenance.



Mechanical Refinements and Longevity

As with the SV650, Suzuki Composite Electrochemical Material (SCEM) cylinder plating ensures optimal heat dissipation while reducing friction for superior long-term durability. In addition, the V-twin engine's fewer journals and rugged crankshaft bearings, as well as its highly effective oil-jet piston cooling, enhance thermal stability and high-load performance. Coated pistons and L-shaped piston rings also help ensure minimized power-robbing friction, optimal sealing and reduce blow-by for long-term reliability.



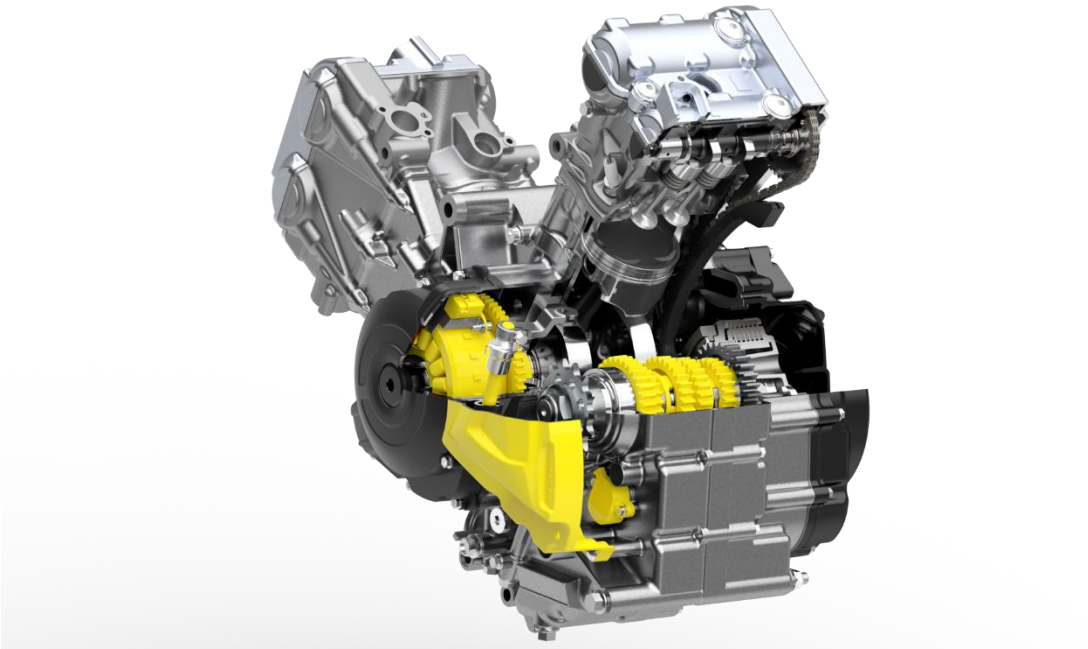
SCEM cylinder



Coated pistons and L-shaped piston rings

Powerplant Modifications

Continuous refinements over the years mean almost nothing in the powerplant remains common to the first generation SV650. Parts highlighted in yellow, including magneto and transmission gears, have been upgraded to achieve yet greater reliability, while also accommodating the new electronic control systems.

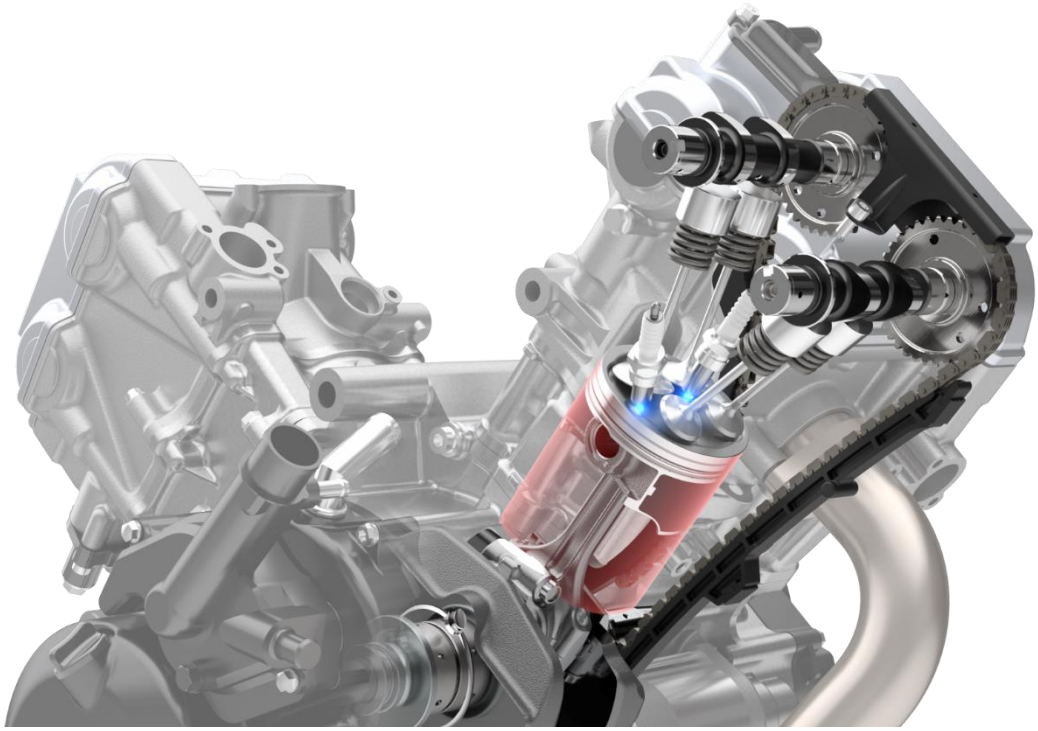




Transmission gears

Dual Iridium Spark Plugs

Equipped with dual iridium spark plugs per cylinder for more precise ignition and efficient combustion, contributing to smooth power delivery and helping reduce exhaust emissions.



Downdraft Intake Layout

The SV-7S features a downdraft-style intake layout, positioning the air cleaner box directly beneath the fuel tank. Unlike a horizontal intake configuration that places the air cleaner under the rider's seat, this design frees space in the seat area, enabling a lower seat height and a slimmer profile where the rider straddles the bike.

This layout takes full advantage of the naturally compact dimensions of the V-twin engine, contributing to the SV-7S's characteristic narrow midsection and superior rider comfort. The result is a design that combines refined packaging efficiency with the easy reach to the ground that riders have long appreciated in Suzuki's V-twin machines.

