

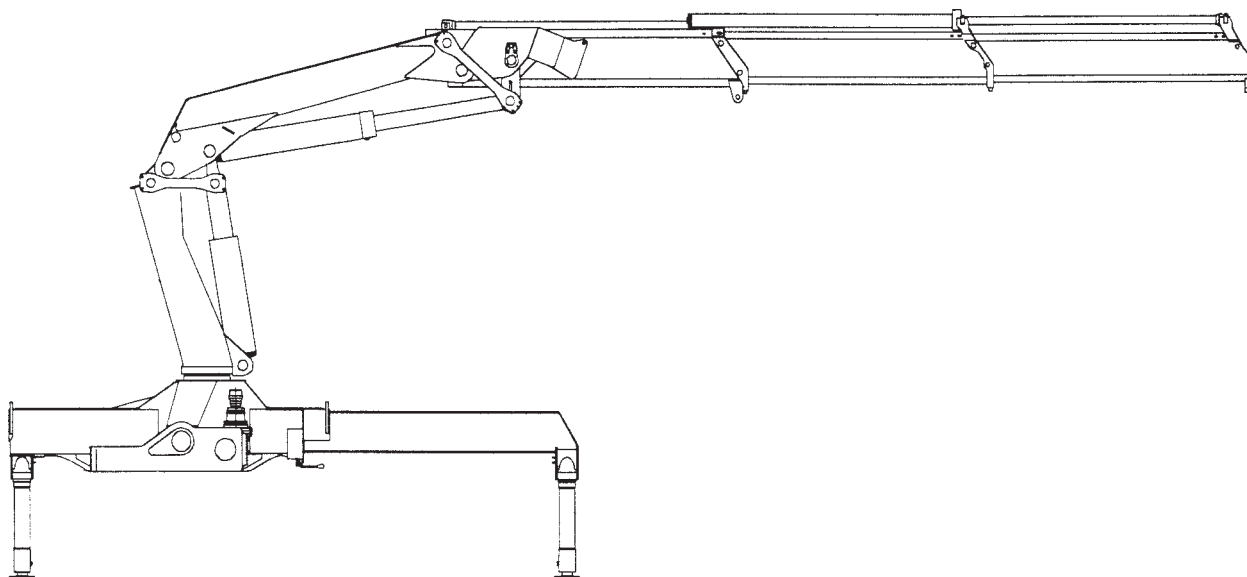
IMT

MATERIAL HANDLING SYSTEMS

Repair Parts

Model 25/180 Crane

Model 28/198 Crane



IOWA MOLD TOOLING CO., INC.

BOX 189, GARNER, IA 50438-0189

641-923-3711

TECHNICAL SUPPORT FAX: 641-923-2424

MANUAL PART NUMBER: 99903217

Iowa Mold Tooling Co., Inc. is an Oshkosh Corporation company.

In addition to the information presented in this manual, read and understand the IMT Crane Operator's Safety Manual before operating or performing any maintenance on your crane.

REVISIONS LIST

DATE	LOCATION	DESCRIPTION OF CHANGE
-		
20021202	30	CORRECTED CYLINDER PART NO - CORRECT NO. IS 6292320
20030721	52	UPDATED MTG. FITTINGS PARTS LIST
20050801	52	ADDED 72062330 WASHERS TO MOUNTING FITTINGS
20070228	COVER	UPDATED OWNERSHIP STATEMENT
20070426	65,66	ECN 10431 - 99903228, 99903229 - UPDATED DECAL DESIGN, PLACEMENT
20080505	6	PLANETARY GEAR - GROUPED #2 & #10 VALVE, WHICH COME AS AN ASSEMBLY
	40	UPDATED PIPE #26
20120305	1-4,29,30,65	ECN 11628 - UPDATED STABILIZER WORDING

TABLE OF CONTENTS

REVISIONS LIST	2	DUAL CONTROL	36
INTRODUCTION	4	HYD SYS-PUMP & TANK-RSQ 240	37
BASE	5	HYD SYS-PUMP & TANK-DANFOSS	38
PLANETARY GEAR	6	HYD SYS-PLANETARY GEAR	39
MAST (COLUMN) W/ LINK ARM SYSTEM	7	HYD SYS-INNER BOOM CYLINDER	40
MAIN (INNER) BOOM W/LINK ARM SYSTEM	8	HYD SYS-OUTER (JIB) CYLINDER	41
OUTER (JIB) BOOM	9	HYD SYS-EXT CYLINDER K1	42
EXTENSION BOOM-K1	10	HYD SYS-EXT CYLINDER K2	43
EXTENSION BOOM-K2	11	HYD SYS-EXT CYLINDER K3	44
EXTENSION BOOM-K3	12	HYD SYS-EXT CYLINDER K4	45
EXTENSION BOOM-K4	13	HYD SYS-EXT CYLINDER K5	46
EXTENSION BOOM-K5	14	HYD SYS-EXT CYLINDER K6	47
EXTENSION BOOM-K6	15	HYD SYS-EXT CYLINDER K7	48
EXTENSION BOOM-K7	16	HYD SYS-EXT CYLINDER K8	49
EXTENSION BOOM-K8	17	HYD SYS-STABILIZER-TYPE SR	50
HOOK SUSPENSION	18	HYD SYS-BEAM CYL-TYPE S	51
INNER BOOM CYLINDER-C200-710	19	MOUNTING FITTINGS	52
OUTER BOOM (JIB) CYLINDER-C170-1065	20	VALVE GROUP-2 SECT RM232	53
EXTENSION CYLINDER-C85-1850 K1	21	VALVE GROUP-4 SECT RM234	54
EXTENSION CYLINDER-C85-1950 K2	22	EXTRA VALVES-K2	55
EXTENSION CYLINDER-C85-2050 K3	23	EXTRA VALVES-K3 (1 OF 2)	56
EXTENSION CYLINDER-C85-2050 K4	24	EXTRA VALVES-K3 (2 OF 2)	57
EXTENSION CYLINDER-C80-2150 K5	25	EXTRA VALVES-K4 (1 OF 2)	58
EXTENSION CYLINDER-C80-2150 K6	26	EXTRA VALVES-K4 (2 OF 2)	59
EXTENSION CYLINDER-C70/45H-2100 K7	27	EXTRA VALVES-K5 (1 OF 2)	60
EXTENSION CYLINDER-C70/45H-2100 K8/K7	28	EXTRA VALVES-K5 (2 OF 2)	61
STABILIZER CYLINDER-C100-650 TYPE R	29	EXTRA VALVES-K6 (1 OF 2)	62
STABILIZER ARM (BEAM) CYLINDER-C32-1950	30	EXTRA VALVES-K6 (2 OF 2)	63
STABILIZER BEAM-TYPE SR	31	CAM DISCS	64
VALVE BLOCK RSQ 246	32	DECAL KIT-25/180 (95716099)	65
VALVE BLOCK RSQ 244	33	DECAL KIT-28/198 (95716388)	66
VALVE GROUP PVG 32	34		
VALVE BRACKETS	35		

INTRODUCTION

GENERAL

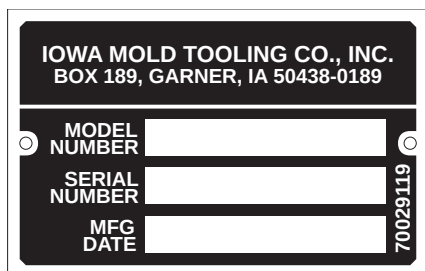
This manual contains the parts drawings with accompanying parts lists for the assemblies used on this crane. These drawings are intended to be used in conjunction with the instructions found in the Instruction Manual.

WARNING

DO NOT ATTEMPT TO REPAIR ANY COMPONENT WITHOUT READING THE INFORMATION CONTAINED IN THE INSTRUCTION MANUAL. PAY PARTICULAR ATTENTION TO THE WARNINGS, CAUTIONS AND NOTES CONTAINED IN THAT MANUAL. FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN DAMAGE TO THE EQUIPMENT, AN INJURY OR EVEN DEATH.

CRANE IDENTIFICATION

Every crane has a serial number placard attached to the mast. When ordering parts, communicating warranty information or referring to the unit in correspondence, always include the assigned serial number and model number as shown on the serial number placard.



SERIAL NUMBER PLACARD

ORDERING REPAIR PARTS

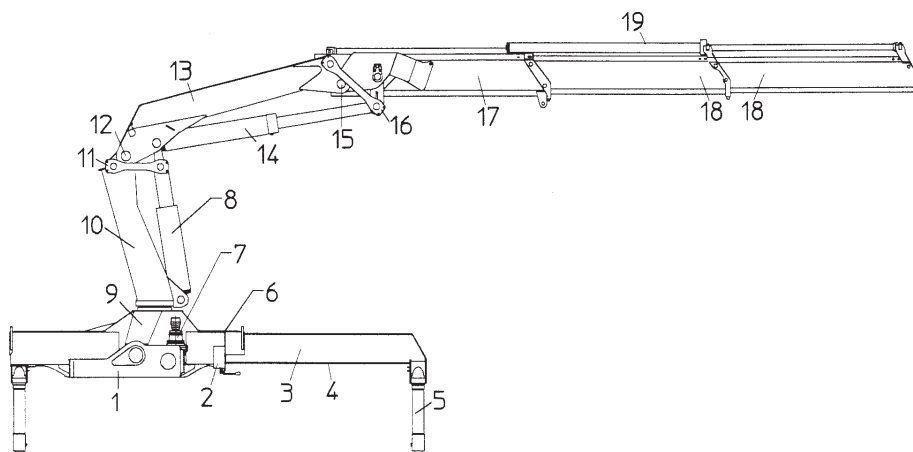
When ordering replacement parts:

1. Give the model number of the unit.
2. Give the serial number of the unit.
3. Specify the complete part number. When ordering complete cylinders or assemblies, identify the cylinder or assembly by name.
4. Give a complete description of the part.
5. Specify the quantity required.

All inquiries should be addressed to:

Iowa Mold Tooling Co., Inc.
Box 189, Garner, IA 50438-0189
Telephone: 641-923-3711
Technical Support Fax: 641-923-2424

1. Suspension traverse
2. Control valve block
3. Stabilizer arm/beam
4. Stabilizer arm cylinder
5. Stabilizer leg
6. Rotation/Slewing cylinder
7. Planetary gear
8. Inner Boom cylinder
9. Base
10. Mast/Column
11. Link arm, jib
12. Hinge pin
13. Inner/Main boom
14. Outer/Jib cylinder
15. Outer/Jib pin
16. Link arm, Outer/Jib
17. Outer boom/Jib
18. Extension booms
19. Extension cylinder



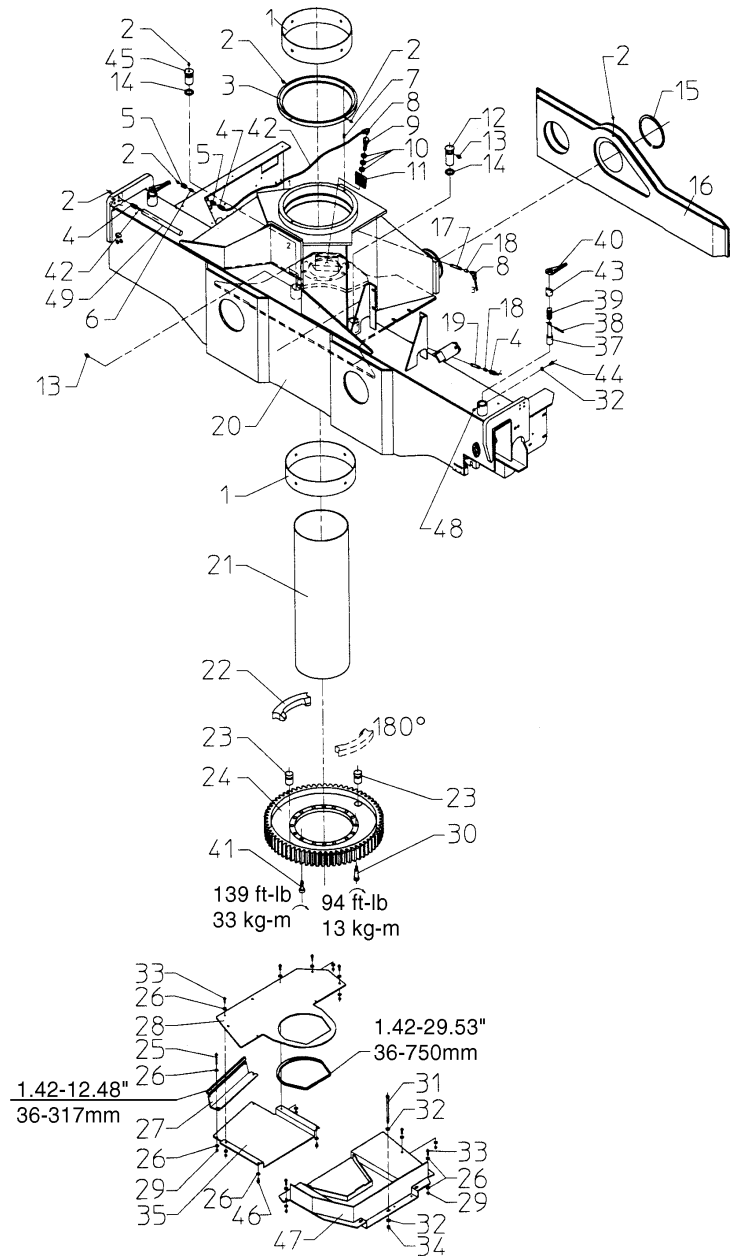
COMPONENT REFERENCE

25/180: 511 01 010: 20001110

BASE

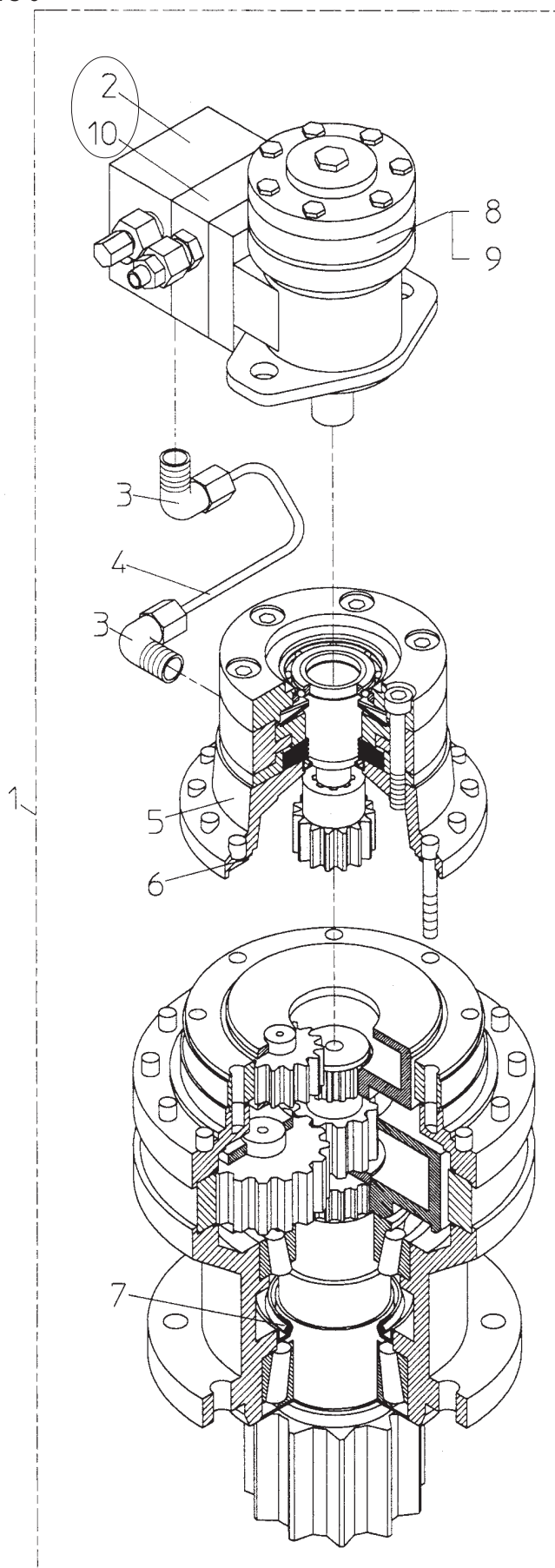
1.	23 912	BUSHING PM31880DX	2
2.	31 318	ZERK 1/8"	9
3.	63 845	BEARING	1
4.	26 189	CONNECTION PGEV6LR-WD	7
5.	25 870	SOCKET 1/8 20BP02	2
6.	25 470	LUBRICATOR PIPE	1
7.	31 233	RETAINING PIN Ø8X18	2
8.	26 186	ELBOW CONN PWEK6LRK	3
9.	62 94 614	NIPPLE	1
10.	25 354	COUNTER NUT 1/4"	3
11.	31 395	BRUSH	1
12.	62 92 824	BOLT-SLEWING STOP	1
13.	30 105	SET SCREW M8X10	2
14.	20 151	O-RING 34.59X2.62	2
15.	33 153	CIRCLIP 150U	1
16.	62 91 772	SUSPENSION TRAVERSE	1
17.	25 381	LUBRICATOR PIPE 1/8X60	2
18.	25 365	SOCKET 1/8"	4
19.	25 380	LUBRICATOR PIPE 1/8X50	2
20.	62 91 001	BASE	1
21.	63 705	MAST PIPE	1
22.	62 92 803	CAM DISK	1
23.	62 92 814	BOLT-SLEWING STOP	2
24.	24 507	PINION 62 91 312	1
25.	30 119	STEEL BOLT M6X50	2
26.	31 134	WASHER 6MM	20
27.	62 94 534	HOSE GUIDE	1
28.	62 97 982	PROTECTIVE PLATE	1
29.	30 884	LOCK NUT M6	11
30.	31 988	TIGHT FTG BOLT M12/16X50	8
31.	30 149	STEEL BOLT M8X140	1
32.	31 136	WASHER 8MM	2
33.	30 113	SET SCREW M6X20	8
34.	30 886	LOCK NUT M8	1
35.	62 97 992	PROTECT PLT-BTM FRONT	1
36.	22 122	CLAMP PROFILE	
37.	62 23 084	LOCK PIN	
38.	31 210	RETAINING RING Ø6X36	
39.	33 305	SPRING 61 75 384	
40.	62 33 524	LEVER	
41.	30 476	SCREW MC16X45	8
42.	62 821	NYLON PIPE	
43.	62 33 504	HOUSING	
44.	30 131	SET SCREW M8X16	
45.	62 97 884	PLUG	1
46.	30 111	SET SCREW M6X12	2
47.	62 98 032	PROTECTIVE PLATE	1
48.	31 328	LUBRICATOR M6X1-0	1
49.	27 580	FLEXIBLE PIPE	

PARTS-5



PLANETARY GEAR

1.	60 501	PLANETARY GEAR	1
2.	REF	VALVE (PART OF 10)	1
3.	58 794	PIPE	2
4.	58 795	PIPE	1
5.	58 799	BRAKE	1
6.	58 798	SEAL KIT	1
7.	58 790	SEAL KIT	1
8.	58 797	MOTOR	1
9.	58 796	SEAL KIT	1
10.	58 792	VALVE (INCL 2)	1

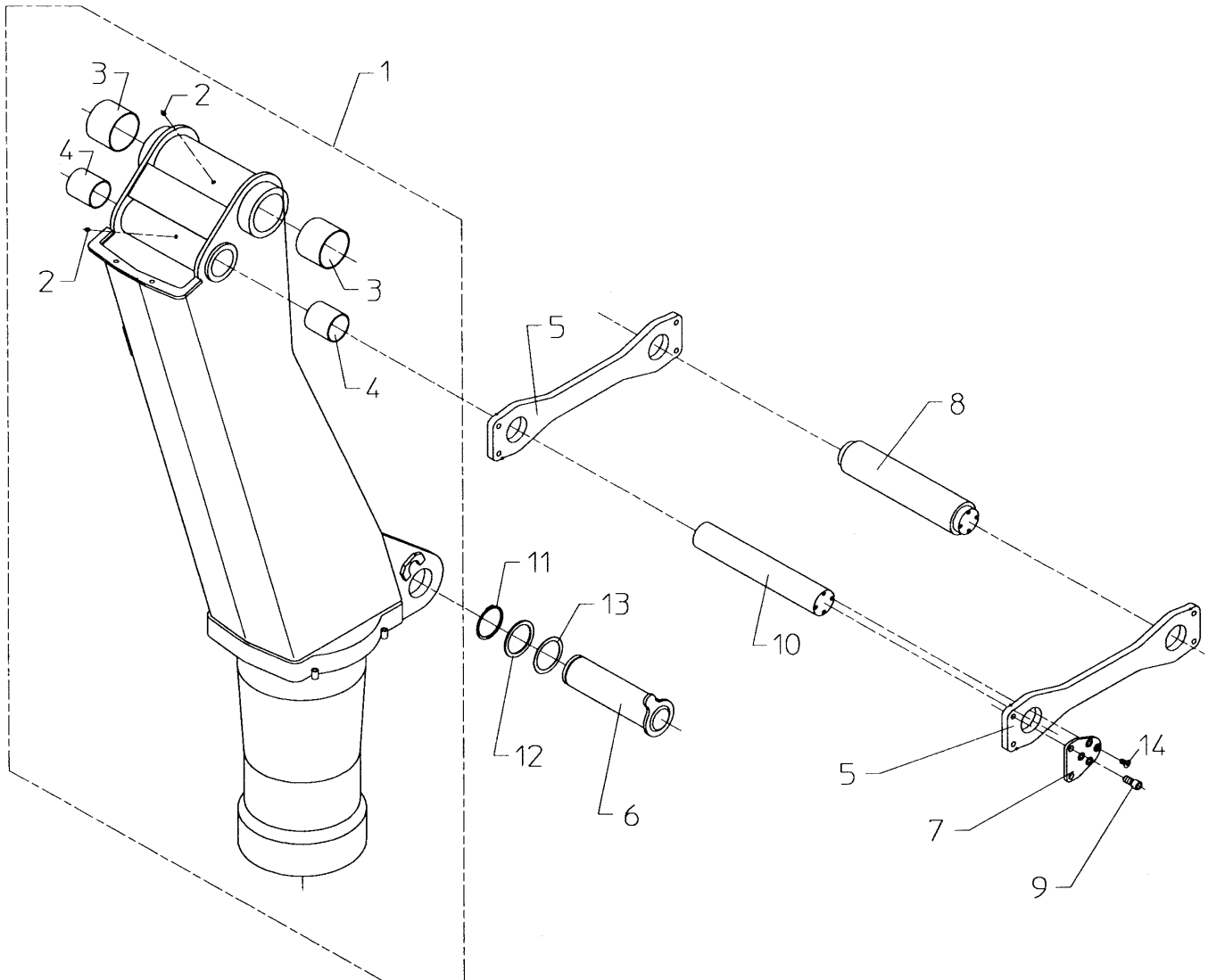
PARTS-6

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PARTS-7

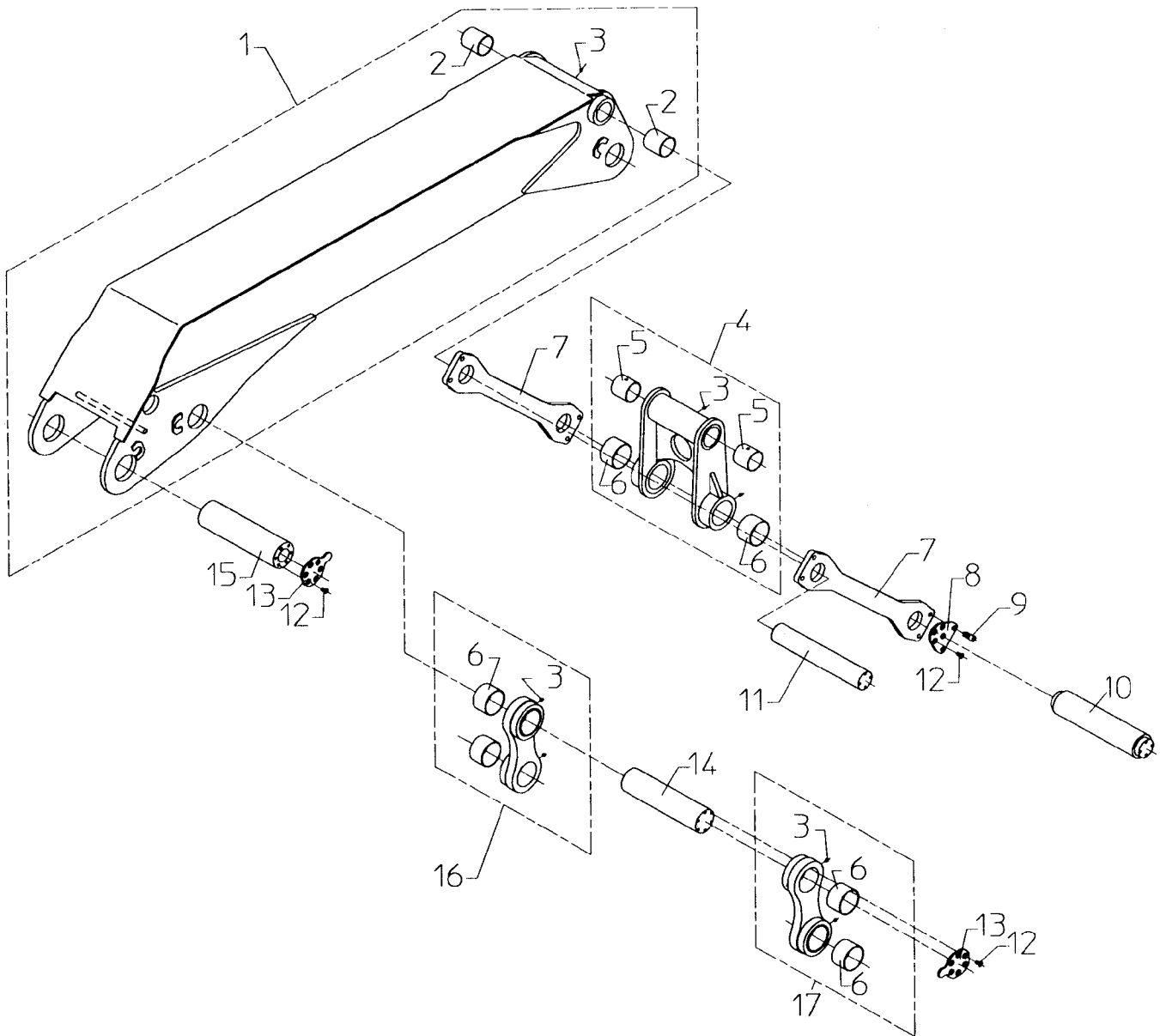
MAST (COLUMN) W/ LINK ARM SYSTEM

1.	62 91 441	MAST	1
2.	31 318	ZERK 1/8"	
3.	23 350	BUSHING PM10080DX	
4.	23 357	BUSHING PM7080DX	
5.	63 60 073	LINK ARM	2
6.	61 68 084	PIN	1
7.	63 70 124	LOCK PLATE	4
8.	63 70 144	PIN	1
9.	32 419	SCREW MCX30	8
10.	63 70 133	PIN	1
11.	33 143	CIRCLIP 80U	1
12.	33 244	BACK RING 80X100X3.5	1
13.	33 247	WASHER PS80X100X1.0	1
14.	30 545	SCREW MK10X20	16



MAIN (INNER) BOOM W/LINK ARM SYSTEM

1.	62 97 820	MAIN BOOM-COMPLETE	1
2.	23 357	BUSHING PM7080DX	
3.	31 318	ZERK 1/8"	
4.	63 60 093	PUSH ROD	1
5.	23 338	BUSHING PM7070DX	
6.	23 321	BUSHING PM9060DX	
7.	63 60 083	LINK ARM	2
8.	63 70 124	LOCK PLATE	4
9.	32 419	SCREW MC16X30	8
10.	63 70 144	PIN	1
11.	63 70 133	PIN	1
12.	30 545	SCREW MK10X20	40
13.	62 91 914	LOCK PLATE	4
14.	62 91 814	PIN	1
15.	62 91 834	PIN	1
16.	63 60 104	PUSH ROD	1
17.	63 60 114	PUSH ROD	1

