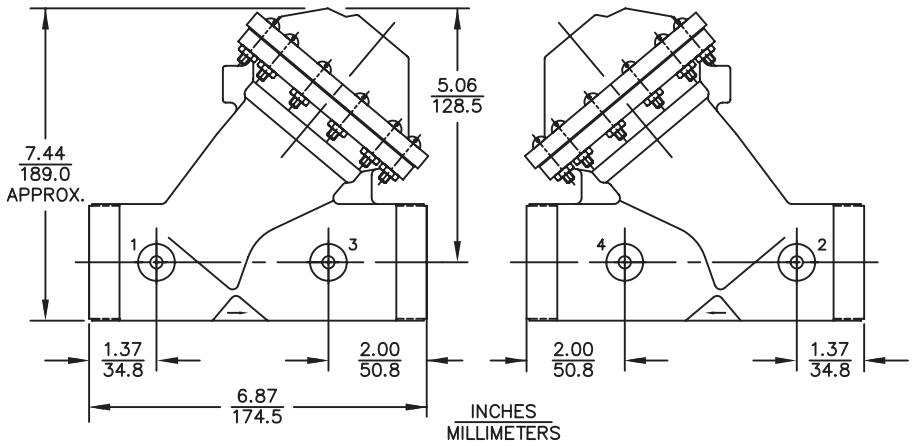
K524 DIAPHRAGM VALVE - STANDARD MODEL



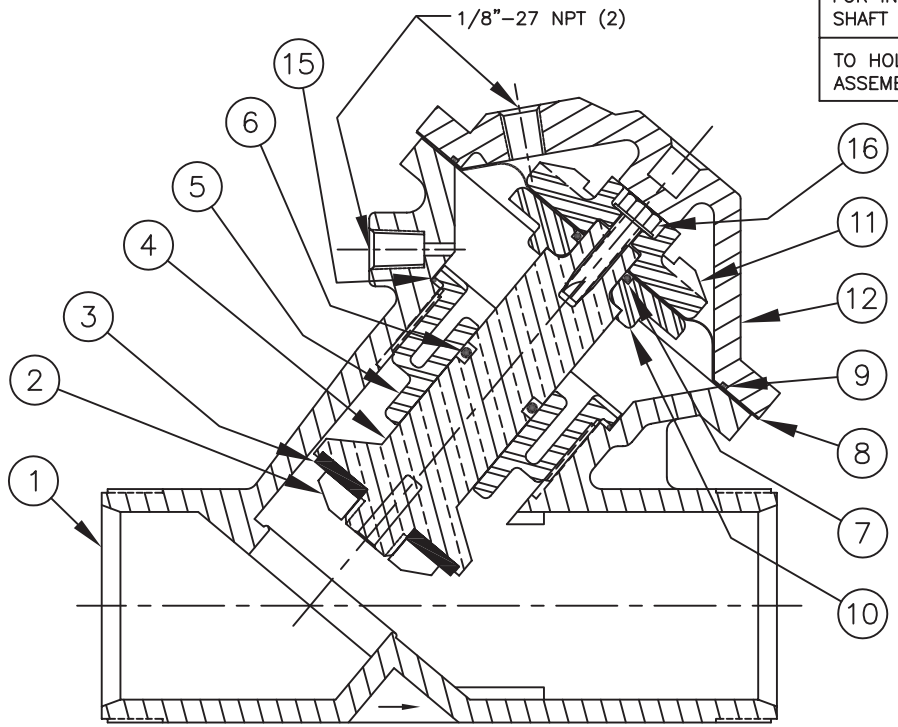
REPAIR PARTS KITS

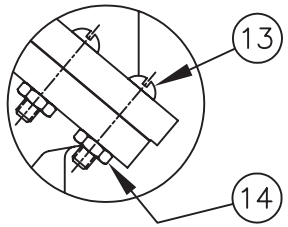
DESCRIPTION	PART NO.	
DIAPHRAGM & SEALS KIT CONSISTS OF ITEM NO'S 3,6,7,8,9,15	1070274 (524-RAN) E.P.D.M. INCLUDES DIAPHRAGM 1075104 (524-FB)	1077592 (524-RAJN) BUTYL INCLUDES DIAPHRAGM 1075104 (524-FB)
	1070290 (524-RAVN) VITON INCLUDES DIAPHRAGM 1075104 (524-FB)	1077593 (524-RAVFVN) VITON INCLUDES DIAPHRAGM 1075105 (524-FV)
INT. PARTS KIT (NORM. OPEN) CONSISTS OF ITEM NO'S 2,4,5,10,11,16	1070298 (K524-RFN)	

