

CBF1000F ABS

2010 Press Information



The perfect fit for your life

The new 2010 Honda CBF1000F ABS takes the CBF ethos of versatile motorcycling enjoyment another step further. Its styling is compact and more sporty with improved ergonomic design. Its power provides flexibility and easy handling as well as impressive reliability and fuel economy. The CBF1000F ABS also offers a comfortable ride for both rider and passenger, and can be purchased with a choice of panniers as standard.

Development Concept

The CBF1000 was developed to be a sporty performer that would lead its class in stylish practicality and usable power. Its versatility takes the CBF concept to another level. Its specialities are not just adjustable components and handling that easily adapts to the rider's skill level; but an impressively linear delivery that provides the power the rider wants exactly when it's needed. Quick cross-city errands are made easy with strong, sporty acceleration that gets the rider out in front of traffic queues. Out-of-town cruising with a passenger and luggage aboard is a smooth, comfortable experience, while sportier solo rides are fun and exhilarating.

With a new aluminium frame, the CBF1000F ABS is agile, lightweight and easy to handle. A single muffler enhances its sporty looks. Those moving up from a mid-displacement bike or re-entry riders will find it delightfully easy to ride. Seasoned bikers looking for a power-packed all-rounder will be inspired by its precise performance characteristics, luxurious styling and comfort. For anyone looking for a high-quality, high-value Honda experience, the CBF1000F ABS is a perfect fit.

Styling

The elegant styling of the CBF1000F ABS expresses its big-bike performance capabilities without overstating them. Its smooth lines and surfaces emphasise its aerodynamic proficiency. The immediate focus of attention is its sculpted half fairing. Its proportions are designed to provide a superior degree of wind protection at high speed as well as excellent manoeuvrability.

Four-position adjustable windscreen

The clean-cut front profile integrates an aerodynamic adjustable windscreen. This has four possible positions, giving an adjustability range of 120mm. Adjustment is easy and does not require any tools. The lowest position is ideal for short, sporty rides, allowing an intense feel while still reducing fatigue. The highest position reduces wind impact on the upper body, improving comfort on longer journeys. In each position and at any speed, attention to aerodynamics and stability are integral to the design.

Top-quality seat design

The new 2010 CBF1000F ABS has a three-position adjustable seat with a broad rear and slim, tapered front that give an ideal balance of low height and comfort. The seat can be raised or lowered 15mm from its 795mm-high central position and the handlebars are high enough to allow a natural, upright riding position which adds to both comfort and confidence. The pillion seat is also designed for easy, relaxed touring.

Exclusive light & indicator design

The CBF1000F ABS light arrays emphasise its sporty image as well as providing excellent visibility. The front cowl integrates the same distinctive low-profile line beam headlights as the CBR600RR, as well as a pair of LED-look indicators. At the rear, a striking new LED tail-light gives brilliant illumination. The oval-shaped rear indicators are also compact and feature an attractive design derived from the edgy CB1000R.

Sporty instrument panel

A large, central analogue rev counter provides a sporty focal point. It is surrounded by sophisticated and practical digital readouts. These include an odometer with dual trip meters, a speedometer, a clock, a fuel gauge and indicator lights. It also includes a fuel consumption gauge. This displays average fuel consumption on a trip basis as well as indicating real-time fuel economy and reserve fuel usage.

Colouring Concept

Four launch colours are available for the CBF1000F ABS. These include a rich and intense Pearl Nightstar Black, a sophisticated Quasar Silver Metallic, an elegant Pearl Cool White and a sporty Pearl Amber Yellow. As well as a new logo, all versions feature a black engine, black engine covers and black wheels.

Colours

- Pearl Nightstar Black
- Quasar Silver Metallic
- Pearl Cool White
- Pearl Amber Yellow

Engine

Super Sports power, Naked delivery

CBF models have previously featured CBR-based engines, and the CBF1000 is no exception. It benefits from all the power of the liquid-cooled, inline-four powerhouse designed for the CBR1000RR with race-winning heritage.

