



PRESS INFORMATION
November 2016

V-Strom 250 ***ABS***



Photo: V-Strom 250 ABS

Introduction

Suzuki's V-Strom series has won the hearts of riders around the world and established itself as the leading name in the adventure touring motorcycle segment since the V-Strom 1000 debuted in 2002 and the V-Strom 650 joined the line-up in 2004. Suzuki now brings the same excitement, riding pleasure and sport adventure touring versatility to a broader audience that includes riders who are buying their first motorcycle to those who are returning to two-wheeled fun after a long absence with the new V-Strom 250/ABS.

The new V-Strom 250/ABS is equally at home in city traffic as it is on the open road when touring. Featuring a comfortable riding position and enabling riders to firmly reach the ground with their feet, this new model also delivers plenty of power and easy to control low- to mid-range torque. Standard options such as a top and side carrying cases are also available to add greater convenience and utility, both for daily use and for long distance touring.

Product Concept

-The product concept for the V-Strom 250/ABS is;

“Adventure bike that is equally adept at daily riding and long touring”

Major features of the V-Strom 250/ABS;

Performance:

- Engine optimized to maximize low- to mid-range torque
- New intake valve – Optimize airflow into the combustion chamber
- Equipped with IRC RX-01F D and RX-01R tires
- Complies with EURO 4 emission regulations
- Long riding range with a full tank of gasoline (Over 500km *¹)

Features:

- Newly designed wind-screen – Wind tunnel tested optimized design.
- Side case mounts – Custom designed for the exclusive side cases.
- 12V DC power outlet
- Large aluminum rear carrier – 8.5kg maximum capacity

Styling:

- New reverse-lit full-LCD instrument panel
- New surface-emitting LED tail lights
- Turn signals adopt clear lenses
- Petal-type brake discs
- Newly designed 10-spoke wheels

*1: Calculated based on the Worldwide Motorcycle Test Cycle (WMTC) mode exhaust emissions measuring conditions. Actual fuel economy and riding range may differ owing to differences in conditions such as the weather, road, rider behavior and maintenance.

Engine Performance and Utility

-Engine design - outline

The 248cm³ parallel-twin engine that powers the V-Strom 250/ABS underwent thorough analysis and optimization to maximize low- to mid-range torque and provide a powerful ride that features ease of control. The overall efficiency achieved also helps realize better fuel economy and clean performance that satisfies the stringent Euro 4 emission regulations. With a full tank of gasoline, the V-Strom 250/ABS has a riding range of over 500km*¹.



	V-Strom 250/ABS
Displacement	248 cm ³
Bore x Stroke	53.5mm x 55.2mm
Compression	11.5 : 1
Maximum power	18.4kW/8,000rpm * ²
Maximum torque	23.4Nm/6,500rpm * ²
Emission level	Euro 4

*²: For European spec.

