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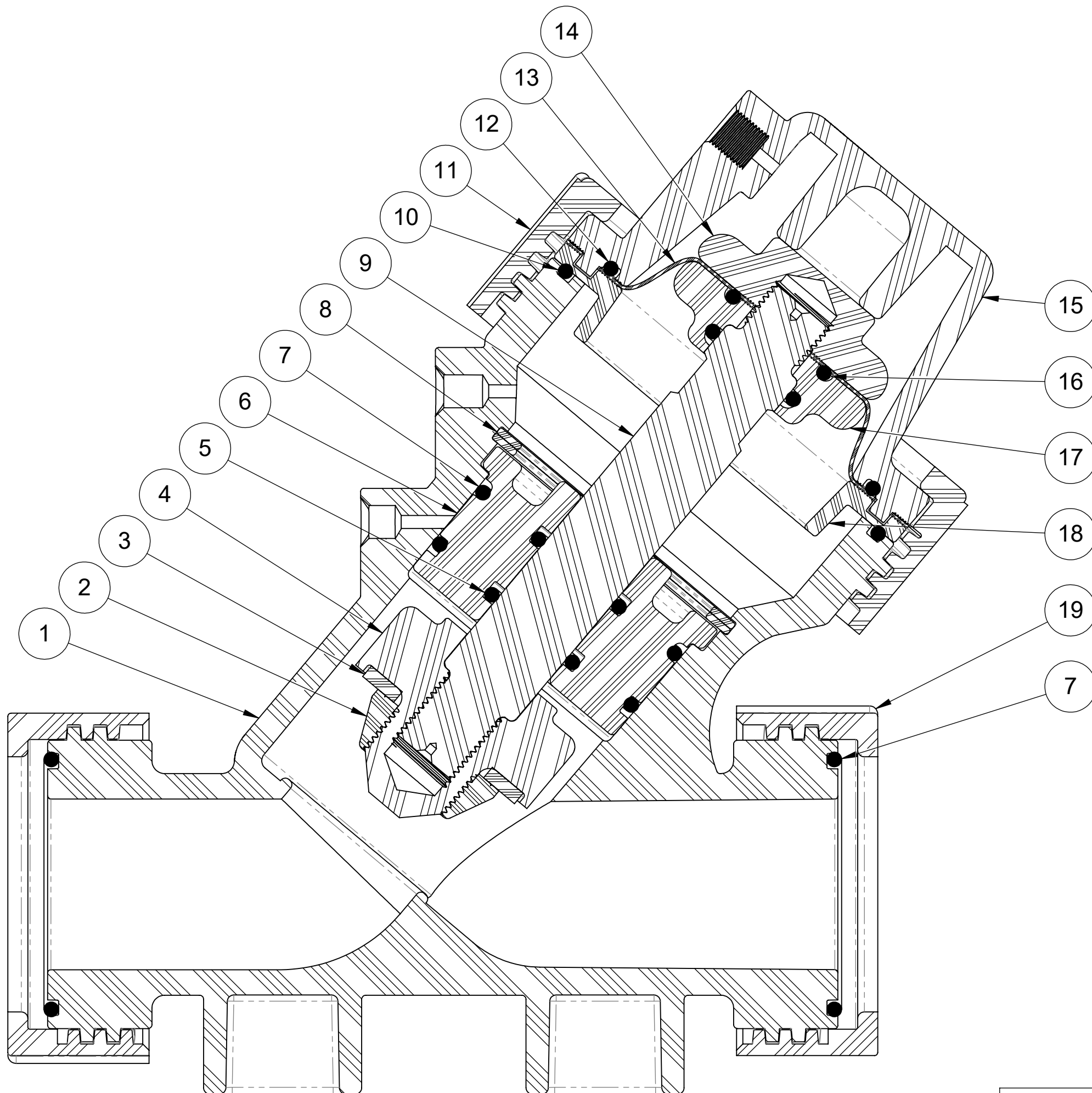
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REVISIONS				
REV	ECN	DESCRIPTION	DATE	APP'D
N		PUT LOGO ON VALVE BODY, CORRECT MINOR ERRORS	8/16/2018	KJB
P	1716	EXTERNAL REFERENCE REDRAW, REM'D 1073557 & 1071827, SECTION HATCHING UPDATE, BOM REORDERED	7/21/2020	PMJ
R	1908	ADDED BALLOON TO END RETAINER O-RING (7)	6/9/2021	PMJ
T	1979	REPLACED P/N 1073375 WITH 4510753	12/10/2021	PMJ

