

# EDGE Product Comparison Guide

## 2017 Hayabusa



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SUZUKI HAYABUSA

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Three mode Suzuki Drive-mode Selector (S-DMS) and Anti-lock Brakes (ABS\*) lets the rider control the motorcycle with

Inspired by the world fastest animal - the diving Peregrine Falcon - the Hayabusa's sleek body work cuts through the wind to achieve unequalled performance.

Fully adjustable KYB suspension and strong BREMBO Monobloc front brakes complement the aluminum twin-spar

Fuel-injected 1340cc liquid-cooled, DOHC 16-valve four-cylinder engine delivers extraordinary power through entire RPM range.



Multi-function Analog & LCD instrument panel adds class and ease of use to the Ultimate Sportbike.



### 2017 Hayabusa Overview

The Suzuki Hayabusa is quite simply the Ultimate Sportbike. Twist the throttle and it responds with awesome acceleration and crisp throttle response in every gear with an unbelievable top-end charge. Thanks to a lightweight and rigid twin-spar aluminum frame and state-of-the-art suspension, that performance is matched by equally impressive handling, providing exceptional control in tight corners, reassuring stability in sweeping turns and a smooth ride on the highway. The sleek, aerodynamic body work functions as it appears so the Hayabusa slips through the wind like a Peregrine Falcon.

At \$14,599, the Hayabusa is priced \$400 less than the Kawasaki ZX-14R and \$396 less than the older design BMW R1200RS. While the BMW lacks the engine performance of the Hayabusa, the Kawasaki lacks refinement as well. Looking past numbers into real world performance, look, heritage and reliability – the Hayabusa is justified to be referred to as the Ultimate Sportbike.

**Model:** GSX-R1300RAL7  
**Pricing:** MSRP \$ 14,599  
**Colors:** Glass Sparkle Black/Pearl Glacier White, Pearl Vigor Blue/Glass Sparkle Black

\* Depending on road surface conditions, such as wet, loose, or uneven roads, braking distance for an ABS-equipped vehicle may be longer than for a vehicle not equipped with





## TOP 10 FEATURES



**The Hayabusa is equipped with a 1340cc, in-line, DOHC liquid-cooled engine with 16-valves** for efficient, powerful acceleration and top end performance. The 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.



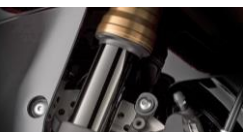
**Lightweight aluminum alloy pistons with a compression ratio of 12.5:1** are used for maximum performance in all conditions with stunning acceleration and top end power. Hard, smooth chrome-nitride Physical Vapor Deposition (PVD) coating on the upper compression and oil control rings on each piston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



**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.



**Lightweight and rigid twin-spar aluminum frame minimizes mass** while maintaining high torsional strength. Rear subframe is made of rectangular steel tubing for sufficient weight carrying capacity. A bridged aluminum alloy swingarm features a cross-sectional shape for increased rigidity, which improves rear tire grip and increases engine output.



**Showa Big Piston front Fork (BPF) features large 41mm inner tubes.** 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.



**Anti-lock Braking System (ABS\*) unit features a lightweight, compact design** and is located under fuel tank below air box. The ABS enhances brake performance by helping prevent, to a certain extent, wheel locking due to changes in road conditions or excessive braking, by matching stopping power to available traction



**Powerful radial-mount Brembo monobloc front brake calipers** offer maximum braking performance using dual 310mm front brake rotors, resulting in reduced unsprung weight and improved handling. A lightweight single piston NISSIN rear brake caliper works in conjunction with a 260mm rear brake disc.



**Handlebar-mounted Suzuki Drive Mode Selector (S-DMS)** allows the rider to choose from three different engine power delivery 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 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. Transmission shift-alert-light is programmable to blink or stay on between 4,000 and 11,500 rpm.



**Radical aerodynamic styling and smooth bodywork provides the Hayabusa its distinctive look**, improves fuel efficiency and offers superb wind protection for the rider during normal and completely tucked-in seating positions.

