

TRI GLIDE® ULTRA

FLHTCUTG

Long-Haul Freedom on Three Wheels



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: MEX, DOM, ENG, HDI, JPN

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MODEL OVERVIEW



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The Tri Glide® Ultra model gives two-wheel touring enthusiasts a three-wheel alternative with the performance, excitement, and style that's pure Harley-Davidson. Built from the frame up to provide maximum comfort and handling on every ride, it's equipped with a Twin-Cooled™ High Output Twin Cam 103™ powertrain. It also includes electric reverse to put complete control at the rider's fingertips.

NEW IN 2016

- Reduced-width primary housing and derby cover
- Paint color options including Custom colors

MODEL UNIQUE FEATURES

Style

- Batwing fairing with Splitstream vent
- Fairing lowers
- Convenient, intuitive inner fairing layout
- Short windshield
- Stylized floating front brake rotors
- 49 mm telescopic front forks
- Bullet turn signals standard
- Streamlined, low-profile front fender
- Tank and fender medallions
- Black powder-coated engine with chrome covers
- Matching Black 7-Spoke Cast Aluminum wheels
- Fiberglass body with integrated trunk, Tour-Pak® case and detachable rear fenders
- Chrome 2-1-2 dual exhaust with tapered mufflers

MODEL UNIQUE FEATURES *(continued)*

Fit

- One-piece, two-up Electra Glide® seat
- Shotgun seat with ample passenger room and comfort
- Ergonomically optimized backrest and armrest for greater comfort
- Full-length rider footboards with heel/toe shift levers
- Height-adjustable passenger footboards

Function

- Wind-tunnel tested Batwing fairing with Splitstream vent and short windshield for reduced head buffeting
- Standard battery charging harness
- Hydraulically-linked brake system
- Large rear brake rotors
- Foot-operated parking brake
- 49 mm telescopic front forks for stiffer front end
- Daymaker™ LED headlight and Daymaker™ LED fog lamps
- Ergonomic hand controls with intuitive design and tactile feel. Includes odometer trigger switch; trip A, trip B, clock, and range to empty; info button for ambient temperature and oil pressure; hazard warning switch; two Joysticks that control all audio functions
- Start, engine cutoff, left/right turn signals, horn, hi/low beam, stereo system, channel, ultra CB¹/intercom, cruise control hand controls
- Easy-to-read gauges and large telltale indicators
- Electronic throttle control
- Electronic cruise control
- Standard electric reverse with handlebar-mounted control and LED indicator light
- Boom!™ Box 6.5 GT audio system with GPS and touchscreen²
- Single AM/FM/WB antenna
- Jukebox media compartment with USB connection and One-Touch access door

MODEL UNIQUE FEATURES *(continued)*

Function *(continued)*

- One-Touch fuel door
- Tour-Pak® case with One-Touch latch and integrated lock, retractable lid tether, map and tool pouch, premium hinges, bass port rear speakers
- Integrated trunk with 6.5 cu. ft./80 lbs. of storage capacity with internal liner
- Tour-Pak® case and trunk locks common with ignition key
- Rear LED stop/turn/lights
- CAN-based electrical system
- Lower fairings with integral storage compartment
- Isolated Drive System (IDS) for improved ride quality
- Dunlop® Harley-Davidson® Series, bias blackwall front and radial blackwall rear
- Air-adjustable rear shocks
- 22.7 L fuel tank for extended range
- Mid-frame air deflectors
- Adjustable fairing-mounted wind deflectors
- Barrel key; steering head-mounted ignition; fork lock common with ignition key
- Power port located in fairing
- Smart Security System³ standard

Performance

- Rubber-mounted, Twin-Cooled™ 1690 cc High Output Twin Cam 103™ engine
- High-flow airbox
- Hydraulic Assist & Slip clutch
- 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)

¹ CB prohibited by law in some countries.

² Specific infotainment system features and configurations may vary by region and country.

³ North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

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MODEL SPECIFICATIONS¹



Specifications apply to all available markets unless noted.

