

MODEL YEAR 2022 | SPORT GLIDE™

Dimensions	FLSB Sport Glide™	Notes
Length	2,325 mm (91.5 in.)	
Overall Width	960 mm (37.8 in.)	
Overall Height	1,120 mm (44.1 in.)	
Seat Height, Laden	N/A	
Seat Height, Unladen	680 mm (26.8 in.)	
Static Ground Clearance	120 mm (4.7 in.)	
Rake (steering head) (deg)	30	
Fork Angle (deg)	30	
Trail	150 mm (5.9 in.)	
Wheelbase	1,625 mm (64 in.)	
Tires, Type	Michelin® Scorcher® "31" front and rear	
Tires, Front Model	Scorcher™ "31"	
Tires, Front Specification	130/70B18 63H BW	
Tires, Rear Model	Scorcher™ "31"	
Tires, Rear Specification	180/70B16 77H BW	
Fuel Capacity	18.9 l (5 gal.)	
Reserve Fuel Capacity, Fuel Injection (warning light)	3.8 l (1 gal.)	
Oil Capacity (w/filter)	4.7 l (5 qt.)	
Transmission Capacity	.95 l (1 qt.)	
Primary Chain Case Capacity	1.18 l (1.25 qt.)	
Coolant Capacity	N/A	
Weight, As Shipped	304 kg (670 lb.)	
Weight, In Running Order	317 kg (699 lb.)	
Gross Vehicle Weight Rating	526 kg (1,160 lb.)	
Gross Axle Weight Rating, Front	204 kg (450 lb.)	
Gross Axle Weight Rating, Rear	331 kg (730 lb.)	
Luggage Capacity -Volume	0.05 m ³ (1.9 cu ft)	

Engine	FLSB Sport Glide™	
Engine	Milwaukee-Eight® 107	
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder	
Bore	100 mm (3.937 in.)	
Stroke	111.1 mm (4.374 in.)	
Displacement	1,745 cc (107 cu in)	
Compression Ratio	10.0:1	
Fuel System	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	FLSB Sport Glide™	
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) 1st	9.311	
Gear Ratios (overall) 2nd	6.454	
Gear Ratios (overall) 3rd	4.793	
Gear Ratios (overall) 4th	3.882	
Gear Ratios (overall) 5th	3.307	
Gear Ratios (overall) 6th	2.79	

Chassis	FLSB Sport Glide™	
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 Fork	Single cartridge 43 mm inverted with aluminum fork triple clamps; triple rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 43mm stroke; toolless hydraulic pre-load adjustment
Wheels, Optional Style Type	N/A
Wheels, Front Type	Black, machine highlighted, Mantis cast aluminum
Wheels, Front Width	3.5 in. (89 mm)
Wheels, Front Height	18 in. (457 mm)
Wheels, Rear Type	Black, machine highlighted, Mantis cast aluminum
Wheels, Rear Width	5 in. (127 mm)
Wheels, Rear Height	16 in. (406 mm)
Brakes, Caliper Type	4-piston fixed front and 2-piston floating rear
Brakes, Rotor Type	Front black, split 7-spoke floating rotor, rear solid, uniform expansion rotor
Brakes, Front Diameter	300 mm (11.8 in.)
Brakes, Front Thickness	5.1 mm (0.2 in.)
Brakes, Front is dual	No
Brakes, Rear Diameter	292 mm (11.5 in.)
Brakes, Rear Thickness	5.8 mm (0.23 in.)
Front brake lever free travel	N/A
Rear brake pedal free travel	N/A
Brakes, Anti-Lock Braking System (ABS)	Standard
Suspension Travel, Front	130 mm (5.1 in.)
Suspension Travel, Rear	86 mm (3.4 in.)

Performance	FLSB Sport Glide™
Engine Torque Testing Method	EC 134/2014
Engine Torque	139 Nm (103 ft-lb)
Engine Torque (rpm)	3,500
Power (Hp/kW)	82 HP / 61 kW @ 5020 rpm
Lean Angle Testing Method	J1168
Lean Angle, Right (deg.)	28
Lean Angle, Left (deg.)	29
Maximum hill-starting ability	N/A
Fuel Economy Testing Method	EU 134/2014
Fuel Economy	5.5 l/100 km (43 mpg)

CO ² Emissions Testing Method	EU 134/2014	
CO ² Emissions	128 g/km CO ²	

Electric	FLSB Sport Glide™	
Battery	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 CCA at 0°F	
Charging	Three-phase, 42 Amp system (390 Watts @13 Volts, 1000 rpm, 546 Watts max power @ 13 Volts, 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	
Lights (as per country regulation), Tail/Stop	Integrated LED	
Lights (as per country regulation), Front Signal Lights	Incandescent bullets	
Lights, Rear Turn Signals	Integrated LED	
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication	
Auxiliary Lamps	N/A	
Electric Power Outlet	USB A-type; output 5V at 2.4A	
GPS System	N/A	
Reverse Gear	N/A	

Warranty And Service	FLSB Sport Glide™	
Warranty	24 months (unlimited mileage)	
Service Interval	First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter	

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