

SV-7GX

Aiming to set a new standard for midweight crossover motorcycles, the SV-7GX delivers easy handling in town and confident control on open backroads, all while maintaining rider comfort. With dynamic proportions and sleek, aggressive sportbike-inspired styling, the SV-7GX pairs its proven DOHC V-twin engine with modern electronic systems to make every ride a new adventure.

With every beat, the experience expands



Key Features

The **slim and compact 645 cm³ liquid-cooled 90° DOHC V-twin engine** delivers smooth, controllable power and a broad, linear torque curve.

Uneven firing intervals create the **distinctive V-twin pulse** that defines the SV series while maintaining refined smoothness.

Downdraft throttle bodies with optimized injectors and **dual-spark iridium plugs** improve combustion efficiency and throttle response while helping to achieve Euro 5+ compliance.

Inspired by the concept and aggressive sportbike character of the GSX-S1000GX, the SV-7GX embodies **Suzuki's crossover identity** through bold, refined, and sporty styling that blends sharp, flowing lines with a confident, tall crossover stance.

Aerodynamic efficiency, superior wind protection and effective thermal management combine to reduce fatigue over long distances, while also offering the agile handling and compact proportions that define the crossover segment.

The SV-7GX adopts the latest electronic control systems of the **Suzuki Intelligent Ride System (S.I.R.S.)**, including the Bi-directional Quick Shift System, Ride-by-Wire Electronic Throttle Control System, Suzuki Traction Control System (STCS), Suzuki Drive Mode Selector (SDMS), Low RPM Assist, and Suzuki Easy Start System.

The lightweight **tubular steel trellis frame** delivers balanced rigidity, a low center of gravity,

and slim proportions for agile, predictable handling.

The **upright, ergonomically optimized riding position** – enhanced by a wide 740 mm tapered aluminum handlebar set closer to the rider than on the SV650 – creates a noticeably more relaxed forward lean. This reduces strain on the wrists and lower back during long rides and contributes to reducing fatigue on extended tours.

Low seat height (795 mm) ensures easy reach to the ground. Both the rider and passenger cushions feature thicker, reshaped padding for long-distance comfort.

A **3-step adjustable windscreen**, integrated knuckle covers, and a standard molded rear carrier with large grab rails enhance touring practicality and weather protection.

The newly designed **17.4 L fuel tank** offers extended touring range while maintaining a slim, comfortable profile for easy knee grip.

Large 4.2-inch full-color TFT display ensures excellent visibility and with smartphone connectivity via the Suzuki Ride Connect+ app, offers navigation and notifications from calls, texts and other convenient functions.

The **compact dual-function LED projector headlight** provides bright low and high beams, flanked by slim LED position lights that create a sharp, distinctive front-end expression.

Engine Features

Suzuki's legendary liquid-cooled 645cm³ DOHC 4-valve 90-degree

V-twin engine continues to up its game with yet further refined performance. Known for its compact design, linear torque, and exceptional reliability, it now meets modern crossover demands while preserving the distinctive, character-rich power pulses that riders have trusted for decades.

The 90° V-twin engine delivers strong, accessible power across the rev range, pulling smoothly from low rpm and surging confidently through the midrange while remaining composed at high revs. Blending proven mechanical strength with modern electronics, it offers a smooth, responsive ride that **inspires confidence for all riders, whether navigating city traffic or enjoying winding backroads.**

Suzuki Composite Electrochemical Material (SCEM) cylinder plating, robust crankshaft bearings, and effective oil-jet piston cooling work to improve heat dissipation, reduce friction, and enhance high-load durability.

Lightweight resin-coated pistons and L-shaped rings enhance sealing, minimize friction and blow-by, enhancing long-term reliability and improving efficiency for smoother performance and lower emissions.

Dual iridium spark plugs used in each cylinder enable more precise ignition and efficient combustion, resulting in smoother power delivery and cleaner emissions.

By adopting **Electronic Throttle Control**, the SV-7GX works seamlessly with the advanced rider-assist electronics of the Suzuki Intelligent Ride System (S.I.R.S.). Its fine-tuned throttle response and intake system deliver stronger high-rpm power,

while the refined V-twin's distinct intake note gives riders an authentic connection to the engine and the road.

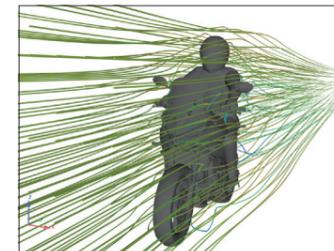
Adaptation of the finely tuned **compact 2-into-1 exhaust** and its catalytic converter, together with new oxygen sensors, helps maintain consistent emissions control that complies with the latest Euro 5+ standards. An optimized catalytic converter is positioned within the exhaust system to ensure full regulatory compliance.

The redesigned **exhaust cover features a satin-buff finish** that highlights its metallic character and gives it a premium, sophisticated look.

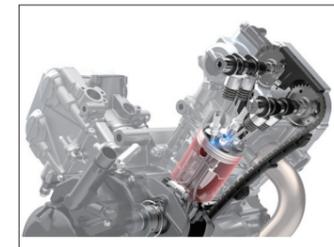
Suzuki Intelligent Ride System(S.I.R.S.) Features

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. Finely tuned specifically for the SV-7GX, S.I.R.S. works to enhance overall adaptability, controllability, and confidence for riders of all types.