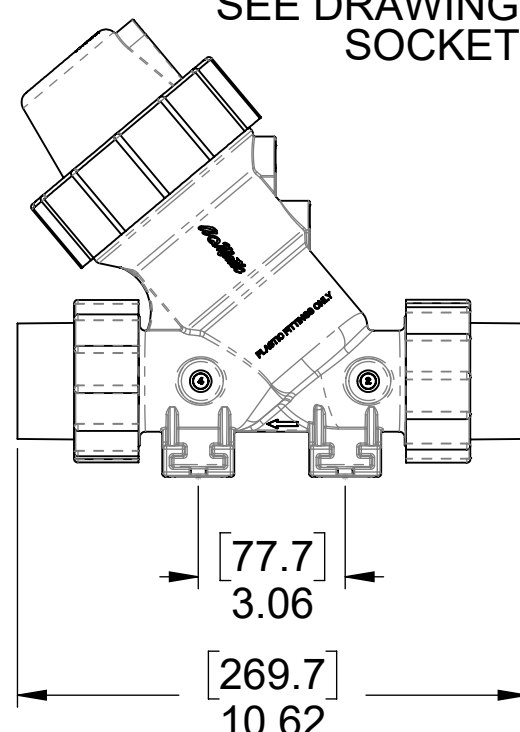
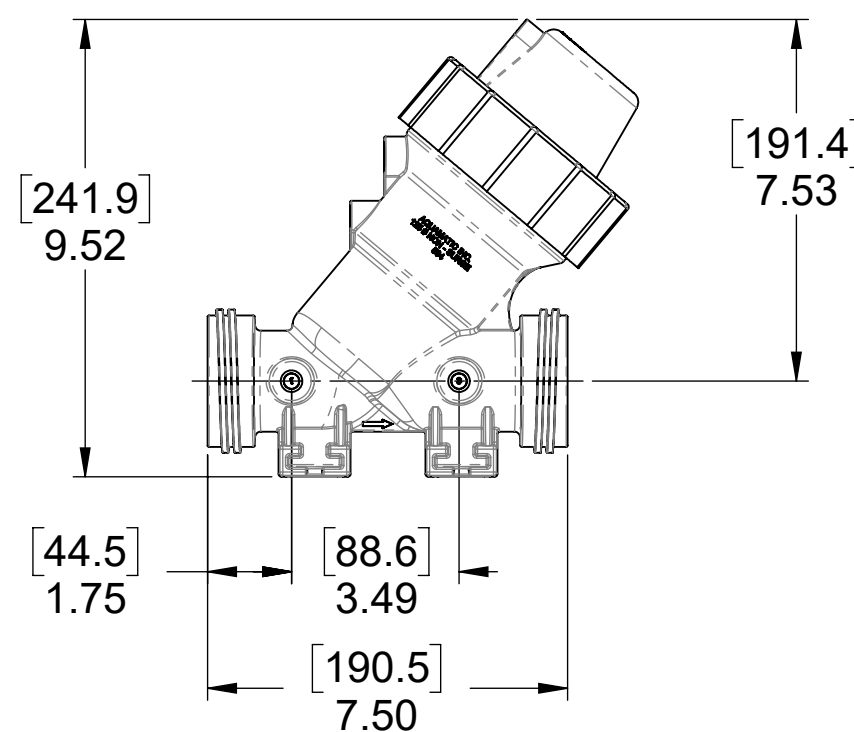
BILL OF MATERIALS

ITEM	PART NO	MODEL	DESCRIPTION	QTY
1	1073344	V534-410K	VALVE BODY	1
2	1073330	V534-093	PLATE, DISC, 534, PVC, MCHD	1
3	1073337	V534-110	DISC, 534	1
	1073339	V534-112		
	1073338	V534-111		
4	1073353	V534-500	DISC HOLDER, 534	1
5	1071745	ORE-212	O-RING, 2-212	3
	1071816	ORV-212		
	1071777	ORJ-212		
6	1073350	V534-491	GUIDE, SHAFT, 534	1
7	1071751	ORE-228	O-RING, 2-228	4
	1071822	ORV-228		
	1071781	ORJ-228		
8	4510753	V534-593	RING, RETAINING, 534	1
9	1073360	V534-533	SHAFT, 534	1
10	1071709	ORB-240	O-RING, 2-240	1
11	1073458	V537-080K	NUT, RETAINING, 537, NORYL	1
12	1071707	ORB-235	O-RING, 2-235	1
13	1073333	V534-100	DIAPHRAGM, SERIES 534	1
14	1073318	V534-040	PLATE, DIAPHRAGM, UPR, 534	1
15	1073317	V534-020K	CAP, VALVE, 534	1
16	1076766	ORB-214	O-RING, 2-214	1
17	1073320	V534-045	PLATE, DIAPHRAGM, LWR, 534	1
18	1073366	V534-551K	SUPPORT, DIAPHRAGM, 534	1
19	1073329	V534-080K	NUT, RETAINING, 534	2



