

DAKOTA DIGITAL

MVX-8K SERIES ANALOG GAUGES

Story by Brandt Wettestad – Photos by Jesse B. Nelson

I have found it difficult to find somebody who doesn't like Dakota Digital. Their technology with digital gauges is outstanding as well as the variety of gauges they provide for numerous manufacturers and custom applications. Because Dakota Digital offers such a vast array of gauges, they're hard to beat. Their new line, the MVX-8K series, is set up as an analog style. However, Dakota Digital gives seven different color options which can be changed for the needle, backlight and LCD message center. Adjusting the odometer within the first 100 miles will allow you to match the mileage that you have on the bike according to the stock gauge. The LCD display will read the ambient air temperature for you by linking into the signal wire from the old gauge and provide performance readouts. These readouts include 0-60 mph time and ¼ mile time, as well as miles-until-empty. We have chosen this 2009 Street Glide to install the gauges on.



MVX-8X04 Gauge Kit



This 2009 Street Glide is ditching the stock gauges for new, top-of-the-line, Dakota Digital MVX-8K analog gauges.



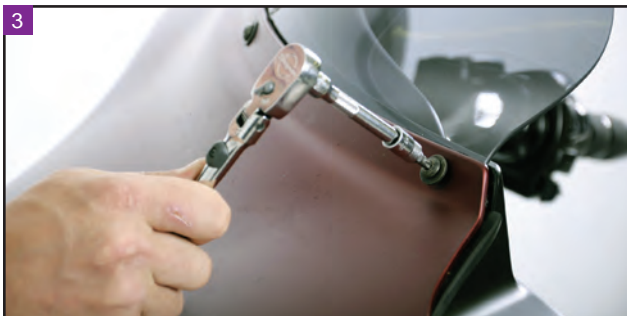
1

Remove the middle outer fairing mounting screws.



2

Remove the lower two mounting screws.



3

Remove two of the upper mounting screws and loosen the third screw.



4

Remove the windshield.

DAKOTA DIGITAL
MXV-8K SERIES ANALOG GAUGES



Remove the final upper mounting screw and remove the fairing.



Disconnect the headlight connector.



Remove the speedometer and tachometer connector.



Loosen and remove the mounting screws.

**YOUR GARAGE
YOUR BUILD**



BIG WHEEL BOLT ON BAGGER KIT FOR YOUR HARLEY DAVIDSON

WWW.KEWL METALSTORE.COM



Remove the mounting bridge.



Remove the speedometer and tachometer from the inner fairing.



Disconnect the wiring from the battery, oil pressure, fuel and air temperature gauges.



Remove the mounting hardware.



Install the Dakota Digital gauge.



Reinstall the stock mounting bridge.



Reinstall the stock mounting hardware and tighten.



Install the speedometer.



Install the stock mounting bridge.



Install the stock screws and tighten.



Attach the stock harness connector.

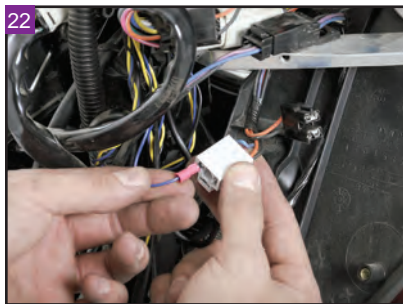


Install the sensor harness 3-pin connector to the 3-pin connector on the speedometer.

DAKOTA DIGITAL
MVX-8K SERIES ANALOG GAUGES



21 Install the yellow and black wire spade connectors to the fuel gauge connector's yellow and black wires.



22 Connect the blue wire spade connector to the air temperature connector's blue wire.



23 Moving to the oil pan, Loosen the 3/8" npt allen plug in the front of the pan. Do not remove the hex plug in the bottom corner for that is your oil drain plug.



24 Remove the plug. You will have a little loss of oil.



25 Install the oil temp sensor and tighten using a 3/4" wrench.



26 Install the sensor harness connector.

GREAT TOYS!



Bring out your inner child.

Gaze in wonder at a collection of 400 incredibly rare toys — spanning every era from every corner of the world. Marvel at the creativity it took to craft tin, cast iron, wood and plastic into these wonderful works of art.

