

V-STRIM 800 RE



SUZUKI



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The New V-Strom 800RE

BORN TO ROAM

Travel any road, using a powerful and torquey engine, whilst enjoying the comfort of a well cushioned seat and wide protective screen. Go further with superior range thanks to the 20L fuel tank and impressive fuel economy. Excellence as standard with a bi-directional quickshifter, 5" colour TFT display, traction control and power modes. Discover new possibilities with the V-Strom 800RE.

ANY TERRAIN. ANY HORIZON. ANY ADVENTURE



Power Your Adventures



Real-world Performance

The 776cc parallel twin engine that powers the V-STROM 800RE delivers a fine balance of smooth, controllable power and free-revving performance you will enjoy on every outing, whether heading out for a long journey loaded with gear or simply enjoying daily rides around town. Designed to be powerful, efficient, rider-friendly and versatile, the engine features a 270-degree crank layout with a firing order that produces abundant torque and positive traction, as well as a pleasing rumble similar to that of a V-twin engine. The engine's compact front-to-rear size contributes to achieving optimum weight distribution and chassis geometry, while it also helps position the hip point forward to provide you with an optimal riding position.



776cc, 4-stroke, 2-cylinder, Liquid-cooled, DOHC, Parallel Twin Engine

Suzuki Clutch Assist System (SCAS)

Suzuki Clutch Assist System (SCAS) helps reduce fatigue on long rides and contributes to smooth shifting. It's a blessing when riding in traffic, travelling long distances, or exploring trails. The system's assist function helps efficiently transfer torque to the rear wheel when accelerating. Its slipper function delivers smoother deceleration when downshifting for better control that lets you ride with greater confidence.

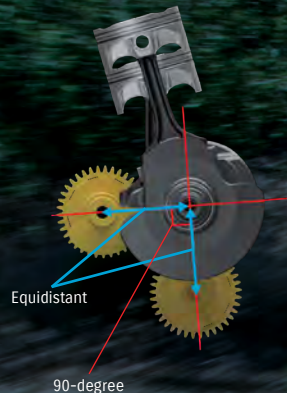
Suzuki Cross Balancer

Developed specifically for the 776cc parallel twin engine, this patented* biaxial primary balancer suppresses vibration and contributes to smooth operation by positioning its two balancers equidistant at 90° to the crankshaft. Balancer No.1 cancels the primary vibration generated by the piston of the first cylinder, while balancer No.2 cancels the primary vibration of the second cylinder. Furthermore, placing the two balancers at 90° to the crankshaft with each positioned equidistant from the crankshaft cancels primary couple vibration, it also helps realise a lightweight powerplant that is more compact from front to rear.

*Patent granted in Japan for biaxial primary balancer that positions its two balancers at 90° to the crankshaft.



Balancer No.1 Balancer No.2

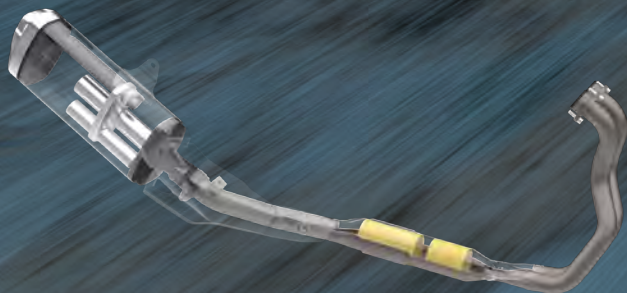


Equidistant

90-degree

Exhaust System

Instantly distinguishable by the striking look of its upswept silencer design, the 2-into-1 exhaust system is engineered to produce a pleasing note and maximise power output, whether enjoying a high-speed touring run or exploring rural roads at a more leisurely pace. As an added benefit, the system's two-stage catalytic converter helps satisfy Euro 5 emissions standards.



