



A-TIMING IS ADJUSTABLE FROM 5 TO 30 SECONDS. TURN THE SCREW, ITEM #3, CLOCKWISE TO INCREASE TIMING COUNTERCLOCKWISE TO DECREASE TIMING. CHANGES IN WATER TEMPERATURE WILL AFFECT TIMING AND MAY REQUIRE READJUSTMENT.

B-CARTRIDGES SHALL BE ASSEMBLED TO VALVE BODIES WITH A MAX OF 35 FT/LBS OF TORQUE. DO NOT OVERTIGHTEN.

C-SUPPLY WATER WITH HIGH MINERAL CONTENT OR THE PRESENCE OF FOREIGN MATERIALS SUCH AS SAND OR SILT WILL PLUG UP THE FELT GASKET, ITEM #5, AND CAN ULTIMATELY PREVENT SHUTOFF. WEAR OF U-PACKING, ITEM #7, WILL RESULT IN "QUICK-CLOZ" OPERATION. SHOULD THESE CONDITIONS EXIST, ACORN RECOMMENDS REPLACEMENT WITH PN 2302-000-003 WHICH WILL PROVIDE SUPERIOR PERFORMANCE.

1	2305-050-002	CARTRIDGE ASSY -COMP	11	0431-026-000	BONNET GASKET
2	2305-009-199	PUSHBUTTON	12	1380-004-000	SPRING
3	0106-011-000	4-40 x 3/16" RD HD	13	2305-001-199	ROD
4	0335-001-000	WASHER	14	2305-007-000	O-RING RETAINER
5	0445-001-000	FELT GASKET	15	0409-011-000	BACKUP RING (2 REQ'D)
6	2305-051-199	DASHPOT	16	0401-011-000	O-RING
7	0408-001-000	FELT WASHER	17	0421-118-000	GASKET
8	2305-004-199	PISTON	18	2305-008-199	BONNET
9	0439-002-000	GASKET DISC	19	0181-007-000	#10-32 x 3/8" SET SCREW (2 REQ'D)
10	2305-014-000	SLEEVE			
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION



ACORN ENGINEERING COMPANY  
P.O. BOX 3527 INDUSTRY, CA. 91744  
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TITLE **EXPOSED AUTO-CLOZ CARTRIDGE-DASHPOT VALVE**

MANUFACTURE DATE  
**MARCH 1973**  
**TO PRESENT**

DATE ISSUED  
**09/01/89**  
DATE REVISED  
**03/31/97**

DRAWING NUMBER  
**9975-025-002**