

STREET GLIDE® SPECIAL

FLHXS

The Benchmark for Custom Touring



Model shown in HDI configuration.

The vehicle models, configurations, options, and accessories pictured or otherwise described in this reference guide may not be available in all countries.



Markets: APC, AUS, BRZ, MEX, ENG, HDI, JPN

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MODEL OVERVIEW



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The Street Glide® Special motorcycle elevates the experience of riding a hotrod bagger to a whole new level. The model comes standard with the Boom!™ Box 6.5GT audio system and the Smart Security System. Customers who choose this bike are choosing the baddest dog on the block.

NEW IN 2016

- Reduced-width primary housing and derby cover
- Paint color options including Hard Candy Custom™ paint and Custom color

MODEL UNIQUE FEATURES

Style

- Pinstriping
- Color-matched fairing skirt
- Gloss-black inner fairing (Denim finish on Black Denim model)
- Stylized, matching air cleaner and tank panel inserts
- Batwing fairing with Splitstream vent
- 49 mm telescopic front forks
- Streamlined, low-profile front fender
- Enforcer Cast Aluminum wheels; 19-inch front
- Dual front floating open rotors
- Convenient, intuitive inner fairing layout
- Sleek saddlebags with chrome saddlebag support structure
- Sleek airbox with 103 insert
- Smoked, sport windshield
- Sliver-face gauges
- Black powder-coated engine with chrome covers
- Low-profile rear suspension
- Combination rear stop/turn/tail lights

MODEL UNIQUE FEATURES *(continued)*

Fit

- Saddlebag guard shaped for passenger comfort
- One-piece, two-up Street Glide® seat
- Full-length rider Streamliner footboards with heel/toe shift levers
- Passenger Streamliner footpegs

Function

- Wind-tunnel tested Batwing fairing with Splitstream vent for reduced head buffeting
- 49 mm telescopic front forks for stiffer front end
- Dual Halogen headlight
- Standard cruise control
- Reflex™ Linked Brakes with ABS¹
- Standard Smart Security System² with proximity based, hands-free security fob
- Brembo® 4-piston front and rear calipers
- Easy-to-read gauges and large telltale indicators; display features odometer, trip A, trip B, range to empty, and gear indicator
- Ergonomic hand controls with intuitive design and tactile feel. Includes trigger switch for odometer, trip A, trip B, range to empty; info button for ambient temperature and oil pressure (information displayed in radio screen); hazard warning switch; two Joysticks that control all audio functions
- Boom!™ Box 6.5GT audio system with GPS and touchscreen³
- Jukebox media compartment with USB connection and One-Touch access door
- Single AM/FM/WB antenna
- One-Touch fuel door

MODEL UNIQUE FEATURES *(continued)*

Function *(continued)*

- Saddlebags with color-matched One-Touch design latch
- Saddlebag locks common with ignition key
- Electronic throttle control
- Standard battery charging harness
- CAN-based electrical system
- Dunlop® 180 mm multi-tread rear tire
- CVO™ model style, hand-adjustable, low-profile rear suspension
- 6-gallon fuel tank for extended range

Performance

- Rubber-mounted, air-cooled 1690 cc High Output Twin Cam 103™ engine with oil cooler
- High-flow airbox
- Electronic Sequential Port Fuel Injection (ESPFI) with heated O2 sensors
- 6-Speed Cruise Drive® transmission with Isolated Drive System (IDS) for smooth power delivery
- Rider-initiated Engine Idle Temperature Management Strategy (EITMS)
- Hydraulic clutch

¹ Harley-Davidson's independent Anti-lock Braking System is designed to help you maintain control during braking events, especially those that happen in less than optimum conditions. Engineering and styling worked together to make sure the system is not only designed and carefully tested to work superbly, but that it is also engineered not to interfere with style. ABS is standard on all 2016 Touring motorcycles except the Road King®, Street Glide®, and Road Glide® models, where it remains an option.

² North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

³ Specific infotainment system features and configurations may vary by region and country.

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MODEL SPECIFICATIONS¹



Specifications apply to all available markets unless noted.

