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# INSTRUCTIONS

## NITROGEN SHOCK GAUGE AND FILLER P/N 08-0072

The Motion Pro Shock Gauge is designed to accurately fill gas charged shocks. This shock gauge is designed to be used in conjunction with a nitrogen tank, regulator, hose and filler chuck (NOT INCLUDED).

### **WARNING!**

**FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN GREAT BODILY HARM AND OR DEATH!**

**IT IS IMPERATIVE THAT YOU REGULATE THE NITROGEN PRESSURE FROM THE TANK DOWN TO A SAFE PRESSURE UNDER 300 PSI! NEVER APPLY FULL TANK PRESSURE TO THIS TOOL! Wear eye protection to prevent eye injury from escaping gas and/or metal chips. We recommend that a qualified mechanic in a properly equipped shop perform this procedure.**

### **CAUTION!**

**Always follow shock manufacturers instructions and only fill to their recommended pressure.**

1. Support the motorcycle securely on a stand with the rear wheel off the ground.
2. Remove the Schrader valve cap from the shock. Bleed off any nitrogen pressure remaining in the shock reservoir.
3. Lightly turn T-handle valve counter-clockwise to stop. Next, connect T-handle valve to Schrader valve on shock. Tighten T-handle valve very lightly with 11/16" wrench to insure good seal.
4. Turn T-handle valve clockwise while nitrogen pressure from tank is being applied to Motion Pro gauge. A slight deflection of the Motion Pro gauge needle will occur when the T-handle valve has opened the shock Schrader valve.
5. Wait a few seconds, and then lightly turn the T-handle valve counter-clock wise to stop. Remove nitrogen tank hose from Motion Pro gauge. Bleed pressure from Motion Pro gauge by depressing bleeder valve button. Motion Pro gauge may safely be removed from shock now. Replace Schrader valve cap on shock.

NOTE: On some Showa shocks the Schrader valve extension (#08-0132) is required. This extension is included with the Motion Pro Shock Gauge # 08-0072.

On some Yamaha and Ohlins shocks, there is a self sealing rubber valve. The Motion Pro Nitrogen Needle (#08-0075) is required to pressurize these shocks. The nitrogen needle is sold separately.