Plan your visit today at:

www.nationalmcmuseum.org





Run the harness along the right frame rail and up the clutch cable.



Remove the existing zip tie and secure the harness to the clutch cable with a new, supplied, zip tie and tighten.



Use the supplied zip ties to secure the harness all the way up the clutch cable, into the fairing.



Pull the harness taut through the fairing and up above the stereo caddy.



Install the connector in the 3-pin connector on the tachometer.



Install the brown wire from the sensor harness into the brown wire on the stock oil psi connector.

CAMTECH CUSTOM BAGGERS

Body Parts

- Body Kits
- Saddlebags
- Fenders
- Fairings
- Lids
- Chin Spoilers
- Injected Urethane & Fiberglass

Billet Parts

- Wheels
- Floor Boards
- Bag Latches
- Fork Bells
- Turnsignal Eliminators
- Key Switch Cover
- Chrome & Contrast Cut

(843) 552-0336

www.camtechcustom.com

DAKOTA DIGITAL MVX-8K SERIES ANALOG GAUGES



33 Install the interconnect harness into the remaining tachometer and speedometer connectors.



34 Install the interconnect harness into the remaining gauges. The order of connection does not matter.



35 Bundle and secure all of the Dakota Digital wire harnesses in a convenient location.



36 Reinstall the main wire harness and zip tie into the tachometer mounting hole.



37 While holding the trip reset switch, turn on the ignition to reach the setup mode.



38 Following the instructions, tap the trip reset button to cycle through the setup options. Hold the button to enter a specific setup option.

TECHNO RESEARCH

Your Total Source For Diagnostics & Tuning

ONE BOX DOES IT ALL

CENTURION SUPER PRO

- ABS BLEEDING & TESTING
- KEY FOB CODING
- RADIO/SPEAKERS
- MODULE REPLACEMENT AND MORE



DIRECT LINK FLASH TUNE

- REFLASH STOCK ECU
- MODIFY TABLES
- AUTO-MAPPING
- NARROW & WIDE BAND
- AND MORE

MOBILE DYNO DATA RECORDER

- MULTIPLE CHANNEL LOGGING
- ONE-STEP TRANSFER TO AUTO MAPPING
- ANDROID PARAMETER DISPLAY
- BLUETOOTH CONNECTIVITY
- AND MORE

FOR MORE INFO CALL: (248) 658-1800 • 4940 DELEMERE AVE. • ROYAL OAK, MI 48073 - USA

WWW.TECHNO RESEARCH .COM



Reconnect the headlight harness.



Place the outer fairing into position.



Loosely install the middle mounting screw on the top of the fairing.



Install the windshield.



Install the mid level and lower mounting screws and tighten.



Install the remaining upper mounting screws and tighten.

SOMETIMES MORE IS LESS

4 INCH SLIP ONS

Rinehart Racing Slip Ons are designed to give you the best of both worlds. When you install our Slip Ons on your Touring motorcycle, you get the thundering sound exclusive to Rinehart, without breaking the bank. That's right—we've designed these mufflers so that you don't have to change your fuel tuner or upgrade your air cleaner. Better yet, you don't have to pay for countless hours in the Dyno room.

With Rinehart, you get more for less.



RINEHART
R A C I N G

RINEHARTRACING.COM

877.264.8282

DAKOTA DIGITAL
MVX-8K SERIES ANALOG GAUGES



The new MVX-8X04 gauges look great and match the bike perfectly.



Centramatic Balancers are a proven solution designed to smooth your ride and extend tire life. Our patented harmonic device uses centrifugal force and deflection to automatically distribute balancing media precisely where needed to remove imbalance.

MOTORCYCLE BALANCERS

"THE OPEN ROAD NEVER FELT SO GOOD!"

- *Increase Tire Life 35%-50%*
- *Reduce Vibration*
- *Increase Stability*
- *Reduce Rider Fatigue*
- *Improve Braking*
- *Lower Tire Temperatures*
- *Improve Tracking and Cornering*



HONDA
HARLEY-DAVIDSON
(CALL FOR MODELS SUPPORTED)



sales@centramatic.com
855-448-8473 • 817-783-6396

www.centramatic.com