DIMENSIONS	
Length	2450 mm (96.5 in.)
Overall Width	960 mm (37.8 in.)
Overall Height	1350 mm (53.2 in.)
Seat Height <i>(unladen)</i>	695 mm (27.4 in.)
Ground Clearance	135 mm (5.3 in.)
Rake <i>(steering head)</i>	26°
Fork Angle	29.25°
Trail	173 mm (6.8 in.), 170 mm (6.7 in.) <i>(JPN)</i>
Wheelbase	1625 mm (64 in.)
Tires <i>(Dunlop® Harley-Davidson® Series, bias blackwall front and rear):</i>	
• Front – D408F	130/60B19 61H
• Rear – D407T	BW 180/65B16 81H
Fuel Capacity	22.7 L (6 gal.) <i>(warning light at approximately 3.8 L)</i>
Oil Capacity <i>(w/filter)</i>	3.8 L (4 qts.)
Transmission Capacity	.95 L (1 qt.)
Primary Chain Case Capacity	1.3 L (1.4 qts.)
Weight:	
• As Shipped	356 kg (785 lbs.), 352 kg (775 lbs.) <i>(MEX)</i>
• In Running Order	372 kg (820 lbs.), 367 kg (810 lbs.) <i>(MEX)</i>
• Gross Vehicle Weight Rating	617 kg (1360 lbs.)
• Gross Axle Weight Rating	
• Front	227 kg (500 lbs.)
• Rear	420 kg (927 lbs.)
• Luggage Capacity:	
• Volume	0.064 m³ (2.3 cu. ft.)
ENGINE	
Engine	Air-cooled, High Output Twin Cam 103™ with integrated oil cooler
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	98.4 mm x 111.1 mm (3.87 in. x 4.374 in.)
Displacement	1690 cc (103.1 cu. in.), 1689 cc (103 cu. in.) <i>(JPN)</i>
Compression Ratio	9.7:1
Fuel System²	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated, 9 plate wet, with high performance spring
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	
• 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 telescopic
Rear Shocks	Premium Low Hand-Adjustable rear suspension
Wheels³:	
• Front	Enforcer Cast Aluminum
• Rear	19 in. x 3.5 in. (483 mm x 89 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 <i>(diameter x width):</i>	Dual floating rotors <i>(front)</i> , fixed rotors <i>(rear)</i>
• Front <i>(dual)</i>	300 mm x 5.1 mm (11.81 in. x 0.2 in.)
• Rear	300 mm x 7.1 mm (11.81 in. x 0.28 in.)
• Anti-lock Braking System	Standard
Suspension Travel:	
• Front Wheel	117 mm (4.6 in.)
• Rear Wheel	54.6 mm (2.15 in.)
PERFORMANCE	
Engine Torque⁴:	
• HDI <i>(per EEC/95/1)</i>	138 Nm (101.8 ft-lb) @ 3500 RPM
• APC <i>(per EEC/95/1)</i>	137 Nm (101.1 ft-lb) @ 3250 RPM
• BRZ <i>(per EEC/95/1)</i>	142 Nm (104.7 ft-lb) @ 3500 RPM
• MEX <i>(per J1349)</i>	142 Nm (104.7 ft-lb) @ 3250 RPM
• JPN <i>(per EEC/95/1)</i>	126 Nm (92.9 ft-lb) @ 3497 RPM
Lean Angle <i>(per J1168):</i>	
• Right	32°
• Left	31°

PERFORMANCE <i>(continued)</i>	
Fuel Economy⁵ <i>(EPA urban/highway test)</i>	5.6 L/100 km (42 mpg)
ELECTRIC	
Battery <i>(per Battery Council International Rating)</i>	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 50-amp system <i>(585W @ 13V, 2000 RPM, 650W max power @ 13V)</i>
Starting	1.2 kW electric with solenoid shift starter motor engagement
Lights <i>(as per country regulation):</i>	
• Headlamp <i>(Dual Halogen)</i>	55-watt 625 lumen low beam, 65-watt 1570 lumen high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, front fender running lights, directional lights, low oil pressure, neutral, engine diagnostics, battery, cruise control, speakers, accessory, security system⁶, gear indication, low fuel warning, ABS, miles to empty display, fog/aux lamp indicator
Electric Power Outlet	Electric power accessory port in fairing
GPS System	Boom!™ Box 6.5 GT audio system with GPS <i>(GPS N/A JPN)</i> and touchscreen
WARRANTY	
Warranty	24 months <i>(unlimited mileage)</i>
Service Interval⁷	First 1600 km (1000 miles), every 8000 km (5000 miles) thereafter

¹ Vehicles depicted may differ from vehicles manufactured and delivered. Specifications and prices listed may differ from specifications and prices of vehicles manufactured and delivered. All product descriptions (including depictions, specifications, dimensions, measurements, ratings and competitive comparisons) are based on available information at the time of publication. Although such descriptions are believed correct, errors and changes can occur and complete accuracy cannot be guaranteed. Harley-Davidson may make changes at any time to prices and specifications, and may change or discontinue models, without notice and without incurring any obligation. Attention: Vehicles in the configurations shown and many of the accessories described in this catalog may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information. All models feature 6-speed transmission (V-Rod® models and Sportster® models are 5-speed) and carbon fiber belt final drive; multi-plate clutch with diaphragm spring in oil bath; and 2-year unlimited mileage warranty.

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

³ Standard and optional wheels may vary by country and region.

⁴ Values shown are nominal. Performance may vary by country and region.

⁵ 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.

⁶ North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

⁷ Inspections of certain systems and components are required at 4000 km (2500 mile) intervals. See Owner's Manual for full details.

STREET GLIDE® SPECIAL

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COLORS/CALLOUTS



SOLIDS

Vivid Black
Black Denim
Deep Jade Pearl
NEW Charcoal Denim
NEW Velocity Red Sunglo *(shown)*

PINSTRIPING

Med. Silver
Med. Red
Lt. Green
Charcoal Metallic
Med. Red

CUSTOM

NEW Cosmic Blue Pearl

HARD CANDY CUSTOM™ COLORS¹

NEW Hard Candy Gold Flake
NEW Hard Candy Black Gold Flake

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

Model shown in Domestic configuration.

