



## HIGH ACCURACY 4 DIA. PRESSURE GAUGES PART# 89552, 89562

### FEATURES INCLUDE

- Double incrementation face eliminates guess work and are accurate within 0.1 psi (p/n 89552) and 0.5 psi (p/n 89562).
- Knife edge pointer gives a sharp view of readings, reducing human error.
- 0.5% accuracy full scale gives 4 times the accuracy of the more common 3-2-3% air gauges.
- Large 4" diameter face creates a larger span per angular increment which increases accuracy.
- Durable fiberglass reinforced thermoplastic housing lowers the gauge weight and protects the gauge internals by reducing the shock associated with common metal housings.
- Adjustable pointer for calibrating the gauge needle to a known air pressure source.
- Molded high density polyethylene carrying case with energy absorbing foam will provide extra protection over the life of your gauge.
- 16" long hose with pressure relief valve makes recording and adjusting tire pressure easy.

### OPERATING NOTES

DO NOT HOLD THE GAUGE FACE UP WHEN TAKING READINGS OR MAKING POINTER ADJUSTMENTS. All readings should be taken with the gauge face perpendicular to the ground due to the pressure element's extreme sensitivity which can be affected by gravitational force.

IF YOUR NEW GAUGE IS NOT ZEROED WHEN IT IS FIRST OPENED DO NOT BE ALARMED. This is the result of the zero adjustment shifting during shipping and does not affect the calibrated span or angularity. Adjust your pointer to zero using the following instructions and your readings will be correct.

### ADJUSTING THE GAUGE POINTER:

Before the pointer is to be adjusted, make sure that the air source being used to test the gauge is calibrated by a gauge greater than 0.5% accuracy or certified by a tire manufacturer.

1. Unscrew the gauge lens retaining ring and remove the lens.
2. Hold the pointer stationary with 2 fingers gripping onto the wide end of the pointer around the adjustment screw. Do not hold or touch the knife edge side of the pointer because it will bend.
3. While stationary, use a small screwdriver to turn the adjustment screw in the direction which the pointer needs to be adjusted. Do not press down on the pointer with the screwdriver it may damage the mechanism.
4. Compare the gauge reading to the calibrated air source. If no further adjustments are needed, make sure that the o-ring seal on the housing is properly seated in its groove and replace the lens and retaining ring.

### REDUCING TIRE AIR PRESSURE

When checking the tire pressure, press the relief valve in the gauge-to-hose fitting to evacuate air. Release the button to stop the evacuating air and to obtain a new pressure reading.

### WARNING

Results from the following may damage the gauge internals or affect the calibration and void the warranty:

- Avoid dropping or causing extensive mechanical shock to the gauge.
- Do not over pressurize or pull a vacuum with this gauge

### WARRANTY INFORMATION

All gauges have a 90 day warranty directly with Moroso Performance Products. In order to be covered it must be registered for warranty consideration. To register the gauge, complete the warranty card, attach a copy of the receipt and return directly to:

**For Technical Assistance, Call Moroso's Tech Line at  
(203) 458-0542, 458-0546 8:30am – 5:00pm Eastern Time**

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