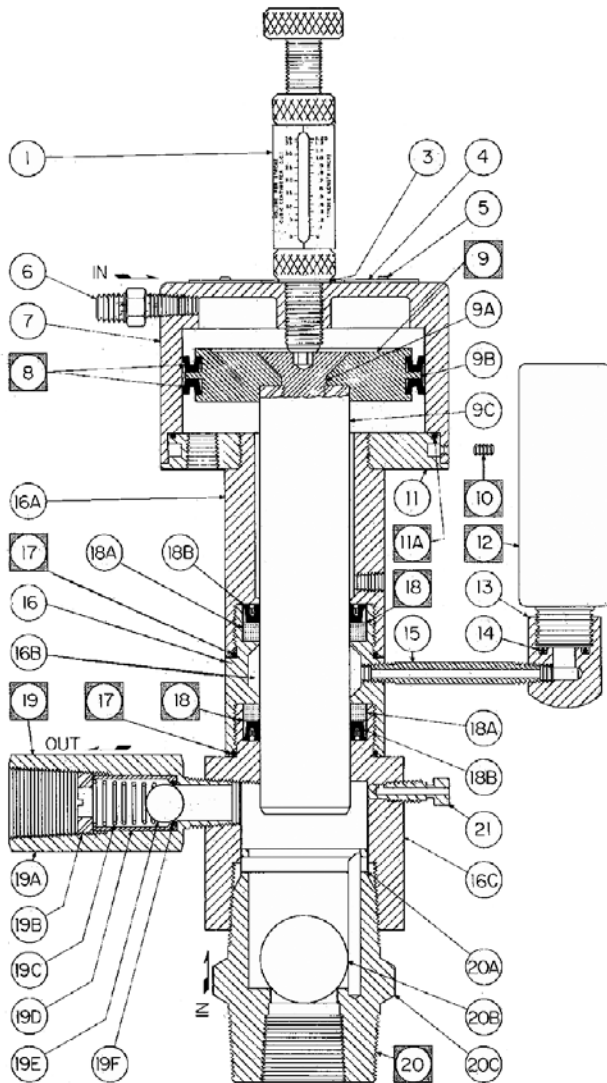


P1500W SERIES PUMP PARTS LIST



ITEM	DESCRIPTION	NO. REQ'D	P1500W400	P1500W600	P1500W800
1	STROKE ADJUSTER	1	SA1500-400	SA1500-6/8	SA1500-6/8
3	THREAD SEAL (included in stroke adjuster)	1	CP100-400-3	CP2250-3	CP2250-3
4	DATA PLATE	1	DP6W	DP6W	DP6W
5	DATA PLATE DRIVE SCREWS	4	S2316D	S2316D	S2316D
6	PUMP/CONTROLLER CONNECTOR	1	HN1414304	HN1414304	HN1414304
7	MOTOR CYLINDER	1	MC400-1500-11	MC600-11S	MC600-11S
8	PISTON U-CUP/O-RING-BUNA N STD.	2	MC400-02BR	BR-433	BR-443
9	PISTON PLUNGER ASSEMBLY	1	PA1500-400 _	PA1500-600 _	PA1500-800 _
10	MOTOR CYLINDER SET SCREWS/BOLTS	6,10,10	A142038SHSS	MC600-06	MC600-06
11	FACE PLATE	1	MC400-1500-15	MC600-1500-15	MC800-1500-15
11a	FACEPLATE O-RING	1	V-046	V-050	V-170
12	4 OZ. SILICONE OIL BOTTLE	1	SF96-100/4	SF96-100/4	SF96-100/4
13	OILER BODY	1	P1000V48	P1000V48	P1000V48
14	OILER BODY O-RING-VITON	1	V-114	V-114	V-114
15	PUMP/OILER CONNECTOR	1	P225-49	P400-49	P600-49
16	PUMP BODY ASSEMBLY	1	P1500-4-100	P1500-6-100	P1500-8-100
17	BODY SEAL O-RING-VITON	2	V-138	V-138	V-138
18	PLUNGER SEAL SET-TEFLON GRAPHITE	2	TG2430S	TG2430S	TG2430S
18a	BACK-UP RING FOR PLUNGER SEAL	2	TP202336-18	TP202336-18	TP202336-18
18b	PLUNGER SEAL-TEFLON GRAPHITE	2	TG24-30	TG24-30	TG24-30
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	1 -1/2" BALL	1	4070014272	4070014272	4070014272
20c	CHECK VALVE BODY	1	CVR32-4S	CVR32-4S	CVR32-4S
21	BLEEDER PLUG	1	BV202139	BV202139	BV202139

MATERIAL OPTIONS:

NOTE 1: 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.

NOTE 2: Standard plunger material is 316 stainless steel.


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 (See bulletin no. 387-2). 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 (See bulletin no. RK-P1500W). Controller and relay repair kits must be ordered separately.

IMPORTANT: Plunger seals (TG only) must be installed at an angle (See bulletin no 987-1).



P1500W SERIES PUMP REPAIR KITS

REPAIR KIT NO. - 1B1500W400TG

PART NUMBER	DESCRIPTION	QUANTITY
CVL12BS	Discharge Check Valve	1
CVR32S	Suction Check Valve	1
G321M1	1 oz. Silicone Grease	4
MC400-02BR	U-Cup-Buna-N	2
PA1500-400B	Piston-Plunger Assembly	1
SF96-100/4	4 oz. Silicone Oil	1
TG2430S	Plunger Seal Set-Teflon Graphite	2
V-046	O-Ring-Viton	1
V-138	O-Ring-Viton	2
A142038SHSS	Screw	1

REPAIR KIT NO. - 1B1500W600TG

PART NUMBER	DESCRIPTION	QUANTITY
BR-433	O-Ring-Buna-N	2
CVL12BS	Discharge Check Valve	1
CVR32S	Suction Check Valve	1
G321M1	1 oz. Silicone Grease	4
MC600-06	Screw	1
PA1500-600B	Piston-Plunger Assembly	1
SF96-100/4	4 oz. Silicone Oil	1
TG2430S	Plunger Seal Set-Teflon Graphite	2
V-050	O-Ring-Viton	1
V-138	O-Ring-Viton	2

REPAIR KIT NO. - 1B1500W800TG

PART NUMBER	DESCRIPTION	QUANTITY
BR-443	O-Ring-Buna-N	2
CVL12BS	Discharge Check Valve	1
CVR32S	Suction Check Valve	1
G321M1	1 oz. Silicone Grease	4
MC600-06	Screw	1
PA1500-800B	Piston-Plunger Assembly	1
SF96-100/4	4 oz. Silicone Oil	1
TG2430S	Plunger Seal Set-Teflon Graphite	2
V-138	O-Ring-Viton	2
V-170	O-Ring-Viton	1

NOTES: Controller and relay repair kits must be ordered separately.

Alternate O-Ring Plunger Seal Sets are available below. To order, change Teflon Graphite (TG) repair kit number to material desired. For example, Viton (V) Plunger Seal Set would be ordered as 1B1500W400V. An O-Ring Seal Set contains (1) O-Ring and (2) Back-up Rings.

The seal and plunger material can be selected to suit the application

