

Model Year 2023 | CVO™ Road Glide®

Dimensions

FLTRXSE CVO™ Road Glide®

Notes

Length

94.9 in. (2,410 mm)

Overall Width

37.2 in. (945 mm)

Overall Height

51.8 in. (1,315 mm)

Seat Height, Laden

26.7 in. (678 mm)

2

Seat Height, Unladen

28.1 in. (714 mm)

Static Ground Clearance

5.7 in. (145 mm)

Rake (steering head) (deg)

26

Fork Angle (deg)

30

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

130/60B19 M/C 61H

Tires, Rear Model

D407T

Tires, Rear Specification

180/55B18 M/C 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

0.82 qt. (0.78 l)

Weight, As Shipped

825 lb. (374 kg)

Weight, In Running Order

862 lb. (391 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

2.2 cu ft (0.062 m³)

Engine

FLTRXSE CVO™ Road Glide®

Notes

Engine

Milwaukee-Eight® VVT 121

Valves

Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder

Bore

4.075 in. (103.5 mm)

Stroke

4.625 in. (117.5 mm)

Displacement

121 cu in (1,977 cc)

Compression Ratio

11.4:1

Fuel System

Electronic Sequential Port Fuel Injection (ESPFI)

3

Air Cleaner

Synthetic Felt, Washable

Exhaust

2-1-2 dual exhaust

Lubrication System

Pressurized, dry-sump

Drivetrain

FLTRXSE CVO™ Road Glide®

Notes

Primary Drive

Chain, 34/46 ratio

Final Drive

Belt, 32/68 ratio

Clutch

Mechanically actuated 10 plate, wet Assist & 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

Chassis

FLTRXSE CVO™ Road Glide®

Notes

Frame

Mild steel; tubular frame, two-piece stamped and welded backbone; cast and forged junctions; twin down tubes; 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

47 mm Inverted 1x1 Front Forks

Rear Shocks

Dual adjustable emulsions suspension with remote preload adjustment on the left shock, and threaded preload on the right shock

Wheels, Optional Style Type

N/A

4

Wheels, Front Type

Combo Cast Laced

4

Wheels, Front Width

3.5 in. (89 mm)

Wheels, Front Height

19 in. (483 mm)

Wheels, Rear Type

Combo Cast Laced

4

Wheels, Rear Width

5 in. (127 mm)

Wheels, Rear Height

18 in. (457 mm)

Brakes, Caliper Type

32 mm, 4-piston fixed dual radially mounted front, and single axially mounted rear

Brakes, Rotor Type

Dual floating rotors (front), fixed rotor (rear)

Brakes, Front Diameter

12.6 in. (320 mm)

Brakes, Front Thickness

0.18 in. (4.5 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)

Performance

FLTRXSE CVO™ Road Glide®

Notes

Engine Torque Testing Method

J1349

Engine Torque

139 ft-lb (189 Nm)

5

Engine Torque

3000

Power

115 HP / 86 kW @ 4500 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

45 mpg (5 l/100 km)

6

CO² Emissions Testing Method

N/A

CO² Emissions

N/A

Electric

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Notes

Battery

Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca (per Battery Council International Rating)

Charging

Three-phase, 58-amp system (754W max power @ 13V)

Starting

1.6 kW electric with solenoid shift starter motor engagement

Lights (as per country regulation), Headlamp

LED

Lights (as per country regulation), Tail/Stop

LED

Lights (as per country regulation), Front Signal Lights

LED

Lights, Rear Turn Signals

LED

Gauges

Digital gauges integrated within the display

Auxiliary Lamps

N/A

Electric Power Outlet

15 Watt USB-C electric power accessory port in media storage box.

GPS System

Yes, imbedded navigation system with real-time traffic and weather via Wi-Fi Hotspot

Reverse Gear

N/A

Warranty And Service

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Notes

Warranty

24 months (unlimited mileage)

7

Service Interval

First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter

8

Footnotes

FLTRXSE CVO™ Road Glide®

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 (VRSC™ 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.

See motorcycle owner's manual for complete details.

Inspections of certain systems and components are required at 2,500 mile (4,000 km) intervals. See Owner's Manual for full details.

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