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Parts Express 4S29-1502501

Parts Express Electric Speedometer 120 MPH 3.375 Inch User Manual

MODEL: 4S29-1502501

1. Introduction

This manual provides essential instructions for the proper installation, operation, and maintenance of your Parts Express Electric Speedometer. Please read this manual thoroughly before installation and use to ensure correct functionality and longevity of the product. Retain this manual for future reference.



This image shows the front view of the Parts Express Electric Speedometer. It features a black dial with clear white numerals indicating speeds from 0 to 120 MPH. A white pointer needle indicates the current speed. Below the center, a digital odometer displays '0000000' with a tenths digit. The bezel is black, and the 'ISSPRO' logo is visible on the dial.

2. Safety Information

- Always disconnect the vehicle's battery before performing any electrical work to prevent short circuits or electrical shock.
- Ensure all wiring connections are secure and properly insulated to prevent electrical hazards.
- Mount the speedometer securely to avoid vibration damage or detachment during vehicle operation.
- If you are unsure about any installation steps, consult a qualified automotive technician.
- Do not attempt to modify the speedometer, as this may void the warranty and cause malfunction.

3. Setup and Installation

The speedometer includes a mounting bracket kit, adapter plug, and connector for installation. Professional installation is recommended.

1. **Mounting:** Select a suitable location on your dashboard or panel. Ensure there is sufficient clearance behind the panel for the speedometer body and wiring. Use the provided mounting bracket kit to secure the speedometer firmly in place.
2. **Wiring Connections:**
 - **Power (12V DC):** Connect the positive wire (typically red) to a switched 12V ignition source.
 - **Ground:** Connect the negative wire (typically black) to a reliable chassis ground point.
 - **Illumination:** Connect the illumination wire (if present, typically white or orange) to your vehicle's dashboard lighting circuit for perimeter illumination.
 - **Speed Sensor Input:** Connect the speed signal wire (refer to your vehicle's wiring diagram or sensor instructions) to the designated input on the speedometer. Use the provided adapter plug and connector as needed.
3. **Final Checks:** Double-check all connections for security and proper insulation. Reconnect the vehicle's battery.

4. Operating Instructions

The Parts Express Electric Speedometer is designed for straightforward operation, providing real-time speed and distance information.

- **Reading Speed:** The white pointer needle indicates your current speed in Miles Per Hour (MPH) on the black dial, ranging from 0 to 120 MPH.
- **Odometer:** The digital display at the bottom of the dial tracks total distance traveled, up to a million miles, including tenths of a mile. This odometer is non-resettable.
- **Illumination:** The speedometer utilizes perimeter lighting for visibility in low-light conditions. This illumination activates when connected to the vehicle's lighting circuit.

5. Maintenance

Minimal maintenance is required for this electric speedometer.

- **Cleaning:** Clean the face of the speedometer with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the dial or bezel.
- **Inspection:** Periodically check all wiring connections to ensure they remain secure and free from corrosion.
- **Environmental Protection:** Ensure the speedometer is protected from excessive moisture and extreme temperatures, as per its intended use in a vehicle dashboard.

6. Troubleshooting

If you encounter issues with your speedometer, consider the following common troubleshooting steps:

- **No Power/No Illumination:**
 - Check the 12V power and ground connections. Ensure they are secure and receiving power.
 - Verify that the vehicle's fuse for the accessory circuit is intact.
 - For illumination, check the connection to the vehicle's lighting circuit.
- **Incorrect Speed Reading:**
 - Ensure the speed sensor input wire is correctly connected and the sensor is functioning properly.
 - Verify that the speedometer is compatible with your vehicle's speed sensor type.
- **Odometer Not Advancing:**
 - This is typically linked to an incorrect or absent speed signal. Refer to the 'Incorrect Speed Reading' steps.

