

Koso BA015B25

Koso RX-2N GP Style Multifunction Gauge (20000 RPM) Instruction Manual

Model: BA015B25

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Koso RX-2N GP Style Multifunction Gauge. Please read this manual thoroughly before using the product to ensure correct operation and to prevent damage.

PRODUCT OVERVIEW



Figure 1: Koso RX-2N GP Style Multifunction Gauge

The image displays the Koso RX-2N GP Style Multifunction Gauge. It features a large analog tachometer dial with markings from 0 to 18 (x 1000 RPM), indicating a maximum of 18,000 RPM, though the product title states 20,000 RPM. The gauge includes a digital LCD screen showing a speed reading (e.g., "110"), an odometer ("000013 mph"), and a timer ("0 54"). A digital fuel level indicator is visible on the right side of the LCD. On the left side of the gauge, there are vertical indicator lights for turn signal (green), high beam (blue), neutral (green), check engine (orange), oil pressure (red), and another turn signal (green). On the right side, below the LCD, there are additional indicator lights for temperature (amber) and speeding (red). The Koso logo is prominently displayed below the analog dial. Buttons are visible on the bottom left and right for control.

The Koso RX-2N GP Style Multifunction Gauge is an advanced instrument designed for motorcycles and powersports vehicles. It integrates multiple essential functions into a single, compact unit, providing critical vehicle information to the rider. Its design combines an analog tachometer with a digital display for comprehensive data presentation.

KEY FEATURES

- **High-Precision Tachometer:** Displays engine RPM from 0 to 20,000 RPM.
- **Integrated Timer:** Features a timer function from 0 to 9 minutes, 59.99 seconds.
- **Comprehensive Indicator Lights:** Includes visual alerts for:
 - Turn Signal (Green)
 - Neutral Gear (Green)
 - High Beam (Blue)
 - Oil Pressure (Red)
 - Engine Diagnostics (Amber)
 - Speeding Warning (Red)
 - Temperature Warning (Amber)

- **Advanced Technology:** Developed with high-quality components and modern technology for reliable performance.

SETUP

Proper installation is crucial for the correct functioning of the Koso RX-2N GP Style Multifunction Gauge. It is recommended that installation be performed by a qualified technician.

1. **Preparation:** Ensure the vehicle's power is disconnected before beginning installation. Gather all necessary tools and mounting hardware.
2. **Mounting:** Securely mount the gauge in the desired location on your vehicle, ensuring clear visibility and access to controls.
3. **Wiring:** Connect the gauge's wiring harness to the vehicle's electrical system according to the detailed wiring diagram provided in the full installation guide (not included in this overview). Pay close attention to connections for power, ground, RPM signal, speed sensor, and indicator lights.
4. **Sensor Installation:** Install any necessary sensors (e.g., speed sensor, temperature sensor) as per their specific instructions.
5. **Initial Power-Up:** Reconnect vehicle power and perform an initial power-up test. Verify that the gauge powers on and displays basic information.
6. **Calibration:** Calibrate the speed and RPM functions as required for your specific vehicle setup. Refer to the full manual for detailed calibration procedures.

OPERATING INSTRUCTIONS

Once installed and calibrated, the Koso RX-2N GP Style Multifunction Gauge provides real-time vehicle data. The primary display elements are:

- **Analog Tachometer:** The large needle indicates engine RPM.
- **Digital Speed Display:** Shows current vehicle speed in the main digital readout.
- **Odometer/Trip Meter:** Displays total distance traveled (odometer) or resettable trip distance.
- **Timer:** Access and operate the integrated timer function for lap times or other timing needs.
- **Fuel Level Indicator:** Provides a visual representation of the fuel tank level.
- **Indicator Lights:** Monitor the various warning and status lights for critical vehicle information (turn signals, neutral, high beam, oil, engine, speeding, temperature).

Specific button functions for navigating menus, resetting trip meters, or adjusting settings are detailed in the comprehensive user manual. Typically, buttons on the gauge allow for mode switching and value adjustments.

MAINTENANCE

The Koso RX-2N GP Style Multifunction Gauge is designed for durability and requires minimal maintenance.

- **Cleaning:** Clean the gauge display and housing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surface.
- **Inspection:** Periodically check all wiring connections to ensure they are secure and free from corrosion. Inspect the mounting for stability.
- **Environmental Protection:** While designed for outdoor use, prolonged exposure to extreme weather conditions

should be minimized where possible to extend product life.

