



NEW 2006 FXDBI DYNA STREET BOB™

SPECIFICATIONS¹



DIMENSIONS

Length	92.8 in. (2358.0 mm)
Seat Height:	
Laden ²	25.8 in. (655.3 mm)
Unladen	26.8 in. (680.0 mm)
Ground Clearance	5.6 in. (142.0 mm)
Rake (steering head)	29°
Fork Angle	29°
Trail	4.7 in. (119.4 mm)
Wheelbase	64.2 in. (1630.0 mm)
Tires (Dunlop® Harley-Davidson Series):	
Front – D401F	100/90-19 57H
Rear – D401	160/70B16 73V
Fuel Capacity ³	4.7 gal. (17.8 L)
Reserve Fuel Capacity	No reserve due to fuel injection
(warning light @ approx. 1.2 gal.)	
Oil Capacity	3.0 qts. (2.8 L)
Weight:	
Dry Weight	634 lbs. (288 kg)
Vehicle Weight in Running Order	667 lbs. (303 kg)
Gross Vehicle Weight Rating	1085 lbs. (493 kg)

ENGINE

Engine ⁴ (vibration isolation-mounted)	Air-cooled, Twin Cam 88 [®]
Valves	Pushrod-operated, overhead valves w/hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	3.75 in. x 4.00 in. (95.18 mm x 101.52 mm)
Displacement	88 cu. in. (1450 cu. cm)
Compression Ratio	8.9:1
Fuel System ⁵	Electronic Sequential Port Fuel Injection (ESPFI)

DRIVETRAIN

Primary Drive	Chain
Final Drive	Belt, 70/32 ratio (68/32 ratio)
Clutch	9-plate, wet
Transmission	6-speed
Overall Ratio:	
1st	3.337
2nd	2.313
3rd	1.718
4th	1.391
5th	1.175
6th	1.000

CHASSIS

Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast and forged junctions; forged fender supports; MIG welded
Swingarm	Mild steel, rectangular tube sections, stamped junctions, MIG welded
Front Fork	49 mm w/polished aluminum fork triple clamp and dual-rate springs
Rear Shocks	Coil-over shock
Wheels ⁶ :	Steel Laced
Front	19 in. x 2.5 in. (482.6 mm x 57.15 mm)
Rear	17 in. x 4.5 in. (431.8 mm x 102.87 mm)
Brakes:	
Caliper Type	4-piston front and rear
Rotor Type (diameter x width):	Patented, uniform expansion rotors
Front (single floating)	11.81 in. x .20 in. (300 mm x 5.08 mm)
Rear	11.5 in. x .23 in. (292.1 mm x 5.84 mm)
Suspension Travel:	
Front Wheel	5.0 in. (127.0 mm)
Rear Wheel	4.1 in. (104.10 mm)

PERFORMANCE

Engine Torque (per SAE J607) ⁷ :	
North America	85 ft. lbs. @ 3000 rpm (115 NM @ 3000 rpm)
Lean Angle (per SAE J1168):	
Right	30.5°
Left	31°
MPG (EPA urban/highway test) ⁸	44/50 mpg (5.3/4.7 L/100 km)

ELECTRIC

Battery	Sealed, maintenance-free, 12V, 19-amp/hour, 270 cca (per Battery Council International Rating)
Charging	Single-phase, 45-amp system (559W @ 13V, 2000 rpm, 599W max power @ 13V)
Starting	1.2 kW electric w/solenoid shift starter motor engagement
Lights (as per country regulation):	
Headlamp (quartz halogen)	55-watt low beam, 60-watt high beam
Tail/Stop Lights	8W/28W (5W/21W)
Turn Signal Lights	28W (21W) self-canceling
Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, security system ⁹ (optional)
Electrical Power Outlet	Standard

STYLING/CONVENIENCE

Engine Trim	Black powder-coated w/wrinkle-black treatment
Exhaust System	Chrome, staggered shorty duals
Oil tank	Under transmission
Front Fender	Sport style w/painted brace
Rear Fender	Sport wrap-around w/chrome supports
Brake and Shift Lever	Mid-mount controls
Handlebars	Stainless steel, mini ape-hanger
Rider Foot Controls	Footpegs
Seat	Solo
Instruments	Electronic speedometer w/odometer and resettable tripmeter, diagnostic readout, fuel gauge
Fork Lock	Barrel key on steering head; key common w/ignition
Hazard Warning	Integrated into turn signal controls

COLORS⁹

Vivid Black, Black Cherry Pearl, Deep Cobalt Pearl, Black Denim¹⁰

WARRANTY

Warranty ¹¹	24 months (unlimited mileage)
Service Interval	First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter ¹²

¹ Harley-Davidson reserves the right to discontinue models or change specifications at any time without incurring any obligations. Vehicle specifications may vary from country to country depending on local laws. Some models are not available in certain countries.

² Measurement reflects **180 lb.** (81.7 kg) operator weight.

³ Includes reserve on carburetor-equipped models.

⁴ Recommended 91 octane or higher fuel (R+M)/2 (87 octane or higher for XL883 models).

⁵ Standard and optional wheels may vary by country and region.

⁶ Values shown are nominal. Performance varies by country.

⁷ Based on tests conducted under ideal lab conditions per U.S. EPA test procedures. Your mileage will vary depending on your personal riding habits, weather conditions, trip length, vehicle conditions, and vehicle configuration. Break-in mileage will vary.

⁸ North American security system includes immobilizer; outside North America the security system includes immobilizer and siren.

⁹ Availability may vary from dealer to dealer, and is subject to change without notice.

¹⁰ The FXDBI Street Bob™ and VRSCD Night Rod™ motorcycles are the only 2006 models finished in Black Denim. This finish has qualities which differ from high gloss finishes on all other Harley-Davidson® motorcycles. Like denim fabric, Black Denim paint will burnish or mar with age and use, thus adding character and personality to the finish of the motorcycle. If scratched, the color coat of paint does nick/scuff and these marks cannot be rubbed out. If polished, the finish will become glossier and less flat (or matte) over time. Please see your owner's manual for details on the finish and its care.

¹¹ See motorcycle owner's manual for complete details.

¹² Inspections of certain systems and components are required at **2,500 mile** (4,000 km) intervals.