

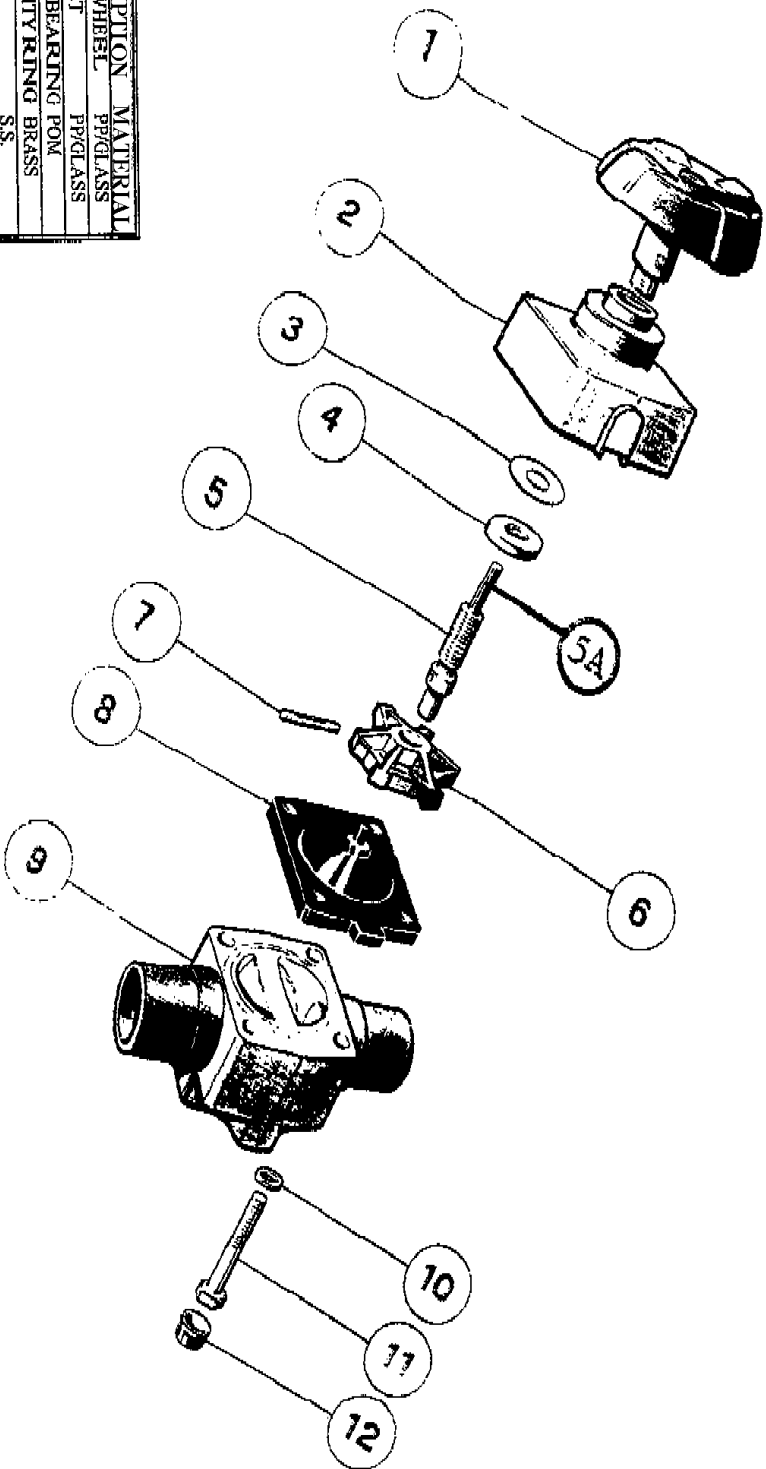
MAINTENANCE INSTRUCTIONS

For Chemline NDV Series Manual Diaphragm Valve Sizes 1/2" - 4"

Maintenance (all sizes)

Refer to **ASSEMBLY DRAWING NDV1 REV 0**. And proceed as follows:

1. Remove protective cap (12). bolt (11) and washer (10).
2. Remove handwheel (1) from bonnet (2).
3. Draw stem (5) out from security ring (4) and compression bearing (3).
4. Disconnect position indicator (5A) from top of stem (5).
5. At bottom of stem remove pin (7) and compressor (6).
6. Unscrew process diaphragm (8) from compressor (6).
7. Lift off process diaphragm (8) from body of valve (9).
8. Inspect all parts for wear and abrasion.
9. Replace parts if necessary.
10. Before re-assembling valve, lubricate stem (5) , Dow Corning III silicone or equivalent recommended.
11. To re-assemble valve follow steps 1 through 7 in reverse.



PART	DESCRIPTION	MATERIAL
1	HANDWHEEL	PP/GLASS
2	BONNET	PP/GLASS
3	COMP. BEARING POM	
4	SECURITY RING	BRASS
5	STEM	S.S.
5(a)	POS. INDICATOR	PLASTIC
6	COMPRESSOR	PAMXD6
7	PIN	S.S.
8	PROCESS DIAPHR.	VARIOUS
9	VALVE BODY	VARIOUS
10	WASHER	S.S.
11	BOLT	S.S.
12	PROTECTIVE CAP	PE

*VARIOUS=EPDM/VITON/PTFE
PVC/CPVC/PP/PVDF

TITLE		CHEMLINE NDV SERIES MANUAL	
REFERENCE	DIAPHRAGM VALVE SIZES 1/2" - 4"	SCALE	
		DR. BY	
		CHG. BY	
		APP. BY	
		DATE	
		DWG. NO.	NDV1
		REV.	0

