

HARLEY-DAVIDSON® MOTORCYCLES

MY20 SPECIFICATIONS

HARLEY — DAVIDSON®



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EV

2020 EV LINEUP

NEW LIVEWIRE™ ELW



EV

LIVEWIRE™
Model Specifications¹ ELW

DIMENSIONS

Length	84.1 in. (2135 mm)
Overall Width	32.7 in. (830mm)
Overall Height	42.5 in. (1080 mm)
Seat Height:	
• Laden ²	30.0 in. (761 mm)
• Unladen	30.7 in. (780 mm)
Ground Clearance	5.1 in. (130 mm)
Rake (steering head)	24.5°
Trail	4.3 in. (108 mm)
Wheelbase	58.7 in. (1490 mm)

Tires (Michelin® Scorchers™ "Sport"):

• Front – Scorchers™ "Sport"	120/70 ZR17 58W
• Rear – Scorchers™ "Sport"	180/55 ZR17 73W

Transmission Capacity	.34 qt. (0.32 l)
Coolant Capacity	.8 qt. (0.72 l)

Weight:

• As Shipped	553 lb. (251 kg)
• In Running Order	553 lb. (251 kg)
• Gross Vehicle Weight Rating	953 lb. (432 kg)
• Gross Axle Weight Rating	
• Front	434 lb. (197 kg)
• Rear	580 lb. (263 kg)

DRIVETRAIN

Primary Drive	Spiral bevel gear, 55/17 ratio
Final Drive ⁵	Belt, 3/1 ratio
Transmission	Single Speed
Gear Ratios (overall):	U.S.
• 1st	9.71

CHASSIS

Frame	Aluminum cast
Swingarm	Aluminum cast
Front Forks	SHOWA® 43 mm Inverted Separate Function Forks - Big Piston (SFF-BP®), fully adjustable
Rear Shocks	SHOWA® Balance Free Rear Cushion Lite (BFRC-lite®), fully adjustable
Wheels ⁷ :	Black, Split 5-Spoke Cast Aluminum
• Front	17 in. x 3.5 in. (432 mm x 89 mm)
• Rear	17 in. x 5.5 in. (432 mm x 140 mm)
Brakes:	Dual 4-piston monoblock radial mount front, dual-piston rear
• Caliper Type	

CHASSIS (CONTINUED)

Brakes (cont'd):	
• Rotor Type (diameter x width):	Dual floating rotors (front), floating rotor (rear)
• Front (dual)	11.8 in. x 0.2 in. (300 mm x 5 mm)
• Rear	10.2 in. x 0.20 in. (260 mm x 5 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.5 in. (115 mm)
• Rear Wheel	4.5 in. (115 mm)

PERFORMANCE

Lean Angle (per J1168):	Right 45°/ Left 45°
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ELECTRIC

Battery	Lithium Ion, 12.8V, 24 Wh, 120 A
Charging	Onboard DC to DC conversion
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	LED with light pipe tail
• Turn Signal Lights	LED (front). LED, Amber (rear)
• Indicator Lamps	High beam, turn signals, ABS, traction control, EV fault
Gauges	4.3" WVGA 480×272 TFT Color Display with Ambient Light Sensor, 9 warning lights, Real Time Clock and Integrated Bluetooth Connectivity to a Smartphone to provide infotainment features including turn-by-turn navigation, telephone, music, and voice recognition
Electric Power Outlet	USB C-type; output 5V at 3A

EV SPECIFIC CONTENT – MOTOR

Torque ³	86 ft-lb (116 Nm)
RPM Max	15,000
Type	Internal Permanent Magnet Synchronous Motor with Water Jacket cooling
Motor Name	H-D Revelation™
Inverter Type	IGBT
Pole Count	6
Power	105 HP (78 kW)
Diameter	6.69 in. (170 mm)
Stack Length	3.94 in. (100 mm)

EV SPECIFIC CONTENT – RESS

Type	Lithium Ion
Capacity	Capacity 15.5kWh total (13.6kWh min usable)

EV SPECIFIC CONTENT – CHARGING⁴

Charge Plug Type	SAE J1772 Combo Inlet (CCS1) / IEC 62196 Combo Inlet (CCS2)
On-board Charger, charge rate	1400W
Charging Time - MIC city cycle (not verified):	
• AC Wall Charging -RESS from	Capable of 13.8 miles/hour (22.2 km/hour) charge rate
0%–80% / 0%–100%	10 hours / 12.5 hours
• DC Fast Charging -RESS from	Capable of 221.2 miles/hour (356 km/hour) charge rate
0%–80% / 0%–100%	40 minutes / 1.0 hours
DC to DC Conversion	450W at 14.2V

EV SPECIFIC CONTENT – RANGE⁵

MIC City	146 mi (235 km)
Highway (70 mph sustained)	70 mi (113 km)
Combined	95 mi (152 km)
WMTC (World Motorcycle Test Cycle)	98 mi (158 km)

INFOTAINMENT

Hands-free Mobile Phone (via Bluetooth)	Standard
Voice Recognition Languages:	
• Phone Functions Only	Via paired iOS or Android device
• Tuner/Media/Navigation	Via paired iOS or Android device
USB	USB Type-C
Bluetooth	Phone/media supported
Telematics	Standard

WARRANTY

Warranty ⁶ (unlimited mileage)	Vehicle - 24 months HV Battery - 5 years
Service Interval ⁷	First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter

¹ Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Attention: 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 integrated Longitudinal Permanent Magnet Motor, controller, and single speed gear box with a 2-year unlimited mileage vehicle and 5-year unlimited mileage battery limited warranty.

² Measurement reflects 180 lb. (81.7 kg) operator weight.

³ Values shown are nominal. Performance may vary by country and region.

⁴ Charging rate varies based on output of the charge unit and ambient/vehicle temperature.

⁵ Range estimates are based on expected performance on a fully-charged battery and are derived from SAE J2982 Riding Range Test Procedure data on a sample motorcycle under ideal laboratory conditions. Your actual range will vary depending on your personal riding habits, road and driving conditions, ambient weather, vehicle condition and maintenance, tire pressure, vehicle configuration (parts and accessories), and vehicle loading (cargo, rider and passenger weight).

⁶ See Motorcycle Owner's Manual for complete details.

⁷ Recommended service interval: First 1000 miles (1,600 km) and every 20,000 miles (40,000 km) thereafter.

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HARLEY-DAVIDSON STREET®

2020 STREET™ LINEUP

HARLEY-DAVIDSON STREET® 500 XG500

HARLEY-DAVIDSON STREET® 750 XG750

STREET ROD® XG750A



H-D STREET™

HARLEY-DAVIDSON STREET® 500 Model Specifications¹ XG500

DIMENSIONS	
Length	87.2 in. (2215 mm)
Overall Width	33.1 in. (840 mm)
Overall Height	43.5 in. (1105 mm)
Seat Height:	
• Laden ²	25.7 in. (654 mm)
• Unladen	28.3 in. (720 mm)
Ground Clearance	5.7 in. (145 mm)
Rake (steering head)	32°
Fork Angle	32°
Trail	4.5 in. (115 mm)
Wheelbase	59.8 in. (1520 mm)
Tires (Michelin® Scorcher® "11" front and rear):	
• Front – Scorcher® "11F" Bias	100/80-17
• Rear – Scorcher® "11" Radial	140/75 R15
Fuel Capacity (warning light at approximately .8 gal.)	3.5 gal. (13.1 l)
Oil Capacity (w/filter)	3.3 qt. (3.1 l)
Coolant Capacity	1.4 qt. (1.3 l)
Weight:	
• As Shipped	492 lb. (223 kg)
• In Running Order	514 lb. (233 kg)
• Gross Vehicle Weight Rating	950 lb. (431 kg)
• Gross Axle Weight Rating	
• Front	320 lb. (145 kg)
• Rear	630 lb. (286 kg)
ENGINE	
Engine	Liquid-cooled, Revolution® X V-Twin
Valves	Chain drive single overhead cam with mechanical lifters and rocker arms; four valves per cylinder
Bore x Stroke	2.72 in. x 2.6 in. (69 mm x 66 mm)
Displacement	30 cu. in. (494 cc)
Compression Ratio	10.5:1
Fuel System ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, non-washable
Exhaust	Black, 2-into-1
Lubrication System	Pressurized, wet sump

DRIVETRAIN	
Primary Drive	Gear, 36/68 ratio
Final Drive	Belt, 30/80 ratio
Clutch	Multi-plate, wet
Transmission	6-speed constant mesh spur gear
Gear Ratios (overall):	
• 1st	U.S.
• 2nd	14.272
• 3rd	10.074
• 4th	7.446
• 5th	6.006
• 6th	5.037
• 6th	4.533
CHASSIS	
Frame	Mild steel tubular frame; rectangular section backbone; stamped junctions; MIG welded
Swingarm	Mild steel, rectangular tube sections, stamped junctions; MIG welded
Front Forks	37 mm telescopic (non-adjustable)
Rear Shocks	Twin tubular shocks externally mounted (pre-load adjustment only)
Wheels ⁴ :	
• Front	Black, 7-Spoke Cast Aluminum
• Rear	17 in. x 2.5 in. (432 mm x 64 mm)
• Rear	15 in. x 3.5 in. (381 mm x 89 mm)
Brakes:	
• Caliper Type	2-piston floated front and rear
• Rotor Type (diameter x width):	Uniform expansion rotors
• Front	11.8 in. x .24 in. (300 mm x 6 mm)
• Rear	11.8 in. x .24 in. (300 mm x 6 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	5.5 in. (140 mm)
• Rear Wheel	3.5 in. (90 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	30 ft. lb. @ 3750 rpm (40 Nm @ 3750 rpm)
Lean Angle (per J1168):	
• Right	28.5°
• Left	28.5°
Fuel Economy ⁶ (Estimated City/Hwy)	64 mpg (3.6 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 12-amp/hour, 225 cca
Charging	Three-phase, 35-amp system (17.7-amp at idle - 1000 rpm)
Starting	0.9 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 (LED)	8W/28W (5W/21W)
• Front Signal Lights	5W/21W
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning
• Rear Turn Signals	21W
Gauges	3.5-inch electronic speedometer with high beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, blade key ignition and fork lock, and locking gas cap
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