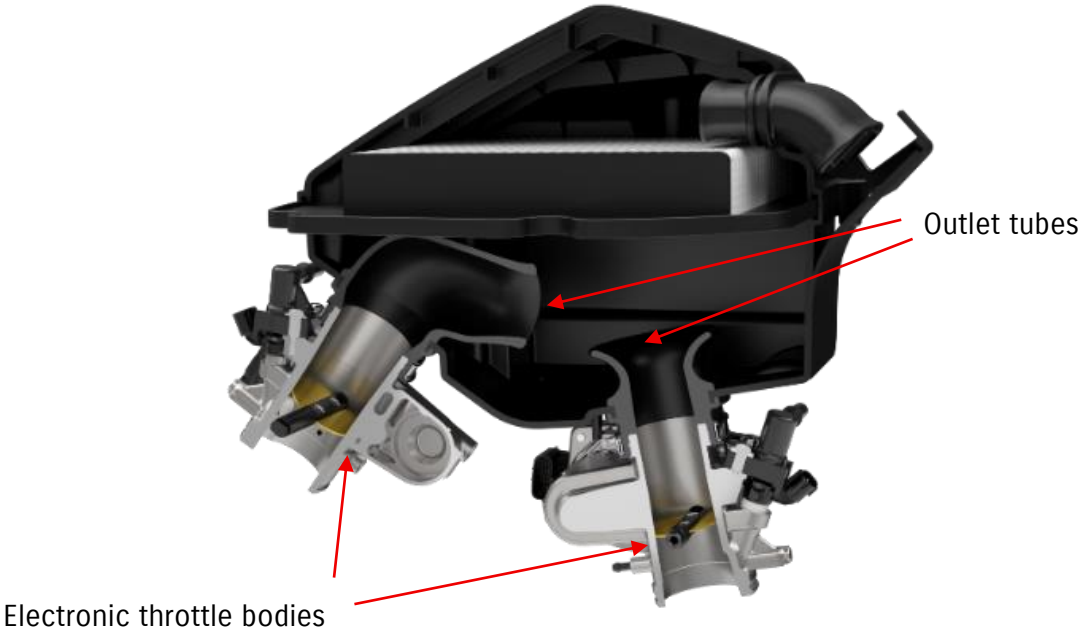


Tuned Intake with Electronic Throttle Bodies

The adoption of electronic throttle control not only ensures fine-tuned power delivery, but also enables integration with advanced electronic rider assist systems such as the Suzuki Drive Mode Selector (SDMS), Suzuki Traction Control System (STCS), and Bi-directional Quick Shift System.

Each of the two cylinders is fed by 39mm bore electronic-controlled throttle body. Throttle response and the intake system are fine-tuned to achieve output characteristics inspired by the renowned SV650. The redesigned, shortened air cleaner outlet tube delivers a power curve that extends to the higher rev range for a more pleasing experience when nearing peak performance.

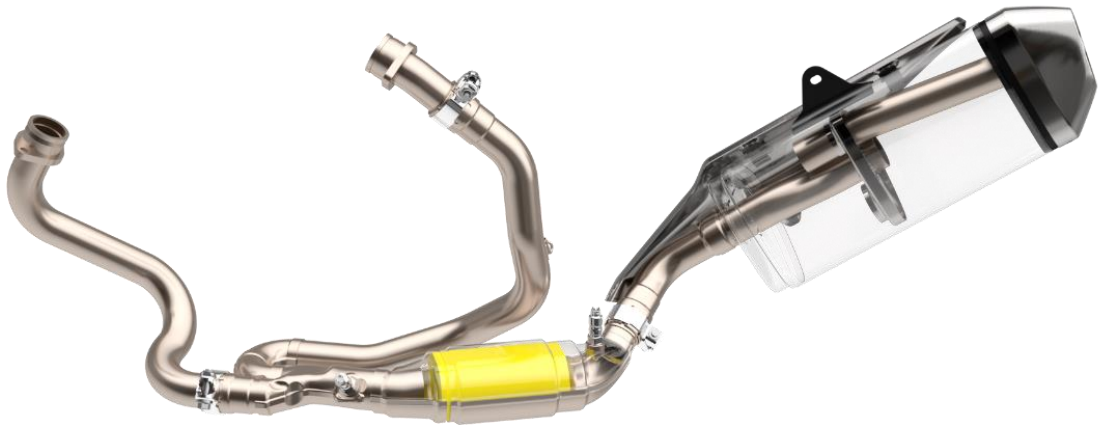
Just as with the SV650, special care was taken with the sound experience. The V-twin's distinct intake note has been refined so that, while riding, it conveys the energetic character of a true motorcycle—lively and engaging without being overpowering. The result is a machine that sounds as good as it feels, offering riders a uniquely authentic connection between engine and road.



2-into-1 Exhaust System

The compact 2-into-1 exhaust has been tuned for a resonant V-twin growl under load, yet remains unobtrusive at cruising speeds. Its catalytic converter and oxygen sensors further ensure consistent emissions control to meet the latest Euro 5+ emissions regulations.

An optimized catalytic converter positioned within the collector helps ensure compliance with Euro 5+ emissions regulations. The system also incorporates oxygen sensors located before and after the catalytic converter, with both providing real-time feedback to the engine control unit. This dual-sensor configuration enables more precise air–fuel management, helping reduce exhaust emissions while maintaining the V-twin's smooth, responsive character.



