

8100 Series - Compression Adjuster

ITEM NO.	PART NO.	DESCRIPTION
8100 Series CD Adjuster Option Available in 5.5" and 7" Body Lengths		
1	IU-20-A	Air Valve, Port O-Ring, Aluminum
	IU-04	Valve Core, 2000 psi
	IU-06	Valve Cap, High Temperature
	OR-2010	O-Ring, 2-010, Buna 70
2	RR-06	Wire Ring, .0625 Wire Diameter x 1.900
3	CP-81R	Cap, 8100 Reservoir
4	OR-2221-B	O-Ring, 2-221, Buna 70
5	PB-55	Piston Band, 55mm
6	PI-81R	Piston, Reservoir 1.72 Diameter
7	OR-2323-M	O-Ring, 2-323, Moly 70
8	RB-81__	Reservoir Body, 8100, (5.50" or 7.00")
9	SC-24	Screw, SHCS, 10-24 x 3/8"
10	VW-03	Washer, Valve, .635 x .015 x .191
11	DO-04	Dowel Pin, 3/32" x 3/4"

ITEM NO.	PART NO.	DESCRIPTION
12	BA-250-ST	Ball, Steel - 1/4"
13	SP-10	Spring, (TA2086)
14	HO-87__	Hose (4" - 36" in 1" increments)
*	AS-81UD	Assembly, Update 8100 CD Adj with Knob (Includes Items 4, 9-13, 15-24)
15	SC-02	Screw, Socket Set, 8/32" x 3/8"
16	KN-81	Knob, CD 8100
17	RR-02	Retaining Ring, .250 External
18	SC-08	Screw, Socket Set, 8-32 x 1/8"
19	SP-14	Spring, (A109)
20	BA-125-ST	Ball, Steel - 1/8"
21	HG-81D	Housing, CD 8100 Dished
22	OR-2006-B	O-Ring, 2-006, Buna 70
23	DR-81	Drum, CD 8100
24	OR-2013-B	O-Ring, 2-013, Buna 70

Rev: 10/07/04

ASSEMBLY NOTES:

- #22 and #24 (o-rings), Lubricate with "o-ring lube" before inserting CD drum into housing.
- #9 (cap screw), torque to 100 in/lbs (do not loctite).
- #15 (set screw) use "red" loctite on threads.
- #18 (set screw) use "red" loctite on threads.
Screw must not extend past flush with the housing.
- Check all holes for burrs (#21 and #23)
- Lubricate #4 and #7 (o-rings) before inserting.
- Check #1 (air valve) for leak after pressurizing.
- Do not overtighten #14 (hose).
- Torque to 120 in/lbs #1 (air valve). Use "red" loctite.