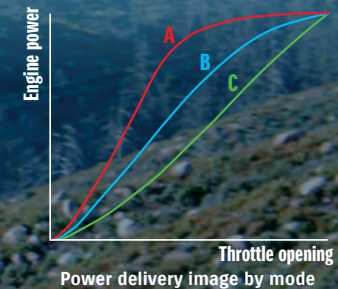
Suzuki Intelligent Ride System (SIRS)

The Suzuki Intelligent Ride System (SIRS) features a collection of advanced electronic systems developed to assist you and help in optimising performance characteristics to suit your changing riding needs and preferences. By making the V-STROM 800RE more controllable, predictable, and less tiring to operate, these systems help you ride with greater confidence, whether touring for long distances, carrying gear, or just heading out for an invigorating run on the weekend.



Suzuki Drive Mode Selector (SDMS)

You can choose among three different power output characteristic modes to best match varying riding conditions or your preferences. While all three ultimately produce maximum engine output at the high end, fine control over each mode's level of throttle response and torque characteristics empowers you to ride with greater confidence and pleasure, especially when fully turning the throttle grip to accelerate from a slightly open position.



Mode A (Active)

Delivers the sharpest throttle response as you open the throttle. Torque characteristics are finely tuned to deliver exciting acceleration as the throttle is opened.

Mode B (Basic)

Features softer throttle response and a more linear power delivery curve as you open the throttle. Settings are tuned to help make the bike more controllable and a good fit for everyday riding.

Mode C (Comfort)

Offers yet softer throttle response and more gentle torque characteristics. This mode is useful when riding on wet or slippery surfaces.

Ride-by-wire Electronic Throttle System

This cable-free system leverages the onboard ECM to finely control the relationship between throttle action and engine output characteristics. Individual settings are tuned to optimise output to match throttle grip action, particularly when first opening the throttle. This improves controllability and provides faithful response.

Low RPM Assist

By ensuring smoother and easier starts, this function helps you control the bike more easily in stop-and-go traffic. It uses TI-ISC (Throttle-body Integrated Idle Speed Control) to help maintain engine idle speed as you release the clutch lever while launching from a standing start, or when riding at low speeds.

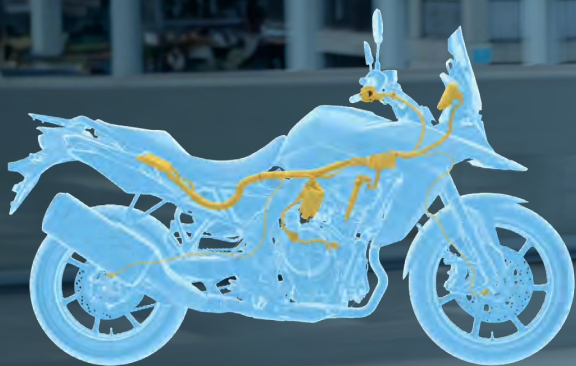
Bi-directional Quick Shift System

When activated, this system lets you shift up or down without operating the clutch lever while in motion. Features include clean upshifts with smooth acceleration and downshifts that are also quick and easy, thanks in part to automatic blipping and engine braking working together. The gear shift linkage system load rate is optimised to provide a solid, satisfying click with each shift that assures you the gearbox has responded immediately to your action.

Suzuki Traction Control System (STCS)

Designed to help prevent the rear wheel from slipping, this system reduces stress and fatigue while instilling 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.

Note: Traction Control System is not a substitute for the rider's throttle control. It cannot prevent loss of traction due to excessive speed when entering turns, or while braking. Nor can it prevent the front wheel from losing traction.



Suzuki Traction Control System Image

Two-Mode ABS

The Anti-lock Brake System (ABS) contributes to more stable braking by helping prevent the wheels from locking up, even under hard braking. There are two mode settings. Mode 1 provides minimal intervention while Mode 2 intervenes more proactively.

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

Suzuki Easy Start System

One quick press of a button lets you start the engine. As a function used on every outing, Easy Start makes your riding experience all the more pleasurable and convenient.