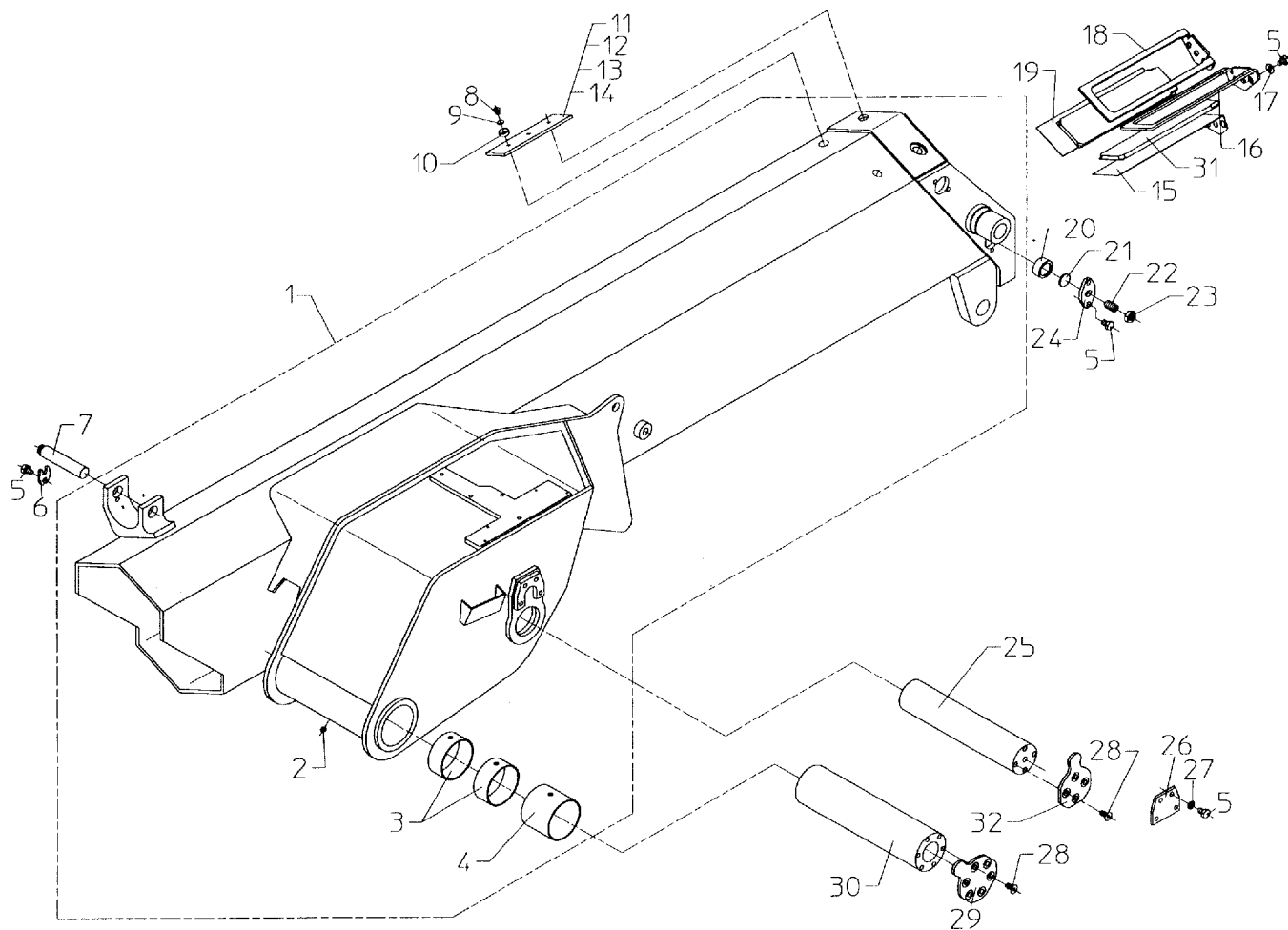


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OUTER (JIB) BOOM

PARTS-9

1.	62 97 830	OUTER BOOM (JIB)-COMPL	1	16.	62 99 023	BRACKET LH	1
2.	31 318	ZERK 1/8"		17.	31 172	WASHER 10MM	6
3.	23 347	BUSHING PM9040DX		18.	62 99 013	BRACKET RH	1
4.	23 358	BUSHING PM 9080DX		19.	62 93 693	SHIM RH	
5.	30 152	SET SCR M10X14	19	20.	63 844	SLIDE BLOCK 62 94 004	4
6.	60 92 794	LOCK PLATE	1	21.	61 82 334	PLATE	4
7.	62 92 784	PIN	1	22.	30 598	POINTED SCREW MSP16X25	4
8.	30 597	C'SUNK SCREW MK8X12	4	23.	30 821	COUNTER NUT M16	4
9.	31 170	LOCK WASHER 8MM	4	24.	62 93 954	LOCK PLATE	4
10.	62 32 974	LOCK WASHER	4	25.	63 70 154	PIN	1
11.	62 94 434	SPACER 5MM		26.	60 97 684	LOCK PLATE	1
12.	61 93 304	SPACER 6MM		27.	31 156	SPRING WASHER 10MM	4
13.	61 93 314	SPACER 8MM		28.	30 545	SCREW MK10X20	16
14.	62 35 944	SPACER 7MM		29.	62 91 914	LOCK PLATE	2
15.	62 93 703	SHIM LH		30.	62 91 824	PIN	1
				31.	63 760	SLIDE BLOCK	2
				32.	62 57 354	LOCK PLATE	1

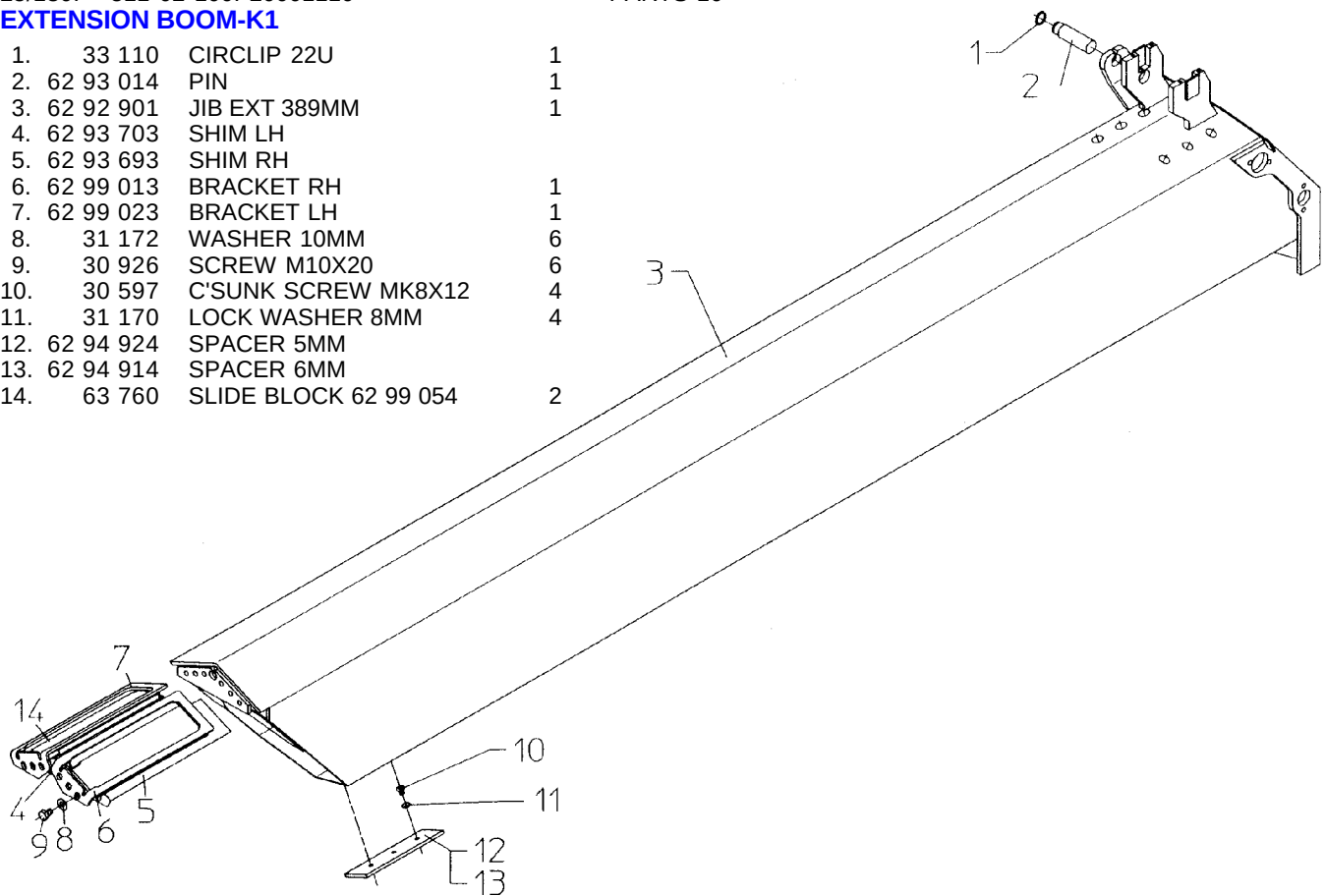


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PARTS-10

EXTENSION BOOM-K1

1.	33 110	CIRCLIP 22U	1
2.	62 93 014	PIN	1
3.	62 92 901	JIB EXT 389MM	1
4.	62 93 703	SHIM LH	
5.	62 93 693	SHIM RH	
6.	62 99 013	BRACKET RH	1
7.	62 99 023	BRACKET LH	1
8.	31 172	WASHER 10MM	6
9.	30 926	SCREW M10X20	6
10.	30 597	C'SUNK SCREW MK8X12	4
11.	31 170	LOCK WASHER 8MM	4
12.	62 94 924	SPACER 5MM	
13.	62 94 914	SPACER 6MM	
14.	63 760	SLIDE BLOCK 62 99 054	2



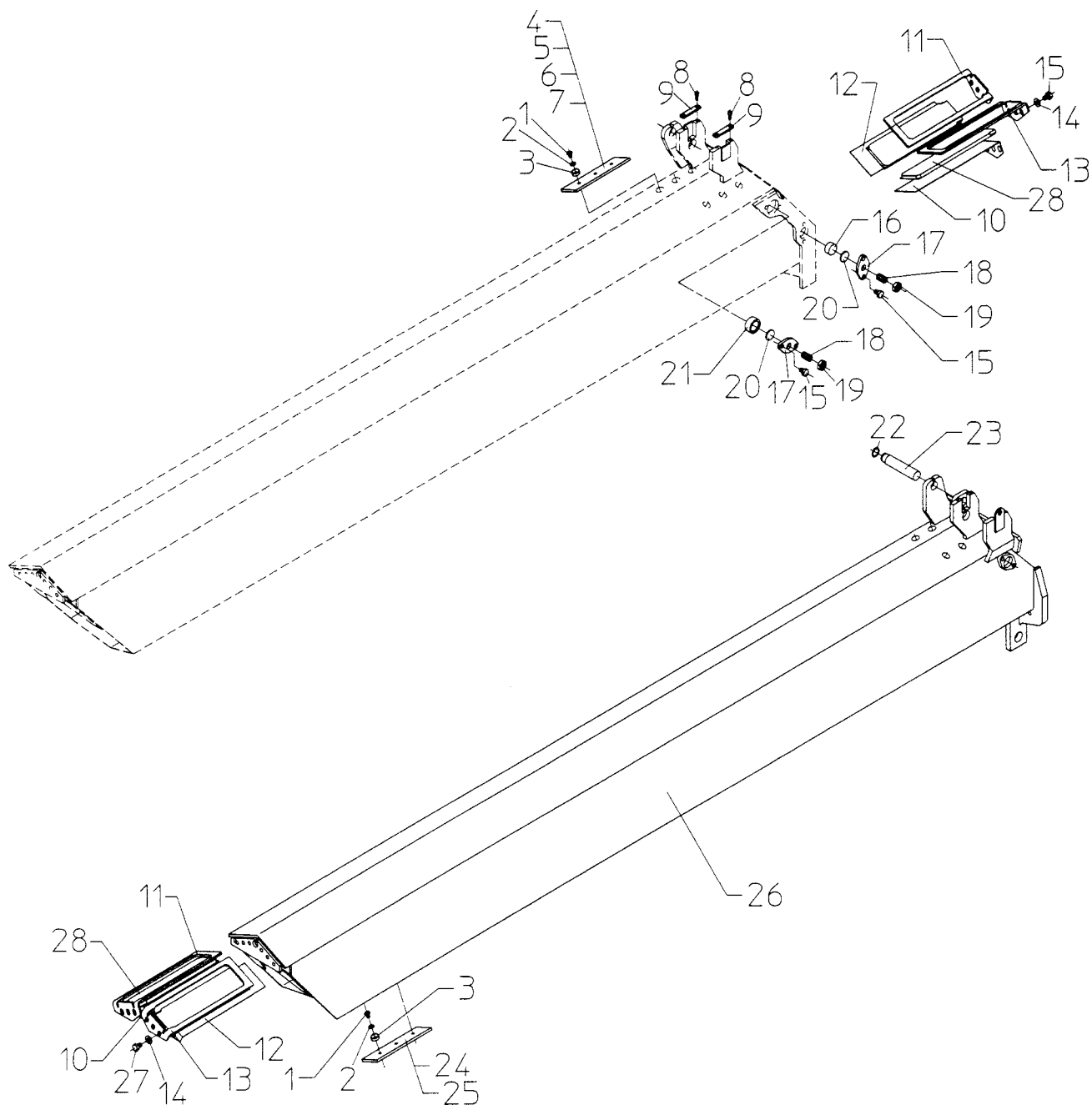
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EXTENSION BOOM-K2

1.	30 597	SCR-C'SNK MK8X12	8
2.	31 170	LOCK WASHER 8MM	8
3.	62 32 974	LOCK WASHER	8
4.	62 94 434	SPACER 5MM	
5.	61 93 304	SPACER 6MM	
6.	62 35 944	SPACER 7MM	
7.	61 93 314	SPACER 8MM	
8.	31 539	SCREW MC6X16	4
9.	61 82 924	LOCK PLATE	2
10.	62 93 703	SHIM LH	
11.	62 99 023	BRACKET LH	2
12.	62 93 693	SHIM RH	

PARTS-11

13.	62 99 013	BRACKET RH	2
14.	31 172	WASHER 10MM	12
15.	30 152	SET SCREW M10X14	14
16.	64 096	SLIDE BLOCK 60 82 064	2
17.	62 93 954	LOCK PLATE	4
18.	30 598	POINTED SCREW MSP16X25	4
19.	30 821	COUNTER NUT M16	4
20.	61 82 334	PLATE	4
21.	63 844	SLIDE BLOCK 62 94 004	2
22.	33 110	CIRCLIP 22U	1
23.	62 93 684	PIN	1
24.	62 94 924	SPACER 5MM	
25.	62 94 914	SPACER 6MM	
26.	62 93 021	JIB EXT 355MM	1
27.	30 926	SCREW M10X20	6
28.	63 760	SLIDE BLOCK 62 99 054	4



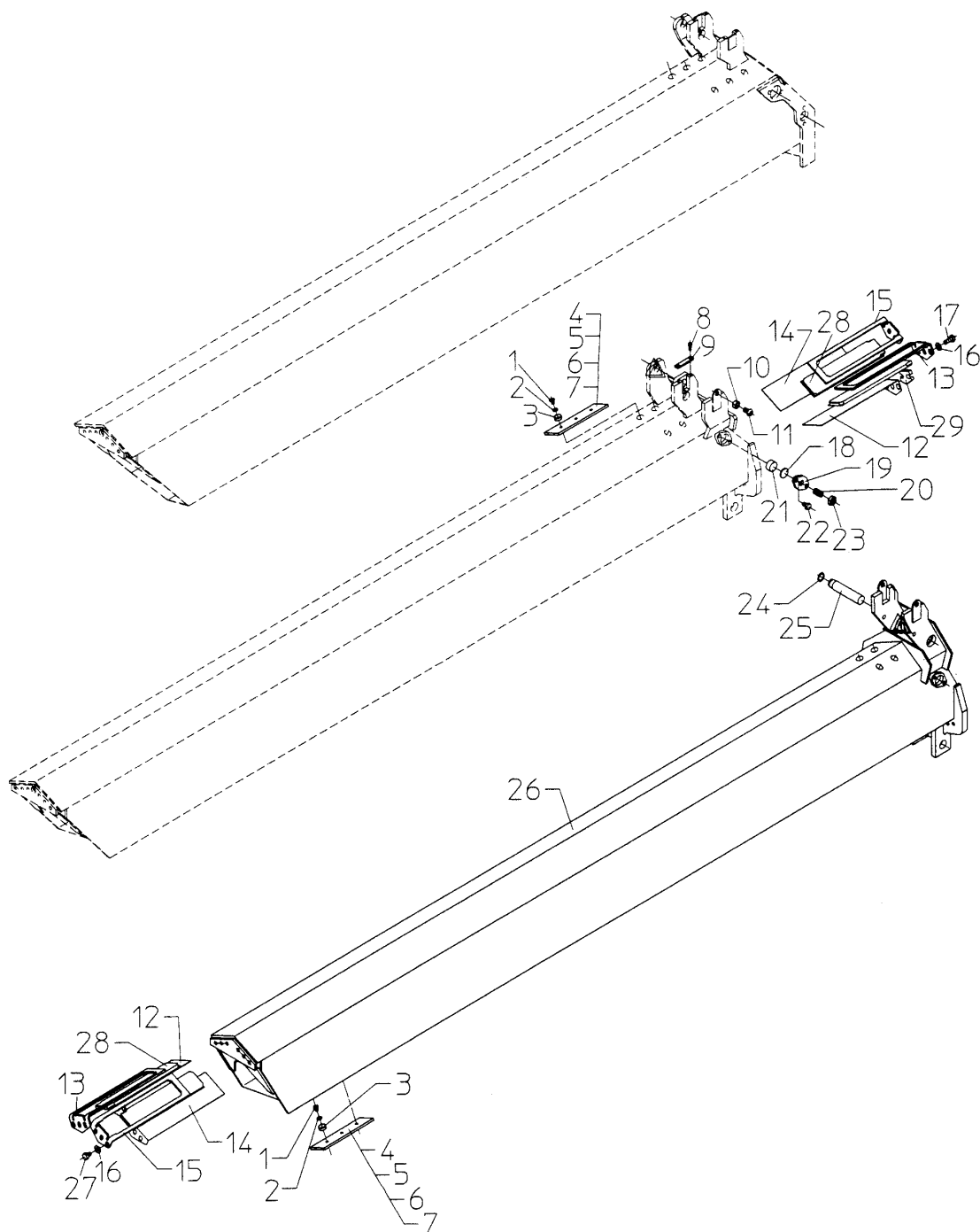
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EXTENSION BOOM-K3

1.	30 597	SCR-C'SNK MK8X12	8
2.	31 170	LOCK WASHER 8MM	8
3.	62 32 974	LOCK WASHER	8
4.	62 94 434	SPACER 5MM	
5.	61 93 304	SPACER 6MM	
6.	62 35 944	SPACER 7MM	
7.	61 93 314	SPACER 8MM	
8.	31 539	SCREW MC6X16	2
9.	61 82 924	LOCK PLATE	1
10.	30 860	NUT M12	1
11.	30 927	SCREW M12X12	1
12.	62 93 703	SHIM LH	
13.	62 99 043	BRACKET LH	2
14.	62 93 693	SHIM RH	

PARTS-12

15.	62 99 033	BRACKET RH	2
16.	31 172	WASHER 10MM	8
17.	30 155	SET SCREW M10X25	4
18.	61 82 334	PLATE	2
19.	62 93 954	LOCK PLATE	2
20.	30 598	POINTED SCREW MSP16X25	2
21.	64 096	SLIDE BLOCK 60 82 064	2
22.	30 152	SET SCREW M10X14	4
23.	30 821	COUNTER NUT M16	2
24.	33 110	CIRCLIP 22U	1
25.	62 93 684	PIN	1
26.	62 93 111	JIB EXT 321.5MM	1
27.	30 926	SCREW M10X20	6
28.	63 761	SLIDE BLOCK 62 99 064	4
29.	62 94 934	SPACER	2



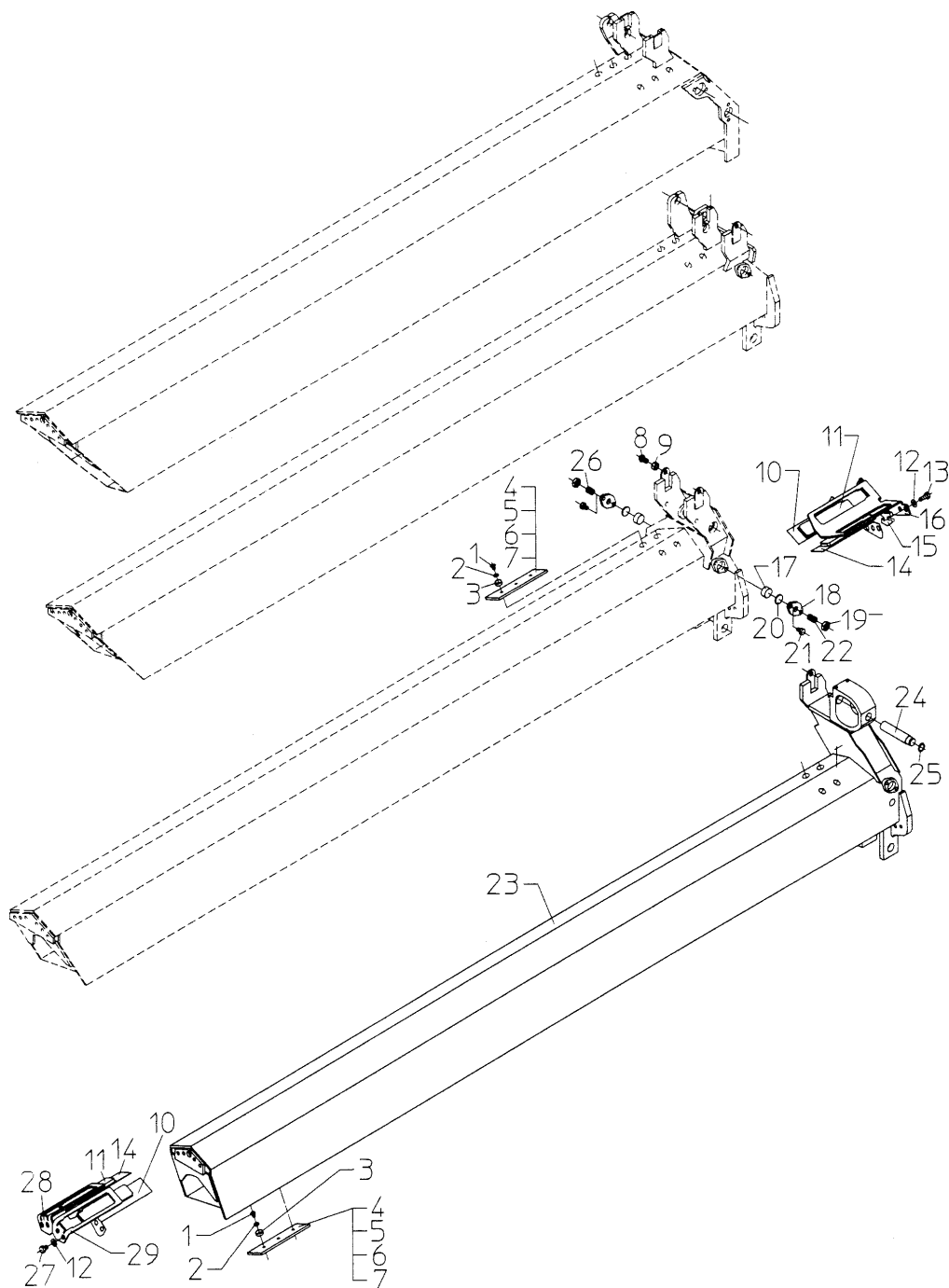
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EXTENSION BOOM-K4

1.	30 597	SCR-C'SNK MK8X12	8
2.	31 170	LOCK WASHER 8MM	8
3.	62 32 974	LOCK WASHER	8
4.	62 94 434	SPACER 5MM	
5.	61 93 304	SPACER 6MM	
6.	62 35 944	SPACER 7MM	
7.	61 93 314	SPACER 8MM	
8.	30 927	SCREW M12X12	2
9.	30 860	NUT M12	2
10.	62 93 713	SHIM RH	
11.	63 762	SLIDE BLOCK	4
12.	31 172	WASHER 10MM	8
13.	30 155	SET SCREW M10X25	4
14.	62 93 723	SHIM LH	1

PARTS-13

15.	62 94 934	SPACER	2
16.	62 99 123	ATTACHMENT-DOUBLE	1
17.	64 096	SLIDE BLOCK 60 82 064	2
18.	62 93 954	LOCK PLATE	2
19.	30 821	COUNTER NUT M16	2
20.	61 82 334	PLATE	2
21.	30 152	SET SCREW M10X14	2
22.	30 598	POINTED SCREW MSP16X25	1
23.	62 93 251	JIB EXT 288MM	1
24.	62 93 684	PIN	1
25.	33 110	CIRCLIP 22U	1
26.	32 424	POINTED SCREW MSP16X20	1
27.	30 926	SCREW M10X20	4
28.	62 99 113	BRACKET LH	1
29.	62 99 103	BRACKET RH	1



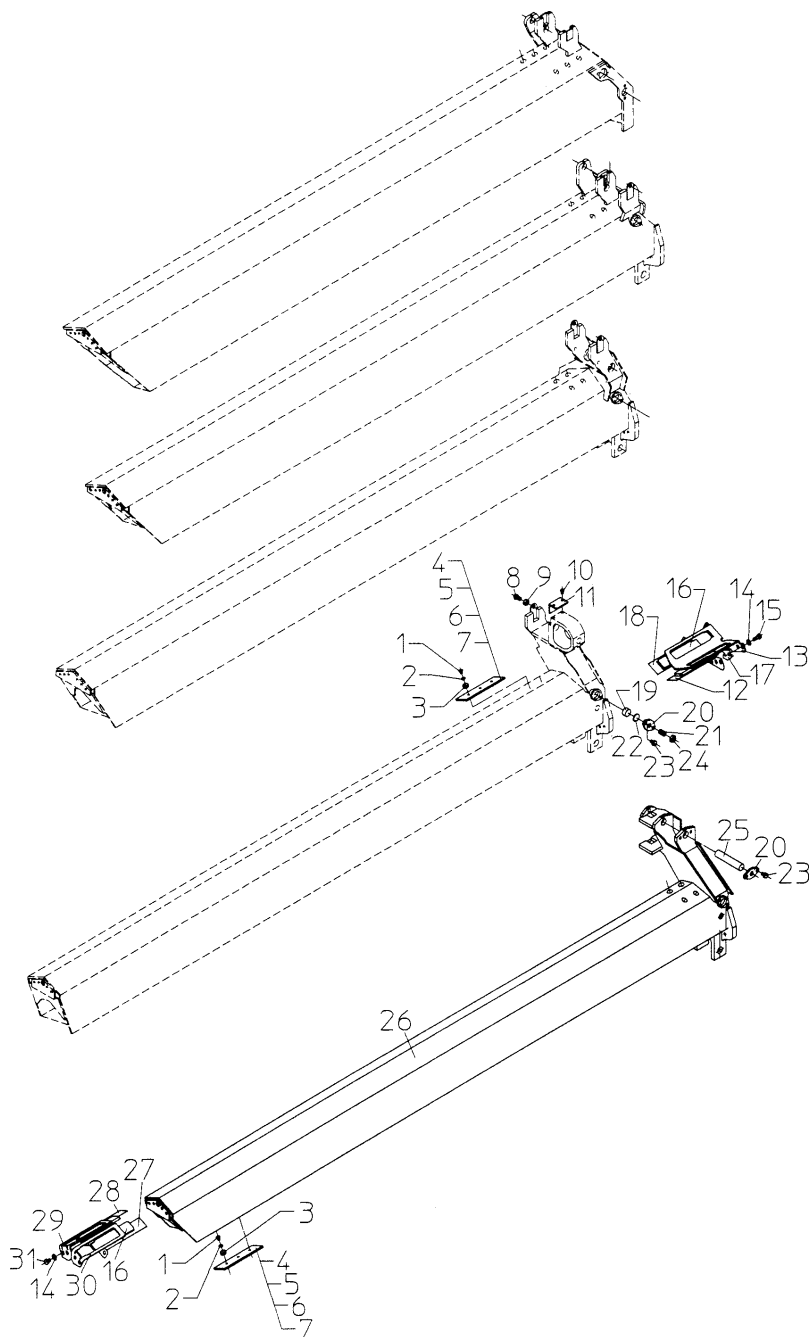
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EXTENSION BOOM-K5

1.	30 597	C'SNK SCREW MK8X12	8
2.	31 170	LOCK WASHER 8MM	8
3.	62 32 974	LOCK WASHER	8
4.	62 94 434	SPACER 5MM	
5.	61 93 304	SPACER 6MM	
6.	61 35 944	SPACER 7MM	
7.	61 93 314	SPACER 8MM	
8.	30 927	SCREW M12X12	1
9.	30 860	NUT M12	1
10.	30 924	SCREW M8X12	2
11.	62 94 484	BRACKET	1
12.	62 95 123	SHIM LH	
13.	62 99 123	ATTACHMENT-DOUBLE	1
14.	31 172	WASHER 10MM	8
15.	30 155	SET SCREW M10X25	4
16.	63 762	SLIDE BLOCK 62 99 074	4

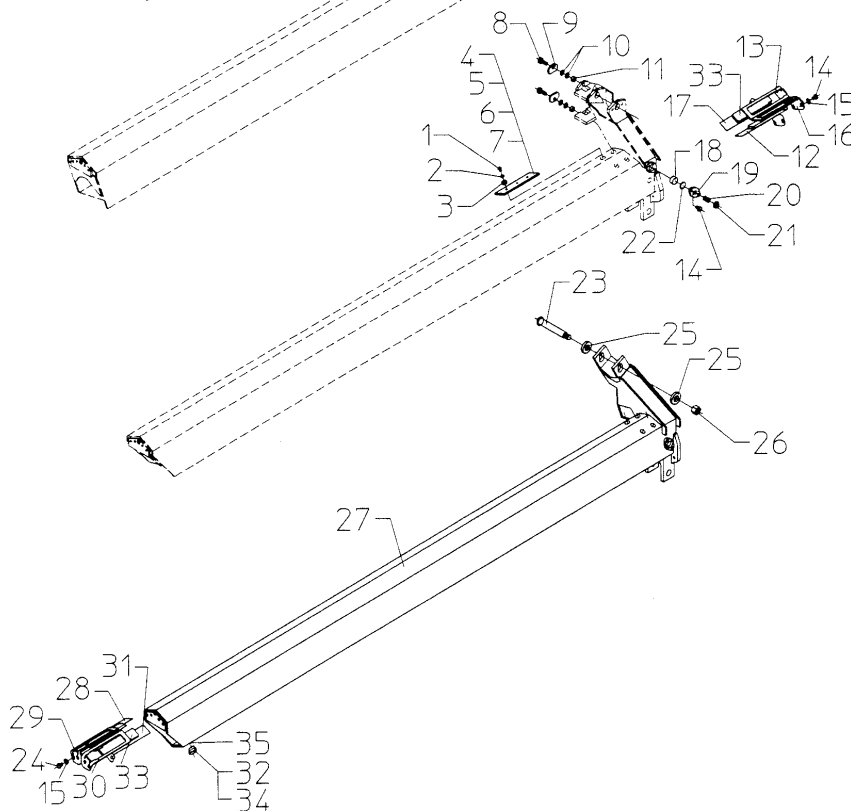
PARTS-14

17.	62 94 934	SPACER	2
18.	62 95 113	SHIM RH	
19.	64 096	SLIDE BLOCK 60 82 064	2
20.	6293 954	LOCK PLATE	3
21.	30 598	POINTED SCREW MSP16X25	2
22.	61 82 334	PLATE	2
23.	30 152	SET SCREW M10X14	6
24.	30 821	COUNTER NUT M16	2
25.	62 93 984	PIN	1
26.	62 93 351	JIB EXT 255MM	1
27.	62 95 133	SHIM RH	
28.	62 95 143	SHIM LH	
29.	62 99 113	BRACKET LH	1
30.	62 99 103	BRACKET RH	1
31.	30 926	SCREW M10X20	4