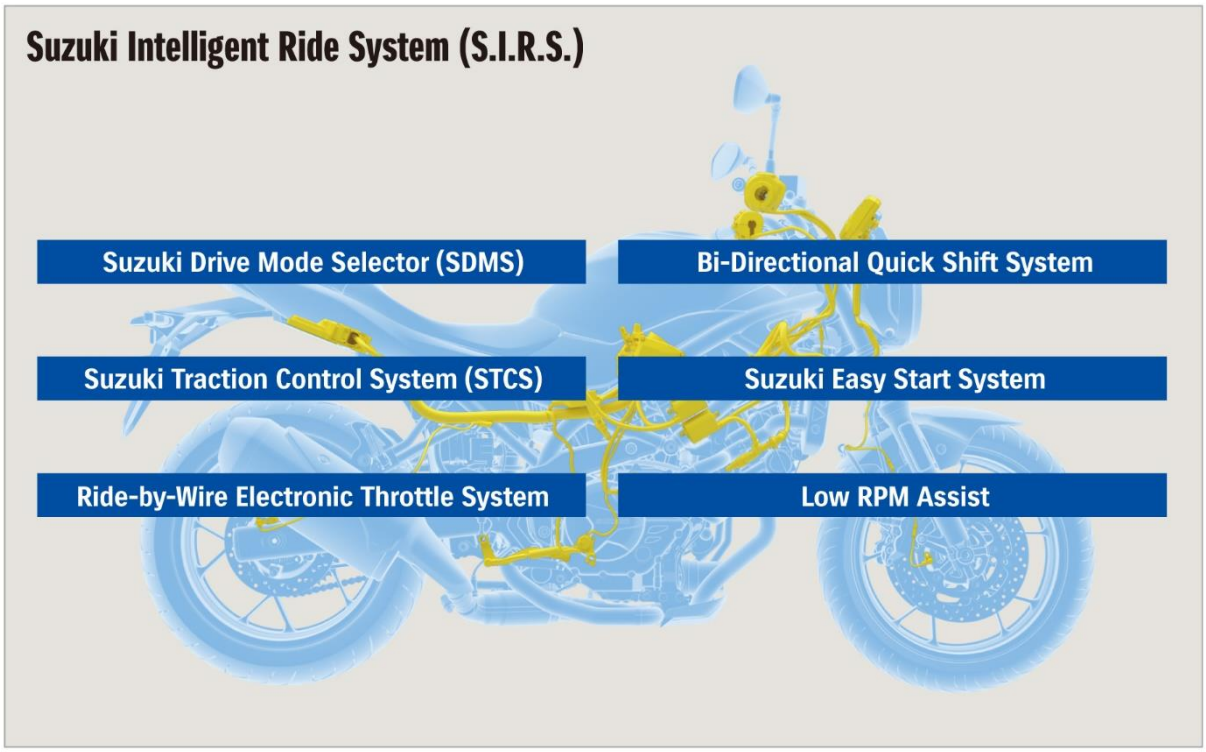
Satin Buff Finish Muffler Cover

The exhaust cover has undergone a redesign compared to the SV650. Its surface finish has been given a satin buff treatment, enhanced with a textured pattern that follows recent styling trends. Rather than a mirror-like shine, the finish emphasizes a metallic character, giving the part a premium and sophisticated appearance.



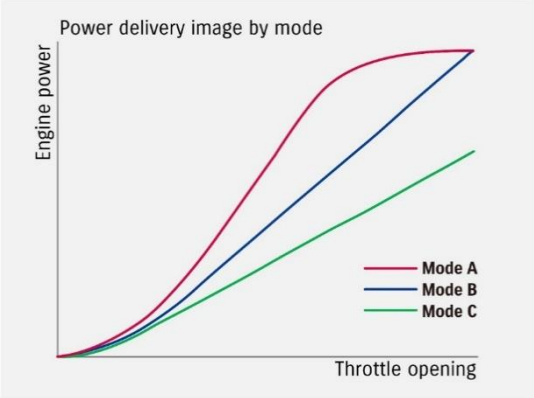
An Advanced System Designed to Make Riding More Enjoyable

The Suzuki Intelligent Ride System (S.I.R.S.) is a highly advanced suite of electronic rider assist systems designed to optimize performance based on the rider's skill level, experience, and road or riding conditions. Riders can freely adjust each system's settings to suit their preferences and riding needs at any given moment. The result is a smoother, more predictable, and less fatiguing ride that allows the rider to enjoy performance with greater confidence and peace of mind. Fine-tuned specifically for this accessible mid-size standard machine, these technologies all work together to enhance overall adaptability and rider confidence without overwhelming less experienced riders.



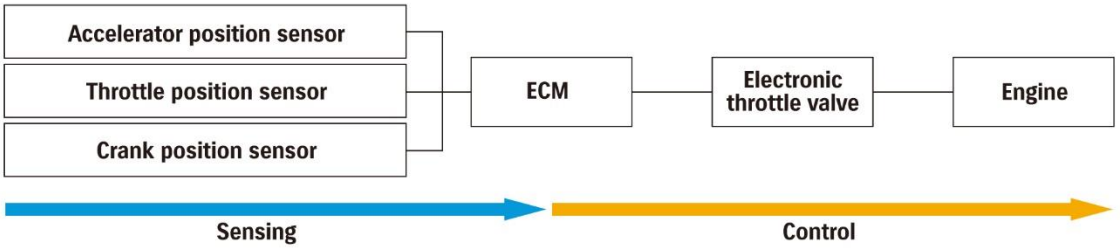
Suzuki Drive Mode Selector (SDMS)

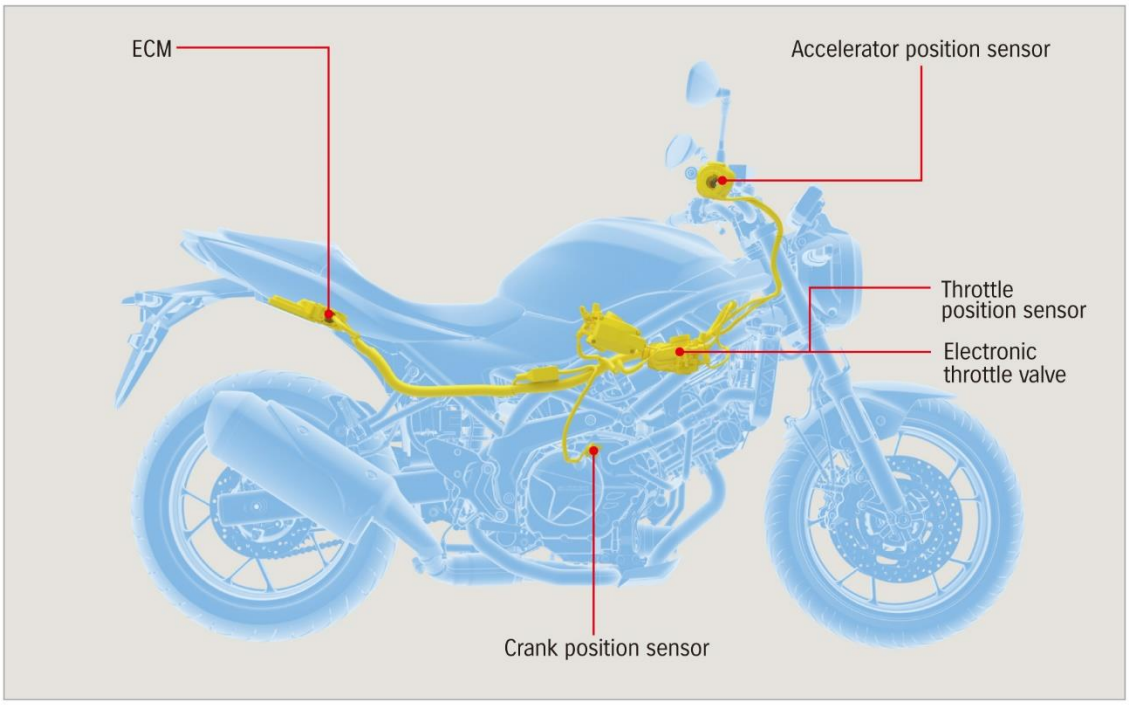
The Suzuki Drive Mode Selector (SDMS) maximizes the potential of the electronic throttle control system. Its three modes of operation adjust throttle response, allowing riders to quickly adapt the bike's character to match their own skill level, road conditions, or mood. Engine braking characteristics have been finely tuned to deliver smoother deceleration and greater control, enhancing comfort and stability when entering corners or reducing speed.