Agility and Control



Touring Comfort and Everyday Convenience

The chassis is engineered to deliver great cornering performance and provide sure and stable handling under all riding environments. Every aspect of its design also prioritises comfort while minimising fatigue when touring for long distances. At its core, the strong steel frame provides excellent straight-line stability, contributes to agile handling and performs well at motorway speeds, while at the same time featuring the right amount of flex to help maximise comfort on long rides or when passing over rural trails. The seat rails are built to ably support the added weight of a passenger or loaded top and side cases, and they feature a narrow profile that helps you better control the bike with your legs. The lightweight construction of the uniquely shaped aluminium swingarm contributes to a smoother, more comfortable ride by enhancing trackability and rear suspension response.



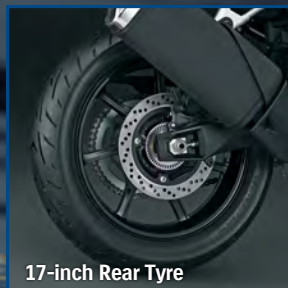
Chassis Geometry Optimised for On-road Comfort

The V-STROM 800RE's chassis geometry is engineered to provide maximum stability, controllability and comfort on long-distance touring runs. Keen attention was devoted to optimising the riding position. Related details include a dedicated handlebar position that creates a slight forward lean and an overall riding position that is more comfortable and advantageous for road riding, enabling you to easily shift your weight and control the bike when negotiating tight corners at speed. In addition, the seat height of 825mm helps make it easier to plant your feet firmly on the ground when stopped. Showa SFF-BP* (Separate Function Fork – Big Piston) suspension delivers a smooth, controllable ride. Putting the power to the pavement are new 7-spoke cast aluminium wheels shod with Dunlop tyres engineered exclusively for the V-STROM 800RE. The 19-inch front tyres and 17-inch rear tyres help realise agile handling, solid grip and high-speed stability. Sure stopping power and controllable braking performance is provided by four-piston radial-mount brake calipers mated with 310mm outer diameter dual discs up front, and a 260mm outer diameter disc with a single-piston pin-slide caliper in the rear.



Front Suspension

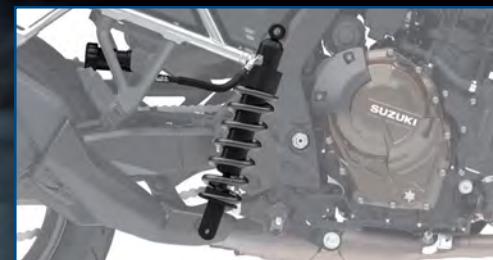
* SFF-BP is a registered trademark of Hitachi Astemo, Ltd.



17-inch Rear Tyre



19-inch Front Tyre



Rear shock absorber



Comfort is in the Details

The V-STROM 800RE seat is designed for comfort and freedom of movement on long touring runs. It features a dense foam cushion and durable solid-mount design that ably handles weight shifts as you change position and stands up well to input load from the road surface. And the V-STROM logo embossed on the seat surface adds a pleasing design accent. Rubber-covered aluminium rider footpegs provide comfort when touring for long distances. The rear carrier with integrated passenger grab bars is handy for carrying extra gear or mounting a genuine accessory top case. Additional comfort and convenience come from knowing that the 20L fuel tank capacity extends your riding range between refueling stops. The relatively tall height-adjustable windscreen for the V-STROM 800RE features a shape and size defined by extensive wind tunnel testing and analysis that helps reduce fatigue on long rides by cutting wind noise and preventing buffeting.

Purposeful Electrical Design

Colour TFT LCD Instrument Panel

The V-STROM 800RE adopts a custom 5-inch colour TFT multifunction instrument panel. Clearly legible high-quality information displays keep you fully aware of all the bike's systems and settings, and supply vital real-time operating status information. The tachometer does double duty as a programmable rpm indicator that blinks when the engine reaches a preset speed, and the TFT includes a function that lets you display large pop-up alerts and warnings. Manual or automatic settings for switching between the day (white) and night (black) display modes let you maximise visibility at any hour and in any riding situation.