-Camshaft

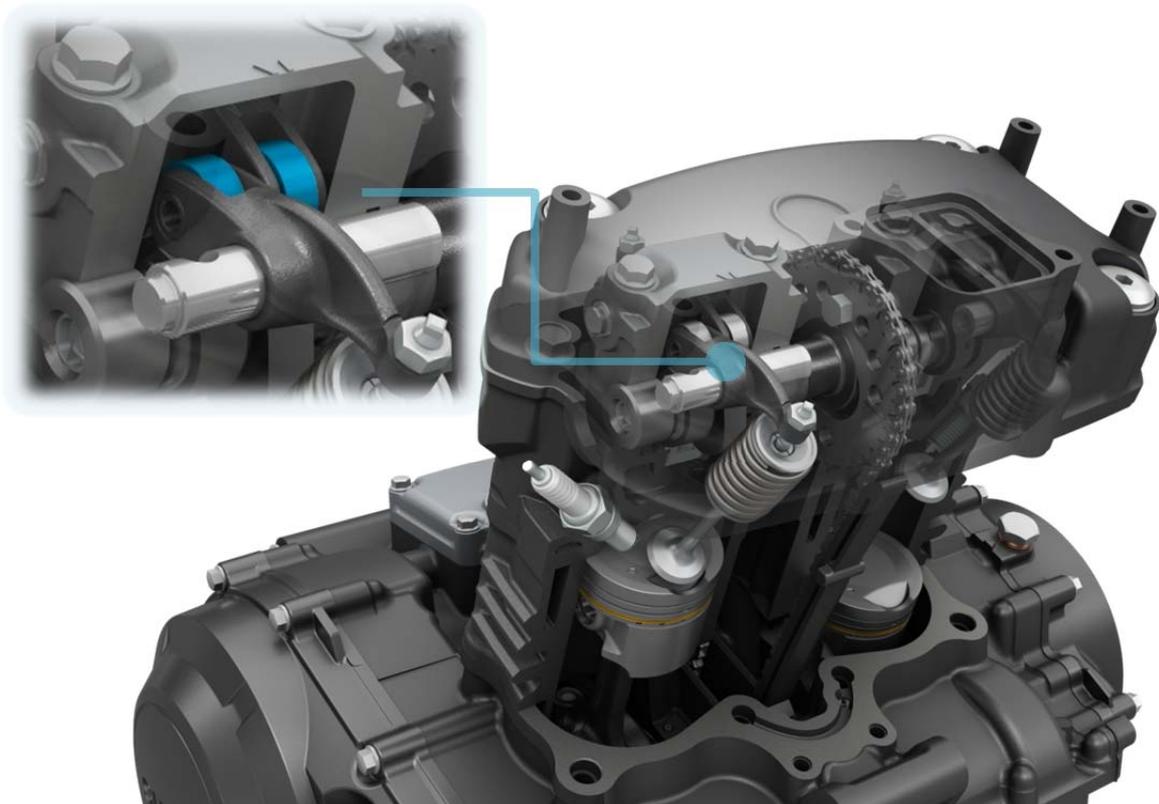
- The cam profile for the V-Strom 250/ABS delivers maximum acceleration performance at speeds between 20km/h to 90km/h, as this is the range that is used most often. As an additional benefit, the cam profile also suppresses noise generation to deliver a smoother, more pleasant ride.

-Cylinder

- The honing pattern used for the cylinder barrels maintains lubrication for the pistons in a manner that helps minimize any loss of performance due to friction.

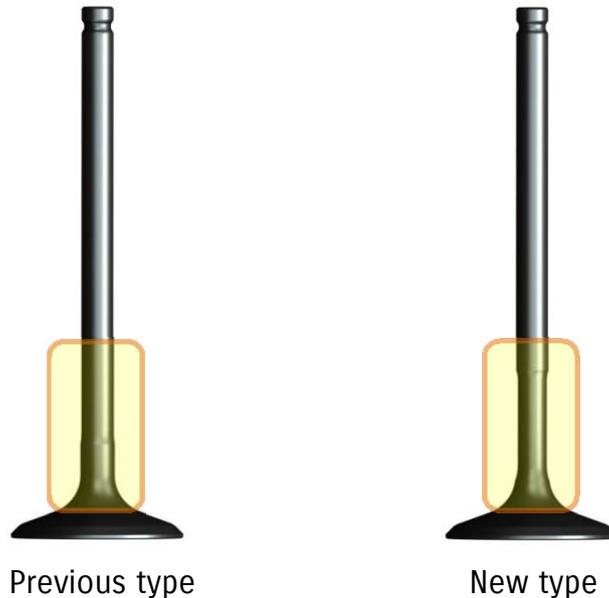
-Cylinder head

- The cylinder head adopts roller type rocker arms that minimize friction loss.



-New intake valve design

- The port sections on the intake valves are designed to optimize airflow into the combustion chamber. This helps achieve a high level of thermal efficiency for improved performance and reduced emissions.



-Piston

- Thin, low tension piston rings were adopted to reduce friction and the shape of the piston ring grooves was also optimized.

-Spark plug

- Adopting the use of projected tip spark plugs speeds up the rate of combustion. This improves response, especially when the throttle is not open far, and also improves fuel economy.

-Oil pump

- Optimization of the oil pump reduces friction loss and contributes to an increase in engine output and improvement in fuel economy.

-Rectifier

- Adopting an open type rectifier contributes to improved fuel economy.