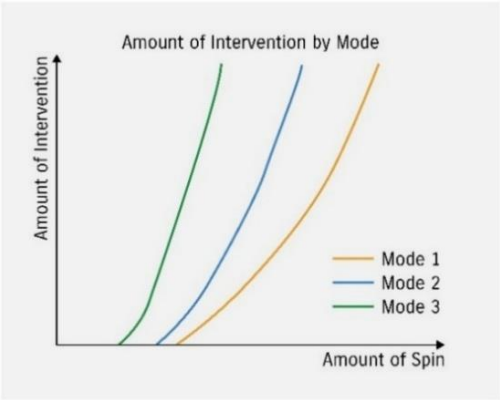
Mode A (Active)	Provides sharper, more aggressive throttle response and a noticeably stronger feeling of power than that experienced on the SV650, for sportier riding performance.
Mode B (Basic)	A careful balance of throttle response and overall stability for everyday use in a wide range of road conditions. This mode most closely resembles the output characteristics of the SV650.
Mode C (Comfort)	Softened throttle delivery and gentler torque characteristics improve controllability and ease of use, which gives newer midsized motorcycle riders a greater feeling of confidence. Output is limited to 45 kW.

Suzuki Drive Mode Selector overview diagram





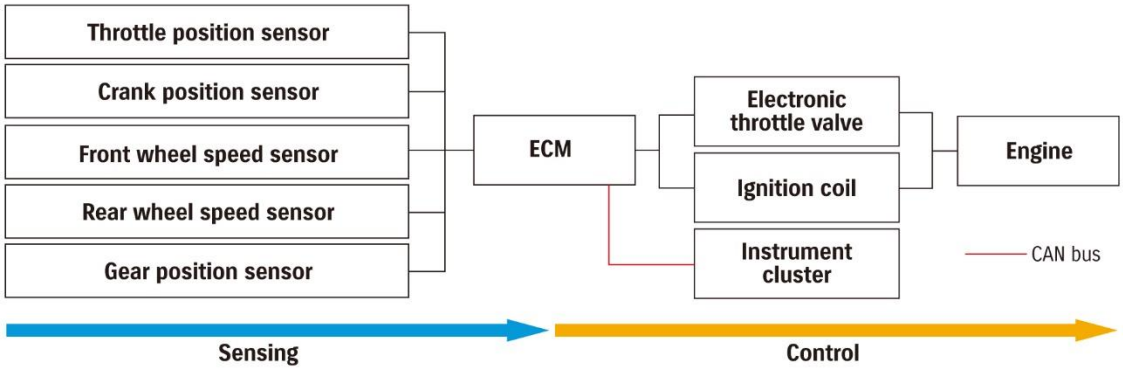
Suzuki Traction Control System (STCS)

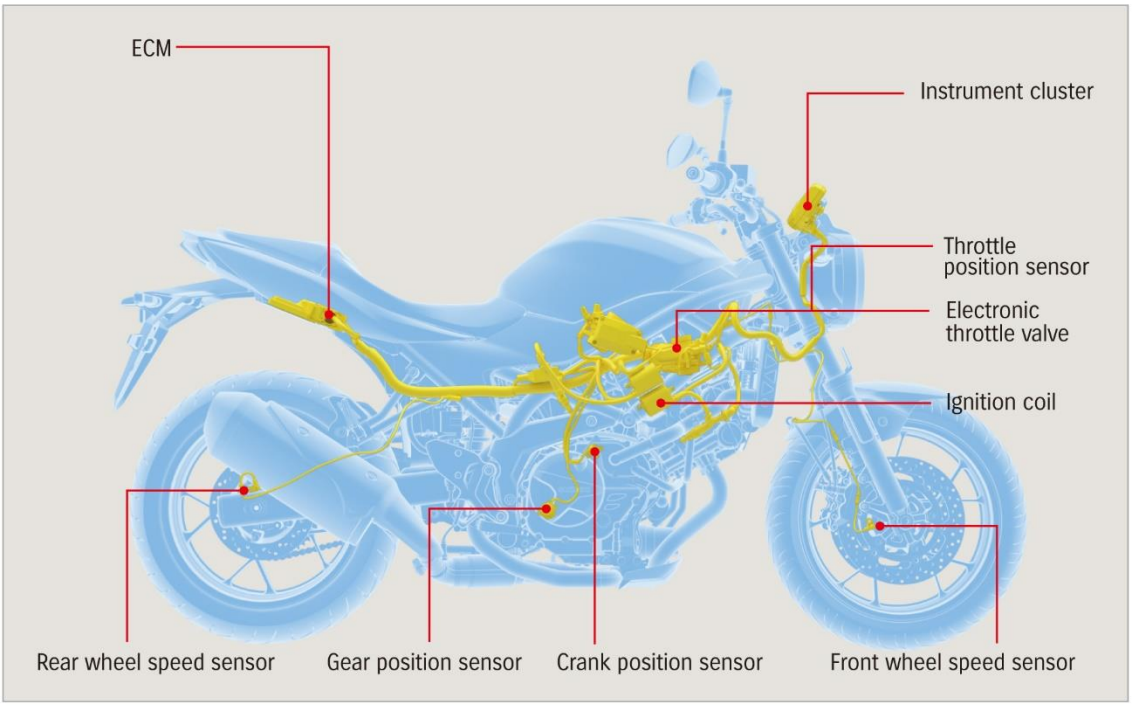


When a loss of traction is detected, STCS adjusts ignition timing and limits the throttle opening to help prevent wheel slip. By helping riders maintain greater control over the motorcycle's behavior under varying riding conditions, STCS supports a smoother and more manageable riding experience across a wide range of situations.
The rider can select from three modes or turn the system off. Mode 1 supports sportier riding by providing minimal intervention from the system. Mode 2 offers a balance that is ideal for city riding and regular road conditions. And Mode 3 is well suited to wet or otherwise slippery road conditions.