Day Mode

Night Mode

Distinctive LED Lighting

The vertically stacked pair of hexagonal LED headlights topped by an LED position light helps create a slim, compact face with a thoroughly modern look that symbolises Suzuki design and a new era of sophisticated adventure styling. Compact LED indicators and an LED taillight also help ensure clear visibility and practical durability.



LED Headlights and LED Indicators

LED Position Light

LED Rear Combination Light

USB Port

USB Port for Easy Charging

A USB (Type-A) port built into the left side of the multifunction instrument panel provide up to 5V output voltage and 2A maximum current.

- * Using the USB port while the engine is idling or stopped may drain the battery. Be aware of battery drain when using the USB port.
- * Do not use when washing the motorcycle or when it is raining.
- * Attach the cap when the USB port is not in use.



Suzuki Genuine Accessories

Suzuki offers a rich line-up of genuine accessories designed to expand your world of adventure touring with options that further enhance comfort, utility, and protection.





Aluminium Top Case (Silver/38L) 93100-25840-000

An ideal choice on V-STROM with aluminium top case embossed with SUZUKI logo. Maximum load 3kg and case capacity 38L. Please use this item in the speed less than 80mph. Two colours available: Silver: Anodised. Black: Powder coated. In combination with top case carrier plate (p/n 93800-25850-000) and 2 locks (p/n 95700-25810-000).



Aluminium Top Case (Black/38L) 93100-25860-000

An ideal choice on V-STROM with aluminium top case embossed with SUZUKI logo. Maximum load 3kg and case capacity 38L. Please use this item in the speed less than 80mph. Two colours available: Silver: Anodised. Black: Powder coated. In combination with top case carrier plate (p/n 93800-25850-000) and 2 locks (p/n 95700-25810-000).



Top Case Carrier Plate 93800-25850-000

Top case carrier plate is designed only for installing aluminium top case (p/n 93100-25840-000 / 93100-25860-000). Please do not use for other purpose.



Plastic Top Case (35L) 93300-25810-000

Gives a typical V-STROM look with a plastic 35L top case, with one-key system using the ignition key for locking/unlocking. Maximum load : 5kg, case capacity 35L. Please use this item in the speed less than 80mph. In combination with top case carrier plate (p/n 93900-25820-000) and lock set (p/n95700-48810-000/95700-48820-000).



Cushion Pad For Plastic Top Case (35L) 99146-31100-35L

Improves riding comfort of the passenger by preventing passenger's back touching hinge. To be installed on plastic top case 35L (p/n 93300-25810-000).



Aluminium Side Case Set (Silver) 95400-25840-000

An ideal choice on V-STROM, aluminium side case embossed with SUZUKI logo. Maximum load 3kg and case capacity 37L each. Please use this item in the speed less than 80mph. Two colours available: Silver: Anodised. Black: Powder coated. In combination with side case bracket (p/n 93700-25860-000) and mirror extension (p/n 56700-25820-000). Locks are required (p/n 95700-25830-000 / 95700-25810-000).



Aluminium Side Case Set (Black) 95400-25870-000

An ideal choice on V-STROM, aluminium side case embossed with SUZUKI logo. Maximum load 3kg and case capacity 37L each. Please use this item in the speed less than 80mph. Two colours available: Silver: Anodised. Black: Powder coated. In combination with side case bracket (p/n 93700-25860-000) and mirror extension (p/n 56700-25820-000). Locks are required (p/n 95700-25830-000 / 95700-25810-000).



Side Case Bracket 93700-25860-000

Required for installation of aluminium side case set. (p/n 95400-25840-000/95400-25870-000/95400-25830-000/95400-25860-000).



Side Case Lower Bracket 93700-25880-000

Required for installing plastic side case set (p/n 95400-25810-000). In combination with side case upper bracket (p/n 47500-25810-000).