EXTENSION BOOM-K6**PARTS-15**

1.	30 597	C'SUNK SCREW MK8X12	4
2.	31 170	LOCK WASHER 8MM	4
3.	62 32 974	LOCK WASHER	4
4.	62 94 434	SPACER 5MM	
5.	61 93 304	SPACER 6MM	
6.	62 35 944	SPACER	
7.	61 93 314	SPACER 8MM	
8.	30 177	SET SCREW M12X30	2
9.	62 93 964	FITTING	2
10.	31 173	WASHER 12MM	4
11.	30 860	NUT M12	2
12.	62 95 123	SHIM LH	
13.	62 99 083	BRACKET RH	1
14.	30 152	SET SCREW M10X14	8
15.	31 172	WASHER 10MM	8
16.	62 99 093	BRACKET LH	1
17.	62 95 113	SHIM RH	
18.	64 096	SLIDE BLOCK 60 82 064	2
19.	62 93 954	LOCK PLATE	2
20.	30 598	POINTED SCREW MSP16X25	2
21.	30 821	COUNTER NUT M16	2
22.	61 82 334	PLATE	2
23.	62 93 994	PIN	1
24.	30 926	SCREW M10X20	4
25.	63 843	DISTANCE RING 62 93 974	2
26.	30 894	LOCK NUT M20	1
27.	62 93 481	JIB EXT 222MM	27
28.	62 95 143	SHIM LH	
29.	62 99 113	BRACKET LH	1
30.	62 99 103	BRACKET RH	1
31.	62 95 133	SHIM RH	
32.	61 89 464	PLUG 7MM	
33.	63 762	SLIDE BLOCK	4
34.	61 89 474	PLUG 6MM	
35.	33 104	CIRCLIP 15U	2



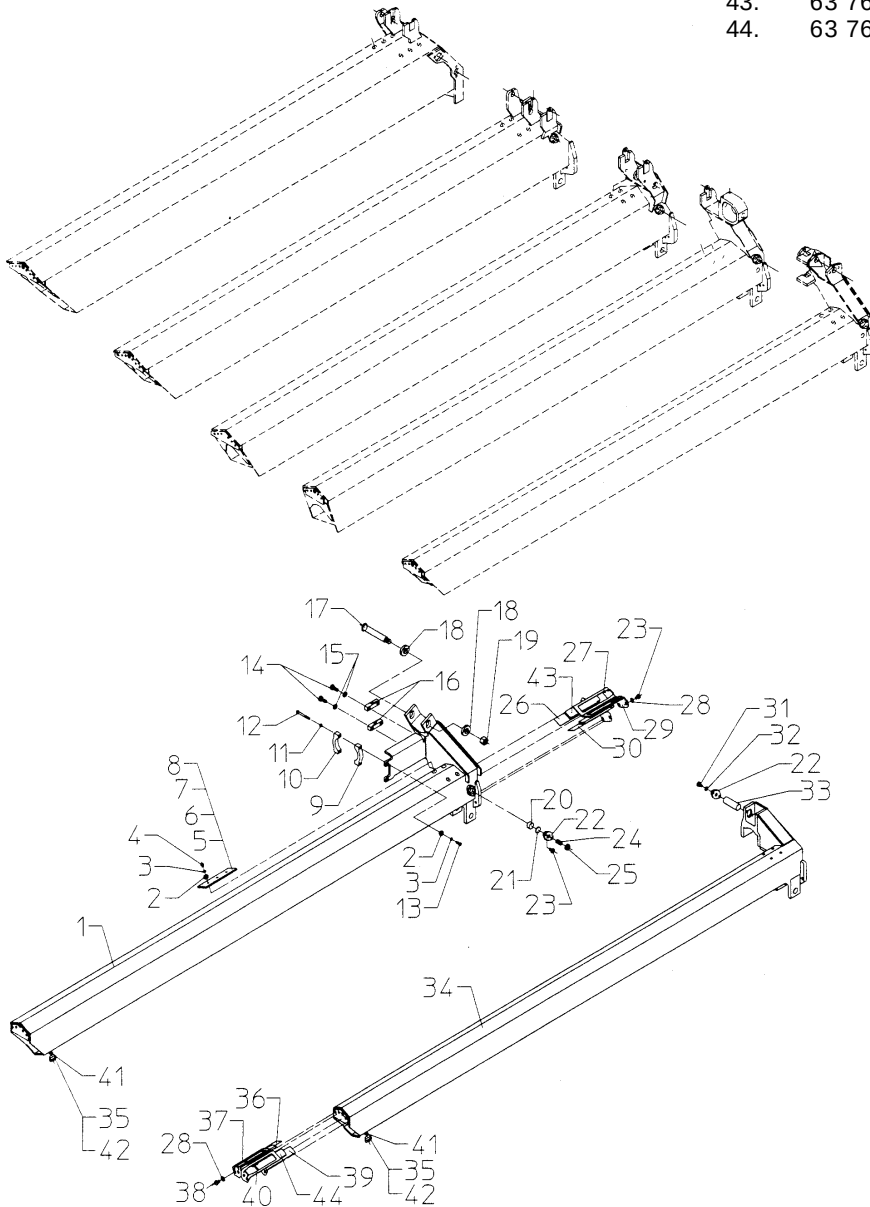
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EXTENSION BOOM-K7

1.	62 97 311	JIB EXT 222MM	1
2.	62 32 974	LOCK WASHER	6
3.	31 170	LOCK WASHER 8MM	6
4.	30 597	C'SUNK SCREW MK8X12	4
5.	61 93 314	SPACER 8MM	
6.	62 35 944	SPACER 7MM	
7.	61 93 304	SPACER 6MM	
8.	62 94 434	SPACER 5MM	
9.	62 97 294	CYLINDER BRACKET	1
10.	62 97 304	CYLINDER BRACKET	1
11.	31 155	SPRING WASHER 8MM	2
12.	30 812	STEEL BOLT	2
13.	30 583	SCREW MK8X25	2
14.	30 177	SET SCREW M12X30	4
15.	31 158	SPRING WASHER 12MM	4
16.	62 34 854	ATTACHMENT	2
17.	62 93 994	PIN	1
18.	63 843	DISTANCE RING 62 93 974	2
19.	30 894	LOCK NUT M20	1
20.	64 096	SLIDE BLOCK 60 82 064	2

PARTS-16

21.	61 82 334	PLATE	2
22.	62 93 954	LOCK PLATE	2
23.	30 152	SET SCREW M10X14	8
24.	30 598	POINTED SCREW MSP16X25	2
25.	30 821	COUNTER NUT M16	2
26.	62 95 113	SHIM RH	
27.	62 99 083	BRACKET RH	
28.	31 172	WASHER 10MM	8
29.	62 99 093	BRACKET LH	
30.	62 95 123	SHIM LH	
31.	30 153	SET SCREW M10X16	2
32.	31 156	SPRING WASHER 10MM	2
33.	62 97 284	PIN	1
34.	62 93 781	JIB EXT	1
35.	61 89 464	PLUG 7MM	
36.	62 39 703	SHIM LH	
37.	62 39 723	BRACKET LH	
38.	30 926	SCREW M10X20	4
39.	62 39 693	SHIM RH	
40.	62 39 713	BRACKET RH	
41.	33 104	CIRCLIP 15U	4
42.	61 89 474	PLUG 6MM	
43.	63 762	SLIDE BLOCK	2
44.	63 763	SLIDE BLOCK	2



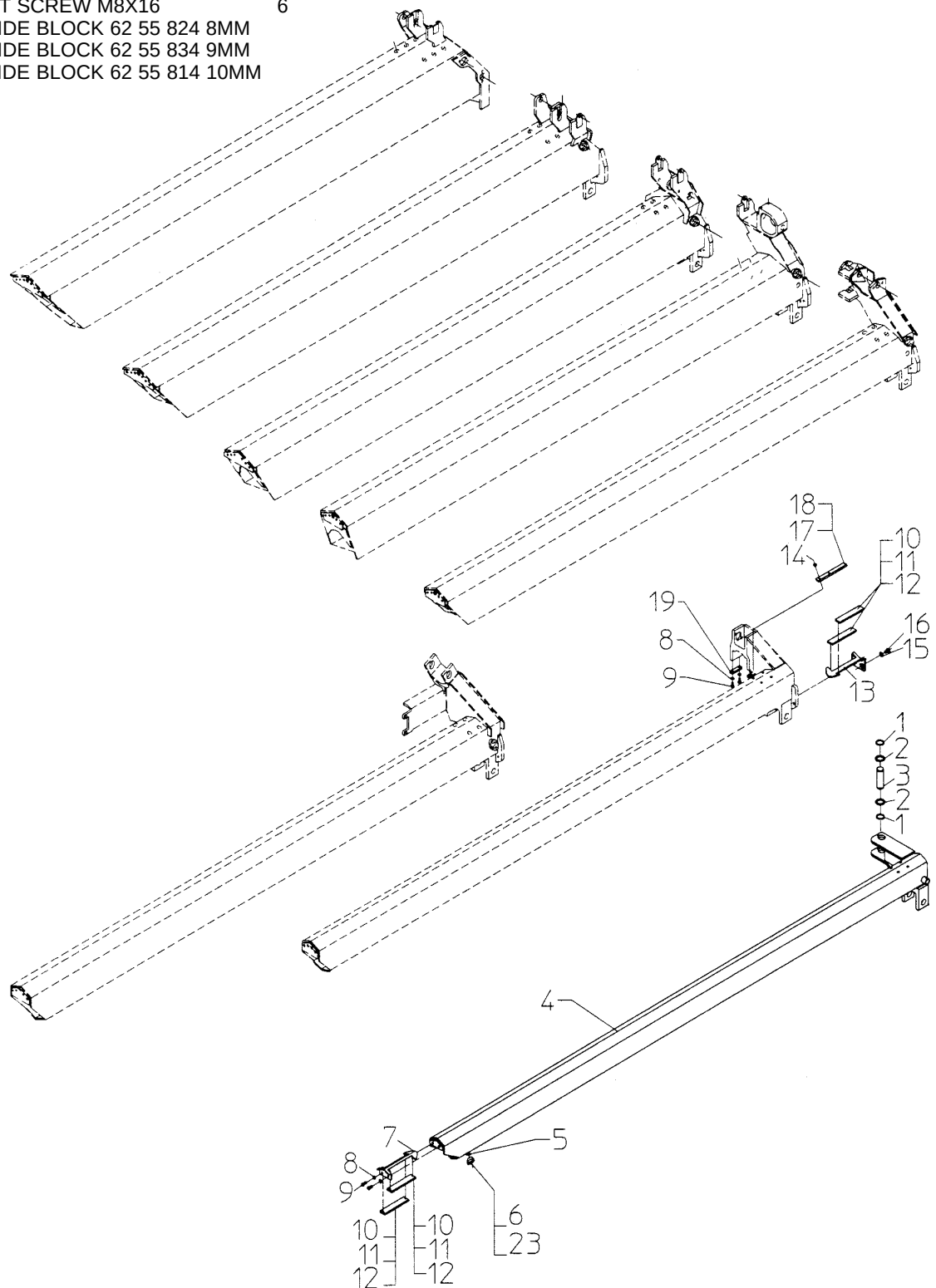
25/180: 511 02 170: 20001110

EXTENSION BOOM-K8

1.	33 115	CIRCLIP 30U	2
2.	33 220	BACK RING 30X42X2.5	2
3.	62 97 274	PIN	1
4.	62 93 872	JIB EXT	1
5.	33 104	CIRCLIP 15U	2
6.	61 89 474	PLUG 6MM	
7.	62 54 653	CLAMP	1
8.	31 155	SPRING WASHER 8MM	6
9.	30 131	SET SCREW M8X16	6
10.	63 804	SLIDE BLOCK 62 55 824 8MM	
11.	63 805	SLIDE BLOCK 62 55 834 9MM	
12.	63 803	SLIDE BLOCK 62 55 814 10MM	

PARTS-17

13.	62 39 683	BRACKET	1
14.	62 03 424	SCREW	4
15.	31 172	WASHER 10MM	4
16.	30 152	SET SCREW M10X14	4
17.	62 33 794	WEAR PLATE 6MM	
18.	62 33 804	WEAR PLATE 8MM	
19.	62 32 964	STOW PIN	2
23.	61 89 464	PLUG 7MM	

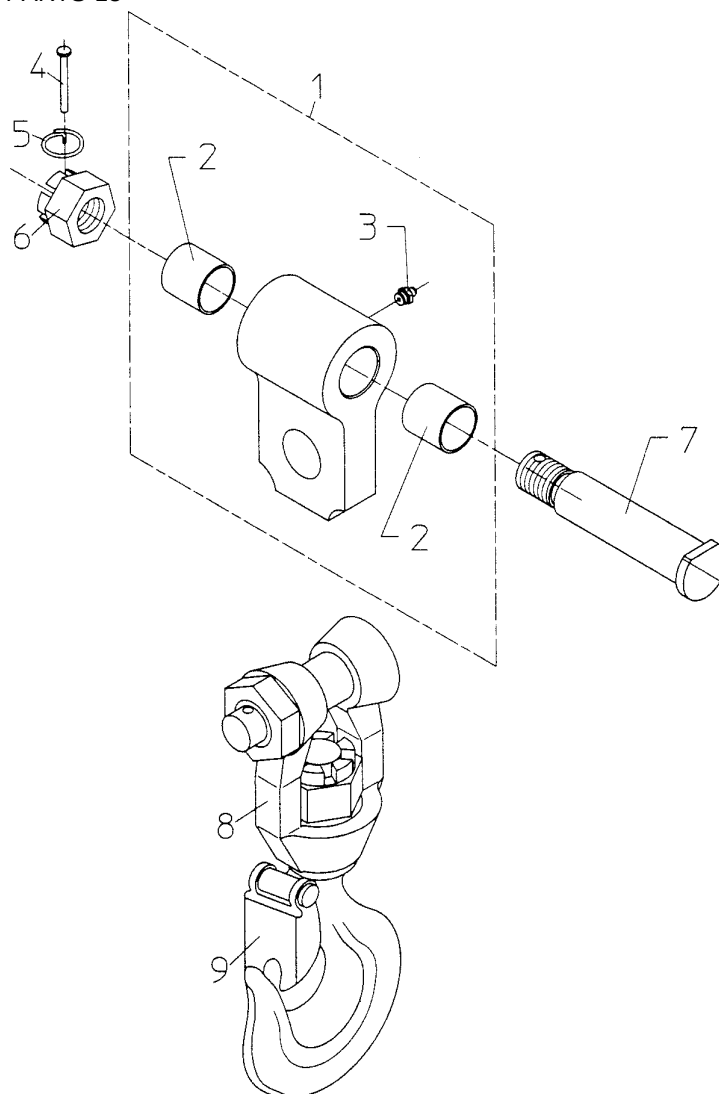


25/180: 511 02 500: 20001110

HOOK SUSPENSION

1.	62 92 850	SUSPENSION-COMPLETE	1
2.	23 913	BUSHING PM2830DX	
3.	31 318	ZERK 1/8"	
4.	31 280	COTTER BOLT Ø5X40	1
5.	33 458	LOCK RING-SS	1
6.	30 837	NUT M24	1
7.	62 93 674	PIN	1
8.	62 100	HOOK W/SUSPENSION SWL8T	1
9.	62 163	SAFETY CATCH 7T	

PARTS-18



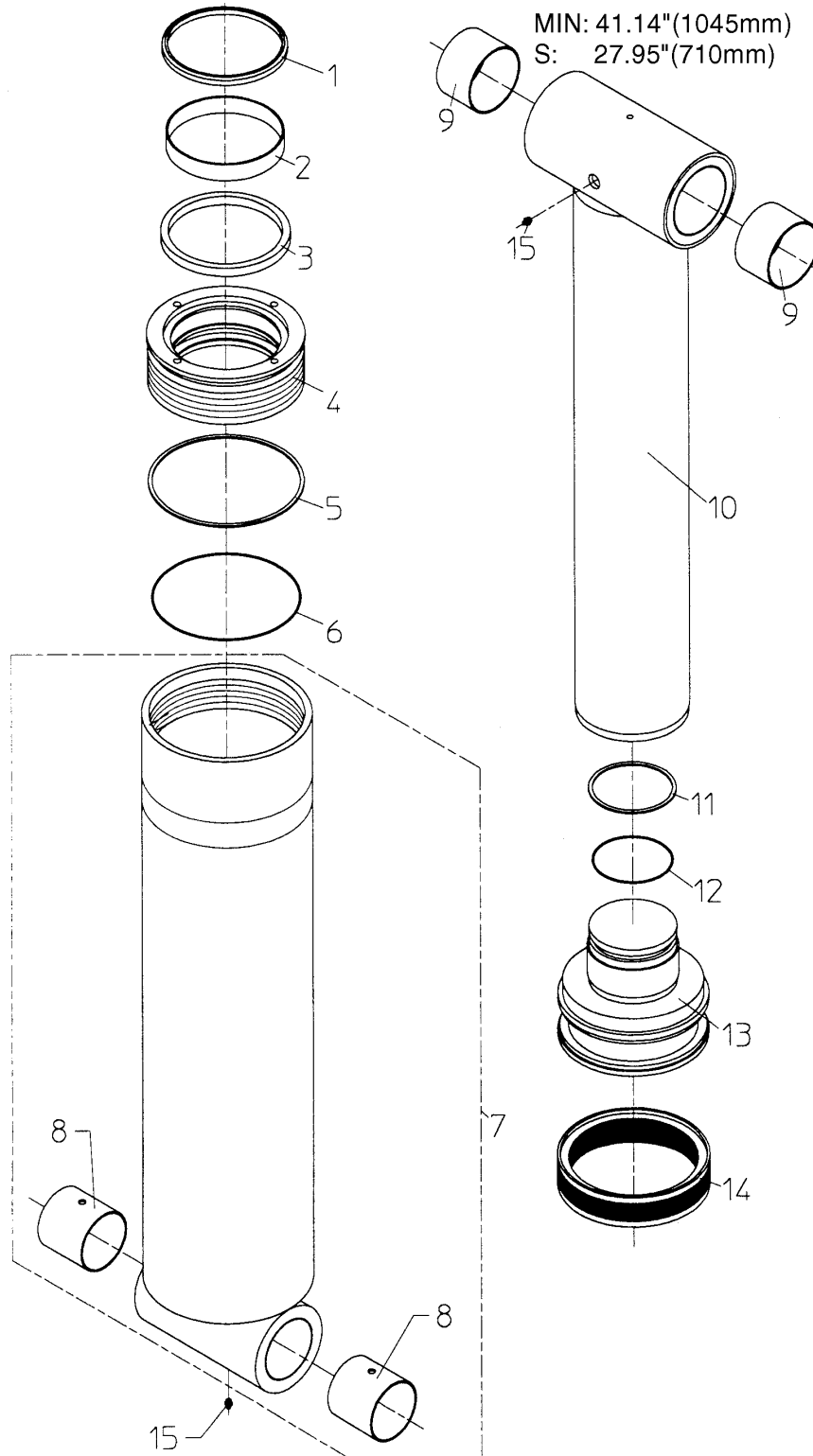
25/180: 511 03 010: 20001110

INNER BOOM CYLINDER-C200-710

	62 91 330	BOOM CYL C200-710	1
	68 93 240	SEAL KIT(INCL:1-3,5,6,11,12,14)	1
1.	20 548	SCRAPER GA150X165X9/12	1
2.	22 114	BEARING 150X155X25	1
3.	20 630	SEAL 150X170X16	1
4.	62 91 422	GUIDE	1
5.	20 895	BACK RING 195X205	1
6.	20 339	O-RING 194.3X5.7	1

PARTS-19

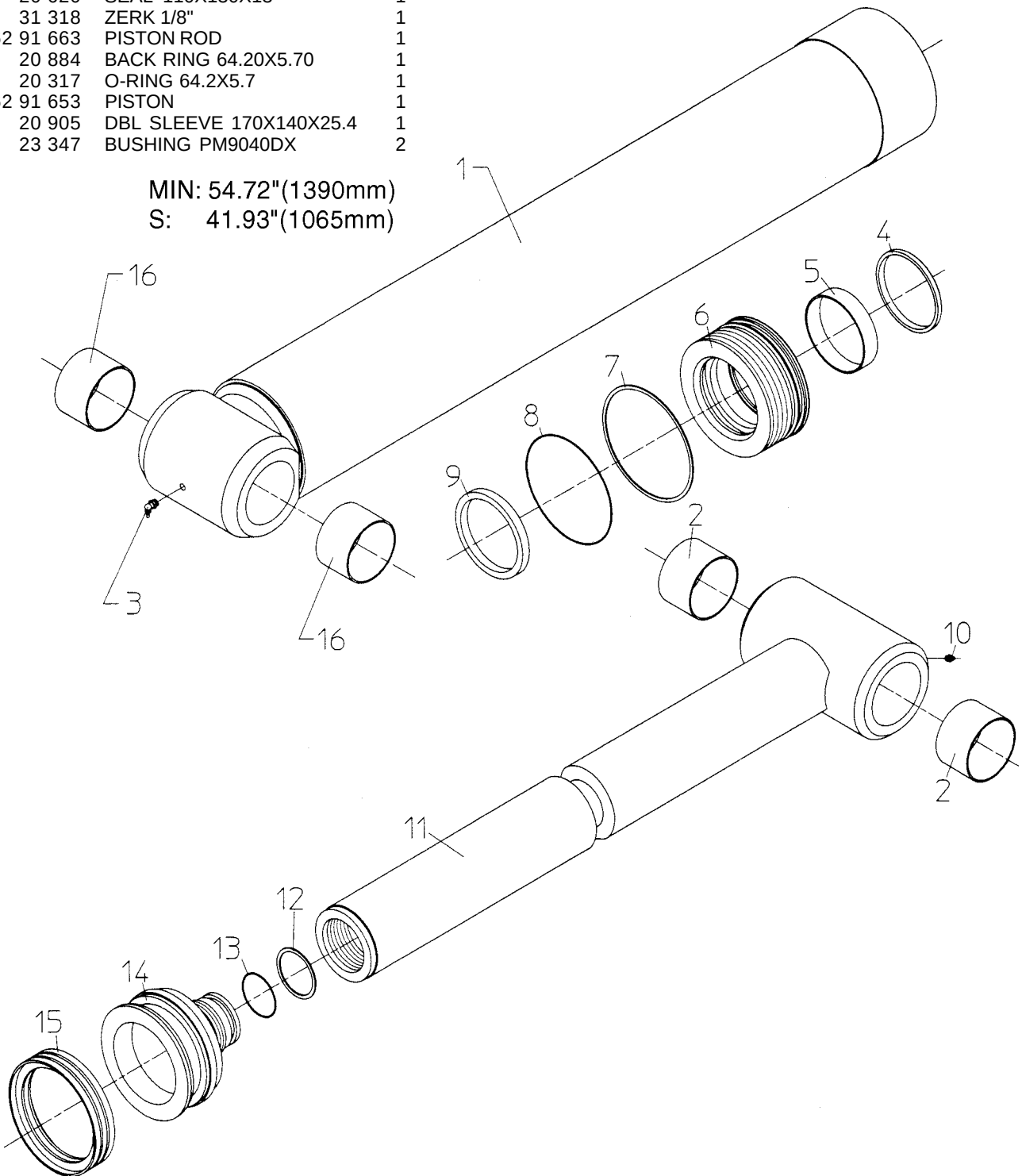
7.	62 91 372	CYLINDER	1
8.	23 329	BUSHING PM8080DX	
9.	23 321	BUSHING PM9060DX	2
10.	62 91 343	PISTON ROD	1
11.	20 887	BACK RING 105X115	1
12.	20 338	O-RING 104.1X5.7	1
13.	62 91 432	PISTON	1
14.	20 799	DBL SLEEVE 200X170X35.0	1
15.	31 318	ZERK 1/8"	2



OUTER BOOM (JIB) CYLINDER-C170-1065

	62 91 600	CYLINDER-OUTER C170-1065	1
	68 93 250	SEAL KIT(INCL:4,5,7-9,12,13,15)	1
1.	62 91 613	CYLINDER	1
2.	23 321	BUSHING PM9060DX	2
3.	31 322	ZERK 1/8" 90°	1
4.	20 532	SCRAPER GA110X120X7/10	1
5.	22 113	BEARING 110X115X25	1
6.	62 91 642	GUIDE	1
7.	20 889	BACK RING 165X175	1
8.	20 347	O-RING 164.3X5.7	1
9.	20 620	SEAL 110X130X13	1
10.	31 318	ZERK 1/8"	1
11.	62 91 663	PISTON ROD	1
12.	20 884	BACK RING 64.20X5.70	1
13.	20 317	O-RING 64.2X5.7	1
14.	62 91 653	PISTON	1
15.	20 905	DBL SLEEVE 170X140X25.4	1
16.	23 347	BUSHING PM9040DX	2

MIN: 54.72"(1390mm)
S: 41.93"(1065mm)

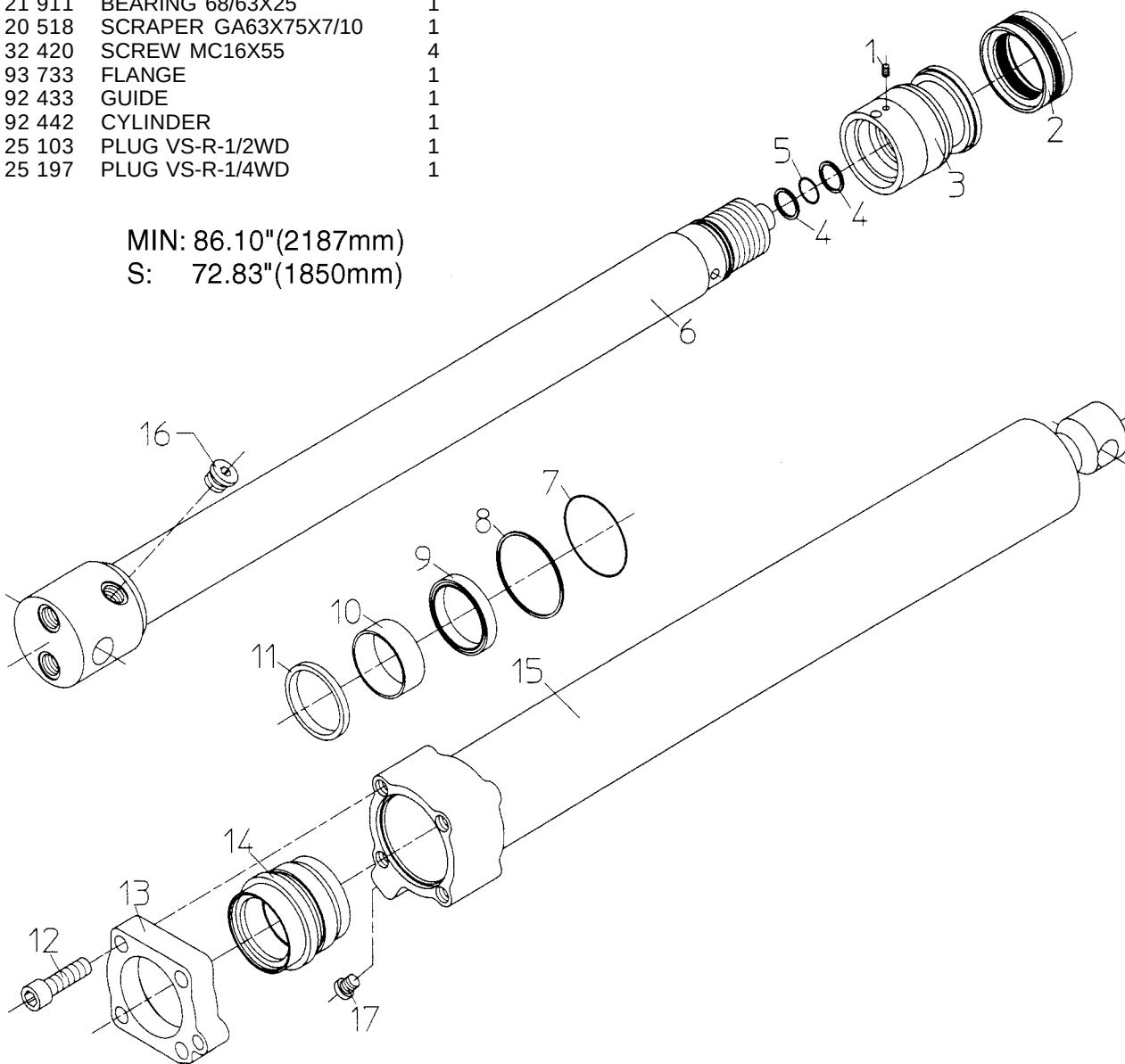


EXTENSION CYLINDER-C85-1850 K1

	62 92 410	EXTENSION CYL C85-1850	1
	68 93 260	SEAL KIT (INCL:2,4,5,7-11)	1
1.	30 903	SCREW MSP6X8	1
2.	20 788	DBL SLEEVE 85X65X22.4	1
3.	62 92 423	PISTON	1
4.	20 706	BACK RING 25X30	2
5.	20 174	O-RING 24.2X3	1
6.	62 92 493	PISTON ROD	1
7.	20 189	O-RING 79.5X3	1
8.	20 894	BACK RING 80X85	1
9.	20 687	SEAL 63X73X13	1
10.	21 911	BEARING 68/63X25	1
11.	20 518	SCRAPER GA63X75X7/10	1
12.	32 420	SCREW MC16X55	4
13.	62 93 733	FLANGE	1
14.	62 92 433	GUIDE	1
15.	62 92 442	CYLINDER	1
16.	25 103	PLUG VS-R-1/2WD	1
17.	25 197	PLUG VS-R-1/4WD	1

MIN: 86.10"(2187mm)

S: 72.83"(1850mm)