H-D STREET™

HARLEY-DAVIDSON STREET® 750 Model Specifications¹ XG750

DIMENSIONS	
Length	87.2 in. (2215 mm)
Overall Width	33.1 in. (840 mm)
Overall Height	43.5 in. (1105 mm)
Seat Height:	
• Laden ²	25.7 in. (654 mm)
• Unladen	28.3 in. (720 mm)
Ground Clearance	5.7 in. (145 mm)
Rake (steering head)	32°
Fork Angle	32°
Trail	4.5 in. (115 mm)
Wheelbase	59.8 in. (1520 mm)
Tires (Michelin® Scorcher® "11" front and rear):	
• Front – Scorcher® "11F" Bias	100/80-17
• Rear – Scorcher® "11" Radial	140/75 R15
Fuel Capacity (warning light at approximately .8 gal.)	3.5 gal. (13.1 l)
Oil Capacity (w/filter)	3.3 qt. (3.1 l)
Coolant Capacity	1.4 qt. (1.3 l)
Weight:	
• As Shipped	492 lb. (223 kg)
• In Running Order	514 lb. (233 kg)
• Gross Vehicle Weight Rating	950 lb. (431 kg)
• Gross Axle Weight Rating	
• Front	320 lb. (145 kg)
• Rear	630 lb. (286 kg)
ENGINE	
Engine	Liquid-cooled, Revolution® X V-Twin
Valves	Chain drive single overhead cam with mechanical lifters and rocker arms; four valves per cylinder
Bore x Stroke	3.35 in. x 2.6 in. (85 mm x 66 mm)
Displacement	46 cu. in. (749 cc)
Compression Ratio	11:1
Fuel System ³	Mikuni Single Port Fuel Injection, 38 mm bore
Air Cleaner	Paper, non-washable
Exhaust	Black, 2-into-1
Lubrication System	Pressurized, wet sump

DRIVETRAIN	
Primary Drive	Gear, 36/68 ratio
Final Drive	Belt, 30/80 ratio
Clutch	Multi-plate, wet
Transmission	6-speed constant mesh spur gear
Gear Ratios (overall):	
• 1st	U.S. 14.272
• 2nd	10.074
• 3rd	7.446
• 4th	6.006
• 5th	5.037
• 6th	4.533
CHASSIS	
Frame	Mild steel tubular frame; rectangular section backbone; stamped junctions; MIG welded
Swingarm	Mild steel, rectangular tube sections, stamped junctions; MIG welded
Front Forks	37 mm telescopic (non-adjustable)
Rear Shocks	Twin tubular shocks externally mounted (pre-load adjustment only)
Wheels ⁴ :	
• Front	Black, 7-Spoke Cast Aluminum with Machined Rim Highlights 17 in. x 2.5 in. (432 mm x 64 mm)
• Rear	15 in. x 3.5 in. (381 mm x 89 mm)
Brakes:	
• Caliper Type	2-piston floated front and rear
• Rotor Type (diameter x width):	Uniform expansion rotors
• Front	11.8 in. x .24 in. (300 mm x 6 mm)
• Rear	11.8 in. x .24 in. (300 mm x 6 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	5.5 in. (140 mm)
• Rear Wheel	3.5 in. (90 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	44 ft. lb. @ 4000 rpm (59 Nm @ 4000 rpm)
Lean Angle (per J1168):	
• Right	28.5°
• Left	28.5°
Fuel Economy ⁶ (Estimated City/Hwy)	55 mpg (4.3 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 12-amp/hour, 225 cca
Charging	Three-phase, 35-amp system (17.7-amp at idle - 1000 rpm)
Starting	0.9 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 (LED)	8W/28W (5W/21W)
• Front Signal Lights	5W/21W
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning 21W
• Rear Turn Signals	
Gauges	3.5 inch electronic speedometer with high beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, blade key ignition and fork lock, and locking gas cap
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



H-D STREET™

STREET ROD® Model Specifications¹ XG750A

DIMENSIONS	
Length	83.9 in. (2130 mm)
Overall Width	34.3 in. (870 mm)
Overall Height	45.1 in. (1145 mm)
Seat Height:	
• Laden ²	29.8 in. (757 mm)
• Unladen	30.1 in. (765 mm)
Ground Clearance	8.1 in. (205 mm)
Rake (steering head)	27°
Fork Angle	27°
Trail	3.9 in. (99 mm)
Wheelbase	59.4 in. (1510 mm)
Tires (Michelin® Scorcher® "21" front and rear):	
• Front – Scorcher® "21" Radial	120/70 R17 V
• Rear – Scorcher® "21" Radial	160/60 R17 V
Fuel Capacity (warning light at approximately .8 gal.)	3.5 gal. (13.1 l)
Oil Capacity (w/filter)	3.3 qt. (3.1 l)
Coolant Capacity	1.4 qt. (1.3 l)
Weight:	
• As Shipped	505 lb. (229 kg)
• In Running Order	525 lb. (238 kg)
• Gross Vehicle Weight Rating	950 lb. (431 kg)
• Gross Axle Weight Rating	
• Front	350 lb. (159 kg)
• Rear	600 lb. (272 kg)
ENGINE	
Engine	Liquid-cooled, Revolution® X V-Twin
Valves	Chain drive single overhead cam with mechanical lifters and rocker arms; four valves per cylinder
Bore x Stroke	3.4 in. x 2.6 in. (85 mm x 66 mm)
Displacement	46 cu. in. (749 cc)
Compression Ratio	12.0:1
Fuel System ³	Mikuni Twin Port Fuel Injection, 42 mm bore
Air Cleaner	Fiber, washable
Exhaust	Black, 2-into-1
Lubrication System	Pressurized, wet sump

DRIVETRAIN	
Primary Drive	Gear, 36/68 ratio
Final Drive	Belt, 30/80 ratio
Clutch	Multi-plate, wet
Transmission	6-speed constant mesh spur gear
Gear Ratios (overall):	U.S.
• 1st	14.272
• 2nd	10.074
• 3rd	7.446
• 4th	6.006
• 5th	5.037
• 6th	4.533
CHASSIS	
Frame	Mild steel tubular frame; rectangular section backbone; stamped junctions; MIG welded
Swingarm	Mild steel, rectangular tube sections, stamped junctions; MIG welded
Front Forks	43 mm inverted (non-adjustable)
Rear Shocks	Twin tubular piggy-back shocks, externally mounted (pre-load adjustment only)
Wheels ⁴ :	Black, 7-Split Open Spoke Cast Aluminum
• Front	17 in. x 3.5 in. (432 mm x 89 mm)
• Rear	17 in. x 4.5 in. (432 mm x 114 mm)
Brakes:	
• Caliper Type	2-piston floated front and rear
• Rotor Type (diameter x width):	Uniform expansion rotors
• Front (dual)	11.8 in. x .24 in. (300 mm x 6 mm)
• Rear	11.8 in. x .24 in. (300 mm x 6 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	5.2 in. (132 mm)
• Rear Wheel	4.6 in. (117 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	47 ft. lb. @ 4000 rpm (64 Nm @ 4000 rpm)
Lean Angle (per J1168):	
• Right	37.3°
• Left	40.2°
Fuel Economy ⁶ (Estimated City/Hwy)	54 mpg (4.4 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 12-amp/hour, 225 cca
Charging	Three-phase, 35-amp system (24.5-amp at idle - 1350 rpm)
Starting	0.9 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 (LED)	1W/5W
• Front Signal Lights (LED)	1W/5.5W
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning
• Rear Turn Signals (LED)	5.5W
Gauges	3.5 inch electronic speedometer with high beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, blade key ignition and fork lock, and locking gas cap
Electric Power Outlet	PAC Connector
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SPORTSTER®

2020 SPORTSTER® LINEUP

IRON 883™ XL 883N

IRON 1200™ XL 1200NS

FORTY-EIGHT® XL 1200X

ROADSTER™ XL 1200CX



SPORTSTER®

IRON 883™ Model Specifications¹ XL 883N

DIMENSIONS

Length	86 in. (2185 mm)
Overall Width	33.5 in. (850 mm)
Overall Height	44.9 in. (1140 mm)
Seat Height:	
• Laden ²	25.7 in. (653 mm)
• Unladen	29.9 in. (760 mm)
Ground Clearance	5.5 in. (140 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	4.6 in. (117 mm)
Wheelbase	59.6 in. (1515 mm)

Tires (Michelin® Scorchers™ "31" front and rear):

- Front 100/90B19 57H
- Rear 150/80B16 77H

Fuel Capacity **3.3 gal.** (12.5 l)
(warning light at approximately .8 gal.)