Lock Set 95700-48810-000 95700-48820-000

In combination with plastic top case 35L (p/n 93300-25810-000) and plastic side case (p/n 95400-25810-000). 2 sets (p/n 95700-48810-000), 1 set (p/n 95700-48820-000).



Lock Set 95700-25830-000 / 95700-25810-000

Locks and key set for installation of aluminium top case (p/n 93100-25840-000/93100-25860-000) and aluminium side case set (p/n95400-25840-000/95400-25870-000/95400-25830-000/95400-25860-000). 6 sets (p/n95700-25830-000), 2 sets (p/n 95700-25810-000 *No image).



Plastic Top Case (56L) 93100-25810-000

Large plastic top case with embossed S logo. Lock and key included. (Cannot be used with side case set. (p/n 95400-25810-000) Maximum load 5kg and case capacity 56L. Please use this item in the speed less than 80mph. In combination with top case carrier plate (p/n 93800-25870-000).



Top Case Carrier Plate 93800-25870-000

Top case carrier plate is designed only for installing plastic top case 56L. (p/n 93100-25810-000) Please do not use for other purpose.



Fuel Tank Pad 99180-25L11-000

For tank cover scratch protection, featuring V-STROM logo.



Fuel Tank Protection Foil 99181-25L11-000

Protects against tank scratches.



Top Case Carrier Plate 93900-25820-000

Top case carrier plate is designed only for installing plastic top case 35L. (p/n 93300-25810-000) Please do not use for other purpose.



Plastic Side Case Set 95400-25810-000

Uses one-key system with the ignition key for locking/unlocking. Maximum load 5kg each and case capacity 26L (right) and 29L (left). Please use this item in the speed less than 80mph. In combination with side case upper bracket (p/n 47500-25810-000), side case lower bracket (p/n 93700-25880-000) and lock set (p/n 95700-48810-000/95700-48820-000).



Side Case Upper Bracket 47500-25810-000

Required for installing plastic side case set (p/n 95400-25810-000). In combination with side case lower bracket (p/n 93700-25880-000).



Fuel Cap Protection Sticker 99185-00A00-BLK

Protects from scratches on fuel cap. (Colour : Black) Carbon-lock is also available. (p/n 99185-00A00-CRB)



DC Socket 38800-31810-000

Gives option to customers for usage of electric devices. To be installed underneath seat.



Touring Screen **94600-25850-000**
This optional touring screen is designed to offer a significantly higher level of wind protection that enhances comfort on long rides. (38mm taller than the standard screen)



Center Stand **42100-25820-000**
Brings your bike to a reliable and stable standing position for maintenance activities.



Side Stand Extension Plate **42300-25830-000**
Offers a large contact surface for various parking conditions and another look with V-STROM logo.



Low Seat **45100-25LC0-CKA**
For those who want lower seat, this low seat provides 20 mm lower seat height than the standard seat.



High Seat **45100-25LD0-CKA**
For those who want higher seat, this high seat provides 30 mm higher seat height than the standard seat.



Accessory Bar **94200-25810-000**
Fits the stylish body to give V-STROM a unique touring look. Required for installing LED fog lamp (p/n 99172-25L00-000 / 99172-25L10-000). In combination with accessory bar tube (p/n 41100-25810-000).



Accessory Bar Tube **41100-25810-000**
Required for installing accessory bar (94200-25810-000), aluminium skid plate (p/n 42500-25830-000), or under cover (p/n 94400-25830-000).



LED Fog Lamp **99172-25L00-000**
Bright LED fog lamps are firmly attached to the accessory bar. Improves visibility and enhance the appearance. Set of right and left lamp. In combination with accessory bar (p/n 94200-25810-000) and accessory bar tube (p/n 41100-25810-000).



