

**V-STRON 800 DFE**



**SUZUKI**



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# Born To Explore

Journey without limits, with a rugged steel frame, fully adjustable 220mm travel suspension, a 21" front wheel and 220mm ground clearance. Conquer new ground with an all-new, torque loaded 776cc 270° crank parallel twin engine. Equipped with a bi-directional quickshifter, 5" colour TFT display, traction control with gravel mode and switchable ABS the V-Strom 800DE is ready for anything.



# Powering Your Adventure



## A Compact, Powerful and Versatile New Engine

The V-STROM 800DE is powered by Suzuki's brand-new parallel twin 776cc engine. It features a long-stroke configuration that delivers a fine balance of smooth, controllable power and free-revving performance you will enjoy whether riding around town to commute or heading out to tour for long distances. It also results in the engine demonstrating tenacious staying power at extremely low speeds, making it easy to control the V-STROM 800DE on forest roads and trails when you get the desire to venture beyond where the pavement ends and explore your surroundings further.

The engine's new parallel twin layout brings the distinct advantage of its compact front-to-rear size. This contributes to achieving optimum weight distribution and chassis geometry, both for traversing gravel roads and trails, and for long-distance touring. At the same time, it helps position the hip point forward and provide you with an optimal riding position.

Suzuki chose a 270° crankshaft for the twin engine because its ignition timing contributes to delivering a smooth ride with plenty of torque, positive traction, as well as a pleasing rumble and sound similar to that of a V-twin.

The new engine and its smooth throttle response will fill your personal adventuring experience with fun and pleasure, even when carrying a passenger and luggage.



## Suzuki Cross Balancer

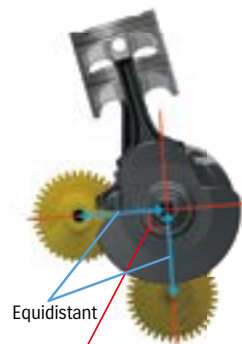
All modern parallel twin engines with a 270° crank layout employ a primary balancer to suppress vibration. Suzuki has created a new biaxial primary balancer, that is the first on a production motorcycle, to position its two balancers at 90° to the crankshaft.\*1 This patented\*2 mechanism excels at realising a smoother ride, while its design makes it possible to create a lighter powerplant that is more compact from front to rear.

\*1 According to Suzuki's in-house research

\*2 Patent granted for biaxial primary balancer that positions its two balancers at 90° to the crankshaft.



Balancer No.1 Balancer No.2



90-degree

## Exhaust System

The 2-into-1 exhaust system produces a pleasing note and maximises power output, whether enjoying a high-speed run or heading down trails at low rpm. Its two-stage catalytic converter helps satisfy Euro 5 emissions standards. The upswept silencer is not only striking to look at, but is also designed to not interfere with the V-STROM 800DE's long suspension travel.



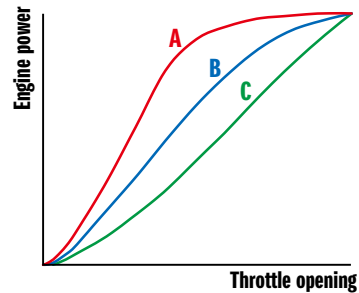
# Suzuki Intelligent Ride System (SIRS)

The advanced electronic systems of the Suzuki Intelligent Ride System (SIRS) were developed to assist and help you optimise performance characteristics to match your changing riding needs and preferences. By making the V-STROM 800DE feel more controllable, predictable, and less tiring to operate, these systems help you ride with greater confidence, whether touring for long distances, carrying gear, or leaving paved roads behind to explore rural trails.



## Suzuki Drive Mode Selector (SDMS)

Freely choose among three different power output characteristic modes to best match varying riding conditions or your preferences. While all three ultimately deliver maximum engine output, finer control over the level of throttle response and torque characteristics, especially when turning the throttle grip between a slightly open position to when it reaches the top of the mid-speed range under acceleration, empowers you to ride with greater confidence and pleasure.



- 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.

## 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, so is well suited to riding on gravel roads. Mode 2 is ideal for city riding and regular road conditions.