Oil Capacity (w/filter) **2.8 qt.** (2.6 l)

Transmission Capacity **1 qt.** (.95 l)

Weight:

- As Shipped **545 lb.** (247 kg)
- In Running Order **564 lb.** (256 kg)
- Gross Vehicle Weight Rating **1000 lb.** (454 kg)
- Gross Axle Weight Rating
 - Front **335 lb.** (152 kg)
 - Rear **665 lb.** (302 kg)

ENGINE

Engine	Air-cooled, Evolution®
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	3 in. x 3.811 in. (76.2 mm x 96.8 mm)
Displacement	53.9 cu. in. (883 cc)
Compression Ratio	9:1
Fuel System ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Exhaust	Black exhaust headers and black mufflers
Lubrication System	Dry-sump

DRIVETRAIN

Primary Drive	Chain, 34/57 ratio
Final Drive	Belt, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-Speed
Gear Ratios (overall):	U.S.
• 1st	10.41
• 2nd	7.436
• 3rd	5.531
• 4th	4.584
• 5th	3.931

CHASSIS

Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Forks	39 mm
Rear Shocks	Coil-over; Preload Dual-adjustable
Wheels ⁴ :	Black 9 Spoke with Machined Highlights
• Front	19 in. x 2.15 in. (483 mm x 55 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes:	
• Caliper Type	Dual-piston front, Dual-piston rear
• Rotor Type (diameter x width):	Solid, uniform expansion
• Front (floating)	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	10.24 in. x .28 in. (260 mm x 7.1 mm)
• Anti-Lock Braking System	Optional

Suspension Travel:

- Front Wheel **3.6 in.** (92 mm)
- Rear Wheel **1.6 in.** (41 mm)

PERFORMANCE

Engine Torque ⁵ (per J1349):	
• North America	54 ft. lb. @ 3750 rpm (73 Nm @ 3750 rpm)
Lean Angle (per J1168):	
• Right	27°
• Left	28°
Fuel Economy ⁶ (Estimated City/Hwy)	51 mpg (4.6 l/100 km)

ELECTRIC

Battery (per Battery Council International Rating)	Sealed lead acid, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system (375W @ 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
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system ⁷ (if equipped), ABS (if equipped)
Gauges	Handlebar-mounted electronic speedometer with odometer, time-of-day clock, dual tripmeter, low fuel warning light, low oil pressure light, engine diagnostics readout, LED indicator lights

WARRANTY

Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SPORTSTER®

IRON 1200™

Model Specifications¹ XL 1200NS

DIMENSIONS	
Length	86.6 in. (2200 mm)
Overall Width	36 in. (915 mm)
Overall Height	48.8 in. (1240 mm)
Seat Height:	
• Laden ²	25.7 in. (653 mm)
• Unladen	28.9 in. (735 mm)
Ground Clearance	4.3 in. (110 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	4.6 in. (117 mm)
Wheelbase	59.6 in. (1515 mm)
Tires (Michelin® Scorchers™ "31" front and rear):	
• Front	100/90B19 57H
• Rear	150/80B16 77H
Fuel Capacity (warning light at approximately .8 gal.)	3.3 gal. (12.5 l)
Oil Capacity (w/filter)	2.8 qt. (2.6 l)
Transmission Capacity	1 qt. (.95 l)
Weight:	
• As Shipped	547 lb. (248 kg)
• In Running Order	564 lb. (256 kg)
• Gross Vehicle Weight Rating	1000 lb. (454 kg)
• Gross Axle Weight Rating	
• Front	335 lb. (152 kg)
• Rear	665 lb. (302 kg)
ENGINE	
Engine	Air-cooled, Evolution®
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	3.5 in. x 3.8 in. (88.9 mm x 96.8 mm)
Displacement	73.4 cu. in. (1202 cc)
Compression Ratio	10:1
Fuel System ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Exhaust	Black, staggered exhaust and headers with black slash-cut mufflers
Lubrication System	Dry-sump

DRIVETRAIN	
Primary Drive	Chain, 38/57 ratio
Final Drive	Belt, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-Speed
Gear Ratios (overall):	U.S.
• 1st	9.315
• 2nd	6.653
• 3rd	4.948
• 4th	4.102
• 5th	3.517
CHASSIS	
Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Forks	39 mm
Rear Shocks	Coil-over; Preload Dual-adjustable
Wheels ⁴ :	Black, 9-Spoke
• Front	19 in. x 2.15 in. (483 mm x 55 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes:	
• Caliper Type	Dual-piston front, Dual-piston rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front (floating)	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	10.24 in. x .28 in. (260 mm x 7.1 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	3.6 in. (92 mm)
• Rear Wheel	1.6 in. (41 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	73 ft. lb. @ 3500 rpm (99 Nm @ 3500 rpm)
Lean Angle (per J1168):	
• Right	27°
• Left	28°
Fuel Economy ⁶ (Estimated City/Hwy)	48 mpg (4.9 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed lead acid, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system (375W @ 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	55-watt low beam, 60-watt high beam
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system ⁷ (if equipped), ABS (if equipped)
Gauges	Handlebar-mounted electronic speedometer with odometer, time-of-day clock, dual tripmeter, low fuel warning light, low oil pressure light, engine diagnostics readout, LED indicator lights
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SPORTSTER®

FORTY-EIGHT®

Model Specifications¹ XL 1200X

DIMENSIONS	
Length	85.2 in. (2165 mm)
Overall Width	32.9 in. (835 mm)
Overall Height	43.3 in. (1100 mm)
Seat Height:	
• Laden ²	26.2 in. (665 mm)
• Unladen	28 in. (710 mm)
Ground Clearance	4.3 in. (110 mm)
Rake (steering head)	30.2°
Fork Angle	28.7°
Trail	5.3 in. (135 mm)
Wheelbase	58.9 in. (1495 mm)
Tires (Michelin® Scorchers™ "31" front and rear):	
• Front	130/90B16 73H
• Rear	150/80B16 77H
Fuel Capacity (warning light at approximately .65 gal.)	2.1 gal. (7.9 l)
Oil Capacity (w/filter)	2.8 qt. (2.6 l)
Transmission Capacity	1 qt. (1 l)
Weight:	
• As Shipped	545 lb. (247 kg)
• In Running Order	556 lb. (252 kg)
• Gross Vehicle Weight Rating	1000 lb. (454 kg)
• Gross Axle Weight Rating	
• Front	335 lb. (152 kg)
• Rear	665 lb. (302 kg)
ENGINE	
Engine	Air-cooled, Evolution®
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	3.5 in. x 3.8 in. (88.9 mm x 96.8 mm)
Displacement	73.4 cu. in. (1202 cc)
Compression Ratio	10:1
Fuel System ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Exhaust	Black, staggered exhaust with slash-cut mufflers
Lubrication System	Dry-sump

DRIVETRAIN	
Primary Drive	Chain, 38/57 ratio
Final Drive	Belt, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-Speed
Gear Ratios (overall):	U.S.
• 1st	9.315
• 2nd	6.653
• 3rd	4.948
• 4th	4.102
• 5th	3.517
CHASSIS	
Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Forks	49 mm fork set, free valve right hand and cartridge style left hand
Rear Shocks	Variable rate spring over 36 mm piston nitrogen gas-charged emulsion style shock with thread style preload adjustment
Wheels ⁴ :	Black, Split 9-Spoke Cast Aluminum w/ Machined Highlights
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes:	
• Caliper Type	Dual-piston front, Dual-piston rear
• Rotor Type (diameter x width):	Front floating, Rear uniform expansion
• Front	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	10.24 in. x .28 in. (260 mm x 7.1 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	3.6 in. (91 mm)
• Rear Wheel	1.6 in. (41 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	73 ft. lb. @ 3500 rpm (99 Nm @ 3500 rpm)
Lean Angle (per J1168):	
• Right	27.1°
• Left	27.1°
Fuel Economy ⁶ (Estimated City/Hwy)	48 mpg (4.9 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system (375W @ 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
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system ⁷ (if equipped), ABS (if equipped)
Gauges	Handlebar-mounted electronic speedometer with odometer, time-of-day clock, dual tripmeter, low fuel warning light, low oil pressure light, engine diagnostics readout, LED indicator lights
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SPORTSTER®

ROADSTER™

Model Specifications¹ XL 1200CX

DIMENSIONS	
Length	86 in. (2185 mm)
Overall Width	33.9 in. (860 mm)
Overall Height	42.5 in. (1080 mm)
Seat Height:	
• Laden ²	29.5 in. (749 mm)
• Unladen	30.9 in. (785 mm)
Ground Clearance	5.9 in. (150 mm)
Rake (steering head)	28.9°
Fork Angle	27.4°
Trail	5.5 in. (140 mm)
Wheelbase	59.3 in. (1505 mm)
Tires (Dunlop® Harley-Davidson® Series, radial blackwall front and rear):	
• Front	120/70R19 M/C
• Rear	150/70R18 M/C
Fuel Capacity (warning light at approximately .8 gal.)	3.3 gal. (12.5 l)
Oil Capacity (w/filter)	2.8 qt. (2.6 l)
Transmission Capacity	1 qt. (1 l)
Weight:	
• As Shipped	551 lb. (250 kg)
• In Running Order	571 lb. (259 kg)
• Gross Vehicle Weight Rating	1000 lb. (454 kg)
• Gross Axle Weight Rating	
• Front	335 lb. (152 kg)
• Rear	665 lb. (302 kg)
ENGINE	
Engine	Air-cooled, Evolution®
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	3.5 in. x 3.8 in. (88.9 mm x 96.8 mm)
Displacement	73.4 cu. in. (1202 cc)
Compression Ratio	10:1
Fuel System ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Exhaust	Shorty-dual exhaust with chrome tapered mufflers with laser cut black heat shields
Lubrication System	Dry-sump

DRIVETRAIN	
Primary Drive	Chain, 38/57 ratio
Final Drive	Belt, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-Speed
Gear Ratios (overall):	U.S.
• 1st	9.315
• 2nd	6.653
• 3rd	4.948
• 4th	4.102
• 5th	3.517
CHASSIS	
Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Forks	43 mm inverted
Rear Shocks	Variable rate spring over 36 mm piston nitrogen gas-charged emulsion style shock with thread style preload adjustment
Wheels ⁴ :	Black Offset, Split 5-Spoke Cast Aluminum
• Front	19 in. x 3 in. (483 mm x 76 mm)
• Rear	18 in. x 4.3 in. (457 mm x 109 mm)
Brakes:	
• Caliper Type	Dual-piston front, Dual-piston rear
• Rotor Type (diameter x width):	Dual floating rotors (front), Rear uniform expansion rotor
• Front (dual)	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	10.24 in. x .28 in. (260 mm x 7.1 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	4.5 in. (114 mm)
• Rear Wheel	3.2 in. (81 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	76 ft. lb. @ 3750 rpm (103 Nm @ 3750 rpm)
Lean Angle (per J1168):	
• Right	30.8°
• Left	31.1°
Fuel Economy ⁶ (Estimated City/Hwy)	48 mpg (4.9 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system (375W @ 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
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system ⁷ (if equipped), ABS (if equipped)
Gauges	Dual Gauge – 4-inch Digital Speedometer/Analog Tachometer
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SOFTAIL®