The engine focuses on strong, enjoyable torque rather than increased maximum power. The compression ratio has been raised (from 11.0:1 to 11.2:1), effectively improving both power and efficiency. The emphasis is always on enjoyment of the engine's power in the mid-range where it is most used. A high-revving low to midrange provides quick, powerful rushes of acceleration up to a searing top speed that increases long-distance touring pleasure.

Like its litre-class Naked brother, the CB1000R, the new CBF1000F ABS places a huge emphasis on enjoyment, offering full-blooded performance in an accessible and easily manageable package.

Fuel-injected efficiency

To deliver its wide-ranging and long-distance capabilities, the CBF1000F ABS engine is tuned to perform with maximum efficiency. A highly developed Honda PGM-FI system constantly measures data on engine speed, throttle input and operating conditions in order to maintain the best power and throttle response in all conditions. 36mm throttle bodies and 12-hole injectors deliver the ideal fuel atomisation and sharp, responsive performance.

The system also contributes to the new motorcycle's low fuel consumption. The CBF1000F ABS is 7% more fuel efficient than the 09YM version and easily sets a new standard for economy in its class, making it perfect for low-cost commuting. Combined with its high level of comfort and adaptability for touring, this makes the CBF1000F ABS a great all-round motorcycle.



Chassis

High-capacity single muffler

The enhanced performance characteristics of the CBF1000F ABS engine are complemented by a new exhaust system. This single-sided stainless steel system cuts down on weight and bulk by placing the pre-catalyser in the exhaust pipe and the main catalyser in one large-capacity muffler. The catalysing system itself maintains the optimal air/fuel mixture at all times to keep exhaust emissions to a minimum.

The CBF1000F ABS is built around a strong Mono-Backbone frame, tailored to the sporty and easy-handling performance characteristics of the bike.

This lightweight and sturdy frame clamps the powerful 998cc engine as a stressed member in a diamond configuration offering superior strength and rigidity for responsive control. The engine's rear mounts and swingarm pivot are positioned between a pair of strong cast aluminium pivot plates in a solid, rigid configuration that enhances handling. The overall dimensions are compact, adding to the bike's easy riding position and handling. A 1495mm wheelbase creates smooth, effortless high-speed stability, while the overall length and turning radius are kept relatively short for easy manoeuvring.

Smooth comfort and predictable handling are enhanced by top-quality suspension systems. These allow all riders to enjoy a natural, easy feeling of control, regardless of their riding style and level of experience.

The 41mm telescopic front fork effortlessly handles uneven road surfaces and allows confident handling to match the motorcycle's performance capabilities. The wide fork span complements the comfortable handlebar position, creating swift, proficient manoeuvring control. New fork spring adjusters allow both comfort and handling to be enhanced. Quicker compression gives a smooth ride, while a higher rebound damping force improves responsiveness and gives a sporty feel.

The swingarm is designed for optimum rigidity and cornering control. A responsive Monoshock damper featuring the Honda Multi-Action System (HMAS) with seven-step adjustable spring preload contributes to an optimal balance of compliant behaviour and confidence-building control. This system allows the rider to achieve the best set-up for sporty solo riding or long trips with a passenger and a full load of luggage.



Standard Equipment

Confident control

The dynamic styling of the 2010 CBF1000F ABS is enhanced by black-painted 17" cast aluminium wheels with an attractive 6-spoke design. Strong and lightweight, they contribute to the responsive feel. A high priority has been placed on strong, responsive brakes to match the sporty power delivery and inspiring performance. Front braking is delivered by 2-piston front calipers and large 296mm floating rotors. The 240mm rear disc is gripped by a rigid single-piston caliper.

Combined ABS

The CBF1000F ABS is equipped with both the easy control of a Combined Brake System and the extra reassurance of an Antilock Brake System. The CBS effectively balances front and rear braking control for smooth operation. At the same time, the ABS provides extra reassurance and the confidence to build skills in unexpected or extreme situations.