Note: ABS is not designed to shorten the braking distance. Please always ride at a safe speed for road and weather conditions, including while cornering.

## Rear ABS Cancel Mode

The rider can use the Rear ABS Cancel mode to switch off the Rear ABS and get the preferred controllability of braking on gravel or other unpaved surfaces.

Note: Rear ABS Cancel mode is not designed for on-road riding.

## Suzuki Traction Control System (STCS)

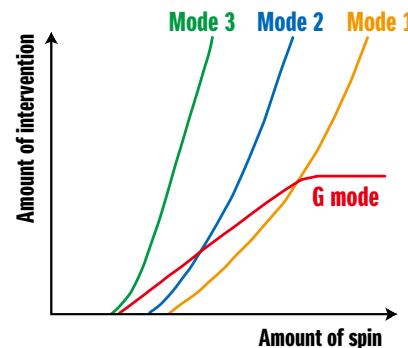
Designed to help prevent the rear wheel from slipping, this system reduces stress and fatigue while instilling greater confidence in controlling your ride. You can select from a total of four modes to control how quickly the system takes effect and how proactive it is in limiting wheel spin, or you can opt to run with it turned off.

Note: The 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.

## G (Gravel) mode

In addition to the three on-road traction control modes (+ OFF), the V-STRUM 800DE features G (Gravel) mode, a setting that retards ignition timing and allows a limited amount of tyre slip when riding on unpaved surfaces. As a result, the bike remains controllable and you still get the consistent power output you want to explore unpaved roads and country trails with greater confidence.

Note: Because G mode allows a certain amount of rear tyre slip, it is not suitable for use on paved surfaces.



## Bi-directional Quick Shift System

This standard-equipment feature lets you shift up or down without operating the clutch lever while in motion. When activated, the system delivers clean upshifts with smooth acceleration. Downshifts are also quick and easy, thanks in part to automatic blipping and engine braking working together harmoniously. 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.



## 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 characteristics to match throttle grip action, particularly when first opening the throttle. This improves controllability and provides faithful response, especially when riding on gravel roads.

