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Dakota Digital BD-140

Dakota Digital BD-140 Big Dog Speedometer with Blue Display User Manual

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of the Dakota Digital BD-140 Big Dog Speedometer with Blue Display. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your device.

Product Overview

The Dakota Digital BD-140 is a digital speedometer designed for Big Dog motorcycles, featuring a clear blue display for speed and odometer readings. It is constructed from durable glass and metal components, ensuring reliability and a clean aesthetic.



Image: Front view of the Dakota Digital BD-140 Big Dog Speedometer. The display shows "60 MPH" and an odometer reading of "001108" in blue digits. Surrounding the central display are various indicator icons for RPM, turn signals, oil pressure, neutral, and fuel level.

Setup and Installation

The BD-140 speedometer is designed for straightforward installation, often described as "plug and play" for compatible models. However, careful attention to detail is required during the process.

1. **Compatibility Check:** Verify that the BD-140 is compatible with your specific Big Dog motorcycle model and year. Note that some models, such as the 2002 Big Dog Mastiff or models with the speedometer mounted on the gas tank, may not be compatible.
2. **Wiring:** Connect the speedometer to the motorcycle's existing wiring harness. The design typically allows for a direct connection without extensive modifications.
3. **Mileage Transfer:** If replacing an existing speedometer, the BD-140 allows for the transfer of previous mileage to the new odometer. This process requires accuracy to ensure correct mileage readings. Consult your motorcycle's service manual or a qualified technician for precise instructions on mileage transfer.
4. **Speed Calibration:** For certain models, such as the '06 Big Dog K9, no calibration may be needed. However, for optimal accuracy, it is recommended to verify speed readings against a known accurate source, such as a GPS device, after installation. A measured mile can be used to fine-tune speed readings if necessary.
5. **Secure Mounting:** Ensure the speedometer is securely mounted in its housing. While some original installations may lack a sealing ring, adding a small amount of silicone sealant around the rim can provide additional protection against the elements.

It is advisable to have installation performed by a qualified technician if you are unfamiliar with motorcycle electrical systems or gauge installation.

Operating Instructions

The Dakota Digital BD-140 speedometer provides clear, digital readouts for speed and odometer functions. The blue display is designed for visibility in various lighting conditions.

- **Speed Display:** The primary display shows the current speed in miles per hour (MPH).
- **Odometer:** The lower display indicates the total accumulated mileage.
- **Indicator Lights:** Various icons around the display illuminate to indicate functions such as RPM, turn signals, oil pressure, neutral gear, and fuel level. Refer to your motorcycle's owner's manual for specific meanings of these indicators.
- **Visibility:** The blue display is engineered to be bright enough for clear visibility during daylight hours and appropriately dimmed for comfortable viewing during night driving.

Maintenance

The BD-140 speedometer is designed for durability with glass and metal construction. Regular maintenance is minimal but important for longevity.

- **Cleaning:** Clean the display face with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the plastic face or display.
- **Environmental Protection:** While the unit is designed to withstand typical riding conditions, ensure proper sealing during installation to protect internal components from moisture and dust.
- **Inspection:** Periodically inspect the wiring connections and mounting for any signs of wear or looseness.

Troubleshooting

If you encounter issues with your Dakota Digital BD-140 speedometer, consider the following common points:

- **No Display/Power:**
  - Check all electrical connections to ensure they are secure and free from corrosion.
  - Verify the motorcycle's fuse for the instrument cluster is intact.
- **Inaccurate Speed Reading:**
  - Confirm that the speedometer was properly calibrated during installation, especially if a measured mile was used.
  - Compare the speedometer reading with a GPS device to determine the extent of inaccuracy.
  - Ensure the speed sensor is clean and properly functioning.
- **Odometer Issues:**
  - If mileage transfer was performed, verify the accuracy of the transferred data.
  - Ensure consistent power supply to the unit.
- **Fitment Issues:**
  - If the unit does not fit your specific model, particularly older Big Dog models where the speedometer is on the gas tank, it may indicate an incompatibility. Always confirm fitment before purchase and installation.

For persistent issues, contact Dakota Digital customer support or a certified motorcycle technician.

Specifications

Feature	Detail
Model Number	BD-140
Brand (as listed by seller)	Restoration Performance
Manufacturer	Dakota Digital
Display Type	Digital, Blue Display
Material	Glass, Metal
Item Dimensions (L x W x H)	9 x 5 x 5 inches
Item Weight	0.6 Pounds
UPC	172303074559

What's in the Box

The package for the Dakota Digital BD-140 typically includes:

- One (1) Dakota Digital BD-140 Speedometer Unit

Additional mounting hardware or wiring harnesses may be sold separately or be part of your motorcycle's existing setup.

Warranty and Support

The Dakota Digital BD-140 Speedometer comes with a manufacturer's warranty. For specific details regarding warranty coverage, duration, and claims, please refer to the documentation provided with your purchase or contact Dakota Digital directly.
For technical support, installation assistance, or troubleshooting beyond the scope of this manual, please contact the manufacturer or an authorized service center.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

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