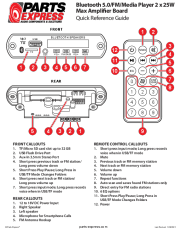
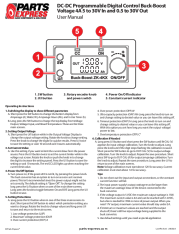

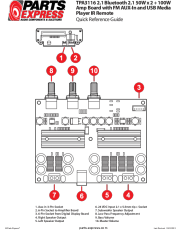
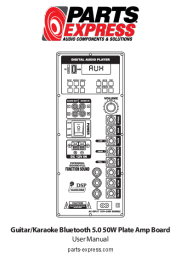

If these steps do not resolve the issue, contact Parts Express customer support or a qualified technician.

7. Specifications

Brand	Parts Express
Model Number	4S29-1502501
Measurement Range	0 - 120 MPH
Housing Size	3.375 Inch
Odometer	Million Mile with Tenths
Illumination	Perimeter Lighting
Dial Color	Black
Numerals/Pointer Color	White
Bezel Color	Black
Item Weight	14.6 ounces (0.91 lbs)
Product Dimensions (L x W x H)	4.15 x 4.1 x 4.1 inches

8. Warranty and Support

For warranty information, please refer to the documentation included with your purchase or visit the official Parts Express website. For technical support or further assistance, please contact Parts Express customer service directly.

 <p>PARTS EXPRESS Bluetooth 5.0/FM/Media Player 2 x 25W Max Amplifier Board Quick Reference Guide</p>	<p>Bluetooth 5.0/FM/Media Player 2 x 25W Max Amplifier Board Quick Reference Guide</p> <p>Quick reference guide for the Parts Express Bluetooth 5.0/FM/Media Player 2 x 25W Max Amplifier Board, detailing front panel, rear panel, and remote control features and functions.</p>
 <p>PARTS EXPRESS DC-DC Programmable Digital Control Buck-Boost Converter User Manual</p>	<p>Parts Express DC-DC Programmable Digital Control Buck-Boost Converter User Manual</p> <p>User manual for the Parts Express DC-DC Programmable Digital Control Buck-Boost Converter (Model ZK-4KX), detailing operating instructions, settings, protections, calibration, and important tips for voltage and current regulation.</p>
 <p>PARTS EXPRESS Bluetooth 5.0 FM MP3 Player 2x40W Amplifier Decoder Board User Manual</p>	<p>Parts Express Bluetooth 5.0 FM MP3 Player 2x40W Amplifier Decoder Board User Manual</p> <p>User manual for the Parts Express Bluetooth 5.0 FM Radio/MP3 Player with a 2 x 40W Amplifier Decoder Board and IR Remote. Features include dual decoding, recording, various input options, and detailed specifications.</p>
 <p>PARTS EXPRESS TPA3116 2.1 Bluetooth Amplifier Board Quick Reference Guide</p>	<p>TPA3116 2.1 Bluetooth Amplifier Board Quick Reference Guide</p> <p>Quick reference guide for the Parts Express TPA3116 2.1 Bluetooth Amplifier Board, detailing its features, connections, and controls.</p>
 <p>PARTS EXPRESS Guitar/Karaoke Bluetooth 5.0 50W Plate Amp Board User Manual</p>	<p>Guitar/Karaoke Bluetooth 5.0 50W Plate Amp Board User Manual</p> <p>User manual for the Parts Express Guitar/Karaoke Bluetooth 5.0 50W Plate Amp Board, detailing its features, controls, jack specifications, and operation instructions.</p>
 <p>PARTS EXPRESS Bluetooth Antique Speaker 3D Printer Build Manual</p>	<p>Build Your Own Bluetooth Antique Speaker: Parts Express 3D Printer Kit Manual</p> <p>Comprehensive build manual for the Parts Express Bluetooth Antique Speaker 3D Printer Kit. Includes a detailed list of components, step-by-step assembly instructions, and finishing tips for creating a unique retro-style Bluetooth speaker.</p>

