

# 2006 CBR600RR PRESS INFORMATION

With the distilled, road-going essence of Honda Racing DNA flowing through its every component part, the CBR600RR continues its World Supersport-fueled domination of the streets and every curve-filled back road that thrills your heart. The RR's lightweight, high-revving inline-4 engine gets its jolt of juice from an innovative Dual Sequential fuel injection system which ensures flawless performance throughout its wide rev range, as well as a stronger surge of midrange performance that gets you out of corners quicker and up to top speed faster.

The CBR600RR's sharp and aggressive styling reaffirms its ties to Honda's championship RC211V racers. Its lightweight, hollow Fine Die-Cast frame ties together an impressive, fully adjustable inverted front fork equipped with racing class radial-mount brakes for sharp handling and control, and a large yet lightweight hybrid-formed swingarm for smooth, more responsive cornering, and a stronger power-to-weight ratio that translates easily into wide-eyed riding enjoyment.

Fusing the most advanced performance technologies into the fastest and most agile riding machines in its class, the CBR600RR takes your Supersport riding experience to new levels of exhilarating achievement. Honda Racing DNA gives birth to a perennial champion. The CBR600RR... Now prepare yourself for the good times to come.

## **Colours**

- Italian Red (with Pearl Siren Blue and Digital Silver Metallic)
- Graphite Black (with Digital Silver Metallic and Matte Gunpowder Black Metallic undercowl)
- Pearl Fire Orange (with Graphite Black and Digital Silver Metallic)
- Telefonica Movistar Replica

## **New Features**

- New colour variations.

**Specifications****CBR600RR (ED-type)****Engine**

Type	Liquid-cooled 4-stroke 16-valve DOHC inline-4
Displacement	599cm <sup>3</sup>
Bore x Stroke	67 x 42.5mm
Compression Ratio	12 : 1
Max. Power Output	86kW/13,000min <sup>-1</sup> (95/1/EC)
Max. Torque	66Nm/11,000min <sup>-1</sup> (95/1/EC)
Idling Speed	1,300min <sup>-1</sup>
Oil Capacity	3.5 litres

**Fuel System**

Carburation	PGM-DSFI electronic fuel injection
Throttle Bore	40mm
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	18 litres (including 3.5-litre LCD-indicator reserve)

**Electrical System**

Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	Independent 4-cylinder 3D-mapped computer control
Sparkplug Type	IMR9C-9H (NGK); VUH27D (ND)
Starter	Electric
Battery Capacity	12V/8.6AH
ACG Output	333W
Headlights	12V, 55W x 1 (low) / 55W x 1 (high)

**Drivetrain**

Clutch	Wet, multiplate with coil springs
Clutch Operation	Mechanical; cable-actuated
Transmission Type	6-speed
Primary Reduction	2.111 (76/36)
Gear Ratios	1 2.666 (32/12)
	2 1.937 (31/16)
	3 1.661 (29/18)
	4 1.409 (31/22)
	5 1.260 (29/23)
	6 1.666 (28/24)
Final Reduction	2.625 (42/16)
Final Drive	#525 O-ring sealed chain

**Frame**

Type Diamond; Fine Die-Cast aluminium

**Chassis**

Dimensions (LxWxH) 2,010 x 690 x 1,115mm  
Wheelbase 1,395mm  
Caster Angle 24°  
Trail 95mm  
Turning Radius 3.2m  
Seat Height 820mm  
Ground Clearance 130mm  
Dry Weight 163kg  
Kerb Weight 191kg (F: 99kg; R: 92kg)  
Max. Carrying Capacity 180kg  
Loaded Weight 371kg (F: 141kg; R: 230kg)

**Suspension**

Type Front 41mm fully adjustable inverted HMAS cartridge-type telescopic fork, 120mm axle travel  
Rear Unit Pro-Link with gas-charged remote reservoir damper, adjustable spring preload and compression and rebound damping, 130mm 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 MT5.50  
Tyre Size Front 120/70 ZR17M/C (58W)  
Rear 180/55 ZR17M/C (73W)  
Tyre Pressure Front 250kPa  
Rear 290kPa

**Brakes**

Type Front 310 x 4.5mm dual hydraulic disc with radial-mount 4-piston callipers, floating rotors and sintered metal pads  
Rear 220 x 5mm hydraulic disc with single-piston calliper and sintered metal pads

All specifications are provisional and subject to change without notice.