

# ROAD GLIDE® SPECIAL

FLTRXS

Long on features, comfort and attitude



**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, MEX, ENG, HDI, JPN

# ROAD GLIDE® SPECIAL

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## MODEL OVERVIEW



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With its all-out aggressive style, the Road Glide® Special motorcycle ups the “bad” factor and brings a helluva lot of attitude to the long haul. The bike takes the touring must-haves and wraps them in a no-apologies style making it the motorcycle of choice for the high-mileage road warrior.

### 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

- Painted inner fairing, factory pinstriping
- Aggressive outer fairing
- Narrow profile
- Enforcer Cast Aluminum wheels; 19-inch front; 16-inch rear
- Dual front floating open rotors
- Streamlined, low-profile front fender
- Chrome, low-profile tank console
- Tank and front fender medallions
- Sleek airbox with 103 insert
- Sleek saddlebags
- Sleek, chrome saddlebag support structure
- Silver-face gauges
- Black powder-coated engine with chrome covers
- Chrome 2-1-2 dual exhaust with tapered mufflers
- Smoked sport windscreen with clean trim
- Combination rear stop/turn/tail lights

### MODEL UNIQUE FEATURES *(continued)*

#### Fit

- Ergonomic handlebar with reduced reach, improved wrist angle
- Full-length rider Streamliner footboards with heel/toe shift lever
- Passenger Streamliner footpegs
- Two-up sport seat

#### Function

- Dual Daymaker™ Reflector LED Headlamp
- 49 mm telescopic front forks for stiffer front end
- Triple Splitstream vent with open-and-close feature for reduced head buffeting
- Short windscreen for reduced head buffeting
- Standard battery charging harness
- Hydraulic clutch
- Ergonomic hand controls with intuitive design and improved tactile feel. Includes odometer trigger switch, trip A, trip B, clock, range to empty; info button; hazard warning switch; two Joysticks that control all audio functions
- Large, easy-to-read gauges, wide numbers, large telltale indicators
- Saddlebags with color-matched One-Touch design latch
- Saddlebag locks common with ignition key
- Boom!™ Box 6.5 GT audio system with GPS and touchscreen<sup>1</sup>
- Jukebox media compartment with USB connection and One-Touch access door
- Power port in fairing
- One-Touch fuel door

### MODEL UNIQUE FEATURES *(continued)*

#### Function *(continued)*

- CAN-based electrical system
- Electronic throttle control
- Electronic cruise control with set, resume, accelerate, decelerate
- Dunlop® 180 mm multi-tread rear tire
- Brembo® 4-piston front and rear calipers
- Air-adjustable low-profile air ride rear suspension
- 22.7 L fuel tank for extended range
- CVO™ model style, hand-adjustable, low-profile rear suspension
- Reflex™ Linked Brakes with ABS<sup>2</sup>
- Smart Security System<sup>3</sup> with proximity based, hands-free security fob

#### Performance

- Rubber-mounted, Air-Cooled 1690 cc High Output Twin Cam 103™ engine with oil cooler
- Electronic Sequential Port Fuel Injection (ESPFI) with heated O<sub>2</sub> sensors
- High-flow airbox
- 6-Speed Cruise Drive® transmission with Isolated Drive System (IDS) for smooth power delivery
- Rider-initiated Engine Idle Temperature Management Strategy (EITMS)

<sup>1</sup> Specific infotainment system features and configurations may vary by region and country.

<sup>2</sup> 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.

<sup>3</sup> North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

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## MODEL SPECIFICATIONS<sup>1</sup>



Specifications apply to all available markets unless noted.