2020 SOFTAIL® LINEUP

STREET BOB® FXBB

BREAKOUT® 114 FXBRS

SOFTAIL SLIM® FLSL

HERITAGE CLASSIC FLHC

HERITAGE CLASSIC 114 FLHCS

FAT BOY® 114 FLFBS

DELUXE FLDE

FAT BOB® 114 FXFBS

SPORT GLIDE® FLSB

LOW RIDER® FXLR

NEW LOW RIDER® S FXLRS

FXDR™ 114 FXDRS



SOFTAIL®

STREET BOB®

Model Specifications¹ FXBB

DIMENSIONS	
Length	91.3 in. (2320 mm)
Overall Width	34.1 in. (865 mm)
Overall Height	45.7 in. (1160 mm)
Seat Height:	
• Laden ²	25.8 in. (655 mm)
• Unladen	26.8 in. (680 mm)
Ground Clearance	4.9 in. (125 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	6.2 in. (157 mm)
Wheelbase	64.2 in. (1630 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D401F	100/90B19,57H,BW
• Rear – D401T	150/80B16,77H,BW
Fuel Capacity (warning light at approximately 1 gal.)	3.5 gal. (13.2 l)
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	630 lb. (286 kg)
• In Running Order	655 lb. (297 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.374 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	8.5 in. round, radial bolt cover with washable fiberglass filter media
Exhaust	2-into-2 offset shotgun; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79

CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; gaiter covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; cam-style preload adjustment
Wheels ⁴ :	Gloss Black, Steel Laced
• Front	19 in. x 2.5 in. (483 mm x 64 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Optional

Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)

PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	110 ft. lb. @ 3000 rpm (149 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	28.5°
• Left	28.5°
Fuel Economy ⁶ (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS (if equipped), security system ⁷ , low battery voltage, low fuel
Gauges	2.14-inch viewable area LCD display with speedometer, gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type, output 5V at 2.4A, capable of charging most smart phone models

WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SOFTAIL®

BREAKOUT® 114

Model Specifications¹ FXBR5

DIMENSIONS	
Length	93.3 in. (2370 mm)
Overall Width	37.4 in. (950 mm)
Overall Height	41.9 in. (1065 mm)
Seat Height:	
• Laden ²	25.6 in. (650 mm)
• Unladen	26.2 in. (665 mm)
Ground Clearance	4.5 in. (115 mm)
Rake (steering head)	34°
Fork Angle	36°
Trail	5.7 in. (145 mm)
Wheelbase	66.7 in. (1695 mm)
Tires (Michelin® Scorchers® "11" front and rear):	
• Front	130/60B21.63H,BW
• Rear	240/40R18,79V,BW
Fuel Capacity (warning light at approximately 1 gal.)	3.5 gal. (13.2 l)
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.43 qt. (1.35 l)
Weight:	
• As Shipped	648 lb. (294 kg)
• In Running Order	672 lb. (305 kg)
• Gross Vehicle Weight Rating	1175 lb. (533 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	760 lb. (345 kg)
ENGINE	
Engine	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 ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Ventilator intake with fiberglass media, washable exposed element with rain sock
Exhaust	2-into-2 staggered; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79

CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; toolless hydraulic preload adjustment
Wheels ⁴ :	
• Front	Gloss Black, Gasser II Cast Aluminum
• Rear	21 in. x 3.5 in. (533 mm x 89 mm)
	18 in. x 8 in. (457 mm x 203 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front and rear black, Split 7-spoke floating rotors
• Front	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)

PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	119 ft. lb. @ 3000 rpm (161 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	26.8°
• Left	26.8°
Fuel Economy ⁶ (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS, security system ⁷ , low battery voltage, low fuel
Gauges	2.14-inch viewable area LCD display with speedometer, gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type; output 5V at 2.4A
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 (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.

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.



SOFTAIL®

SOFTAIL SLIM®

Model Specifications¹ FLSL

DIMENSIONS	
Length	90.9 in. (2310 mm)
Overall Width	38.2 in. (970 mm)
Overall Height	43.1 in. (1095 mm)
Seat Height:	
• Laden ²	25.5 in. (648 mm)
• Unladen	26 in. (660 mm)
Ground Clearance	4.7 in. (120 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	5.8 in. (147 mm)
Wheelbase	64.2 in. (1630 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D401F	130/90B16,73H,BW
• Rear – D401T	150/80B16,77H,BW
Fuel Capacity (warning light at approximately 1 gal.)	5 gal. (18.9 l)
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	642 lb. (291 kg)
• In Running Order	671 lb. (304 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.374 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	8.5 in. round, center bolt cover with washable fiberglass filter media
Exhaust	2-into-2 shotgun; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79

CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; "beer can" covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; cam-style pre-load adjustment
Wheels ⁴ :	
• Front	Gloss Black, Steel Laced 16 in. x 3 in. (406 mm x 76 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)

PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	110 ft. lb. @ 3000 rpm (149 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	27.4°
• Left	27.4°
Fuel Economy ⁶ (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop	Incandescent bullets
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS (if equipped), security system ⁷ , low battery voltage, low fuel
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type; output 5V at 2.4A

WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SOFTAIL®

HERITAGE CLASSIC

Model Specifications¹ FLHC

DIMENSIONS	
Length	95.1 in. (2415 mm)
Overall Width	36.6 in. (930 mm)
Overall Height	53.9 in. (1370 mm)
Seat Height:	
• Laden ²	26.3 in. (668 mm)
• Unladen	26.8 in. (680 mm)
Ground Clearance	4.7 in. (120 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	5.5 in. (140 mm)
Wheelbase	64.2 in. (1630 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D401F	130/90B16,73H,BW
• Rear – D401T	150/80B16,77H,BW
Fuel Capacity	5 gal. (18.9 l)
(warning light at approximately 1 gal.)	
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	697 lb. (316 kg)
• In Running Order	728 lb. (330 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)
Luggage Capacity:	
• Volume	1.5 cu. ft. (.043 m ³)
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.374 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	8.5 in. round, center bolt cover with washable fiberglass filter media
Exhaust	2-into-2 shorty dual; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; "beer can" covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 56 mm stroke; hydraulic preload adjustment
Wheels ⁴ :	Chrome Steel Laced
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	4.4 in. (112 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	109 ft. lb. @ 3000 rpm (148 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	27.3°
• Left	28.5°
Fuel Economy ⁶ (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	Incandescent Zeppelin tail lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, auxiliary lighting, cruise, ABS, security system ⁷ , low battery voltage, low fuel
• Rear Turn Signals	Incandescent bullet light bar
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Auxiliary Lamps	LED fog
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SOFTAIL®

HERITAGE CLASSIC 114

Model Specifications¹ FLHCS

DIMENSIONS	
Length	95.1 in. (2415 mm)
Overall Width	36.6 in. (930 mm)
Overall Height	53.9 in. (1370 mm)
Seat Height:	
• Laden ²	26.3 in. (668 mm)
• Unladen	26.8 in. (680 mm)
Ground Clearance	4.7 in. (120 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	5.5 in. (140 mm)
Wheelbase	64.2 in. (1630 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D401F	130/90B16,73H,BW
• Rear – D401T	150/80B16,77H,BW
Fuel Capacity	5 gal. (18.9 l)
(warning light at approximately 1 gal.)	
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	697 lb. (316 kg)
• In Running Order	728 lb. (330 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)
Luggage Capacity:	
• Volume	1.5 cu. ft. (.043 m ³)
ENGINE	
Engine	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 ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Ventilator intake with fiberglass media, washable exposed element with rain sock
Exhaust	2-into-2 shorty dual; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; "beer can" covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 56 mm stroke; hydraulic preload adjustment
Wheels ⁴ :	Gloss Black, Steel Laced
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	4.4 in. (112 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	119 ft. lb. @ 3000 rpm (161 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	27.3°
• Left	28.5°
Fuel Economy ⁶ (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	Incandescent Zeppelin tail lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, auxiliary lighting, cruise, ABS, security system ⁷ , low battery voltage, low fuel
• Rear Turn Signals	Incandescent bullet light bar
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Auxiliary Lamps	LED fog
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SOFTAIL®

FAT BOY® 114

Model Specifications¹ FLFB5

DIMENSIONS	
Length	93.3 in. (2370 mm)
Overall Width	38.8 in. (985 mm)
Overall Height	43.1 in. (1095 mm)
Seat Height:	
• Laden ²	25.9 in. (658 mm)
• Unladen	26.6 in. (675 mm)
Ground Clearance	4.5 in. (115 mm)
Rake (steering head)	30°
Fork Angle	32°
Trail	4.1 in. (104 mm)
Wheelbase	65.6 in. (1665 mm)
Tires (Michelin® Scorchers® "11" front and rear):	
• Front	160/60R18,70V,BW
• Rear	240/40R18,79V,BW
Fuel Capacity (warning light at approximately 1 gal.)	5 gal. (18.9 l)
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.43 qt. (1.35 l)
Weight:	
• As Shipped	671 lb. (304 kg)
• In Running Order	699 lb. (317 kg)
• Gross Vehicle Weight Rating	1175 lb. (533 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	760 lb. (345 kg)
ENGINE	
Engine	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 ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Ventilator intake with fiberglass media, washable exposed element with rain sock
Exhaust	2-into-2 staggered; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; "beer can" covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; toolless hydraulic preload adjustment
Wheels ⁴ :	Machined, Lakester Cast Aluminum
• Front	18 in. x 4.5 in. (457 mm x 114 mm)
• Rear	18 in. x 8 in. (457 mm x 203 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front and rear silver, Split 7-spoke floating rotors
• Front	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	119 ft. lb. @ 3000 rpm (161 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	25.6°
• Left	25.6°
Fuel Economy ⁶ (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS, security system ⁷ , low battery voltage, low fuel
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SOFTAIL®

