

DADCO®

Mini Nitrogen Gas Springs

LJ and L Series



1/3, 1/2 and 3/4 Ton Compact Height Gas Springs!



The global leader in nitrogen gas spring technology

Introduction

DADCO produces top quality products at competitive prices and provides a superior level of customer service. Founded in 1958, DADCO is the highest volume producer of gas springs for press tools. DADCO's products are widely approved and used in global operations for many industries including metal stamping, automotive, and plastic injection molding.



LJ and L Series

DADCO's LJ and L Series Gas Springs are ideal for stampers of small parts. They are dependable and enduring in a variety of applications.

DADCO's L Series Springs provide reliable guidance and durability in situations where part volumes are high or sideload is an issue. The compact size of DADCO's LJ Series Springs is ideal for limited shut height applications.

Convenient to use, Mini Series Gas Springs can be operated in a self-contained mode or in a linked system with DADCO's exclusive *MINILink*[®] System.

Model	Diameter	Maximum Force on Contact
LJ/L.300	38 mm (1.496")	302 daN (678 lb.)
LJ/L.500	44.5 mm (1.750")	471 daN (1059 lb.)
LJ/L.750	50 mm (1.968")	736 daN (1655 lb.)

Adjustable Force

For convenience, self-contained cylinders usually are delivered pre-charged to the desired force and ready to install. If force adjustment is ever needed, the Mini Series' filling/draining port is located in the cylinder base for safe, easy access.

Mini Piping System

Some customers prefer the ability to adjust and monitor force without removing the gas springs from the tool. To suit their requirements, DADCO offers the *MINILink*[®] System, an extremely compact piping system that does not require special ordering information or factory preparation. Self-contained Mini Series Gas Springs may be converted at any time to a linked system mode by adding DADCO's exclusive Mini-fittings, *MINIFLEX*[®] hose and the 90.407.11G mini control panel. For additional information on piping see pages 10 and 11.

Rod Wiper Fights Draw Compound

DADCO's Mini Springs feature the Duralene[®] Rod Wiper, which guards against draw die contamination within the cylinder. Unlike conventional wipers, DADCO's Duralene[®] Rod Wiper resists attack from caustic fluids. For applications where a particularly aggressive draw die compound is used, contact DADCO for alternative wiper options.

Performance is Guaranteed

DADCO's LJ Series Nitrogen Gas Springs provide a long, maintenance-free life and are backed in writing by the exclusive One Year/One Million Stroke *Gold Guarantee*.



DADCO's L Series Nitrogen Gas Springs are reliable and long-lasting, backed in writing by DADCO's exclusive Two Year/Two Million Stroke *Select Guarantee*[™].

Rapid Delivery

DADCO's modern 11,600 m² main production facility, as well as satellite facilities, permit the fastest deliveries in the industry. Products are available both directly and through a network of stocking distributors, providing worldwide support.

Customer Satisfaction

Since its founding in 1958, DADCO has committed itself to providing *Whatever It Takes To Satisfy Our Customers*. DADCO will assist in any way possible to ensure that customers are completely satisfied. DADCO's salespeople and distributors are solution-oriented, product-knowledgeable, and eager to assist customers. DADCO's engineers are available to help customers with specific applications.

DADCO continues to develop new solutions that exceed industry expectations. DADCO offers a full range of nitrogen gas spring products and accessories. DADCO products are widely approved and used in global operations for many industries including metal stamping, automotive, and plastic injection molding.

Warranty

DADCO warrants its products to be free from defects in workmanship or materials for a period of one year from date of manufacture.

CAD Templates On-line



DADCO's entire product line is available on-line in solid models and 2D CAD formats. For more information, visit our website, www.dadco.net, or contact DADCO.

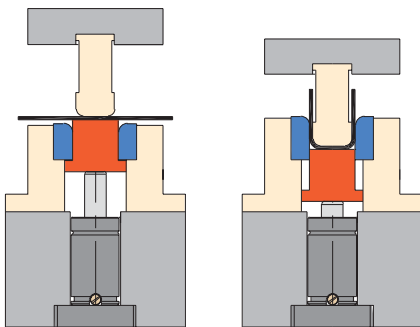
Installation and Use

DADCO Gas Springs can be installed with the piston rod in any position. However, DADCO Gas Springs should be installed in a manner that avoids lateral pressure, as any substantial lateral or oblique force will shorten the spring's service life.

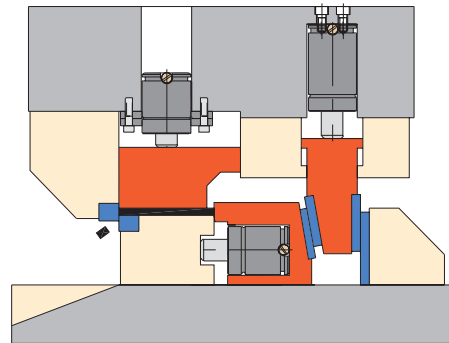
To maximize gas spring life, there should be a stroke reserve of at least 10% of the length of the stroke when the gas spring is installed in the press tool.

A safety warning plate, indicating that a gas spring is installed in the tool, should be placed in a clearly visible position, either on the press tool or in its vicinity. Contact your DADCO service representative to order.

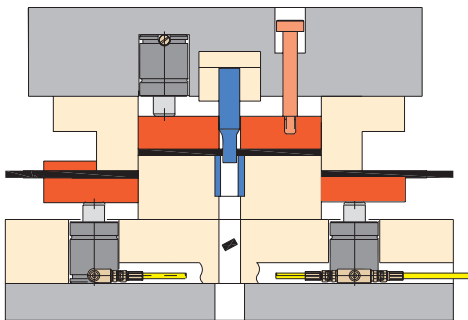
Application Examples



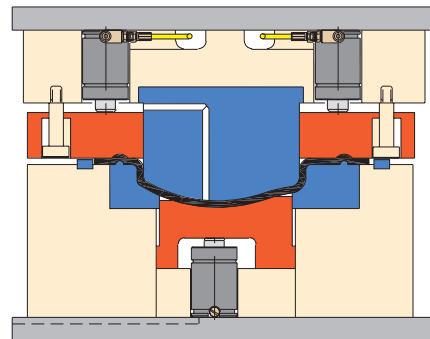
Stripper for U-bend Tool.



CAM slide trimming tool.



Blank and punch die with linked system in lower.



Drawing and part ejection with linked system in upper.

