2016

FAT BOB®

FXDF

A Beast with Big Power and Unmistakable Attitude

Model shown in HDI configuration.

The vehicle models, configurations, options, and accessories pictured or otherwise described in this reference guide may not be available in all countries.



Markets: APC, AUS, BRZ, MEX, ENG, HDI, IND, JPN

2016 FAT BOB®

FXDF

MODEL OVERVIEW

MODEL OVERVIEW

There's nothing shy about the Fat Bob® motorcycle. Truly fat from start to finish, the Dark Custom™ bike features a 130 mm-wide front tire with a gnarly, robust tread pattern. This oversized beast tears up the road with muscular hotrod styling, big power, and an aggressive riding position that commands respect.

NEW IN 2016

- Paint color options

MODEL UNIQUE FEATURES

Style

- Blacked-out finishes, front to back
  - Black Aluminum Slotted Disc wheels with laser-engraved graphics
  - Black aluminum triple clamps
  - Black headlight trim ring
  - Black rear shock covers
  - Black battery box cover
- Black powder-coated engine with polished highlights
- Black, low-profile tank console with 12.7 cm gauge and integral ignition switch
- Chrome, "Tommy Gun" 2-1-2 collector exhaust with dual blunt-cut mufflers
- Twin chrome headlamps
- Sport front fender with painted brace supports
- Slash-cut rear fender with chrome supports and dual ring LED tail lamp

MODEL UNIQUE FEATURES *(continued)*

Fit

- Ergonomically designed, slim, sculpted seat
- Forward-mounted foot controls; standard passenger footpegs
- Internally-wired 3.175 cm drag handlebar
- Two-up seat

Function

- Tank-mounted electronic speedometer with odometer, time-of-day clock on odometer, dual tripmeter, RPM/gear display, fuel gauge with low-fuel warning light and countdown feature, low oil pressure indicator light, engine diagnostics readout, LED indicator lights, 6-speed indicator light
- Start, engine cutoff, left/right turn signals, horn, hi/low beam with flash-to-pass hand controls
- Self-canceling turn signal controls with integrated hazard warning
- Barrel key, tank console-mounted ignition; fork lock common with ignition key
- 16-inch wheels, front and rear
- High-performance, covered, coil over rear shocks

Performance

- Blacked-out, Rubber-mounted, Air-cooled, 1690 cc Twin Cam 103™ engine
- 6-Speed Cruise Drive® transmission
- Electronic Sequential Port Fuel Injection (ESPFI) with heated O2 sensors
- Anti-lock Braking System (ABS)[1], standard

AVAILABLE OPTIONS

- Anti-lock Braking System (ABS)[1]
- Smart Security System[2] with proximity-based, hands-free security fob (factory installed option)
- Engine Idle Temperature Management Strategy (EITMS) (dealer-activated option)

[1] Harley-Davidson's independent Anti-lock Braking System is designed to help you maintain control during braking events, especially those that happen in less than optimum conditions. Engineering and styling worked together to make sure the system is not only designed and carefully tested to work superbly, but that it is also engineered not to interfere with style.

[2] North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

2016

FAT BOB®

FXDF

MODEL SPECIFICATIONS[1]

Specifications apply to all available markets unless noted.

DIMENSIONS

Length	**2400 mm** (94.5 in.)
Overall Width	**890 mm** (35 in.)
Overall Height	**1135 mm** (44.7 in.)
Seat Height *(unladen)*	**690 mm** (27.2 in.)
Ground Clearance	**125 mm** (4.9 in.)
Rake *(steering head)*	29°
Fork Angle	28°
Trail	**125 mm** (4.9 in.)
Wheelbase	**1620 mm** (63.8 in.)
Tires *(Dunlop® Harley-Davidson® Series, bias blackwall front and rear)*:	
• Front – D427F	130/90B16 67H
• Rear – D427	180/70B16 77H
Fuel Capacity *(warning light at approximately 3.4 L)*	**18.9 L** (5 gal.)
Oil Capacity *(w/filter)*	**2.8 L** (3 qts.)
Transmission Capacity	**.95 L** (1 qt.)
Primary Chain Case Capacity	**.95 L** (1 qt.)
Weight:	
• As Shipped	**306 kg** (675 lbs.)
• In Running Order	**321 kg** (708 lbs.)
• Gross Vehicle Weight Rating	**492 kg** (1085 lbs.)
• Gross Axle Weight Rating:	
• Front	**177 kg** (390 lbs.)
• Rear	**315 kg** (695 lbs.)