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.

Suzuki Traction Control System overview diagram



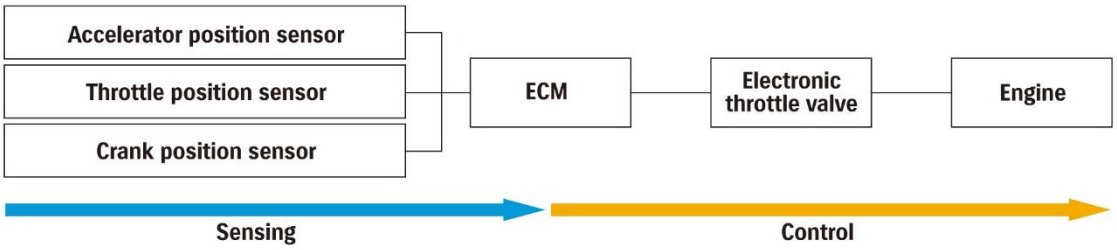


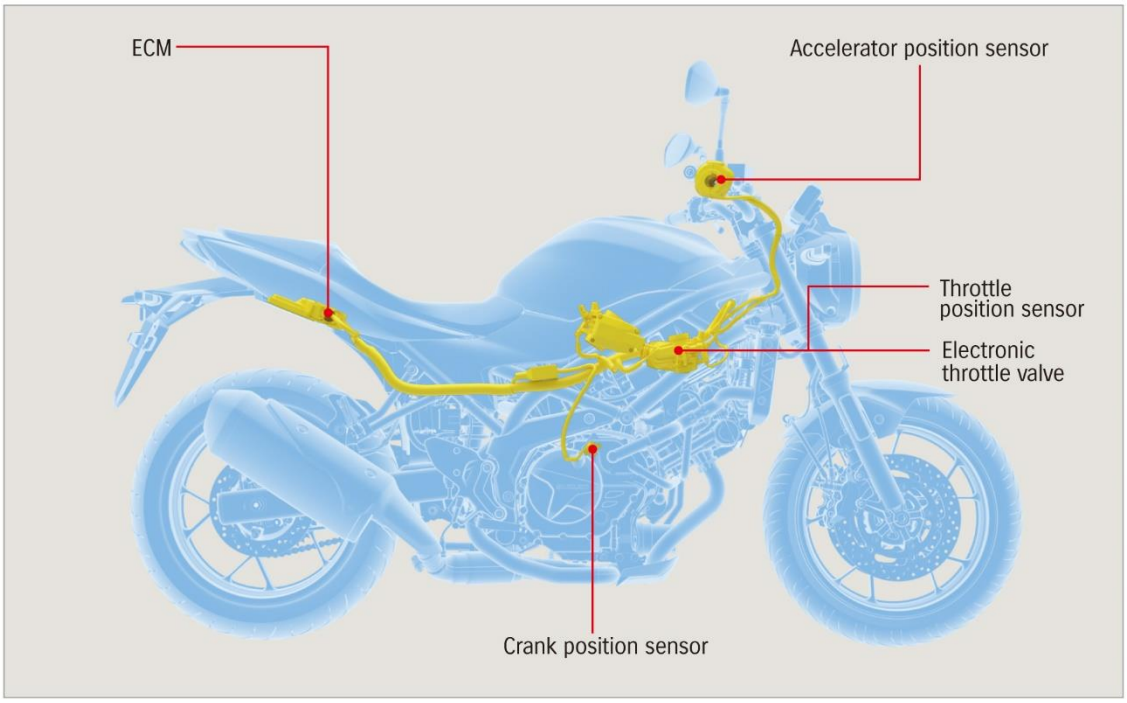
Ride-by-Wire Electronic Throttle Control

Suzuki's electronic ride-by-wire throttle control delivers precise response while providing support for all S.I.R.S. functions. The throttle's new maps ensure delivery of smooth, progressive power throughout the powerband. It provides a responsive and intuitive acceleration feel, whether in city traffic or on the open road.



