

2 BREAKOUT® 6

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, MEX, ENG, HDI, IND, JPN

BREAKOUT®

FXSB

MODEL OVERVIEW



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The Breakout® model is inspired by the classic Gasser drag cars of the '50s and '60s. Its flawless stretched styling, a fat rear tire and crowd-stopping finishes coupled with drag bars, a low-slung stance, and raw engine power make the Breakout® model the around-town, custom motorcycle riders want in their garages.

NEW IN 2016

- High Output Twin Cam 103B™ engine
- Newly designed air cleaner cover with High Output 103 badging
- Electronic throttle control system for enabled cruise control
- Bold, graphic refresh
- Paint color options including Hard Candy Custom™ color

MODEL UNIQUE FEATURES

Style

- Long wheelbase with premium fit and finishes throughout
- Low-slung profile with wide, powerful stance
- Classic Gasser Cast Aluminum wheels, 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
- 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
- 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

AVAILABLE OPTIONS

- Electronic cruise control
- Smart Security System² with proximity-based, hands-free security fob (factory installed 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. ABS is standard on all 2016 Softail® motorcycles.

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

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MODEL SPECIFICATIONS¹



Specifications apply to all available markets unless noted.

DIMENSIONS

Length	2445 mm (96.3 in.)
Overall Width	915 mm (36 in.)
Overall Height	1040 mm (40.9 in.)
Seat Height <i>(unladen)</i>	660 mm (26 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 qts.)
Transmission Capacity	.95 L (1 qt.)
Primary Chain Case Capacity	.95 L (1 qt.)
Weight:	
• As Shipped	309 kg (681 lbs.)
• In Running Order	322 kg (710 lbs.)
• Gross Vehicle Weight Rating	533 kg (1175 lbs.)
• Gross Axle Weight Rating:	
• Front	188 kg (415 lbs.)
• Rear	345 kg (760 lbs.)

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.)
Compression Ratio	9.6:1
Fuel System²	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
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 <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
Wheels³:	Gasser Cast Aluminum
• 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 Torque⁴:	
• AUS <i>(per EEC/95/1)</i>	130 Nm (95.8 ft-lb) @ 2750 RPM
Lean Angle <i>(per J1168):</i>	
• Right	23.4°
• Left	23.4°
Fuel Economy⁵ <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 <i>(439W @ 13V, 2000 RPM, 489W max power @ 13V)</i>
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	N/A
• Front Signal Lights	N/A
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, security system⁶, 6-speed, low fuel warning, low battery, ABS

WARRANTY

Warranty	24 months <i>(unlimited mileage)</i>
Service Interval⁷	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 BREAKOUT® FXSB COLORS/CALLOUTS



SOLIDS

Vivid Black

NEW Charcoal Denim

NEW Billet Silver

NEW Crushed Ice Pearl

NEW Velocity Red Sunglo *(shown)*

HARD CANDY CUSTOM™ COLORS¹

NEW Hard Candy Black Gold 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.

