NEW FORTY-EIGHT®

XL 1200X

Bare Bones Low-slung Urban Brawler, with Fat Rubber and Peanut Tank

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

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MODEL OVERVIEW

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A low-slung urban brawler, the newly styled Forty-Eight® motorcycle drips attitude from every element. Thanks to its bold new front end, burly Dark Custom™ styling, and big comfort improvements, the muscular Forty-Eight® model is initiating an all-out urban assault.

NEW IN 2016

- Emulsion technology rear shocks with 50 mm range of pre-load adjustability and an under-seat, rear shock suspension adjustment wrench
- Front forks with cartridge dampening technology
- Fork brace and massive triple clamps
- Optimised seat design for all-day comfort, minimalist style
- Split 9-Spoke Cast Aluminum wheels in gloss black with Machined highlights
- Open design sprocket
- Blacked-out belt guard
- Turn signal mounts off upper triple
- Chrome exhaust shields with unique cutouts to show off blacked-out mufflers
- Paint color options including Hard Candy Custom™ color
- Retro-mod tank graphics

MODEL UNIQUE FEATURES

Style

- Blacked-out engine with polished treatment covers
- Chrome, staggered shorty exhaust with dual slash-cut mufflers
- Low-profile front end with custom drag-style handlebar, slammed speedo and under-bar mounted mirrors
- 7.9L Peanut Tank with lightening-hole mounting bracket
- Wide front tire
- Wide front forks and triple clamps
- Chopped front fender with fork brace lightening holes
- Chopped rear fender
- Blacked-out look
- Tank graphic
- Combined stop/turn/tail lights
- Hard Candy Custom™ paint color options

Fit

- Low-rise handlebar
- Low, solo seat
- 710 mm seat height
- Forward-mounted foot controls
- Lowered front and rear suspension

Function

- Integrated electrical system with trip switch, start switch
- 101.6 mm Speedometer mounted low and integrated into handlebar clamp
  - Electronic speedometer with odometer, time-of-day clock on odometer, dual tripmeter, LED indicator lights, gear indicator (1-5), and RPMs

MODEL UNIQUE FEATURES *(continued)*

Function *(continued)*

- Hazard warning integrated into self-canceling turn signal controls
- Blade key ignition; fork lock common with ignition key
- Michelin® Scorcher® tires designed specifically for Sportster® models
- Closed loop exhaust system meets worldwide emission standards

Performance

- Rubber-mounted, Air-cooled 1202 cc Evolution® engine
- Electronic Sequential Port Fuel Injection (ESPFI) with O2 sensors
- 5-speed transmission
- Confidence-inspiring braking performance

NEW IN 2015

- Paint color options including Hard Candy Custom™ colors

AVAILABLE OPTIONS

- Anti-lock Braking System (ABS)[1] (factory installed option)
- Smart Security System[2] with hands-free, proximity based security fob and keyless ignition (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 an option on all 2016 Sportster® models.

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

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MODEL SPECIFICATIONS[1]

Specifications apply to all available markets unless noted.

DIMENSIONS

Length	**2210 mm** (87 in.)
Overall Width	**845 mm** (33.3 in.)
Overall Height	**1085 mm** (42.7 in.)
Seat Height *(unladen)*	**710 mm** (28 in.)
Ground Clearance	**110 mm** (4.3 in.)
Rake *(steering head)*	29.6°
Fork Angle	28.1°
Trail	**132 mm** (5.2 in.)
Wheelbase	**1495 mm** (59 in.)
Tires *(Michelin® Scorcher® "31" front and rear)*:	
• Front – Scorcher® "31"	130/90B16 73H
• Rear – Scorcher® "31"	150/80B16 77H
Fuel Capacity *(warning light at approximately 2.5 L)*	**7.9 L** (2.1 gal.)
Oil Capacity *(w/filter)*	**2.6 L** (2.8 qts.)
Transmission Capacity	**1 L** (1 qt.)
Weight:	
• As Shipped	**247 kg** (545 lbs.)
• In Running Order	**252 kg** (556 lbs.)
• Gross Vehicle Weight Rating	**454 kg** (1000 lbs.)
• Gross Axle Weight Rating	
• Front	**152 kg** (335 lbs.)
• Rear	**302 kg** (665 lbs.)

ENGINE

Engine	Air-cooled, Evolution®
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	**88.9 mm x 96.8 mm** (3.5 in. x 3.811 in.)
Displacement	**1202 cc** (73.4 cu. in.)
Compression Ratio	10:1
Fuel System[2]	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Lubrication System	Dry-sump

DRIVETRAIN

Primary Drive	Chain, 38/57 ratio
Final Drive:	Belt, 30/68 ratio
Clutch	Multi-plate, wet
Transmission	5-speed
Gear Ratios *(overall)*:	
• 1st	**9.004**
• 2nd	**6.432**
• 3rd	**4.783**
• 4th	**3.965**
• 5th	**3.4**

CHASSIS

Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Forks	39 mm fork set, free valve right hand and cartridge style left hand
Rear Shocks	Variable rate spring over 36 mm piston nitrogen gas-charged emulsion style shock with thread style preload adjustment
Wheels[3]:	Black, Split 9-Spoke Cast Aluminum with Machined Highlights
• Front	**16 in. x 3 in.** (406 mm x 76 mm)
• Rear	**16 in. x 3 in.** (406 mm x 76 mm)
Brakes:	
• Caliper Type	Dual-piston front, dual-piston rear
• Rotor Type *(diameter x width)*:	Front floating, Rear uniform expansion rotor
• Front	**300 mm x 5 mm** (11.8 in. x 0.2 in.)
• Rear	**260.1 mm x 7.1 mm** (10.24 in. x 0.28 in.)
• Anti-lock Braking System	Optional
Suspension Travel:	
• Front Wheel	**92 mm** (3.6 in.)
• Rear Wheel	**54 mm** (2.12 in.)

PERFORMANCE

Engine Torque[4]:	
• AUS *(per EEC/95/1)*	**97 Nm** (71.5 ft-lb) **@ 3250 RPM**
Lean Angle *(per J1168)*:	
• Right	27.1°
• Left	27.1°
Fuel Economy[5] *(EPA urban/highway test)*	**4.9 L/100 km** (48 mpg)

ELECTRIC

Battery *(per Battery Council International Rating)*	Sealed, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system *(357W @ 13.5V, 2000 RPM, 405W max power @ 13.5V)*
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
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system[6] *(optional - AUS)*, ABS

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.

NEW FORTY-EIGHT®
XL 1200X
COLORS/CALLOUTS

SOLIDS
Vivid Black
NEW Billet Silver
NEW **Velocity Red Sunglo** *(shown)*
NEW Olive Gold

HARD CANDY CUSTOM™ COLORS[1]
Hard Candy Cancun Blue Flake
NEW Hard Candy 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.