Mini LJ / L Nitrogen Gas Springs

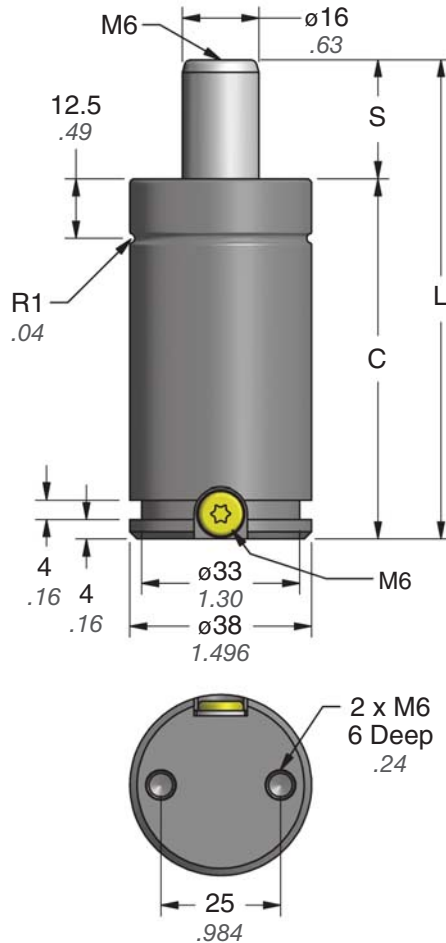
1/3 ton / 3 kN



LJ.300
TO – Basic Model

Part No.	S mm inch	C	L ±0.25 ±.010
• LJ.300.013	12.5 0.49	42.5 1.67	55 2.165
LJ.300.015	15 0.59	45 1.77	60 2.362
LJ.300.019	19 0.75	49 1.93	68 2.677
• LJ.300.025	25 0.98	55 2.17	80 3.150
LJ.300.032	33 1.30	63 2.48	96 3.780
• LJ.300.038	37.5 1.48	67.5 2.66	105 4.134
• LJ.300.050	50 1.97	80 3.15	130 5.118
LJ.300.063	62.5 2.46	92.5 3.64	155 6.102
LJ.300.075	75 2.95	105 4.13	180 7.087
• LJ.300.080	80 3.15	110 4.33	190 7.480
LJ.300.100	100.5 3.96	130.5 5.14	231 9.094
LJ.300.125	125 4.92	155 6.10	280 11.024

• Preferred Sizes



L.300
TO – Basic Model

Part No.	S* mm inch	C	L ±0.25 ±.010
L.300.006	6.3 0.25	56.8 2.24	63.1 2.484
L.300.010	10 0.39	60.5 2.38	70.5 2.775
• L.300.013	12.5 0.49	63 2.48	75.5 2.972
L.300.016	16 0.63	66.5 2.62	82.5 3.248
L.300.019	19 0.75	69.5 2.74	88.5 3.484
• L.300.025	25 0.98	75.5 2.97	100.5 3.957
• L.300.038	37.5 1.48	88 3.46	125.5 4.941
• L.300.050	50 1.97	100.5 3.96	150.5 5.925
L.300.063	62.5 2.46	113 4.45	175.5 6.909
L.300.075	75 2.95	125.5 4.94	200.5 7.894
• L.300.080	80 3.15	130.5 5.14	210.5 8.287
L.300.100	100 3.94	150.5 5.93	250.5 9.862
L.300.125	125 4.92	175.5 6.91	300.5 11.831

• Preferred Sizes

* Extended stroke lengths available in L Series Springs, contact DADCO.

Ordering Example:

LJ.300.025. TO. 150

Part Number:

Includes Series (LJ or L), Model and Stroke Length.

Mount Option:

TO = Basic Model. When not specified, default is TO. L Series springs are available in Threaded Body (TB1/TB2), see page 14.

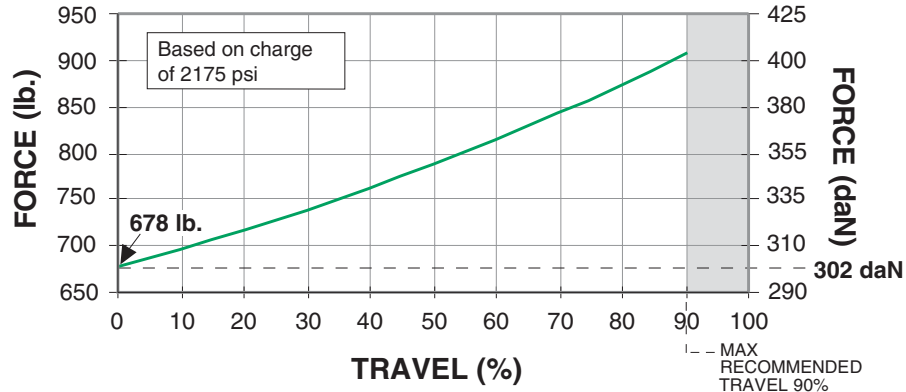
Charging Pressure:

15-150 bar (220-2175 psi). When not specified, default is 150 bar.

Force Charts

On-Contact Force

psi	lb.
2175	678
2000	623
1750	545
1500	467
1000	312
500	156
250	78



On-Contact Force

bar	daN
150	302
125	251
100	201
75	151
50	101
25	50
20	40

Mount Options

B21 90.21.00300

B27 90.27.00300

B312 90.312.00300

B19 90.19.00300

B322 90.322.00300

TC1 & TC3

Ordering Example:

Cylinder with Mount: LJ.300.025.B21.150

Mount Only: 90.21.00300

Mini LJ / L Nitrogen Gas Springs

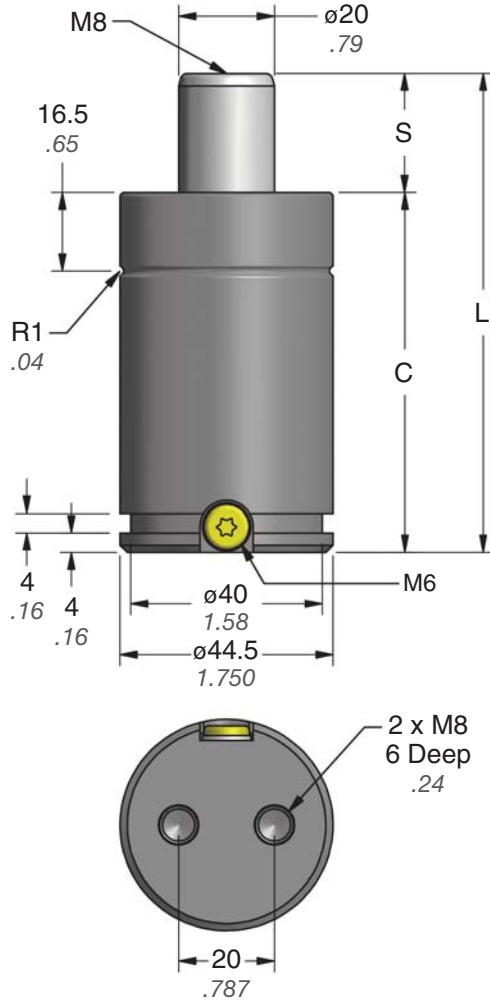
1/2 ton / 5 kN



**LJ.500
TO – Basic Model**

Part No.	S mm inch	C	L ±0.25 ±.010
• LJ.500.013	12.5 0.49	44.5 1.75	57 2.244
LJ.500.019	19 0.75	51 2.01	70 2.756
• LJ.500.025	25.3 1.00	56.8 2.24	82.1 3.232
LJ.500.032	31.5 1.24	63 2.48	94.5 3.720
• LJ.500.038	38 1.50	69.5 2.74	107.5 4.232
• LJ.500.050	50 1.97	82 3.23	132 5.197
LJ.500.063	62.5 2.46	94.5 3.72	157 6.181
LJ.500.075	75 2.95	107 4.21	182 7.165
• LJ.500.080	80 3.15	112 4.41	192 7.559
LJ.500.100	100 3.94	132 5.20	232 9.134
LJ.500.125	125 4.92	157 6.18	282 11.102