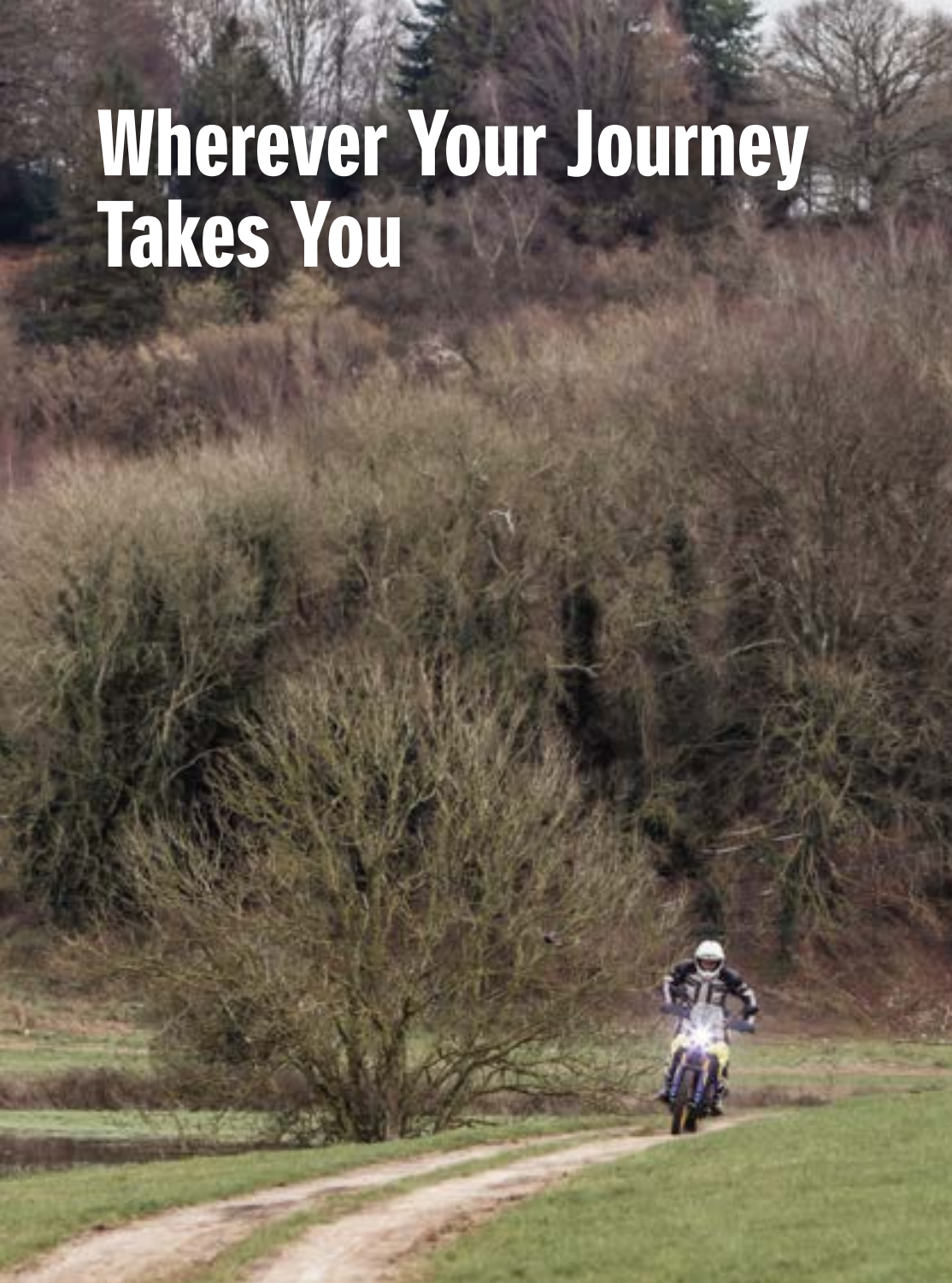
## Low RPM Assist

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 to launch from a standing start, or ride at low speeds.

## 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.

# Wherever Your Journey Takes You



## Versatility and Off-road Ability

The V-STROM 800DE is a top-performing adventure tourer that is equally adept in daily on-road use and at high speed touring as it is when exploring gravel roads and country trails.

Every aspect of the chassis is designed to promote great handling and control in a wide range of real-world riding conditions, and to place priority on comfort and minimising fatigue on long rides, even when carrying

a passenger and loaded with gear. The robust steel frame, uniquely shaped lightweight aluminium swingarm, 21-inch front tyre, wire-spoke wheels, and Showa suspension with enough travel to ably handle gravel are engineered to comprise a package that provides the strength needed for negotiating rougher trails, contributes to agile yet stable handling, and delivers reassuring straight-line stability at all speeds.

While its styling stays true to its V-STROM heritage and the Suzuki design ethos of creating unique styling expressions, the V-STROM 800DE offers the appeal of a thoroughly modern new look. Its sharp new “beak” is positioned higher and farther away from the front wheel to visually convey its ability to take you beyond where the pavement ends. Its distinctive hexagonal LED headlight assembly accentuate the front end’s slim, light, and compact appearance.



## Chassis Geometry Optimised for Adventure

The chassis geometry features a long wheelbase, long rake, tall ground clearance and a wide handlebar grip. The purpose is to provide maximum stability and controllability when riding on unpaved surfaces, and to offer a riding position that effectively distributes weight to the front and rear. This enables you to easily shift your weight and control the bike when traversing trails and other unpaved surfaces, or when negotiating tight corners at speed. It also enhances handling stability when carrying a passenger and with the top and side cases mounted on your V-STROM 800DE.



