



Make every day count

2008 Specifications¹ FLHR Road King[®]

Dimensions

Length (mm).....	2380
Seat Height (mm) ²	693
Ground Clearance (mm).....	130
Rake at steering head (°) / Trail (mm).....	26 / 158
Fork Angle.....	29.3°
Wheelbase (mm).....	1610
Fuel Capacity (litres).....	22.7
Oil Capacity w/filter (litres).....	3.8
Dry Weight (kg).....	332

Powertrain

Engine ³	Air-cooled, Twin Cam 96™
Displacement (cu.cm).....	1584
Bore x Stroke (mm).....	95.3 x 111.1
Fuel System.....	Electronic Sequential Port Fuel Injection (ESPFI)
Compression Ratio.....	9.2:1
Exhaust System.....	Chrome, cross-over exhaust with dual mufflers and taper end caps

Wheels/Tyres

Tyres:	
Front.....	D402F NW MT90B16 72H
Rear.....	D402 NW MU85B16 77H
Wheels ⁴ :	
Front.....	16" Black, 9-spoke cast aluminium
Rear.....	16" Black, 9-spoke cast aluminium

Drivetrain

Primary Drive.....	Chain, 34/46 ratio
Final Drive.....	Belt, 32/66 ratio
Clutch.....	9-plate, wet
Transmission.....	6-speed Cruise Drive™
Gear Ratios:	
1st.....	9.31
2nd.....	6.42
3rd.....	4.77
4th.....	3.93
5th.....	3.28
6th.....	2.79

Chassis

Brakes, Dia (Front/Rear, mm).....	300 dual / 300
Caliper Type.....	32mm 4-piston fixed front and rear
Front Fork.....	41.3mm telescopic
Rear Shocks.....	Air-adjustable
Suspension Travel:	
Front (mm).....	117
Rear (mm).....	76
Frame.....	Mild steel, square-section backbone with twin downtubes
Swingarm.....	Mild steel, rectangular tube sections, stamped junctions, MIG welded

Performance

Engine Torque (EU Standard EC95/1) ⁵	129 Nm / 95 ft lbs @ 3500 rpm
Lean Angle per SAE J1168 (Degrees Left/Right).....	30 / 32

Electrical

Charging.....	Three-phase, 50-amp system (585W @ 13V, 2000 rpm, 650W max power @ 13V)
Starting.....	1.2 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
Headlamp.....	Quartz Halogen, 55-watt low beam, 60-watt high beam
Auxiliary Lamps.....	Two @ 35W each (except where prohibited by law)
Tail/Stop Lights.....	5W/21W
Turn Signal Lights.....	21W self-canceling
Instruments.....	Tank-mounted, electronic speedometer with odometer; Time-of-day clock; Dual resettable tripmeter
Indicator Lamps.....	High beam, neutral, low oil pressure, engine diagnostics, turn signals, security system ⁶ , 6-speed, low fuel warnings

Colour Options⁷

Vivid Black; Black Pearl; White Gold Pearl; Dark Blue Pearl; Crimson Red Sunglo;
Suede Blue Pearl & Vivid Black; White Gold Pearl & Pewter Pearl; Olive Pearl &
Vivid Black; Crimson Red Sunglo & Candy Red Sunglo

Model Features

Black powder-coated engine with chrome treatment covers; Chrome, low-profile fuel tank console; Clear-lens reflector-optics headlamp; Full-length height adjustable rider footboards; Full-length height adjustable passenger footboards; Stainless steel, "buffalo" handlebars; One-piece, two-up Road King[®] classic seat; Clear, large Lexan[®] quick-release detachable windshield; Injection-moulded GTX[®] saddlebags with locks; Optional ABS brake system

Warranty

Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter

Footnotes

1. Harley-Davidson reserves the right to discontinue models or change specifications at any time without incurring any obligations. Vehicle specifications may vary by country and region depending on local laws. Some models are not available in certain countries.
2. Measurement reflects 81.7 kg operator weight.
3. Recommended 95 octane or higher fuel (R+M)/2. Standard and optional fuel systems may vary by country and region.
4. Standard and optional wheels may vary by country and region.
5. Values shown are nominal. Performance may vary by country and region.
6. Security system includes immobiliser and siren.
7. Availability of colours may vary from dealer to dealer and is subject to change without further notice.
8. See motorcycle owner's manual for complete details.
9. Inspections of certain systems and components are required at 1,000 mile (1,600 km) intervals.