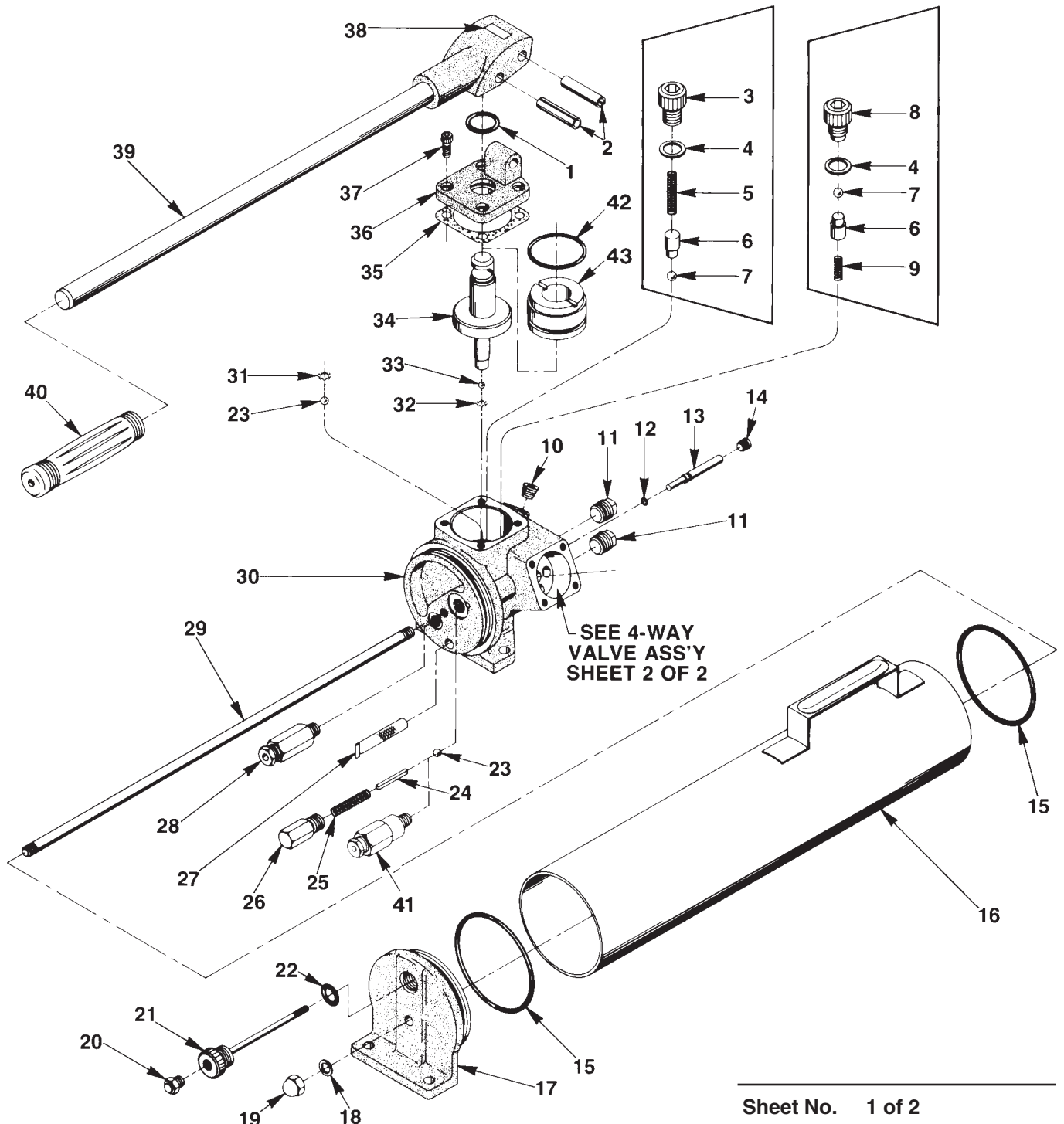


Parts List for:

4007	P156D
100194	P158D
H158D	Y-44

**TWO STAGE
HYDRAULIC HAND PUMP
FOUR-WAY VALVE**

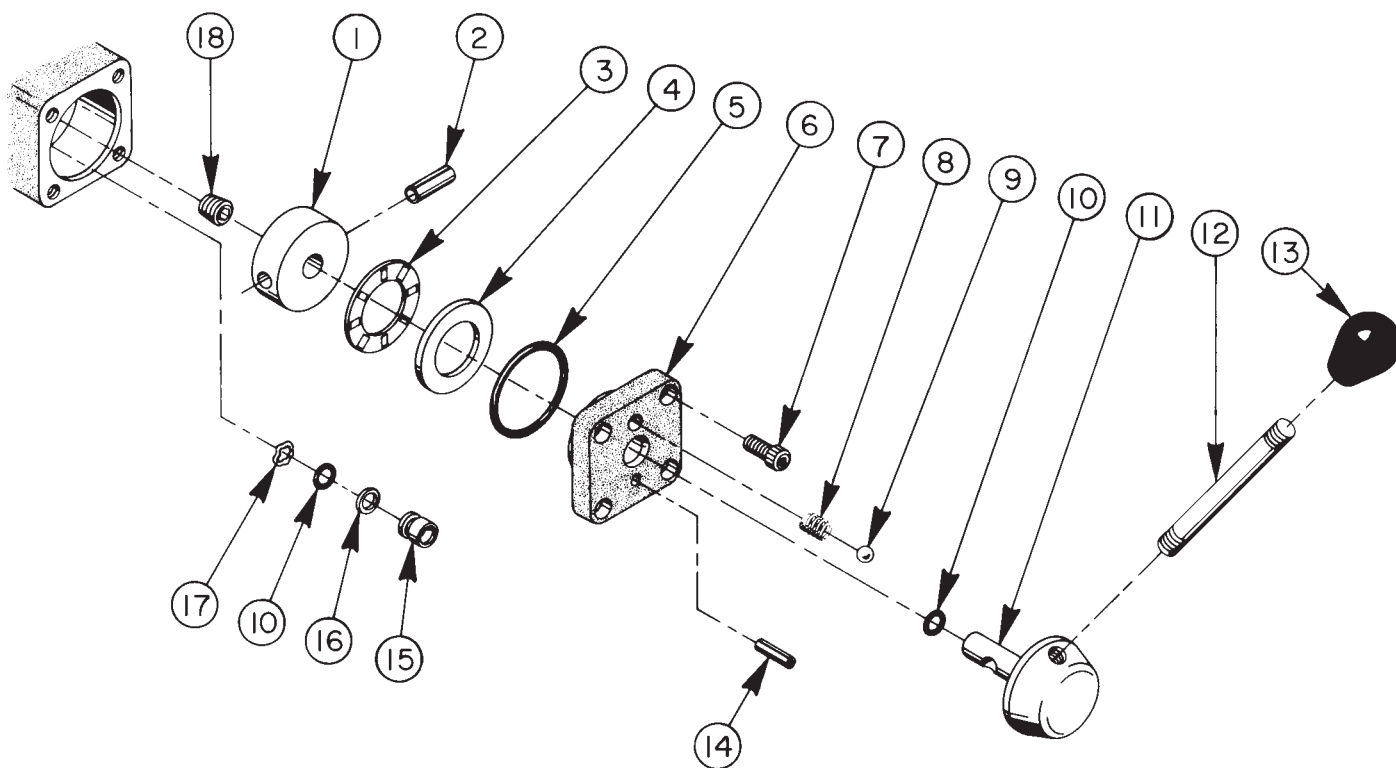
Parts List, Form No. 100338, Back sheet 1 of 2

Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	*10278	1	O-ring (1-1/8 X 7/8 X 1/8, -212)	24	204749	1	Ball Stop
	†19028	1	O-ring (1-1/8 X 7/8 X 1/8, -212)	25	208698	1	Compression Spring (5/16 O.D. X 1-15/16 Lg.)
2	10415	2	Roll Pin (3/8 Dia. x 1-3/4 Lg.; See diagram, sheet 2 of 2)	26	204748	1	Spring Retainer
3	21600	1	Soc. Hd. Cap Screw (Torque to 150/160 in. lbs.)	27	*24789	1	Filter
4	*11031	2	Copper Washer (15/32 X 5/16 X 1/32)	28	21278-30	1	Relief Valve Ass'y (For 100194 Only - set at 3000 PSI)
5	*10445	1	Compression Spring (5/32 O.D. X 3/4 Lg.)		21278	1	Relief Valve Ass'y (Set at 10,000 PSI)
6	24148	2	Ball Guide	29	204120	1	Tie Rod
7	*12223	2	Steel Ball (3/16 Dia.)	30	60573-WH2	1	Pump Body
8	*24150	1	Valve Seat (Torque to 150/160 in lbs.)	31	*11893	1	Retaining Ring (7/16 hole)
9	*12040	1	Compression Spring (1/8 O.D. X 1/2 Lg.)	32	*12041	1	Retaining Ring (5/16 hole)
10	10479	1	Pipe Plug (1/4 NPTF; Torque to 140/150 in. lbs.)	33	*10375	1	Steel Ball (1/4 Dia.)
	15177	1	Pressure Gauge (For 100194 Only - Not Shown)	34	24146	1	Piston Assembly
11	11127	2	Pipe Plug (3/8 NPTF)		25522	1	Piston Assembly (For P156D Only)
	10970	2	Pipe Plug (1/4 NPTF; For 100194 Only)	35	†*24640	1	End Cap Gasket
	10676	2	Reducing Bushing (For 100194 Only - Not Shown)	36	38598-WH2	1	Pump Body Cap
12	*17797	1	O-ring (1/4 X 1/8 X 1/16, -006)	37	10006	4	Soc. Hd. Cap Screw (1/4-20 UNC X 5/8 Lg.; Torque to 150/160 in lbs.)
	†206445	1	O-ring (1/4 X 1/8 X 1/16, -006)	38	*204071	1	Decal
13	25030	1	Unloading Valve Piston	39	31872-WH2	1	Handle Assembly
14	10427	1	Pipe Plug (1/8 NPTF)	40	11610	1	Handle Grip
15	*10873	2	O-ring (3-7/8 X 3-5/8 X 1/8, -239S)	41	204750	1	Unloading Valve Ass'y (For P156D Only [See sheet 2 of 2])
	†19048	2	O-ring (3-7/8 X 3-5/8 x 1/8, -239)	42	*10913	1	O-ring (2" X 1-13/16 X 3/32, -133; For P156D Only)
16	204114-PU2	1	Reservoir (For 100194)		†19015	1	O-ring (2" X 1-13/16 X 3/32, -133; For P156D Only)
	204114-OR9	1	Reservoir (For P158D & P156D)	43	32405	1	Sleeve (For P156D Only)
	204114-BL2	1	Reservoir (For Y-44 & 4007)	PARTS INCLUDED BUT NOT SHOWN			
	204114-RE10	1	Reservoir (For H158D)		38031	2	Trade Name Decal (For 100194)
17	37960-WH2	1	End Cap		204753	2	Trade Name Decal (For P158D)
18	*12042	1	Copper Washer (9/16 X 3/8 X 1/32)		208142	2	Trade Name Decal (For P156D)
19	18843	1	Cap Nut		38034	1	Trade Name Decal (For Y-44 & 4007)
20	18317	1	Relief Valve		10575	2	Drive Screw (#2 X 3/16 Lg.: For Name Plate)
21	204150	1	Filler Cap & Dipstick Assembly		210855	2	Trade Name Decal (For H158D)
22	*10527	1	O-ring (13/16 X .644 X .087, -908)		†205724	1	Decal (Viton)
	†19092	1	O-ring (13/16 X .644 X .087, -908)				
23	*10377	2	Steel Ball (5/16 Dia.)				

Part numbers marked with an asterisk (*) are contained in Standard Repair Kit No. 300083.

Part numbers marked with a dagger (†) are contained in Viton Seal Kit No. 300233.

