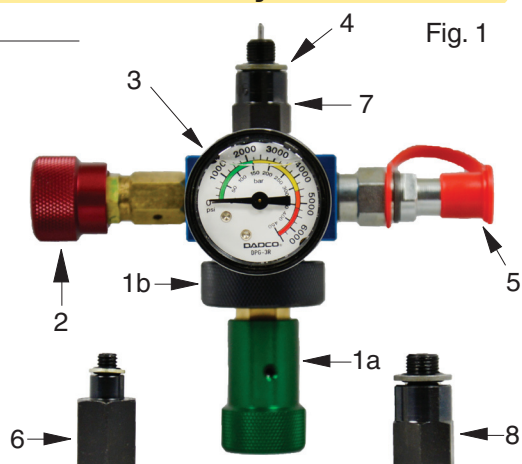
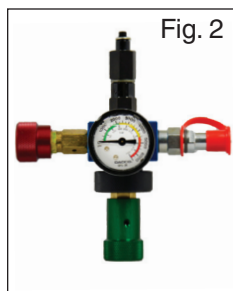


Features

- DADCO's Adjustable Pressure Analyzer includes three interchangeable bits designed to work with the greatest range of DADCO Nitrogen Gas Springs.
- Quick and easy tool for charging, discharging and gauging the pressure in DADCO's Mini, U (with the exception of the U.0175, U.0325 and U.0400) and Large Series Nitrogen Gas Springs.
- DADCO's interchangeable bits are engineered to work specifically with DADCO's ports, allowing the valves to be opened without damage.
- When not in use, thread all bits onto the depressor end for convenient storage (Fig.2).



Components

| | | |
|--|---------------------------------------|------------------------------|
| 1. Valve Depressor (90.315.505) <i>Includes Valve Depressor Knob [1a] & Port Engagement Knob [1b]</i> | 3. High Pressure Gauge (DPG-3R) | Interchangeable Bits: |
| 2. Bleed Valve (BV-4G) | 4. Face Seal | 6. M6 Thread (90.315.501) |
| | 5. Male Quick Disconnect (90.310.110) | 7. G 1/8 BSPP (90.315.502) |
| | | 8. G 1/8 BSPP (90.315.504) |

Operation

Please follow the guidelines below for proper operation:

Charging:

Note: Do not use 90.315.5 to charge Micro Series Nitrogen Gas Springs.

- Be sure the valve depressor knob [1a] is fully retracted (CCW) and the bleed valve [2] is closed (CW).
- Use the table to determine the appropriate bit to use.

| Port Type | Valve Part ID | Bit Selection |
|-----------|----------------|---------------|
| M6 | 90.260 | 90.315.501 |
| G 1/8 | 90.250, 90.260 | 90.315.502 |
| | 90.265 | 90.315.504 |

- Thread the appropriate interchangeable bit [6,7 or 8] onto the 90.315.5 Adjustable Pressure Analyzer.
- Fasten the bit [6,7 or 8] into the gas spring port by rotating the port engagement knob [1b] (CW) until it is tight against the face seal [4].
- Connect a quick disconnect charging assembly to the male quick disconnect [5].
- Open the nitrogen supply and verify the charging pressure on the regulator gauge [3] is correct.
- Tighten the valve depressor knob [1a] (CW) until you feel resistance, then back off a half turn (CCW). When the valve is open, there will be a sound indicating a pressure change in the cylinder.
- When the pressure in the cylinder reaches the desired charging pressure, close the nitrogen supply. Disconnect the charging assembly from the male quick disconnect [5].
- Retract the valve depressor knob (CCW) [1a].
- Bleed off the excess pressure in the 90.315.5 using the bleed valve [2].
- Unfasten the 90.315.5 from the gas spring using the port engagement knob [1b].

Gauging:

Note: The 90.315.5 is not recommended for gauging pressure in short stroke nitrogen gas springs (<25 mm stroke) or in Micro Series Nitrogen Gas Springs because it will reduce the pressure in the cylinder.

- Repeat steps A – D above.
- Extend the valve depressor by rotating (CW) the valve depressor knob [1] until the gauge [3] reads the pressure in the cylinder.
- Retract the valve depressor by rotating it (CCW). Bleed the sampling pressure by opening the bleed valve [2].

Discharging:

- Repeat steps A – D above.
- Extend the valve depressor knob [1a] by rotating (CW) until the gauge [3] reads the pressure. Slowly open the bleed valve [2] to discharge pressure from spring until desired pressure is shown on the gauge [3].