



Way of Life!

**2012** *V-Strom 650*  
*ABS*  
*Adventure*

# 2012 *V-Strom 650* ABS *Adventure*



**MSRP:** \$9,799

In 2002, Suzuki introduced the V-Strom 1000 in a new motorcycle category, the Sport Enduro Tourer. Its running performance and packaging earned worldwide acclaim. In 2003, Suzuki released the V-Strom 650 targeting a wider range of users. This versatile model covers not only daily use such as commuting, but also weekend touring as well. With the addition of an ABS-equipped model in 2006, the V-Strom 650 has always been the best-selling model in its class. To further improve its running performance and riding comfort, Suzuki decided to develop a new model.

For 2012, we're giving you another unique choice in adventure touring. Introducing the V-Strom 650 ABS Adventure. It has striking accessories that include sleek aluminum side cases large enough to fit a full-coverage helmet, a rugged accessory engine bar and an adjustable windscreen. It also has the same improved performance as the original V-Strom 650 ABS. Its new 645cc V-Twin engine has improved low-to-mid rpm performance, matched by enhanced fuel economy and environmental performance.

2012 will mark the 10th anniversary of the V-Strom series since its introduction. Suzuki hopes the new V-Strom 650 ABS Adventure will be enjoyed by many more riders.

For 2012, the V-Strom 650 Adventure is available in Black Metallic Pearl.



# V-Strom 650

ABS

## Adventure

### TOP 10 FEATURES



**Antilock Brake System (ABS\*)** monitors brake lever input and wheel speed, and matches stopping power to available traction – a safety feature that provides the V-Strom 650 ABS Adventure with class-leading braking performance. Dual front disc brakes with large 310mm rotors and twin-piston calipers, plus single-disc rear brake with 260mm rotor and single-piston caliper provide unparalleled stopping power.



**645cc, 90 degree V-twin, DOHC, eight-valve, liquid-cooled engine** produces class-leading power with ample torque and horsepower for outstanding performance on or off the road. Dual-spark heads provide improved combustion and reduced emissions.



**Suzuki Dual Throttle Valve (SDTV) electronic fuel injection** maintains optimum air velocity in the intake tract for smooth low-to-mid rpm throttle response. This class-leading performance technology was developed through Suzuki's championship-winning racing teams, and provides the V-Strom 650 ABS with better performance, reliability and fuel efficiency.



**A smooth-shifting 6-speed transmission** with cable operated clutch gives the V-Strom 650 ABS Adventure class-leading acceleration, performance and versatility on a wide variety of road conditions.



**Large 5.3 gallon fuel tank**, along with the V-Strom 650 ABS Adventure's efficient Suzuki fuel-injected powerplant, provides ample fuel for extended range riding and touring.



**Instrumentation** includes an analog tachometer and brightness-adjustable LCD speedometer. LCD readouts include odometer, dual trip meter, gear position, coolant and ambient temperature, average fuel consumption, fuel gauge and clock. Switching between LCD readings can be done with the left handlebar switch.



**Sporty, compact and dynamic front fairing** includes dual multi-reflector headlight. Painted sections and functional black resin components accentuate the sporty profile.



**A preload-adjustable 43mm front fork and link-type rear suspension** with adjustable single shock and knob-operated hydraulic preload adjuster provides a comfortable ride over difficult riding conditions.



**A 3-way height-adjustable windscreen**, carefully shaped with extensive wind tunnel testing, efficiently reduces wind noise and rider fatigue. For increased wind protection and comfort can be adjusted to three positions in a 50mm vertical range, work together with hand guards designed for maximum wind protection.



**A lightweight, one-piece, resin luggage carrier** with well-shaped, easy-to-grasp grab bars comes with a slip-resistant rubber mat helps keep bags and luggage in place, adding to the V-Strom 650 ABS's extended-range touring capabilities.