The **Suzuki Drive Mode Selector (SDMS)** system maximizes the potential of the electronic throttle control with three selectable power-delivery modes. By choosing the mode that best matches their skill level, road conditions, or mood, riders can enjoy smoother acceleration and a ride that inspires greater confidence and pleasure every time they open the throttle.



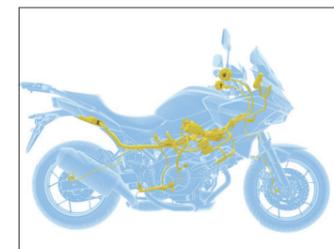
Aerodynamics and Wind Protection



645cm³ V-Twin engine



795mm seat height



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

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.

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, especially in wet conditions. Output is limited to 45kW.

The **Suzuki Traction Control System (STCS)** is designed to help prevent rear wheel slip by continuously monitoring wheel speed, throttle position and other factors, adjusting engine output when wheel spin is detected to optimize grip across varying road surfaces. Riders can select among three levels of intervention, or opt to turn the system OFF when they prefer not to engage STCS.

Suzuki's **ride-by-wire electronic throttle control** delivers precise, linear response while supporting all the rider-assist functions of S.I.R.S. It offers responsive, intuitive acceleration, whether riding in city traffic or out on the open road.

The **Bi-directional Quick Shift** system, paired with a 6-speed gearbox, provides greatly enhanced gearshift ease by allowing all shifts to be made without using the clutch lever. As a result, this fully electronic system reduces rider fatigue in both touring and sporty riding.

The **Suzuki Easy Start System** lets the engine start with a single press of the starter button, and no clutch operation is required when in neutral, making the process more convenient.

Low RPM Assist momentarily increases engine revs at takeoff or low speeds to reduce the chance of stalling—especially in stop-and-go conditions—providing smoother, easier starts with added confidence.

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.

Chassis Features

The SV-7GX combines rigidity and **engineered flex for stable, agile handling and crossover-class comfort**, with a low center of gravity for stability and quick, predictable steering response.

The lightweight **trellis-style steel frame** combines slim, compact proportions with a refined appearance, delivering excellent rigidity and balance that contribute to agile handling and confident stability, whether riding solo, two-up, or with luggage.

The SV-7GX features handlebars positioned closer to the rider than on the SV650, while the footpegs are set lower. These adjustments create a more relaxed, **upright riding posture** that enhances comfort and control for a wide range of riders.

The **tapered aluminum handlebars** feature integrated bar

weights and optimized grip angles to reduce vibration and fatigue on long rides. Engineers carefully tested various configurations to suit a wide range of body types, while the tuned shape, finish, and rigidity convey precision and quality.

The **rider's seat** has additional, better-contoured padding to reduce pressure points, while the thicker, reshaped pillion seat enhances long-ride passenger comfort.

By combining **excellent aerodynamic efficiency, superior wind protection**, and effective thermal management, the SV-7GX offers reduced fatigue over long distances, along with the agile handling and compact proportions that define the crossover segment, all while creating dynamic three-dimensional forms.

The **adjustable windscreen** offers three height settings. With a total adjustment range of 50 mm, the windscreen enables riders of various heights to reduce helmet buffeting and the tiring pressure on the chest.

Stylish knuckle covers fully integrated into the design of the front cowl effectively deflect wind and debris away from the rider's hands.

The **17.4-liter fuel tank** offers extra peace of mind for long-distance riders while retaining a surprisingly slim, comfortable shape.

Standard-equipment rear carrier with integrated grab rails adds touring utility and passenger comfort and gives extra versatility for both carrying and touring convenience.

The **suspension delivers an ideal balance of comfort and sportiness** for smooth high-speed stability, precise handling, confident urban control, and exceptional ride comfort. The responsive 41 mm front forks with a smooth 129 mm stroke excel at tracking varying road surfaces. The compact link-type rear monoshock is tuned for crossover and touring comfort and offers seven preload levels for riding solo, two-up, or with luggage.

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.

The SV-7GX's **10-spoke aluminum wheels** feature striking color accents. Paired with **Pirelli Angel GT II tires**, they deliver superb grip, stability, and durability for confident performance.

Electrical Features

A **compact dual-function LED projector headlight** delivers powerful low and high beams. It is flanked by slim **LED position lights** that create a pair of sharply expressive "eyes" peeking out from under the brow of the central front cowl. Inspired by the GSX-S1000GX, this dynamic lighting arrangement conveys a distinctive, forward-leaning presence and an unmistakable family identity.

The sleek **LED rear combination light** and LED turn signals enhance visibility while adding a modern, premium touch that complements the SV-7GX's sporty crossover styling.

The **4.2-inch full-color TFT screen** offers crisp visibility in any light, with multiple layouts for ride data or touring info. Automatic brightness adjustment ensures clarity and the intuitive design allows riders to operate the system naturally, while advanced connectivity enhances ease-of-use.