ENGINE

Engine	Air-cooled, Twin Cam 103™
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	**98.4 mm x 111.1 mm** (3.87 in. x 4.38 in.)
Displacement	**1690 cc** (103.1 cu. in.)
Compression Ratio	9.6:1
Fuel System[2]	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Fiberglass media, washable, Ventilator intake with fiberglass media, washable exposed element with rain sock
Lubrication System	Pressurised, dry-sump

DRIVETRAIN

Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Multi-plate, wet
Transmission	6-Speed Cruise Drive®
Gear Ratios *(overall)*:	
• 1st	**9.311**
• 2nd	**6.454**
• 3rd	**4.793**
• 4th	**3.882**
• 5th	**3.307**
• 6th	**2.79**

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 Forks	49 mm with polished aluminum fork triple clamp and dual-rate springs
Rear Shocks	Fully covered, coil-over shock
Wheels[3]:	Gloss Black Cast Aluminum Wheel with laser etched graphics
• Front	**16 in. x 3 in.** (406 mm x 76 mm)
• Rear	**16 in. x 5 in.** (406 mm x 127 mm)
Brakes:	
• Caliper Type	4-piston fixed front, and 2-piston torque-free floating rear
• Rotor Type *(diameter x width)*:	Patented, uniform expansion rotors (floating, front only)
• Front *(dual floating)*	**300 mm x 5.1 mm** (11.8 in. x 0.2 in.)
• Rear	**292 mm x 5.8 mm** (11.5 in. x 0.23 in.)
• Anti-lock Braking System	Standard
Suspension Travel:	
• Front Wheel	**127 mm** (5 in.)
• Rear Wheel	**55 mm** (2.13 in.)

PERFORMANCE

Engine Torque[4]:	
• AUS *(per EEC/95/1)*	**131 Nm** (96.6 ft-lb) **@ 3500 RPM**
Lean Angle *(per J1168)*:	
• Right	30°
• Left	31°
Fuel Economy[5] *(EPA urban/highway test)*	**5.6 L/100 km** (42 mpg)

ELECTRIC

Battery *(per Battery Council International Rating)*	Sealed, maintenance-free, 12V, 19-amp/hour, 270 cca
Charging	Three-phase, 40-amp system *(493W @ 13.5V, 2000 RPM, 540W max power @ 13.5V)*
Starting	1.2 kW electric with solenoid shift starter motor engagement
Lights *(as per country regulation)*:	
• Headlamp *(Dual Quartz Halogen)*	55-watt low beam, 60-watt high beam
• Tail/Stop Lights	Integrated LED
• Indicator Lamps	High beam, directional light bar, neutral, low oil pressure, engine diagnostics, turn signals, security system[6], *(optional - AUS)*, 6-speed, low fuel warnings, ABS
• Electric Power Outlet	Standard

WARRANTY

Warranty	24 months *(unlimited mileage)*
Service Interval[7]	First **1600 km** (1000 miles), every **8000 km** (5000 miles) thereafter

[1] Vehicles depicted may differ from vehicles manufactured and delivered. Specifications and prices listed may differ from specifications and prices of vehicles manufactured and delivered. All product descriptions (including depictions, specifications, dimensions, measurements, ratings and competitive comparisons) are based on available information at the time of publication. Although such descriptions are believed correct, errors and changes can occur and complete accuracy cannot be guaranteed. Harley-Davidson may make changes at any time to prices and specifications, and may change or discontinue models, without notice and without incurring any obligation. Attention: Vehicles in the configurations shown and many of the accessories described in this catalog may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information. All models feature 6-speed transmission (V-Rod® models and Sportster® models are 5-speed) and carbon fiber belt final drive; multi-plate clutch with diaphragm spring in oil bath; and 2-year unlimited mileage warranty.

[2] Recommended 91 octane or higher fuel (R+M)/2.

[3] Standard and optional wheels may vary by country and region.

[4] Values shown are nominal. Performance may vary by country and region.

[5] The combined fuel economy numbers were derived using a combination of estimated city and highway values. Fuel economy estimates are derived from US EPA exhaust emission certification data on a sample motorcycle from the corresponding family under ideal laboratory conditions. Your actual fuel economy will vary depending on your personal riding habits, road and driving conditions, vehicle condition and maintenance, tire pressure, vehicle configuration (parts and accessories), and vehicle loading (cargo, rider and passenger weight). Break-in mileage may vary.

[6] North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

[7] Inspections of certain systems and components are required at 4000 km (2500 mile) intervals. See Owner's Manual for full details.

2016 FAT BOB®
FXDF
COLORS/CALLOUTS

SOLIDS

Vivid Black
Black Denim *(shown)*
NEW Velocity Red Sunglo
NEW Olive Gold

* Availability of colors may vary from dealer to dealer, and is subject to change without notice.

Model shown in Domestic configuration.

