Mini Piping System
DADCO’s exclusive mini piping system converts its Mini L / LJ Series Gas Springs and Ultra Force® U Series Gas Springs from self-contained to linked operation. This mini piping system has four main components: DADCO’s L, LJ or U Series Nitrogen Gas Springs; exclusive MINIFLEX® hose; Mini-fittings; and the 90.407.PN Mini Control Panel. Together these components form the MINILink® System, an extremely compact piping system.

DADCO MINIFLEX® Hose
90.700._____(meters)
DADCO’s MINIFLEX® hose is used to connect gas springs together in a linked system. DADCO offers complete hose assemblies from the factory that include two 90.601.943 Hose Adapters and a standard length of MINIFLEX® hose. Hose Assemblies can also be fabricated in the field with the use of DADCO’s exclusive Mini-Crimp.

Mini-fittings
DADCO provides numerous Mini-fittings to accommodate the specific needs of each customer. Stainless steel options are offered for customers with extreme conditions. Refer to the Linked Systems Components Catalog for additional fitting options.
• Remember when linking to use as many direct runs as possible to reduce the number of fittings required.
• Bend hose where possible. DADCO MINIFLEX® hose has a bend radius of 6.4 mm (.25”).
• When connecting the MINIFLEX® hose to fittings, first tighten by hand, then tighten with a wrench for 2 flats only.
Additional MINILink® Port Adapters

### Micro Series (C.045 – C.250) and small Ultra Force® Series (U.0175 / U.0325) Port Adapters

- **90.607.122 (L-122)** Micro Service Fitting
- **90.607.038 (L-38)** Micro Port Adapter Extension

### Piping Accessories

#### Hose Assembly Clamp
- 90.320.9 (Mini Hose Assembly Clamp)
- 90.320.6 (Hose Assembly Clamp)

Use to secure hose while installing hose adapters. The 90.320.9 works with the MINIFLEX® hose while the 90.320.6 works with all DADCO hose types.

#### Hose Cutters
- 90.320.7 (Hose Cutter)

Use to cut hose to appropriate length. The 90.320.7 works with the MINIFLEX® hose and all other DADCO hose types.

#### Mini Convertible Control Panel
- 90.407.PN

Use to fill, drain and monitor the pressure of linked mini gas springs from outside of the die. This panel is available with a variety of fitting connections. Contact DADCO for more information.

#### Mini-Crimp
- 90.710.1

Use with a standard crimping machine to construct a MINIFLEX® hose assembly.

#### Portable Crimping Unit
- 90.720

Use with the Mini-Crimp to create permanent MINIFLEX® hose assemblies.