

NEW ROADSTER™

XL 1200CX

Vintage Style and Aggressive Power that Shatters Tradition



CAN configuration featuring center-mounted traditional brake lamp, with a fender-mounted license plate. Red stop/tail turnsignals.



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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
- Optimized 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
- Finned cast timer cover
- Custom tank graphics

MODEL UNIQUE FEATURES *(continued)*

Style

- Blacked-out powertrain with gray 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
- 3.3 gal "walnut" gas tank
- Black, top-mounted mirrors
- Side-mounted license plate (U.S. configuration)

Fit

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

Function

- Dual-disc front brakes
- 4-inch 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

- Anti-lock Braking System (ABS)¹ (factory installed option)
- 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



DIMENSIONS	
Length	86 in. (2186 mm)
Overall Width	33.1 in. (841 mm)
Overall Height	42.6 in. (1082 mm)
Seat Height:	
• Laden ²	29.5 in. (749 mm)
• Unladen	30.9 in. (785 mm)
Ground Clearance	6 in. (152 mm)
Rake (steering head)	28.9°
Fork Angle	27.4°
Trail	5.5 in. (140 mm)
Wheelbase	59.3 in. (1505 mm)
Tires (Dunlop® Harley-Davidson® Series, radial blackwall front and rear):	
• Front – 12070R-19 M/C	120/70R19 M/C
• Rear – 15070R-18 M/C	150/70R18 M/C
Fuel Capacity	3.3 gal. (12.5 L)
(warning light at approximately 0.8 gal.)	
Oil Capacity (w/filter)	2.8 qts. (2.6 L)
Transmission Capacity	1 qt. (.95 L)
Weight:	
• As Shipped	549 lbs. (249 kg)
• In Running Order	568 lbs. (258 kg)
• Gross Vehicle Weight Rating	1000 lbs. (454 kg)
• Gross Axle Weight Rating	
• Front	335 lbs. (152 kg)
• Rear	665 lbs. (302 kg)
ENGINE	
Engine	Air-cooled, Evolution®
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	3.5 in. x 3.811 in. (88.9 mm x 96.8 mm)
Displacement	73.4 cu. in. (1202 cc)
Compression Ratio	10:1
Fuel System ³	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, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-speed
Gear Ratios (overall):	U.S.
• 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 inverted
Rear Shocks	Variable rate spring over 36 mm piston nitrogen gas-charged emulsion style shock with thread style preload adjustment
Wheels ⁴ :	Offset-Split 5-Spoke
• 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 (diameter x width):	Front floating, Rear uniform expansion rotor
• Front (dual floating)	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	10.24 in. x .28 in. (260 mm x 7 mm)
• Anti-lock Braking System	Optional
Suspension Travel:	
• Front Wheel	4.5 in. (115 mm)
• Rear Wheel	3.2 in. (81 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	76 ft. lbs. @ 3750 RPM (103 Nm @ 3750 RPM)
Lean Angle (per J1168):	
• Right	30.8°
• Left	31.1°
Fuel Economy ⁶ (EPA urban/highway test)	48 mpg (4.9 L/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system (375W @ 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 ⁷ (optional)
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) 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 Measurement reflects 180 lb. (81.7 kg) operator weight.

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

⁴ Standard and optional wheels may vary by country and region.

⁵ Values shown are nominal. Performance may vary by country and region.

⁶ 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.

⁷ North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

⁸ See motorcycle owner's manual for complete details.

⁹ Inspections of certain systems and components are required at 2,500 mile (4,000 km) intervals. See Owner's Manual for full details.

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COLORS/CALLOUTS



SOLIDS	PINSTRIPING
Vivid Black	Charcoal Denim
Black Denim	Red
Velocity Red Sunglow <i>(shown)</i>	Red

TWO-TONES	PINSTRIPING
Billet Silver/Vivid Black	Burgundy

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

