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# INSTRUCTIONS

## Motion Pro Digital Tire Gauge P/N 08-0684

### Quick Use Instructions

1. Press the ON/OFF button to power-up gauge. The gauge will display current pressure and pressure unit (PSI, BAR, KG/CM2, kPa).
2. Select the desired pressure unit by pressing the FUNCTION button to toggle through the available pressure units until the desired unit is shown at the top of the display.

The gauge is now ready to measure pressure. Connecting the gauge to the tire valve, the display will show the current tire pressure to the tenth (1/10) of a pound. You may depress the grey pressure release button on the front of the blue trapezoid body to release excess pressure from the tire until you reach your desired pressure. The gauge will continuously monitor the current pressure unless set to hold mode (see below). After use of the gauge is complete, it can either be turned off manually to preserve maximum battery life by holding the ON/OFF button for three seconds, or allowed to turn off automatically after the programmed auto-off time has elapsed (see below for instructions on changing the auto-off timer settings).

The gauge will automatically zero for changes in temperature or ambient pressure during normal use; however, the gauge can be manually zeroed anytime by pressing the ON/OFF after initial power-up.

**Note:** *The gauge will not hold pressure once removed from the tire valve. However, if it is desired that the gauge does retain a pressure reading, it can be set to hold mode (see below) and the maximum pressure indicated will be retained on the display until gauge is turned off or is allowed to auto-off.*

The Motion Pro 08-0684 Digital Tire Pressure Gauge reads 1-60 psi with  $\pm 0.6$  psi accuracy and 0.1 psi precision.

**Important:** *Exceeding 60 psi pressure application will result in OL (over limit) reading on display, and exceeding 120 psi may permanently damage the gauge. Do not exceed 120 psi pressure application.*

### Additional Features

#### **Manual Zero**

The gauge will typically be used to measure from 0.0 units of pressure when disconnected from a pressurized air source, as displayed on the screen at that time. During normal use, the gauge will automatically zero regardless of changes in ambient temperature or pressure. However, the gauge can be manually zeroed at any time by pressing the ON/OFF button after initial power-up. Typically, this should only be performed with the gauge disconnected from a pressurized air source and after purging the unit of residual pressure by pressing the grey pressure release button.

#### **Setting AUTO-OFF Timer**

With the unit turned "on" and 0.0 displayed, press and hold the FUNCTION button for three seconds until the auto-off time setting appears (t180, t240, t300, or t360). These settings indicate the length of time, in seconds, in which the gauge will automatically power off after inactivity. Press the ON/OFF button to toggle between these four settings. Once the desired setting is displayed, allow the gauge to return to the home screen automatically. The gauge is now ready for use.

#### **Setting Cont and Hold Functions**

**Note:** Virtually all users will normally use the Cont (Continuous) mode for normal tire pressure readings allowing the gauge to continuously monitor the current pressure; however, Hold mode may be desirable in certain applications, in which the maximum pressure reading will be retained on the display until gauge is turned off or is allowed to auto-off.

With the unit turned "on" and 0.0 displayed, press and hold the FUNCTION button for three seconds until the auto-off time setting appears (t180, t240, t300, or t360). Quickly press FUNCTION button once more until either Cont or HoLd is displayed. Press the ON/OFF button to toggle between these two settings. Once the desired setting is displayed, allow the gauge to return to the home screen automatically. The gauge is now ready for use.

#### **Setting AUTO-ON Function**

With the Auto-On feature enabled, the gauge will automatically detect pressure above 5 psi, turn on and display current pressure simply



Cont. (See Reverse Side)

by connecting the gauge to a pressure source. This feature will also override the Auto-Off timer feature while the gauge is sensing pressure. The Auto-Off Timer will resume once the gauge has been removed from the pressure source.

With the unit turned “on” and 0.0 displayed, press and hold the FUNCTION button for three seconds until the auto-off time setting appears (t180, t240, t300, or t360). Quickly press FUNCTION button twice more until either HAnd or Auto is displayed. HAnd indicates manual power-up, and Auto indicates enabled Auto-On function. Press the ON/OFF button to toggle between these two settings. Once the desired setting is displayed, allow the gauge to return to the home screen automatically. The gauge is now ready for use.

### **Battery Replacement**

The 08-0684 Motion Pro Digital Tire Pressure Gauge uses two AAA batteries to power the unit. When the batteries are running low on power, the display screen will show an empty battery indicator at its top to suggest prompt battery replacement. When the batteries have insufficient power for use and require immediate replacement, the display screen will read Lo then power off. To replace the batteries in the gauge after they no longer have sufficient power, carefully push the rubber boot back over the top of the gauge, exposing the rectangular battery compartment lid. Open the battery compartment lid by first removing the single cross-drive screw. Disengage the two prongs on the lower edge of the battery compartment lid to gain access to the batteries. Remove the old batteries and install new batteries, paying close attention to proper battery terminal orientation as indicated in the battery compartment. Engage the two prongs on the lower edge of the battery compartment lid, close top portion of lid, and fasten cross-drive screw to secure lid in place. Return the rubber boot to its original position and the gauge is now ready for use.

### **Warranty**

This product is guaranteed against defects in quality and workmanship for a period of two years from the date of purchase.

All products being returned to Motion Pro for warranty consideration must be accompanied by a Return Goods Authorization number (RGA#). **Please contact the Motion Pro Warranty Department at 650-594-9600 between 8am-5pm pst Monday-Friday, or email: [warranty@motionpro.com](mailto:warranty@motionpro.com) to obtain a RGA#. Please do not send any product to Motion Pro without an RGA#.**

All gauges will be inspected for warranty eligibility upon receipt. External signs of abuse or damaging the gauge with excessive pressure will not be covered by warranty.

This warranty is limited to repair or replacement at the sole discretion of Motion Pro, Inc.

The above is the customer’s exclusive remedy. The above is in lieu of all warranties expressed or implied and of all other obligations and liabilities. In no event shall Motion Pro, Inc. be liable for any incidental or consequential damages arising from the breach of any warranties, improper use, the failure to deliver, delay in delivery, delivery of non-conforming parts, or any other breach of contract or duty.