

# MODEL YEAR 2023 | ULTRA LIMITED ANNIVERSARY

| Dimensions  | FLHTKANV Ultra Limited Anniversary                            | Notes |
|---|---|-------|
| Length  | 102.3 in. (2,600 mm)  |       |
| Overall Width   | 37.8 in. (960 mm)   |       |
| Overall Height  | 56.7 in. (1,440 mm)   |       |
| Seat Height, Laden                                    | 27.5 in. (699 mm)   |       |
| Seat Height, Unladen                                  | 29.1 in. (740 mm)   |       |
| Static Ground Clearance                               | 5.3 in. (135 mm)  |       |
| Rake (steering head) (deg)                            | 26  |       |
| Fork Angle (deg)                                      | 29.25   |       |
| Trail   | 6.7 in. (170 mm)  |       |
| Wheelbase   | 64 in. (1,625 mm)   |       |
| Tires, Type   | Dunlop® Harley-Davidson Series, bias blackwall front and rear |       |
| Tires, Front Model                                    | D408F   |       |
| Tires, Front Specification                            | BW 130/70B18 63H  |       |
| Tires, Rear Model                                     | D407T   |       |
| Tires, Rear Specification                             | BW 180/55B18 80H  |       |
| Fuel Capacity   | 6 gal. (22.7 l)   |       |
| Reserve Fuel Capacity, Fuel Injection (warning light) | 1 gal. (3.8 l)  |       |
| Oil Capacity (w/filter)                               | 5 qt. (4.7 l)   |       |
| Transmission Capacity                                 | 1 qt. (.95 l)   |       |
| Primary Chain Case Capacity                           | 1.1 qts. (1 l)  |       |
| Coolant Capacity                                      | 0.8 qt. (0.76 l)  |       |
| Weight, As Shipped                                    | 880 lb. (399 kg)  |       |
| Weight, In Running Order                              | 917 lb. (416 kg)  |       |
| Gross Vehicle Weight Rating                           | 1,360 lb. (617 kg)  |       |
| Gross Axle Weight Rating, Front                       | 500 lb. (227 kg)  |       |
| Gross Axle Weight Rating, Rear                        | 927 lb. (420 kg)  |       |
| Luggage Capacity -Volume                              | 4.7 cu ft (0.132 m3)  |       |

| <b>Engine</b>      | <b>FLHTKANV Ultra Limited Anniversary</b>  | <b>Notes</b> |
|--------------------|--|--------------|
| Engine             | Twin-Cooled™ Milwaukee-Eight™ 114  |              |
| Valves             | Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder |              |
| Bore               | 4.016 in. (102 mm)   |              |
| Stroke             | 4.5 in. (114.3 mm)   |              |
| Displacement       | 114 cu in (1,868 cc)   |              |
| Compression Ratio  | 10.5:1   |              |
| Fuel System        | Electronic Sequential Port Fuel Injection (ESPFI)  |              |
| Air Cleaner        | Paper, washable  |              |
| Exhaust            | 2-1-2 dual exhaust with tapered mufflers   |              |
| Lubrication System | Pressurized, dry-sump with oil cooler  |              |

| <b>Drivetrain</b> | <b>FLHTKANV Ultra Limited Anniversary</b>           | <b>Notes</b> |
|-------------------|---|--------------|
| Primary Drive     | Chain, 34/46 ratio                                  |              |
| Final Drive       | Belt, 32/68 ratio                                   |              |
| Clutch            | Mechanically actuated 10 plate wet, Assist and Slip |              |
| Transmission      | 6-Speed Cruise Drive®                               |              |
| Gear Ratios       | 9.593   |              |
| Gear Ratios       | 6.65  |              |
| Gear Ratios       | 4.938   |              |
| Gear Ratios       | 4   |              |
| Gear Ratios       | 3.407   |              |
| Gear Ratios       | 2.875   |              |