• Preferred Sizes



**L.500
TO – Basic Model**

Part No.	S* mm inch	C	L ±0.25 ±.010
L.500.006	6.3 0.25	56.8 2.24	63.1 2.484
• L.500.013	12.5 0.49	63 2.48	75.5 2.972
L.500.019	19 0.75	69.5 2.74	88.5 3.484
• L.500.025	25 0.98	75.5 2.97	100.5 3.957
• L.500.038	37.5 1.48	88 3.46	125.5 4.941
• L.500.050	50 1.97	100.5 3.96	150.5 5.925
L.500.063	62.5 2.46	113 4.45	175.5 6.909
L.500.075	75 2.95	125.5 4.94	200.5 7.894
• L.500.080	80 3.15	130.5 5.14	210.5 8.287
L.500.100	100 3.94	150.5 5.93	250.5 9.862
L.500.125	125 4.92	175.5 6.91	300.5 11.831

• Preferred Sizes

* Extended stroke lengths available in L Series Springs, contact DADCO.

Ordering Example:

LJ.500.025. TO. 150

Part Number:

Includes Series (LJ or L), Model and Stroke Length.

Mount Option:

TO = Basic Model. When not specified, default is TO. L Series springs are available in Threaded Body (TB1/TB2), see page 14.

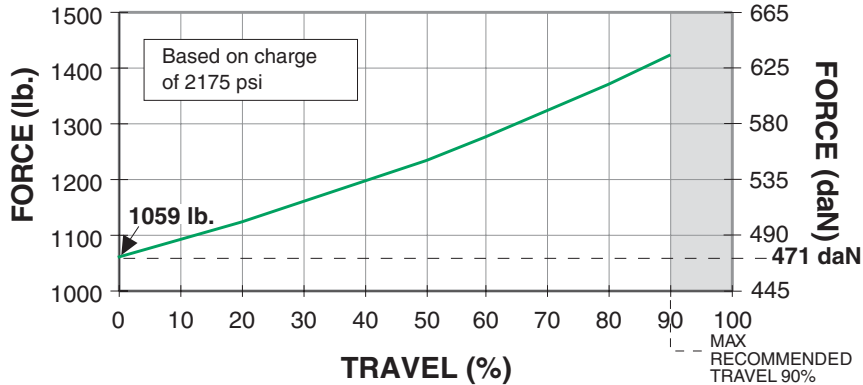
Charging Pressure:

15-150 bar (220-2175 psi). When not specified, default is 150 bar.

Force Charts

On-Contact Force

psi	lb.
2175	1059
2000	974
1750	852
1500	730
1000	487
500	243
250	122



On-Contact Force

bar	daN
150	471
125	393
100	314
75	236
50	157
25	79
20	63

Mount Options

B21 90.21.00500

B27 90.27.00500

B312 90.312.00500

B19 90.19.00500

B322 90.322.00500

TC1 & TC3

TC1 = 1/2-13 THD
TC3 = 3/4-16 THD

Ordering Example:

Cylinder with Mount: LJ.500.025.B21.150

Mount Only: 90.21.00500

Mini LJ / L Nitrogen Gas Springs

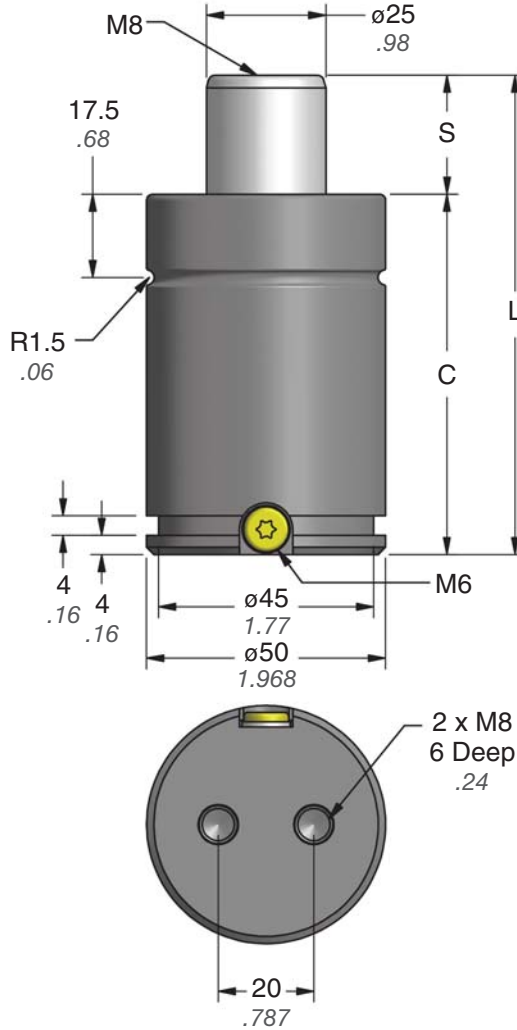
3/4 ton / 7.5 kN



**LJ.750
TO – Basic Model**

Part No.	S mm inch	C	L ±0.25 ±.010
• LJ.750.013	12.5 0.49	50.5 1.99	63 2.480
LJ.750.019	18.8 0.74	56.8 2.24	75.6 2.976
• LJ.750.025	25 0.98	63 2.48	88 3.465
LJ.750.032	31.5 1.24	69.5 2.74	101 3.976
• LJ.750.038	37.5 1.48	75.5 2.97	113 4.449
• LJ.750.050	50 1.97	88 3.46	138 5.433
LJ.750.063	62.5 2.46	100.5 3.96	163 6.417
LJ.750.075	75 2.95	113 4.45	188 7.402
• LJ.750.080	80 3.15	118 4.65	198 7.795
LJ.750.100	100 3.94	138 5.43	238 9.370
LJ.750.125	125 4.92	163 6.42	288 11.339

• Preferred Sizes



**L.750
TO – Basic Model**

Part No.	S* mm inch	C	L ±0.25 ±.010
L.750.006	6.3 0.25	56.8 2.24	63.1 2.484
• L.750.013	12.5 0.49	63 2.48	75.5 2.972
L.750.019	19 0.75	69.5 2.74	88.5 3.484
• L.750.025	25 0.98	75.5 2.97	100.5 3.957
• L.750.038	37.5 1.48	88 3.46	125.5 4.941
• L.750.050	50 1.97	100.5 3.96	150.5 5.925
L.750.063	62.5 2.46	113 4.45	175.5 6.909
L.750.075	75 2.95	125.5 4.94	200.5 7.894
• L.750.080	80 3.15	130.5 5.14	210.5 8.287
L.750.100	100 3.94	150.5 5.93	250.5 9.862
L.750.125	125 4.92	175.5 6.91	300.5 11.831

• Preferred Sizes

* Extended stroke lengths available in L Series Springs, contact DADCO.