DELUXE

Model Specifications¹ FLDE

DIMENSIONS	
Length	95.1 in. (2415 mm)
Overall Width	37.6 in. (955 mm)
Overall Height	44.3 in. (1125 mm)
Seat Height:	
• Laden ²	25.9 in. (658 mm)
• Unladen	26.8 in. (680 mm)
Ground Clearance	4.5 in. (115 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	5.7 in. (145 mm)
Wheelbase	64.2 in. (1630 mm)
Tires (Dunlop® Harley-Davidson® Series, wide whitewall):	
• Front – D402F	MT90B16 72H
• Rear – D402	MU85B16 77H
Fuel Capacity (warning light at approximately 1 gal.)	5 gal. (18.9 l)
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	668 lb. (303 kg)
• In Running Order	697 lb. (316 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.374 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	8.5 in. round, center bolt cover with washable fiberglass filter media
Exhaust	2-into-2 shorty dual; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; "beer can" covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; cam-style preload adjustment
Wheels ⁴ :	Chrome Steel Laced
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	109 ft. lb. @ 3000 rpm (148 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	28°
• Left	28°
Fuel Economy ⁶ (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop	LED tombstone tail lamp
• Front Signal Lights	Integrated LED
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, auxiliary lighting, ABS, security system ⁷ , low battery voltage, low fuel
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Auxiliary Lamps	LED fog
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SOFTAIL®

FAT BOB® 114

Model Specifications¹ FXFBS

DIMENSIONS	
Length	92.1 in. (2340 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	43.7 in. (1110 mm)
Seat Height:	
• Laden ²	27.7 in. (704 mm)
• Unladen	28 in. (710 mm)
Ground Clearance	4.7 in. (120 mm)
Rake (steering head)	28°
Fork Angle	28°
Trail	5.2 in. (132 mm)
Wheelbase	63.6 in. (1615 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D429F	150/80-16, 71H, BW
• Rear – D429	180/70B16, 77H, BW
Fuel Capacity (warning light at approximately 1 gal.)	3.6 gal. (13.6 l)
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	653 lb. (296 kg)
• In Running Order	676 lb. (306 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)
ENGINE	
Engine	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 ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Ventilator intake with fiberglass media, washable exposed element with rain sock
Exhaust	2-into-2 shorty dual; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79

CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Single cartridge 43 mm inverted with aluminum fork triple clamps; triple rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 56 mm stroke; toolless hydraulic preload adjustment
Wheels ⁴ :	Denim Black, Structure Cast Aluminum with laser etched graphics
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front and rear black, Split 7-spoke floating rotors
• Front (dual)	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard

Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	4.4 in. (113 mm)

PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	118 ft. lb. @ 3500 rpm (160 Nm @ 3500 rpm)
Lean Angle (per J1168):	
• Right	31°
• Left	32°
Fuel Economy ⁶ (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	Incandescent bullets
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS, security system ⁷ , low battery voltage, low fuel
• Rear Turn Signals	Incandescent bullet light bar
Gauges	4-inch analog tachometer with digital speedometer, gear, odometer, fuel level, clock, trip and range indication
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SOFTAIL[®]

SPORT GLIDE[®]

Model Specifications¹ FLSB

DIMENSIONS	
Length	91.5 in. (2325 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	44.1 in. (1120 mm)
Seat Height:	
• Laden ²	25.7 in. (653 mm)
• Unladen	26.8 in. (680 mm)
Ground Clearance	4.7 in. (120 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	5.9 in. (150 mm)
Wheelbase	64 in. (1625 mm)
Tires (Michelin [®] Scorchers [®] "31" front and rear):	
• Front	130/70B18 63H BW
• Rear	180/70B16 77H BW
Fuel Capacity (warning light at approximately 1 gal.)	5 gal. (18.9 l)
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	670 lb. (304 kg)
• In Running Order	699 lb. (317 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)
Luggage Capacity:	
• Volume	1.9 cu. ft. (0.05 m ³)
ENGINE	
Engine	Milwaukee-Eight [®] 107
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 mm)
Displacement	107 cu. in. (1746 cc)
Compression Ratio	10.0:1
Fuel System ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	8.5 in. round, radial bolt cover with washable fiberglass filter media
Exhaust	2-into-1; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive [®]
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Single cartridge 43 mm inverted with aluminum fork triple clamps; triple rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; toolless hydraulic pre-load adjustment
Wheels ⁴ :	Black, Machine Highlighted, Mantis Cast Aluminum
• Front	18 in. x 3.5 in. (457 mm x 89 mm)
• Rear	16 in. x 5 in. (432 mm x 127 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front black, split 7-spoke floating rotor, rear solid, uniform expansion rotor
• Front	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	108 ft. lb. @ 2750 rpm (146 Nm @ 2750 rpm)
Lean Angle (per J1168):	
• Right	27.9°
• Left	28.7°
Fuel Economy ⁶ (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	Integrated LED
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, cruise, ABS, security system ⁷ , low battery voltage, low fuel
• Rear Turn Signals	Integrated LED
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SOFTAIL[®]

LOW RIDER[®]

Model Specifications¹ FXLR

DIMENSIONS	
Length	92.7 in. (2355 mm)
Overall Width	38 in. (965 mm)
Overall Height	45.5 in. (1155 mm)
Seat Height:	
• Laden ²	26.2 in. (665 mm)
• Unladen	27.2 in. (690 mm)
Ground Clearance	5.1 in. (130 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	6.4 in. (163 mm)
Wheelbase	64.2 in. (1630 mm)
Tires (Michelin [®] Scorchers [®] "31" front and rear):	
• Front	110/90B19.62H,BW
• Rear	180/70B16.77H,BW
Fuel Capacity (warning light at approximately 1 gal.)	5 gal. (18.9 l)
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	633 lb. (287 kg)
• In Running Order	661 lb. (300 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)
ENGINE	
Engine	Milwaukee-Eight [®] 107
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 mm)
Displacement	107 cu. in. (1746 cc)
Compression Ratio	10.0:1
Fuel System ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	8.5 in. round, center bolt cover with washable fiberglass filter media
Exhaust	2-into-2 shotgun; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive [®]
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual-bending valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; cam-style preload adjustment
Wheels ⁴ :	Black, Machine Highlighted, Radiate Cast Aluminum
• Front	19 in. x 2.5 in. (483 mm x 64 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	110 ft. lb. @ 3000 rpm (149 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	29.6°
• Left	29.6°
Fuel Economy ⁶ (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	Incandescent Zeppelin tail lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS (if equipped), security system ⁷ , low battery voltage, low fuel
• Rear Turn Signals	Incandescent bullets
Gauges	4-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication; 4-inch analog tachometer
Electric Power Outlet	USB A-type; output 5V at 2.4A
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 (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.

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.



SOFTAIL[®]

LOW RIDER[®] S

Model Specifications¹ FXLRS

DIMENSIONS

Length	92.7 in. (2355 mm)
Overall Width	33.5 in. (850 mm)
Overall Height	45.7 in. (1160 mm)
Seat Height:	
• Laden ²	26.5 in. (673 mm)
• Unladen	27.2 in. (690 mm)
Ground Clearance	4.7 in. (120 mm)
Rake (steering head)	28°
Fork Angle	28°
Trail	5.7 in. (145 mm)
Wheelbase	63.6 in. (1615 mm)

Tires (Michelin[®] Scorchers[®] "31" front and rear):

• Front	110/90B19,62H,BW
• Rear	180/70B16,77H,BW

Fuel Capacity

(warning light at approximately 1 gal.)

Oil Capacity (w/filter)

Transmission Capacity

Primary Chain Case

Capacity

Weight:

• As Shipped

• In Running Order

• Gross Vehicle Weight

Rating

• Gross Axle Weight Rating

• Front

• Rear

ENGINE

Engine	Milwaukee-Eight [®] 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder

Bore x Stroke

Displacement

Compression Ratio

Fuel System³

Air Cleaner

Exhaust

Lubrication System

DRIVETRAIN

Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive [®]
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79

CHASSIS

Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Single cartridge 43 mm inverted with aluminum fork triple clamps; triple rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; hydraulic preload adjustment
Wheels ⁴ :	Dark Bronze, Radiate Cast Aluminum
• Front	19 in. x 2.5 in. (483 mm x 64 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front and rear black, Split 7-spoke floating rotors
• Front	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	4.4 in. (112 mm)

PERFORMANCE

Engine Torque ⁵ (per J1349):	
• North America	119 ft. lb. @ 3000 rpm (161 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	30.1°
• Left	30.1°
Fuel Economy ⁶ (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC

Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	LED Zeppelin tail lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, auxiliary lighting, cruise, ABS, security system ⁷ , low battery voltage, low fuel
• Rear Turn Signals	Incandescent bullet turn signals
Gauges	4-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication; 4-inch analog tachometer
Electric Power Outlet	USB A-type; output 5V at 2.4A

WARRANTY

Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



SOFTAIL[®]

FXDR[™] 114

Model Specifications¹ FXDRS

DIMENSIONS	
Length	95.5 in. (2425 mm)
Overall Width	36.4 in. (925 mm)
Overall Height	42.7 in. (1085 mm)
Seat Height:	
• Laden ²	27.7 in. (704 mm)
• Unladen	28.3 in. (720 mm)
Ground Clearance	5.5 in. (140 mm)
Rake (steering head)	34°
Fork Angle	34.75°
Trail	4.7 in. (120 mm)
Wheelbase	68.3 in. (1735 mm)
Tires (Michelin [®] Scorcher [™] "11" front and rear):	
• Front	120/70ZR-19 60W
• Rear	240/40R-18 79V
Fuel Capacity	4.4 gal. (16.7 l)
(warning light at approximately 1.4 gal.)	
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.43 qt. (1.35 l)
Weight:	
• As Shipped	637 lb. (289 kg)
• In Running Order	668 lb. (303 kg)
• Gross Vehicle Weight Rating	1175 lb. (533 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	760 lb. (345 kg)
ENGINE	
Engine	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 ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Upswept intake with synthetic media, washable exposed element
Exhaust	2-into-1; catalyst in header
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive ⁴
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; high strength aluminum, tubular rear support; forged mounting points; TIG welded
Swingarm	One-piece cast aluminum
Front Forks	Single cartridge 43 mm inverted with aluminum fork triple clamps; triple rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; toolless hydraulic preload adjustment
Wheels ⁴ :	Gloss/Satin Black, Split 5-Spoke, Cast Aluminum with laser etched graphics (front), Gloss/Satin Black, Solid Disc, Ace Cast Aluminum with laser etched graphics (rear)
• Front	19 in. x 3 in. (483 mm x 76 mm)
• Rear	18 in. x 8 in. (457 mm x 203 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front and rear black, Split 7-spoke floating rotors
• Front (dual)	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)

PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	119 ft. lb. @ 3500 rpm (162 Nm @ 3500 rpm)
Lean Angle (per J1168):	
• Right	32.6°
• Left	32.8°
Fuel Economy ⁶ (Estimated City/Hwy)	46 mpg (5.1 l/100 km)
ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp Integrated LED
• Front Signal Lights	High beam, turn signals, neutral, low oil pressure, engine diagnostics, cruise, ABS, security system ⁷ , low battery voltage, low fuel
• Indicator Lamps	Integrated LED
• Rear Turn Signals	Integrated LED
Gauges	2.14 inch viewable area LCD display with speedometer, gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.