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## SUZUKI EDGE

MODEL NAME:	2012 Suzuki V-Strom 650 ABS Adventure	SUZUKI EDGE	2012 Kawasaki Versys	2012 Honda NC700X / ABS	2012 BMW F 650 GS	2012 Triumph Tiger 800	2012 BMW F 800 ST (ABS)
<b>MSRP:</b>	\$9,799	The V-Strom 650 ABS Adventure offers a complete adventure touring package boasting class-leading performance features like ABS brake system, Suzuki fuel injection and a full touring package with twin aluminum sidecases, adjustable tall windscreen and side accessory bars at an incredible value that you will <u>not</u> find as standard equipment on competition making the V-Strom 650 Adventure an incredible value.	\$7,899	\$6999 - \$8,999	\$10,155	\$10,999	\$12,550
<b>ENGINE</b>							
<b>Bore Stroke:</b>	81.0mm x 62.6mm	The V-Strom 650 ABS Adventure features optimal bore/stroke dimensions to maximize torque and horsepower, providing powerful and versatile performance.	83mm x 60mm	73mm x 80mm	82mm x 75.6mm	74mm x 61.9mm	82mm x 75.6mm
<b>Compression Ratio:</b>	11.2:1	The V-Strom 650 ABS boasts an optimal compression ratio, higher than the Kawasaki Versys & Honda NC700 producing better torque, exciting power, performance and fuel efficiency.	10.6:1	10.7:1	12.0:1	N/A	12.0:1
<b>Engine:</b>	645cc, 4-stroke, 8 valve, liquid-cooled, DOHC, 90° V-twin	The V-Strom 650 ABS's class-leading 645cc liquid-cooled, 8-valve 90° V-Twin engine features broad torque delivery, signature V-Twin power pulses and sporty quick-revving high rpm range power surges for a full-range riding enjoyment. Twin iridium spark plugs for each cylinder heighten the spark strength and combustion efficiency, contributing to increased power, a more linear throttle response, easier engine start-up and a more stable idle.	649cc 4-stroke liquid cooled, parallel twin, DOHC	670cc liquid cooled parallel-twin; SOHC	798cc liquid-cooled, inline two cylinder, DOHC	800cc 4-stroke liquid-cooled, inline 3-cylinder, DOHC	798cc liquid - cooled, in-line two cylinder, DOHC
<b>Fuel System:</b>	Suzuki Fuel Injection; 39mm throttle bodies	The V-Strom 650 ABS Adventure boasts the Suzuki fuel injection system, a high-quality performance feature exclusive to Suzuki that maintains smooth low-to-mid RPM throttle response and improves fuel efficiency.	EFI 38mm throttle bodies	EFI 36mm throttle bodies	EFI	EFI	EFI
<b>Final Drive:</b>	Chain, RK525MOZ8 (118 links)	A traditional, high-quality lightweight D.I.D. brand 118-link chain drive provides the V-Strom 650 ABS Adventure with strong, reliable performance.	Chain	Chain	Chain	Chain	Belt
<b>Transmission:</b>	6-speed constant mesh	A 6-speed constant mesh transmission features optimal gear ratios for versatile performance on a wide variety of road conditions. Transmission is tailored for active sporty rides with tighter 1st through 5th gear ratios, while keeping highway cruises comfortable with a tall top gear.	6-speed	6-speed	6-speed	6-Speed	6-speed

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<b>CHASSIS</b>							
<b>Brakes Front:</b>	Dual 310mm discs, twin-piston calipers (ABS standard equipment)	Twin disc brakes with large 310mm rotors and twin-piston calipers deliver unrivaled braking performance and handling. The 310mm rotors are 10mm larger than those on the BMW F 650 GS and 2mm larger than those on the Triumph Tiger 800 and the V-Strom 650 ABS's twin disc brake design offers superior performance and stopping power than single disc designs found on the Honda NC700X.	Dual 300mm discs	Single 320mm disc (ABS optional)	Single 300mm disc (ABS optional)	Dual 308mm discs (ABS optional)	Dual 320mm discs
<b>Brakes Rear:</b>	Single 260mm disc, single-piston caliper	The V-Strom 650 ABS's powerful 260mm rear disc brake is 20mm larger than the 2012 Honda NC700X rear disc brake, offering unrivaled stopping power and reliable performance.	Single 220mm disc	Single 240mm disc (ABS optional)	Single 265mm disc (ABS optional)	Single 255mm disc (ABS optional)	Single 265mm disc
<b>Curb Weight:</b>	235kg (519 lbs.)	The V-Strom 650 ABS Adventure offers a complete adventure touring package at competitive curb weight, making it easily maneuverable and producing an excellent power-to-weight ratio for unrivaled performance. The V-Strom 650 ABS's lightweight aluminum chassis contributes to a light, maneuverable ride without compromising durability and rigid strength.	454.2 lbs.	472 lbs.	439 lbs	462 lbs.	461 lbs
<b>Fuel Tank Capacity:</b>	20.0L (5.3 US gal.)	The V-Strom 650 has a large 5.3-gallon fuel tank that is 1.6 gallons larger than the Honda NC700X; 1.1 gallons larger than the BMW F 650 GS and .3 gallons larger than the Triumph Tiger 800's & Kawasaki Versys fuel tank, and along with the V-Strom 650 ABS excellent fuel efficiency, gives the V-Strom 650 ABS excellent extended range riding capabilities for long adventure trips.	5.0 US gal.	3.7 US gal.	4.2 US gal.	5.0 US gal.	4.2 US gal.
<b>Wheelbase:</b>	1560mm (61.4 in.)	A long 61.4-inch wheelbase gives the V-Strom 650 ABS Adventure unrivaled stability, resulting a comfortable and smooth ride for any adventure.	55.7 in.	60.6 in.	62 in.	60.2 in.	57.7 in.
<b>Overall Length:</b>	2290mm (90.2 in.)	The V-Strom 650 ABS has less overall length than the Kawasaki KLR 650, yet has a longer wheelbase. This gives the V-Strom 650 ABS class-leading maneuverability and handling.	83.7 in.	N/A	89.7 in,	87.1 in.	86.4 in.
<b>Overall Width:</b>	1143 mm (45 in)	The V-Strom 650 Adventure comes equipped with top loading aluminum side cases which offer convenient place to store and carry any supplies. You will not find this feature as standard equipment on any of competitor models in its class.	33.1 in.	N/A	35 in.	31.3 in.	33.9 in.