Ordering Example:

LJ.750.025. TO. 150

Part Number:

Includes Series (LJ or L), Model and Stroke Length.

Mount Option:

TO = Basic Model. When not specified, default is TO. L Series springs are available in Threaded Body (TB1/TB2), see page 14.

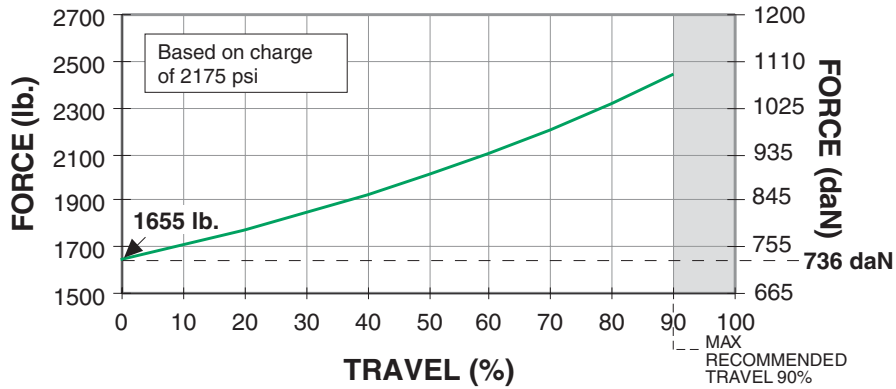
Charging Pressure:

15-150 bar (220-2175 psi). When not specified, default is 150 bar.

Force Charts

On-Contact Force

psi	lb.
2175	1655
2000	1522
1750	1331
1500	1141
1000	761
500	380
250	190



On-Contact Force

bar	daN
150	736
125	614
100	491
75	368
50	245
25	123
20	98

Mount Options

B321 90.321.00750

B27 90.27.00750

B312 90.312.00750

B19 90.19.00750

B322 90.322.00750

TC1 & TC3

Ordering Example:

Cylinder with Mount: LJ.750.025.B321.150

Mount Only: 90.321.00750

Mini LJ / L Nitrogen Gas Springs

Linked Operations

DADCO's *MINILink*® System consists of DADCO Mini-fittings, *MINIFLEX*® hose and a 90.407.11G Mini Control Panel. DADCO offers all the necessary tools and accessories to easily make *MINIFLEX*® hose assemblies in the field, including the exclusive Mini-Crimp.

Converting from Self-Contained to Linked Mode

CAUTION

Always wear safety goggles when performing maintenance on nitrogen gas springs. When exhausting pressure, place the gas spring with the port up for safety.

Remove Screw

- Remove the port plug, 90.607.110, from the M6 port (A.1).

Exhausting the Spring

- Keeping the face and hands clear of the port, depress the valve stem using the Valve Bleed Tool, 90.360.4, detailed on page 12 (A.2).
- 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 stem again. If still unsuccessful **STOP** and contact your DADCO Service Representative.

Remove Compact Valve

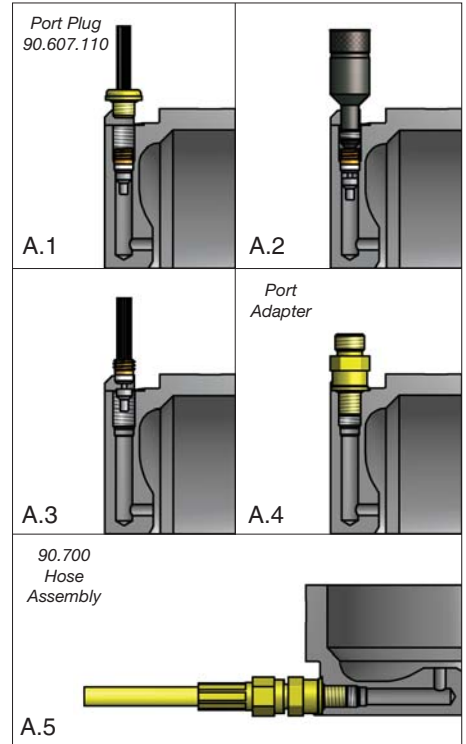
- Remove the Compact Valve, 90.260, by unscrewing it using the Port Servicing Tool, 90.320.8, detailed on page 12 (A.3).

Ready to Pipe

- Install a port adapter into the open M6 port (A.4). A wide variety of port adapters and fittings are available, see page 11.

Linked

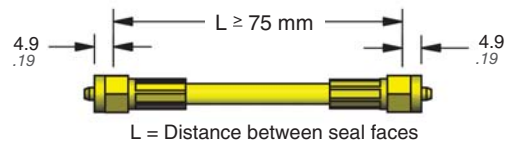
- Attach a 90.700 hose assembly onto the port adapter (A.5). The gas spring is now ready for linked operation with DADCO's Mini Control Panel, 90.407.11G.



DADCO *MINIFLEX*® Hose

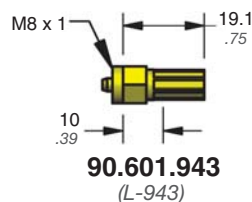
90.700.____ (meters)

DADCO's *MINIFLEX*® hose is used to connect gas springs together as a linked system. *MINIFLEX*® hose is able to withstand high pressure and still maintain the flexibility necessary when linking gas springs. DADCO offers complete hose assemblies that include two 90.601.943 Hose Adapters and a standard length of *MINIFLEX*® hose. For more information on hose assemblies request bulletin 99B105D.



