

2 SUPERLOW® 6

XL 883L

Light Feeling. Easy Handling. Authentic Harley-Davidson



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: AUS, MEX, ENG, HDI, JPN, APC, IND

SUPERLOW®

XL 883L

MODEL OVERVIEW



MODEL OVERVIEW

The SuperLow® motorcycle is everything its name implies. Super low, yet comfortable seat that's easy to straddle. Super low center-of-gravity that inspires confidence and feels light off the side stand. Super low price point that makes owning one easy.

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 options and graphics including Custom paint and Hard Candy Custom™ paint colors

MODEL UNIQUE FEATURES

Style

- Silver powder-coated engine with polished treatment covers
- Chrome, staggered, shorty exhaust with dual mufflers
- Black, Split 5-Spoke wheels with Machined rims
- Low overall appearance
- Sport front fender and full-coverage rear fender with painted supports
- Polished headlamp visor
- Tear-drop tank

Fit

- Easy-grip handlebar
- Mid-mounted foot controls
- Solo, bucket-shaped seat with added foam and 705 mm seat height for rider confidence and extremely low straddle height

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
- 17L fuel tank for longer range and lower center-of-gravity
- Longer travel rear suspension tuned for comfort
- 18-inch front and 17-inch rear wheels for more confident slow-speed maneuverability
- Michelin® Scorcher® "11" 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
- Smooth acceleration off the line
- Confidence-inspiring front-end geometry
- Wide lock-to-lock steering angle
- Confidence-inspiring braking performance
- Anti-lock Braking System (ABS)¹, standard (except BRZ, IND option)

AVAILABLE OPTIONS

- 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	2225 mm (87.6 in.)
Overall Width	845 mm (33.3 in.)
Overall Height	1130 mm (44.5 in.)
Seat Height <i>(unladen)</i>	705 mm (27.8 in.)
Ground Clearance	100 mm (3.9 in.)
Rake <i>(steering head)</i>	31.1°
Fork Angle	29.6°
Trail	145 mm (5.7 in.)
Wheelbase	1500 mm (59.1 in.)
Tires <i>(Michelin® Scorcher® "11" front and rear):</i>	
• Front – Scorcher® "11F"	120/70 ZR-18 59W
• Rear – Scorcher® "11"	150/60 ZR-17 66W
Fuel Capacity	17 L (4.5 gal.) <i>(warning light at approximately 3.8 L)</i>
Oil Capacity <i>(w/filter)</i>	2.6 L (2.8 qts.)
Transmission Capacity	.95 L (1 qt.)
Weight:	
• As Shipped	247 kg (543 lbs.)
• In Running Order	258 kg (569 lbs.)
• Gross Vehicle Weight Rating	454 kg (1000 lbs.)
• Gross Axle Weight Rating	
• Front	154 kg (339 lbs.)
• Rear	300 kg (661 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 System²	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Lubrication System	Dry-sump

DRIVETRAIN

Primary Drive	Chain, 34/57 ratio
Final Drive	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	Dual Coil-Over; Threaded Preload Adjustment, Emulsion
Wheels³:	Black Split 5-Spoke with Machined Rim
• Front	18 in. x 3.5 in. (457 mm x 89 mm)
• Rear	17 in. x 4.5 in. (432 mm x 114 mm)
Brakes:	
• Caliper Type	Dual-piston front, dual-piston rear
• Rotor Type <i>(diameter x width):</i>	Solid, uniform expansion rotors
• Front	300 mm x 5 mm (11.8 in. x 0.2 in.)
• Rear	260 mm x 7.1 mm (10.2 in. x 0.28 in.)
• Anti-lock Braking System	Standard
Suspension Travel:	
• Front Wheel	105 mm (4.11 in.)
• Rear Wheel	54 mm (2.13 in.)

PERFORMANCE

Engine Torque⁴:	
• AUS <i>(per EEC/95/1)</i>	71 Nm (52.4 ft-lb) @ 3500 RPM
Lean Angle <i>(per J1168):</i>	
• Right	24.7°
• Left	24.4°
Fuel Economy⁵ <i>(EPA urban/highway test)</i>	4.6 L/100 km (51 mpg)

ELECTRIC

Battery <i>(per Battery Council International Rating)</i>	Sealed lead acid, 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
• Tail/Stop Lights	5W/21W per lamp
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system⁶ <i>(optional; N/A JPN)</i>

WARRANTY

Warranty	24 months <i>(unlimited mileage)</i>
Service Interval⁷	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 SUPERLOW[®]

XL 883L
COLORS/CALLOUTS



SOLIDS	PINSTRIPING
Vivid Black	Med. Silver
Superior Blue	Blue
NEW Velocity Red Sunglo	Med. Red

TWO-TONES	PINSTRIPING
NEW Crushed Ice Pearl/Frosted Teal Pearl (shown)	Gray

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

Model shown in Domestic configuration.

