

NEW ROADSTER™

XL 1200CX



Vintage Style and Aggressive Power that Shatters Tradition

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, ENG, HDI, JPN

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XL 1200CX

MODEL OVERVIEW



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With its upright, aggressive attitude, the new Harley-Davidson® Roadster™ motorcycle adds an exciting point of differentiation in the Sportster® lineup. It's agility and garage-built custom style captures the 60s spirit in an authentic ride that could only come from Harley-Davidson.

NEW IN 2016

- Premium emulsion technology rear shocks with screw style pre-load adjustment
- 43 mm inverted front forks with premium cartridge dampening technology and triple clamp design
- Optimised steering geometry for a responsive, confidence-inspiring ride
- Two-up seat with ribbed detail and minimalist styling
- Lightweight, Offset-Split 5-Spoke Cast Aluminum wheels; 19-inch front, 18-inch rear
- Lowered handlebar
- Extreme chopped rear fender with Integrated license plate bracket/rear lighting assembly
- Finned cast timer cover
- Custom tank graphics

MODEL UNIQUE FEATURES *(continued)*

Style

- Blacked-out powertrain with grey oval air cleaner
- Shorty-dual exhaust with chrome tapered mufflers and laser cut black heat shields
- 43 mm front fork with massive triple clamps
- Slammed drag-style handlebar and gauges
- Black headlamp bucket with chrome trim ring
- 12.5L "walnut" gas tank
- Black, top-mounted mirrors
- Integrated license plate bracket/rear lighting assembly

Fit

- Two-up seat optimised for maximum comfort
- Lowered handlebar
- Forward riding position with mid-mounted controls

Function

- Dual-disc front brakes with Anti-lock Braking System (ABS)¹
- 101.6 mm Dual speedometer/tachometer gauge, integrated into handlebar clamp
 - Includes digital odometer, clock, dual tripmeter, miles to empty, gear indicator (1-5), and analog RPM output
- Blade key ignition; fork lock common with ignition key
- Single, push button hazard warning
- 19-inch front, 18-inch rear cast aluminum wheels
- Dunlop® Harley-Davidson® Series radial blackwall tires designed specially for the XL1200XR to achieve excellent ride, handling and maneuverability performance
- Closed loop exhaust system meets worldwide emission standards

MODEL UNIQUE FEATURES *(continued)*

Performance

- Rubber-mounted, Air-cooled, 1200 cc Evolution® engine
- Electronic Sequential Port Fuel Injection (ESPFI) with heated O2 sensors
- 5-speed transmission
- Confidence-inspiring front-end geometry

AVAILABLE OPTIONS

- Smart Security System™ 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 SPECIFICATIONS¹



Specifications apply to all available markets unless noted.

| DIMENSIONS | |
|--|---|
| Length | 2185 mm (86 in.) |
| Overall Width | 840 mm (33.1 in.) |
| Overall Height | 1080 mm (42.5 in.) |
| Seat Height <i>(unladen)</i> | 785 mm (30.9 in.) |
| Ground Clearance | 150 mm (5.9 in.) |
| Rake <i>(steering head)</i> | 28.9° |
| Fork Angle | 27.4° |
| Trail | 140 mm (5.5 in.) |
| Wheelbase | 1505 mm (59.3 in.) |
| Tires <i>(Dunlop® Harley-Davidson® Series, radial blackwall front and rear):</i> | |
| • Front | 120/70R19 M/C |
| • Rear | 150/70R18 M/C |
| Fuel Capacity | 12.5 L (3.3 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 | 250 kg (551 lbs.) |
| • In Running Order | 259 kg (571 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 (73.3508 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 ⁶ | Belt, 29/68 ratio |
| Clutch | Multi-plate, wet |
| Transmission | 5-speed |
| Gear Ratios (overall): | |
| • 1st | 9.315 |
| • 2nd | 6.653 |
| • 3rd | 4.948 |
| • 4th | 4.102 |
| • 5th | 3.517 |

| CHASSIS | |
|---|---|
| Frame | Mild steel, tubular frame; circular sections; cast junctions |
| Swingarm | Mild steel, rectangular tube section, stamped junctions; MIG welded |
| Front Forks | 43 mm |
| Rear Shocks | Variable rate spring over 36 mm piston nitrogen gas-charged emulsion style shock with thread style preload adjustment |
| Wheels ³ : | |
| • Front | 19 in. x 3 in. (482.6 mm x 76 mm) |
| • Rear | 18 in. x 4.25 in. (457.2 mm x 108 mm) |
| Brakes: | |
| • Caliper Type | Dual-piston front, dual-piston rear |
| • Rotor Type <i>(diameter x width):</i> | Dual floating rotors (front). Rear uniform expansion rotor |
| • Front <i>(dual)</i> | 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 | 114 mm (4.5 in.) |
| • Rear Wheel | 81 mm (3.2 in.) |

| PERFORMANCE | |
|---|---|
| Engine Torque ⁴ : | |
| • ANZ <i>(per EEC/95/1)</i> | 98 Nm (72.3 ft-lb) @ 3750 RPM |
| Lean Angle <i>(per J1168):</i> | |
| • Right | 30.8° |
| • Left | 31.1° |
| Fuel Economy ⁵ <i>(EPA urban/highway test)</i> | 4.9 L/100 km (48 mpg) |

| 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>(375W @ 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 |
| • Indicator Lamps | High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system ⁶ <i>(optional - N/A JPN)</i> |

| 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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COLOURS/CALLOUTS



| SOLIDS | PINSTRIPING |
|---|----------------|
| Vivid Black | Charcoal Denim |
| Black Denim | Red |
| Velocity Red Sunglo <i>(shown)</i> | Red |

| TWO-TONES | PINSTRIPING |
|---------------------------|-------------|
| Billet Silver/Vivid Black | Burgundy |

* Availability of colours may vary from dealer to dealer, and is subject to change without notice.
 † Limited availability. See your dealer for details and available colours.

Model shown in Domestic configuration.

