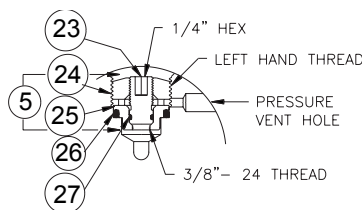


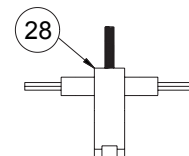
TOOL PISTON AREA 13.72 IN. SQ.

ITEM	QTY.	PART NUMBER	DESCRIPTION
1		SET-4500-000	ASSY. - 4-1/2" O.D. MULTI-STAGE SETTING TOOL - ALL TEMP ITEMS 3,8,AND 28 NOT INCL. IN EITHER ASSY.
2*	1	OOO-V569-328	O-RING
3	1	DET-5306-074	IGNITOR ASSY. - POWER CHARGE
4*	1	OOO-V569-332	O-RING
5	1	SET-3500-042	ASSY.- BLEEDER VALVE - ITEMS 23 THRU 27
6	1	SET-4500-020	FIRING HEAD
7*	1	OOO-V569-338	O-RING
8	1	JEC-0450-140	POWER CHARGE - LOW TEMP. - 250° F
9	1	SET-4500-021	POWDER CHAMBER
10	1	SET-4500-022	SHEAR SUB
11	2	SET-4500-025	WORKING PISTON
12*	1	SET-3500-022	BRASS SHEAR SCREW
13	1	SET-4500-023	SHEAR SLEEVE
14*	6	OOO-V569-328	O-RING
15	2	SET-4500-024	WORKING CYLINDER
16	2	SET-4500-026	TANDEM SUB
17	1	SET-4500-028	BOTTOM PISTON
18	1	SET-4500-027	BOTTOM CYLINDER
19	1	SET-4500-029	LOCK RING
20	1	SET-4500-030	SAFETY RELEASE NUT - 194,000 LBS.
21	1	SET-4500-031	BOTTOM ADAPTER
22	1	SET-3500-025	LOCK NUT
23	1	SET-3500-043	STEM
24	1	SET-3500-045	RETAINER NUT
25	1	SET-3500-044	SEAT
26*	1	OOO-V569-213	O-RING
27*	1	OOO-V569-012	O-RING
28	1	SET-3500-046	BLEEDER WRENCH
*		SET-4500-016	O-RING KIT - ALL TEMP. (ITEMS 2,4,7,12,14,26,27)
		AES-AS90028	ASSY. - 3-1/4" O.D. QUICK CHANGE
		MAN-SET-015	MANUAL

Note: Replace STEM, RETAINER NUT, and Seat (items 23,24,25) at or before twenty runs. If visual inspection reveals damage that may lead to failure, replace parts immediately.



BLEEDER VALVE ASSY.
SET-3500-042



BLEEDER WRENCH
SET-3500-046