



NOTE A

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A- Timing is adjustable from 5 to 60 seconds and is accomplished by inserting hex wrench, item #4 into the hole in the stem. Turning the needle clockwise increases timing, counterclockwise decreases timing. Do not attempt to remove the timing needle -to do so will void the warranty.

Changes in water pressure and/or temperature will affect timing and may require readjustment.

B- Bonnet, Item #2, shall be assembled to valve body with a max of 35 ft/lbs. Do not overtighten.

1	2302-020-001	PENAL-MATIC CARTRIDGE ASSY w/BONNET	6	0401-117-000	O-RING
2	2309-023-199	PENAL-MATIC BONNET	7	0403-104-000	O-RING
3	2302-000-001	CARTRIDGE ASSEMBLY	8	0401-006-000	O-RING
4	0298-003-000	3/32" ALLEN WRENCH	9	2302-005-000	SEAT (5/16" CLOSURE)
5	2302-003-002	BODY ASSEMBLY	10		
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION
ACORN ENGINEERING COMPANY P.O. BOX 3527 INDUSTRY, CA. 91744 (626) 336-4561 FAX (626) 961-2200		TITLE 'PENAL-MATIC' (-M FLUID METERING) CARTRIDGE FOR PENAL-TROL VALVES			
MANUFACTURE DATE JANUARY 1989 TO PRESENT			DATE ISSUED 09/01/89 DATE REVISED 03/12/02		DRAWING NUMBER 9955-300-003