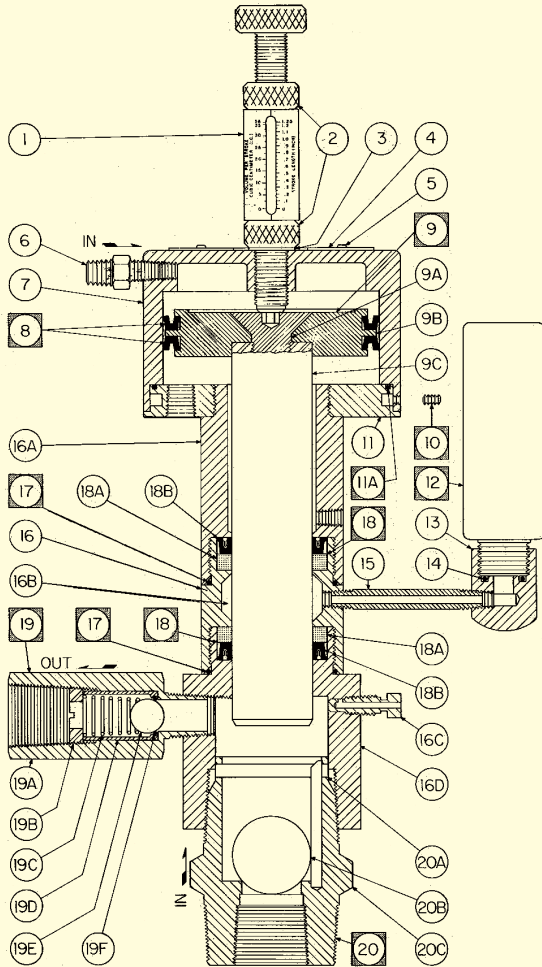




# P1500W SERIES PUMP PARTS LIST



ITEM	DESCRIPTION	NO. REQ'D	P1500W400	P1500W600	P1500W800
1	STROKE ADJUSTER ASSEMBLY	1	SA1500-400	SA1500-6/8	SA1500-6/8
2	DATA PLATE	1	DP6W	DP6W	DP6W
3	DATA PLATE DRIVE SCREWS	4	S2316D	S2316D	S2316D
4	PUMP/CONTROLLER CONNECTOR	1	HN1414304	HN1414304	HN1414304
5	MOTOR CYLINDER	1	MC400-1500-11	MC600-1500115	MC600-1500115
6	PISTON U-CUP/O-RING-BUNA N STD.	2	MC400-02BR	BR-433	BR-443
7	PISTON PLUNGER ASSEMBLY	1	PA1500-400 <sup>(1)</sup>	PA1500-600 <sup>(1)</sup>	PA1500-800 <sup>(1)</sup>
8	MOTOR CYLINDER SET SCREWS/BOLTS	6,10,10	A142038SHSS	MC600-06	MC600-06
9	FACE PLATE	1	MC400-1500-15	MC600-1500-15	MC800-1500-15
10	FACEPLATE O-RING	1	V-046	V-050	V-170
11	4 OZ. SILICONE OIL BOTTLE	1	SF96-100/4	SF96-100/4	SF96-100/4
12	OILER BODY	1	P1000V48	P1000V48	P1000V48
13	OILER BODY O-RING-VITON	1	V-114	V-114	V-114
14	PUMP/OILER CONNECTOR	1	P225-49	P400-49	P400-49
15	PUMP BODY ASSEMBLY	1	P1500W4-PB	P1500W6-PB	P1500W8-PB
16	BLEEDER PLUG	1	P250V45S	P250V45S	P250V45S
17	BODY SEAL O-RING-VITON	2	V-138	V-138	V-138
18	PLUNGER SEAL SET-TEFLON GRAPHITE	2	— <sup>(2)</sup> 24-30S	— <sup>(2)</sup> 24-30S	— <sup>(2)</sup> 24-30S
19	DISCHARGE CHECK VALVE	1	CVL12BS	CVL12BS	CVL12BS
19a	CHECK VALVE BODY	1	CVL12B-4S	CVL12B-4S	CVL12B-4S
19b	RETAINER	1	CVL12-0S	CVL12-0S	CVL12-0S
19c	SPRING-INCONEL	1	CV101169	CV101169	CV101169
19d	SLEEVE	1	CVL12B-5S	CVL12B-5S	CVL12B-5S
19e	11/16" BALL	1	CV12-2S	CV12-2S	CV12-2S
19f	O-RING-TEFLON	1	T-113	T-113	T-113
20	SUCTION CHECK VALVE	1	CVR32S	CVR32S	CVR32S
20a	RETAINER	1	CVR32-0S	CVR32-0S	CVR32-0S
20b	11/16" BALL	1	CV32-2S	CV32-2S	CV32-2S
20c	CHECK VALVE BODY	1	CVR32-4S	CVR32-4S	CVR32-4S

**NOTE 1:** Plunger material is designated by (A) 17-4 PH, (B) 316 SS, and (CR) Ceramic.

**NOTE 2:** Seals must be compatible with chemical to be injected. Standard Teflon Graphite (TG) plunger seal is spring-loaded mechanical seal.

Alternate O-ring plunger seal sets are available in Teflon, Viton, Buna N and Kalrez.

The injectors model no. P1500W400, P1500W600 and P1500W800 *always* require the use of the relay model no. P04-4S.

When using a relay it is recommended to use a pressure regulator (PVC) for the "Oscillamatic" controller and another PVC for the relay. The pressure supply to the "Oscillamatic" controller should be set at 35 PSI.

The pressure supply to the relay should be a minimum of 50 PSI to a maximum of 150 PSI, depending on the required discharge pressure.

**TO BE CONSIDERED ONLY ON PUMPS INCLUDING AN 8 INCH PISTON:** It is recommended to install a volume chamber or a supply line of a minimum size of 1/2 inch in size, between the PCV and the relay. This allows the necessary volume to the relay during maximum operating conditions.

**LUBRICATION:** All pumps are supplied with SF96-100 plunger seal lubricant. Use G321M1 U-cup silicone grease when rebuilding the pump. This is contained in a complete pump repair kit.

**REPAIR KITS:** The items identified with the symbol are contained in a complete pump repair kit. Controller and relay repair kits must be ordered separately.

Pump Body Assembly must be ordered as a complete unit (item no. 16).