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AUTOMOTIVE

MOTORCYCLE [MY ACCOUNT](#)

OFF-ROAD

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NEW!

*Bezel not included, shown for visual/presentation purposes.
System uses OEM or reproduction style bezel.

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Analog Gauges

Speedometer

- 0 -160 MPH (optional metric version 0- 260 kmh)
- Split scale provides resolution of a 120MPH speedometer, with a top end range of 160MPH.

Tachometer

- 0- 8,000 RPM

Oil Pressure

- 0- 80 psi

Water Temperature

- 100- 260°F (optional metric version 40- 120°C)

Fuel Level

- E, 1/4, 1/2, 3/4, F

Voltmeter

·9- 17 VDC

Clock

·12 Hr Analog Clock Movement

Digital Message Centers

Standard Displays

·Odometer (One time user settable, Million Mile)
·Dual (A/B) Trip Meter (0- 9,999.9)
·Clock (12 hour)
·Estimated Range/ Miles to Empty

Performance Meters

·0- 60 MPH Timer (0- 100 kmh)
·1/4 and 1/8 mile time
·1/4 and 1/8 mile end speed (trap speed)
·High speed recall
·High RPM recall

Built-in Indicators

Indicators

·Turn Signals (Left/ Right)
·High Beam
·Check Engine
·Parking Brake
·Cruise Control (On/ On & Engaged when vehicle is equipped)
·Gear Position (Optional **GSS-3000** sensor required)
·4 x 4 (When vehicle is equipped)
·Wait to Start (When vehicle is equipped)
·Two Auxiliary input indicators with user-programmable labels
·Each analog gauge sweep contains a red LED indicator for quick notice of a warning condition (except speedometer)

****Not all OEM indicator lamp functions will be replaced.**

- If additional indicators are desired within the new instrument system, consider repurposing any unused indicators to suit your application.
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Lighting Technology

Colors

·Over 30 user-selectable color options allow you to independently change the needle color, sweep color and digital TFT display color.

Brightness

·Both daytime and nighttime brightness can be easily controlled through the HDX setup menu, allowing you to choose your preferred lighting intensity level, toggled by the activation of the headlight switch. If on-the-fly rotary type control is desired, the **DIM-1** is a common accessory to add this functionality.

Themes

·With 12 factory preset color themes, you can quickly create a beautiful looking system. Or, for the ultimate in customization, choose all of the color zones yourself.

Technology

·Full LED backlighting provides a strikingly visual gauge package, with sharp contrast for ease of

viewing both night and day. Full RGB backlighting allows you to create the specific color you want, with a unique daytime and nighttime theme if desired. Whether your goal is an OE look or something truly bold, the HDX Series lets you make that choice.

Included Sensors



Water Temperature

·1/8" NPT, ground isolated sensor with a 10 ft harness.

Oil Pressure

·1/8" NPT solid state sensor with a 10 ft harness.

Cable Driven Speed Sensor/ Generator

·Replaces GM style speedometer cables with a 10 ft harness. Sensor requires approximately 5" clearance extending between the cable drive output and any obstruction. Part # **130011** (sold separately) allows for relocation of the pulse generator when additional clearance is required. (Tremec and Ford style adaptors available on request.)

Bushings

·Each kit comes with 1/8" to 1/4", 3/8" and 1/2" NPT bushings along with bushings for 12mm and 16mm x 1.5 threads.

Calibration and Use

Pushbutton Control

·All HDX Series Instrument Systems include LED-lit onboard capacitive touch pushbuttons through the gauge face. These pushbuttons provide quick and consistent access to all functions, either in driving mode or while in the setup menu. Button-press feedback is available through the TFT Message Center, or through the included buzzer. Additionally, remote mounted switches can be wired into the HDX system if this proves more accessible based upon seating position. The HDX Series can also be completely configured through the Bluetooth app, suitable to Android and Apple devices. Using your existing tablet or smart phone, download the free app, sync your device to the HDX system, and enjoy quick and convenient menu navigation and real time gauge readouts for diagnostic use or a secondary display.

Calibration

·All calibration settings are handled through onboard capacitive touch switches or the remote Bluetooth app. While many calibration settings exist, the speedometer and fuel level are completed in most cases (unless GPS-50-2 is used, negating the need to calibrate the speedometer) through a few taps of the pushbuttons and a short test drive of the vehicle.

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