The new CBF1000F ABS is available in a range of factory options to provide a tailored solution for every lifestyle and riding style. A reduced power (72kW) version allows choice of the engine performance best suited to the rider's preference and experience. There are also versions with small panniers or large panniers as standard.

Optional Equipment

Honda Access will provide a comprehensive range of additional accessories for the CBF1000F ABS. These are designed alongside the motorcycle and tailored to enhance its styling, comfort and all-round usability. The range includes:

- A motion and vibration-sensitive AVERTO alarm kit including a compact alarm unit with a loud warning signal and a back-up battery. A low-consumption sleep mode protects the battery from draining. The system is easy to install with pre-fitted model-specific wiring.

- A crankshaft cover set, and a crankshaft cover ornament kit, both colour matched with the motorcycle's body colour, allowing the rider to add a personal touch.

-A set of two exclusive 29-litre panniers. Specially designed for the CBF1000F ABS, they are aerodynamically styled and fully integrated with the pannier stays provided. An additional barrel lock and spare keys are included.

- A set of two aerodynamically designed 33-litre panniers. These are specially tailored to integrate with the CBF1000F ABS styling and are colour-matched with the motorcycle. Each pannier can hold one full-face helmet. The kit includes pannier stays, an additional barrel lock and spare keys.

- A quick-locking and easily detachable 35-litre top box which can hold one full-face or two open-face helmets. Top box lids are produced in colours to match the motorcycle. A rear carrier, top box bracket and top box pad are included.

- A 45-litre top box which holds two full-face helmets with room to spare. This top box features a locking quick-detach mounting system. Lids are produced in colours to match the motorcycle. A rear carrier, top box bracket, pillion backrest and top box mat are included.

- A black nylon top box inner bag which is expandable from 15 to 25 litres and comes with an adjustable shoulder strap and carrying handle. The front pocket can hold an A4-sized file and features a silver Honda Wing logo.

-A deluxe top box inner bag in light grey nylon with black zippers and a black embroidered Honda Wing logo on the front pocket. The bag is expandable from 21 to 33 litres, has a front pocket which can contain an A4-sized file and fits all 45-litre top boxes. It comes with an adjustable shoulder strap and carrying handle.

- A deluxe set of two pannier inner bags in strong, light grey nylon, each offering an extra 16 litres of carrying capacity and featuring a handy front pocket with a black embroidered Honda Wing logo. Handles and carrying straps are included.

-A tamper-resistant barrel key U-lock which is designed to fit under the seat of the CBF1000F ABS.

- A tailored outdoor motorcycle cover in water-resistant breathable fabric that allows the bike to dry while covered and protects its paintwork against U.V. rays. A rope is provided to tighten the cover and prevent fluttering and two standard holes allow for the easy use of a U-lock.

-A patented heat-adjustable grip heater kit with an integrated circuit to prevent battery drainage.



Background

Since the introduction of the mid-displacement CBF500 and CBF600 in 2004, our CBF motorcycles have built up a reputation for solid, reliable performance and ease of operation. Their initial 'Just Fit' concept set out to provide the ultimate in all-round comfort and adaptability for every rider and every task. The CBF600 in particular, with its dynamic Hornet-based engine, adjustability and all-round versatility, had an immediate appeal. Its satisfying performance has made it a staple of mid-displacement enjoyment, as well as an ideal vehicle for riders of all skill levels to grow towards larger-displacement models.

Rider demand followed for the same 'Just Fit' appeal and fun riding properties combined with the stronger and sportier performance of a litre-class engine. The CBF development team set out to create a versatile motorcycle that would provide an exhilarating and sporty ride in a compact and easily manageable configuration. The engine's performance would be focused where it is most enjoyable and useful for CBF riders – in the low and mid-range. The result was the 2006 CBF1000.

