ULTRA LIMITED LOW

FLHTKL

Increased Confidence in a Premium Ride

ULTRA LIMITED LOW
MODEL OVERVIEW FLHTKL

NEW IN 2017

- Twin-Cooled™ Milwaukee-Eight™ 107 engine, the most powerful, coolest-running motor we've ever built*
- Rear exhaust pipe and catalytic converters repositioned away from the passenger for less heat and a more comfortable ride
- Precision water-cooling for cooler running and consistent performance
- Front and rear suspension
  - Front suspension uses Showa® Dual Bending Valve (SDBV™) technology and gives you 98 mm of travel
  - Hand-adjustable emulsion rear shocks provide 15-30% more preload adjustment and adjust with the turn of a single knob, no tools required; new bigger pistons improve damping performance over the range of suspension travel
- Paint color options including Custom color

MODEL UNIQUE FEATURES

Style
- Batwing fairing with Splitstream vent
- Short windshield
- 49 mm telescopic front forks
- Streamlined, low-profile front fender
- Contrast Chrome Impeller Cast Aluminum wheels
- Dual front, floating open rotors
- Standard bullet turn signals
- Convenient, intuitive inner fairing layout, gloss black
- Raised "stadium-style" gauges with lighted band
- Fairing lowers
- Sleek saddlebags with chrome saddlebag support structure
- Sleek saddlebag guard
- Sleek Tour-Pak® case
- Tank and rear fender medallions
- Black powder-coated engine with chrome covers
- Chrome, 2-1-2 dual exhaust with tapered mufflers
- Blackwall tires

MODEL UNIQUE FEATURES *(continued)*

Fit
- Narrow primary drive for a straighter, easier reach to the ground
- Upgraded, premium lowered front and rear suspension, one inch lower than the Ultra Limited model
- Low, one-piece, two-up Electra Glide® seat, two inches lower than the Ultra Limited model
- Handlebar pulled back two inches more than the Ultra Limited model, with reduced diameter grips
- Passenger seat with ample passenger room and comfort
- Ergonomically optimized backrest and armrest
- Saddlebag guard shaped for passenger comfort
- Full-length rider footboards with heel/toe shift levers
- Height-adjustable passenger footboards and footboard mounts for easier rider mobility, greater leg clearance
- Extended reach jiffy leg

Function
- Wind-tunnel tested Batwing fairing with Splitstream vent and short windshield
- Cruise control, standard
- Reflex™ Linked Brembo® Brakes with ABS[1]
- 4-piston front and rear calipers
- Daymaker™ LED headlight; Daymaker™ LED fog lamps
- 49 mm Showa® Dual Bending Valve technology
- Telescopic front forks for stiffer front end
- Large diameter, hand-adjustable rear emulsion shocks
- Easy-to-read gauges and large telltale indicators; display features odometer, trip A, trip B, range to empty, and gear indicator
- Ergonomic hand controls with intuitive design and tactile feel. Includes trigger switch for odometer, trip A, trip B, range to empty; info button for ambient temperature and oil pressure (information displayed in radio screen); hazard warning switch; two Joysticks that control all audio functions
- Boom!™ Box 6.5GT audio system with GPS and touchscreen
  - AM/FM/WB receiver
  - CB[2] radio
- Jukebox media compartment with USB connection and One-Touch access door
- AM/FM/WB and CB antenna
- Power port in fairing
- One-Touch fuel door

MODEL UNIQUE FEATURES *(continued)*

Function *(continued)*
- Saddlebags with One-Touch design latch
- Two glove boxes inside fairing lowers with One-Touch access doors
- Tour-Pak® case with One-Touch latch and integrated lock, retractable lid tether, map and tool pouch, premium hinges, bass port rear speakers
- Premium integral Tour-Pak® luggage rack
- Tour-Pak® case and saddlebag luggage locks common with ignition key
- Premium Saddlebag Travel Bags
- Premium Tour-Pak® Travel Pak
- 12-volt, 15 amp power supply in Tour-Pak® case with spring-loaded cap
- Rear LED stop/turn/tail lights
- Charging system with 50% more power at idle
- CAN-based electrical system
- Standard battery charging harness
- Standard Smart Security System[3] with proximity based, hands-free security fob
- Electronic throttle control
- Dunlop® 180 mm multi-tread rear tire
- 6-gallon fuel tank for extended range
- Mid-frame air deflectors
- Adjustable fairing-mounted wind deflectors

Performance
- Twin-Cooled™ Milwaukee-Eight™ 107 engine
- High-flow airbox
- Electronic Sequential Port Fuel Injection (ESPFI) with heated O2 sensors
- 6-Speed Cruise Drive® transmission with Isolated Drive
- System (IDS) for smooth power delivery
- Rider-Initiated Engine Idle Temperature Management Strategy (EITMS)
- Assist & Slip hydraulic clutch

*Comparison drawn between new 2016 Touring models and new 2017 Touring models.

[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 standard on all 2017 Touring motorcycles except the Road King®, Street Glide®, and Road Glide® models, where it remains an option.

[2] CB prohibited by law in some countries.

[3] North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

ULTRA LIMITED LOW
MODEL SPECIFICATIONS[1] FLHTKL

DIMENSIONS

Length	**101.8 in.** (2585 mm)
Overall Width	**37.9 in.** (962 mm)
Overall Height	**54.6 in.** (1386 mm)
Seat Height:	
• Laden[2]	**25.6 in.** (652 mm)
• Unladen	**27 in.** (685 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 *(warning light at approximately 1.0 gal.)*	**6 gal.** (22.7 L)
Oil Capacity *(w/filter)*	**5 qt.** (4.7 L)
Transmission Capacity	**1 qt.** (.95 L)
Primary Chain Case Capacity	**1.1 qt.** (1.0 L)
Coolant Capacity	**0.8 qt.** (0.75 L)
Weight:	
• As Shipped	**872 lb.** (396 kg)
• In Running Order	**909 lb.** (413 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™ 107 Engine
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	**3.937 in. x 4.375 in.** (100 mm x 111.1 mm)
Displacement	**107 cu. in.** (1746 cc)
Compression Ratio	10.0:1
Fuel System[3]	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Lubrication System	Pressurized, dry-sump

DRIVETRAIN

Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 9 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[4]:	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)*	**11.81 in. x .2 in.** (300 mm x 5.1 mm)
• Rear	**11.81 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	**113.6 ft. lb. @ 3250 RPM** (154 Nm @ 3250 RPM)
Lean Angle *(per J1168)*:	
• Right	29°
• Left	28°
Fuel Economy[6] *(Combined 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, 916 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, 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	
• 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	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 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.

ULTRA LIMITED LOW
COLORS/CALLOUTS FLHTKL

SOLIDS	PINSTRIPING
Vivid Black	Med. Silver
Black Quartz	Pale Gold

TWO-TONES	PINSTRIPING
Billet Silver/Vivid Black *(shown)*	Burgundy
Mysterious Red Sunglo/Velocity Red Sunglo	Med. Red
NEW Superior Blue/Billet Silver	Blue
NEW Black Hills Gold/Black Quartz	Burgundy
NEW Charcoal Denim/Black Denim	Gray

CUSTOM COLORS[1]	PINSTRIPING
NEW Bonneville Blue/Fathom Blue	Hamilton Gold

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