

2016 NEW IRON 883™ XL 883N

Blacked-Out, No Hassle, Back-Alley Bruiser



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

NEW IRON 883™

XL 883N

MODEL OVERVIEW



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The Iron 883™ motorcycle turns up the authentic premium Bobber style, urban practicality, and comfort. Visually refreshed, its new dark finishes are better equipped for the urban environment to let riders tear up the asphalt instead of washing paint and polishing chrome.

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
- Optimized solo seat design with filler components for all-day comfort and Bobber tuck and roll style
- Three paint color options selected for urban practicality and one Hard Candy Custom™ color
- Eagle and Iron Shield graphics
- Bullet-hole design details in exhaust header shield, blacked-out belt guard, and front fender trim
- Black, 9-Spoke Cast Aluminum wheels with Machined highlights, 19-inch front, 16-inch rear
- Blacked-out floating brake rotor
- Blacked-out, stamped, air cleaner cover
- Blacked-out mufflers and muffler shields

MODEL UNIQUE FEATURES

Style

- Black powder-coated powertrain with black covers
- Staggered shorty exhaust with dual mufflers
- Slammed appearance
- Old-school, drag-style handlebar
- Blacked-out covers, forks, wheels, headlamp and more
- Front fork gaiters
- Minimal front fender
- Chopped rear fender

Fit

- Slammed, drag-style handlebar
- Mid-mounted foot controls
- Low, one-piece, solo Sportster® forward seat
- Slammed rear suspension

Function

- Integrated electrical system with trip switch, start switch
- Handlebar-mounted electronic speedometer with odometer, time-of-day clock, 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® tires designed specifically for Sportster® models
- Closed loop exhaust system meets worldwide emission standards

MODEL UNIQUE FEATURES *(continued)*

Performance

- Rubber-mounted, Air-cooled, 883 cc Evolution® engine
- Electronic Sequential Port Fuel Injection (ESPFI) with O2 sensors
- 5-speed transmission
- Confidence-inspiring braking performance

AVAILABLE OPTIONS

- Anti-lock Braking System (ABS)¹ (factory installed option, except BRZ, JPN)
- Smart Security System² 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	2250 mm (88.9 in.), 2215 mm (87.2 in.) (JPN)
Overall Width	855 mm (33.7 in.), 850 mm (33.5 in.) (BRZ, JPN, MEX)
Overall Height	1140 mm (44.9 in.)
Seat Height (unladen)	775 mm (30.5 in.), 735 mm (28.9 in.) (BRZ, MEX)
Ground Clearance	140 mm (5.5 in.), 130 mm (5.1 in.) (JPN), 132 mm (5.2 in.) (BRZ, MEX)
Rake (steering head)	26°
Fork Angle	26°
Trail	117 mm (4.6 in.)
Wheelbase	1515 mm (59.6 in.)
Tires (Michelin® Scorcher® "31" front and rear):	
• Front – Scorcher® "31"	100/90B19 57H
• Rear – Scorcher® "31"	150/80B16 77H
Fuel Capacity	12.5 L (3.3 gal.) (warning light at approximately 3.0 L)
Oil Capacity (w/filter)	2.6 L (2.8 qts.)
Transmission Capacity	.95 L (1 qt.)
Weight:	
• As Shipped	247 kg (545 lbs.), 251 kg (553.3 lbs.) (BRZ), 245 kg (540 lbs.) (MEX) 256 kg (564 lbs.), 260 kg (573.2 lbs.) (BRZ), 255 kg (562 lbs.) (MEX)
• In Running Order	255 kg (562 lbs.) (MEX)
• 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	76.2 mm x 96.8 mm (3 in. x 3.811 in.)
Displacement	883 cc (53.9 cu. in.)
Compression Ratio	9:1
Fuel System ²	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Lubrication System	Dry-sump

DRIVETRAIN	
Primary Drive	Chain, 34/57 ratio
Final Drive ⁶	Belt, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-speed
Gear Ratios (overall):	
• 1st	10.41
• 2nd	7.436
• 3rd	5.531
• 4th	4.584
• 5th	3.931

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	Coil-over; preload dual-adjustable
Wheels:	Black, Split 9-Spoke Cast Aluminum with Machined Highlights
• Front	19 in. x 2.15 in. (483 mm x 55 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):	Solid, uniform expansion rotors
• 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 N/A (BRZ, JPN)
Suspension Travel:	
• Front Wheel	92 mm (3.6 in.)
• Rear Wheel	41 mm (1.6 in.)

PERFORMANCE	
Engine Torque ⁴ :	
• HDI (per EEC/95/1)	71 Nm (52.4 ft-lb) @ 3750 RPM
• APC (per EEC/95/1)	67 Nm (49.4 ft-lb) @ 4500 RPM
• AUS (per EEC/95/1)	72 Nm (53.1 ft-lb) @ 3500 RPM
• BRZ (per EEC/95/1)	68 Nm (50.2 ft-lb) @ 3750 RPM
• MEX (per J1349)	73 Nm (53.8 ft-lb) @ 3750 RPM
• IND (per EEC/95/1)	69 Nm (50.9 ft-lb) @ 3750 RPM
• JPN (per EEC/95/1)	65 Nm (47.9 ft-lb) @ 3749 RPM
Lean Angle (per J1168):	
• Right	29° (27° JPN, MEX)
• Left	30° (28° JPN, MEX)
Fuel Economy ⁵ (EPA urban/highway test)	4.6 L/100 km (51 mpg)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed lead acid, 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 ⁶ (optional - APC, AUS, BRZ, ENG, IND, MEX; N/A JPN), ABS (optional - HDI only)
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.

2016 **NEW IRON 883™**

XL 883N
COLORS/CALLOUTS



SOLIDS

- Black Denim** (shown)
- Charcoal Denim
- NEW** Olive Gold

HARD CANDY CUSTOM™ COLORS¹

- 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.

