



Make every day count

2008 Specifications¹ XL 883R Sportster[®] 883R

Dimensions

| | |
|---|----------|
| Length (mm)..... | 2245 |
| Seat Height (mm) ² | 714 |
| Ground Clearance (mm)..... | 141 |
| Rake at steering head (°) / Trail (mm)..... | 30 / 117 |
| Fork Angle..... | 30° |
| Wheelbase (mm)..... | 1520 |
| Fuel Capacity (litres)..... | 12.5 |
| Oil Capacity w/filter (litres)..... | 3.4 |
| Dry Weight (kg)..... | 251 |

Powertrain

| | |
|---------------------------|---|
| Engine ³ | Air-cooled, Evolution™ |
| Displacement (cu.cm)..... | 883 |
| Bore x Stroke (mm)..... | 76.2 x 96.8 |
| Fuel System..... | Electronic Sequential Port Fuel Injection (ESPFI) |
| Compression Ratio..... | 8.9:1 |
| Exhaust System..... | Chrome, staggered shorty exhaust with dual mufflers |

Wheels/Tyres

| | |
|-----------------------|------------------------------------|
| Tyres: | |
| Front..... | D401F 100/90-19 57H |
| Rear..... | D401 150/80B16 71H |
| Wheels ⁴ : | |
| Front..... | 19" Black, 13-spoke cast aluminium |
| Rear..... | 16" Black, 13-spoke cast aluminium |

Drivetrain

| | |
|--------------------|--------------------|
| Primary Drive..... | Chain, 34/57 ratio |
| Final Drive..... | Belt, 28/68 ratio |
| Clutch..... | 9-plate, wet |
| Transmission..... | 5-speed |
| Gear Ratios: | |
| 1st..... | 10.78 |
| 2nd..... | 7.70 |
| 3rd..... | 5.73 |
| 4th..... | 4.75 |
| 5th..... | 4.07 |

Chassis

| | |
|-----------------------------------|--|
| Brakes, Dia (Front/Rear, mm)..... | 292 dual / 292 |
| Caliper Type..... | Dual-piston front, single-piston rear |
| Front Fork..... | 39mm |
| Rear Shocks..... | Coil-over; preload dual-adjustable |
| Suspension Travel: | |
| Front (mm)..... | 141 |
| Rear (mm)..... | 104 |
| Frame..... | Mild steel tubular frame; circular sections; cast junctions |
| Swingarm..... | Mild steel, rectangular tube sections, stamped junctions; MIG welded |

Performance

| | |
|---|------------------------------|
| Engine Torque (EU Standard EC95/1) ⁵ | 70 Nm / 52 ft lbs @ 3750 rpm |
| Lean Angle per SAE J1168 (Degrees Left/Right)..... | 32 / 32 |

Electrical

| | |
|-------------------------------------|---|
| Charging..... | Single-phase, 30-amp system |
| | (357W @ 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 |
| Tail/Stop Lights..... | 5W/21W |
| Turn Signal Lights..... | 21W self-canceling |
| Instruments..... | Handlebars-mounted electronic speedometer with odometer; |
| | Time-of-day clock; Dual resettable tripmeter |
| Indicator Lamps..... | High beam, neutral, low oil pressure, turn signals, |
| | engine diagnostics, low fuel warnings, security system ⁶ |

Colour Options⁷

Vivid Black; Dark Blue Pearl; Mirage Orange Pearl

Model Features

Black powder-coated engine with wrinkle-black treatment; Satin black finish on side covers, air cleaner, front forks and visor; Mid-mounted rider footpegs; Standard passenger footpegs; Black, low-rise handlebars; One-piece, two-up Sportster[®] classic seat

Warranty

| | |
|-------------------------------------|---|
| Warranty ⁸ | 24 months (unlimited mileage) |
| Service Interval ⁹ | First 1,000 miles (1,600 km), |
| | every 5,000 miles (8,000 km) thereafter |

Footnotes

1. Harley-Davidson reserves the right to discontinue models or change specifications at any time without incurring any obligations. Vehicle specifications may vary by country and region depending on local laws. Some models are not available in certain countries.
2. Measurement reflects 81.7 kg operator weight.
3. Recommended 95 octane or higher fuel (R+M)/2. Standard and optional fuel systems may vary by country and region.
4. Standard and optional wheels may vary by country and region.
5. Values shown are nominal. Performance may vary by country and region.
6. Security system includes immobiliser and siren.
7. Availability of colours may vary from dealer to dealer and is subject to change without further notice.
8. See motorcycle owner's manual for complete details.
9. Inspections of certain systems and components are required at 1,000 mile (1,600 km) intervals.