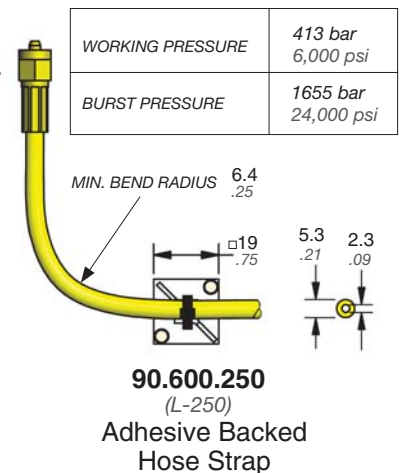
90.700.L943.L943.____.I
L

Hose Assembly



90.601.943
(L-943)

Permanent Hose Adapter



90.600.250
(L-250)

Adhesive Backed
Hose Strap

Hose Assembly Tools

Mini-Crimp

90.710.1 (MC-1)

DADCO's Mini-Crimp allows users to easily construct *MINIFLEX*® hose assemblies in the field. Use it with hydraulic or pneumatic crimp machines. No additional die ring is required. For further details, reference bulletin B00106A.



Hose Assembly Clamp

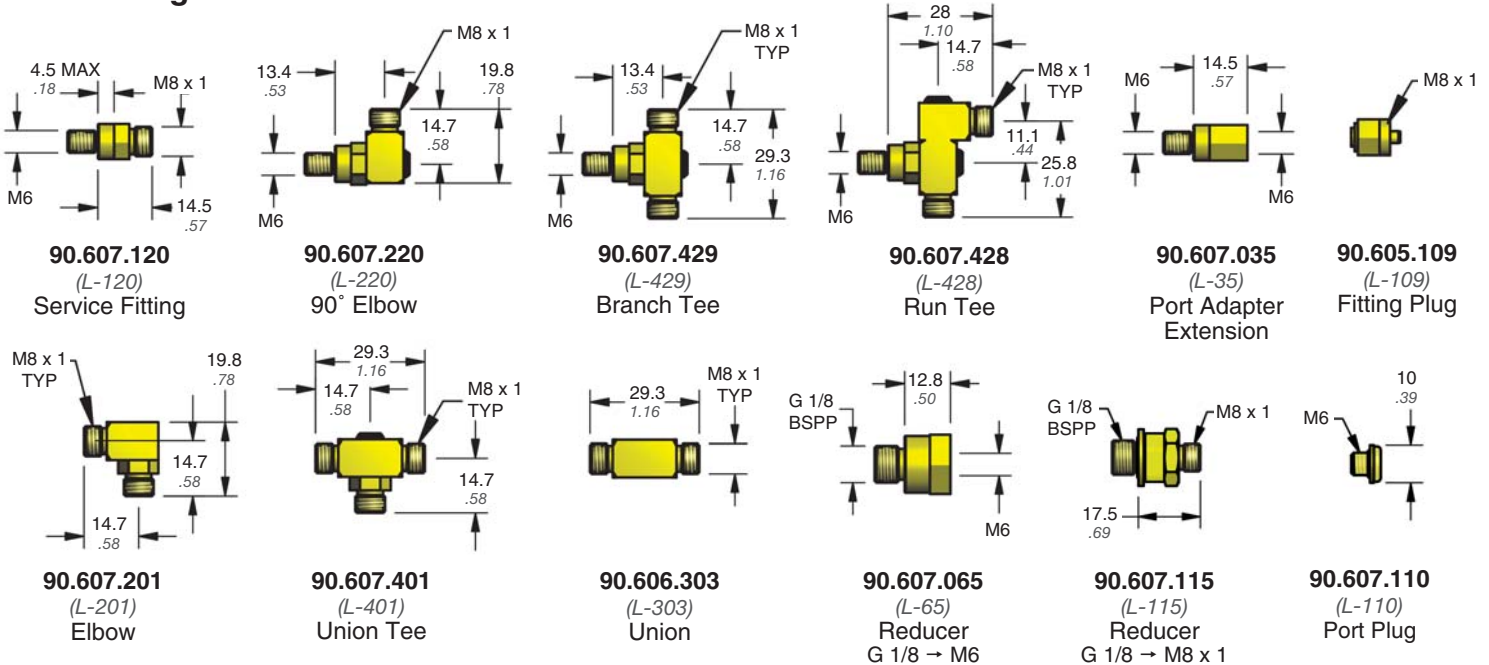
HAC

Insert into bench vise and use to secure hose to prepare for crimping. For more information, request bulletin B00109B.



Piping Accessories

Mini-fittings



Mini Control Panel

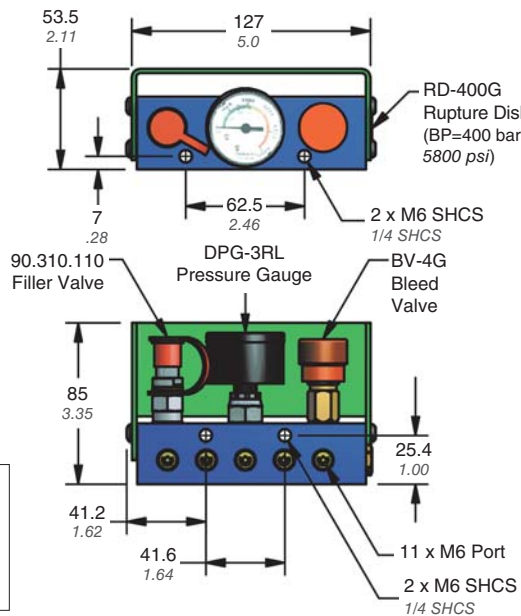
90.407.11G



The DADCO 90.407.11G Mini Control Panel is used to fill, drain and monitor the pressure of linked DADCO nitrogen gas springs from outside the die. The panel consists of a high pressure gauge, quick disconnect fill valve, a bleed valve and a rupture disk to prevent overpressurization. To allow for maximum versatility when linking, the panel also contains eleven different port locations.



For convenience, the 90.406.P1N Convertible Control Panel can also be linked to DADCO Mini Springs by installing the 90.607.065 (L-65) Reducer (see above).



Mounting Options



Base Mount

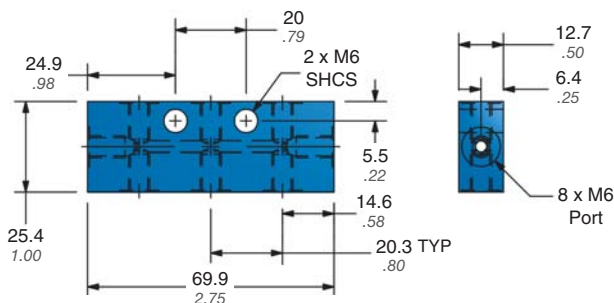


Face Mount

Mini Distribution Block

90.410.08

The Mini Distribution Block, with eight port locations, is used with a Control Panel to simplify piping to multiple cylinders. Plug unused ports with the 90.607.110 Port Plug, shown above.



Specialty Linked Systems

SMS® – DADCO's popular Sectional Mounting System (SMS®) includes cylinders mounted to a SMS® plate and linked using hose, fittings and a control panel. For details, refer to bulletin B09114.

