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HAYABUSA

# 2012

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MSRP: \$13,999

The Suzuki Hayabusa is a machine so dominant, that it created an entirely new category of motorcycle in the industry - Ultimate Sport.

With performance credentials that have established it as the most exciting sportbike on the planet, it's designed for serious sport riders who will settle for nothing less than the best. If that's you, and if you choose to ride the Hayabusa, you'll be rewarded with a riding experience you'll never forget. Its combination of unsurpassed power, crisp handling and superb aerodynamics creates the ultimate sport bike.

For 2012, the Hayabusa is available with new graphics and colors - Glass Sparkle Black, Pearl Glacier White and limited edition Candy Sonoma Red.



**Pearl Glacier White**



**Limited Edition Candy Sonoma Red**





## TOP 10 FEATURES



The Hayabusa is equipped with a 1340cc, in-line, DOHC liquid-cooled engine with 16-valves, and Twin Swirl Combustion Chambers (TSCC) for efficient, powerful acceleration and top end performance. The Hayabusa's engine is fed via Suzuki's Suzuki Dual Throttle Valve (SDTV) fuel injection system uses engine-computer-operated secondary valves to maintain optimum intake-air velocity for maximum combustion efficiency. Two 12-hole fine-spray injectors on each throttle body improve fuel atomization for better combustion efficiency and while reducing fuel consumption.



Lightweight aluminum alloy pistons with a compression ratio of 12.5:1 are used for maximum performance in all conditions with stunning acceleration and top end power. Hard, smooth chrome-nitride Physical Vapor Deposition (PVD) coating on the upper compression and oil control rings on each piston reduces friction while improving cylinder sealing.



Lightweight titanium valves allow the use of light valve springs and high lift while maintaining accurate valve control. Iridium spark plugs are used for high combustion efficiency and consistent performance.



The Hayabusa comes with an constant mesh 6-speed transmission, with close gear ratios for outstanding performance. Oil spray to the 4th, 5th and 6th gears reduces wear and mechanical noise during highway cruising. Suzuki Clutch Assist System (SCAS) serves as a back-torque-limiting system for smooth downshifts and also contributes to a light clutch pull.



A lightweight and rigid twin-spar aluminum frame minimizes weight while maintaining high torsional strength, and is designed to allow a compact riding position for exceptional handling and control on the road. Rear subframe is made of rectangular steel tubing for sufficient weight carrying capacity.



Lightweight Showa Big Piston front Fork (BPF) features a 37.6mm upper piston riding inside the 41mm fork tube. This endurance-race-proven design, along with a lightweight fully adjustable Showa rear shock, delivers more effective, linear damping performance, resulting in better feedback to the rider for unmatched handling.



A bridged aluminum alloy swingarm features a cross-sectional shape for increased rigidity, which improves rear tire grip and increases engine output. The Hayabusa's fully adjustable rear shock absorber has a 43mm piston and 14mm rod diameter.



Radial-mount Tokico front brake callipers offer maximum braking performance using dual 310mm front brake rotors, resulting in reduced unsprung weight and improved handling. A lightweight single piston rear brake caliper works in conjunction with a 260mm rear brake disc.



S-DMS (Suzuki Drive Mode Selector) allows the rider to choose from three different engine settings, depending on riding conditions or rider preferences. For example, the rider can choose one map for tight, twisty roads and another for high-speed cruising.



The Hayabusa's instrument cluster features four analog meters including step-motor-driven tachometer and speedometer. Round LCD panel includes clock, gear position indicator, S-DMS map indicator, odometer and dual trip meters. Engine-rpm indicator, programmable to blink or stay on between 4,000 and 11,500 rpm.



Way of Life!

