

SPORTSTER® 1200 CUSTOM

XL 1200C



The Ultimate Wide-shouldered Cruiser, Featuring Optional H-DI™ Factory Customization

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, MEX, ENG, HDI, IND, JPN

SPORTSTER® 1200 CUSTOM

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MODEL OVERVIEW



MODEL OVERVIEW

The 1200 Custom motorcycle combines all the agility and kick of a Sportster® model with the big, fat attitude of a custom cruiser. With the H-D1™ Factory Customisation process, customers can personalize their 1200 Custom straight from the factory.

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
- Optimised seat design for all-day comfort, minimalist style
- Paint color option

MODEL UNIQUE FEATURES

Style

- Black powder-coated engine with chrome treatment covers
- Chrome, staggered exhaust with slash-cut mufflers
- Steel Laced wheels
- Fat front-end design
- Chrome headlamp bucket
- Chrome headlight eyebrow
- Stylized LED taillight
- Two-up custom seat
- Wide, polished triple clamps

MODEL UNIQUE FEATURES *(continued)*

Fit

- Pull-back handlebar
- Forward-mounted rider foot controls
- Two-up custom seat

Function

- Integrated electrical system with trip switch, start switch
- Handlebar-mounted electronic speedometer with odometer, time-of-day clock on odometer, dual tripmeter, low fuel warning light, low oil pressure light, engine diagnostics readout, LED indicator lights, gear indicator (1-5), and RPMs
- Hazard warning integrated into self-canceling turn signal controls
- Blade key ignition; fork lock common with ignition key
- Michelin® Scorcher® “31” 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
- Front suspension and geometry tuned for competent handling
- Confidence-inspiring braking performance
- Anti-lock Braking System (ABS)¹, standard

AVAILABLE OPTIONS

- Smart Security System² with hands-free, proximity based security fob and keyless ignition (factory installed option)
- H-D1™ Factory Customisation options available (Availability depends on market):
 - Seat
 - Handlebar
 - Wheels
 - Foot controls
 - Paint and graphics
 - Engine finish
- ABS and the Smart Security System are also available as options on H-D1™ models

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 SPECIFICATIONS¹



Specifications apply to all available markets unless noted.

| DIMENSIONS | |
|--|---|
| Length | 2225 mm (87.6 in.) |
| Overall Width | 840 mm (33.1 in.) |
| Overall Height | 1150 mm (45.3 in.) |
| Seat Height <i>(unladen)</i> | 725 mm (28.5 in.) |
| Ground Clearance | 105 mm (4.1 in.) |
| Rake <i>(steering head)</i> | 30° |
| Fork Angle | 30° |
| Trail | 107 mm (4.2 in.) |
| Wheelbase | 1530 mm (60.2 in.) |
| Tires <i>(Michelin® Scorcher® "31" front and rear)</i> : | |
| • Front – Scorcher® "31" | 130/90B16 73H |
| • Rear – Scorcher® "31" | 150/80B16 M/C 77H |
| Fuel Capacity | 17 L (4.5 gal.) |
| <i>(warning light at approximately 3.0 L)</i> | |
| Oil Capacity <i>(w/filter)</i> | 2.6 L (2.8 qts.) |
| Transmission Capacity | .95 L (1 qt.) |
| Weight: | |
| • As Shipped | 255 kg (562 lbs.) |
| • In Running Order | 268 kg (591 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 <i>(overall)</i> : | |
| • 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 |
| Rear Shocks | Dual Coil-Over; Threaded Preload Adjustment, Emulsion |
| Wheels ³ : | |
| • 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 | Solid, uniform expansion rotors |
| <i>(diameter x width)</i> : | |
| • Front | 300 mm x 5 mm (11.8 in. x 0.2 in.) |
| • Rear | 260 mm x 7 mm (10.24 in. x 0.28 in.) |
| • Anti-lock Braking System | Standard |
| Suspension Travel: | |
| • Front Wheel | 105 mm (4.12 in.) |
| • Rear Wheel | 54 mm (2.13 in.) |
| PERFORMANCE | |
| Engine Torque ⁴ : | |
| • AUS <i>(per EEC/95/1)</i> | 97 Nm (71.5 ft-lb) @ 3500 RPM |
| Lean Angle <i>(per J1168)</i> : | |
| • Right | 26.2° |
| • Left | 28.3° |
| Fuel Economy ⁵ | 4.9 L/100 km (48 mpg) |
| <i>(EPA urban/highway test)</i> | |

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

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COLORS/CALLOUTS



SOLIDS

Vivid Black

Charcoal Pearl

Superior Blue *(shown)*

PINSTRIPING

Med. Silver *(inside and outside)*

Black *(inside and outside)*

Blue *(inside)*, Med. Silver *(outside)*

TWO-TONES

Amber Whiskey/Vivid Black

Deep Jade Pearl/Vivid Black

NEW Mysterious Red Sunglo/Velocity Red Sunglo

PINSTRIPING

Med. Red *(inside)*, Pale Gold *(outside)*

Lt. Green *(inside)*, Pale Gold *(outside)*

Med. Red *(inside)*, Pale Gold *(outside)*

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

Model shown in Domestic configuration.