SMS-i® – DADCO's Sectional Mounting System - Internal (SMS-i®) consists of an internally piped plate with mounted cylinders, a cost effective alternative to traditional manifold systems. For more information, request bulletin B07104A.

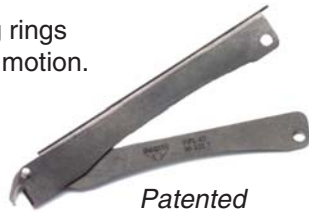


SMS-i® with 8) L.300.025.TO.M

C-Ring Removal Tool

90.355 (RPL-40)

To remove C-style retaining rings safely in a single controlled motion.



Patented

Removal Sleeve

90.340.00300

90.340.00500

90.340.00750

To position the cartridge below the C-ring groove when assembling or disassembling a gas spring.



C-Ring Installation Tool

90.351.00300

90.351.00500

90.351.00750

To insert the C-style retaining ring into the retaining ring groove.



Port Servicing Tool

90.320.8

To perform all necessary servicing to the valve compartment. For more information request bulletin B05110.



Valve Bleed Tool

90.360.4

Use the DADCO Valve Bleed Tool to slowly discharge a spring to the desired pressure. For more information contact DADCO.



T-Handle

90.320.1 (RP-36) M6

90.320.2 (RP-35) M8

To remove the piston rod when disassembling and position correctly when reassembling.



Mini Wiper Options

For customers with applications where aggressive draw die compound is used, DADCO offers specialty wiper options. The wipers can be ordered in a variety of materials and installed at the factory to guard against draw die lubricant contamination. Contact DADCO for more information.

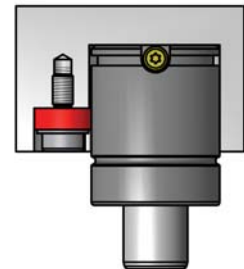


Cinch-Lock

90.13M (8 mm Tap)

90.13E (5/16"-18 Tap)

Use the new Cinch-Lock to secure DADCO gas springs in a pocket without additional mounting components. See bulletin B08105 for details.



Mini Series Repair Kits

Include fully assembled cartridge, dust cover, bottle of assembly oil and a maintenance manual.

LJ Series Repair Kit No.

90.107.00300 (RK-971)

90.107.00500 (RK-972)

90.107.00750 (RK-973)

L Series Repair Kit No.

90.103.00300 (RK-903)

90.103.00500 (RK-950)

90.103.00750 (RK-905)



Accessories

Rod End Installation Tool

90.386.00300
90.386.00500
90.386.00750

Place over the piston rod for easy installation and removal of TB Threaded Body L Series Springs and Mini Springs with TC Stud Mount.



Base Installation Tool

90.387.1 (L.300)
90.387.2 (L.500, L.750)

Place into holes in base of TB Threaded Body L Springs for easy installation and removal.



Mini Test Stand

90.305.2 Standard Configuration
90.305.2D Digital Configuration

Right sized for Mini Gas Springs, use the Mini Test Stand in conjunction with DADCO's standard or digital load cells for precise measurement of gas spring force on contact. For more information refer to bulletin B08108.



90.305.2

Standard Load Cell

90.300.0300 (LC-0300)
90.300.0500 (LC-0500)
90.300.0750 (LC-0750)

When used with a DADCO Test Stand, the Standard Load Cell gives precise measurement of gas spring charging pressure. Each model requires its specified load cell. For more information request bulletin 97B119G.



Digital Load Cell

90.305.BG (Meter)
90.305.LC.05 (22.2 kN Load Cell)

The DADCO Digital Load Cell Meter can display force in N, Kg or lb. The 90.305.LC.05 Load Cell (supplied with connector) may be used to measure gas spring force up to 5,000 lbs. For more information request bulletin B04106A.



DADCO Pressure Analyzer

90.315.5

Use the DADCO Pressure Analyzer to easily charge, discharge, and gauge the pressure in DADCO's Mini Series Gas Springs. For more information request bulletin B01133D.



Quick Disconnect Charging Assembly

90.310.040 (CA-40)

Use the DADCO Quick Disconnect Charging Assembly, 90.310.040, with the 90.310.043 Charging Nipple or 90.315.5 Pressure Analyzer to charge self-contained gas springs. The 90.310.040 can also be used with a DADCO control panel for charging linked systems. The 90.310.040 includes the 90.310.201 Pressure Regulator, 90.310.252 Hose Assembly and the 90.310.338 Quick Disconnect Filling Assembly. For more information contact DADCO.



Quick Disconnect

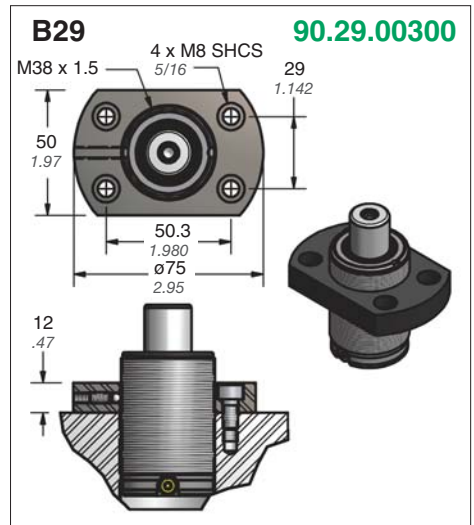
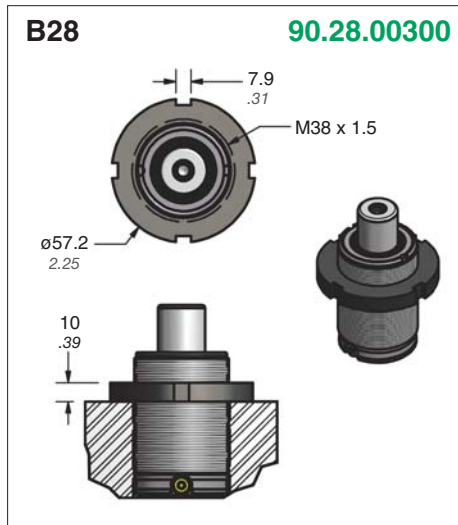
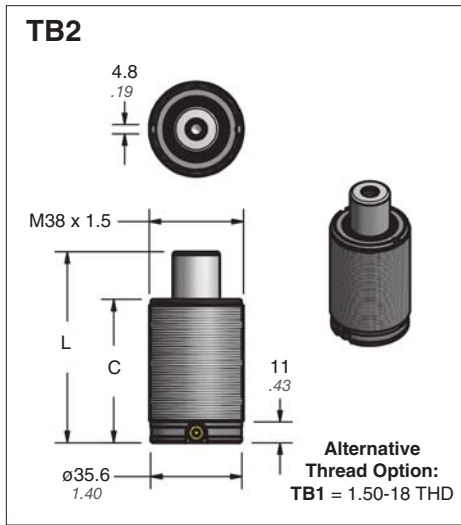
Charging Nipple

