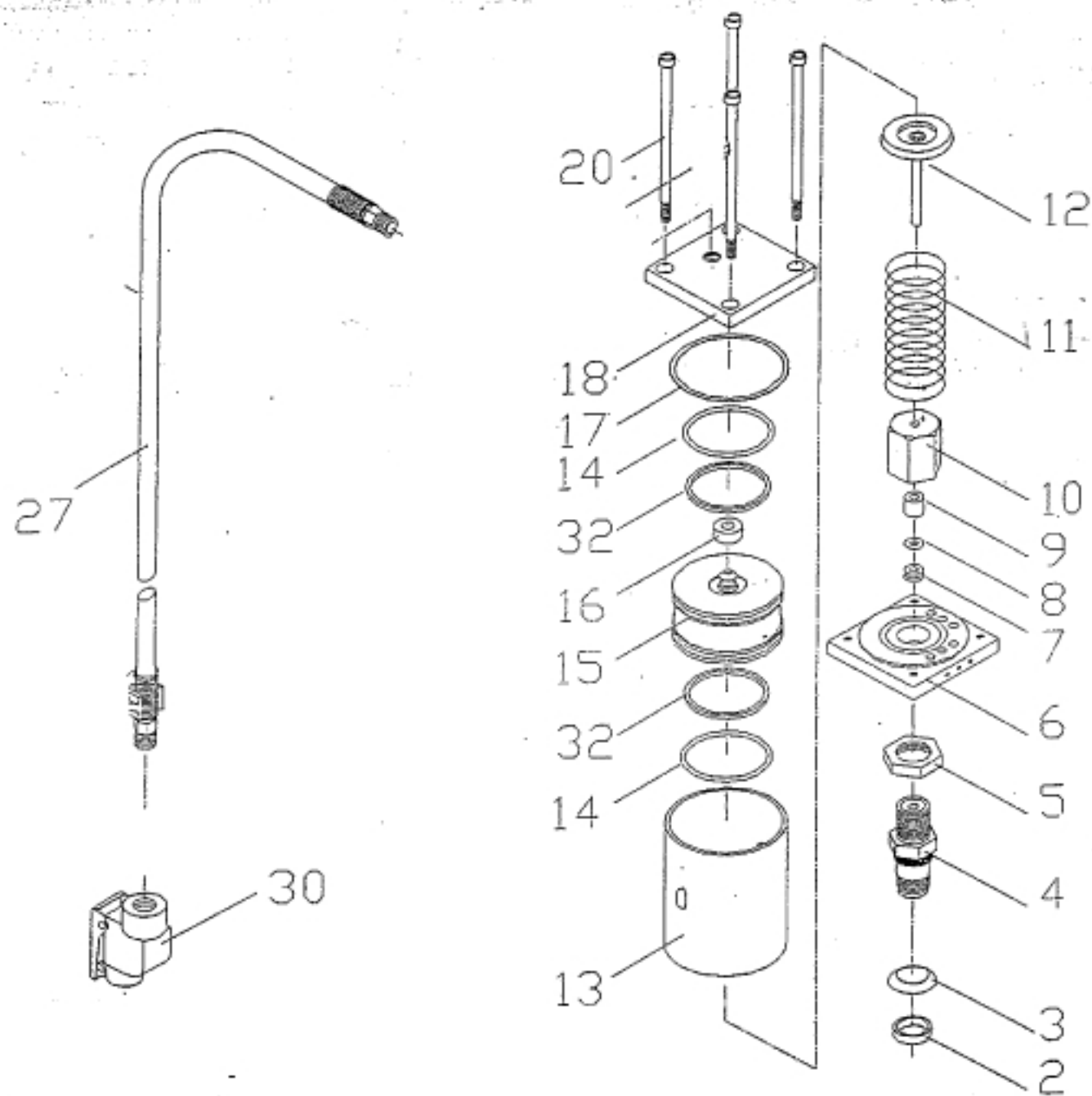


# AIR MOTOR PARTS LIST



Exploded Drawing  
1st Edition ©1997 01

Air Motor Parts List			
PARTS LIST			
DNC801			
ITEM	QTY	PART NUMBER	DESCRIPTION
2	1	*	Packing
3	1	730-20401	Washer
4	1	730-49012	Plunger Housing
5	1	730-20303	Nut
6	1	730-50001	Cylinder Housing
7	1	*	U-Cup
8	1	*	Back-Up Ring
9	1	*	Collar
10	1	730-51005	Plunger Cover
11	1	730-23301	Compression Spring
12	1	730-49040	Pump Piston
13	1	730-50005	Cylinder Tube
14	1	*	O-Ring
15	2	730-31001	Piston
16	1	*	Sleeve
17	1	*	Gasket
18	1	730-50004	Cylinder End Plate
20	4	730-20002	Hex. Socket Head Bolt
27	1	730-70020	Hose
30	1	730-70010	Air Valve
32	2	*	Packing
		Available Kit	
	1	8730-01001	Soft Seal Kit
		(items 2, 7, 8, 9, 14, 16, 17 and 32)	
* Available in kit only.			

### **PROBLEM: JACK FAILS TO LIFT LOAD**

Possible Solutions:

- Hydraulic oil level is low. See Adding Hydraulic Fluid Instructions.
- Air line leaks. Locate leak. Tighten connections and replace hose if cracked.
- Inadequate air pressure. The air motor requires 90 PSI to raise full load. Increase air pressure.
- Release knob is open. Close release knob.
- Jack is overloaded. Use other lifting means.

### **PROBLEM: JACK FAILS TO HOLD LOAD**

Possible Solution:

- Release knob not securely closed. Turn release knob clockwise to tighten.

### **PROBLEM: AIR MOTOR WON'T RUN OR RUNS ERRATICALLY**

Possible Solutions:

- Air line leaks. Locate leak. Tightens connections and replace hose if cracked.
- Air piston is sticking. Add a few drops of air line oil to the air inlet of the jack to lubricate the air motor.
- Inadequate air pressure. The air motor requires 90-175 PSI to raise load.

### **PROBLEM: RESERVOIR LEAKS**

Possible Solutions:

- Oil fill plug loose. Tighten oil fill plug.
- Reservoir is overfilled. Oil will leak from the oil fill plug if the reservoir is overfilled.

### **PROBLEM: LIFT ARM WILL NOT RETRACT COMPLETELY**

Possible Solutions:

- Pivot block is stuck. Break pivot block loose (located under lift arm) without damaging jack. Grease jack regularly.
- Hydraulic cylinder is stuck. Grease jack. Remove any excess buildup. Replace cylinder if needed.