TOURING

2020 TOURING LINEUP

ROAD KING® FLHR

ROAD KING® SPECIAL FLHRXS

ELECTRA GLIDE® STANDARD FLHT

ULTRA LIMITED FLHTK

STREET GLIDE® FLHX

STREET GLIDE® SPECIAL FLHXS

ROAD GLIDE® FLTRX

ROAD GLIDE® SPECIAL FLTRXS

NEW ROAD GLIDE® LIMITED FLTRK



TOURING

ROAD KING® Model Specifications¹ FLHR

DIMENSIONS	
Length	96.5 in. (2450 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	56.3 in. (1430 mm)
Seat Height:	
• Laden ²	26.3 in. (667 mm)
• Unladen	27.8 in. (705 mm)
Ground Clearance	5.3 in. (135 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 130/70B18 63H
• Rear – D407T	BW 180/55B18 80H
Fuel Capacity (warning light at approximately 1 gal.)	6 gal. (22.7 l)
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity ³	1.1 qt. (1 l)
Weight:	
• As Shipped	794 lb. (360 kg)
• In Running Order	828 lb. (375 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	2.3 cu. ft. (0.064 m ³)
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.374 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
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 Dual Bending Valve
Rear Shocks	Premium standard height hand-adjustable rear suspension
Wheels ⁴ :	Slicer II Cast Aluminum
• Front	18 in. x 3.5 in. (457 mm x 89 mm)
• Rear	18 in. x 5 in. (457 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	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	111 ft. lb. @ 3250 rpm (151 Nm @ 3250 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	32°
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 (Dual Halogen)	55-watt 625 lumen low beam, 65-watt 1,570 lumen high beam with switchable 440 lumen halogen fog lights. Total of 986 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 light bar, neutral, low oil pressure, engine diagnostics, turn signals, battery, security system ⁷ , low fuel warning, cruise control, ABS, Gear/RPM display, miles to empty display
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 @ 35W each
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



TOURING

ROAD KING® SPECIAL Model Specifications¹ FLHRXS

DIMENSIONS	
Length	95.3 in. (2420 mm)
Overall Width	39 in. (990 mm)
Overall Height	45.3 in. (1150 mm)
Seat Height:	
• Laden ²	26.4 in. (671 mm)
• Unladen	27.4 in. (695 mm)
Ground Clearance	4.9 in. (125 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.9 in. (175 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	130/60B19 61H
• Rear – D407T	180/55B18 80H
Fuel Capacity (warning light at approximately 1 gal.)	6 gal. (22.7 l)
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity ³	1.1 qt. (1 l)
Weight:	
• As Shipped	774 lb. (351 kg)
• In Running Order	807 lb. (366 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	2.5 cu. ft. (0.07 m ³)
ENGINE	
Engine	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 ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Black, 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 section; forged junctions; MIG welded
Swingarm	Mild steel, two piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium low height hand-adjustable rear suspension
Wheels ⁴ :	Gloss Black Prodigy
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	18 in. x 5 in. (457 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	4.6 in. (117 mm)
• Rear Wheel	2.15 in. (54.6 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	123 ft. lb. @ 3000 rpm (167 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	31°
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 (Dual Halogen)	55-watt 625 lumen low beam, 65-watt 1,570 lumen high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, directional light bar, neutral, low oil pressure, engine diagnostics, turn signals, battery, security system ⁷ , low fuel warning, cruise control, ABS, Gear/RPM display, miles to empty display
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
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



TOURING

ELECTRA GLIDE® STANDARD Model Specifications¹ FLHT

DIMENSIONS	
Length	94.5 in. (2400 mm)
Overall Width	38 in. (965 mm)
Overall Height	55.3 in. (1405 mm)
Seat Height:	
• Laden ²	26.1 in. (663 mm)
• Unladen	26.8 in. (680 mm)
Ground Clearance	4.7 in. (120 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 gal.)	6 gal. (22.7 l)
Oil Capacity (w/filter)	5 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity ³	1.1 qt. (1 l)
Weight:	
• As Shipped	781 lb. (354 kg)
• In Running Order	820 lb. (372 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	2.3 cu. ft. (0.064 m ³)
ENGINE	
Engine	Milwaukee-Eight® 107
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 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
Exhaust	Black, 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 section; forged junctions; MIG welded
Swingarm	Mild steel, two piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium low height hand-adjustable rear suspension
Wheels ⁴ :	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	4.6 in. (117 mm)
• Rear Wheel	2.15 in. (55 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	111 ft. lb. @ 3250 rpm (151 Nm @ 3250 rpm)
Lean Angle (per J1168):	
• Right	31°
• Left	29°
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 (Dual Halogen)	55-watt 625 lumen low beam, 65-watt 1,570 lumen high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, directional lights, low oil pressure, engine diagnostics, neutral, cruise control, accessory, battery, gear indication, security system ⁷ , 6-speed, low fuel warning, ABS, miles to empty display, fog/aux lamp indicator
• Rear Turn Signals	27W
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
Electric Power Outlet	Electric power accessory port in fairing
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 (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.

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.



TOURING

ULTRA LIMITED Model Specifications¹ FLHTK

DIMENSIONS	
Length	102.3 in. (2600 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	56.7 in. (1440 mm)
Seat Height:	
• Laden ²	27.5 in. (699 mm)
• Unladen	29.1 in. (740 mm)
Ground Clearance	5.3 in. (135 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 130/70B18 63H
• Rear – D407T	BW 180/55B18 80H
Fuel Capacity (warning light at approximately 1 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 ³	1.1 qt. (1 l)
Coolant Capacity	0.8 qt. (0.76 l)
Weight:	
• As Shipped	880 lb. (399 kg)
• In Running Order	917 lb. (416 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 ³	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 section; forged junctions; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium standard height hand-adjustable rear suspension
Wheels ⁴ (Gloss Black Slicer II option):	Slicer II Cast Aluminum with Clear Coat
• Front	18 in. x 3.5 in. (457 mm x 89 mm)
• Rear	18 in. x 5 in. (457 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	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	122 ft. lb. @ 3000 rpm (166 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	32°
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 8W/28W
• Tail/Stop Lights	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
• Indicator Lamps	
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)	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

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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.



TOURING

STREET GLIDE® Model Specifications¹ FLHX

DIMENSIONS	
Length	96.5 in. (2450 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	53.1 in. (1350 mm)
Seat Height:	
• Laden ²	26.1 in. (664 mm)
• Unladen	27.4 in. (695 mm)
Ground Clearance	5.3 in. (135 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	130/60B19 61H
• Rear – D407T	BW 180/55B18 80H
Fuel Capacity (warning light at approximately 1 gal.)	6 gal. (22.7 l)
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity ³	1.1 qt. (1 l)
Weight:	
• As Shipped	796 lb. (361 kg)
• In Running Order	829 lb. (376 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	2.3 cu. ft. (0.064 m ³)
ENGINE	
Engine	Milwaukee-Eight® 107
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 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
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 section; forged junctions; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium low hand-adjustable rear suspension
Wheels ⁴ :	Enforcer II Cast Aluminum
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	18 in. x 5 in. (457 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	4.6 in. (117 mm)
• Rear Wheel	2.1 in. (54 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	111 ft. lb. @ 3250 rpm (151 Nm @ 3250 rpm)
Lean Angle (per J1168):	
• Right	31°
• Left	29°
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 (Dual Halogen)	55-watt 625 lumen low beam, 65-watt 1,570 high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, directional lights, low oil pressure, engine diagnostics, neutral, cruise control, speakers, accessory, battery, gear indication, security system ⁷ , 6-speed, low fuel warning, ABS, miles to empty display, fog/aux lamp indicator
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
Electric Power Outlet	Electric power accessory port in fairing
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



TOURING

STREET GLIDE® SPECIAL Model Specifications¹ FLHXS

DIMENSIONS	
Length	95.5 in. (2425 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	52.6 in. (1335 mm)
Seat Height:	
• Laden ²	26.1 in. (664 mm)
• Unladen	27.2 in. (690 mm)
Ground Clearance	4.9 in. (125 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.8 in. (173 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	130/60B19 61H
• Rear – D407T	180/55B18 80H
Fuel Capacity (warning light at approximately 1 gal.)	6 gal. (22.7 l)
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity ³	1.1 qt. (1 l)
Weight:	
• As Shipped	792 lb. (359 kg)
• In Running Order	827 lb. (375 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	2.5 cu. ft. (0.071 m ³)
ENGINE	
Engine	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	Black, 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 section; forged junctions; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium low hand-adjustable rear suspension
Wheels ⁴ :	Gloss Black Prodigy
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	18 in. x 5 in. (457 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	4.6 in. (117 mm)
• Rear Wheel	2.15 in. (54.6 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	123 ft. lb. @ 3000 rpm (167 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	31°
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 (Dual Halogen)	55-watt 625 lumen low beam, 65-watt 1,570 lumen high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, directional lights, low oil pressure, neutral, engine diagnostics, battery, cruise control, speakers, accessory, security system ⁷ , gear indication, low fuel warning, ABS, miles to empty display, fog/aux lamp indicator
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
Electric Power Outlet	Electric power accessory port in fairing
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 (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.

