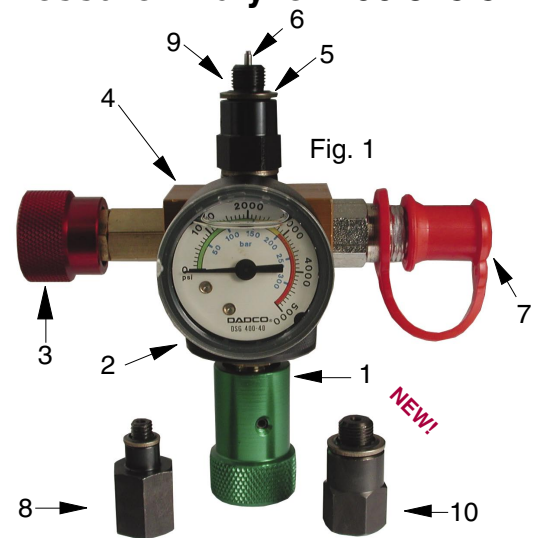
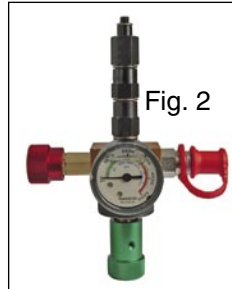


### Features

DADCO's Adjustable Pressure Analyzer includes three interchangeable bits designed to work with any DADCO Nitrogen Gas Spring.

- Quick and easy tool for charging, discharging and gauging the pressure in DADCO's Large (90.5B, 90.9, 90.10, 90.10R and SC/98.80 Series), Mini (90.7/LJ and 90.3/L Series) and Micro (C/90.4) 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)	5. Face Seal	<b>Interchangeable Bits:</b>
2. Port Engagement Knob	6. Valve Depressor Stem	8. M6 Thread (90.315.501)
3. Bleed Valve (BV-4)	7. Male Quick Disconnect (FV-4)	9. G 1/8 BSPP (90.315.502)
4. High Pressure Gauge (DPG-3R)		10. <b>NEW! G 1/8 BSPP</b> (90.315.504)

### Operation

Please follow the guidelines below for proper operation:

#### Charging:

- Be sure the valve depressor knob [1] is fully retracted (CCW) and the bleed valve [3] is closed (CW).
- Determine the appropriate bit to use. Mini and Micro Series Gas Springs use M6 Thread (90.315.501); Large (90.5B, 90.9, 90.10, 90.10R) Series Gas Springs manufactured after week 49 of 2004 (md4904) and SC/98.80 Series Gas Springs manufactured after week 43 of 2004 (md4304) use the G 1/8 BSPP (90.315.504); prior models use bit G1/8 BSPP (90.315.502). Verify the manufacture date on the Large Series cylinders before use.
- Thread the appropriate interchangeable bit onto the 90.315.5 Adjustable Pressure Analyzer [8].
- Fasten the threaded end [8] to the gas spring port by rotating the port engagement knob [2] (CW) until tight against the face seal [5].
- Connect a quick disconnect charging assembly to the male quick disconnect [7].
- Open the nitrogen supply and verify the charging pressure on the regulator gauge [4] is correct.
- Tighten the valve depressor knob [1] (CW) until you feel resistance, then back off a half turn (CCW). **Note: For the Micro Series Nitrogen Gas Springs do not rotate the valve depressor knob more than three turns.** 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 [7].
- Retract the valve depressor knob (CCW) [1].
- Bleed off the excess pressure in the 90.315.5 using the bleed valve [3].
- Unscrew the 90.315.5 from the gas spring.

#### Gauging:

**Note: This is not recommended for short stroke nitrogen gas springs or DADCO's Micro Series Nitrogen Gas Springs, because it will reduce the pressure in the cylinder.**

- Repeat A, B and C above.
- Extend the valve depressor [6] by rotating (CW) the valve depressor knob [1] until the gauge [4] reads the pressure in the cylinder.
- Retract the valve depressor [6] by rotating it (CCW). Bleed the sampling pressure by opening the bleed valve [3].

#### Discharging:

- Repeat A, B and C above.
- Extend the valve depressor [6] by rotating (CW) until the gauge [4] reads the pressure. **Note: For the Micro Series Nitrogen Gas Springs do not rotate the valve depressor knob more than three turns.** Slowly open the bleed valve [3] to discharge pressure from spring until desired pressure is shown on the gauge [4].