

2004 VFR PRESS INFORMATION

Consistently hailed as one of the finest all-round motorcycles—of any displacement—on the roads of Europe, the renowned VFR offers an unparalleled balance of power, performance and all-round riding ease in a machine of peerless quality and attention to detail. A machine so remarkably well tuned that it feels just as comfortable and confident flying up and down mountain passes as it does cruising the motorways that lie between one's varied destinations.

Its unique fuel-injected V4 engine produces a seamless band of strong, accessible power produced with an ingenious VTEC 2-stage valve actuation system that delivers both the low-end grunt associated with 2-valve engines and the soaring power of the highest-performance 4-valve mills, for exhilarating performance in all riding situations.

Styled for a new age of riding and touring enjoyment, the VFR's fine-tuned aluminium chassis provides flawless handling for the ultimate in confidently responsive control. This control also extends to the VFR's braking performance with a specially configured Dual Combined Brake System which smoothly and effectively brings the VFR to a quick, calmly assured stop.

Designed to be fitted with matching optional luggage, the VFR also sets the highest standards of performance and pleasure as a highly capable tourer whenever one's riding enjoyment extends far over the horizon.

And in its deluxe ABS version, the VFR's exhilarating blend of sport bike power and handling are further elevated by the astoundingly capable braking performance of Honda's most advanced Antilock Brake System, for confident braking control over virtually any road and riding conditions, and the most satisfying balance of performance and comfort to be found in motorcycling.

Colours

- Digital Silver Metallic
- Italian Red
- Pearl Heron Blue

New Features

- New hazard light switch integrated into right-side handlebar switch pod.
- Newly designed 3-dimensional logo emblems attached to fuel tank.
- 'VTEC' and 'HECS3' markings removed from bodywork.
- ABS logo added to front fender of ABS version.
- New Vernier Grey Metallic wheel colour.
- New colour variations.

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

Type	Liquid-cooled 4-stroke 16-valve DOHC 90° V-4
Displacement	782cm ³
Bore x Stroke	72 x 48mm
Compression Ratio	11.6 : 1
Max. Power Output	80kW/10,500min ⁻¹ (95/1/EC)
Max. Torque	80Nm/8,750min ⁻¹ (95/1/EC)
Idling Speed	1,200min ⁻¹
Oil Capacity	3.8 litres

Fuel System

Carburation	PGM-FI electronic fuel injection
Throttle Bore	36mm
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	22 litres

Electrical System

Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	15° BTDC (idle) ~ 36° BTDC (5,000min ⁻¹)
Sparkplug Type	IMR9B-9H (NGK); VNH27Z (ND)
Starter	Electric
Battery Capacity	12V/10AH
ACG Output	470W
Headlights	12V 55W x 2 (low) / 55W x 2 (high)

Drivetrain

Clutch	Wet, multiplate with coil springs
Clutch Operation	Hydraulic
Transmission Type	6-speed
Primary Reduction	1.939 (64/33)
Gear Ratios	1 2.846 (37/13)
	2 2.062 (33/16)
	3 1.578 (30/19)
	4 1.291 (31/24)
	5 1.111 (30/27)
	6 0.965 (28/29)

Final Reduction 2.687 (43/16)
Final Drive O-ring sealed chain

Frame

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

Chassis

Dimensions (LxWxH) 2,120 x 735 x 1,195mm
Wheelbase 1,460mm
Caster Angle 25° 5'
Trail 95mm
Turning Radius 3.4m
Seat Height 805mm
Ground Clearance 125mm
Dry Weight 213kg (*218kg)
Kerb Weight 244kg (F: 117kg; R: 127kg); *249kg (F: 119kg; R: 130kg)
Max. Carrying Capacity 195kg
Loaded Weight 394kg (F: 151kg; R: 243kg)

Suspension

Type Front 43mm H.M.A.S. cartridge-type telescopic fork with stepless preload adjustment, 109mm axle travel
Rear Pro-Link with gas-charged H.M.A.S. damper, 7-step (*stepless remote-controlled hydraulic) preload and stepless rebound damping adjustment, 120mm axle travel

Wheels

Type U-section 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	296 x 4.5mm dual floating hydraulic disc with Combined 3-piston callipers, (*ABS) and sintered metal pads
	Rear	256 x 6mm hydraulic disc with Combined 3-piston calliper, (*ABS) and sintered metal pads
		*VFR-ABS

All specifications are provisional and subject to change without notice.