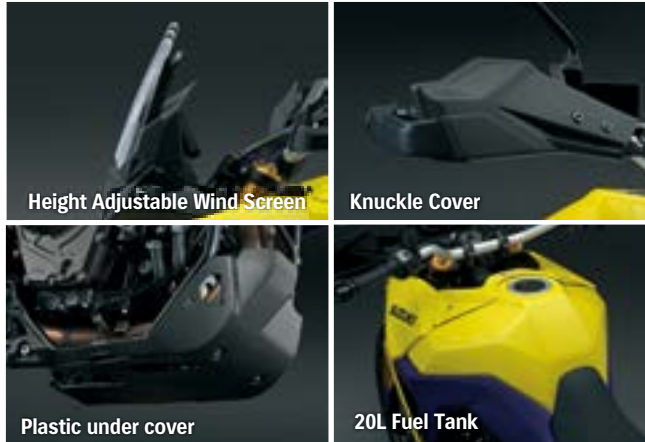
21-inch Front Wheel





## Comfort and Protection

The solid-mount seat is designed for comfort on long touring runs and to stand up well to input when exploring unpaved roads and trails. At the same time, it allows you freedom of movement and affords your passenger plenty of space, even when the optional top and side cases are mounted. The short windscreen maximises visibility and protection when exploring country trails or gravel roads, and it offers 3-step height adjustment. Wide steel footpegs covered in rubber with a textured surface offer greater stability when standing and help prevent your boots from slipping. The rear carrier with integrated passenger grab bars is handy for carrying extra gear or mounting a genuine accessory top case. Standard-equipment knuckle covers protect your hands from the elements and objects such as flying stones. And a plastic under cover protects the engine when exploring rougher terrain while heightening the appeal of the V-STR0M 800DE's adventure styling. Additional comfort and convenience comes from knowing that the 20L fuel tank capacity extends your riding range between stops to refuel.



## Colour TFT Display

The V-STR0M 800DE 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 light that blinks when the engine reaches a preset speed, and the now adds a function that lets you display large pop-up alerts and warnings. Manual or automatic switching settings for the day (white) and night (black) display modes let you maximise visibility at any hour and in any riding situation.



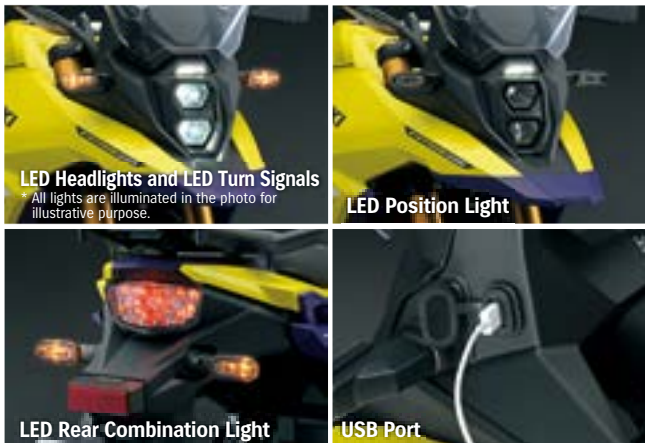
## Distinctive LED Lighting

The vertically stacked pair of distinctive hexagonal LED headlights provide you with a clear view of the road ahead, while at the same time adding distinctive flair to the face of the V-STR0M 800DE. Compact LED position light, LED turn signals and an LED taillight ensure clear visibility and practical durability.

## Handy USB Port

A USB 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**

Always right choice with aluminium top case embossed with SUZUKI logo. Maximum load 3kg and case capacity 38L. Please use this item in the speed less than 130km/h. Two colours available: Silver: Anodised. Black: Powder coated. In combination with carrier set (p/n 93800-25830-000) and 2 locks (p/n 95700-25810-000).



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



**Top Case Carrier Set 93800-25830-000**

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



**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 (p/n 95400-25840-000/95400-25870-000). 6 sets (p/n 95700-25830-000), 2 sets (p/n 95700-25810-000).



**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 130km/h. In combination with carrier plate (p/n 93800-25810-000).



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

Always on top 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 130km/h. Two colours available: Silver: Anodised. Black: Powder coated. In combination with bracket (p/n 93700-25820-000). Locks are required (p/n 95700-25830-000 / 95700-25810-000).



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



**Side Case Bracket 93700-25820-000**

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



**Top Case Carrier Set 93900-25810-000**

Top case carrier set 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 capacity: 26L/5kg (right) and 29L/5kg (left). In combination with brackets (p/n 47500-25810-000 and p/n 93700-25810-000) and lock set (p/n 95700-48810-000/95700-48820-000).