TROUBLESHOOTING

If you encounter issues with your Koso RX-2N GP Style Multifunction Gauge, consider the following common troubleshooting steps:

- **No Power/Display:**
 - Check all power and ground connections.
 - Verify the vehicle's battery voltage.
 - Inspect fuses in the vehicle's electrical system.
- **Incorrect Speed/RPM Reading:**
 - Ensure the speed sensor and RPM signal wires are correctly connected.
 - Recalibrate the speed and RPM settings according to the full manual.
 - Check for damage to the speed sensor or its wiring.
- **Indicator Lights Not Functioning:**
 - Verify connections for the specific indicator light.
 - Check the vehicle's corresponding system (e.g., turn signal bulb, oil pressure sensor).

For persistent issues, consult the complete Koso RX-2N user manual or contact Koso customer support.

SPECIFICATIONS

Brand	Koso
Model Number	BA015B25
RPM Range	0 - 20,000 RPM
Timer Range	0 - 9'59"99
Indicator Lights	Turn Signal (Green), Neutral (Green), High Beam (Blue), Oil (Red), EOBD (Amber), Speeding (Red), Temperature (Amber)
Item Weight	Approx. 1.99 pounds (0.9 kg)
Product Dimensions	Approx. 1 x 1 x 1 inches (2.54 x 2.54 x 2.54 cm)
UPC	748264445518

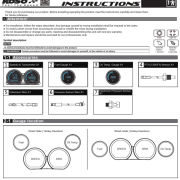
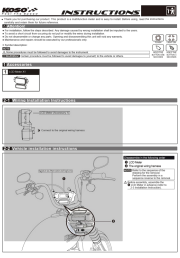
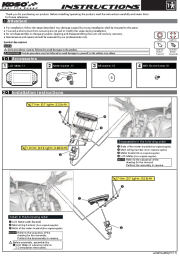
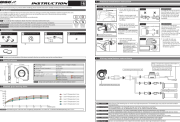

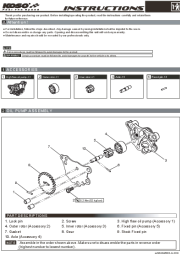
Note: Specifications are subject to change without notice.

WARRANTY AND SUPPORT

For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Koso website. Warranty coverage typically addresses manufacturing defects.

For technical support, troubleshooting assistance beyond this manual, or inquiries regarding parts and service, please contact Koso customer service directly through their official channels. Keep your purchase receipt and product model number (BA015B25) handy when contacting support.

Related Documents - BA015B25

	<p>KOSO HD-03L Gauge Kit Installation and Operation Manual</p> <p>This manual provides detailed instructions for installing, operating, and configuring the KOSO HD-03L 4-piece gauge kit for Harley Davidson motorcycles. It covers accessories, disassembly, wiring, gauge overview, settings, and troubleshooting.</p>
	<p>KOSO D2 LCD Meter Installation and Operation Manual</p> <p>Comprehensive instructions for installing and operating the KOSO D2 LCD Meter, covering wiring, vehicle installation, overview of features, settings, and troubleshooting.</p>
	<p>KOSO RX-4 S TFT Multi-Function Display Installation and Operation Manual</p> <p>This manual provides detailed instructions for installing, operating, and configuring the KOSO RX-4 S TFT Multi-Function Display for Yamaha MT-07 motorcycles. It covers features, specifications, button functions, settings, and troubleshooting.</p>
	<p>KOSO Heated Grips Installation and Operation Manual</p> <p>Comprehensive instruction manual for KOSO heated grips, covering installation, specifications, function settings, low-voltage mode, and troubleshooting. Ensure safe and proper use of your KOSO heated grips.</p>
	<p>KOSO Heated Grips Installation and Operation Manual</p> <p>Comprehensive guide for installing and operating KOSO heated grips for motorcycles. Includes technical specifications, mounting instructions, electrical connections, and troubleshooting.</p>
	<p>KOSO High Flow Oil Pump Instructions and Performance Data</p> <p>Detailed instructions for installing the KOSO High Flow Oil Pump, including parts list, assembly guide, and a performance comparison chart showing increased oil flow.</p>

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