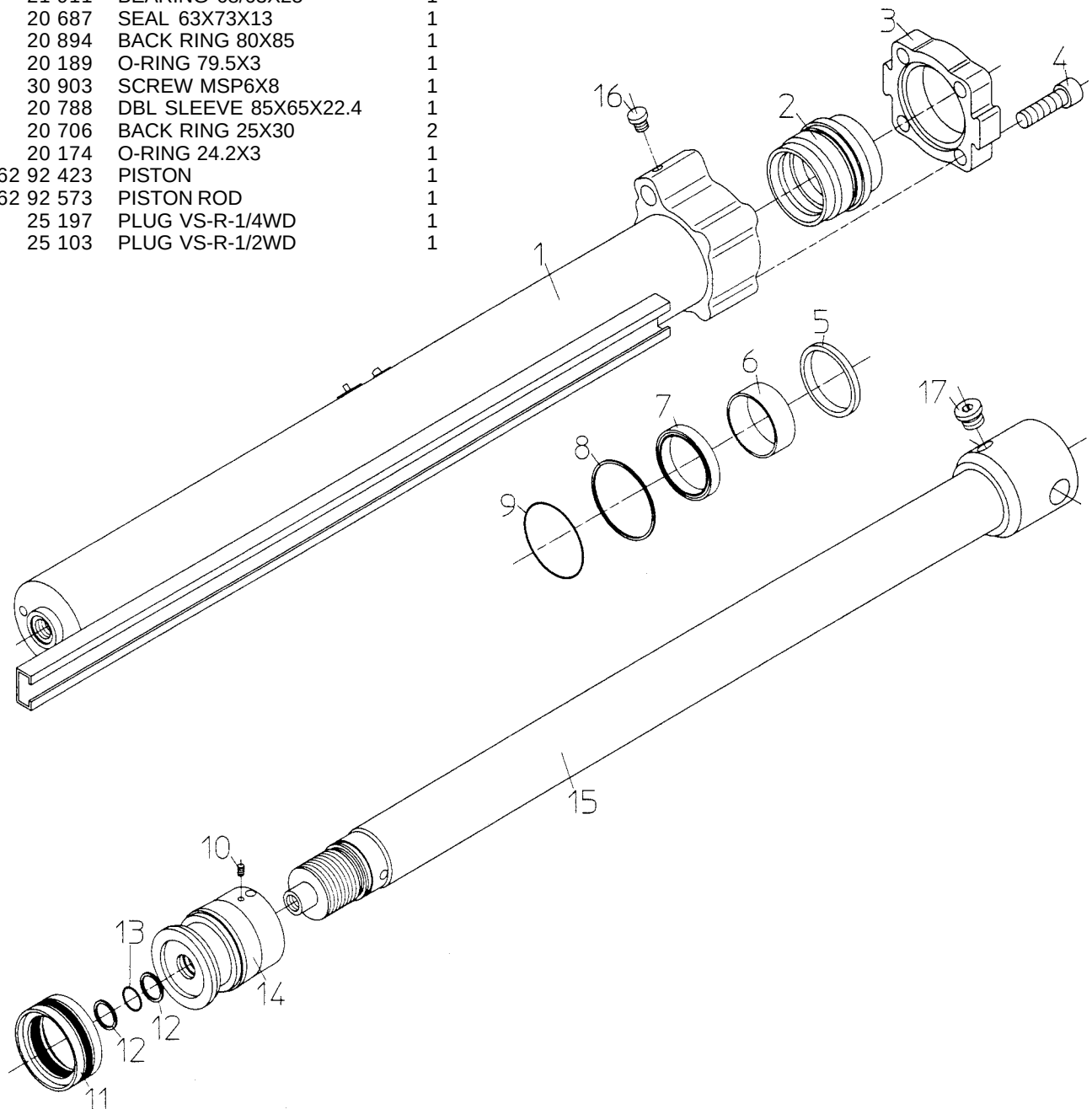


25/180: 511 03 110: 20001110

PARTS-22

EXTENSION CYLINDER-C85-1950 K2

	62 92 530	EXT CYLINDER C85-1950	1
	68 93 260	SEAL KIT (INCL:5-9,11-13)	1
1.	62 92 542	CYLINDER	1
2.	62 92 433	GUIDE	1
3.	62 92 483	FLANGE	1
4.	32 420	SCREW MC16X55	4
5.	20 518	SCRAPER GA63X75X7/10	1
6.	21 911	BEARING 68/63X25	1
7.	20 687	SEAL 63X73X13	1
8.	20 894	BACK RING 80X85	1
9.	20 189	O-RING 79.5X3	1
10.	30 903	SCREW MSP6X8	1
11.	20 788	DBL SLEEVE 85X65X22.4	1
12.	20 706	BACK RING 25X30	2
13.	20 174	O-RING 24.2X3	1
14.	62 92 423	PISTON	1
15.	62 92 573	PISTON ROD	1
16.	25 197	PLUG VS-R-1/4WD	1
17.	25 103	PLUG VS-R-1/2WD	1

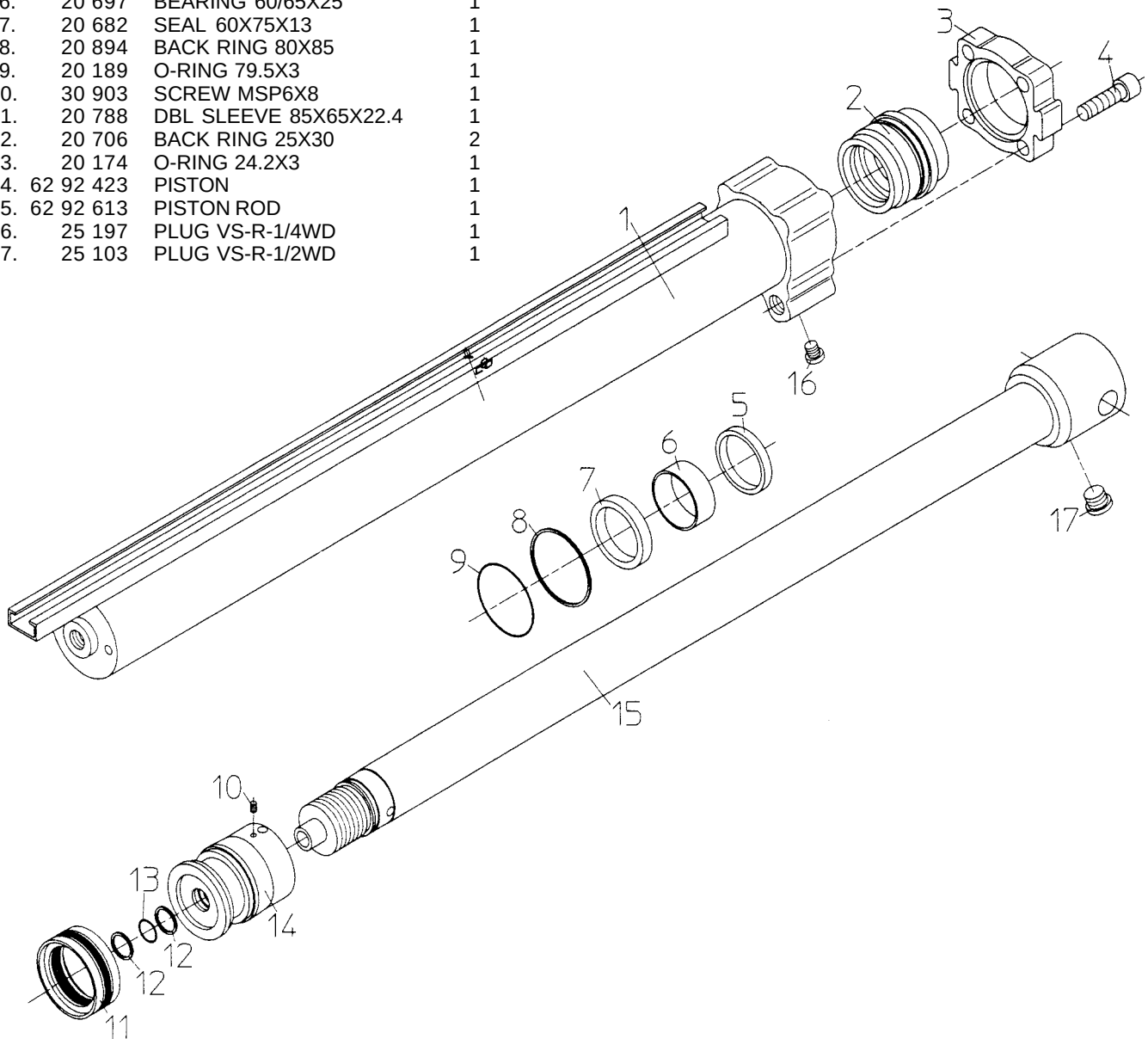


25/180: 511 03 120: 20001110

PARTS-23

EXTENSION CYLINDER-C85-2050 K3

	62 92 600	EXT CYLINDER C85-2050	1
	68 93 270	SEAL KIT (INCL:5-9,11-13)	1
1.	62 92 632	CYLINDER	1
2.	62 92 653	GUIDE	1
3.	62 92 483	FLANGE	1
4.	32 420	SCREW MC16X55	4
5.	20 519	SCRAPER GA60X70X7/10	1
6.	20 697	BEARING 60/65X25	1
7.	20 682	SEAL 60X75X13	1
8.	20 894	BACK RING 80X85	1
9.	20 189	O-RING 79.5X3	1
10.	30 903	SCREW MSP6X8	1
11.	20 788	DBL SLEEVE 85X65X22.4	1
12.	20 706	BACK RING 25X30	2
13.	20 174	O-RING 24.2X3	1
14.	62 92 423	PISTON	1
15.	62 92 613	PISTON ROD	1
16.	25 197	PLUG VS-R-1/4WD	1
17.	25 103	PLUG VS-R-1/2WD	1

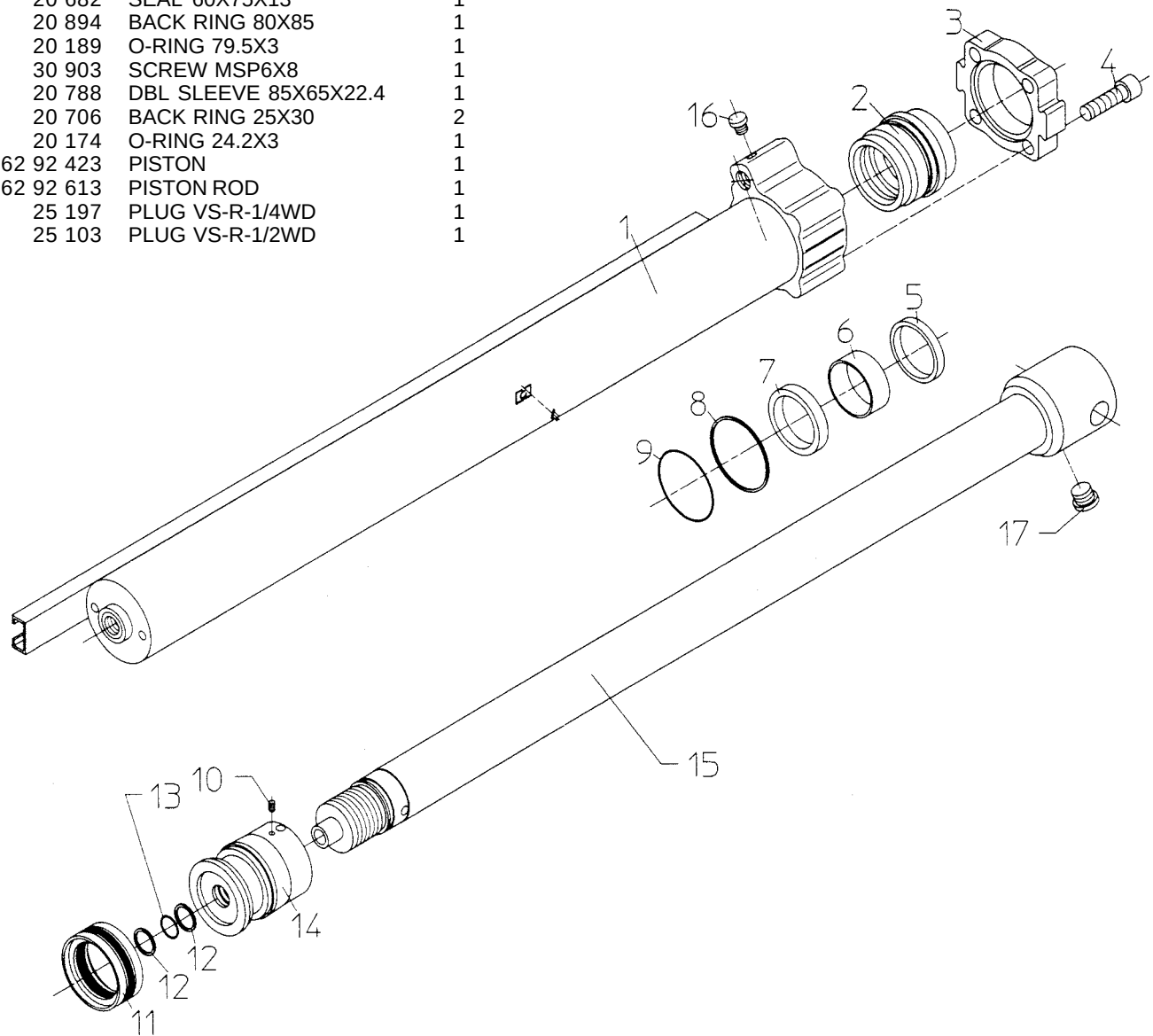


25/180: 511 03 130: 20001110

PARTS-24

EXTENSION CYLINDER-C85-2050 K4

62 95 010	EXT CYLINDER C85-2050	1
68 93 270	SEAL KIT (INCL:5-9,11-13)	1
1. 62 94 342	CYLINDER	1
2. 62 92 653	GUIDE	1
3. 62 92 483	FLANGE	1
4. 32 420	SCREW MC16X55	4
5. 20 519	SCRAPER GA60X70X7/10	1
6. 20 697	BEARING 60/65X25	1
7. 20 682	SEAL 60X75X13	1
8. 20 894	BACK RING 80X85	1
9. 20 189	O-RING 79.5X3	1
10. 30 903	SCREW MSP6X8	1
11. 20 788	DBL SLEEVE 85X65X22.4	1
12. 20 706	BACK RING 25X30	2
13. 20 174	O-RING 24.2X3	1
14. 62 92 423	PISTON	1
15. 62 92 613	PISTON ROD	1
16. 25 197	PLUG VS-R-1/4WD	1
17. 25 103	PLUG VS-R-1/2WD	1

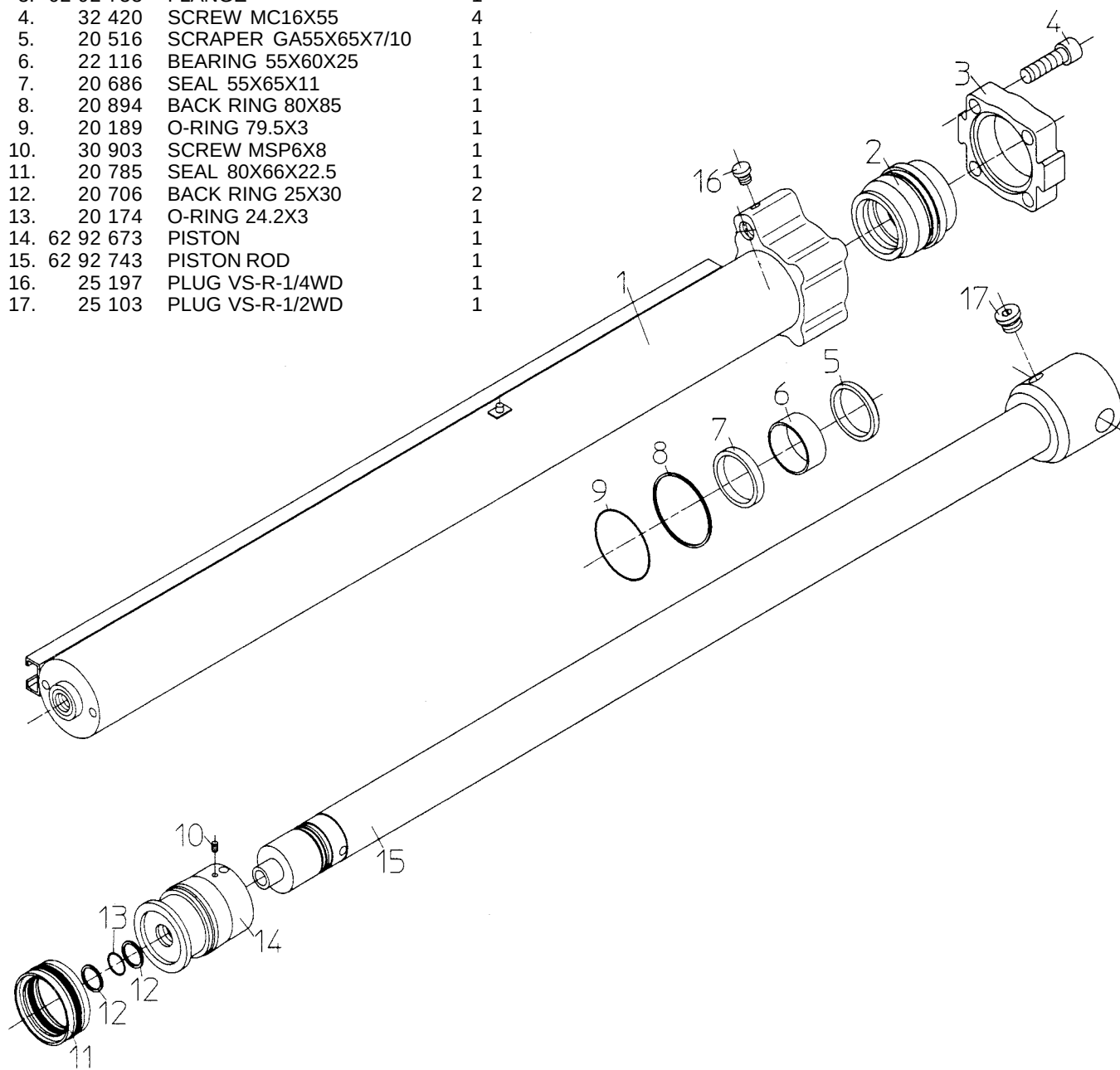


25/180: 511 03 140: 20001110

PARTS-25

EXTENSION CYLINDER-C80-2150 K5

	62 92 660	EXT CYLINDER C80-2150	1
	68 93 280	SEAL KIT (INCL:5-9,11-13)	1
1.	62 92 692	CYLINDER	1
2.	62 92 683	GUIDE	1
3.	62 92 733	FLANGE	1
4.	32 420	SCREW MC16X55	4
5.	20 516	SCRAPER GA55X65X7/10	1
6.	22 116	BEARING 55X60X25	1
7.	20 686	SEAL 55X65X11	1
8.	20 894	BACK RING 80X85	1
9.	20 189	O-RING 79.5X3	1
10.	30 903	SCREW MSP6X8	1
11.	20 785	SEAL 80X66X22.5	1
12.	20 706	BACK RING 25X30	2
13.	20 174	O-RING 24.2X3	1
14.	62 92 673	PISTON	1
15.	62 92 743	PISTON ROD	1
16.	25 197	PLUG VS-R-1/4WD	1
17.	25 103	PLUG VS-R-1/2WD	1

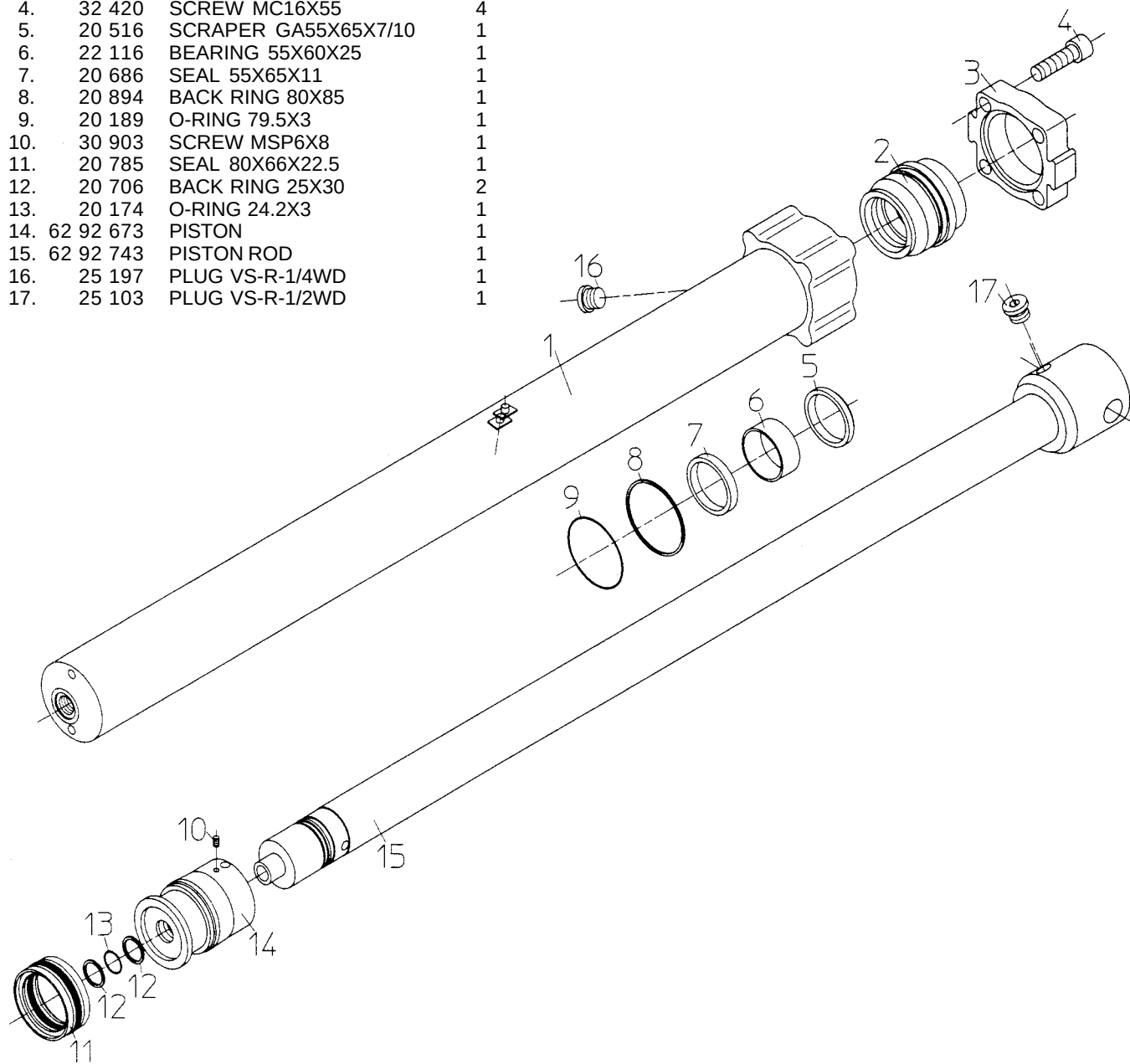


25/180: 511 03 150: 20001110

PARTS-26

EXTENSION CYLINDER-C80-2150 K6

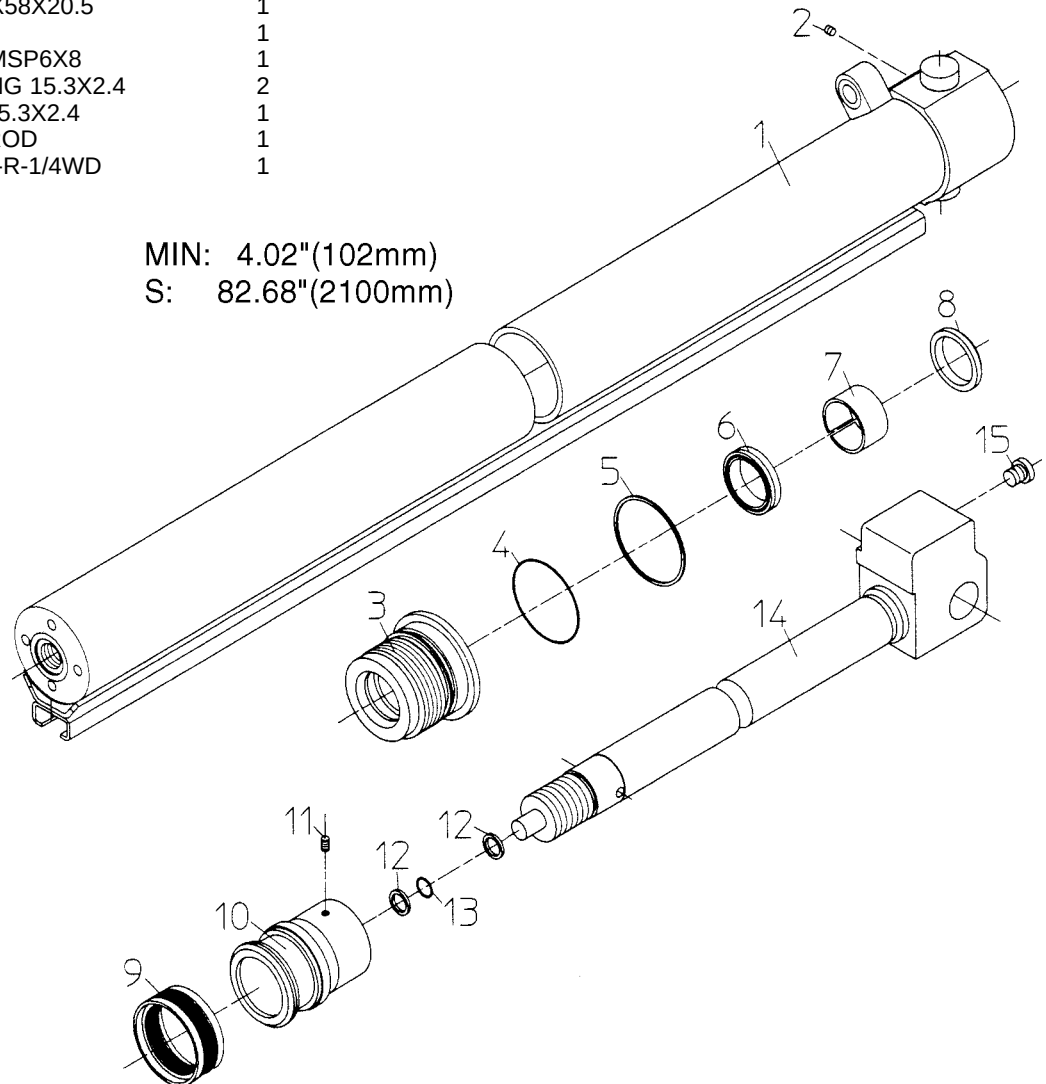
	62 95 020	EXT CYLINDER C80-2150	1
	68 93 280	SEAL KIT (INCL:5-9,11-13)	1
1.	62 94 352	CYLINDER	1
2.	62 92 683	GUIDE	1
3.	62 92 733	FLANGE	1
4.	32 420	SCREW MC16X55	4
5.	20 516	SCRAPER GA55X65X7/10	1
6.	22 116	BEARING 55X60X25	1
7.	20 686	SEAL 55X65X11	1
8.	20 894	BACK RING 80X85	1
9.	20 189	O-RING 79.5X3	1
10.	30 903	SCREW MSP6X8	1
11.	20 785	SEAL 80X66X22.5	1
12.	20 706	BACK RING 25X30	2
13.	20 174	O-RING 24.2X3	1
14.	62 92 673	PISTON	1
15.	62 92 743	PISTON ROD	1
16.	25 197	PLUG VS-R-1/4WD	1
17.	25 103	PLUG VS-R-1/2WD	1



EXTENSION CYLINDER-C70/45H-2100 K7

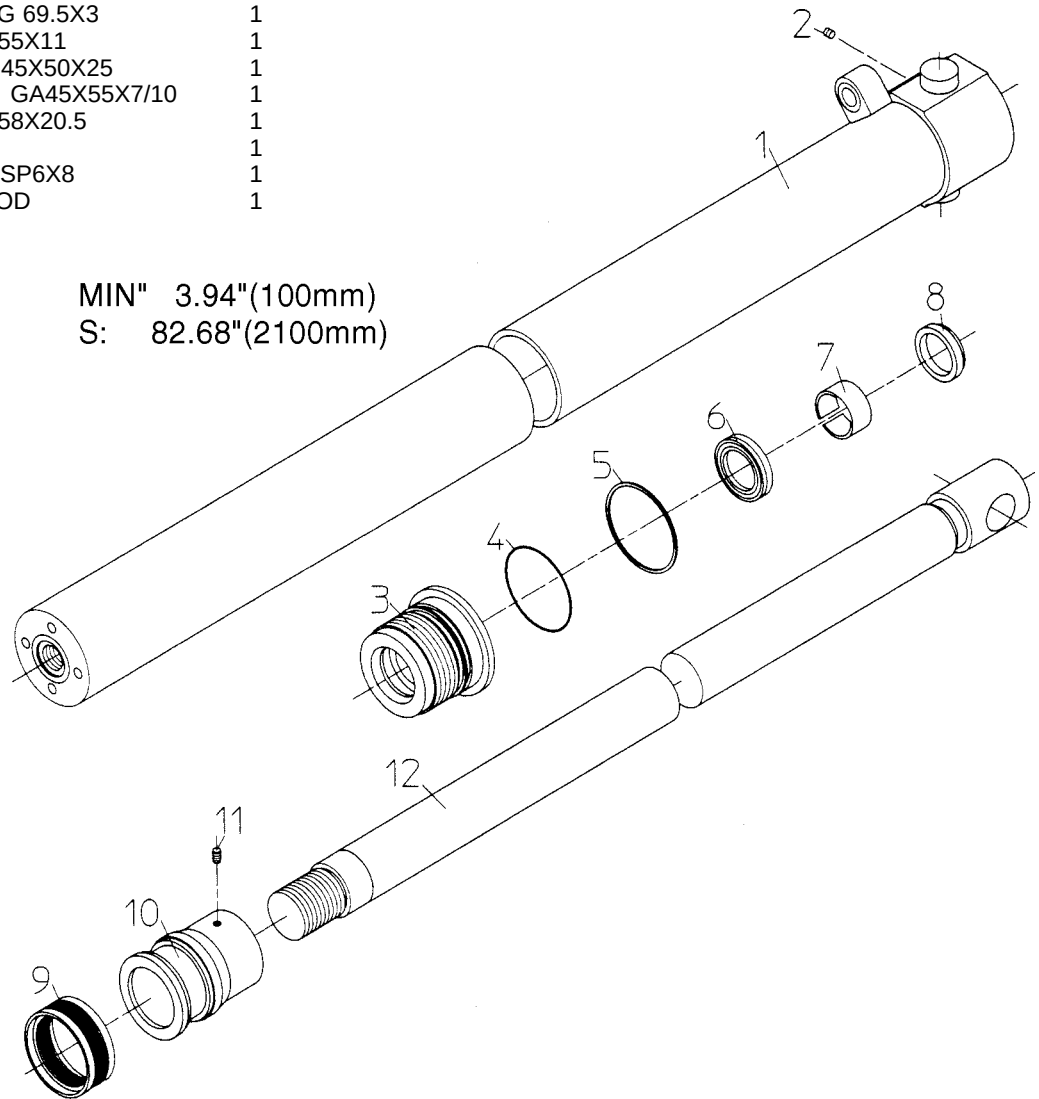
	62 97 230	EXT CYLINDER C70-2100	
	68 92 560	SEAL KIT (INCL:4-9,12,13)	1
1.	62 97 242	CYLINDER	1
2.	30 551	POINTED SCREW MSP6X6	1
3.	61 82 543	GUIDE	1
4.	20 187	O-RING 69.5X3	1
5.	20 708	BACK RING 69.5X3	1
6.	20 680	SEAL 45X55X11	1
7.	21 981	BEARING 45X50X25	1
8.	20 514	SCRAPER GA45X55X7/10	1
9.	20 782	SEAL 70X58X20.5	1
10.	61 82 553	PISTON	1
11.	30 903	SCREW MSP6X8	1
12.	20 704	BACK RING 15.3X2.4	2
13.	20 128	O-RING 15.3X2.4	1
14.	62 30 894	PISTON ROD	1
15.	25 197	PLUG VS-R-1/4WD	1