MODEL:	2017 Suzuki Hayabusa (GSX1300RA)	SUZUKI EDGE	2016 BMW R1200RS	2016 Kawasaki ZX-14R ABS	Other Competitor's
<b>MSRP:</b>	\$14,599	<p>The Suzuki Hayabusa is quite simply the Ultimate Sportbike. Twist the throttle and it responds with awesome acceleration and crisp throttle response in every gear with an unbelievable top-end charge. Thanks to a lightweight and rigid twin-spar aluminum frame and state-of-the-art suspension, that performance is matched by equally impressive handling, providing exceptional control in tight corners, reassuring stability in sweeping turns and a smooth ride on the highway. The sleek, aerodynamic body work functions as it appears so the Hayabusa slips through the wind like a Peregrine Falcon.</p> <p>At \$14,599, the Hayabusa is priced \$400 less than the Kawasaki ZX-14R and \$396 less than the older design BMW R1200RS. While the BMW lacks the engine performance of the Hayabusa, the Kawasaki lacks refinement as well. Looking past numbers into real world performance, look, heritage and reliability – the Hayabusa is justified to be referred to as the Ultimate Sportbike.</p>	\$14,995	\$14,999	<i>Honda, Ducati, KTM, Yamaha, Aprilia and others have no comparative models.</i>
<b>ENGINE</b>					
<b>Engine:</b>	1340cc, 4-stroke, 4-cylinder, liquid-cooled, DOHC 16-valves	The strong DOHC in-line four cylinder engine in the Hayabusa produces unrivaled power and torque. Utilizing innovative Suzuki technologies such as Twin Swirl Combustion Chambers (TSCC), Suzuki Dual Throttle Valve (SDTV) fuel injection, and Suzuki Ram Air Direct (SRAD), the Hayabusa's mighty 1340cc engine propels its aerodynamic wind-tunnel designed bodywork to legendary numbers.	1,170cc liquid-cooled, 2-cylinder, 4-stroke, DOHC 8-valves	1,441cc liquid-cooled, 4-cylinder, 4-stroke, DOHC 16-valves	N/A
<b>Bore &amp; Stroke:</b>	81.0 x 65.0mm	The engine's 81mm bore and 65mm stroke dimensions provide the Hayabusa with an optimal balance between horsepower and torque and allows a higher RPM — resulting in powerful performance and acceleration. The cylinder bores are finished with Suzuki Electrochemical Material (SCEM) coating for good ring sealing, durability and excellent heat transfer characteristics.	101.0 x 73.0 mm	84.0 x 65.0 mm	N/A
<b>Compression Ratio:</b>	12.5:1	The Hayabusa utilizes a class-leading 12.5:1 compression ratio, resulting powerful better low-end torque for exceptional engine performance and fuel efficiency.	12.5 : 1	12.3:1	N/A

MODEL:	2017 Suzuki Hayabusa (GSX1300RA)	SUZUKI EDGE	2016 BMW R1200RS	2016 Kawasaki ZX-14R ABS	Other Competitor's
<b>Rider Aids:</b>	Suzuki Drive Mode Selector (S-DMS)	<p>The Suzuki Drive Mode Selector (S-DMS) on the Hayabusa lets rider's select engine power delivery to match preferences or riding conditions. The system's control over engine output feels so smooth and natural, it does not detract from riding enjoyment.</p> <p><b>The rider can select any of three modes.</b> Easily controlled via a handlebar mounted rocker switch.</p> <p><b>Mode A</b> delivers strong acceleration is suitable for spirited riding by skilled riders when the road conditions are very good.</p> <p><b>Mode B</b> has a nominal power delivery. This mode is well suited for most riders when the road conditions are fair.</p> <p><b>Mode C</b> provides a very smooth power delivery. This is well suited for poor road conditions (debris or water are present).</p>	None	Traction Control & Power Mode Selector	N/A
<b>Fuel System:</b>	Suzuki Electronic Fuel Injection utilizing 44mm Suzuki Dual Throttle Valve (SDTV) equipped throttle bodies	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. This SDTV system delivers excellent drivability and coupled with the Hayabusa's Suzuki Ram Air Direct (SRAD) system, helps the motorcycle deliver an incredible amount of horsepower.	EFI	EFI	N/A
<b>Final Drive:</b>	Chain (RK sealed GB50GSV O-ring)	The Hayabusa comes with a special-strength, high-quality chain that has lubricants sealed inside the plates and rollers via O-rings for long life and quiet operation. The 530 size chain has special roller pins that can easily handle the high level of performance from the bike's 1340cc torque-rich engine but is lightweight in comparison to the heavy chains used on the many of its competitors.	Shaft drive	Chain	N/A