ASSEMBLY TOOLS

DESCRIPTION	PART NO.
FOR INSTALLATION & REMOVAL OF SHAFT GUIDE (ITEM #5)	1075143 (524-Z)
TO HOLD SHAFT (ITEM #4) DURING ASSEMBLY/DISASSEMBLY	1077837

NO.	DESCRIPTION		PART NO.	QTY.
1	BODY		1075079 (524-AK)	1
2	DISC PLATE		1076198	1
3	DISC	E.P.D.M.	1075107 (524-J)	1
		BUTYL	1075108 (524-JJ)	
		VITON	1075109 (524-JV)	
4	SHAFT		1076205	1
5	SHAFT GUIDE		1075106 (524-GK)	1
6	O-RING	E.P.D.M.	1242718 (ORE-210TC)	1
		BUTYL	1071776 (ORJ-210)	
		VITON	1242394 (ORV-210)	
7	O-RING	E.P.D.M.	1071728 (ORE-113)	1
8	DIAPH.	BUNA N	1078393	1
		VITON	1075105 (524-FV)	
9	O-RING	BUNA N	1071686 (ORB-043)	1
10	LWR DIAPH. PLATE		1076197	1
11	UPR DIAPH. PLATE		1076196	1
12	CAP		1075086 (524-BOK)	1
13	RD. HD. MACH. SCR.		1072381 (SCS-0097)	12
14	HEX NUT		1071648 (NUS-0006)	12
15	O-RING	ETH. PROP.	1071735 (ORE-137)	1
		BUTYL	1071771 (ORJ-137)	
		VITON	1071807 (ORV-137)	
16	SCREW		1077101 (SCS-0168)	1





SEE FORM 1078142 FOR UNION END CONNECTORS AND GROOVED ADAPTORS

SEE FORM 1078152 FOR SOCKET WELD ENDS AND FLANGED ADAPTORS

SEE REVERSE SIDE FOR CONFIGURATION OPTIONS

1070168 (K524-X200-14000)

NORMALLY OPEN (STANDARD)

FORM NO. 1077655

REV	DESCRIPTION	ECO	DWN	DATE	APVD
F	UPDATED O-RING P/N'S	1635	MSM	13JAN06	

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SERIES 524 DIAPHRAGM VALVE STANDARD MODEL

DRAWN	DATE	DRAWING NO.
JWB	24MAY01	1084004

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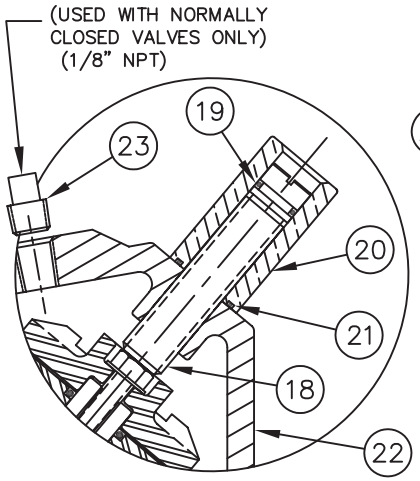
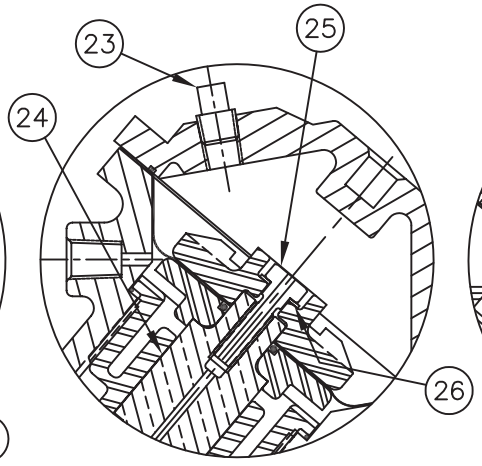
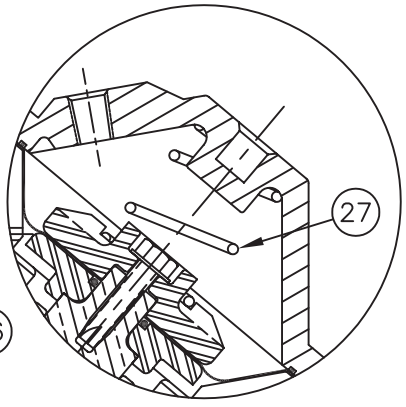
K524 DIAPHRAGM VALVE - OPTIONAL MODELS