Ride-by-wire Electronic Throttle System overview diagram

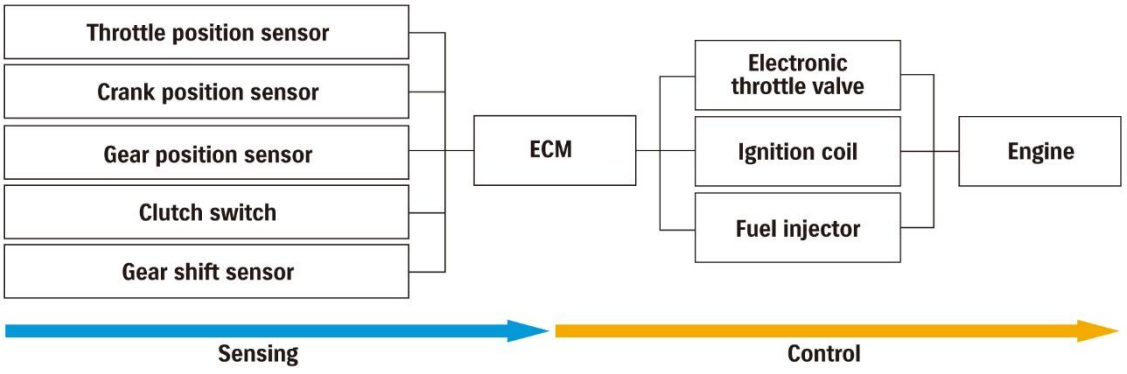


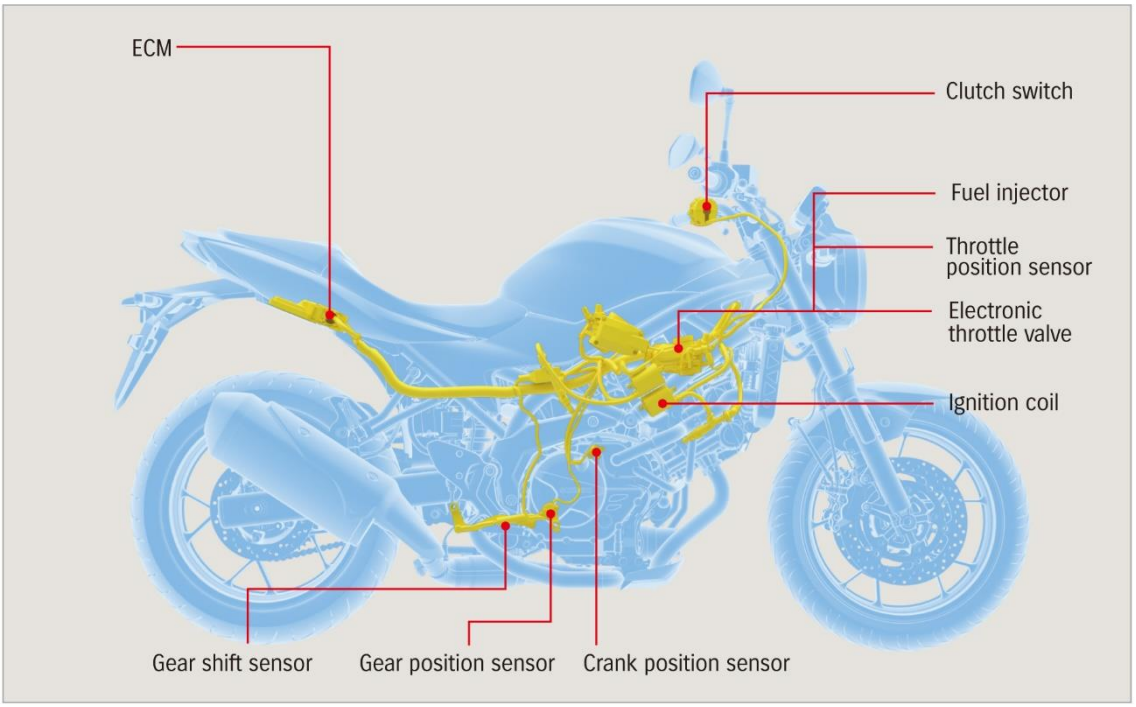


Bi-Directional Quick Shift System

The SV-7S's 6-speed gearbox is paired with the Suzuki Bi-Directional Quick Shift system, which helps reduce rider fatigue in both touring and more sporty riding conditions. This new fully electronic system also provides vastly enhanced gearshift ease—especially in rugged conditions—by effectively permitting all gear shifts (up or down) to be made without the tiring effects of clutch lever operation. Fully clutch-less upshift operation is put into effect at engine speeds above 2,000 rpm, while downshift operation is possible at speeds above 1,700 rpm.

Bi-directional Quick Shift System overview diagram





Settings for SDMS, STCS, and the Quick Shifter can be intuitively adjusted using the left-handlebar switch, allowing seamless control while riding.



Suzuki Easy Start System

This system starts up the engine with a single press of the starter button. No clutch operation is required when in neutral.



Low RPM Assist

Suzuki's Low RPM Assist function is programmed to provide smoother launches by helping prevent engine speed from dropping excessively as the rider releases the clutch lever to pull away from a standing start. It also promotes more confident riding by helping counteract drops in engine speed when riding in stop-and-go traffic, or when doing U-turns.

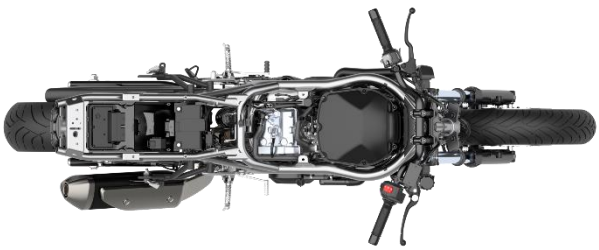


Engineered for agility, stability and comfort

The SV-7S chassis has been engineered to provide an ideal balance of agility and comfort, optimized for real-world usability across a wide range of riding environments. Its bold, upright riding position not only offers a clear view of the road ahead, it also ensures comfort on longer rides. Carrying on the legacy of the SV650's proven architecture, the SV-7S chassis integrates geometry, ergonomics, and component upgrades tailored for versatility and an exceptionally high level of rider confidence.

The SV-7S's compact and maneuverable profile makes low-speed rides and parking both supremely easy. Confidence-inspiring, comfortable, and ready to adapt to whatever the road ahead may bring, the SV-7S delivers a grounded yet always exhilarating ride.



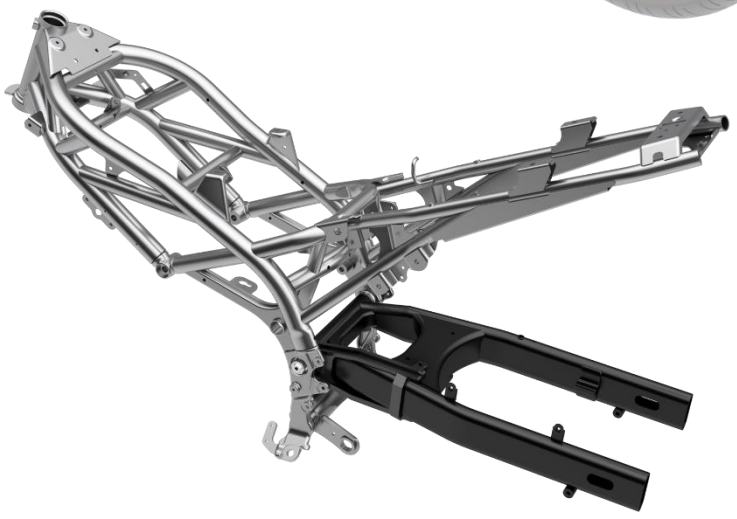


Frame

The SV-7S's tubular steel trellis frame retains the hallmark rigidity, slim profile, and balanced weight distribution of the venerable SV650. Geometry has been refined to maintain a low center of gravity for stability at all speeds, while a carefully calculated amount of flex in its overall design absorbs vibration to ensure quick, predictable steering response. This perimeter-style trellis frame also provides a prominent visual accent that aligns with the clean, simple lines of the SV-7S, while prioritizing ultimate comfort.

A strong yet lightweight tubular steel swingarm features an oblong cross-section to further ensure excellent torsional strength and precise rear-wheel tracking under load. This rigidity also enhances power delivery while cornering, and provides optimal stability when carrying a passenger.