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.



TOURING

ROAD GLIDE® Model Specifications¹ FLTRX

DIMENSIONS	
Length	95.7 in. (2430 mm)
Overall Width	38.6 in. (980 mm)
Overall Height	51.6 in. (1310 mm)
Seat Height:	
• Laden ²	25.9 in. (658 mm)
• Unladen	27.4 in. (695 mm)
Ground Clearance	5.5 in. (140 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.8 in. (173 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	130/60B19 61H
• Rear – D407T	BW 180/55B18 80H
Fuel Capacity (warning light at approximately 1 gal.)	6 gal. (22.7 l)
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity ³	1.1 qt. (1 l)
Weight:	
• As Shipped	820 lb. (372 kg)
• In Running Order	855 lb. (388 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	2.3 cu. ft. (0.064 m ³)
ENGINE	
Engine	Milwaukee-Eight® 107
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 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
Exhaust	Black, 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 Dual Bending Valve
Rear Shocks	Premium low hand-adjustable rear suspension
Wheels ⁴ :	Enforcer II Cast Aluminum
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	18 in. x 5 in. (457 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	4.6 in. (117 mm)
• Rear Wheel	2.13 in. (54 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	111 ft. lb. @ 3250 rpm (151 Nm @ 3250 rpm)
Lean Angle (per J1168):	
• Right	31°
• Left	29°
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)	40-watt, 1,060 lumen low beam, 60-watt, 1,560 lumen high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, directional lights, low oil pressure, neutral, engine diagnostics, battery, cruise control, speakers, accessory, security system ⁷ , gear indication, low fuel warning, ABS, miles to empty display, fog/aux lamp indicator
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
Electric Power Outlet	Electric power accessory port in fairing
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



TOURING

ROAD GLIDE® SPECIAL Model Specifications¹ FLTRXS

DIMENSIONS	
Length	95.7 in. (2430 mm)
Overall Width	39 in. (990 mm)
Overall Height	52.2 in. (1325 mm)
Seat Height:	
• Laden ²	25.9 in. (658 mm)
• Unladen	27.4 in. (695 mm)
Ground Clearance	5.1 in. (130 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.8 in. (173 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	130/60B19 61H
• Rear – D407T	180/55B18 80H
Fuel Capacity (warning light at approximately 1 gal.)	6 gal. (22.7 l)
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity ³	1.1 qt. (1 l)
Weight:	
• As Shipped	818 lb. (371 kg)
• In Running Order	853 lb. (387 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	2.7 cu. ft. (0.071 m ³)
ENGINE	
Engine	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 ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Black, 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 Dual Bending Valve
Rear Shocks	Premium low hand-adjustable rear suspension
Wheels ⁴ :	Gloss Black Prodigy
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	18 in. x 5 in. (457 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	4.6 in. (117 mm)
• Rear Wheel	2.1 in. (54 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	123 ft. lb. @ 3000 rpm (167 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	31°
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)	40-watt, 1,060 lumen low beam, 60-watt, 1,560 lumen high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, directional lights, low oil pressure, neutral, engine diagnostics, battery, cruise control, speakers, accessory, security system ⁷ , gear indication, low fuel warning, ABS, miles to empty display, fog/aux lamp indicator
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
Electric Power Outlet	Electric power accessory port in fairing
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

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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.



TOURING

ROAD GLIDE® LIMITED Model Specifications¹ FLTRK

DIMENSIONS	
Length	102.2 in. (2595 mm)
Overall Width	36.6 in. (930 mm)
Overall Height	56.1 in. (1425 mm)
Seat Height:	
• Laden ²	27.2 in. (690 mm)
• Unladen	28.9 in. (735 mm)
Ground Clearance	5.1 in. (130 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	130/70B18 63H
• Rear – D407T	BW 180/55B18 80H
Fuel Capacity (warning light at approximately 1 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 ³	1.1 qt. (1 l)
Coolant Capacity	.8 qt. (.76 l)
Weight:	
• As Shipped	897 lb. (407 kg)
• In Running Order	932 lb. (423 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 ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Chrome dual exhaust with 4 in. touring mufflers and touring muffler shields
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 section; forged junctions; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium standard height hand-adjustable rear suspension
Wheels ⁴ (Gloss Black Slicer II option):	Slicer II Cast Aluminum with Clear Coat
• Front	18 in. x 3.5 in. (457 mm x 89 mm)
• Rear	18 in. x 5 in. (457 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	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 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)	40-watt, 1,060 lumen low beam, 60-watt, 1,560 lumen high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, neutral, running lights, turn signals, low oil pressure, engine diagnostics, cruise control, speakers, accessory, security system ⁷ , 6-speed, low fuel warning, ABS 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
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

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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.

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TRIKE

2020 TRIKE LINEUP

TRI GLIDE® ULTRA FLHTCUTG
FREEWHEELER® FLRT



TRIKE

TRI GLIDE® ULTRA Model Specifications¹ FLHTCUTG

DIMENSIONS	
Length	105.1 in. (2670 mm)
Overall Width	54.7 in. (1390 mm)
Overall Height	56.3 in. (1430 mm)
Seat Height:	
• Laden ²	27.1 in. (688 mm)
• Unladen	28.9 in. (735 mm)
Ground Clearance	4.9 in. (125 mm)
Rake (steering head)	26°
Fork Angle	32°
Trail	3.94 in. (100 mm)
Wheelbase	65.7 in. (1670 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and radial blackwall rear):	
• Front – D402F	MT90B16 72H
• Rear – Signature	P205/65R15 92T
Fuel Capacity (warning light at approximately 1 gal.)	6 gal. (22.7 l)
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1.1 qt. (1 l)
Primary Chain Case Capacity ³	1.1 qt. (1 l)
Coolant Capacity	0.8 qt. (.75 l)
Weight:	
• As Shipped	1204 lb. (546 kg)
• In Running Order	1243 lb. (564 kg)
• Gross Vehicle Weight Rating	1700 lb. (771 kg)
• Gross Axle Weight Rating	
• Front	511 lb. (232 kg)
• Rear	1188 lb. (539 kg)
Luggage Capacity:	
• Volume	6.8 cu. ft. (0.19 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 ³	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

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 30/70 ratio
Clutch	Hydraulically actuated 10 plate, wet Assist & Slip
Transmission	6-Speed Cruise Drive
Gear Ratios (overall):	U.S.
• 1st	10.534
• 2nd	7.302
• 3rd	5.423
• 4th	4.392
• 5th	3.741
• 6th	3.157
CHASSIS	
Frame	Mild steel, square-section backbone with twin downtubes
Swingarm	Mild steel, rectangular tube sections with plate junctions; MIG welded
Front Forks	49 mm dual bending valve
Rear Shocks	Premium hand-adjustable emulsion rear suspension
Wheels ⁴ :	Black, 7-Spoke Cast Aluminum
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	15 in. x 5.5 in. (381 mm x 140 mm)
Brakes:	
• Caliper Type	Front: 32 mm 4 piston fixed Rear: floating 36 mm piston integrated park brake
• 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	10.6 in. x .24 in. (270 mm x 6 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	121 ft. lb. @ 3250 rpm (164 Nm @ 3250 rpm)
Fuel Economy ⁶ (Estimated City/Hwy)	42 mpg (5.6 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	Two @ 8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High Beam, running lights, front fender running lights, directional lights, battery, neutral, low oil pressure, engine diagnostics, cruise control, security system ⁷ , low fuel warning, reverse, park brake, fog/aux lamp indicator
Gauges	Speedometer, tachometer, fuel, and voltage gauges; display features odometer, trip A, trip B, range to empty, gear indicator
Auxiliary Lamps (except where prohibited by law)	Two LED @ 20W each
Electric Power Outlet	Electric power accessory port in fairing
GPS System	Boom!™ Box 6.5GT audio system with GPS and touchscreen
Reverse Gear	Electric reverse actuated by handlebar mounted hand controls
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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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.



TRIKE

FREEWHEELER® Model Specifications¹ FLRT

DIMENSIONS	
Length	103 in. (2615 mm)
Overall Width	55.3 in. (1405 mm)
Overall Height	45.3 in. (1150 mm)
Seat Height:	
• Laden ²	26.2 in. (665 mm)
• Unladen	27.6 in. (700 mm)
Ground Clearance	4.9 in. (125 mm)
Rake (steering head)	26°
Fork Angle	32.2°
Trail	3.96 in. (101 mm)
Wheelbase	65.7 in. (1670 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and radial blackwall rear):	
• Front – D408F	MT 130/60B19 M/C 61H
• Rear – Signature	P205/65R15
Fuel Capacity	6 gal. (22.7 l)
(warning light at approximately 1 gal.)	
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1.1 qt. (1 l)
Primary Chain Case Capacity ³	1.1 qt. (1 l)
Weight:	
• As Shipped	1085 lb. (492 kg)
• In Running Order	1118 lb. (507 kg)
• Gross Vehicle Weight Rating	1700 lb. (771 kg)
• Gross Axle Weight Rating	
• Front	511 lb. (232 kg)
• Rear	1188 lb. (539 kg)
Luggage Capacity:	
• Volume	2 cu. ft. (0.06 m ³)
ENGINE	
Engine	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	Shorty slash down-style chrome finish mufflers
Lubrication System	Pressurized, dry-sump with fan-assisted oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 30/70 ratio
Clutch	Hydraulically actuated 10 plate, wet Assist & Slip
Transmission	6-Speed Cruise Drive
Gear Ratios (overall):	U.S.
• 1st	10.534
• 2nd	7.302
• 3rd	5.423
• 4th	4.392
• 5th	3.741
• 6th	3.157
CHASSIS	
Frame	Mild steel, square-section backbone with twin downtubes
Swingarm	Mild steel, rectangular tube sections with plate junctions; MIG welded
Front Forks	49 mm dual bending valve
Rear Shocks	Premium hand-adjustable emulsion rear suspension
Wheels ⁴ :	Enforcer Cast Aluminum
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	15 in. x 5.5 in. (381 mm x 140 mm)
Brakes:	
• Caliper Type	Front: 32 mm 4 piston fixed Rear: floating 36 mm piston integrated park brake
• 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	10.6 in. x .24 in. (270 mm x 6 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	122 ft. lb. @ 2250 rpm (165 Nm @ 2250 rpm)
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 (Dual Halogen)	Dual halogen headlight 55-watt 625 lumen low beam, 65-watt 1,570 lumen high beam with switchable 26 watt 440 lumen halogen fog lights. Total of 986 lumen output at low beam with fog lights
• Tail/Stop Lights	Two @ 8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, battery, neutral, low oil pressure, engine diagnostics, cruise control, security system ⁷ , gear indicator, low fuel warning, reverse, park brake
Gauges	Speedometer, fuel gauges; display features odometer, trip A, trip B, range to empty, and gear indicator
Reverse Gear	Electric reverse actuated by handlebar mounted hand controls
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 (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.