MODEL:	2017 Suzuki Hayabusa (GSX1300RA)	SUZUKI EDGE	2016 BMW R1200RS	2016 Kawasaki ZX-14R ABS	Other Competitor's
<b>Transmission:</b>	6-speed constant mesh	The Hayabusa's 6-speed constant mesh transmission features ideal gear ratios for versatile performance on a wide variety of road conditions. This transmission was designed with the strength required to transmit the power of the Hayabusa engine. A precision shift mechanism and low-effort hydraulic clutch release keeps gear selection quick and nimble for spirited riding or comfortable touring.	6-speed	6-speed	N/A
<b>CHASSIS</b>					
<b>Front Brakes:</b>	Twin 310mm discs, four-piston BREMBO calipers, ABS equipped	The epitome of braking performance in the class, the Hayabusa has a lightweight, hollow three-spoke cast aluminum front wheel fitted with two, large 310mm floating brake rotors gripped by BREMBO monobloc hydraulic, quad-piston calipers that deliver superb braking performance. Enhancing the stopping performance is the Hayabusa's proven BOSCH ABS system.	Dual 320mm discs, 4-piston calipers	Dual 310mm discs, 4-piston calipers	N/A
<b>Rear Brakes:</b>	Single 260mm disc, single-piston NISSIN caliper	Mounted to a lightweight cast aluminum rear wheel, the Hayabusa has a 260mm rear rotor and strong NISSIN brake caliper provide controllable, consistent stopping power for reliable stopping performance. The standard ABS system stands at the ready to adjust stopping power if the available traction is low.	Single 276mm disc, twin piston caliper	Single 250mm disc, single-piston caliper	N/A
<b>Braking Aid:</b>	AntiLock Brake System (ABS)	The Hayabusa is equipped with Suzuki's cutting-edge antilock braking system that helps the rider stay in control even during hard braking. ABS monitors the wheel speeds 50 times per wheel rotation and matches stopping power to the available traction.	AntiLock Brake System (ABS)	AntiLock Brake System (ABS)	N/A
<b>Curb Weight:</b>	586 lbs. (266 kg)	The Hayabusa's balanced mass lets it easily maneuver over rough road conditions, yet have extraordinary straight line performance. Here is a touring capable motorcycle with both an aluminum twin-spar frame and an arched aluminum swing arm that contribute to smooth and precise handling. The Hayabusa weighs over 7 pounds less than the Kawasaki ZX-14R, and has lower weight than smaller displacement, lower horsepower-producing motorcycles from other competitors.	520.3 lbs.	593.1 lbs.	N/A

MODEL:	2017 Suzuki Hayabusa (GSX1300RA)	SUZUKI EDGE	2016 BMW R1200RS	2016 Kawasaki ZX-14R ABS	Other Competitor's
<b>Fuel Tank:</b>	5.5 US gal. (21.0L) CA Model 5.3 US gal. (20.0L)	The Hayabusa boasts a generous 5.5 gallon fuel tank, along with it's efficient Suzuki fuel-injected engine, to provide abundant fuel for extended commuting, touring or sport riding. Sculpted knee panels on the frame shield painted surfaces from damage.	4.7 US gal.	5.8 US gal.	N/A
<b>Wheelbase:</b>	58.3 in. (1480mm)	The Hayabusa features an appropriate 58.3 inch wheelbase that results in superb straight line stability, especially over difficult road conditions while remaining short enough for spirited handling. Careful positioning of the swingarm pivot location, made possible by the engine design, contributes to the motorcycle's superb handling behavior.	60.2 in.	58.3 in.	N/A
<b>Overall Length:</b>	86.2 in. (2190mm)	The Hayabusa has a longer overall length than most of its competitors (while other models are abnormally long, like the BMW R1200RS). This contributes to an extended rider cockpit.	86.7 in.	85.4 in.	N/A
<b>Overall Width:</b>	28.9 in. (735mm)	Due to its well-designed four cylinder engine, the Hayabusa is maneuverable with a 28.9-inch overall width that is trim compared to the other motorcycles in the class. The engine and the Hayabusa's sleek fairing are actually narrower than the specification indicates as the wide fairing-mounted mirrors provide an excellent rear view for maneuvering through traffic.	36.4 in. (excludes mirrors)	30.3 in.	N/A
<b>Seat Height:</b>	31.7 in. (805mm)	The Hayabusa has an ideal 31.9-inch seat height that is one of the lowest in the class. This low seat and it's carefully crafted shape were designed to make it easier for riders to comfortably put both feet on the ground when stopped. The width and padding of the rear portion of the rider's seat provides for all-day comfort when sport-touring. The passenger seat and grab bar can be swapped out with a solo tail cowl to complete the Hayabusa's wind-cheating look.	32.3 in.	31.5 in.	N/A

