

2004

CBR1100XX SUPER BLACKBIRD

PRESS INFORMATION

Flying down the motorways with the breathtaking speed and performance of a stealth fighter, the singularly refined sports touring Super Blackbird returns to the fray with all the power and impressive riding capability that have made it a favourite among a discerning motorcycle riding elite. No mere point-to-point rocketship, the Super Blackbird shows its refinement in sleekly styled bodywork that maximises its aerodynamic potential for comfortable and controlled high-speed runs powered by a compact, fuel-injected 1,100cc inline-4 engine that features dual balancers for both an explosive rush of acceleration and silky smooth operation at all flight speeds. A robust twin-spar aluminium frame provides a solid mount for its compliant, sharp-handling Supersport suspension systems, while responsive Dual Combined Brakes contribute to its assured control. Remarkably light of weight and compact in all its proportions, the Super Blackbird is one of the easiest bikes on the road to enjoy to the fullest, whether making blistering charges at the sound barrier or taking leisurely 2-up tours to distant lands of mystery and intrigue.

Colours

- Matte Gunpowder Black
- Darkness Black Metallic
- Candy Tahitian Blue
- Accurate Silver Metallic

New Features

- New colour variations.

Specifications

CBR1100XX Super Blackbird (ED-type)

Engine

Type	Liquid-cooled 4-stroke 16-valve DOHC inline-4
Displacement	1,137cm ³
Bore x Stroke	79 x 58mm
Compression Ratio	11 : 1
Max. Power Output	112kW/9,500min ⁻¹ (95/1/EC)
Max. Torque	119Nm/7,250min ⁻¹ (95/1/EC)
Idling Speed	1,100min ⁻¹
Oil Capacity	4.6 litres

Fuel System

Carburation	PGM-FI electronic fuel injection
Throttle Bore	42mm
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	23 litres (including 4-litre warning light reserve)

Electrical System

Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	9° BTDC (idle) ~ 36° BTDC (4,500min ⁻¹)
Sparkplug Type	CR9EHVX-9 (NGK)
Starter	Electric
Battery Capacity	12V/10AH
ACG Output	460W
Headlights	12V 55W x 1 (low) / 55W x 1 (high)

Drivetrain

Clutch	Wet, multiplate with coil springs
Clutch Operation	Hydraulic
Transmission Type	6-speed
Primary Reduction	1.571 (88/56)
Gear Ratios	1 2.769 (36/13)
	2 2.000 (32/16)
	3 1.579 (30/19)
	4 1.333 (28/21)
	5 1.167 (28/24)
	6 1.042 (25/24)

Final Reduction 2.588 (44/17)
Final Drive O-ring sealed chain

Frame

Type Diamond; triple-box-section aluminium twin-spar

Chassis

Dimensions (LxWxH) 2,160 x 720 x 1,200mm
Wheelbase 1,490mm
Caster Angle 25°
Trail 99mm
Turning Radius 3.2m
Seat Height 810mm
Ground Clearance 130mm
Dry Weight 227kg
Kerb Weight 253kg (Front: 124kg; Rear: 129kg)
Max. Carrying Capacity 185kg
Loaded Weight 403kg (Front: 159kg; Rear: 244kg)

Suspension

Type Front 43mm H.M.A.S. cartridge-type telescopic fork, 120mm axle travel
Rear Pro-Link with gas-charged H.M.A.S. damper, stepless adjustable rebound damping, 120mm axle travel

Wheels

Type Hollow-section triple-spoke cast aluminium
Rim Size Front 17 x MT3.50
Rear 17 x MT5.50
Tyre Size Front 120/70 ZR17 (58W)
Rear 180/55 ZR17 (73W)
Tyre Pressure Front 290kPa
Rear 290kPa

Brakes

Type Front 310 x 5mm dual hydraulic disc with Combined 3-piston callipers and sintered metal pads
Rear 256 x 5mm hydraulic disc with Combined 3-piston calliper and sintered metal pads

All specifications are provisional and subject to change without notice.