MIN: 4.02"(102mm)
S: 82.68"(2100mm)



EXTENSION CYLINDER-C70/45H-2100 K8/K7

	62 97 250	EXT CYLINDER C70-2100	1
	68 92 530	SEAL KIT (INCL:4-9)	1
1.	62 97 262	CYLINDER	1
2.	30 551	POINTED SCREW MSP6X6	1
3.	61 82 543	GUIDE	1
4.	20 187	O-RING 69.5X3	1
5.	20 708	BACK RING 69.5X3	1
6.	20 680	SEAL 45X55X11	1
7.	21 981	BEARING 45X50X25	1
8.	20 514	SCRAPER GA45X55X7/10	1
9.	20 782	SEAL 70X58X20.5	1
10.	61 83 053	PISTON	1
11.	30 903	SCREW MSP6X8	1
12.	62 34 944	PISTON ROD	1

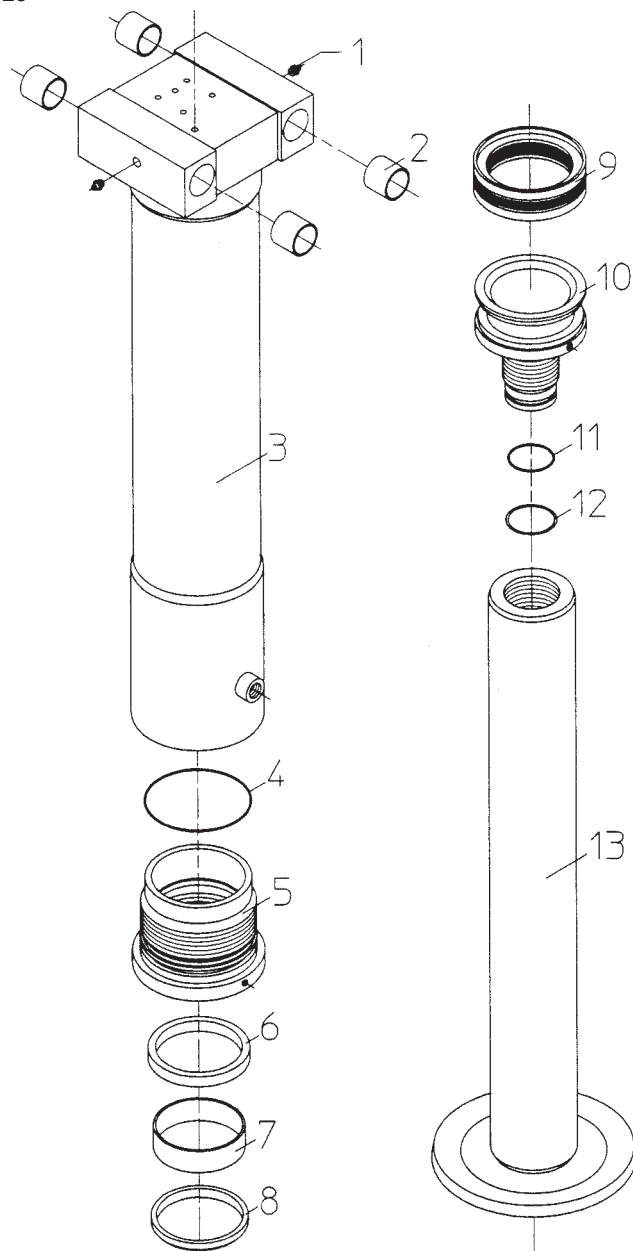


25/180: 511 03 310: 20120305

STABILIZER CYLINDER-C100-650 TYPE R

	62 96 110	STABILIZER CYL C100-536	1
	68 92 650	SEAL KIT (INCL:4,6-9,11,12)	1
1.	31 318	ZERK 1/8"	2
2.	23 303	BUSHING MB3030DU	4
3.	62 95 993	CYLINDER	1
4.	20 338	O-RING 104.1X5.7	1
5.	61 94 333	GUIDE	1
6.	20 619	SEAL 85X100X13	1
7.	21 918	BEARING 85/90X25	1
8.	20 529	SCRAPER GA85X95X7/10	1
9.	20 642	DBL SLEEVE 110X85X22.4	1
10.	61 94 343	PISTON	1
11.	20 181	O-RING 44.2X3	1
12.	20 709	BACK RING 45X50	1
13.	61 94 304	PISTON ROD	1

PARTS-29

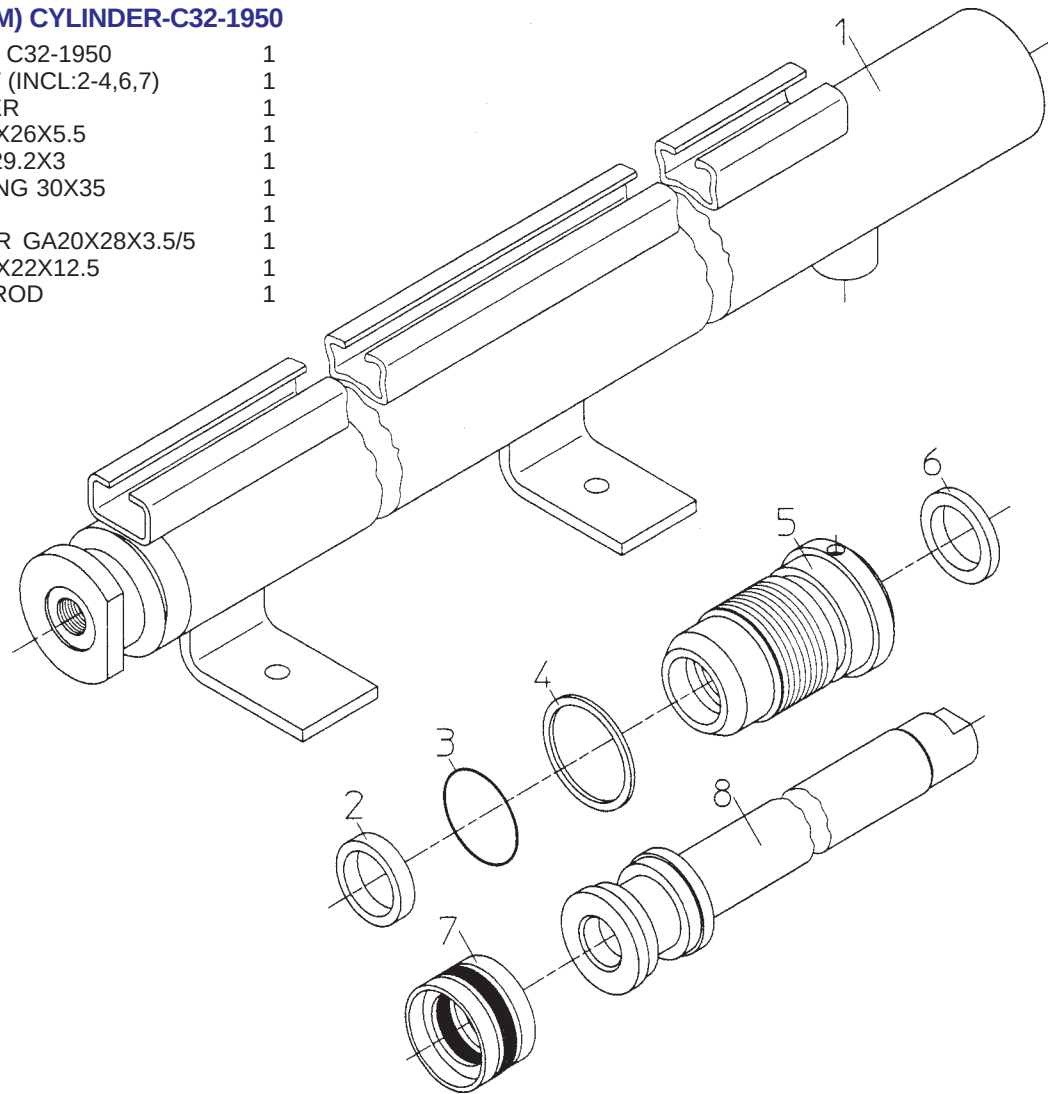


25/180: 511 03 400: 20120305

PARTS-30

STABILIZER ARM (BEAM) CYLINDER-C32-1950

62 92 320	EXT CYL C32-1950	1
68 92 290	SEAL KIT (INCL:2-4,6,7)	1
1. 62 92 333	CYLINDER	1
2. 20 681	SEAL 20X26X5.5	1
3. 20 176	O-RING 29.2X3	1
4. 20 880	BACK RING 30X35	1
5. 60 43 034	GUIDE	1
6. 20 503	SCRAPER GA20X28X3.5/5	1
7. 20 797	SEAL 32X22X12.5	1
8. 62 92 364	PISTON ROD	1



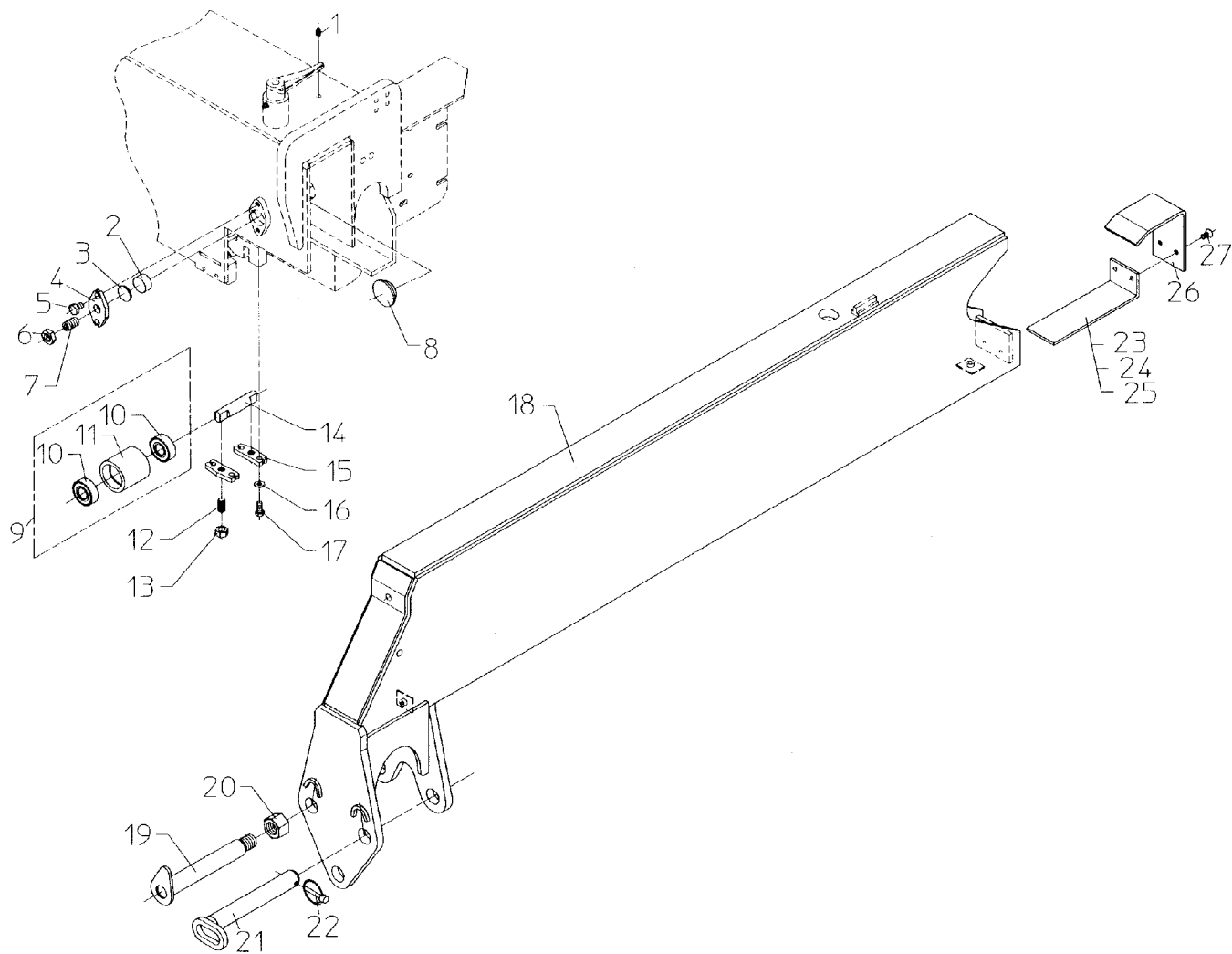
25/180: 511 04 020: 20001110

STABILIZER BEAM-TYPE SR

1.	31 318	ZERK 1/8"	1
2.	64 096	SLIDE BLOCK 60 82 064	1
3.	61 82 334	PLATE	1
4.	62 93 954	LOCK PLATE	1
5.	30 152	SET SCREW M10X14	2
6.	30 821	COUNTER NUT M16	1
7.	30 598	POINTED SCREW MSP16X25	1
8.	63 809	GUIDE SHOE 61 77 194	1
9.	62 98 314	GUIDE ROLLER-COMPLETE	1
10.	23 178	BALL BEARING	
11.	62 97 504	GUIDE ROLLER	
12.	31 856	C'SUNK SCREW	2
13.	30 860	NUT M12	2

PARTS-31

14.	62 97 514	PIN	1
15.	62 98 774	LOCK PLATE	2
16.	31 136	WASHER 8MM	4
17.	30 132	SET SCREW M8X20	4
18.	62 92 192	BEAM-SGL EXT 302MM	1
19.	62 92 864	PIN	1
20.	30 897	LOCK NUT M24	1
21.	62 94 164	PIN	1
22.	33 386	RING SPLIT Ø6	1
23.	62 94 184	SPACER 4MM	
24.	62 94 174	SPACER 3MM	
25.	62 92 294	SPACER 5MM	
26.	62 98 904	PLATE	1
27.	30 543	C'SUNK SCREW MK8X16	2



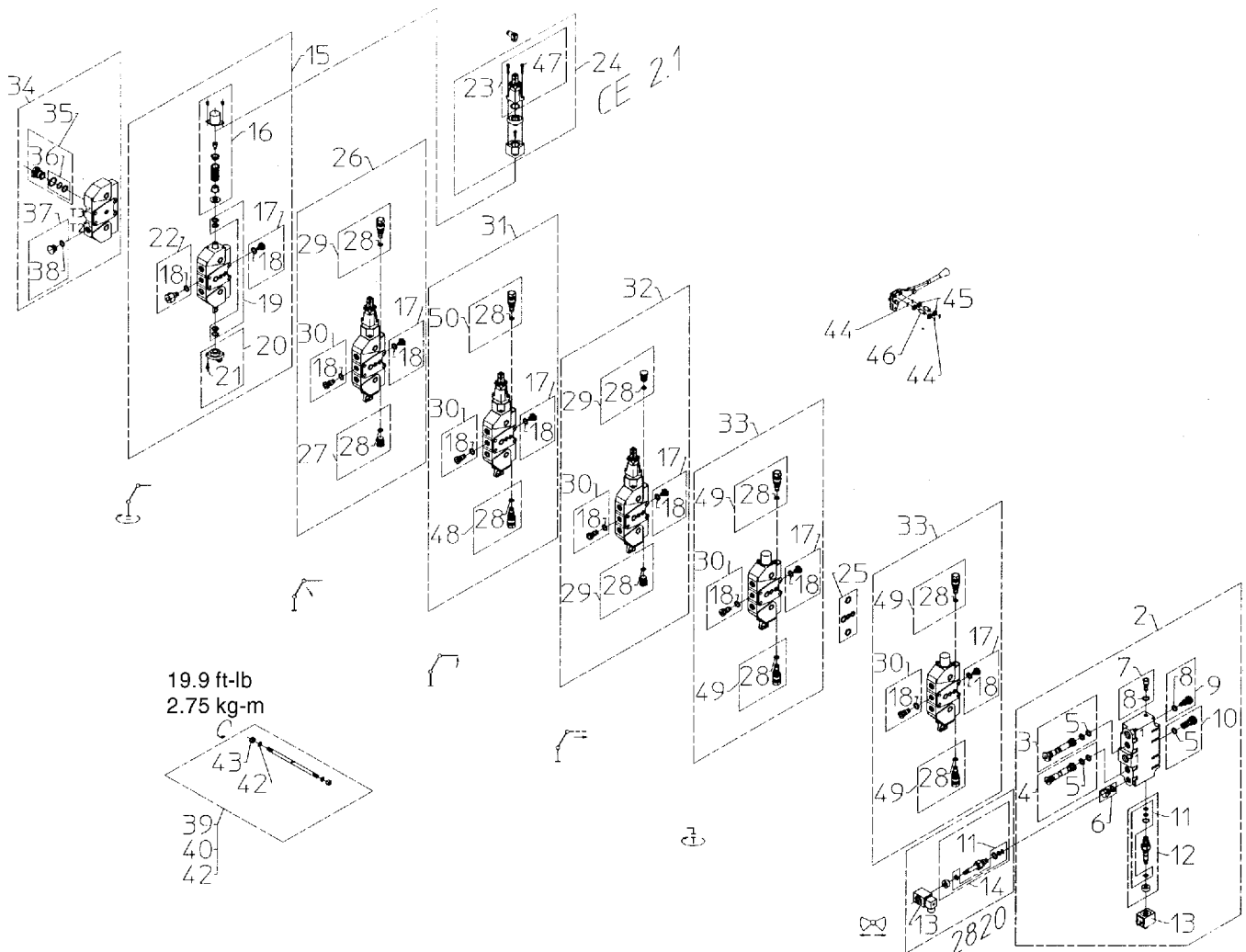
25/180: 511 05 010: 20001110

VALVE BLOCK RSQ 246

- | | | |
|-----|--------|--------------------------|
| 2. | 59 186 | INLET SECTION |
| 3. | 58 802 | COMPENSATOR |
| 4. | 58 801 | SPOOL |
| 5. | 59 202 | SEAL KIT |
| 6. | 59 212 | PLUG |
| 7. | 59 242 | RELIEF VALVE |
| 8. | 59 236 | SEAL KIT |
| 9. | 58 803 | ONE WAY RESTRICTOR VALVE |
| 10. | 58 804 | RESTRICTOR VALVE |
| 11. | 61 779 | SEAL KIT |
| 12. | 61 776 | DUMP VALVE |
| 13. | 61 777 | SOLENOID 12V |
| 14. | 59 025 | MAGNETIC CARTRIDGE |
| 15. | 59 188 | CONTROL VALVE |
| 16. | 58 812 | SPRING KIT |
| 17. | 58 805 | CHECK VALVE |
| 18. | 59 204 | SEAL KIT |
| 19. | 59 203 | SEAL KIT |
| 20. | 58 810 | LEVER BRACKET |
| 21. | 30 433 | SCREW MC5X16 |
| 22. | 58 806 | FLOW CONTROL VALVE |
| 23. | 59 243 | SPOOL SENSOR REP. |
| 24. | 59 241 | SPOOL SENSOR |
| 25. | 59 201 | SEAL KIT |

PARTS-32

- | | | |
|-----|--------|-------------------------------|
| 26. | 59 189 | CONTROL VALVE |
| 27. | 58 808 | RELIEF & ANTI-CAV VALVE 50BAR |
| 28. | 61 749 | SEAL KIT |
| 29. | 58 809 | PLUG |
| 30. | 58 807 | CHECK VALVE |
| 31. | 59 190 | CONTROL VALVE |
| 32. | 59 191 | CONTROL VALVE |
| 33. | 59 192 | CONTROL VALVE |
| 34. | 59 187 | INLET SECTION |
| 35. | 61 355 | SERIES NIPPLE 3/4-1/2BSP |
| 36. | 61 382 | SEAL KIT 68 91 250 |
| 37. | 61 366 | PLUG 1/2BSP |
| 38. | 20 129 | O-RING 17.3X2.4 |
| 39. | 59 209 | STAY BOLT KIT |
| 40. | 59 208 | STAY BOLT KIT |
| 41. | 59 207 | STAY BOLT KIT |
| 42. | 31 192 | WASHER 10MM |
| 43. | 30 858 | NUT M10 |
| 44. | 61 320 | PIN LOCK |
| 45. | 59 215 | WASHER |
| 46. | 59 239 | PIN |
| 47. | 30 425 | SCREW MC5X30 |
| 48. | 58 813 | RELIEF&ANTI-CAV VALVE 200BAR |
| 49. | 58 814 | RELIEF&ANTI-CAV VALVE 220BAR |
| 50. | 58 815 | RELIEF&ANTI-CAV VALVE 320BAR |



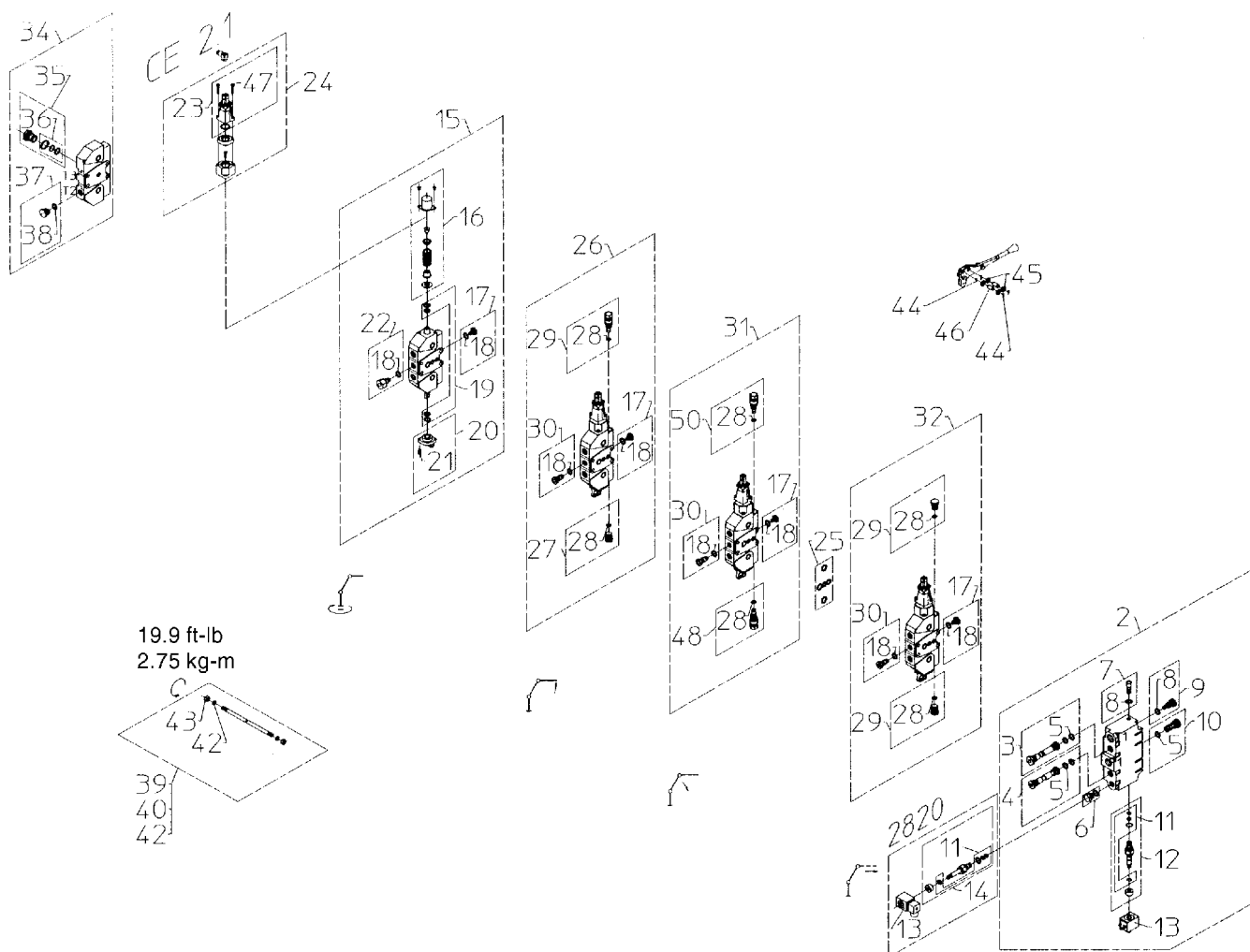
25/180: 511 05 020: 20001110

VALVE BLOCK RSQ 244

66 48 050	VALVE BLOCK 4-SECTION
66 48 020	VALVE BLOCK 4-SECTION
66 47 990	VALVE BLOCK 4-SECTION
2. 59 186	INLET SECTION
3. 58 802	COMPENSATOR
4. 58 801	SPOOL
5. 59 202	SEAL KIT
6. 59 212	PLUG
7. 59 242	RELIEF VALVE
8. 59 236	SEAL KIT
9. 58 803	ONE WAY RESTRICTOR VALVE
10. 58 804	RESTRICTOR VALVE
11. 61 779	SEAL KIT
12. 61 776	DUMP VALVE
13. 61 777	SOLENOID 12V
14. 59 025	MAGNETIC CARTRIDGE
15. 59 188	CONTROL VALVE
16. 58 812	SPRING KIT
17. 58 805	CHECK VALVE
18. 59 204	SEAL KIT
19. 59 203	SEAL KIT
20. 58 810	LEVER BRACKET
21. 30 433	SCREW MC5X16
22. 58 806	FLOW CONTROL VALVE

PARTS-33

23. 59 243	SPOOL SENSOR REP.
24. 59 241	SPOOL SENSOR
25. 59 201	SEAL KIT
26. 59 189	CONTROL VALVE
27. 58 808	RELIEF & ANTI-CAV VALVE 50BAR
28. 61 749	SEAL KIT
29. 58 809	PLUG
30. 58 807	CHECK VALVE
31. 59 190	CONTROL VALVE
32. 59 191	CONTROL VALVE
34. 59 187	INLET SECTION
35. 61 355	SERIES NIPPLE 3/4-1/2BSP
36. 61 382	SEAL KIT 68 91 250
37. 61 366	PLUG 1/2BSP
38. 20 129	O-RING 17.3X2.4
39. 59 209	STAY BOLT KIT
40. 59 208	STAY BOLT KIT
41. 59 207	STAY BOLT KIT
42. 31 192	WASHER 10MM
43. 30 858	NUT M10
44. 61 320	PIN LOCK
45. 59 215	WASHER
46. 59 239	PIN
47. 30 425	SCREW MC5X30
48. 58 813	RELIEF&ANTI-CAV VALVE 200BAR
50. 58 815	RELIEF&ANTI-CAV VALVE 320BAR