Tapered Aluminum Handlebar

In keeping with the demands of today's market, the SV-7S adopts a tapered 719 mm handlebar. With the width at the center of each grip increased by 11.5 mm, the new handlebar gives the rider greater leverage and feels better than the one on the SV650. In addition, it provides a commanding field of vision and contributes to a relaxed, upright riding position in line with current riding trends. Development engineers also focused on testing multiple grip angles and sweep profiles to achieve a more tapered, natural hand position that suits a wide variety of body types.





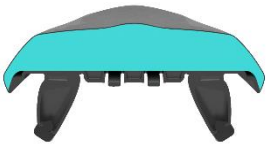
The tapered aluminum handlebars are black anodized after shot blasting and the upper bracket painted black after shot blasting. This creates a sense of unity between the bars and brackets, giving them a similar finish and texture that contribute to a stylish, high-quality design, The finish on the handlebars also provides a refined tactile feel when the rider takes hold of them.

Ergonomic Seat

The SV-7S retains the same seat shape and class-leading, rider-friendly 785 mm seat height as on the SV6650. This design makes it easy to reach the ground without sacrificing long-distance riding comfort. Narrow side covers and a slim tank-seat junction further enhance accessibility and riding comfort





	SV-7S
Rider seat	
Pillion seat	

Fuel Tank

The SV-7S adopts an attractive fuel tank that retains the same slim proportions and 14 L capacity as on the SV650. The new design not only reduces the weight of the tank, but does that while making room for the critical componentry under the tank needed to accommodate the SV-7S's collection of new electronic features.



Suspension

As befits a mid-size V-twin naked sport bike built to carry the legacy of the SV650 into the future, the SV-7S's suspension has been tuned to achieve the ideal balance between sportiness and the comfort of a plush ride. While favoring comfort, the suspension retains the sporty character and smooth, precise handling for which the SV650 earned acclaim. The result is a combination of everyday urban riding comfort and stability on the highway.

Front

The SV-7S's responsive 41 mm hydraulic telescopic forks offer excellent tracking on varying road surfaces, while providing 125 mm of wheel travel to help smooth out the ride.



Rear

The SV-7S's compact, link-type monoshock rear damper has also been tuned to maximize comfort while delivering an agile and stable ride.

The rear suspension offers seven steps of adjustable preload to match the various needs of solo or tandem riding, while offering 129 mm of wheel travel to help provide a smooth and comfortable ride.

Careful suspension calibration contributes to smooth and composed riding performance across a variety of road surfaces.



Brake System





Front	The new SV-7S features highly effective 290 mm dual floating discs with powerful 4-piston calipers that deliver strong, progressive stopping power and excellent lever feel.
Rear	A single 240 mm disc provides balanced, controllable braking.
ABS	The Antilock Brake System (ABS) helps avoid wheel locking when there is a sudden change in road surface during braking or when an excessive braking force is applied. The system monitors wheel speed and matches stopping power to available traction.

* 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 also color-coordinated with the body colors to draw further attention to their attractive styling.

Following a detailed evaluation to determine which tire specifications would be the best match for the SV-7S, Suzuki selected Dunlop ROADSMART III sport-touring tires (120/70ZR17 front and 160/60ZR17 rear) for their blend of grip, stability, and long-term durability. These tires provide stable performance in dry or wet conditions, and demonstrate consistent handling across a broad range of road surfaces.





LED Mono-Round Headlight

The mono-round headlight carries on the legacy of past SV650 models while offering a modern design with a bright, lively feel. The LED lamps and multi-reflector system employed within the housing help ensure bright illumination, even during cornering, and the light distribution covers a wide field of vision. Development involved extensive light distribution testing and repeated fine-tuning to achieve a bright and optically efficient headlight suited to today's roads.





New wiring harness

The design goal for the new wiring harness was to deliver a clean, slim-looking harness that improves assembly ease and durability, despite the demands of supporting the various sensors employed by the newly introduced electronic rider assist and emissions control systems. Attention to detail extends to revising the routing through the frame to enhance durability when the handlebars are turned to the left or right.







4.2-inch Color TFT Multi-Information Display

The SV-7S is equipped with a full-color TFT instrument panel designed to display a wide range of information clearly and intuitively. Every element of the layout has been carefully considered to make settings and mode changes effortless. The intuitive design allows riders to operate the system naturally, for a user-friendly interface that enhances the riding experience.

Smartphone connectivity enables a turn-by-turn navigation display in an easy-to-read format. When connected, the meter switches to a dedicated horizontal layout; when not connected, it displays a clean, classic circular tachometer. The display allows riders to check various types of information—from sporty riding performance metrics to the range and trip data associated with longer rides. A brightness sensor automatically adjusts the screen illumination to match ambient light, or the rider can select day (white) and night (black) display modes manually.

Exclusive graphics shared with Suzuki's large-displacement motorcycles include blue background lines that add extra flavor and convey the appeal and spirit of the Suzuki brand identity. The tachometer's bar graph smoothly transitions from light blue to deep blue as engine speed rises, conveying both precision and energy. There is also a brief custom animation that plays when the key is turned on. This playful presentation is pleasing to the eye and heightens anticipation of the ride to come.

On-Screen Ride and Bike Information

- Real-time and average fuel consumption
- Gear position indicator
- Dual trip meters and odometer
- Speedometer and tachometer graphics
- Riding range
- Voltmeter
- Oil change indicator
- Water temperature gauge
- SDMS mode
- Quick Shift (ON/OFF)
- 12-hour clock



Day mode



Night mode

Notes: 1. All lights and indicators are illuminated in the photo for illustrative purposes.
2. Functionality may be impacted by data transmission issues.

Smartphone connectivity using SUZUKI RIDE CONNECT+ App

The rider can connect a smartphone running iOS or Android™ by way of a Bluetooth®* connection and, as described below, access a variety of useful information and services on both the color TFT LCD screen and their smartphone.

1. Navigation	You can receive real-time map guidance and traffic information while riding to your destination.
2. Incoming Notifications	Smartphone call notifications etc. are displayed on the TFT LCD screen and communicated to the rider.
3. Weather	Real-time weather information for your current location is displayed on the TFT LCD screen.
4. Alerts	Sudden changes in weather or traffic conditions are displayed on the TFT LCD screen, helping riders stay informed about changing conditions.
5. And more	A range of other included functions help enhance rider confidence, convenience and comfort.

Note: functionality may be impacted by data transmission issues.

*The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

***Android/iOS compatible**

Download on the App Store

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.

GET IT ON Google Play

Google Play and the Google Play logo are trademarks of Google LLC.