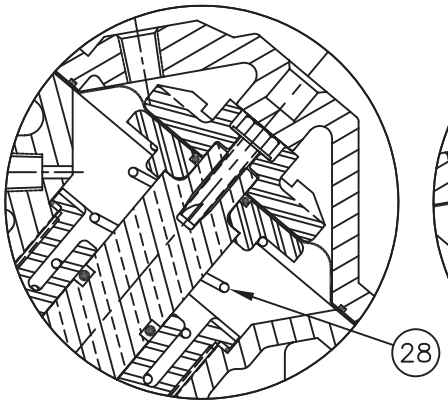
1070170 (K524–X210–14000)
LIMIT STOP



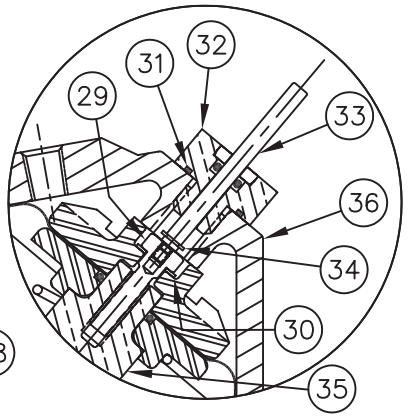
1070172 (K524–X230–14000)
NORMALLY CLOSED



1070171 (K524–X202–14000)
SPRING ASSIST CLOSED



1070169 (K524–X201–14000)
SPRING ASSIST OPEN



1071209 (K524–X221–14000)
POSITION INDICATOR

NOTE:
1. POSITION INDICATOR MODEL CANNOT BE COMBINED WITH NORMALLY CLOSED OR LIMIT STOP OPTIONS.
2. POSITION INDICATOR MODEL FURNISHED WITH SPRING ASSIST OPEN OPTION.

NO.	DESCRIPTION		PART NO.	QTY.
	LIMIT STOP MODEL			
18	ADJUSTING SCREW		1075142 (524–Y)	1
19	O–RING	BUNA N	1071668 (ORB–012)	1
20	LIMIT STOP HOUSING		1075141 (524–X)	1
21	O–RING	BUNA N	1071671 (ORB–016)	1
22	CAP		1075083 (524–BBOK)	1
	NORMALLY CLOSED MODEL			
23	PIPE PLUG (1/8" NPT)		1071912 (PLP–0006)	1
24	SHAFT (N.C.)		1076238	1
25	SCREW		1076204	1
26	LOCKWASHER (NO. 1/4")		1078993	1
	SPRING ASSIST CLOSED MODEL			
27	SPRING (ASSIST CLOSED)		1267398	1
	SPRING ASSIST OPEN MODEL			
28	SPRING (ASSIST OPEN)		1078692	1
	POSITION INDICATOR MODEL			
29	SCREW		1076203	1
30	LOCKWASHER (NO. 1/4")		1078993	1
31	O–RING	BUNA N	1071671 (ORB–016)	1
32	GUIDE HOUSING ASSY		1075037 (521–KA)	1
33	INDICATOR SHAFT		1076199	1
34	RETAINING RING		1076200	1
35	SHAFT		1076239	1
36	CAP		1075083 (524–BBOK)	1

SEE FORM 1078142 FOR UNION END CONNECTORS AND GROOVED ADAPTORS

SEE FORM 1078152 FOR SOCKET WELD ENDS AND FLANGED ADAPTORS

SEE REVERSE SIDE FOR STANDARD NORMALLY OPEN MODEL

FORM NO. 1077655

CONVERSION KITS	
DESCRIPTION	PART NO.
CONVERSION KIT (LIMIT STOP) CONSISTS OF ITEM NO'S 18 THRU 22	1071161 (K524–LSC)
CONVERSION KIT (SPRING ASSIST CLOSED) CONSISTS OF ITEM NO. 27	1075124 (524–SC)
CONVERSION KIT (SPRING ASSIST OPEN) CONSISTS OF ITEM NO. 28	1075125 (524–SO)
CONVERSION KIT (POSITION INDICATOR) CONSISTS OF ITEM NO'S 29 THRU 36	1079643 (K524–PICN)

REPAIR PARTS KITS	
DESCRIPTION	PART NO.
INT. PARTS KIT (LIMIT STOP) CONSISTS OF ITEM NO'S 18 THRU 21	1075111 (524–LS)
INT. PARTS KIT (NORM. CLOSED) CONSISTS OF ITEM NO'S 2,5,10,11,24,25,26	1076307 (K524–RGN)
INT. PARTS KIT (SPRING ASSIST CLOSED) CONSISTS OF ITEM NO. 27	1075124 (524–SC)
INT. PARTS KIT (SPRING ASSIST OPEN) CONSISTS OF ITEM NO. 28	1075125 (524–SO)
INT. PARTS KIT (POSITION INDICATOR) CONSISTS OF ITEM NO'S 29 THRU 35	1077591 (524–PIN)

REV	DESCRIPTION	ECO	DWN	DATE	APVD
F	UPDATED O–RING P/N'S	1635	MSM	13JAN06	

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