Based around a CBR1000RR engine, tuned for torquey mid-range and strong, enjoyable roll-on acceleration, its applications range from commuting to light two-up touring, and everything in between. Its emphasis lies firmly on fun, the engine's torquey performance combining with a relaxed riding position and easy all-round handling. Powerful and aggressive, the CBF1000 is also beautifully accessible, making it one of the most enjoyable machines in the semi-Naked litre class.

As standards rise and usage becomes wider, customer feedback indicated a demand for more contemporary styling and more finely-tailored performance. It was time to build on the CBF1000 characteristics and create a new standard for this class – a comfortable and accessible all-rounder with even stronger, more enjoyable power and the kind of styling that would bring it right up to date.



Specifications

General		
Model		CBF1000F ABS
Mold Type		ED-type
Engine		
Type		Liquid-cooled 4-stroke DOHC inline-4
Displacement		998cm ³
Bore x Stroke		75 x 56.5mm
Compression Ratio		11.2 : 1
Max. Power Output		79kW / 9,000min ⁻¹ (95/1/EC)
Max. Torque		96Nm / 6,500min ⁻¹ (95/1/EC)
Idling Speed		1,200min ⁻¹
Oil Capacity		3.6 litres
Fuel System		
Carburation		PGM-FI
Throttle Bore		36mm
Aircleaner		Dry, cartridge-type paper filter
Fuel Tank Capacity		20 litres
Fuel Consumption		18.4 km/l (WMTC Mode**)
Electrical System		
Ignition System		Computer-controlled digital transistorised with electronic advance
Ignition Timing		5° BTDC (idle) ~ 45° BTDC (7,500min ⁻¹)
Sparkplug Type		IMR8C-9HES
Starter		Electric
Battery Capacity		12V / 8.6AH
ACG Output		350W / 5,000min ⁻¹
Headlights		12V, 55W x 1 (low) / 55W x 1 (high)
Drivetrain		
Clutch		Wet, multiplate with coil springs
Clutch Operation		Hydraulic
Transmission		6-speed
Primary Reduction		1.604
Gear Ratios		2.643
	2	1.833
	3	1.500
	4	1.318
	5	1.174
	6	1.074
Final Reduction		2.687 (43/16)
Final Drive		#530 O-ring sealed chain
Frame		
Type		Mono-backbone; cast aluminium

Chassis		
Dimensions		2,210 x 780 x 1,220mm
Wheelbase		1,495mm
Caster Angle		26°
Trail		110mm
Turning Radius		2.9m
Seat Height		795mm (±15mm)
Ground Clearance		135mm
Kerb Weight		245kg (F: 120kg; R: 125kg)
Max. Carrying Capacity		195kg
Loaded Weight		440kg
Suspension		
Type	Front	41mm free valve-type telescopic fork and adjustable spring; 120mm stroke
	Rear	Gas-charged HMAS damper and adjustable spring and rebound; 120mm axle stroke
Wheels		
Type	Front	Hollow-section 6-spoke cast aluminium
	Rear	Hollow-section 6-spoke cast aluminium
Rim Size	Front	17M/C x MT3.50
	Rear	17M/C x MT5.00
Tyre Size	Front	120/70 ZR17M/C (58W)
	Rear	160/60 ZR17M/C (69W)
Tyre Pressure	Front	250kPa
	Rear	290kPa (with passenger: 290kPa)
Brakes		
Type	Front	296 x 4.5mm dual hydraulic disc with 2-piston calipers, floating rotors, sintered metal pads (3-piston calipers and Combined ABS)
	Rear	240 x 5.0mm hydraulic disc with 1-piston caliper, sintered metal pads and Combined ABS

** Please note that the figures provided are results obtained by Honda under standardised testing conditions prescribed by WMTC (World Motorcycle Test Cycle). Tests are conducted on a rolling road using a standard version of the vehicle with only one rider and no additional optional equipment. Actual fuel consumption may vary depending on how you ride, how you maintain your vehicle, weather, road conditions, tire pressure, installation of accessories, cargo, rider and passenger weight, and other factors. - All specifications are provisional and subject to change without notice.