DIMENSIONS	
Length	2670 mm (105.1 in.)
Overall Width	1390 mm (54.7 in.)
Overall Height	1430 mm (56.3 in.)
Seat Height <i>(unladen)</i>	720 mm (28.3 in.)
Ground Clearance	115 mm (4.5 in.)
Rake <i>(steering head)</i>	26°
Fork Angle	32°
Trail	100 mm (3.94 in.)
Wheelbase	1670 mm (65.7 in.)
Tires <i>(Dunlop® Harley-Davidson® Series, bias blackwall front and radial blackwall rear):</i>	
• Front – D402F	MT90B16 72H
• Rear – Signature	P205/65R15 92T
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	1.4 L (1.4 qts.)
Case Capacity	
Coolant Capacity	1.04 L (1.1 qt.)
Weight:	
• As Shipped	545 kg (1201 lbs.)
• In Running Order	560 kg (1235 lbs.)
• Gross Vehicle Weight Rating	771 kg (1700 lbs.)
• Gross Axle Weight Rating:	
• Front	227 kg (500 lbs.)
• Rear	544 kg (1200 lbs.)
• Luggage Capacity:	
• Volume	0.19 m³ (6.8 cu. ft.)
• Luggage Capacity:	
• Weight	36.3 kg (80 lb.)

ENGINE	
Engine	Twin-Cooled™ High Output Twin Cam 103™
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.)
Compression Ratio	10:1
Fuel System²	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, 30/70 ratio
Clutch	Hydraulically actuated multi-plate, wet Assist & Slip
Transmission	6-speed Cruise Drive®
Gear Ratios <i>(overall):</i>	
• 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 telescopic
Rear Shocks	Air-adjustable
Wheels:	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	6 piston fixed front with 4-31.75 mm front pistons and 2-25.4 mm linked rear pistons, 31.75 mm single piston floating rear
• Rotor Type <i>(diameter x width):</i>	Dual floating rotors <i>(front)</i> , dual fixed rotors <i>(rear)</i>
• Front <i>(dual)</i>	300 mm x 5.1 mm (11.81 in. x 0.2 in.)
• Rear	270.8 mm x 6.2 mm (10.66 in. x 0.25 in.)

Suspension Travel:	
• Front Wheel	117 mm (4.6 in.)
• Rear Wheel	76 mm (3 in.)
Parking Brake	Foot actuated dual parking brake

PERFORMANCE	
Engine Torque⁴:	
• HDI <i>(per EEC/95/1)</i>	138 Nm (101.8 ft-lb) @ 3750 RPM
Fuel Economy⁵:	6.2 L/100 km (38 mpg)
<i>(EPA urban/highway test)</i>	

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

ELECTRIC <i>(continued)</i>	
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: LED 23-watt, 410 lumen low beam, 36-watt, 500 lumen high beam, quantity of (2) for a total of 820 lumen low beam and 1,000 lumen high beam output. LED 34-watt, 915 lumen low beam, 37-watt, 915 lumen high beam with switchable 20-watt, 1,220 lumen LED Fog Lamps.	
• Tail/Stop Lights	LED
• Front Signal Lights	LED
• Indicator Lamps: High Beam, running lights, front fender running lights, directional lights, battery, neutral, low oil pressure, engine diagnostics, cruise control, speakers, accessory, security system⁶, gear indication, low fuel warning, reverse, park brake, miles to empty display, fog/aux lamp indicator	
• Auxiliary Lamps <i>(except where prohibited by law)</i>	N/A
Electric Power Outlet	Electric power accessory port in fairing
GPS System	Boom!™ Box 6.5 GT audio system with GPS and touchscreen
Reverse Gear	Electric reverse actuated by handlebar-mounted hand controls

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.

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COLORS/CALLOUTS



SOLIDS	PINSTRIPING
Vivid Black	Med. Silver <i>(inside and outside)</i>
NEW Billet Silver	Burgundy <i>(inside)</i> , Charcoal Metallic <i>(outside)</i>
TWO-TONES	PINSTRIPING
Deep Jade Pearl/Vivid Black	Lt. Green <i>(inside)</i> , Pale Gold <i>(outside)</i>
NEW Billet Silver/Vivid Black <i>(shown)</i>	Burgundy <i>(inside)</i> , Charcoal Metallic <i>(outside)</i>
NEW Mysterious Red Sunglo/Velocity Red Sunglo	Med. Red <i>(inside)</i> , Pale Gold <i>(outside)</i>
CUSTOM COLORS ¹	PINSTRIPING
NEW Purple Fire/Blackberry Smoke	Proper Purple <i>(inside)</i> , Charcoal Metallic <i>(outside)</i>
NEW Cosmic Blue Pearl	

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

Model shown in Domestic configuration.