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.



CUSTOM VEHICLE OPERATIONS™

2020 CVO™ LINEUP

CVO™ LIMITED FLHTKSE

CVO™ STREET GLIDE® FLHXSE

NEW CVO™ TRI GLIDE® FLHTCUTGSE



CVO™

CVO™ LIMITED
Model Specifications¹ FLHTKSE

DIMENSIONS

Length	102.4 in. (2600 mm)
Overall Width	42.5 in. (1080 mm)
Overall Height	56.7 in. (1440 mm)
Seat Height:	
• Laden ²	27.7 in. (704 mm)
• Unladen	29.9 in. (760 mm)
Ground Clearance	4.9 in. (125 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 130/60B19 61H
• Rear – D407	BW 180/55B18 80H
Fuel Capacity (warning light at approximately 1 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 ³	1.1 qt. (1 l)
Weight:	
• As Shipped	906 lb. (411 kg)
• In Running Order	944 lb. (428 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	926 lb. (420 kg)
Luggage Capacity:	
• Volume	4.7 cu. ft. (0.132 m ³)

ENGINE

Engine	Twin-Cooled™ Milwaukee-Eight® 117
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.075 in. x 4.5 in. (104 mm x 114 mm)
Displacement	117 cu. in. (1923 cc)
Compression Ratio	10.2:1
Fuel System ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Dual, with crossover
Lubrication System	Pressurized, dry-sump

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 section; forged junctions; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium standard height hand-adjustable rear suspension
Wheels ⁴ (Denim Black and Contrast Gloss Black Tomahawk, Gloss Black and Contrast Smoked Satin Tomahawk options):	Gloss Black and Contrast Satin Tomahawk
• Front	19 in. x 3 in. (483 mm x 76 mm)
• Rear	18 in. x 5 in. (457 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	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 mm)

PERFORMANCE

Engine Torque ⁵ (per J1349):	
• North America	125 ft. lb. @ 3500 rpm (169 Nm @ 3500 rpm)

Lean Angle (per J1168):	
• Right	34.3°
• Left	33.4°

Fuel Economy ⁶ (Estimated City/Hwy)	41 mpg (5.7 l/100 km)
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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	Daymaker™ Adaptive LED Headlamp with fog lights
• Tail/Stop Lights	LED
• Front Signal Lights	LED
• Indicator Lamps	Headlight, running lights, directional lights, neutral, low oil pressure, check engine, turn signals, security/fault indication, gear indication, neutral, low fuel warning, cruise control, ABS, Low Tire Pressure/TPMS indicator, Traction Control, Rain Mode, Vehicle Hold Control (VHC), fog/aux lamp indicator LED
• Rear Turn Signals	
Gauges	Custom gauges styled to complement each CVO 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	Boom!™ Box GTS 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

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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.



CVO™

CVO™ STREET GLIDE® Model Specifications¹ FLHXSE

DIMENSIONS	
Length	95.9 in. (2435 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	53 in. (1345 mm)
Seat Height:	
• Laden ²	26.1 in. (663 mm)
• Unladen	27.2 in. (690 mm)
Ground Clearance	5.1 in. (130 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	130/60B19 61H
• Rear – D407	180/55B18 80H
Fuel Capacity (warning light at approximately 1 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 ³	1.1 qt. (1 l)
Weight:	
• As Shipped	831 lb. (377 kg)
• In Running Order	866 lb. (393 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	2.4 cu. ft. (0.068 m ³)
ENGINE	
Engine	Milwaukee-Eight® 117
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.075 in. x 4.5 in. (104 mm x 114 mm)
Displacement	117 cu. in. (1923 cc)
Compression Ratio	10.2:1
Fuel System ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Dual, with crossover
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 Dual Bending Valve
Rear Shocks	Premium Low Hand-Adjustable Rear Suspension
Wheels ⁴ (Charcoal Gray Fugitive option):	Gloss Black Fugitive
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	18 in. x 5 in. (457 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	4.6 in. (117 mm)
• Rear Wheel	2.15 in. (54.6 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	125 ft. lb. @ 3500 rpm (169 Nm @ 3500 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	31°
Fuel Economy ⁶ (Estimated City/Hwy)	41 mpg (5.7 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	Daymaker™ Adaptive LED Headlamp
• Tail/Stop Lights	LED
• Front Signal Lights	LED
• Indicator Lamps	Headlight, running lights, directional lights, neutral, low oil pressure, check engine, turn signals, security/fault indication, gear indication, neutral, low fuel warning, cruise control, ABS, Low Tire Pressure/TPMS indicator, Traction Control, Rain Mode, Vehicle Hold Control (VHC)
• Rear Turn Signals	LED
Gauges	Custom gauges styled to complement each CVO vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Electric Power Outlet	Electric power accessory port in fairing and Tour-Pak®
GPS System	Boom!™ Box GTS 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

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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.



CVO™

CVO™ TRI GLIDE®

Model Specifications¹ FLHTCUTGSE

DIMENSIONS	
Length	105.1 in. (2670 mm)
Overall Width	54.7 in. (1390 mm)
Overall Height	52.4 in. (1330 mm)
Seat Height:	
• Laden ²	25.9 in. (658 mm)
• Unladen	28.1 in. (715 mm)
Ground Clearance	5.1 in. (130 mm)
Rake (steering head)	26°
Fork Angle	32°
Trail	3.94 in. (100 mm)
Wheelbase	65.7 in. (1670 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and radial blackwall rear):	
• Front – D408F	130/60B19 M/C 61H
• Rear – TK100	P215/45R18 83T
Fuel Capacity (warning light at approximately 1 gal.)	6 gal. (22.7 l)
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1.1 qt. (1 l)
Primary Chain Case Capacity ³	1.1 qt. (1 l)
Coolant Capacity	.8 qt. (.75 l)
Weight:	
• As Shipped	1239 lb. (563 kg)
• In Running Order	1269 lb. (577 kg)
• Gross Vehicle Weight Rating	1700 lb. (771 kg)
• Gross Axle Weight Rating	
• Front	511 lb. (232 kg)
• Rear	1188 lb. (539 kg)
Luggage Capacity:	
• Volume	6.8 cu. ft. (0.19 m ³)
ENGINE	
Engine	Twin Cooled™ Milwaukee-Eight® 117
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.075 in. x 4.5 in. (104 mm x 114 mm)
Displacement	117 cu. in. (1923 cc)
Compression Ratio	10.2:1
Fuel System ³	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Chrome, 2-1-2 dual exhaust with slash cut mufflers
Lubrication System	Pressurized, dry-sump

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 30/70 ratio
Clutch	Hydraulically actuated 10 plate, wet Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	10.534
• 2nd	7.302
• 3rd	5.423
• 4th	4.392
• 5th	3.741
• 6th	3.157
CHASSIS	
Frame	Mild steel, square-section backbone with twin downtubes
Swingarm	Mild steel, rectangular tube sections with plate junctions; MIG welded
Front Forks	Chrome, 49 mm Dual Bending Valve
Rear Shocks	Premium hand-adjustable emulsion rear suspension
Wheels ⁴ (Charcoal Grey with Contrast Satin Tomahawk option):	Gloss Black and Contrast Clear Tomahawk
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	18 in. x 7 in. (457 mm x 178 mm)
Brakes:	
• Caliper Type	Front: 32mm 4 piston fixed Rear: floating 36mm piston integrated park brake
• 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	10.6 in. x .24 in. (270 mm x 6.1 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	125 ft. lb. @ 3750 rpm (170 Nm @ 3750 rpm)
Fuel Economy ⁵ (Estimated City/Hwy)	40 mpg (5.9 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
• Tail/Stop Lights	LED
• Front Signal Lights	LED
• Indicator Lamps	High Beam, running lights, battery, neutral, low oil pressure, engine diagnostics, cruise control, low fuel warning, reverse, park brake, fog/aux lamp indicator, traction control, security/fault indication, coolant temp, turn signal, ABS, TPMS
• Rear Turn Signals	LED
Gauges	Speedometer, tachometer, fuel, and voltage gauges; display features odometer, trip A, trip B, range to empty, gear indicator, and tire pressure
Auxiliary Lamps	LED fog
Electric Power Outlet	Electric power accessory port in fairing and Tour-Pak®
GPS System	Boom!™ Box 6.5GT audio system with GPS and touchscreen
Reverse Gear	Electric reverse actuated by handlebar mounted hand controls
WARRANTY	
Warranty ⁶	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

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³ Recommended 91 octane or higher fuel (R+M)/2.

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⁵ Values shown are nominal. Performance may vary by country and region.

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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.