DIMENSIONS	
Length	<b>2430 mm</b> (95.7 in.)
Overall Width	<b>980 mm</b> (38.6 in.)
Overall Height	<b>1310 mm</b> (51.6 in.)
Seat Height <i>(unladen)</i>	<b>695 mm</b> (27.4 in.)
Ground Clearance	<b>140 mm</b> (5.5 in.)
Rake <i>(steering head)</i>	26°
Fork Angle	29.25°
Trail	<b>173 mm</b> (6.8 in.)
Wheelbase	<b>1625 mm</b> (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	<b>22.7 L</b> (6 gal.) <i>(warning light at approximately 3.8 L)</i>
Oil Capacity <i>(w/filter)</i>	<b>3.8 L</b> (4 qts.)
Transmission Capacity	<b>.95 L</b> (1 qt.)
Primary Chain Case Capacity	<b>1.3 L</b> (1.4 qts.)
Weight:	
• As Shipped	<b>369 kg</b> (813 lbs.)
• In Running Order	<b>385 kg</b> (849 lbs.)
• Gross Vehicle Weight Rating	<b>617 kg</b> (1360 lbs.)
• Gross Axle Weight Rating	
• Front	<b>227 kg</b> (500 lbs.)
• Rear	<b>420 kg</b> (927 lbs.)
• Luggage Capacity:	
• Volume	<b>0.064 m<sup>3</sup></b> (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	<b>98.4 mm x 111.1 mm</b> (3.87 in. x 4.374 in.)
Displacement	<b>1690 cc</b> (103 cu. in.)
Compression Ratio	9.7:1
Fuel System <sup>2</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Lubrication System	Pressurised, 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	<b>9.593</b>
• 2nd	<b>6.65</b>
• 3rd	<b>4.938</b>
• 4th	<b>4</b>
• 5th	<b>3.407</b>
• 6th	<b>2.875</b>
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
Wheels <sup>3</sup> :	Enforcer Cast Aluminum
• Front	<b>19 in. x 3.5 in.</b> (483 mm x 89 mm)
• Rear	<b>16 in. x 5 in.</b> (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>	<b>300 mm x 5.1 mm</b> (11.81 in. x 0.2 in.)
• Rear	<b>300 mm x 7.1 mm</b> (11.81 in. x 0.28 in.)
• Anti-lock Braking System	Standard
Suspension Travel:	
• Front Wheel	<b>117 mm</b> (4.6 in.)
• Rear Wheel	<b>54 mm</b> (2.1 in.)
PERFORMANCE	
Engine Torque <sup>4</sup> :	
• HDI <i>(per EEC/95/1)</i>	<b>138 Nm</b> (101.8 ft-lb) @ <b>3500 RPM</b>
Lean Angle <i>(per J1168):</i>	
• Right	32°
• Left	31°
Fuel Economy <sup>5</sup>	<b>5.6 L/100 km</b> (42 mpg) <i>(EPA urban/highway test)</i>

ELECTRIC	
Battery <i>(per Battery Council International Rating)</i>	Sealed, maintenance-free, 12V, 28-amp/hour, 370 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>(LED)</i>	40-watt, 1060 lumen low beam, 60-watt, 1560 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 system <sup>6</sup> , 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 and touchscreen
WARRANTY	
Warranty	<b>24 months</b> <i>(unlimited mileage)</i>
Service Interval <sup>7</sup>	First <b>1600 km</b> (1000 miles), every <b>8000 km</b> (5000 miles) thereafter

<sup>1</sup> 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.

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

<sup>3</sup> Standard and optional wheels may vary by country and region.

<sup>4</sup> Values shown are nominal. Performance may vary by country and region.

<sup>5</sup> 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.

<sup>6</sup> North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

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

# ROAD GLIDE® SPECIAL

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COLORS/CALLOUTS



SOLIDS	PINSTRIPING
Vivid Black	Med. Silver
<b>Superior Blue</b> <i>(shown)</i>	Blue
Black Quartz	Pale Gold
<b>NEW</b> Velocity Red Sunglo	Med. Red

  

CUSTOM
<b>NEW</b> Cosmic Blue Pearl

  

HARD CANDY CUSTOM™ COLORS <sup>1</sup>
<b>NEW</b> Hard Candy Gold Flake
<b>NEW</b> 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.

