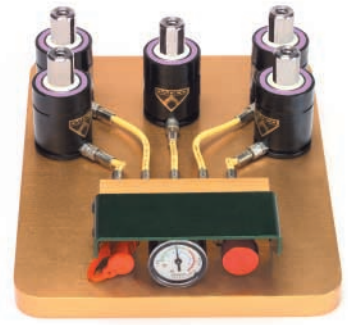


### Conversion (Self-Contained to Linked)

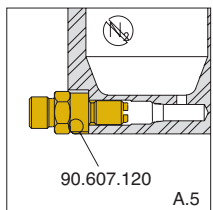
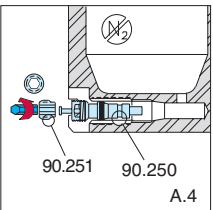
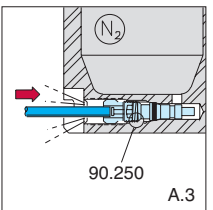
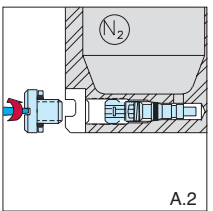
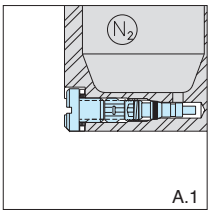
Self-contained L and LJ Series Gas Springs are quickly converted to the *MINILink™* System by the addition of DADCO Mini-fittings, *MINIFLEX™* hose, and a 90.407.11 mini control panel.

To pipe a compact system DADCO's *MINIFLEX™* hose offers a superior bending radius for maximum flexibility. A variety of Mini-fittings ensure easy set-up. For instructions on exhausting self-contained Mini L and LJ Series Springs follow steps 1-3. To convert Mini L and LJ Series Springs to linked system mode follow steps 1-7.



DADCO MINIFLEX™ hose is available pre-assembled or in an already piped and tested sectional mounting system (SMS).

#### Tire Valve Port



#### Determine Valve Style

1. To determine the valve style of your spring first examine the spring for the letter "C" at the beginning of the serial number on your gas spring. If the letter "C" is present please follow the Compact Valve Port illustrations. If the serial number does not begin with a "C" please follow the Tire Valve Port illustrations.

#### CAUTION

Always wear safety goggles when exhausting a gas spring.

#### Remove Screw

2. Remove the protective screw, 90.296, (A.1 or B.1) conveniently located at the base of the gas spring (A.2 or B.2).

#### Exhausting the Mini Series Spring

3. Keeping face and hands clear of the port, use the 90.360.4 Valve Bleed Tool, 90.320.4 Port Servicing Tool, or the 90.315.5 DADCO Pressure Analyzer to depress the needle valve stem, 90.250 or 90.260. A small screwdriver or allen wrench may also be used to depress the needle valve stem (A.3 or B.3). **After all the gas pressure is exhausted, be sure that the piston rod will retract into the tube manually. If not, try depressing the valve again. If still unsuccessful stop and contact your DADCO Service Representative.**

#### Remove Retaining Screw (Tire Valve Port Only)

4. Remove valve retaining screw, 90.251, to allow access to the needle valve (A.4). (Compact Valve Port does not have a retaining screw.)

#### Needle Valve

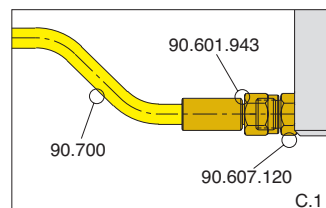
5. Remove the needle valve, 90.250 or 90.260, by unthreading it with the 90.320.4 Port Servicing Tool (A.4 or B.4).

#### Ready to Pipe

6. Insert a port adapter such as the 90.607.120 (pictured in A.5 and B.5) into the port.

#### Linked

7. Attach a 90.700 hose assembly onto the port adapter (C.1). The gas spring is now ready for linked operation with DADCO's 90.407.11 mini control panel.



#### Compact Valve Port