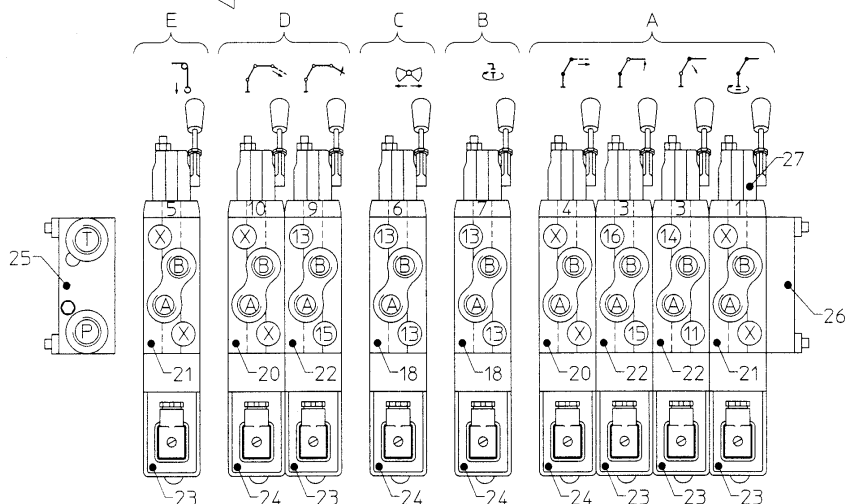
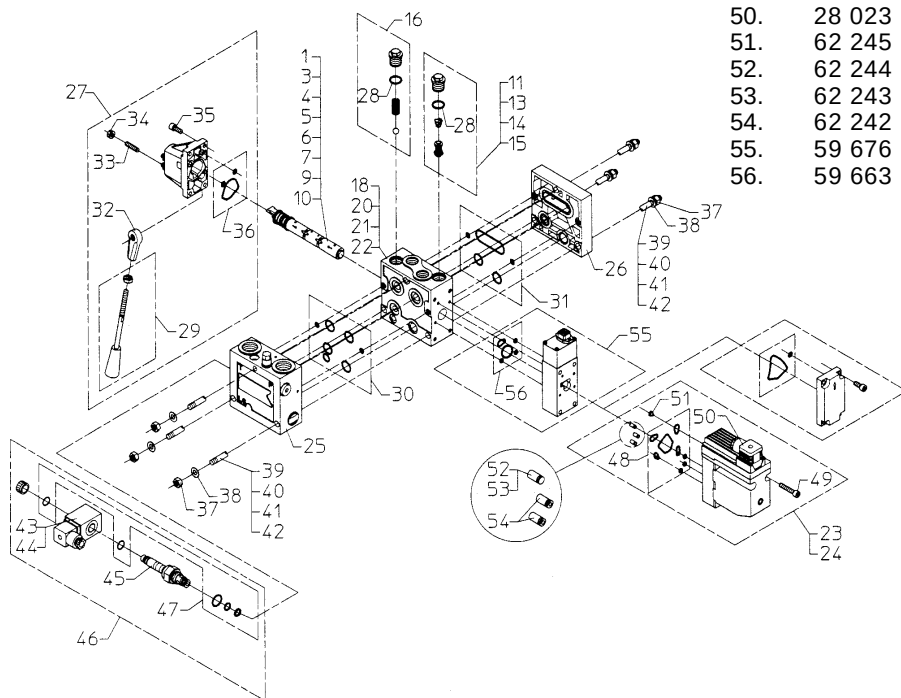
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VALVE GROUP PVG 32

	62 345	VALVE BLOCK A+D
1.	58 903	SPOOL
3.	62 026	SPOOL
4.	62 231	SPOOL
5.	62 055	SPOOL
6.	62 041	SPOOL
7.	58 905	SPOOL
9.	61 964	SPOOL
10.	62 010	SPOOL
11.	62 272	PORT RELIEF VALVE 63BAR
13.	62 278	PORT RELIEF VALVE 190BAR
14.	62 279	PORT RELIEF VALVE 210BAR
15.	62 283	PORT RELIEF VALVE 320BAR
16.	62 271	PORT RELIEF VALVE
18.	62 222	BASIC MODULE
20.	62 224	BASIC MODULE
21.	62 225	BASIC MODULE
22.	62 227	BASIC MODULE
23.	58 914	ELECTRIC MODULE 12V 157B-4086
24.	58 909	ELECTRIC MODULE 12V 157B-4616
25.	61 999	INLET SECTION

PARTS-34

26.	62 235	END PLATE
27.	58 907	LEVER MODULE
28.	62 052	O-RING 16.0X1.5
29.	62 062	LEVER
30.	62 237	SEAL KIT
31.	62 238	SEAL KIT
32.	62 063	LEVER FOOT
33.	61 967	SCREW
34.	61 965	NUT
35.	30 424	SCREW MC6X16
36.	62 239	SEAL KIT
37.	30 856	NUT M8
38.	62 044	WASHER Ø8.1X15.2X1.5
39.	62 060	STAY BOLT 4-SECT
40.	62 061	STAY BOLT 5-SECT
41.	62 045	STAY BOLT 6-SECT
42.	62 073	STAY BOLT KIT 7-SECT
43.	61 777	SOLENOID 12V
44.	61 778	SOLENOID 26V
45.	59 020	MAGNETIC CARTRIDGE
46.	59 642	MAGNETIC CARTRIDGE
47.	61 779	SEAL KIT
48.	62 240	SEAL KIT
49.	62 241	SOCKETHEAD SCREW M6X33
50.	28 023	PLUG
51.	62 245	FILTER
52.	62 244	ORIFICE
53.	62 243	ORIFICE
54.	62 242	CHECK VALVE
55.	59 676	SPOOL SENSOR
56.	59 663	SEAL KIT



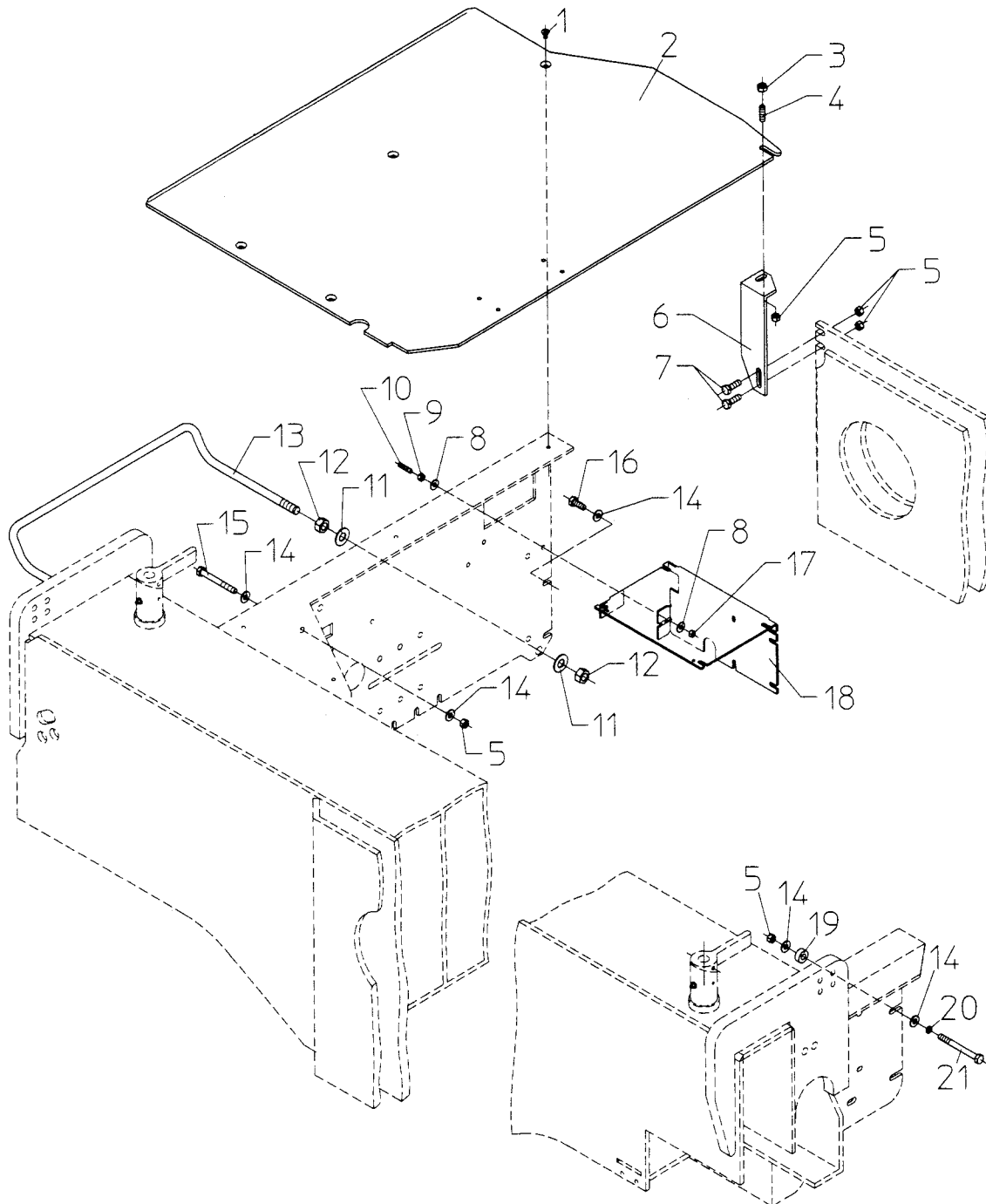
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VALVE BRACKETS

1.	31 570	SCREW-SS MK6X20	1
2.	62 95 442	COVER PLATE	1
3.	30 856	NUT M8	1
4.	30 559	POINTED SCR-SS MSP8X25	1
5.	30 886	LOCK NUT M8	
6.	62 95 434	BRACKET	1
7.	30 134	SET SCREW M8X25	2
8.	31 134	WASHER 6MM	4
9.	30 854	NUT M6	2
10.	30 560	POINTED SCREW MSP6X25	2
11.	31 173	WASHER 12MM	4
12.	30 860	NUT M12	4

PARTS-35

13.	62 34 243	SAFETY GUARD	1
14.	31 136	WASHER 8MM	16
15.	30 142	STEEL BOLT M8X70	3
16.	30 132	SET SCREW M8X20	4
17.	30 884	LOCK NUT M6	2
18.	62 95 413	VALVE BRACKET	1
19.	68 71 754	SPACER	3
20.	31 155	SPRING WASHER 8MM	3
21.	30 143	STEEL BOLT M8X80	3



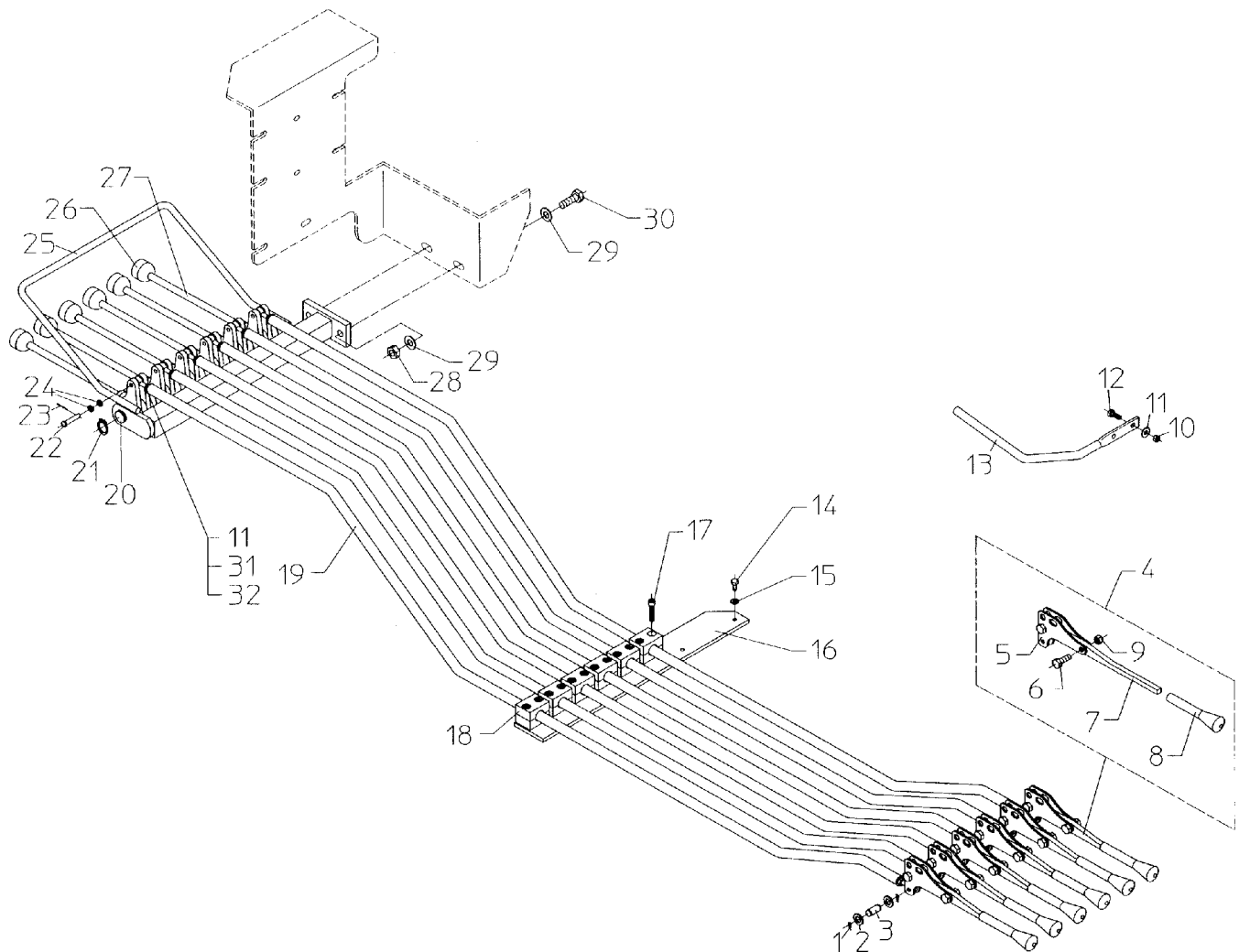
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DUAL CONTROL

1.	61 320	PIN LOCK	12
2.	59 215	WASHER	12
3.	59 239	PIN	6
4.	62 95 800	LEVER-COMplete	6
5.	62 95 824	PLATE	
6.	30 133	SET SCREW M8X22	
7.	62 95 814	LEVER	
8.	48 406	KNOB	
9.	30 886	LOCK NUT M8	
10.	30 884	LOCK NUT M6	2
11.	31 134	WASHER 6MM	14
12.	30 112	SET SCREW M6X16	2
13.	62 96 104	PROTECTIVE CLAMP	1
14.	30 111	SET SCREW M6X12	2
15.	31 154	SPRING WASHER 6MM	2

PARTS-36

16.	62 95 833	BRACKET	1
17.	30 961	SCREW MC6X30	12
18.	31 804	CLAMP 18MM	6
19.	62 95 844	CONNECTING ROD	6
20.	66 61 034	LEVER PIN	1
21.	33 107	CIRCLIP 19U	2
22.	31 274	COTTER BOLT Ø6X30	6
23.	31 601	SPLIT PIN Ø1.5X20	12
24.	64 286	WASHER 6MM	12
25.	61 82 743	DUAL CTRL BRACKET	1
26.	64 256	BALL W/BUSHING #753	6
27.	66 60 913	CTRL LEVER-LG	6
28.	30 858	NUT M10	2
29.	31 172	WASHER 10MM	4
30.	30 156	SET SCREW M10X30	2
31.	32 114	PIN M6X40	12
32.	30 854	NUT M6	12



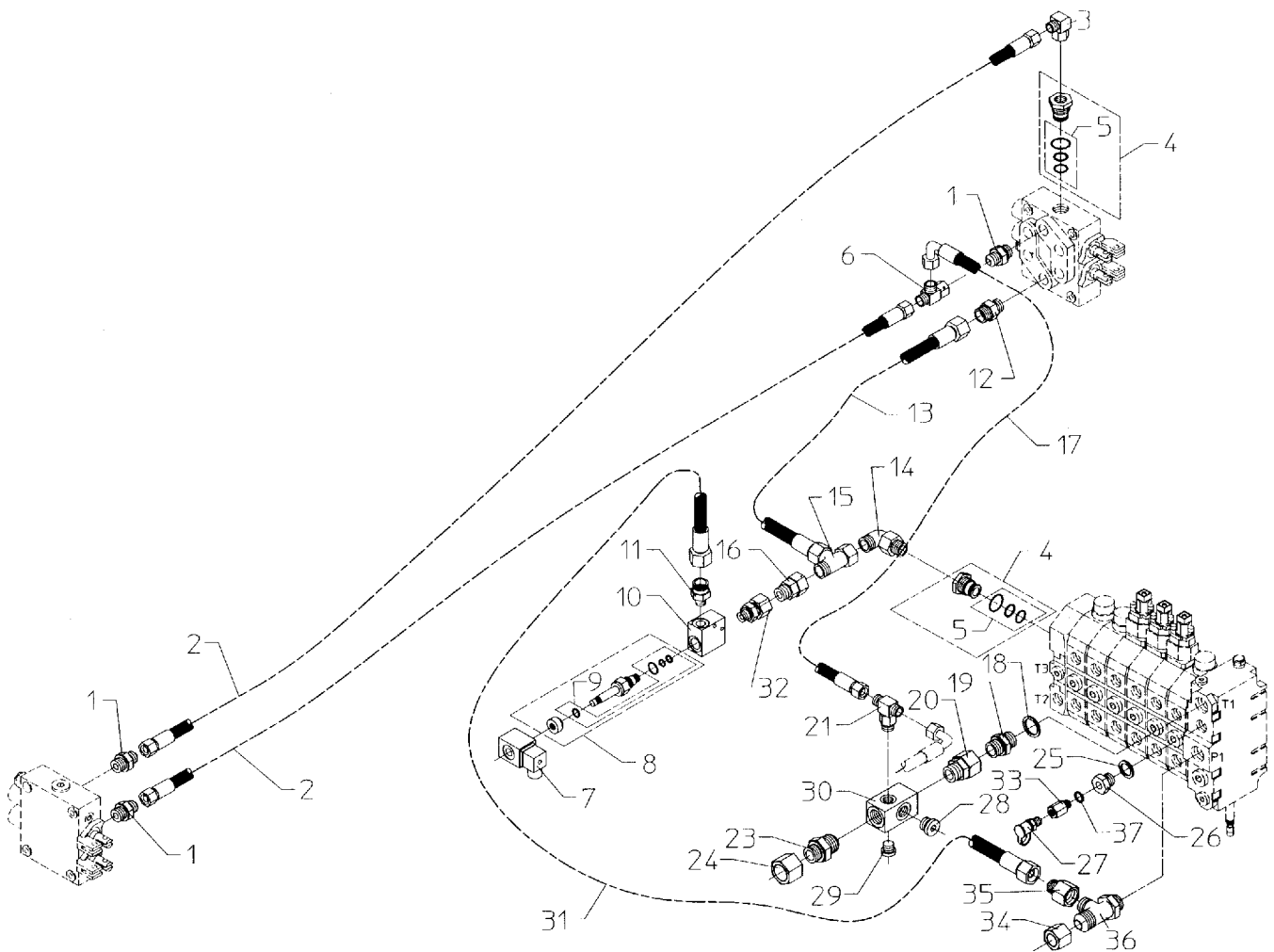
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HYD SYS-PUMP & TANK-RSQ 240

1.	25 832	CONN JIC F40XS12-1/2	3
2.	62 939	HOSE JIC 3/8X2350 O/O	2
3.	25 806	ELBOW CONNECTION 12MM	1
4.	61 355	SERIES NIPPLE 3/4-1/2BSP	2
5.	61 382	SEAL KIT 68 91 250	
6.	25 874	CONNECTION R6X12	1
7.	61 777	SOLENOID 12V	1
8.	59 025	MAGNETIC CARTRIDGE	
9.	61 779	SEAL KIT	
10.	59 771	VALVE HOUSING	1
11.	25 787	CONNECTION F4BX-S16-3/8	2
12.	25 833	CONN JIC F40XS14/16-1/2	1
13.	62 967	HOSE JIC 1/2X400 O/O	1
14.	25 839	CONN JIC C40XS14/16-1/2	1
15.	25 756	CONNECTION R6BX-S15	1
16.	25 872	REDUCER 14/16-12	1
17.	62 956	HOSE JIC 3/8X550 V/O	1
18.	21 108	SEAL WASHER Ø27X34.93X2.34	1

PARTS-37

19.	25 169	CONNECTION P-GEV22LR	1
20.	25 279	CONNECTION EGESD22LR-WD	1
21.	25 807	CONNECTION 12MM	1
23.	25 836	SCR IN CONN JIC F40XS25-3/4	1
24.	25 848	SCREW CAP JIC FNTXS25	1
25.	21 106	SEAL WASHER Ø21.5X28.7X2.5	1
26.	25 180	CONNECTION RED-R1/2/R1/4	1
27.	59 840	QUICK RELEASE COUPLING M	1
28.	25 103	PLUG VS-R-1/2WD	1
29.	25 277	PLUG VS-R-3/8WD	1
30.	59 355	RETURN BLOCK 61 76 874	1
31.	62 917	HOSE JIC 1/2X600 O/O	1
32.	25 875	CONNECTION 12-3/8	1
33.	25 859	SOCKET NV18	1
34.	25 842	PLUG FNTXS18/20	1
35.	25 817	REDUCING CONNECTION	1
36.	25 864	CONNECTION 18/20-3/4	1
37.	21 102	SEAL WASHER Ø14X18.7X1.5	1



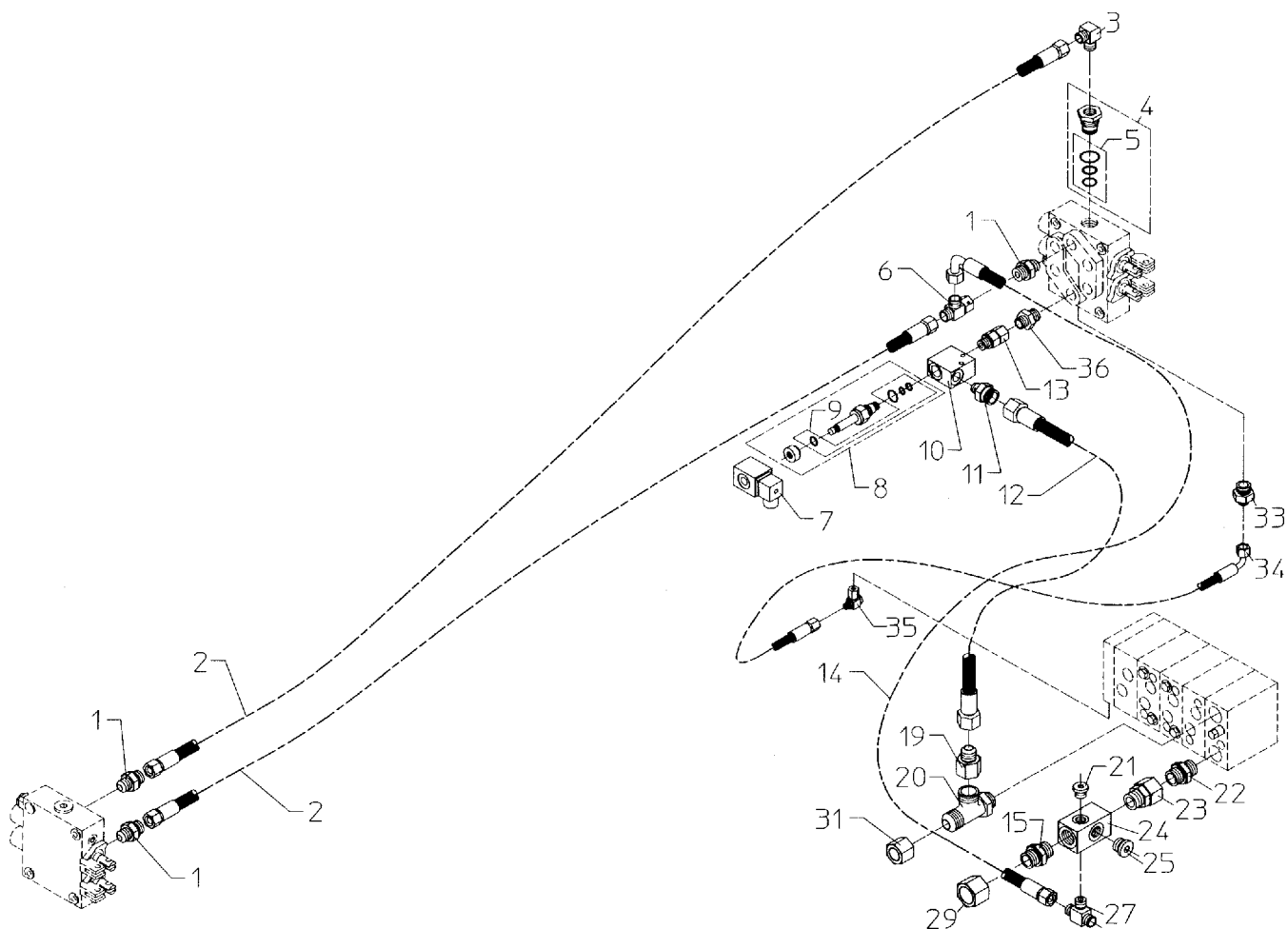
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HYD SYS-PUMP & TANK-DANFOSS

1.	25 832	CONN JIC F40XS12-1/2	3
2.	62 939	HOSE JIC 3/8X2350 O/O	2
3.	25 806	ELBOW CONNECTION 12MM	1
4.	61 355	SERIES NIPPLE 3/4-1/2BSP	1
5.	61 382	SEAL KIT 68 91 250	
6.	25 874	CONNECTION R6X12	1
7.	61 777	SOLENOID 12V	1
8.	59 025	MAGNETIC CARTRIDGE	
9.	61 779	SEAL KIT	
10.	59 771	VALVE HOUSING	1
11.	25 787	CONNECTION F4BX-S16-3/8	2
12.	62 917	HOSE JIC 1/2X600 O/O	1
13.	25 240	CONNECTION EGESD12LR-WD	1
14.	62 879	HOSE JIC 3/8X850 V/O	1

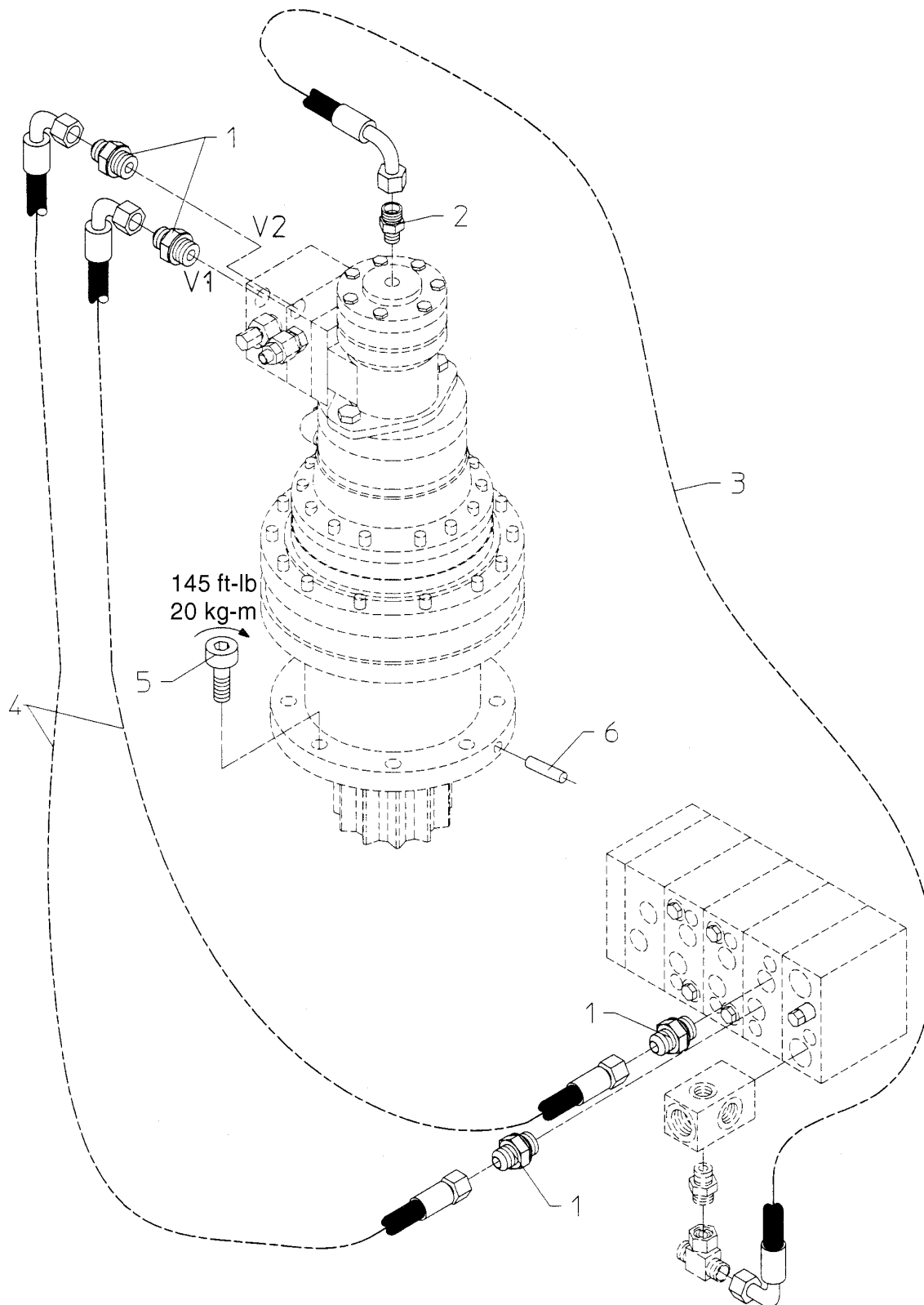
PARTS-38

15.	25 836	SCR IN CONN JIC F40XS25-3/4	1
19.	25 817	REDUCING CONNECTION	1
20.	25 864	CONNECTION 18/20-3/4	1
21.	25 277	PLUG VS-R-3/8WD	1
22.	25 169	CONNECTION P-GEV22LR	2
23.	25 279	CONNECTION EGESD22LR-WD	1
24.	59 355	RETURN BLOCK 61 76 874	1
25.	25 103	PLUG VS-R-1/2WD	1
27.	25 807	CONNECTION 12MM	1
29.	25 848	SCREW CAP JIC FNTXS25	1
31.	25 842	PLUG FNTXS18/20	1
33.	25 811	CONNECTION 10MM	1
34.	62 901	HOSE JIC 1/4X2500 V/O	1
35.	25 810	ELBOW CONNECTION 10MM	1
36.	25 108	CONN P-GEV12LR 1/2WD	1



HYD SYS-PLANETARY GEAR

1.	25 832	CONN JIC F40XS12-1/2	4
2.	25 812	ELBOW CONNECTION 12MM	1
3.	62 903	HOSE JIC 3/8X1100 V/O	1
4.	62 879	HOSE JIC 3/8X850 V/O	2
5.	30 483	SCREW MC14X40	8
6.	31 259	SOCKETHEAD PIN Ø10X40	1



