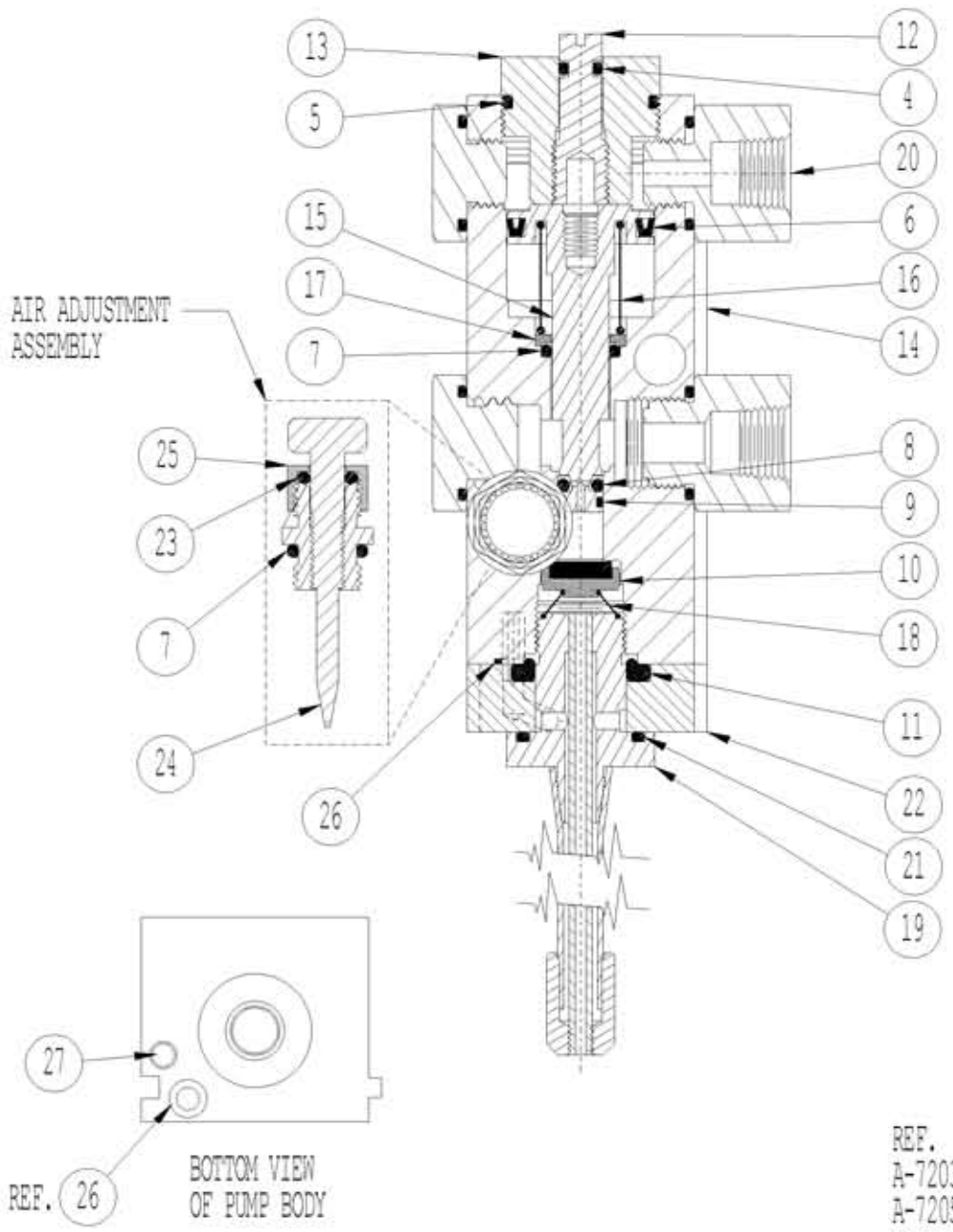
REV	CO NO	CHANGE	BY	DATE	APVD
A	13740	ITEM 11 WAS .489 I.D. x 070 W.	RSH	4-30-03	MW
B	14327	ADDED BOTTOM VIEW AND ITEM -27	RSH	07-12-05	MW
-	-	-	-		