90.310.143 (CN-4)

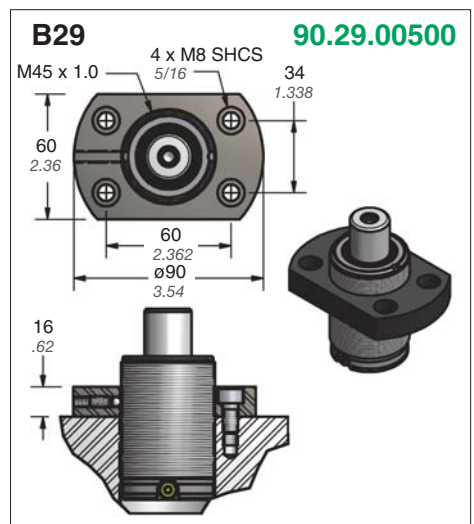
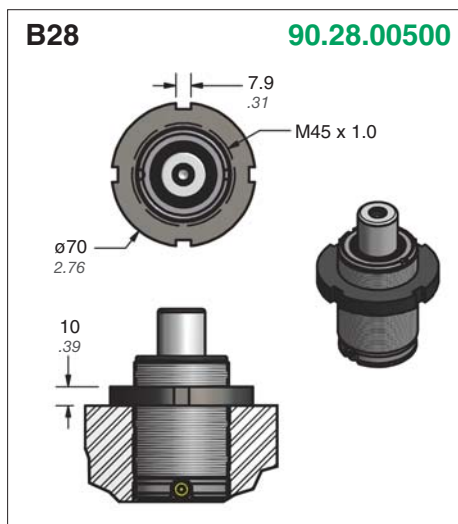
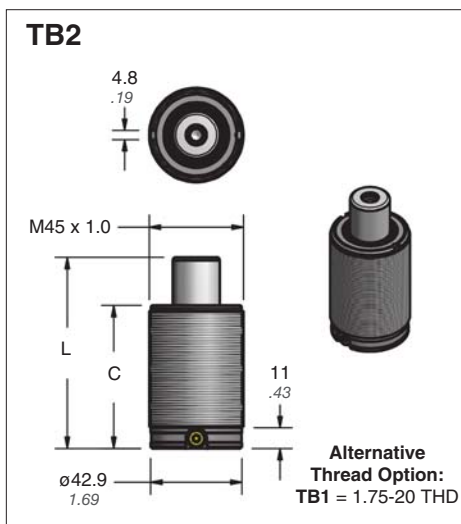
Use the DADCO Quick Disconnect Charging Nipple to charge the Mini Series Gas Springs. For more information contact DADCO.



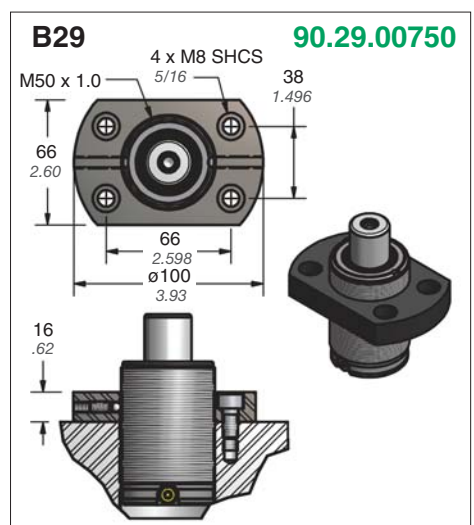
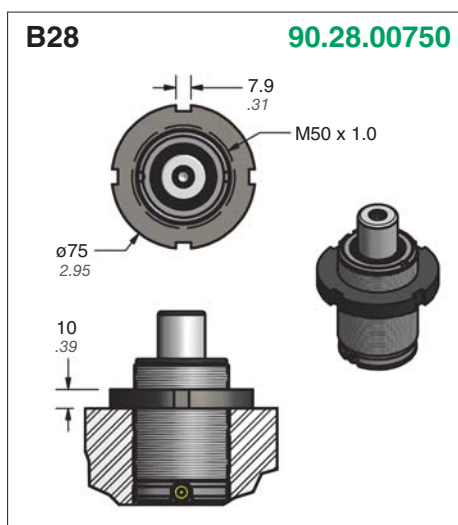
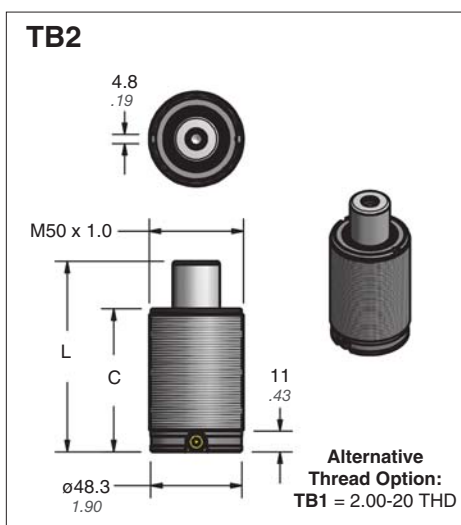
L.300 Threaded Body



L.500 Threaded Body



L.750 Threaded Body



Ordering Example: Threaded Body: L.750.025.TB2.150 Threaded Body w/ Mount: L.750.025.B28.150

CAUTION

DO NOT attempt maintenance on spring until internal pressure is exhausted.

Operating Specifications

Charging Medium:	Nitrogen Gas
Charging Pressure Range:	15 – 150 bar (220 – 2175 psi)
Operating Temperature:	-6°C – 71°C (20°F – 160°F)*
Maximum Speed:	35 m/min (23 in/sec)

*For extended range applications, contact DADCO.

Installation Requirements

Provide Stroke Reserve

- DADCO LJ and L Series Gas Springs will permit travel of the full nominal stroke; however, at least a 10% stroke reserve is recommended to achieve optimal performance (F.1 and F.2).

Avoid Side Loading

- A misaligned press or die can cause side loading that increases wear on the bearing, seal, and piston rod (F.4). Therefore, avoid side loading when possible (F.3).

Rod End Thread

- The end of the piston rod has a construction thread intended for assembly and disassembly only and should never be used to mount or secure the gas spring (F.4). Die vibration and/or misalignment will damage the spring.

Protect From Fluids

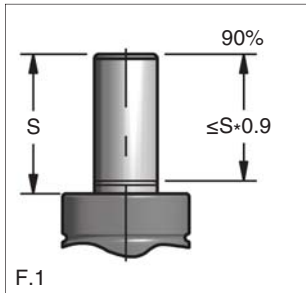
- Direct contact with certain die lubricants and cleaners should be avoided (F.6). Protect gas springs by providing adequate drainage in gas spring pockets (F.5).