| <b>Chassis</b> | <b>FLHTKANV Ultra Limited Anniversary</b>  | <b>Notes</b> |
|----------------|--|--------------|
| 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 Fork                             | 49mm Dual Bending Valve                                 |  |
| Rear Shocks                            | Premium standard height hand-adjustable rear suspension |  |
| Wheels, Optional Style Type            | N/A   |  |
| Wheels, Front Type                     | Slicer II cast aluminum with clear coat                 |  |
| Wheels, Front Width                    | 3.5 in. (89 mm)   |  |
| Wheels, Front Height                   | 18 in. (457 mm)   |  |
| Wheels, Rear Type                      | Slicer II cast aluminum with clear coat                 |  |
| Wheels, Rear Width                     | 5 in. (127 mm)  |  |
| Wheels, Rear Height                    | 18 in. (457 mm)   |  |
| Brakes, Caliper Type                   | 32 mm, 4-piston fixed front and rear                    |  |
| Brakes, Rotor Type                     | Dual floating rotors (front), fixed rotor (rear)        |  |
| Brakes, Front Diameter                 | 11.8 in. (300 mm)                                       |  |
| Brakes, Front Thickness                | 0.2 in. (5 mm)  |  |
| Brakes, Front is dual                  | Yes   |  |
| Brakes, Rear Diameter                  | 11.8 in. (300 mm)                                       |  |
| Brakes, Rear Thickness                 | 0.28 in. (7.1 mm)                                       |  |
| Brakes, Anti-Lock Braking System (ABS) | Standard  |  |
| Suspension Travel, Front               | 4.6 in. (117 mm)  |  |
| Suspension Travel, Rear                | 3 in. (76 mm)   |  |

| <b>Performance</b>                       | <b>FLHTKANV Ultra Limited Anniversary</b> | <b>Notes</b> |
|--|---|--------------|
| Engine Torque Testing Method             | J1349                                     |              |
| Engine Torque                            | 122 ft-lb (166 Nm)                        |              |
| Engine Torque                            | 2,750                                     |              |
| Power                                    | 93 HP / 69 kW @ 5020 rpm                  |              |
| Lean Angle Testing Method                | J1168                                     |              |
| Lean Angle, Right (deg.)                 | 32  |              |
| Lean Angle, Left (deg.)                  | 32  |              |
| Fuel Economy Testing Method              | Estimated City/Hwy                        |              |
| Fuel Economy                             | 43 mpg (5.5 l/100 km)                     |              |
| CO <sup>2</sup> Emissions Testing Method | N/A                                       |              |
| CO <sup>2</sup> Emissions                | N/A                                       |              |

| <b>Electric</b>   | <b>FLHTKANV Ultra Limited Anniversary</b>  | <b>Notes</b> |
|---|--|--------------|
| Battery   | Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca (per Battery Council International Rating)   |              |
| 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. |              |
| Lights (as per country regulation), Tail/Stop           | 8W/28W   |              |
| Lights (as per country regulation), Front Signal Lights | 8W/28W   |              |
| Lights, Rear Turn Signals                               | LED  |              |
| 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   | Two LED @ 20W each (except where prohibited by law)  |              |
| Electric Power Outlet                                   | Electric power accessory port in fairing and tourpak   |              |
| GPS System  | Boom!™ Box GTS audio system with GPS and touchscreen   |              |
| Reverse Gear  | N/A  |              |

| <b>Warranty And Service</b> | <b>FLHTKANV Ultra Limited Anniversary</b>                             | <b>Notes</b> |
|-----------------------------|---|--------------|
| Warranty                    | 24 months (unlimited mileage)   |              |
| Service Interval            | First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter |              |

©2023 H-D or its affiliates. HARLEY-DAVIDSON, HARLEY, H-D, and the Bar and Shield Logo are among the trademarks of H-D U.S.A., LLC. Third-party trademarks are the property of their respective owners.