

## PROSPORT PERFORMANCE 216CKBR

# Prosport Performance 52mm Analog Clock User Manual

## 1. INTRODUCTION AND OVERVIEW

The Prosport Performance 52mm Analog Clock provides a clear and precise method for tracking time within your vehicle. Designed to integrate seamlessly into various dashboards, this gauge offers easy readability and a classic aesthetic. Its robust, water-resistant construction ensures durability in diverse environments, including marine applications.

- **Classic Analog Timekeeping:** Offers a traditional gauge appearance for cars, trucks, and RVs.
- **Water-Resistant Design:** Features a sealed face and housing for protection against moisture, suitable for open-top vehicles or marine use.
- **Compact 52mm (2 1/16") Size:** Designed to fit standard 52mm gauge openings, allowing for versatile installation.
- **Clear Readability:** Equipped with a black dial, high-contrast markings, and a red pointer under a clear lens for legibility in various lighting conditions. Backlighting is included for low-light visibility.
- **12V Compatibility:** Engineered for straightforward installation in 12V electrical systems.

## 2. WHAT'S IN THE BOX

Upon opening your package, verify that all components are present:

- Prosport Performance 52mm Analog Clock Unit
- Wiring Harness
- External Time Setting Button
- Mounting Bracket and Hardware

# ***CLOCK FEATURES***

*Designed for 12V electrical systems, a practical upgrade or finishing touch for enthusiasts, restorers, and anyone who appreciates the simplicity of analog instrumentation.*



Contents of the package, including the 52mm analog clock, the multi-wire harness for electrical connection, and the external time setting button.

## **3. INSTALLATION INSTRUCTIONS**

### **3.1. Before You Start**

1. Read these instructions completely before beginning installation.
2. Install the clock only when the engine is cool and the ignition is off.
3. Ensure all necessary tools, materials, and parts are readily available.
4. Disconnect the negative (-) battery cable before proceeding with installation.
5. Verify that the chosen mounting location does not obstruct driving visibility or interfere with existing

vehicle components or wiring.

6. When making electrical connections, crimp all terminals securely and insulate wire splices with electrical tape to prevent short circuits.
7. Always follow appropriate safety procedures during installation.

**Note:** *Reconnecting the battery may require reprogramming your vehicle's radio, clock, or other electronic systems.*

### **3.2. Mounting**

The clock is designed for mounting in-dash or within standard 2-1/16 inch (52mm) gauge panels. Use the provided mounting bracket and hardware to secure the clock. Before final tightening, temporarily connect the wiring to ensure proper functionality.

INCLUDES

# Simple Installation Instructions

INSTALLATION INSTRUCTIONS  
(2-1/16") 52MM ELECTRICAL GAUGES  
TRUCK / YACHT GAUGE SERIES

CLOCK

## Mounting

These gauges can be mounted in-dash or in Auto Gauge panels (2-1/16" dia. hole for 2-1/16" gauges). Fasten with brackets supplied as shown. (Hookup wire is required.) To assure proper functioning of this instrument, please read instructions thoroughly before installing.

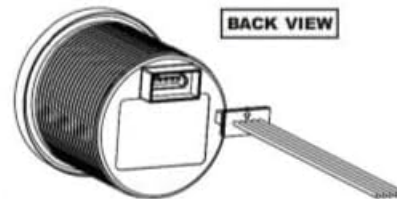


BOTTOM VIEW

## 1 BEFORE YOU START

1. Read instructions completely before installation.
2. Install trim gauge only when engine is cool and ignition is off.
3. Make sure all necessary tools, materials, and parts are on hand.
4. Disconnect negative (-) battery cable before installing trim gauge.
5. Make sure mounting location does not impair visibility of interfere with driving. Also check behind the mounting location for any wiring or components before drilling.
6. When connecting electrical wire, install crimp terminals and make wire splices as needed. ALWAYS insulate wire splices with electrical tape to prevent shorting.
7. Follow all necessary safety procedures for protection.

