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Aramox Aramox0kew2umhi9

Aramox DC 12V Universal Motorcycle Electronic Tachometer Instruction Manual

Model: Aramox0kew2umhi9

1. Product Overview

The Aramox DC 12V Universal Motorcycle Electronic Tachometer is designed to provide accurate engine RPM readings for most 12V motorcycles. Constructed from durable aluminum, it features a shockproof and corrosion-resistant housing. An internal light ensures clear data readability in various conditions.

- **Measurement Range:** 0-16000 rpm/min
- **Voltage:** DC 12V
- **Outer Diameter:** 65mm (2.6 inches)
- **Inner Diameter:** 58mm (2.3 inches)
- **Material:** Aluminum



Figure 1: Front view of the Aramox Electronic Tachometer.

2. Installation Instructions

This tachometer is designed for universal fitment on most DC 12V motorcycles. Professional installation is recommended. Ensure the motorcycle's power is off before beginning installation.

2.1 Wiring Diagram

The tachometer features multiple wires for connection. Proper wiring is essential for correct operation and to prevent damage to the unit or motorcycle electrical system. Refer to the following connections:

- **Red Wire (Backlight Power):** Connect to a switched 12V positive power source (e.g., ignition switch).
- **Black Wire (Backlight Ground):** Connect to a reliable ground point on the motorcycle chassis.
- **Green Wire (Tachometer Signal):** Connect to the negative side of the ignition coil. This is the signal wire for RPM measurement.
- **Yellow with Black Line Wire (Tachometer Power):** Connect to a switched 12V positive power source (e.g.,

ignition switch).

- **Black Wire (Tachometer Ground):** Connect to a reliable ground point on the motorcycle chassis.

Note: Some installations may combine the backlight and tachometer power/ground wires if appropriate for your motorcycle's electrical system. Ensure all connections are secure and insulated.



Figure 2: Tachometer showing wiring connections.



Figure 3: Detailed view of wire connectors.

2.2 Mounting

The tachometer includes a mounting bracket. Securely attach the tachometer to a suitable location on your motorcycle, such as the handlebars, ensuring it does not obstruct your view or interfere with controls. Use appropriate hardware to prevent vibration and ensure stability.



Figure 4: Rear view of the tachometer with mounting bracket.

3. Operating Instructions

Once properly installed and wired, the tachometer will display the engine's revolutions per minute (RPM) when the motorcycle is running. The internal LED light illuminates the display for visibility in low-light conditions.

- Turn the motorcycle ignition key to the "ON" position. The tachometer backlight should illuminate.
- Start the motorcycle engine. The tachometer needle will move to indicate the current engine RPM.
- Monitor the RPM during operation to ensure the engine is running within its optimal range.

4. Maintenance

The Aramox tachometer requires minimal maintenance. Follow these guidelines to ensure longevity:

- Keep the tachometer clean by wiping it with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- Regularly check all wiring connections to ensure they remain secure and free from corrosion.

- Inspect the mounting bracket for tightness to prevent vibration-induced damage.
- Protect the unit from extreme weather conditions when possible.

5. Troubleshooting

If you encounter issues with your tachometer, refer to the following troubleshooting steps:

- **Tachometer Not Functioning / No Display:**
  - Verify all wiring connections (power, ground, signal) are correct and secure.
  - Check for blown fuses in the motorcycle's electrical system.
  - Ensure the motorcycle's battery has sufficient charge (12V).
- **Inaccurate or Lagging RPM Reading:**
  - Confirm the signal wire (Green) is correctly connected to the negative side of the ignition coil. An incorrect signal source can cause erratic readings.
  - Ensure the connection to the ignition coil is clean and free of corrosion.
  - Some motorcycles may require a signal filter if the ignition signal is noisy.
- **Backlight Not Working:**
  - Check the Red (power) and Black (ground) wires for the backlight.
  - Ensure the motorcycle's ignition is on.

If issues persist after following these steps, consult a qualified motorcycle technician.

6. Specifications

Feature	Specification
Model Number	Aramox0kew2umhi9
Measurement Range	0-16000 rpm/min
Operating Voltage	DC 12V
Outer Diameter	65mm (2.6 inches)
Inner Diameter	58mm (2.3 inches)
Housing Material	Aluminum
Item Weight	10 g (0.01 Kilograms)
Product Dimensions (L x W x H)	10 x 10 x 10 cm (approximate)
Fitment	Universal for most DC 12V motorcycles

7. Warranty and Support

7.1 Warranty Information

This Aramox product is covered by a 12-month warranty from the date of purchase. This warranty covers manufacturing

defects and material faults under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

7.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your Aramox tachometer, please contact Aramox customer service. Refer to your purchase documentation or the retailer's website for specific contact details.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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