



**WILLIAMS**  
CHEMICAL METERING PUMPS

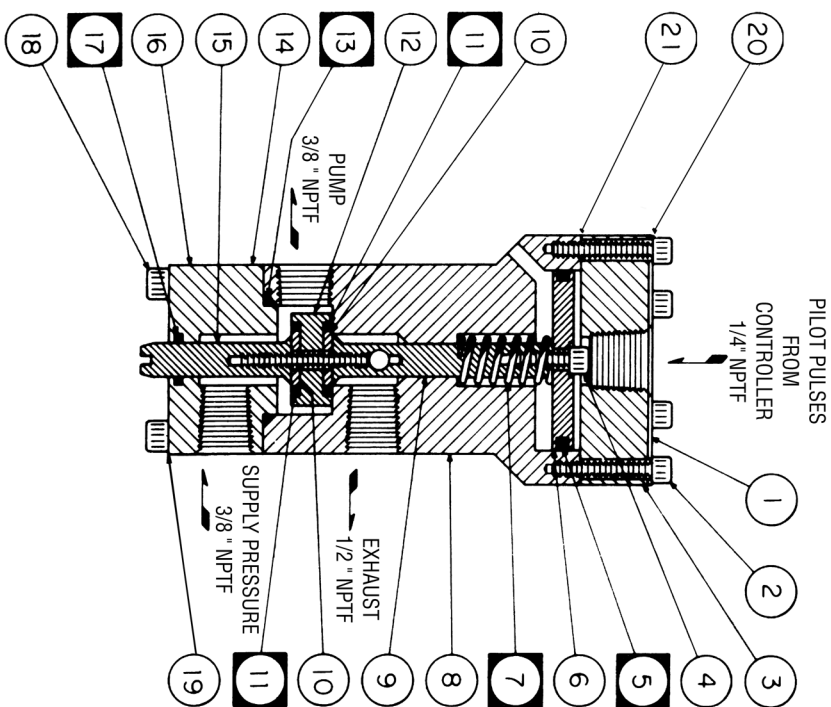
## RELAY REPAIR KITS

### REPAIR KIT NO. - PO3-6K\*

PART NUMBER	DESCRIPTION	QUANTITY
BR-011	Poppet Stem O-Ring Buna N	1
BR-022	Body Seal O-Ring Buna N	1
BR-029	Piston O-Ring Buna N	1
PO3-4/8	Spring	1
V-112	Poppet O-Ring Viton®	2
23207	Gasket	1

\* Note: This kit also compatible with PO3-4S, PO3-4A and PO3-6A relays.

# PO3-6S RELAY PARTS LIST



STANDARD CONTROLLER-RELAY-PUMP COMBINATIONS	RELAY	CONTROLLER
CHR500V&W400	PO3-6S	MK-XII
CHR500X&D400	PO3-6S	MK-III or VII
CHR750X400	PO3-6S	MK-XII
CHR1000V&W400	PO3-6S	MK-XII
CHR1000V&W600	PO3-6S	MK-XII
CHR1500W400	PO4-6S	MK-XII
CHR1500W600	PO4-6S	MK-XII
CHR1500W800	PO4-6S	MK-XII
CHR2250V&W300S	PO4-6S	MK-XII
CHR2250V&W300L	PO4-6S	MK-XII
CHR2250V&W800L	PO4-6S	MK-XII

**NOTES:**  
Use above relays as pump model dictates.

ITEM	DESCRIPTION	NO. REQ'D	PO3-6S
1	DATA PLATE	1	DP202356
2	TOP CAP SCREWS	6	PO3-4/2
3	TOP CAP	1	PO3-4/3S
4	PISTON LOCK SCREW	1	PO3-4/6
5	PISTON O-RING/BUNA N STD.	1	BR-029
6	PISTON	1	PO3-4/4
7	SPRING	1	PO3-4/8
8	UPPER BODY SECTION	1	PO302309
9	UPPER POPPET STEM	1	PO3-4/7
10	POPET O-RING RETAINER	2	PO3-4/13
11	POPET O-RING/NTON STD.	2	V-112
12	POPET BODY	1	PO3-4/11
13	BODY SEAL O-RING/BUNA N STD.	1	BR-022
14	POPET STEM CONNECTOR BOLT	1	PO3-4/10
15	LOWER POPPET STEM	1	PO3-4/17
16	LOWER BODY SECTION	1	PO102306
17	POPET STEM O-RING/BUNA N STD.	1	BR-011
18	BOTTOM CAP SCREW	4	A1032114SHCS
19	WASHER LOCK #10 STAINLESS STEEL	4	W/10L
20	WASHER LOCK #8 STAINLESS STEEL	6	W/8L
21	GASKET	1	23207

**NOTES:**  
When using a relay, it is recommended to use a pressure regulator (PCV) for the "Oscillamatic" controller and another PCV for the relay.  
The pressure supply to the "Oscillamatic" controller should be set at a minimum pressure of 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. See individual pump specifications for specific amplification ratios.  
During maximum input pressures, the exhaust mode pulse level may become excessive. Muffler model no. RM-4 may be used in the exhaust port.

**REPAIR KITS:** The items identified with the symbol  are contained in a complete repair kit.