



TOURING

ULTRA LIMITED LOW Model Specifications¹ FLHTKL

| DIMENSIONS | |
|---|---|
| Length | 102.4 in. (2600 mm) |
| Overall Width | 37.8 in. (960 mm) |
| Overall Height | 54.7 in. (1390 mm) |
| Seat Height: | |
| • Laden ² | 25.6 in. (652 mm) |
| • Unladen | 26.6 in. (675 mm) |
| Ground Clearance | 4.6 in. (115 mm) |
| Rake (steering head) | 26° |
| Fork Angle | 29.25° |
| Trail | 6.7 in. (170 mm) |
| Wheelbase | 64 in. (1625 mm) |
| Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear): | |
| • Front – D408F | BW 130/80B17 65H |
| • Rear – D407T | BW 180/65B16 81H |
| Fuel Capacity | 6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i> |
| Oil Capacity (w/filter) | 5 qt. (4.7 l) |
| Transmission Capacity | 1 qt. (.95 l) |
| Primary Chain Case Capacity ³ | 1.1 qt. (1 l) |
| Coolant Capacity | 0.8 qt. (0.76 l) |
| Weight: | |
| • As Shipped | 873 lb. (396 kg) |
| • In Running Order | 908 lb. (412 kg) |
| • Gross Vehicle Weight Rating | 1360 lb. (617 kg) |
| • Gross Axle Weight Rating | |
| • Front | 500 lb. (227 kg) |
| • Rear | 927 lb. (420 kg) |
| Luggage Capacity: | |
| • Volume | 4.7 cu. ft. (0.132 m ³) |

| ENGINE | |
|--------------------------|--|
| Engine | Twin-Cooled™ Milwaukee-Eight® 114 |
| Valves | Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder |
| Bore x Stroke | 4.016 in. x 4.5 in. (102 mm x 114 mm) |
| Displacement | 114 cu. in. (1868 cc) |
| Compression Ratio | 10.5:1 |
| Fuel System ⁴ | Electronic Sequential Port Fuel Injection (ESPFI) |
| Air Cleaner | Paper, washable |
| Exhaust | Chrome, 2-1-2 dual exhaust with tapered mufflers |
| Lubrication System | Pressurized, dry-sump with oil cooler |

| DRIVETRAIN | |
|------------------------|--|
| Primary Drive | Chain, 34/46 ratio |
| Final Drive | Belt, 32/68 ratio |
| Clutch | Hydraulically actuated 10 plate wet, Assist & Slip |
| Transmission | 6-Speed Cruise Drive® |
| Gear Ratios (overall): | U.S. |
| • 1st | 9.593 |
| • 2nd | 6.65 |
| • 3rd | 4.938 |
| • 4th | 4 |
| • 5th | 3.407 |
| • 6th | 2.875 |

| CHASSIS | |
|----------------------------------|---|
| Frame | Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded |
| Swingarm | Mild steel; two-piece drawn and welded section; forged junctions; MIG welded |
| Front Forks | 49 mm Lowered Dual Bending Valve |
| Rear Shocks | Premium Low Hand-Adjustable Rear Suspension |
| Wheels ¹ : | Contrast Chrome Impeller Cast Aluminum |
| • Front | 17 in. x 3 in. (432 mm x 76 mm) |
| • Rear | 16 in. x 5 in. (406 mm x 127 mm) |
| Brakes: | |
| • Caliper Type | 32 mm, 4-piston fixed front and rear |
| • Rotor Type (diameter x width): | Dual floating rotors (front), fixed rotor (rear) |
| • Front (dual) | 11.8 in. x .2 in. (300 mm x 5.1 mm) |
| • Rear | 11.8 in. x .28 in. (300 mm x 7.1 mm) |
| • Anti-Lock Braking System | Standard |
| Suspension Travel: | |
| • Front Wheel | 3.86 in. (98 mm) |
| • Rear Wheel | 2.15 in. (54.6 mm) |

| PERFORMANCE | |
|--|---|
| Engine Torque ⁵ (per J1349): | |
| • North America | 122 ft. lb. @ 3000 rpm (166 Nm @ 3000 rpm) |
| Lean Angle (per J1168): | |
| • Right | 31.9° |
| • Left | 31.8° |
| Fuel Economy ⁶ (Estimated City/Hwy) | 43 mpg (5.5 l/100 km) |

| ELECTRIC | |
|--|--|
| Battery (per Battery Council International Rating) | Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca |
| Charging | Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V) |
| Starting | 1.6 kW electric with solenoid shift starter motor engagement |
| Lights (as per country regulation): | |
| • Headlamp (LED) | 34-watt, 915 lumen low beam, 37-watt, 915 lumen high beam with switchable 20-watt, 1,220 lumen LED Fog Lamps. Total of 2,136 lumen output at low beam with fog lights |
| • Tail/Stop Lights | 8W/28W |
| • Front Signal Lights | 8W/28W |
| • Indicator Lamps | High beam, running lights, front fender running lights, directional lights, neutral, low oil pressure, engine diagnostics, accessory, speakers, turn signals, security system ⁷ , gear indication, battery, low fuel warning, cruise control, ABS, fog/aux lamp indicator LED |
| • Rear Turn Signals | |
| Gauges | Gauges styled to complement each vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators |
| Auxiliary Lamps (except where prohibited by law) | Two LED @ 20W each |
| Electric Power Outlet | Electric power accessory port in fairing and Tour-Pak® |
| GPS System (optional) | New Boom!™ Box 6.5GT audio system with GPS and touchscreen |

| 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 the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.