-Highly efficient, lightweight exhaust system



- The two-into-one exhaust system for the V-Strom 250/ABS features an optimized shape for the chamber in front of the catalyzer.
- This maximizes acceleration performance at mid-range speeds, while the efficiency of the system also reduces exhaust emissions.

-Multi-function instrument panel



*All lights and indicators are illuminated in the photo for illustrative purposes. Photo: V-Strom 250 ABS.

- The V-Strom 250/ABS features a reverse-lit LCD instrument panel.
- The LCD instruments include:
 - Speedometer
 - Tachometer
 - Odometer
 - Dual trip meters
 - Gear position
 - Driving range
 - Average fuel consumption
 - Fuel gauge
 - RPM indicator ON/OFF
 - Oil change timing indicator
 - Clock
- LED indicators include those for the turn signals, high beam, neutral, malfunction, ABS (Only for ABS model), RPM indicator, coolant temperature and oil pressure. The indicators are designed to be easy to recognize.

-Wind-screen and side case attachment



- While compact, the windscreen benefits from repeated wind tunnel testing to optimize its shape, providing highly effective shielding for a more comfortable ride.



- Designing dedicated mounting clips to accommodate the optional side cases makes realize an integrated design that matches the bike. The large aluminum rear carrier with 8.5kg maximum capacity is fitted with hooks for attaching straps and that can also be used for attaching the optional top case.

-Wheels, tires and brakes



Front wheel



Rear wheel



Petal Type Brake Disc

ABS Unit

- The sporty flair of newly designed 10-spoke wheels pairs with IRC tires that provide a solid grip on the road.
- Stopping power is provided by Petal-type front and rear disc brakes.
- An Antilock Brake System (ABS)*³ made by BOSCH is also available*⁴ to deliver yet greater confidence and control.

	Size	Brand
Front tire	110/80-17 M/C 57H	IRC RX-01F D
Rear tire	140/70-17 M/C 66H	IRC RX-01R

*3: 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.

*4: Only equipped on ABS model.

Styling Design

-Styling design concept

“MASSIVE AND SMART”

The V-Strom 250/ABS design concept is “Massive and Smart”: Massive for the solid feel of its well-balanced body and Smart for its sophisticated and practical design that provides ease of handling. Naturally, the V-Strom 250/ABS shares the same outdoor adventure DNA as its siblings, with design cues such as its yellow color scheme and unique ‘beak’ paying tribute to Suzuki’s famed DR-Z and DR-BIG desert racers.

-Headlight and Rear combination lights



- The metal shell surrounding the headlight features a hard anodized finish and is designed to resemble a flashlight.
- The taillight adopts a surface-emitting LED.

Color Variations



Pearl Nebular Black (YAY) /
Solid Dazzling Cool Yellow (YWT)



Metallic Diamond Red (YYW)



Pearl Nebular Black (YAY)

Photo: V-Strom 250 ABS

Specifications

Overall Length		N/A
Overall width		N/A
Overall height		N/A
Wheelbase		N/A
Ground clearance		N/A
Seat height		N/A
Curb mass		N/A [ABS Model] N/A [Non ABS Model]
Engine type		Four-stroke, liquid-cooled, SOHC, parallel twin
Bore x stroke		53.5 mm x 55.2 mm
Engine displacement		248 cm ³
Compression ratio		11.5 : 1
Fuel system		Fuel injection
Starter system		Electric
Lubrication system		Wet-sump
Transmission		6-speed constant mesh
Primary drive ratio		3.238 (68/21)
Final drive ratio		3.357 (47/14)
Suspension	Front	Telescopic, coil spring oil damped
	Rear	Swingarm type, coil spring, oil damped
Rake (Caster angle) / Trail		N/A
Brakes	Front	Disc brake
	Rear	Disc brake
Tires	Front	110/80-17M/C 57H tubeless
	Rear	140/70-17M/C 66H tubeless
Ignition system		Electronic ignition
Fuel tank capacity		17 L
Oil capacity (Overhaul)		2.4 L

Specifications, appearances, color (including body color), equipment, materials and other aspects of the SUZUKI products shown in this press information 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 inquire at your local dealer for details of any such changes.

MORE DETAILS TO FOLLOW AT A LATER DATE