Discharging Self-Contained Gas Spring

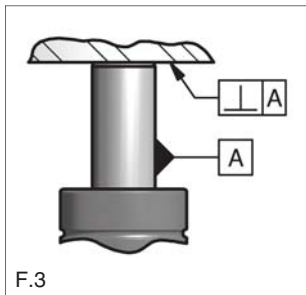
- The DADCO Pressure Analyzer, 90.315.5, allows for charging, discharging and gauging the pressure of LJ and L Series Gas Springs (F.7). For information on completely exhausting the gas spring see page 10.

Recharging Self-Contained Gas Spring

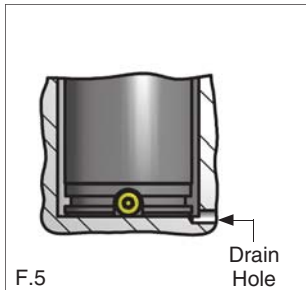
- Hold the spring vertically at all times during filling. Never compress the gas spring in a vice or clamp outside of the die or application as damage to the gas spring can result (F.8).
- Never fill a gas spring unless the rod is in the fully extended position (F.10). Thread the T-handle 90.320.1 (M6) or 90.320.2 (M8) into the rod end and depress the valve stem with the 90.360.4 Valve Bleed Tool or 90.320.8 Port Servicing Tool (a small screwdriver or allen wrench may also be used), then pull the rod cartridge assembly up until it is seated firmly against the retaining ring (F.9). Charge the gas spring to the desired pressure. Refer to DADCO's Mini Series Maintenance Instructions for complete step-by-step instruction.



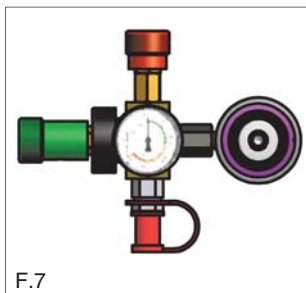
F.1



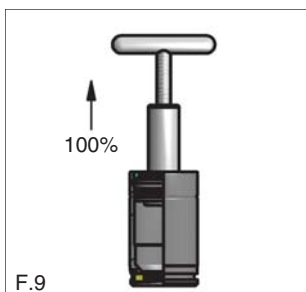
F.3



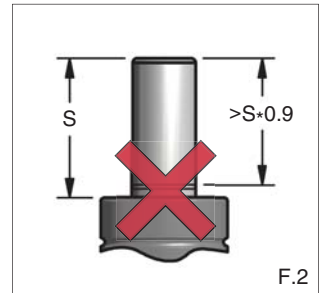
F.5



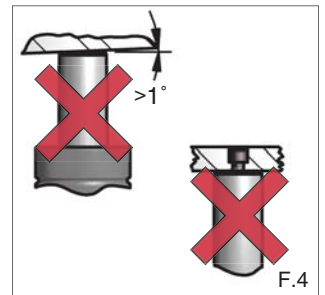
F.7



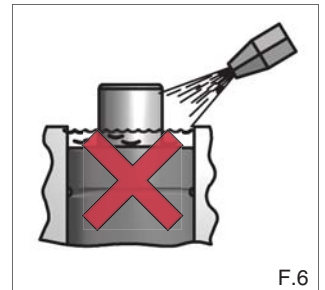
F.9



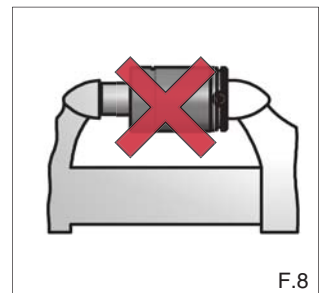
F.2



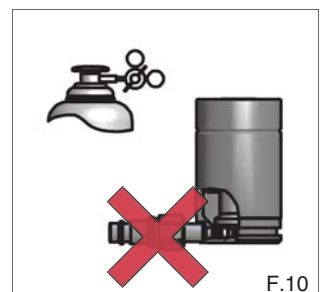
F.4



F.6



F.8



F.10

LJ Series Parts List

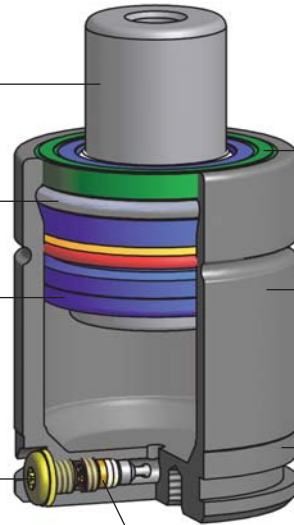
Piston Rod
90.215.7._____
Model Stroke

C-Style Retaining Ring
90.285.7._____
Model

DemiPak® Cartridge
90.200.7._____
Model

Compact Valve Port
(Standard valve compartment)

M6 Port Plug
90.607.110



Dust Cover
90.246.7._____
Model

Tube Assembly
90.205.7._____
Model Stroke

NOTE: The additional step in the can indicates a compact valve.

Compact Valve
90.260

L Series Parts List

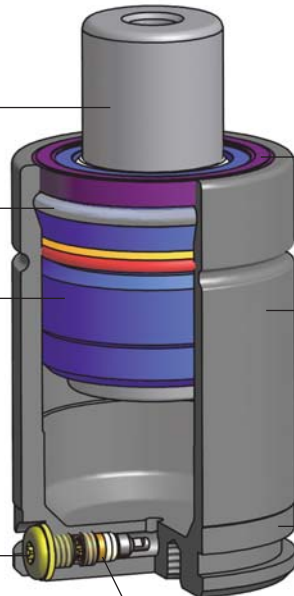
Piston Rod
90.215.3._____
Model Stroke

C-Style Retaining Ring
90.285.3._____
Model

Cartridge Assembly
90.200.3._____
Model

Compact Valve Port
(Standard valve compartment)

M6 Port Plug
90.607.110



Dust Cover
90.246.3._____
Model

Tube Assembly
90.205.3._____
Model Stroke

OR
Threaded Body
90.205.30._____
Model Stroke

NOTE: The additional step in the can indicates a compact valve.

Compact Valve
90.260

Tire Valve Port

(Classic valve compartment)

M6 Port Plug
90.607.110

Valve Retaining Screw
90.251

Needle Valve
90.250



Replacement Part Ordering Example:

Piston Rod: 90.215. 7. 00500. 025

Part Number ————— Stroke

Series ————— Model 00300,
LJ=7, L=3 ————— 00500, 00750

Note: DADCO's Mini Series Nitrogen Gas Springs are permanently marked with model number, serial number and repair kit number. Please refer to these when ordering replacement parts.

DADCO

43850 Plymouth Oaks Blvd. • Plymouth, Michigan • 48170 • USA
734.207.1100 • 800.DADCO.USA • fax 734.207.2222 • www.dadco.net