

2005 CBR1000RR FIREBLADE PRESS INFORMATION

The remarkable, new 1,000cc Fireblade arrives on the scene fully charged with the racing DNA of Honda's unbeatable RC211V MotoGP champion, and primed to deliver the sharpest sport riding performance and handling ever experienced in its class. Featuring a more compact new engine, Dual Sequential Fuel Injection for breathtaking power and response across its wide powerband, an advanced new hollow-section Gravity Die-Cast aluminium composite frame with Unit Pro-Link rear suspension for peerless precision control that feels like an integral extension of the rider, and a revolutionary new steering damper that maintains unruffled handling ease on the ragged edge of performance, the new Fireblade takes sport riding to previously unimagined peaks of excitement and corner carving capability, and you to the ride of your life.

Colours

- Winning Red (with Pearl Heron Blue and Digital Silver Metallic undercowl)
- Black (with Matte Gunpowder Black Metallic undercowl)
- Candy Tahitian Blue (with Black and Digital Silver Metallic undercowl)
- Repsol Replica

Specifications**CBR1000RR Fireblade (ED-type)****Engine**

Type	Liquid-cooled 4-stroke 16-valve DOHC inline-4
Displacement	998cm ³
Bore x Stroke	75 x 56.5mm
Compression Ratio	11.9 : 1
Max. Power Output	126.4kW/11,250min ⁻¹ (95/1/EC)
Max. Torque	115.1Nm/8,500min ⁻¹ (95/1/EC)
Idling Speed	1,200min ⁻¹
Oil Capacity	3.9 litres

Fuel System

Carburation	PGM-DSFI electronic fuel injection
Throttle Bore	44mm
Aircleaner	Dry, cylindrical-type paper filter x 2
Fuel Tank Capacity	18 litres

Electrical System

Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	8.2° BTDC (idle) ~ 45° BTDC (7,500min ⁻¹)
Sparkplug Type	NGK: IMR9C-9HES ND: VUH27EC
Starter	Electric
Battery Capacity	12V/10AH
ACG Output	344W
Headlights	12V 55W x 1 (low) / 55W x 2 (high)

Drivetrain

Clutch	Wet, multiplate with coil springs
Clutch Operation	Hydraulic
Transmission Type	6-speed
Primary Reduction	1.604 (77/48)
Gear Ratios	1 2.538 (33/13) 2 1.941 (33/17) 3 1.578 (30/19) 4 1.380 (29/21) 5 1.250 (25/20) 6 1.160 (29/25)

Final Reduction 2.500 (40/16)
Final Drive #530 O-ring sealed chain

Frame

Type Diamond; aluminium composite twin-spar

Chassis

Dimensions (LxWxH) 2,025 x 720 x 1,120mm
Wheelbase 1,410mm
Caster Angle 23° 45'
Trail 102mm
Turning Radius 3.34m
Seat Height 820mm
Ground Clearance 130mm
Dry Weight 179kg
Kerb Weight 208kg
Max. Carrying Capacity 180kg
Loaded Weight 358kg

Suspension

Type Front 43mm inverted HMAS cartridge-type telescopic fork with stepless preload, compression and rebound adjustment, 120mm axle travel
Rear Unit Pro-Link with gas-charged HMAS damper featuring 13-step preload and stepless compression and rebound damping adjustment, 135mm axle travel

Wheels

Type Front Hollow-section triple-spoke cast aluminium
Rear Hollow-section triple-spoke cast aluminium
Rim Size Front 17M/C x MT3.50
Rear 17M/C x MT6.00
Tyre Size Front 120/70 ZR17M/C (58W)
Rear 190/50 ZR17M/C (73W)
Tyre Pressure Front 250kPa
Rear 290kPa