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<b>Seat Height:</b>	835mm (32.9 in.)	The V-Strom 650 ABS Adventure features an optimal 32.9-inch seat height. A high seat (+20mm/ .8 inch) and a low seat (-20mm / .8 inch) with the same finish as the standard seat are available as optional accessories to accommodate a wide range of customer preferences and body sizes.	33.3 in.	32.7 in.	32.3 in. (Optional low seat available)	31.9 in.	33.1 in. (Optional low seat available)
<b>Suspension Front:</b>	43mm telescopic, coil spring, oil damped, preload adjustable; 5.9 in of travel	The V-Strom 650 ABS features a class-leading 43mm telescopic front suspension with preload adjustability that offers unparalleled performance and stability on a variety of road conditions. The V-Strom 650 ABS's front forks are 2mm larger than what is found on the Kawasaki Versys, Honda NC700X and BMW F 650 GS.	41 mm telescopic fork; 5.9 in of travel	41 mm telescopic fork, 6 in. of travel	41mm telescopic fork, 7 in. of travel	43 mm inverted telescopic	43mm telescopic fork; 5.5 in. of travel
<b>Suspension Rear:</b>	Link type, coil spring, oil damped, adjustable rebound damping, preload adjustable; 6.3 in of travel	An adjustable link-type rear shock with adjustable rebound damping provides the V-Strom 650 ABS with better stability and consistent performance on a variety of road conditions, compared to the competition. The V-Strom 650 ABS features a knob-operated hydraulic preload adjuster for convenient, easy adjustment.	Single offset laydown shock; 5.7 in. of travel	Pro-link single shock, adjustable preload; 5.9 in. of travel	Central spring strut; 6.7 in of travel	Single shock; 6.7 in. of travel	Central spring strut; 5.5 in. of travel
<b>Tires Front:</b>	110/80-19	A high-quality 110/80R 19" front tire gives the V-Strom 650 ABS unrivaled performance and traction over a variety of road conditions, particularly on the highway, compared to the competition. The tire is bigger than the Triumph tiger 800 front tire, giving the V-Strom better handling and maneuverability over difficult road conditions.	120/70-17	120/70-17	110/80-19	100/90-19	120/70-17
<b>Tires Rear:</b>	150/70-17	A high-quality 150/70R 17" rear tire gives the V-Strom 650 ABS unrivaled performance and traction over a variety of road conditions, particularly on the highway, compared to the competition.	160/60-17	160/60-17	140/80-19	150/70 - 17	180/55-17
<b>Warranty</b>	12 Month Unlimited Mileage Limited Warranty	The V-Strom 650 ABS Adventure features a 12 month unlimited mileage limited warranty with extended protection plans available from Suzuki Extended Protection (SEP).	12 month limited warranty	12 month limited warranty	36 month - 36,000 mile warranty	24 month limited warranty	36 month - 36,000 mile warranty