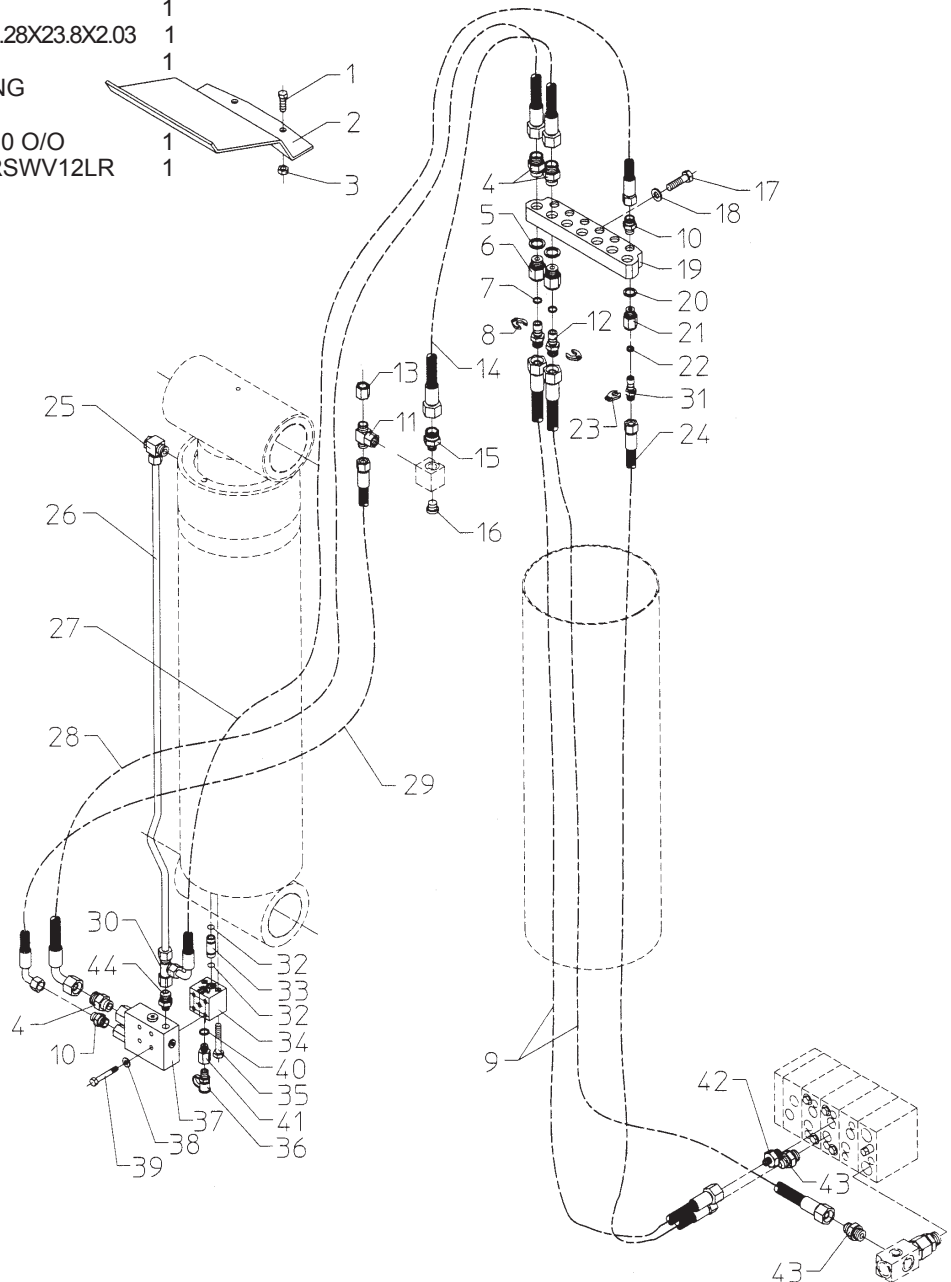
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HYD SYS-INNER BOOM CYLINDER

PARTS-40

1.	30 156	SET SCREW M10X30	2
2.	62 94 543	HOSE PLATE	1
3.	30 858	NUT M10	2
4.	25 833	CONN JIC F40XS14/16-1/2	3
5.	21 106	SEAL WASHER Ø21.5X28.7X2.5	2
6.	25 888	CONNECTION	2
7.	25 883	DEMOUNTING RING	
8.	25 886	DEMOUNTING RING	
9.	62 933	HOSE JIC 1/2X3000 O/O	2
10.	25 831	CONN JIC F40XS12-3/8	1
11.	25 807	CONNECTION 12MM	1
12.	25 879	CONNECTION	1
13.	25 876	SCREW CAP 12MM	1
14.	62 916	HOSE JIC 1/2X900 O/O	1
15.	25 787	CONNECTION F4BX-S16-3/8	1
16.	25 277	PLUG VS-R-3/8WD	1
17.	30 180	STEEL BOLT M12X45	1
18.	31 158	SPRING WASHER 12MM	1
19.	62 92 053	BRACKET	1
20.	21 104	SEAL WASHER Ø17.28X23.8X2.03	1
21.	25 887	CONNECTION	1
22.	25 882	DEMOUNTING RING	
23.	25 885	MOUNTING STOP	
24.	62 950	HOSE JIC 3/8X3000 O/O	1
25.	25 130	BANJO CONN P-RSWV12LR	1

26.	62 94 834	PIPE (WAS 63 60 124)	1
27.	62 944	HOSE JIC 3/8X2200 V/O	1
28.	62 931	HOSE JIC 1/2X2200 V/O	1
29.	62 904	HOSE JIC 3/8X1250 V/O	1
30.	25 874	CONNECTION R6X12	1
31.	25 878	CONNECTION	1
32.	20 136	O-RING 13.1X1.6	2
33.	62 92 834	PIPE	1
34.	62 92 843	BLOCK	1
35.	30 161	STEEL BOLT M10X60	2
36.	59 840	QUICK RELEASE COUPLING M	1
37.	59 023	LOAD HOLDING VALVE	1
38.	31 136	WASHER 8MM	4
39.	30 140	STEEL BOLT M8X55	4
40.	21 102	SEAL WASHER Ø14X18.7X1.5	1
41.	25 859	SOCKET NV18	1
42.	25 811	CONNECTION 10MM	1
43.	25 832	CONN JIC F40XS12-1/2	2
44.	25 867	REDUCING CONNECTION	1

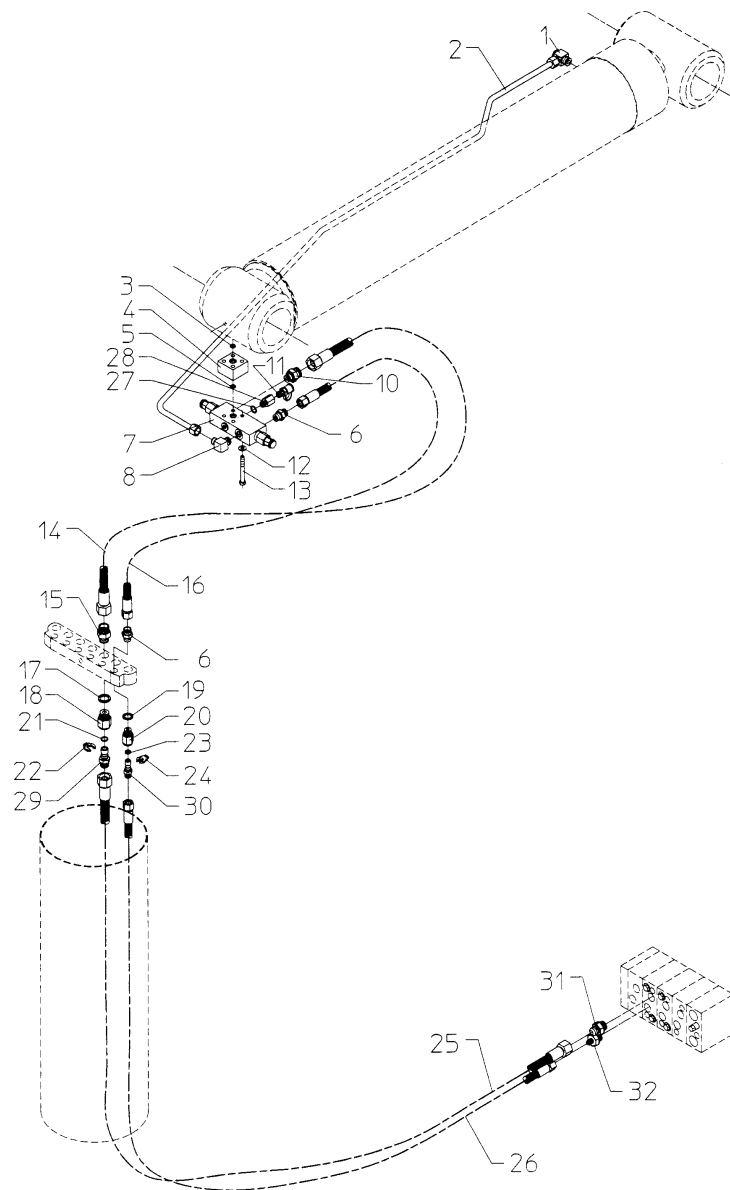


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HYD SYS-OUTER (JIB) CYLINDER

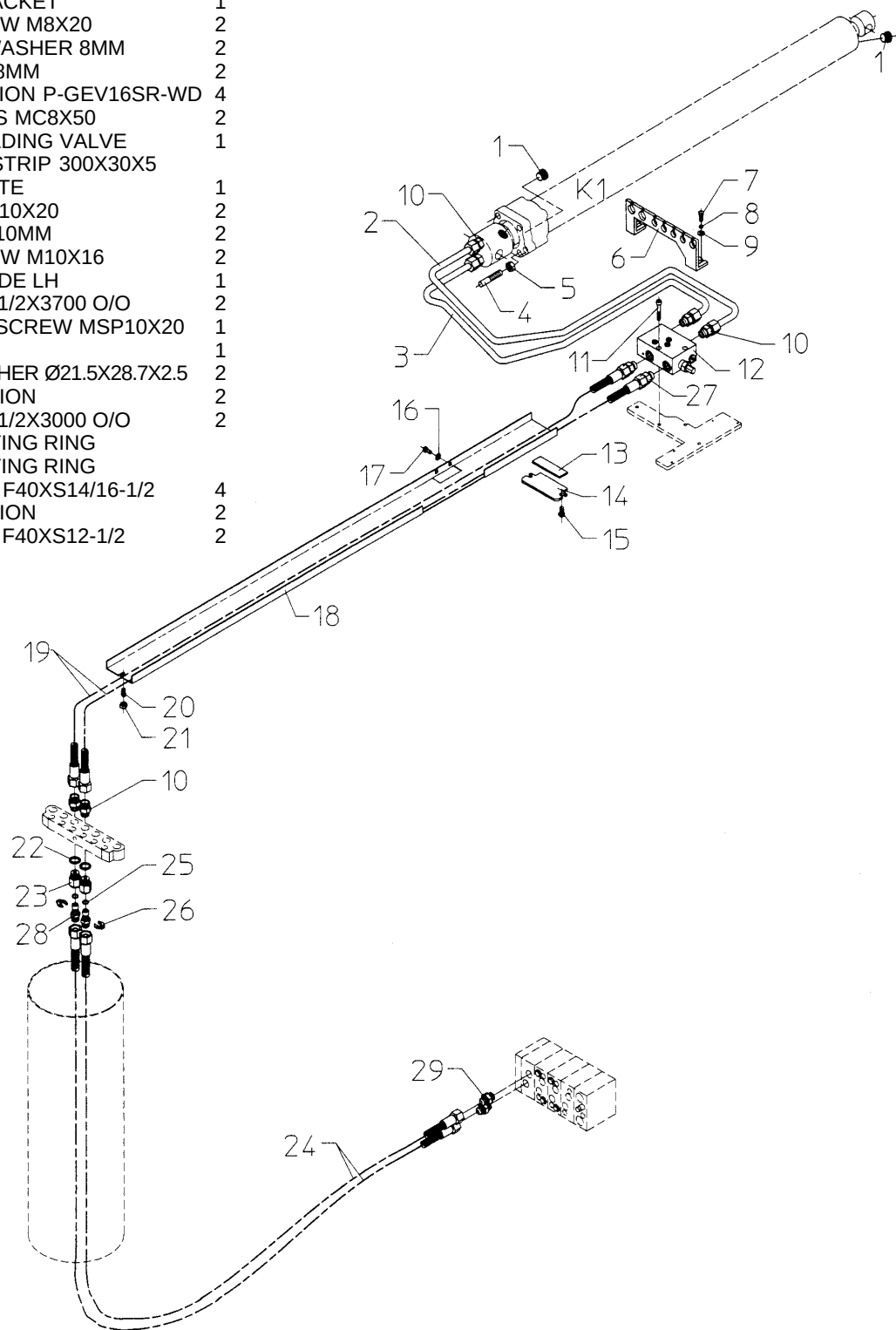
PARTS-41

1.	25 130	BANJO CONN P-RSWV12LR	1
2.	63 70 164	PIPE	1
3.	20 133	O-RING 12.3X2.4	1
4.	62 94 494	BLOCK	1
5.	20 138	O-RING 10.77X2.62	1
6.	25 831	CONN JIC F40XS12-3/8	2
7.	59 027	LOAD HOLDING VALVE	1
8.	25 242	CONNECTION EWSD12L	1
9.	25 277	PLUG VS-R-3/8WD	1
10.	25 787	CONNECTION F4BX-S16-3/8	1
11.	59 840	QUICK RELEASE COUPLING M	1
12.	31 136	WASHER 8MM	4
13.	30 142	STEEL BOLT M8X70	4
14.	62 922	HOSE JIC 1/2X1400 O/O	1
15.	25 833	CONN JIC F40XS14/16-1/2	1
16.	62 942	HOSE JIC 3/8X1450 O/O	1
17.	21 106	SEAL WASHER Ø21.5X28.7X2.5	1
18.	25 888	CONNECTION	1
19.	21 104	SEAL WASHER Ø17.28X23.8X2.03	1
20.	25 887	CONNECTION	1
21.	25 883	DEMOUNTING RING	
22.	25 886	DEMOUNTING RING	
23.	25 882	DEMOUNTING RING	
24.	25 885	MOUNTING STOP	
25.	62 933	HOSE JIC 1/2X3000 O/O	1
26.	62 950	HOSE JIC 3/8X3000 O/O	1
27.	21 102	SEAL WASHER Ø14X18.7X1.5	1
28.	25 859	SOCKET NV18	1
29.	25 879	CONNECTION	1
30.	25 878	CONNECTION	1
31.	25 832	CONN JIC F40XS12-1/2	1
32.	25 811	CONNECTION 10MM	1



HYD SYS-EXT CYLINDER K1

1.	25 103	PLUG VS-R-1/2WD	2
2.	62 94 814	PIPE	1
3.	62 94 824	PIPE	1
4.	62 95 854	SWIVEL	1
5.	30 862	NUT M14	1
6.	62 94 023	HOSE BRACKET	1
7.	30 132	SET SCREW M8X20	2
8.	31 155	SPRING WASHER 8MM	2
9.	31 136	WASHER 8MM	2
10.	26 334	CONNECTION P-GEV16SR-WD	4
11.	31 957	SCREW SS MC8X50	2
12.	59 005	LOAD HOLDING VALVE	1
13.	42 276	RUBBER STRIP 300X30X5	
14.	62 94 574	LOCK PLATE	1
15.	30 926	SCREW M10X20	2
16.	31 172	WASHER 10MM	2
17.	30 153	SET SCREW M10X16	2
18.	62 94 563	HOSE GUIDE LH	1
19.	62 932	HOSE JIC 1/2X3700 O/O	2
20.	32 417	POINTED SCREW MSP10X20	1
21.	30 858	NUT M10	1
22.	21 106	SEAL WASHER Ø21.5X28.7X2.5	2
23.	25 888	CONNECTION	2
24.	62 933	HOSE JIC 1/2X3000 O/O	2
25.	25 883	DEMOUNTING RING	
26.	25 886	DEMOUNTING RING	
27.	25 833	CONN JIC F40XS14/16-1/2	4
28.	25 879	CONNECTION	2
29.	25 832	CONN JIC F40XS12-1/2	2

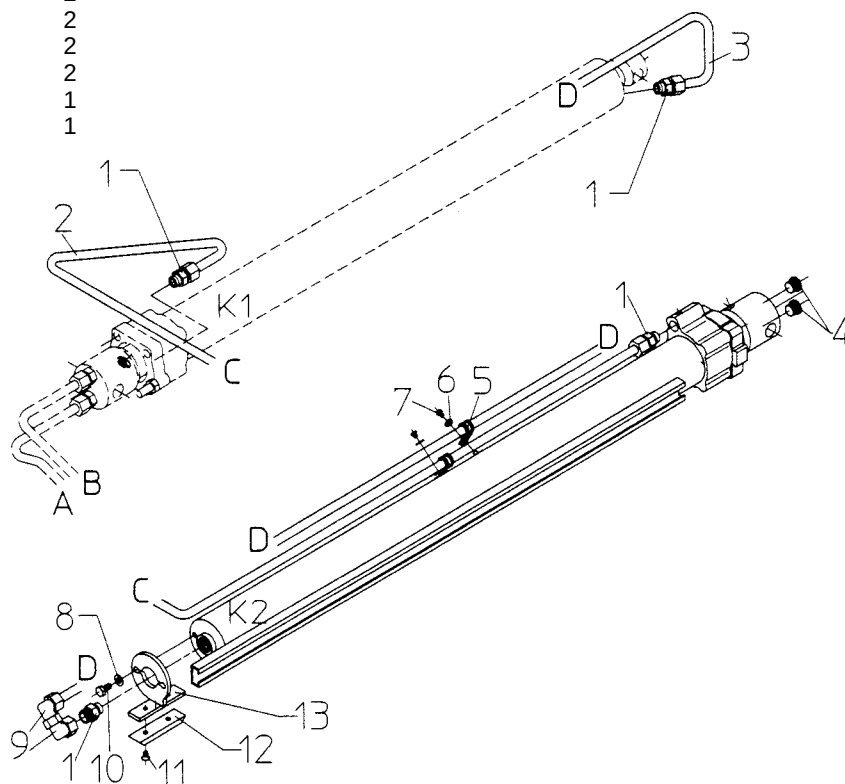


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PARTS-43

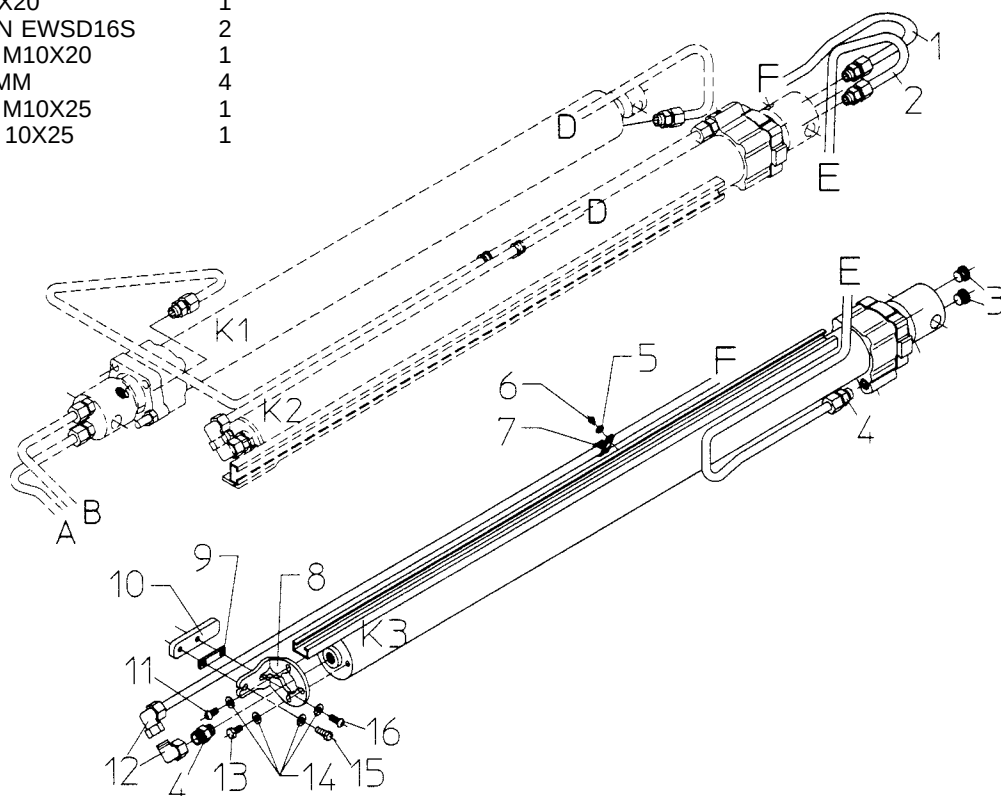
HYD SYS-EXT CYLINDER K2

1.	26 334	CONNECTION P-GEV16SR-WD	4
2.	62 94 224	PIPE	1
3.	62 94 214	PIPE	1
4.	25 103	PLUG VS-R-1/2WD	2
5.	31 446	SUSPENSION 15-16MM	2
6.	31 134	WASHER 6MM	2
7.	30 109	SET SCREW M6X8	2
8.	31 172	WASHER 10MM	2
9.	26 340	CONNECTION EWSD16S	2
10.	30 154	SET SCREW M10X20	2
11.	30 597	C'SUNK SCREW MK8X12	2
12.	63 846	SLIDE BLOCK 62 94 424	1
13.	62 94 404	LOCK PLATE	1



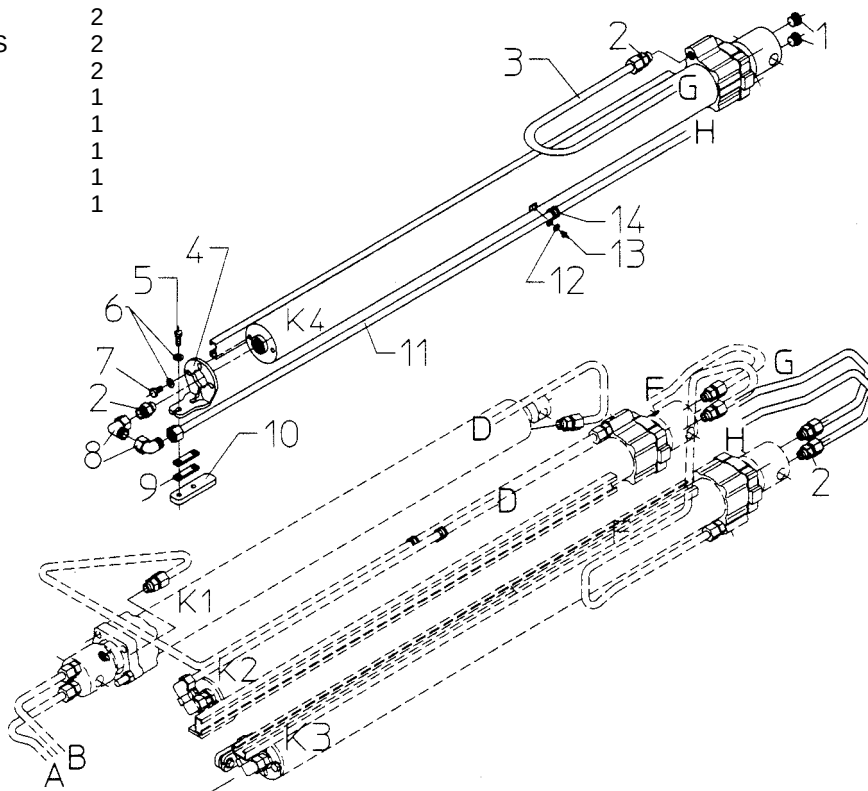
HYD SYS-EXT CYLINDER K3

1.	62 94 234	PIPE	1
2.	62 94 244	PIPE	1
3.	25 103	PLUG VS-R-1/2WD	2
4.	26 334	CONNECTION P-GEV16SR-WD	2
5.	31 134	WASHER 6MM	1
6.	30 109	SET SCREW M6X8	1
7.	31 446	SUSPENSION 15-16MM	1
8.	62 94 383	LOCK PLATE	1
9.	62 94 364	SPACER	1
10.	62 94 374	SLIDE BLOCK	1
11.	30 926	SCREW M10X20	1
12.	26 340	CONNECTION EWSD16S	2
13.	30 154	SET SCREW M10X20	1
14.	31 172	WASHER 10MM	4
15.	30 155	SET SCREW M10X25	1
16.	30 652	SCREW ULS 10X25	1



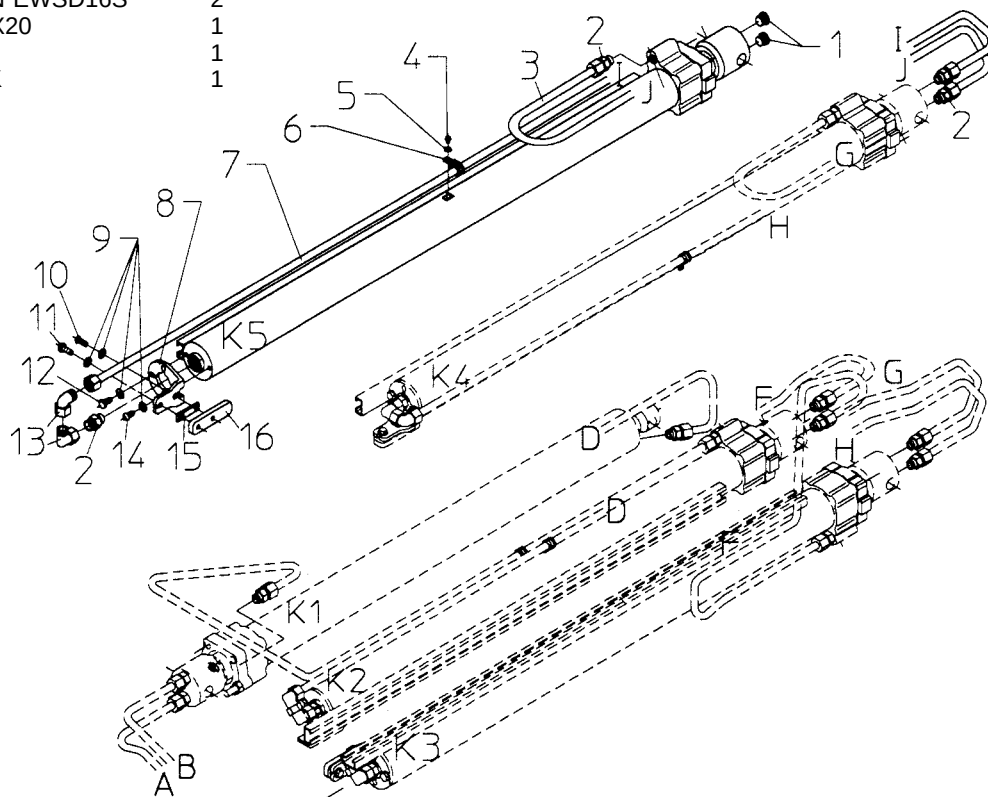
HYD SYS-EXT CYLINDER K4

1.	25 103	PLUG VS-R-1/2WD	2
2.	26 334	CONNECTION P-GEV16SR-WD	4
3.	62 94 264	PIPE	1
4.	62 94 383	LOCK PLATE	1
5.	30 156	SET SCREW M10X30	2
6.	31 172	WASHER 10MM	4
7.	30 154	SET SCREW M10X20	2
8.	26 340	CONNECTION EWSD16S	2
9.	62 94 364	SPACER	2
10.	62 94 374	SLIDE BLOCK	1
11.	62 94 254	PIPE	1
12.	31 134	WASHER 6MM	1
13.	30 109	SET SCREW M6X8	1
14.	31 446	SUSPENSION 15-16MM	1



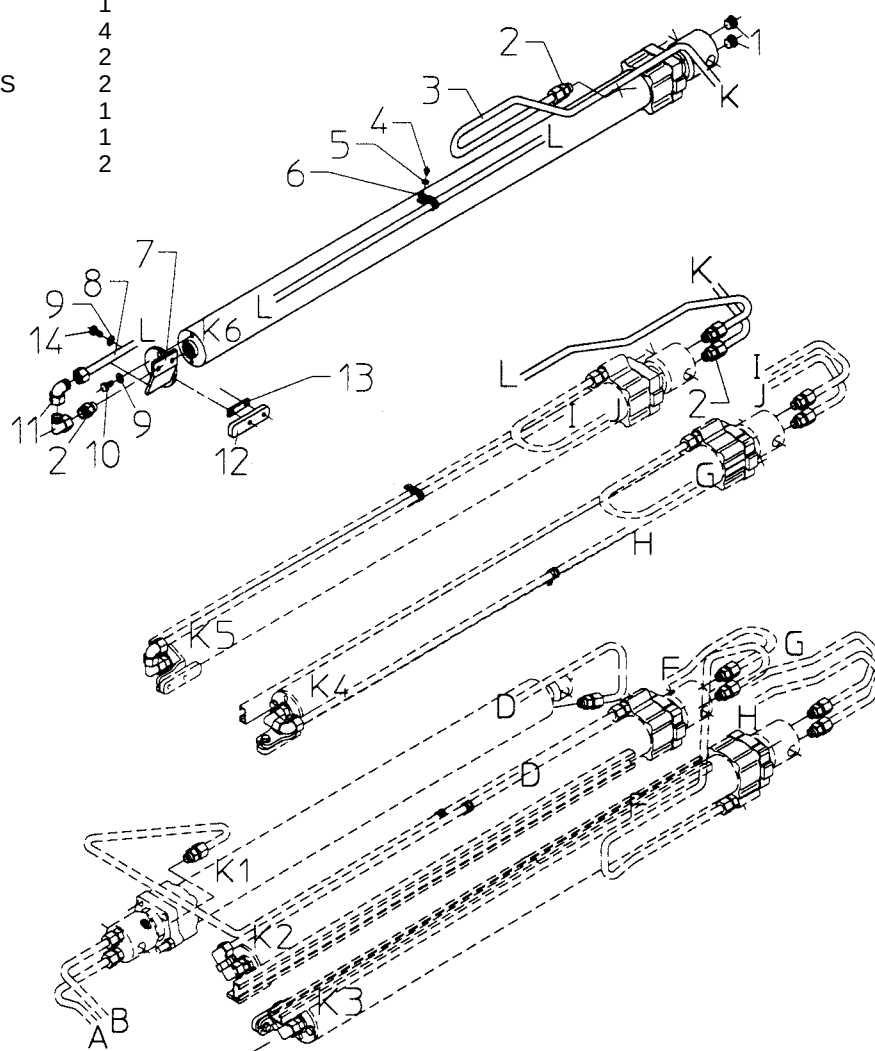
HYD SYS-EXT CYLINDER K5

1.	25 103	PLUG VS-R-1/2WD	2
2.	26 334	CONNECTION P-GEV16SR-WD	4
3.	62 94 284	PIPE	1
4.	30 109	SET SCREW M6X8	1
5.	31 134	WASHER 6MM	1
6.	31 446	SUSPENSION 15-16MM	1
7.	62 94 274	PIPE	1
8.	62 94 383	LOCK PLATE	1
9.	31 172	WASHER 10MM	4
10.	30 652	SCREW ULS 10X25	1
11.	30 155	SET SCREW M10X25	1
12.	30 154	SET SCREW M10X20	1
13.	26 340	CONNECTION EWSD16S	2
14.	30 926	SCREW M10X20	1
15.	62 94 364	SPACER	1
16.	62 94 374	SLIDE BLOCK	1