**Top Case Carrier Set 93800-25810-000**

Top case carrier set is designed only for installing plastic top case 56L. (p/n 93100-25810-000) 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 130km/h. In combination with carrier plate (p/n 93900-25810-000) and lock set (p/n 95700-48810-000 / 95700-48820-000).



**Cushion Pad For Top Case 35L 99146-31J00-35L**

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



**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 93700-25810-000).



**Side Case Lower Bracket 93700-25810-000**

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).



**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.



**High Screen** 94600-25820-000  
This optional high screen is designed to offer a significantly higher level of wind protection that enhances comfort on long rides. (80mm taller than the standard screen)



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



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



**Centre Stand** 42100-25810-000  
Brings your bike to a safe and stable standing position for maintenance activities.



**Side Stand Extension Plate** 42300-25810-000  
Offers a large contact surface for various parking conditions and another look with V-STROM logo.



**Fuel Tank Pad** 99180-25L10-000  
For tank cover scratch protection, featuring V-STROM logo.



**Fuel Tank Protection Foil** 99181-25L10-000  
Protects against tank scratches.



**Accessory Bar** 94200-25810-000  
Fits the stylish body colours to give V-STROM a unique touring look. Required for installing LED fog lamp (p/n 99172-25L00-00 / 99172-25L10-000).



**LED Fog Lamp** 99172-25L00-000  
Long time seller with V-STROM, 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)



**Fuel Cap Protection Sticker** 99185-00A00-BLK  
Protects from scratches on fuel cap. (Colour : Black)  
Carbon-look 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.



**Mirror Extension** 56700-25820-000  
Gives another option on angle for rear visibility, mirror can be raised higher than 50 mm compared to standard and is adjustable up to 40mm sideways. Spacer set required for installation. (p/n 56000-25810-000)

**Spacer Set For Mirror Extension** 56000-25810-000  
In combination with mirror extension (p/n 56700-25820-000).



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



**Aluminium Skid Plate (Silver)** 42500-25810-000  
A tough-looking plate to enhance the appearance.



**Brake Pedal Height Adjuster** 43100-25810-000  
Suzuki's original designed item, easy to change brake pedal height, 10 mm higher compared to original equipment. Provides easiness to riders on various road conditions.

# Any Terrain, Any Horizon, Any Adventure

No matter what your purpose may be,  
no matter where your journey takes you,  
the V-STROM 800DE delivers the performance,  
the comfort, the convenience and all the fun  
to make you the master of every new adventure.





## COLOUR VARIATIONS



Champion Yellow No.2 (YU1)



Glass Matt Mechanical Grey (QT7)



Glass Sparkle Black (YVB)



## SPECIFICATIONS

Overall length	2,345mm (92.3in.)	
Overall width	975mm (38.4in.)	
Overall height	1,310mm (51.6in.)	
Wheelbase	1,570mm (61.8in.)	
Ground clearance	220mm (8.7in.)	
Seat height	855mm (33.7in.)	
Kerb weight	230kg (507lbs.)	
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 (57.52lb. 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	28° / 114mm (4.5in.)	
Brakes	Front	Disc, twin
	Rear	Disc
Tyres	Front	90/90-21M/C 54H tube type
	Rear	150/70R17M/C 69H tube type
Ignition system	Electronic ignition (transistorised)	
Fuel tank capacity	20L (5.3/4.4 US/Imp gal)	
Oil capacity (overhaul)	3.9L (1.0 / 4.1 US/Imp qt)	
Fuel consumption	64.12MPG (4.4L/100km) in WMTC	
CO <sub>2</sub> emissions	104g/km	

Actual fuel consumption and CO<sub>2</sub> 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 the brochure are subject to change by Suzuki at any time without notice, and they may vary depending on local conditions or requirements. Some models are not available in some territories. Each model may be discontinued without notice. Please enquire at your local dealer for details of any such changes. All images of professional riders in controlled conditions.

Image contains computer-generated composites. All details and information correct at time of publication August 2023. Suzuki GB PLC, Steinbeck Crescent, Snelshall West, Milton Keynes MK4 4AE

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

To find your nearest  
Dealer visit

[bikes.suzuki.co.uk](https://bikes.suzuki.co.uk)