Wheel Decals (Front) **99183-25L00-RED**
99183-25L00-GRY

Decals to provide another look around your V-STROM wheels. Generated with V-STROM logo. Available in two colours Red and Grey. Set of 4 decals per wheel.



Wheel Decals (Rear) **99183-25L10-RED**
99183-25L10-GRY



Grip Heater **57100-25820-000**
Heats the entire surface of the grips and offers three different level settings to keep hands warm when riding in cold weather.



Mirror Extension **56700-25820-000**
Gives another option on angle for rear visibility, mirror can be raised higher than 50mm compared to standard and is adjustable up to 40mm sideways.



Knuckle Cover **57300-25810-000**
Helps to protect your hands against wind. In case of installation with mirror extension (p/n 56700-25820-000), spacer set for mirror extension (p/n 56000-25810-000) is required.



Navigation Bracket **99155-00A00-000**
Navigation bracket with damping system installed at the center of the handle bar.

Spacer Set For Mirror Extension **56000-25810-000**
Required for installation of mirror extension (56700-25820-000) with knuckle cover (p/n 57300-25810-000).



Aluminium Skid Plate (Silver) **42500-25830-000**
A tough-looking plate to enhance the appearance. In combination with accessory bar tube (p/n 41100-25810-000).



Under Cowl **94400-25820-000**
Additional option to give another stylish impression. Not in combination with accessory bar tube (p/n 41100-25810-000).



Under Cover **94400-25830-000**
Additional option to guard engine. In combination with accessory bar tube (p/n 41100-25810-000).

Any Terrain, Any Horizon, Any Adventure.

Whether your journey takes you near or far, the V-Strom 800RE delivers the performance, control, comfort, convenience and enjoyment you need for every adventure.



Colour Variations



Metallic Matt Steel Green (QVP)



Pearl Vigor Blue (YKY)



Glass Sparkle Black (YVB)

SPECIFICATIONS

Overall length	2,255mm (88.8in.)
Overall width	905mm (35.6in.)
Overall height	1,355mm (53.3in.)
Wheelbase	1,515mm (59.6in.)
Ground clearance	185mm (7.3in.)
Seat height	825mm (32.5in.)
Kerb weight	223kg (492lbs.)
Engine type	4-stroke, 2-cylinder, liquid-cooled, DOHC
Engine displacement	776cc (47.4cu.in.)
Power	62.0kW @ 8,500rpm (84.3PS)
Torque	78.0Nm @ 6,800rpm (57.5lb. ft)
Bore x stroke	84.0mm x 70.0mm (3.3in. x 2.8in.)
Compression ratio	12.8 : 1
Fuel system	Fuel injection
Starter system	Electric
Lubrication system	Forced feed circulation, wet sump
Transmission	6-speed constant mesh
Suspension	Front Inverted telescopic, coil spring, oil damped Rear Link type, coil spring, oil damped
Rake / trail	26° / 124mm (4.9in.)
Brakes	Front Disc, twin Rear Disc
Tyres	Front 110/80R19M/C 59V tubeless type Rear 150/70R17M/C 69V tubeless type
Ignition system	Electronic ignition (transistorised)
Fuel tank capacity	20L
Oil capacity (overhaul)	3.9L
Fuel consumption	64.12MPG (4.4L/100km) in WMTC
CO ₂ emissions	104g/km in WMTC

Actual fuel consumption and CO₂ emissions may differ owing to conditions such as the weather, road, rider behaviour and maintenance.



Specifications, appearance, colours (including body colour), equipment, materials and other aspects of the "SUZUKI" products shown in this catalogue are subject to change by Suzuki at any time without notice. Each model may be discontinued without notice. Please enquire at your local dealer for details of any such changes. Images contain computer-generated composites and may include optional accessories. All images are of professional riders under closed road conditions.

All details correct at time of publication October 2023
Suzuki GB PLC, Steinbeck Crescent, Snelshall West, Milton Keynes MK4 4AE

- 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.

To find your nearest Dealer visit

bikes.suzuki.co.uk