1070308 (K534-X200-14000)
NORMALLY OPEN (STANDARD)

CONNECTORS NOT FURNISHED WITH VALVE.
SEE DRAWING 1084006 FOR FEMALE
SOCKET WELD CONNECTORS.



ASSEMBLY TOOLS	
DESCRIPTION	PART NO.
LIMIT STOP TOOL (NOT SHOWN)	1073556 (V560-579)

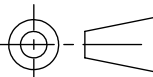
REPAIR PARTS KITS

DESCRIPTION	PART NO.		
DIAPHRAGM & SEALS KIT CONSISTS OF ITEM NO'S 3, 5, 7, 10, 12, 13, 16	EPDM 1070319 (534-RAF) INCLUDES DIAPHRAGM 1073333	FKM 3003017 (534-RAVBF) INCLUDES DIAPHRAGM 1073333	BUTYL 1070327 (534-RAJ) INCLUDES DIAPHRAGM 1073333
	1070343 (K534-RF)		
INT. PARTS KIT CONSISTS OF ITEM NOS'S 2, 4, 6, 8, 9, 14, 17, 18			

SEE PAGE 2 FOR CONFIGURATION OPTIONS

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PER ASME Y14.5M -1994
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES (mm)
CORNER FILLETS R.005-.020 (.127-.508)
TOLERANCES:
ANGLES : ± 1°
1 PLACE .X: ± .100 (2.54)
2 PLACE .XX: ± .010 (0.25)
3 PLACE .XXX: ± .005 (0.13)

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R	THIRD ANGLE PROJECTION				 AQ-MATIC VALVES AND CONTROLS
	APPROVALS		DATE		
	DRAWN PMJ		7/21/2020		
	CHECKED BY				
	APPROVED				
DESCRIPTION			CATALOG SHEET, 534		
SIZE C		DWG NO. 1077689		REV. T	
SCALE 1:1		SOLIDWORKS FORMAT		SHEET 1 OF 2	

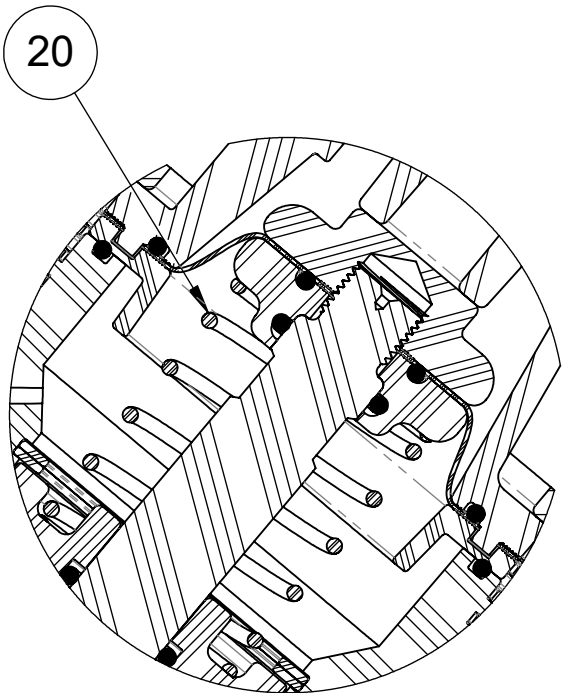
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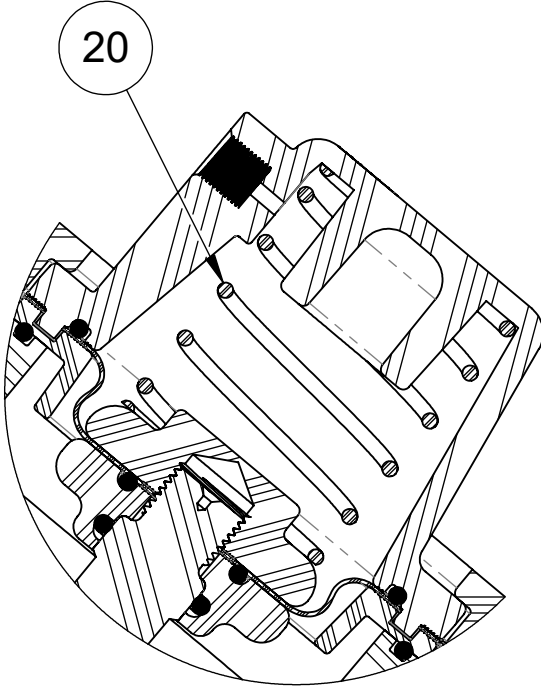
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REVISIONS				
REV	ECN	DESCRIPTION		DATE
		SEE SHEET 1 FOR LIST OF CHANGES		APP'D