MODEL:	2017 Suzuki Hayabusa (GSX1300RA)	SUZUKI EDGE	2016 BMW R1200RS	2016 Kawasaki ZX-14R ABS	Other Competitor's
<b>Front Suspension:</b>	43mm inverted telescopic, coil spring, oil damped, adjustable spring preload, compression & rebound damping; 4.7 in (120mm) travel	The Hayabusa features an oil-damped 43mm KYB 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. The fork features easy access spring preload and damping force adjusters and is calibrated specifically for the Hayabusa to deliver superb performance. The aerodynamic front fender not only adds a splash of color and style, but provides protection for the fork.	45mm inverted telescopic forks, 5.5 in. travel	43mm inverted telescopic fork, 4.6 in. travel	N/A
<b>Rear Suspension:</b>	Link type, coil spring, oil damped, adjustable 7-step spring preload & rebound damping; 5.5 in (139mm) travel	A strong, braced GSX-R-style aluminum swingarm and link-type rear KYB shock with spring preload and damping force adjustment provides the Hayabusa with better stability and consistent performance on a variety of road conditions, compared to the competition. The shock absorber has a stout 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. Unlike the link-less shock used on the BMW R1200RS, the Suzuki's shock linkage increases the spring rate and damping resistance as wheel travel increases, matching suspension response to the size of road imperfections.	Link-less single shock, 5.5 in. travel	Link style single shock, 4.9 in. travel	N/A
<b>Front Tire:</b>	120/70-ZR17	Fitted to a wide, low-weight three-spoke hollow cast wheel, the premium radial front tire on the Hayabusa matches or exceeds the other higher-priced motorcycles in the ultra-performance, sportbike class. The tire's belting is designed to maximize the stopping power from the large, twin front brake rotors.	120/70-17	120/70-17	N/A



MODEL:	2017 Suzuki Hayabusa (GSX1300RA)	<b>SUZUKI EDGE</b>	2016 BMW R1200RS	2016 Kawasaki ZX-14R ABS	Other Competitor's
<b>Rear Tire:</b>	190/50-ZR17	Designed to tolerate the power from the Hayabusa's engine, the high-quality 190 mm wide radial rear tire delivers superb grip and long thread life. Mounted to a wide, three-spoke cast wheel, the tire's trim profile handles turn-in with low effort as compared to the competition.	180/55-17	190/50-17	N/A
<b>Color:</b>	Glass Sparkle Black / Pearl Glacier White -or- Pearl Vigor Blue / Glass Sparkle Black	The Hayabusa is offered in a two-tone black and white scheme, or black and blue color-way. Every Hayabusa proudly displays Japanese Kanji symbols on it's fairing honoring the speedy Peregrine Falcon bird that inspired its designers.	Blue/Gray or Solid Gray	Glossy Black/Blazed Green	N/A
<b>Warranty</b>	12 Month Unlimited Mileage Limited Warranty	The Hayabusa is delivered with a 12 month unlimited mileage limited warranty with extended protection plans available from Suzuki Extended Protection (SEP). These plans add years of protection, and can be transferred to the next owner and help maintain resale value.	24 month limited warranty	12 month limited warranty	N/A