NIGHT ROD® SPECIAL

VRSCDX

Massive Power Meets Cutting-edge Technology for a Nimble Ride that Takes Dark to Pitch Black

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

2016 NIGHT ROD® SPECIAL

VRSCDX

MODEL OVERVIEW

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The Night Rod® Special model is a sinister-looking machine with a Revolution® engine that delivers a V-Twin growl and massive power. It's styled for performance-minded enthusiasts who like a blacked-out, no-hassle ride, and an aggressive, drag-inspired riding position.

NEW IN 2016

- Paint color options and graphics

MODEL UNIQUE FEATURES

Style

- Black powder-coated engine with black covers
- Straight-shot exhaust with brushed finish dual mufflers; black end caps and exhaust shield
- Black Split 5-Spoke Cast Aluminum wheels with pinstripe
- Aggressively tapered tail section with flush-mount LED taillight
- Stylized, black speed screen visor
- Blacked-out frame, handlebar, front fork, triple clamps and covers
- Racing stripe featured on airbox and tail section (option)
- Sport front fender with painted brace supports
- Slim design, center license plate mount
- 240 mm wide rear tire
- Two-up seat with custom stitching

Fit

- Pull-back handlebar for improved rider ergonomics
- Reduced reach forward-mounted rider footpegs and controls; standard passenger footpegs
- Low, 675 mm seat height

MODEL UNIQUE FEATURES

Function

- Electronic speedometer with odometer, time-of-day clock on odometer, dual tripmeter, fuel gauge with low fuel warning light and countdown feature, low oil pressure indicator light, engine diagnostics readout, LED indicator lights, tachometer
- Hazard warning integrated into self-canceling turn signal controls
- Start, engine cutoff, left/right turn signals, horn, hi/low beam hand controls
- Electric power accessory connector under seat
- Two-up seat with flip-up fuel fill access
- Barrel key frame-mounted ignition; fork lock common with ignition key
- Re-tuned rear suspension for improved comfort
- Michelin® Scorcher® tires

Performance

- Rubber-mounted, liquid-cooled, 1247 cc Revolution® engine
- Electronic Sequential Port Fuel Injection (ESPFI) with heated O2 sensors
- 90kW @ 8000 RPM; 111Nm @ 7250 RPM
- Lightweight cast aluminum performance wheels
- Inverted front forks
- Dual front Brembo® disc brakes
- Anti-lock Braking System (ABS)[1], standard

[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 V-Rod® motorcycles.

2010 NIGHT ROD® SPECIAL

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MODEL SPECIFICATIONS[1]

Specifications apply to all available markets unless noted.

DIMENSIONS

Length	**2440 mm** (96 in.)
Overall Width	**890 mm** (35 in.)
Overall Height	**1065 mm** (41.9 in.)
Seat Height *(unladen)*	**675 mm** (26.6 in.)
Ground Clearance	**115 mm** (4.5 in.)
Rake *(steering head)*	34°
Fork Angle	34°
Trail	**142 mm** (5.6 in.)
Wheelbase	**1705 mm** (67 in.)
Tires *(Michelin® Scorcher® "11" front and rear)*:	
• Front – Scorcher® "11"	120/70ZR-19 60W
• Rear – Scorcher® "11"	240/40R-18 79V
Fuel Capacity *(warning light at approximately 1.9 L)*	**18.9 L** (5 gal.)
Oil Capacity *(w/filter)*	**4.7 L** (5 qts.)
Coolant Capacity	**2.4 L** (2.5 qts.)
Weight:	
• As Shipped	**289 kg** (637 lbs.)
• In Running Order	**302 kg** (666 lbs.)
• Gross Vehicle Weight Rating	**488 kg** (1075 lbs.)
• Gross Axle Weight Rating	
• Front	**171 kg** (377 lbs.)
• Rear	**317 kg** (698 lbs.)

ENGINE

Engine	Liquid-cooled, Revolution®, 60° V-Twin
Valves	Overhead cam, 4 valves per cylinder, solid tappet with shim-under-bucket lash adjustment
Bore x Stroke	**105 mm x 72 mm** (4.13 in. x 2.835 in.)
Displacement	**1247 cc** (76.1 cu. in.)
Compression Ratio	11.5:1
Fuel System[2]	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Down draft intake
Lubrication System	Wet-sump, integrated with powertrain crankcase

DRIVETRAIN

Primary Drive	Gear, 64/117 ratio
Final Drive	Belt, 30/72 ratio
Clutch	9-plate, wet, Assist & Slip
Transmission	5-speed
Gear Ratios (overall):	
• 1st	**10.969**
• 2nd	**7.371**
• 3rd	**5.9**
• 4th	**5.095**
• 5th	**4.563**

CHASSIS

Frame	Steel perimeter upper frame with hydroformed main rails and bolt-on lower frame rails; MIG welded
Swingarm	Polished, one-piece cast aluminum with black powder-coat finish
Front Forks	43 mm inverted
Rear Shocks	Preload adjustable
Wheels[3]:	Black, Split 5-Spoke Cast Aluminum with Pinstripe
• 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 front and rear
• Rotor Type *(diameter x width)*:	Patented, one-piece floating rotor *(front)*, uniform expansion rotor *(rear)*
• Front *(dual)*	**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	**102 mm** (4 in.)
• Rear	**74 mm** (2.9 in.)

PERFORMANCE

Engine Torque[4]:	
• HDI *(per EEC/95/1)*	**111 Nm** (81.9 ft-lb) **@ 7250 RPM**
Lean Angle *(per J1168)*:	
• Right	32°
• Left	32°
Fuel Economy[5] *ESPFI (EPA urban/highway test)*	**6.3 L/100 km** (37 mpg)

ELECTRIC

Battery *(per Battery Council International Rating)*	Sealed, maintenance-free, 12V, 19-amp/hour, 270 cca
Charging	Three-Phase, 38-amp system *(439W @ 13V, 2000 RPM, 489W max power @ 13V)*
Starting	0.08 kW electric with direct drive starter motor engagement
Lights *(as per country regulation)*:	
• Headlamp *(Quartz Halogen)*	55-watt low beam, 60-watt high beam
• Tail/Stop Lights	8W/28W reflector optics
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, security system[6] *(optional)*, coolant temperature, low fuel warnings

WARRANTY

Warranty	24 months *(unlimited mileage)*
Service Interval[7]	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

- Vivid Black
- *NEW* **Charcoal Denim** *(shown)*
- *NEW* Velocity Red Sunglo
- *NEW* Olive Gold

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

Model shown in Domestic configuration.