1071329 (K534-X201-14000)
SPRING ASSIST OPEN



1071332 (K534-X202-14000)
SPRING ASSIST CLOSED

**SPRING ASSIST CLOSED MODEL &
SPRING ASSIST OPEN MODEL**

ITEM	PART NO.	MODEL	DESCRIPTION	QTY
20	1073340	V534-170	SPRING, COMPRESSION, 534	1

LIMIT STOP MODEL

ITEM	PART NO.	MODEL	DESCRIPTION	QTY
21	1073345	V534-420K	CAP, 1-12 VALVE LS/PI, V534	1
22	1071673	ORB-018	O-RING, 2-018	BUNA N 1
23	1073368	V534-570	GUIDE, LS/PI, 534	1
24	1071668	ORB-012	O-RING 2-012	BUNA N 1
25	1073373	V534-576	SCREW, LIMIT STOP, 534	1

**LIMIT STOP
POSITION INDICATOR MODEL**

ITEM	PART NO.	MODEL	DESCRIPTION	QTY
21	1073345	V534-420K	CAP, 1-12 VALVE LS/PI, V534	1
22	1071673	ORB-018	O-RING, 2-018	BUNA N 1
23	1073368	V534-570	GUIDE, LS/PI, 534	1
24	1071668	ORB-012	O-RING 2-012	BUNA N 1
26	1073362	V534-535	SHAFT, PI, 534	1
27	1073346	V534-442	PLATE, DIAPHRAGM, UPR, 534	1
28	1071666	ORB-006	O-RING, 2-006	BUNA N 1
29	1081128	V534-700	SCREW, LIMIT STOP, ASSY., 534	1
30	1073367	V534-555	ROD, PI, 534	1
31	1073365	V534-550	PI SIGHT GLASS, 534	1

SEE SHEET 1 FOR STANDARD
NORMALLY OPEN MODEL

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THIRD ANGLE PROJECTION				
APPROVALS		DATE		
DRAWN		7/21/2020		
CHECKED BY				
APPROVED				
DESCRIPTION		CATALOG SHEET, 534		
SIZE		DWG NO.		REV.
C		1077689		T
SCALE		1:2	SOLIDWORKS FORMAT	SHEET 2 OF 2

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REPAIR PARTS KITS

DESCRIPTION	PART NO.
INT. PARTS KIT (SPRING ASSIST CLOSED) CONSISTS OF ITEM NO. 20	1075233 (534-S)
INT. PARTS KIT (SPRING ASSIST OPEN) CONSISTS OF ITEM NO. 20	
INT. PARTS KIT (LIMIT STOP) CONSISTS OF ITEM NO.'S 22 THRU 25	1075230 (534-LS)
INT. PARTS KIT (LIMIT STOP / POS. INDICATOR) CONSISTS OF ITEM NO.'S 22 THRU 24 & 26 THRU 31	1075231 (534-PI)

CONVERSION PARTS KITS

DESCRIPTION	PART NO.
CONVERSION KIT (SPRING ASSIST CLOSED) CONSISTS OF ITEM NO 20	1075233 (534-S)
CONVERSION KIT (SPRING ASSIST OPEN) CONSISTS OF ITEM NO 20	
CONVERSION KIT (LIMIT STOP) CONSISTS OF ITEM NO.'S 12 & 21 THRU 25	1071308 (K534-LSC)
CONVERSION KIT (POSITION INDICATOR) CONSISTS OF ITEM NO.'S 12, 21 THRU 24 & 26 THRU 31	1071309 (K534-PIC)