

GL1800 Gold Wing

2008 Press Information



Introduction

Hailed around the world as the 'King of the Road', the superbly engineered Gold Wing has won an enviable reputation as the rolling standard of touring luxury against which all other touring motorcycles are compared. Combining top performance with remarkable comfort and exceptional carrying capacity, the majestic Gold Wing provides an all-encompassing long-distance touring experience that never grows old. All its many features add up to one of the most impressive, enjoyable and ultimately satisfying riding experiences on wheels, whether travelling across town or across the Continent and beyond.

- New Caliente Red Metallic colour variation.
- Honda-unique 1,832cm³ flat-six engine provides smooth, strong power while contributing to the Gold Wing's light, responsive handling.
- HECS3 oxygen-sensing catalytic exhaust gas converter system minimises emissions of harmful exhaust gases to ensure full compliance with strict EURO-3 emissions regulations.
- Lightweight and rigid twin-spar aluminium frame with single-side Pro-Arm swingarm.
- Dual Combined antilock brakes for smoothly responsive, confidence-inspiring stopping control.
- Heated handlebar grips and independently adjustable heated seats.
- Centrally integrated GPS navigation features easy-operation control while on the move (DX version).
- Revolutionary airbag safety system is the first ever developed for a production motorcycle (DX version).

Colours

- Caliente Red Metallic
- Billet Silver Metallic
- Black-Z



Specifications

General		
Model		GL1800 Gold Wing
Mold Type		ED-type
Engine		
Type		Liquid-cooled 4-stroke 12-valve SOHC flat-6
Displacement		1,832cm ³
Bore x Stroke		74 x 71mm
Compression Ratio		9.8 : 1
Max. Power Output		87kW / 5,500min ⁻¹ (95/1/EC)
Max. Torque		167Nm / 4,000min ⁻¹ (95/1/EC)
Idling Speed		700min ⁻¹
Oil Capacity		4.6 litres
Fuel System		
Carburation		PGM-FI electronic fuel injection with automatic choke
Throttle Bore		40mm
Aircleaner		Viscous, cartridge-type paper filter
Fuel Tank Capacity		25 litres (including 4-litre warning light reserve)
Electrical System		
Ignition System		Computer-controlled digital transistorised with electronic advance
Ignition Timing		2° BTDC (idle) ~ 30° BTDC (3,500min ⁻¹)
Sparkplug Type		BKR6E011 (NGK); K20PR-U11 (DENSO)
Starter		Electric
Battery Capacity		12V / 18AH
ACG Output		1,000W
Headlights		12V, 55W x 2 (low) / 55W x 2 (high)
Drivetrain		
Clutch		Wet, multiplate with coil springs
Clutch Operation		Hydraulic
Transmission		5-speed (including overdrive, plus electric reverse)
Primary Reduction		1.591 (78/49)
Gear Ratios	1	2.375 (38/16)
	2	1.454 (32/22)
	3	1.068 (31/29)
	4	0.843 (27/32)
	5	0.686 (24/35)
Final Reduction		2.750 (33/12)
Final Drive		Enclosed shaft
Frame		
Type		Diamond; triple-box-section aluminium twin-spar

Chassis		
Dimensions	(LxWxH)	2,635 x 945 x 1,455mm
Wheelbase		1,690mm
Caster Angle		29° 15'
Trail		109mm
Turning Radius		3.3m
Seat Height		740mm
Ground Clearance		125mm
Kerb Weight		405kg (F: 185kg; R: 220kg), *417kg (F: 192kg; R: 225kg)
Max. Carrying Capacity		190kg
Loaded Weight		607kg (F: 232kg; R: 375kg)
Suspension		
Type	Front	45mm air-assist telescopic fork with anti-dive, 140mm stroke
	Rear	Pro-Link Pro-Arm with electronically-controlled spring preload adjustment, 105mm axle travel
Wheels		
Type	Front	Hollow-section 5-spoke cast aluminium
	Rear	Hollow-section triple-spoke cast aluminium
Rim Size	Front	18 x MT3.50
	Rear	16 x MT5.00
Tyre Size	Front	130/70 R18 (63H)
	Rear	180/60 R16 (74H)
Tyre Pressure	Front	250kPa
	Rear	280kPa
Brakes		
Type	Front	296 x 4.5mm dual hydraulic disc with Combined 3-piston callipers, ABS, floating rotors and sintered metal pads
	Rear	316 x 11mm ventilated disc with Combined 3-piston calliper, ABS and sintered metal pads

* 'DX 'Navi/Airbag Package' version