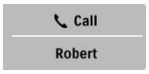
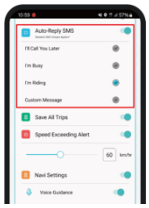
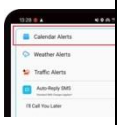
1. Navigation

You can receive real-time map guidance and traffic jam alerts while riding to your destination.

	TFT LCD screen		Smartphone	
Navigation	  	• **Turn-by-turn Navigation** App-linked navigation function that guides the user with directional arrows and distance displays on the meter. • **Time and distance to destination** Displays estimated arrival time, remaining distance and traffic jam alerts.		• **Full navigation functions (including map and voice guidance)** The app displays the current position on a map and offers voice guidance when wearing a headset.
POI (Point of Interest)	-	-		• **Dealer and POI displays** Nearby dealers and points of interest are displayed, with information automatically updated.

2. Incoming Notifications

Smartphone call notifications etc. are displayed on the TFT LCD screen and communicated to the rider.

	TFT LCD screen		Smartphone	
Incoming call notification **(Via a phone line or social media calling feature)**		• **Incoming call information displayed**	-	• **Standard smartphone function**
Auto reply SMS (Android only) Automatically declines phone calls and sends an SMS message (ex. “I’m riding”) (IP not supported)	-	-		• **Auto reply function*** Automatically declines incoming calls while riding, instead sending the caller a pre-set response message. *Android only
Message notification SMS/SNS (Note: Not all social media platforms are supported.)		• **Incoming SMS information displayed**	-	• **Standard smartphone function**
Calendar notification		• **Schedule notifications** Displays scheduled events during the ride.		Supports notifications using Google Calendar on Android and the default Calendar app on iOS.

*IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license. Android is a trademark of Google LLC.

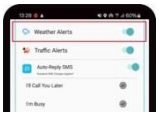
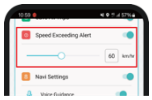
3. Weather

Real-time weather information for your current location is displayed on the TFT LCD screen.

	TFT LCD screen		Smartphone	
Temperature and weather information * Information on current location whether or not the navigation system is active.		**Weather information icon type**	-	-

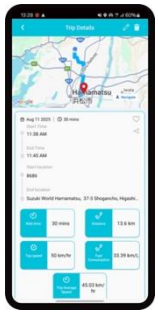
4. Alerts

Sudden changes in weather or traffic conditions are displayed on the TFT LCD screen, minimizing stresses while riding.

	TFT LCD screen		Smartphone	
Weather alert Fog, Rain, Thunderstorm, Snow, Hailstorm		**Weather alert mark** **Rain alerts and traffic jam information** When the navigation system is in use, an alert appears when there are rain clouds on the selected route. *Alternating between Alert mark and TBT arrow. 		**Notifications can be switched on or off.**
Traffic alert				
Specified speeding alerts The app helps promote more cautious riding.	 During Navigation	**Speed warning displayed**	 App Settings	**Speed warning setting / Warning display function**

5. And more

A range of other included functions help enhance rider confidence, convenience and comfort.

<table>
<tr><th></th><th colspan="2">TFT LCD screen</th><th colspan="2">Smartphone</th></tr>
<tr><td>Last parked location
Makes it easy locate the SV-7S in parking lots, etc.</td><td>-</td><td>-</td><td>-</td><td>Map display</td></tr>
<tr><td>Daily/Monthly Displays fuel consumption and mileage
When connected, (regardless whether the navigation system is set; riding when not connected is not included).*</td><td>-</td><td>-</td><td rowspan="3">
</td><td rowspan="3">• Odometer
• Tripmeter
• Trip average speed
• Daily fuel consumption
• Monthly log (Distance ridden, average fuel consumption)
• Maintenance information (tires, battery)
• Share trip routes to SNS</td></tr>
<tr><td>Trip history
・Records the last 10 routes navigated in the past and 10 favorite routes.
・Riding time / distance / Fuel consumption / max speed / average speed / map
・SNS sharing (same as Google Maps)</td><td>-</td><td>-</td></tr>
<tr><td>Vehicle information Fuel
Odometer and tripmeter (A & B); stats from last time the phone was connected.*</td><td></td><td>Fuel</td></tr>
<tr><td>Service Alerts
Maintenance information (5 selectable items such as oil, tires, battery, etc.)</td><td>-</td><td>-</td><td rowspan="2"></td><td rowspan="2">Alerts for managing Service and Digital wallet expiry dates</td></tr>
<tr><td>Digital wallet
Expiry date alerts can be set and images saved for a driver's license and up to 3 pieces of identification.</td><td>-</td><td>-</td></tr>
</table>

*The connection between the SV-7S and the smartphone is terminated when the ignition switch is turned off, preventing unnecessary consumption of either device's battery.

Design Theme: Clean, Simple and Sporty

The SV-7S design aims to carry on the clean, slim and simple naked image of the SV650, while updating the colors, graphics and finishing to realize a modern look that appeals to today's market. This ranges from touches such as the black anodized tapered handlebar and handlebar brackets, to the stylish appeal of the mono-round headlight and its improved lighting capabilities.





The visual language of the SV-7S conveys agility, the clean lines of sophisticated simplicity, and riding comfort. It is offered in a curated selection of finishes that highlight its identity as an agile urban sprinter and capable allround street bike.

Body Colors

1. Pearl Suzuki Deep Blue No. 4 (Q3A)

- A vibrant new shade of blue with striking presence designed to make standard bikes look even more beautiful.
- Frame: Mat Sword Silver (QKA)
- Wheels: Pearl Suzuki Deep Blue No. 4 (Q3A)





2. Glass Sparkle Black (YVB)

- Instead of offering up a straight monotone look, the development team opted to combine black for the body color and dark gray for the frame color. This use of tones that are similar in hue but that also add subtle contrast in finish conveys greater depth and impact.
- Frame: Gray (Q2H)
- Wheels: Glass Sparkle Black (YVB)



3. Mat Sword Silver (QKA) / Glass Sparkle Black (YVB)

- Combines a Mat Silver fuel tank and frame with black body panels to create a sophisticated look.
- Frame: Mat Sword Silver (QKA)
- Wheels: Suzuki Deep Blue No. 4 (Q3A)



9. SPECIFICATIONS

SV-7S

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 cm^3 (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)

- Actual fuel consumption and CO_2 emissions may differ depending on conditions such as weather, road, rider behavior, and maintenance.
- Specifications, appearances, color (including body color), equipment, materials and other aspects of SUZUKI products shown in this press kit are subject to change by Suzuki at any time without notice and may vary depending on local conditions or requirements.