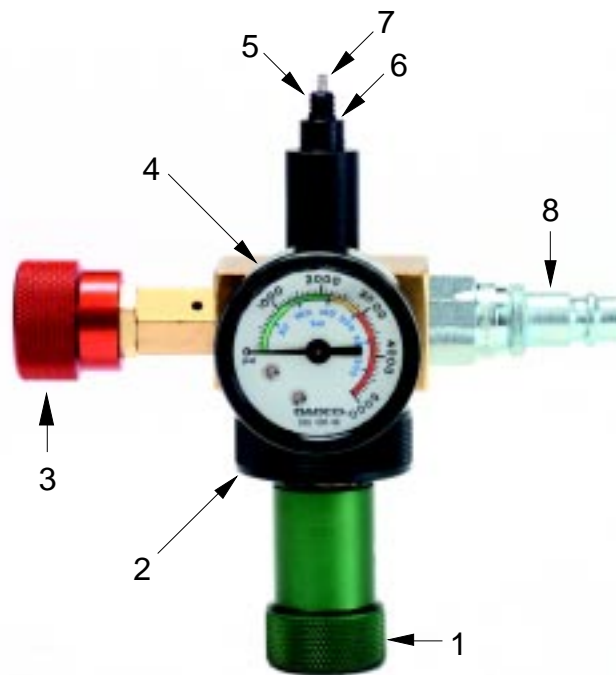


### DPA-2 Features

- Quick and easy tool for charging DADCO's L / LJ (90.3 / 90.7) Series Gas Springs.
- Safe discharging of DADCO's Mini Nitrogen Gas Springs.
- Sample gauging of internal pressure (not recommended for short stroke gas springs)



#### Components

1. Valve Depressor Knob	5. M6 Thread
2. Port Engagement Knob	6. Face Seal
3. Bleed Valve	7. Valve Depressor
4. High Pressure Gauge	8. Male Quick Disconnect

### 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).
- Fasten the M6 threaded end [5] to the gas spring port by rotating the port engagement knob [2] (CW) until tight against face seal [6].
- Connect a quick disconnect charging assembly to the male quick disconnect [8].
- Open the nitrogen supply and verify the charging pressure on the regulator gauge [4] is correct.
- Rotate the valve depressor knob [1] (CW) until the needle valve is open. 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 [8].
- Retract the valve depressor knob (CCW) [1].
- Bleed off the excess pressure in the DPA-2 using the bleed valve [3].
- Unscrew the DPA-2 from the gas spring.

#### **Gauging:**

- Repeat A and B above.
- Extend the valve depressor [7] by rotating (CW) the valve depressor knob [1] until the gauge [4] reads the pressure in the cylinder.
- Retract the valve depressor [7] by rotating it (CCW). Bleed the sampling pressure by opening the bleed valve [3].

#### **Discharging:**

- Repeat A and B above.
- Extend the valve depressor [7] by rotating (CW) until the gauge [4] reads the pressure. Slowly open the bleed valve [3] to discharge pressure from spring until desired pressure is shown on the gauge [4].