FOUR-WAY VALVE ASSEMBLY

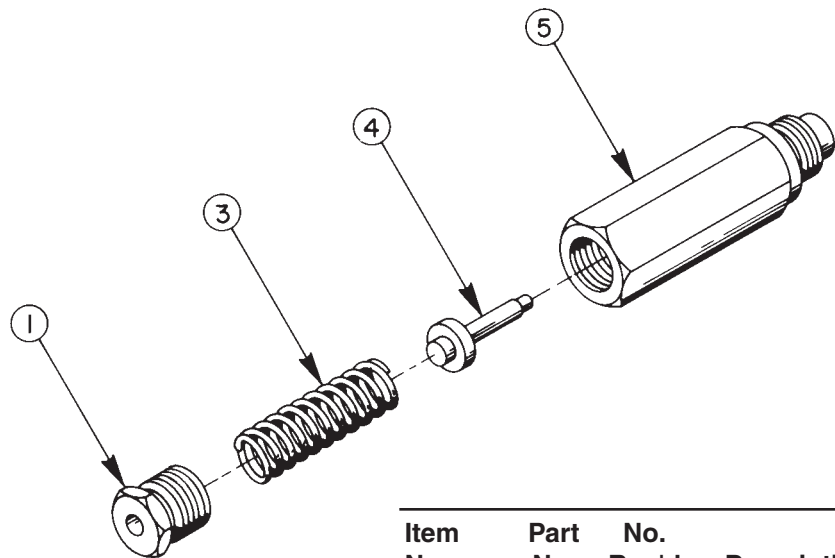


Item No.	Part No.	No. Req'd	Description
1	32071	1	Rotor
2	*10716	1	Roll Pin (1/4 Dia. X 3/4 Lg.)
3	12188	1	Needle Thrust Bearing
4	12189	1	Bearing Race
5	*10930	1	O-ring (1-1/2 X 1-5/16 X 3/32, -125)
	†19008	1	O-ring (1-1/2 X 1-5/16 X 3/32, -125)
6	25821	1	Cover
7	11434	4	Soc. Hd. Cap Screw (10-24 UNC X 1/2 Lg.)
8	12195	1	Compression Spring (1/4 O.D. X 1/2 Lg.)
9	*10375	1	Steel Ball (1/4 Dia.)
10	*10266	4	O-ring (3/8 X 1/4 X 1/16, -010)
	†11438	4	O-ring (3/8 X 1/4 X 1/16, -010)
11	32070	1	Stem
12	24564	1	Stud
13	12821	1	Knob
14	11587	1	Roll Pin (1/8 Dia. X 1/2 Lg.)
15	24570	3	Shear Seal
16	†*12184	3	Backup Washer (3/8 X 1/4 X .048, -010)
17	†*12187	3	Spring Washer
18	11084	1	Pipe Plug (1/16 NPTF)

Part numbers marked with an asterisk (*) are contained in Standard Repair Kit No. 300083.

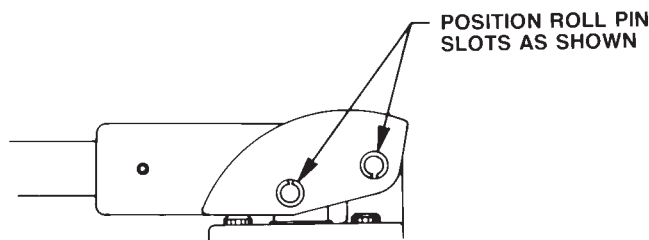
Part numbers marked with a dagger (†) are contained in Viton Seal Kit No. 300233.

UNLOADING VALVE ASSEMBLY



Item No.	Part No.	No. Req'd	Description
1	305912	1	Adjusting Screw
3	10495	1	Spring (1/2 O.D. X 1-5/8 Lg.)
4	25525	1	Spring Retainer
5	204747	1	Valve Body

HANDLE ASSEMBLY



Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

Items found in this parts list have been carefully tested and selected. **Therefore: Use only genuine replacement parts!**

Additional questions can be directed to our Technical Services Department.