

BREAKOUT<sup>®</sup>MODEL SPECIFICATIONS<sup>1</sup>

DIMENSIONS	
Length	<b>96.3 in.</b> (2445 mm)
Overall Width	<b>36 in.</b> (915 mm)
Overall Height	<b>40.9 in.</b> (1040 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>24.7 in.</b> (627 mm)
• Unladen	<b>26 in.</b> (660 mm)
Ground Clearance	<b>4.7 in.</b> (120 mm)
Rake (steering head)	<b>35 °</b>
Fork Angle	<b>37°</b>
Trail	<b>5.7 in.</b> (146 mm)
Wheelbase	<b>67.3 in.</b> (1710 mm)
Tires (Dunlop <sup>®</sup> Harley-Davidson <sup>®</sup> Series, bias blackwall front and radial blackwall rear):	
• Front – D408F	130/60B21 63H
• Rear – D407	240/40R18 79V
Fuel Capacity	<b>5 gal.</b> (18.9 L)
(warning light at approximately 1.0 gal.)	
Oil Capacity (w/filter)	<b>3.5 qts.</b> (3.3 L)
Transmission Capacity	<b>1 qt.</b> (.95 L)
Primary Chain Case Capacity	<b>1 qt.</b> (.95 L)
Weight:	
• As Shipped	<b>672 lbs.</b> (305 kg)
• In Running Order	<b>710 lbs.</b> (322 kg)
• Gross Vehicle Weight Rating	<b>1175 lbs.</b> (533 kg)
• Gross Axle Weight Rating:	
• Front	<b>415 lbs.</b> (188 kg)
• Rear	<b>760 lbs.</b> (345 kg)
ENGINE	
Engine	Air-cooled, Twin Cam 103B <sup>TM</sup>
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	<b>3.87 in. x 4.374 in.</b> (98.4 mm x 111.1 mm)
Displacement	<b>103.1 cu. in.</b> (1690 cc)
Compression Ratio	9.6:1
Fuel System <sup>3</sup>	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 <sup>®</sup>
Gear Ratios (overall):	<b>U.S.</b>
• 1st	<b>9.311</b>
• 2nd	<b>6.454</b>
• 3rd	<b>4.793</b>
• 4th	<b>3.882</b>
• 5th	<b>3.307</b>
• 6th	<b>2.79</b>
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:	Gasser, Cast Aluminum
• Front	<b>21 in. x 3.5 in.</b> (533 mm x 88.9 mm)
• Rear	<b>18 in. x 8 in.</b> (457 mm x 203 mm)
Brakes:	
• Caliper Type	4-piston fixed front; 2-piston floating rear
• Rotor Type (diameter x width):	Single, floating Turbine <sup>TM</sup> rotor
• Front	<b>11.5 in. x .2 in.</b> (292 mm x 5.1 mm)
• Rear	<b>11.5 in. x .23 in.</b> (292 mm x 5.8 mm)
• Anti-lock Braking System	Standard
Suspension Travel:	
• Front Wheel	<b>4.6 in.</b> (117 mm)
• Rear Wheel	<b>3.1 in.</b> (79 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>95.2 ft. lbs. @ 3000 RPM</b> (129 Nm @ 3000 RPM)
Lean Angle (per J1168):	
• Right	<b>23.4°</b>
• Left	<b>23.4°</b>
Fuel Economy <sup>6</sup> (EPA urban/highway test)	<b>42 mpg</b> (5.6 L/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 19-amp/hour, 270 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 (as per country regulation):	
• Headlamp (quartz halogen)	55-watt low beam, 60-watt high beam
• Turn Signal Lights	28W self-canceling
• Rear Tail/Stop/Turn Signal Lights	8W/28W self-canceling
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, security system <sup>7</sup> (optional), 6-speed, low fuel warnings
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First <b>1000 miles</b> (1600 km), every <b>5000 miles</b> (8000 km) thereafter

<sup>1</sup> 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<sup>®</sup> models and Sportster<sup>®</sup> 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.

<sup>2</sup> Measurement reflects **180 lb.** (81.7 kg) operator weight.

<sup>3</sup> Recommended 91 octane or higher fuel (R+M)/2.

<sup>4</sup> Standard and optional wheels may vary by country and region.

<sup>5</sup> Values shown are nominal. Performance may vary by country and region.

<sup>6</sup> 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.

<sup>7</sup> North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

<sup>8</sup> See motorcycle owner's manual for complete details.

<sup>9</sup> Inspections of certain systems and components are required at 2,500 mile (4,000 km) intervals.

See Owner's Manual for full details.