* READ INSTRUCTIONS THOROUGHLY BEFORE STARTING.
* SEAL REPLACEMENT MUST BE PERFORMED IN A CLEAN ENVIRONMENT.
* DISASSEMBLE PUMP & REMOVE ALL SEALS FROM EACH COMPONENT.
  - -REMOVE ITEMS 13 & 19 & "AIR ADJUSTMENT ASSEMBLY" FROM ITEM 14.
  - -REMOVE ITEM 12 FROM ITEM 13 & REMOVE ITEMS 19 & 27 FROM ITEM 22.
  - -REMOVE ITEM 26 FROM 14
  - -ITEM 15 IS A PRECISION PART. HANDLE WITH EXTREME CARE.
  - -BACK ITEM 20 OUT FROM ITEM 14 THREE TURNS.
  - -USE A 10-32 SCREW TO PULL ITEM 15 OUT FROM ITEM 14.
  - -ITEM 17 CAN NOT BE REMOVED BECAUSE IT HAS A PRESS FIT WITH ITEM 14.
  - -REMOVE ITEM 7 FROM UNDER ITEM 17.
  - -REMOVE ITEMS 24 & 25 FROM AIR ADJUSTMENT ASSEMBLY.
* DISPOSE OF USED SEALS. (ITEMS 4 THRU 11, 21, 23 & 26)
* WASH REMAINING COMPONENTS WITH MINERAL SPIRITS & ALLOW THEM TO DRY.
* APPLY A FILM OF OIL TO ALL REPLACEMENT SEALS BEFORE ASSEMBLY.

-INSTALL ITEM 7 IN ITEM 14 AT ITEM 17.
-INSTALL ITEMS 6, 8, & 9 ON ITEM 15.
-INSTALL ITEM 5 ON ITEM 13.
-INSTALL ITEM 4 ON ITEM 12.
-INSTALL ITEM 12 IN ITEM 13
-INSTALL ITEM 21 IN ITEM 19.
-INSTALL ITEM 19 IN ITEM 22 AND 11 ON 19.
-SNAP ITEM 10 TO ITEM 18 AND INSTALL.
-INSTALL ITEM 26 ONTO ITEM 14.
-INSTALL ITEM 27 INTO ITEM 14.
-INSTALL ITEMS 22,19,11 INTO 14.
-INSTALL ITEM 16 INTO 14.
-INSTALL ITEM 15 INTO 14.
-INSTALL ITEM 13 INTO 14.
-INSTALL ITEMS 7 AND 23 WITH AIR ADJUSTMENT ASSEMBLY



REF.
A-7203 SEAL KIT
A-7205 INSTALL & OPERATE INSTRUCTIONS

QTY		DESCRIPTION	ITEM
1		PASSAGE SEAL	27
1		O-RING .110 I.D. x .051 CROSS SECTION	26
		PACKING NUT	25
		AIR ADJUSTMENT STEM	24
1		O-RING .176 I.D. x .070 C/S	23
		SPRAY MANIFOLD	22
1		O-RING .551 I.D. x .070 C/S	21
		AIR INLET ADAPTER FITTING	20
		ADAPTER FITTING	19
		EVAC SPRING	18
		STATIONARY SEAL RETAINING RING	17
		RETURN SPRING	16
		PISTON	15
		BODY	14
		ADJUSTMENT CAP	13
		LIQUID ADJUSTMENT STEM	12
1		O-RING .484 I.D. x .139 W	11
1		EVAC VALVE SUB-ASS'Y	10
1		O-RING .140 I.D. x .050 W	9
1		O-RING .125 I.D. x .070 W	8
2		O-RING .301 I.D. x .070 W	7
1		U-CUP 5/8 I.D. x 3/32 CROSS SECTION	6
1		O-RING .739 I.D. x .070 W	5
1		O-RING .114 I.D. x .070 W	4

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MANITOWOC, WISCONSIN

TOLERANCES UNLESS OTHERWISE SPECIFIED
FRACTIONAL ± 1/64
DECIMAL .XX ± .020
DECIMAL .XXX ± .005
DECIMAL .XXXX ± .002
ANGLES ± 1 DEG
ASSEMBLIES: ALL DIMENSIONS ARE REF.

SCALE: FULL	DATE
DRAWN: SB	09-26-02
APV'D: MW	09-26-02

TITLE:
SEAL REPLACEMENT INSTRUCTIONS FOR AIR OPERATED SPRAY PurgeX SUB-ASS'Y B-3559 STYLE: DG
PAT. NO.S 4,784,578 & 5,984,652

DRAWING NUMBER: A-7204

REV B 07-12 2005