The rider can connect their smartphone via Bluetooth® using the "**Suzuki Ride Connect+**" app on iOS or Android™ to access a variety of useful information and services on both the color TFT LCD screen and their phone.

Note: - Functionality may be impacted by data transmission issues.

- Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

- Apple is a trademark of Apple Inc., registered in the U.S. and other countries.

- iOS is a trademark of Cisco in the U.S. and other countries and is used under license.

- Android™ is a trademark of Google LLC.

A **USB-C port** located near the display provides 5V/3A output capable of powering electronic equipment. The port's placement was designed for easy cable routing without obstructing the display.

Styling Design Features

The SV-7GX strikes a bold, refined silhouette that blends **adventure-tourer presence with sportbike agility**. Its dynamic crossover-style half cowl, sculpted side panels, and slim trellis frame convey striking style and aerodynamic function. With premium finishes and integrated practicality, the SV-7GX embodies athletic design crafted for real-world riding comfort.

The SV-7GX embodies Suzuki's crossover identity while **inheriting the dynamic proportions of the GSX-S1000GX**. Its styling expresses the flowing lines and aggressive character of a sportbike.

The design blends athletic performance with refined comfort, offered in **curated colors paired with graphics** that highlight its dynamic lines and distinctive crossover character for both city and long-distance riding.

Asymmetrical decal placement emphasizes the flow of the panels and the bike's forward-leaning stance.



* This photo includes optional accessories.

Genuine Accessories

Genuine accessories represent a fun and practical way to customize and personalize the SV-7GX. Riders can freely choose from a rich lineup of items to enhance comfort, utility and protection, and to achieve their desired look.



Touring Screen (Clear)

This optional high touring screen is designed to offer a significantly higher level of wind protection that enhances comfort on long rides. (80 mm taller than the standard screen)



Mirror Extension

Gives another option for rear visibility. The mirrors can be raised 50 mm higher than the standard setting, and are adjustable up to 40 mm sideways. The set includes right and left side spacers.

*Separately sold Spacer Set for Mirror Extension is required to install Mirror Extension.



Grip Heater

This Grip Heater has three adjustable heat level settings. Keeps the entire surface of the grip warm for comfortable riding.



Ring for Tank Bag

Required item to install Fuel Tank Bag Large or Fuel Tank Bag Small.



Frame Slider

Helps to reduce the impact on the engine and frame while also mitigating damage. Designed with the SUZUKI logo. The set includes right and left side sliders.



Comfort High Seat

This seat is 25 mm higher than the standard seat. Its thick cushion enhances softness and comfort.



Fuel Tank Pad (Black/Gray)

Fuel Tank Pad with SUZUKI logo protects the fuel tank from scratches.



Rim Decals (White/Black)

Decals to decorate the wheel's outer rim.

*Set of 6 decals per wheel.
*Can be used for front and rear wheels.
*White/Black decal with SUZUKI logo.



Fuel Tank Bag (Large)

Made from durable nylon with a 11-liter capacity, expandable to 14 liters. Includes a rain cover. Easy magnetic mounting for quick installation.

*Separately sold Ring for Tank Bag is required.
*Maximum load: 3 kg
*Max speed: 130 km/h (Please use this item at a speed of less than 130 km/h.)



Soft Side Case Set

Attach these side cases for extra loading capacity and a classy look to the SV-7GX. The volume is expandable from 15 L up to 20 L per case, and the design features the SUZUKI logo. The set ships with the right and left side cases.

*Separately sold Side Case Bracket Set is required.
*Maximum load per case: 3 kg
*Max speed: 130 km/h (Please use this item at a speed of less than 130 km/h.)



Fuel Tank Bag (Small)

Made from durable nylon with a 5-liter capacity, expandable to 8 liters. Includes a rain cover. Easy magnetic mounting for quick installation.

*Separately sold Ring for Tank Bag is required.
*Maximum load: 3 kg
*Max speed: 130 km/h (Please use this item at a speed of less than 130 km/h.)



Side Case Bracket Set

This bracket set is required for installation of Soft Side Case Set. The set includes the right and left side brackets.



Plastic Top Case 45 L

A top case adorned with the SUZUKI logo.

*Separately sold Top Case Adapter Plate is required.
*Maximum load: 3 kg / Outer volume: 45 L



Plastic Top Case 27L

A top case adorned with the SUZUKI logo.

*Separately sold Top Case Adapter Plate is required.
*Maximum load: 3 kg / Outer volume: 27 L



Top Case Adapter Plate

Attach this accessory to the originally equipped rear carrier to install Plastic Top Case 27 L or Plastic Top Case 45 L.



* This photo includes optional accessories.

Colors



Pearl Brilliant White / Metallic Triton Blue (BQJ)



Pearl Mat Greige (Q2A)



Glass Sparkle Black (YVB)



Note: SUZUKI MOTOR CORPORATION reserves the right to change the design or discontinue any Suzuki Genuine Accessory at any time without notice. Some Suzuki Genuine Accessories might not be compatible with local standards or statutory requirements. Please check with your local AUTHORIZED SUZUKI DEALER for details at the time of ordering.