## SUZUKI EDGE

MODEL NAME:	2012 Suzuki Hayabusa	SUZUKI EDGE	2012 Kawasaki Ninja ZX-14R	2012 Honda VFR1200F
<b>MSRP:</b>	\$13,999	The Suzuki Hayabusa offers the most complete package of unsurpassed power, aggressive styling, superb aerodynamics and race-proven Suzuki technology like Suzuki Dual Throttle Valve (SDTV) fuel injection that is \$700-\$900 less than the Kawasaki Ninja ZX-14R – representing a better value of performance package at a lower MSRP.	\$14,699-\$14,899	TBD
<b>ENGINE</b>				
<b>Compression Ratio:</b>	12.5:1	The Hayabusa has the highest compression ratio in its class, resulting powerful better low-end torque for exceptional engine performance and fuel efficiency.	12.3:1	12.0:1
<b>Engine:</b>	1340cc liquid-cooled, , in-line four-cylinder, 4-stroke, with Twin Swirl Combustion Chambers (TSCC)	The Hayabusa is a complete performance sportbike package that offers unrivaled power, torque and impressive handling by pairing its aerodynamic wind-tunnel designed bodywork with a proven 1340cc four-cylinder, 4-stroke, liquid-cooled DOHC engine. The Hayabusa's mighty 1340cc engine is the heart of it's legendary performance and the engine boasts more state-of-the-art performance features than the competition, including Twin Swirl Combustion Chambers (TSCC) and Suzuki Dual Throttle Valve (SDTV) fuel injection.	1441cc liquid cooled, in-line four-cylinder, 4-stroke, DOHC	1237cc liquid cooled, 76 degree V-4, 4-stroke, SOHC
<b>Fuel System:</b>	Suzuki Dual Throttle Valve (SDTV) fuel injection	The Hayabusa boasts the exclusive, state-of-the art, Suzuki Dual Throttle Valve (SDTV) electronic fuel injection system, featuring dual 12-hole, fine-spray injectors per cylinder, and two butterfly valves in each throttle body barrel. The primary valve is controlled by the rider via the throttle, and the secondary valve is controlled by the ECM system.	EFI	EFI
<b>Transmission:</b>	6-speed constant mesh	A close-ratio, constant-mesh 6-speed transmission boasts class-leading acceleration and features close gear ratios for unrivaled delivery of the incredible power from the Hayabusa's impressive engine power.	6-speed	6-speed
<b>CHASSIS</b>				
<b>Brakes Front:</b>	Dual hydraulic disc brake, 310mm discs, lightweight radial-mount Tokico calipers	The Hayabusa's high-performance twin disc brakes are developed through Suzuki's domination on racetracks around the world. Full-floating 310mm discs and lightweight radial-mount Tokico calipers provide incredible braking performance and positive feedback to the rider.	Dual Disc; 310mm	Disc Brake, 276mm
<b>Brakes Rear:</b>	Hydraulic disc brake, 260mm disc, single-piston caliper	The Hayabusa features a light, Nissin single-piston rear brake caliper with a 260mm rear disc that is compact and lightweight, providing incredible stopping power.	Disc Brake; 250mm	Disc Brake, 276mm
<b>Curb Weight:</b>	573 lbs.	At 573 lbs, the Hayabusa is a competitively lightweight machine, boasting incredible power and performance from its 1340cc, 16-valve, inline four –cylinder engine and unrivaled handling from its wind-tunnel designed aerodynamic bodywork at an unbelievable curb-weight that is 11.3 lbs lighter than the Kawasaki ZX-14R.	584.3 lbs.	TBD
<b>Final Drive:</b>	Chain RK GB50GSVZ4 (114 links)	The Hayabusa features a high-quality RK brand 114-link chain drive for reliably delivering maximum performance from the Hayabusa's powerful 1340cc Suzuki fuel-injected 4-stroke engine to the rear wheel.	O-ring chain	Shaft
<b>Fuel Tank Capacity:</b>	21.0L (5.5 US gallons) 20.0L (5.3 US gallons) CA model	The large 5.5 gallon fuel tank on the Hayabusa is over a half-gallon larger than the Honda VFR1200F's fuel tank, and, along with the Hayabusa's efficient Suzuki fuel-injected engine producing excellent fuel efficiency and power delivery, easily accommodates long rides, while keeping the bike lightweight and agile for uncompromised performance and handling.	5.8 US gal.	5.0 US gal.
<b>Overall Length:</b>	86.2 in.	Its long 86.2-inch overall length, coupled with its wind-tunnel designed aerodynamic bodywork, make the Hayabusa unsurpassed in straight line performance and stability.	85.4 in.	N/A

## SUZUKI EDGE

MODEL NAME:	2012 Suzuki Hayabusa	SUZUKI EDGE	2012 Kawasaki Ninja ZX-14R	2012 Honda VFR1200F
<b>Overall Width:</b>	28.9 in.	The Suzuki Hayabusa's aerodynamic wind tunnel-designed bodywork is a class-leading 28.9 inches – nearly 1.5 inches narrower than the Kawasaki ZX-14R.	30.3 in.	N/A
<b>Wheelbase:</b>	58.3 in.	The Hayabusa features a long 58.3 inch wheelbase that results in superb straight line stability.	58.3 in.	60.8 in.
<b>Seat Height:</b>	31.7 in.	At 31.7 inches, the Hayabusa offers an optimal seat height, allowing a comfortable, ergonomic riding position to experience the Hayabusa's entire package of incredible power, class-leading performance and superb handling.	31.5 in.	31.9 in.
<b>Suspension Front:</b>	43mm Inverted telescopic, coil spring, oil damped, 4.7-in wheel travel	The Hayabusa features an oil-damped 43mm inverted telescopic front fork with Diamond like Carbon (DLC) - a coating that has diamond and graphitic properties that aid the suspension by increasing the surface hardness of the fork tube while having low oil seal friction and excellent wear resistance.	43mm inverted fork; 4.6-in. travel	43mm inverted fork; 4.7-in. travel
<b>Suspension Rear:</b>	Single shock; Link type, coil spring, oil damped, 5.5-in wheel travel	A fully adjustable rear shock absorber with a large 43mm piston and 14mm rod boasts the longest wheel travel in its class, providing the Hayabusa with excellent, stable handling over a variety of road conditions. The Hayabusa boasts over half an inch more suspension travel than the Kawasaki ZX-14R.	Single-shock; 4.9-in. travel	Single-shock; 5.1-in. travel
<b>Tires Front:</b>	120/70ZR-17 M/C (58W), Bridgestone tubeless	The Hayabusa comes with a tough Bridgestone 120/70 17-inch front tires that offers unparalleled performance and superior grip in all conditions.	120/70ZR-17	120/70ZR-17
<b>Tires Rear:</b>	190/50ZR-17M/C (73W), Bridgestone tubeless	The Hayabusa comes with a tough Bridgestone 190/50 17-inch rear tire that offers unparalleled performance and superior grip in all conditions.	190/50ZR-17	190/55ZR-17
<b>Warranty</b>	12 Month Unlimited Mileage Limited Warranty	The Hayabusa features Suzuki's industry-leading 12-month unlimited mileage limited warranty with extended protection plans available from Suzuki Extended Protection (SEP).	12 month limited warranty	12 month limited warranty