



SOFTAIL

BREAKOUT® FXSB

Custom Styling in a Long, Low Silhouette

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, ENG, HDI, IND, JPN



SOFTAIL

BREAKOUT® MODEL OVERVIEW FXSB

NEW IN 2017

- Gloss Black Turbine wheels with Machined Highlights
- Battery tender harness
- Paint color options including Custom paint and Hard Candy Custom™ color

MODEL UNIQUE FEATURES

Style

- Long wheelbase with premium fit and finishes throughout
- Low-slung profile with wide, powerful stance
- Gloss Black Turbine wheels with Machined Highlights, 21-inch 130 mm front tire, 18-inch 240 mm rear tire
- Chopped fenders
- Wide, thick front forks
- Clean tank console with riser-mounted speedometer
- Air cleaner cover with High Output 103 badging
- Wide drag-style 31.75 mm handlebar
- Low seat height
- Premium black and chrome engine
- Side-mounted license plate
- Minimal 3-in-1 stop/turn/tail lights
- Premium paint and graphics with unique fuel tank medallion

Fit

- Two-piece, two-up seat with removable rear pillion for riding solo or with passenger
- Low, wide drag-style handlebar
- Forward-mounted foot controls

MODEL UNIQUE FEATURES *(continued)*

Function

- Electronic throttle control
- Electronic cruise control, standard
- Riser-mounted speedometer with RPM/gear display, fuel gauge

Performance

- Rigid-mounted, Air-cooled, 1690 cc High Output Twin Cam 103B™ counter-balanced engine with Automatic Compression Release (ACR)
- 6-Speed Cruise Drive® transmission
- Anti-lock Braking System (ABS)¹, standard
- Smart Security System² with proximity-based, hands-free security fob, standard

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. ABS is standard on all 2017 Softail® motorcycles.

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



BREAKOUT®

MODEL SPECIFICATIONS¹ FXSB

Specifications apply to all available markets unless noted.

DIMENSIONS	
Length	2385 mm (93.8 in.)
Overall Width	945 mm (37.2 in.)
Overall Height	1040 mm (40.9 in.)
Seat Height <i>(unladen)</i>	650 mm (25.5 in.)
Ground Clearance	120 mm (4.7 in.)
Rake <i>(steering head)</i>	35°
Fork Angle	37°
Trail	146 mm (5.7 in.)
Wheelbase	1710 mm (67.3 in.)
Tires <i>(Dunlop® Harley-Davidson® Series, bias blackwall front and radial blackwall rear):</i>	
• Front – D408F	130/60B21 63H
• Rear – D407	240/40R18 79V
Fuel Capacity	18.9 L (5 gal.) <i>(warning light at approximately 3.8 L)</i>
Oil Capacity <i>(w/filter)</i>	3.3 L (3.5 qt.)
Transmission Capacity	.95 L (1 qt.)
Primary Chain Case Capacity	.95 L (1 qt.)
Weight:	
• As Shipped	310 kg (683 lb.)
• In Running Order	320 kg (705 lb.)
• Gross Vehicle Weight Rating	533 kg (1175 lb.)
• Gross Axle Weight Rating:	
• Front	188 kg (415 lb.)
• Rear	345 kg (760 lb.)
ENGINE	
Engine	Air-Cooled, High Output Twin Cam 103B™
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 4.374 in.)
Displacement	1690 cc (103.1 cu. in.), 1689 cc (103 cu. in.) <i>(JPN)</i>
Compression Ratio	9.7:1
Fuel System ²	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Lubrication System	Pressurized, 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 <i>(overall):</i>	
• 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, round tube sections, forged junctions; MIG welded
Front Forks	49 mm telescopic
Rear Shocks	Hidden, horizontal-mounted, coil-over
Wheels ³ :	Gloss Black Turbine with machine highlights
• Front	21 in. x 3.5 in. (533 mm x 88.9 mm)
• Rear	18 in. x 8 in. (457 mm x 203 mm)
Brakes:	
• Caliper Type	4-piston fixed front; 2-piston floating rear
• Rotor Type <i>(diameter x width):</i>	Black, Split 7-spoke floating rotors
• Front	300 mm x 5 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	117 mm (4.6 in.)
• Rear Wheel	92 mm (3.6 in.)

PERFORMANCE	
Engine Torque ⁴ :	
• HDI <i>(per EC 134/2014)</i>	125 Nm (92.1 ft-lb) @ 3000 RPM
• APC <i>(per EEC/95/1)</i>	118 Nm (87 ft-lb) @ 2750 RPM
• AUS <i>(per EC 134/2014)</i>	133 Nm (95.8 ft-lb) @ 2750 RPM
• BRZ <i>(per EEC/95/1)</i>	115 Nm (84.8 ft-lb) @ 2750 RPM
• IND <i>(per EC 134/2014)</i>	124 Nm (91.5 ft-lb) @ 2500 RPM

PERFORMANCE <i>(continued)</i>	
Lean Angle <i>(per J1168):</i>	
• Right	23.4°
• Left	23.4°
Fuel Economy ⁵ <i>(EPA urban/highway test)</i>	5.6 L/100 km (42 mpg)

ELECTRIC	
Battery <i>(per Battery Council International Rating)</i>	Sealed, maintenance-free, 12V, 19-amp/hour, 315 cca
Charging	Three-phase, 38-amp system (439W @ 13V, 2000 RPM, 489W max power @ 13V)
Starting	1.2 kW electric with solenoid shift starter motor engagement
Lights <i>(as per country regulation):</i>	
• Headlamp <i>(Quartz Halogen)</i>	55-watt low beam, 60-watt high beam
• Tail/Stop Lights	LED combination Stop/Tail/Turn <i>(HDI)</i>
• Front Signal Lights	Incandescent self-canceling <i>(HDI)</i>
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, security system ⁶ (AUS, BRZ, IND) <i>(optional - HDI, APC, ENG; N/A JPN)</i> , 6-speed, low fuel warning, low battery, ABS

WARRANTY	
Warranty	24 months <i>(unlimited mileage)</i>
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.



SOFTAIL

BREAKOUT®

COLORS/CALLOUTS FXSB

SOLIDS

- Vivid Black
- Charcoal Denim
- Velocity Red Sunglo** *(shown)*
- NEW** Crushed Ice Denim

CUSTOM

- NEW** Laguna Orange

HARD CANDY CUSTOM™ COLORS¹

- NEW** Hard Candy Hot Rod Red Flake

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

¹ Limited availability. See your dealer for details and available colors.

Model shown in Domestic configuration.