NOTE: It may be necessary to reprogram your radio, clock, etc. after reconnecting the battery.



BACK VIEW



Set Switch

Good engine ground

Connect to gauge green wire

## 2

- Yellow - 12v Constant (+)
- Black - Chassis Ground (-)
- Green - Set Switch (+)
- Red - 12v Ignition Switch (+)
- Orange - 12v Headlight Switch (+)

## Setting the time

Press and hold the set switch down for approx 5 seconds until the Pointer begins to blink. Release set switch. Push and hold set switch To move quickly across the scale or Toggle set switch to move pointer in small increments. Once you have the pointer where you want it, wait 5 seconds to "set" and pointer will stop blinking.

WWW.PROSPORTGAUGES.COM

Rear view of the clock, highlighting the wiring connections and the recessed set button for time adjustment.

### 3.3. Wiring Diagram (12V Systems)

Connect the wiring harness according to the following color code:

- **Yellow Wire:** Connect to a 12V Constant power source (+).
- **Black Wire:** Connect to Chassis Ground (-).
- **Green Wire:** Connect to the Set Switch (+).
- **Red Wire:** Connect to a 12V Ignition Switch power source (+).
- **Orange Wire:** Connect to the 12V Headlight Switch power source (+).

Ensure a good engine ground connection for optimal performance.

## 4. OPERATING INSTRUCTIONS

---

### 4.1. Setting the Time

1. Press and hold the external set switch for approximately 5 seconds. The clock's pointer will begin to blink, indicating it is in setting mode.
2. Release the set switch.
3. To adjust the time quickly, press and hold the set switch. To make fine adjustments (small increments), toggle the set switch with short presses.
4. Once the pointer is at the desired time, wait for 5 seconds without pressing the switch. The pointer will stop blinking, and the time will be set.



Front view of the Prosport Performance 52mm Analog Clock, featuring a black dial with white hour markers and a red hour and minute hand.

## 5. MAINTENANCE

---

The Prosport Performance 52mm Analog Clock is designed for durability and requires minimal

maintenance. To ensure longevity and clear visibility:

- Regularly clean the clear lens with a soft, damp cloth to remove dust and smudges. Avoid abrasive cleaners.
- Periodically inspect wiring connections to ensure they remain secure and free from corrosion.
- Ensure the clock's housing remains sealed, especially in marine or high-moisture environments, to maintain its water-resistant properties.

## 6. TROUBLESHOOTING

---

### 6.1. Backlight Always On

Some users have noted that the clock's backlight may remain on continuously, even when the vehicle is off. The orange wire is intended for connection to the dash light circuit to control dimming. If a constant backlight is not desired, consider the following:

- If the clock keeps time without the 'power/ignition' wire (Red), you may wire both the Red (12V Ignition) and Orange (12V Headlight Switch) wires to a switched interior light wire. This configuration allows the clock to keep time without a constant backlight during normal operation.
- Be aware that with this alternative wiring, the clock's time-setting function (which often relies on the backlight circuit being active) might only be accessible when the interior light switch is on.

### 6.2. General Issues

- **Clock Not Functioning:** Check all wiring connections (Yellow, Black, Red) for proper contact and ensure the 12V power source is active. Verify the fuse in the circuit is intact.
- **Time Not Setting:** Ensure the Green wire for the set switch is correctly connected and the switch itself is functional. Follow the time-setting procedure carefully.

## 7. SPECIFICATIONS

---

Attribute	Detail
Brand	PROSPORT PERFORMANCE
Model	216CKBR (Clock Analog, Water Resistant)
Material	Glass, Plastic
Item Dimensions (L x W x H)	2.25 x 2 x 2.01 inches
Item Weight	10.1 ounces
Voltage	12 Volts
Manufacturer	Prosport Performance

## 8. WARRANTY AND SUPPORT

---

For specific warranty information and technical support, please refer to the documentation provided with your purchase or contact Prosport Performance directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase for any warranty claims.