HYD SYS-EXT CYLINDER K6

1.	25 103	PLUG VS-R-1/2WD	2
2.	26 334	CONNECTION P-GEV16SR-WD	4
3.	62 94 304	PIPE	1
4.	30 109	SET SCREW M6X8	1
5.	31 134	WASHER 6MM	1
6.	31 446	SUSPENSION 15-16MM	1
7.	62 96 534	BRACKET	1
8.	62 94 294	PIPE	1
9.	31 172	WASHER 10MM	4
10.	30 154	SET SCREW M10X20	2
11.	26 340	CONNECTION EWSD16S	2
12.	62 94 374	SLIDE BLOCK	1
13.	62 94 364	SPACER	1
14.	30 155	SET SCREW M10X25	2

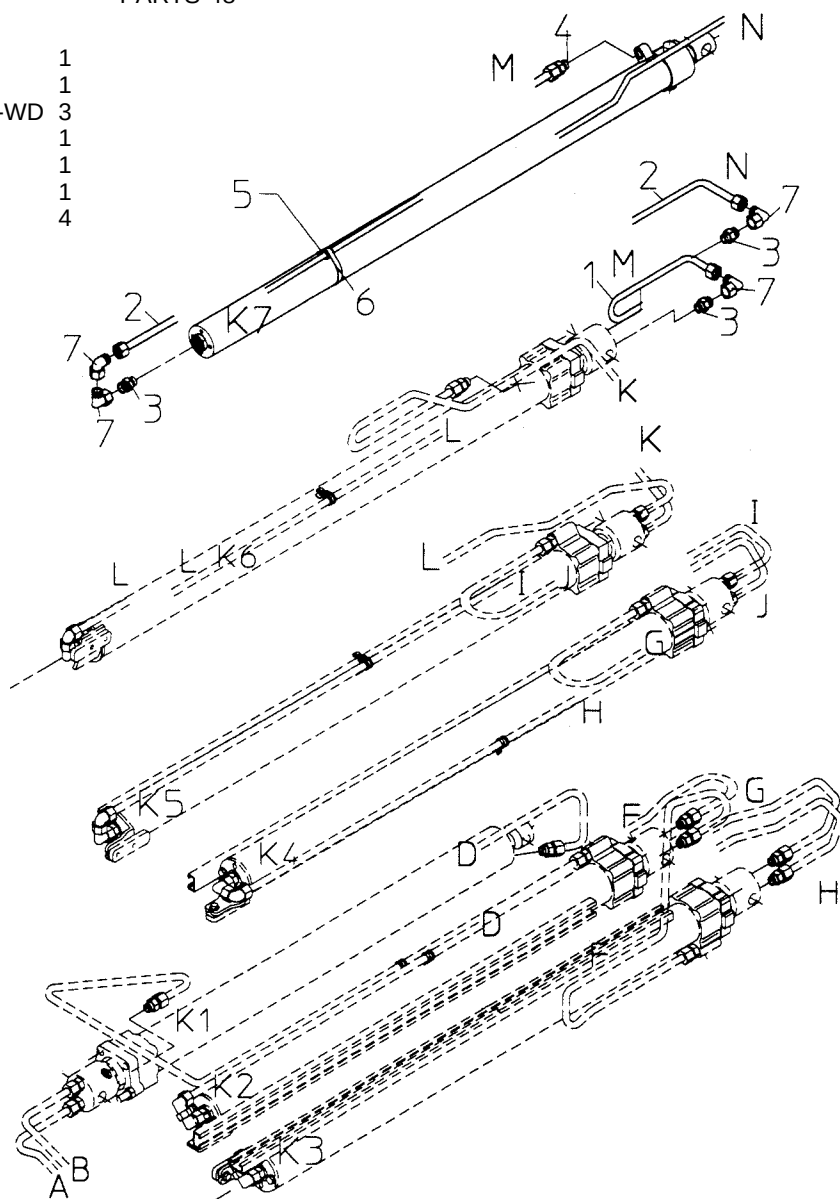


25/180: 511 05 410: 20001110

PARTS-48

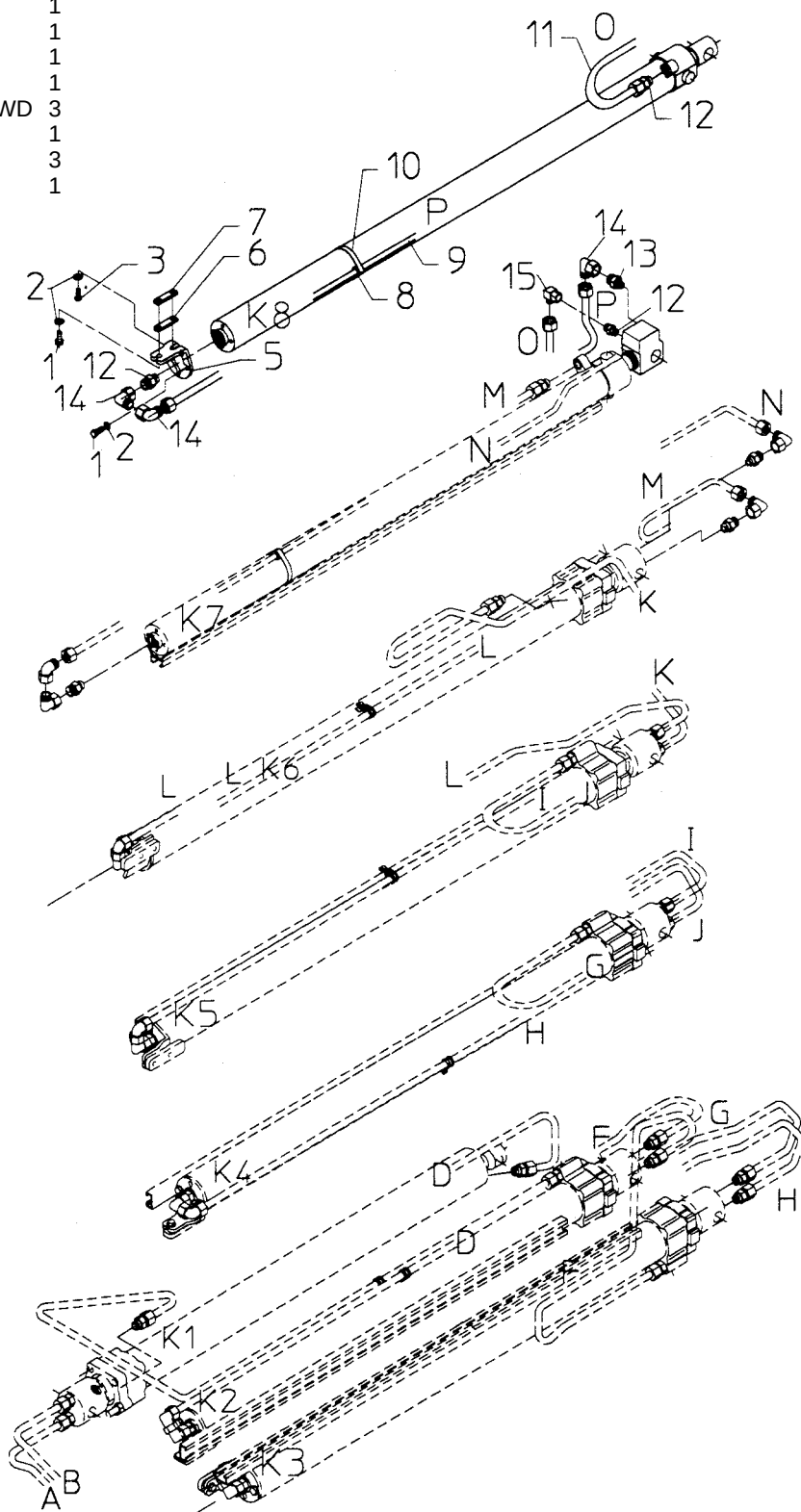
HYD SYS-EXT CYLINDER K7

1.	62 96 314	PIPE	1
2.	62 96 304	PIPE	1
3.	26 334	CONNECTION P-GEV16SR-WD	3
4.	26 368	CONN P-GEV16SR-WD3/8	1
5.	31 446	SUSPENSION 15-16MM	1
6.	31 485	CLIP S85/15SKZ	1
7.	26 340	CONNECTION EWSD16S	4



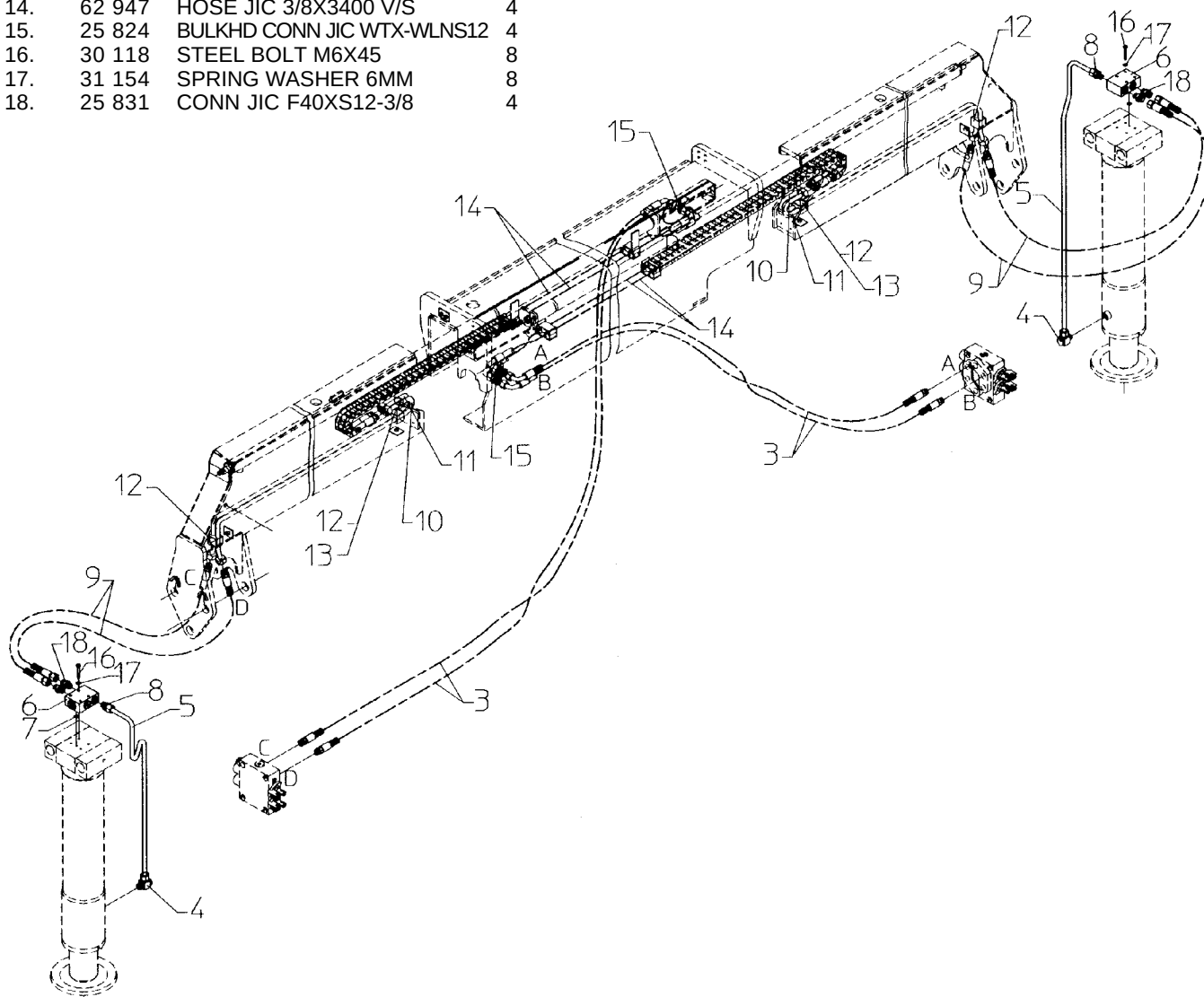
HYD SYS-EXT CYLINDER K8

1.	30 155	SET SCREW M10X25	4
2.	31 155	SPRING WASHER 10MM	3
3.	30 652	SCREW ULS 10X25	1
4.	31 172	WASHER 10MM	2
5.	62 97 323	PLATE	1
6.	62 94 364	SPACER	1
7.	62 94 374	SLIDE BLOCK	1
8.	31 446	SUSPENSION 15-16MM	1
9.	62 96 324	PIPE	1
10.	31 485	CLIP S85/15SKZ	1
11.	62 96 334	PIPE	1
12.	25 127	CONNECTION P-GEV12LR-WD	3
13.	26 368	CONN P-GEV16SR-WD3/8	1
14.	26 340	CONNECTION EWSD16S	3
15.	25 242	CONNECTION EWSD12L	1



HYD SYS-STABILIZER-TYPE SR

3.	62 945	HOSE JIC 3/8X2400 V/S	4
4.	25 130	BANJO CONN P-RSWV12LR	2
5.	62 96 084	PIPE	2
6.	59 924	PILOTED CHECK VALVE	2
7.	20 137	O-RING 9.19X2.62	
8.	25 127	CONN P-GEV12LR-WD	2
9.	62 940	HOSE JIC 3/8X500 S/O	4
10.	63 60 134	PIPE	2
11.	63 60 144	PIPE	1
12.	31 806	DOUBLE CLAMP 2X12MM	4
13.	30 959	SCREW MC6X35	2
14.	62 947	HOSE JIC 3/8X3400 V/S	4
15.	25 824	BULKHD CONN JIC WTX-WLNS12	4
16.	30 118	STEEL BOLT M6X45	8
17.	31 154	SPRING WASHER 6MM	8
18.	25 831	CONN JIC F40XS12-3/8	4



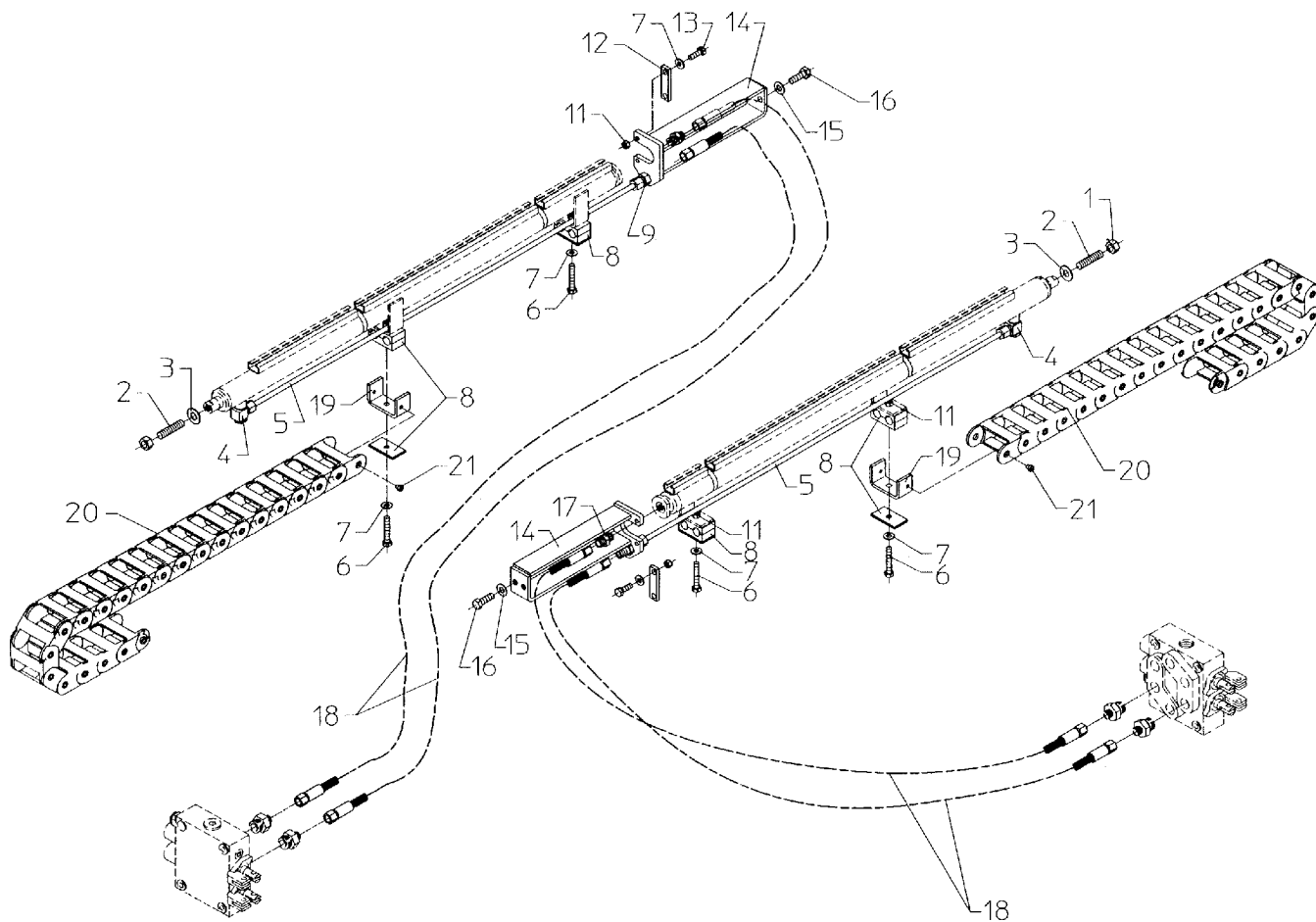
25/180: 511 05 550: 20001110

HYD SYS-BEAM CYL-TYPE S

1.	30 860	NUT M12	2
2.	32 223	POINTED SCR-SS MSP12X50	2
3.	31 194	WASHER 12MM	2
4.	25 113	BANJO CONN P-SWV8LR	2
5.	63 60 154	PIPE	2
6.	30 139	STEEL BOLT M8X50	4
7.	31 136	WASHER 8MM	8
8.	31 813	DOUBLE CLAMP 2X16MM	4
9.	25 823	BULKHD CONN JIC WTX-WLNS8	2
11.	30 886	LOCK NUT M8	8

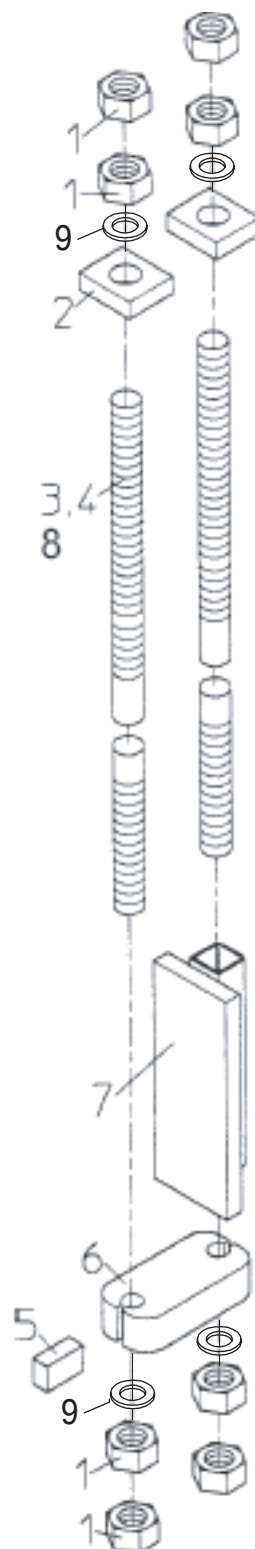
PARTS-51

12.	61 82 444	LOCK PLATE	2
13.	30 134	SET SCREW M8X25	4
14.	62 94 123	BRACKET	2
15.	31 172	WASHER 10MM	4
16.	30 156	SET SCREW M10X30	4
17.	25 829	CONN JIC F40XS8-1/4	2
18.	62 888	HOSE JIC 1/4X2650 O/O	4
19.	62 99 484	BRKT-NYLON DRAG CHAIN	2
20.	27 885	NYLON DRAG CHAIN	2
21.	31 006	SCREW M6X6	4



MOUNTING FITTINGS

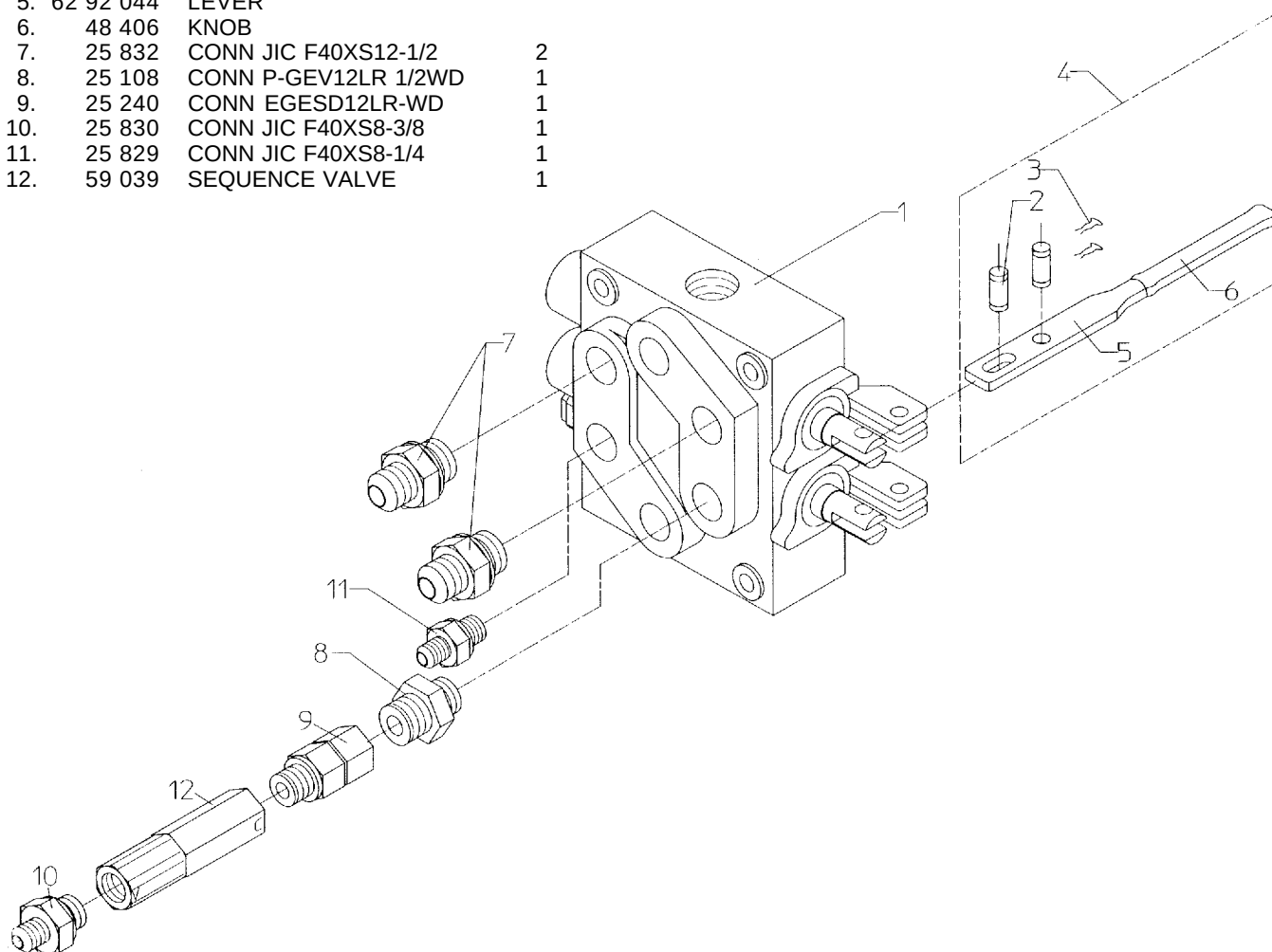
66 61 810	MOUNTING FITTINGS	
1. 32 313	NUT M30X2	32
	(was 30 895)	
2. 66 58 094	WASHER	8
3. 68 86 884	MOUNTING BOLT 850MM	2
	(was 66 58 284)	
4. 68 86 894	MOUNTING BOLT 950MM	2
	(was 68 86 894)	
5. 66 44 084	STOP BLOCK	8
6. 66 58 104	CLAMP	4
7. 66 58 234	SPACER	4
8. 68 86 904	MOUNTING BOLT 1050MM	4
9. 72062330	WASHER, HARDENED	16



25/180: 511 07 010: 20001110
VALVE GROUP-2 SECT RM232

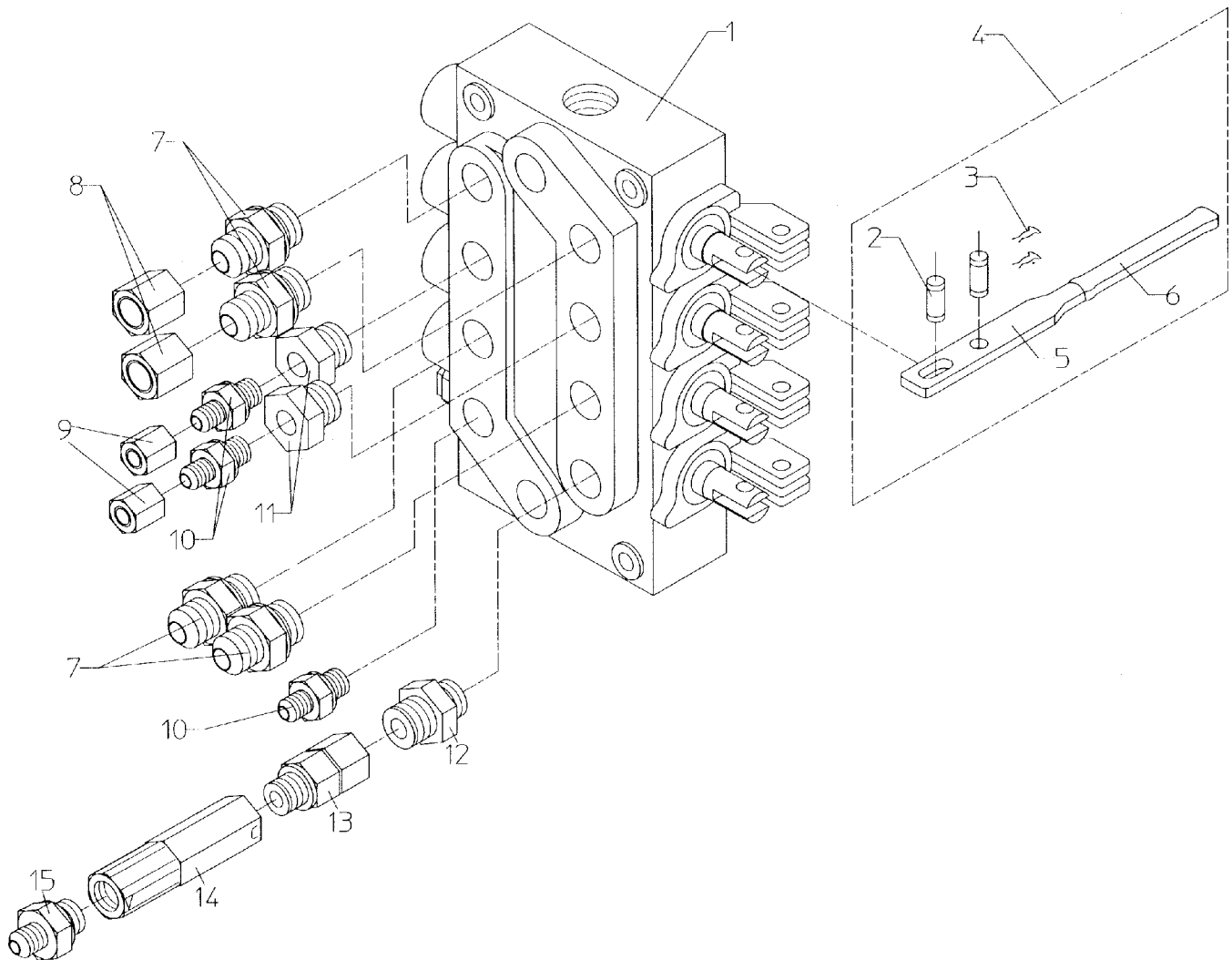
PARTS-53

1.	59 561	VALVE BLOCK	1
2.	61 364	PIN	
3.	61 320	PIN LOCK	
4.	62 95 250	LEVER	2
5.	62 92 044	LEVER	
6.	48 406	KNOB	
7.	25 832	CONN JIC F40XS12-1/2	2
8.	25 108	CONN P-GEV12LR 1/2WD	1
9.	25 240	CONN EGESD12LR-WD	1
10.	25 830	CONN JIC F40XS8-3/8	1
11.	25 829	CONN JIC F40XS8-1/4	1
12.	59 039	SEQUENCE VALVE	1



VALVE GROUP-4 SECT RM234

1.	59 122	VALVE BLOCK-COMPLETE	1
2.	61 364	PIN	
3.	61 320	PIN LOCK	
4.	62 95 250	LEVER	4
5.	62 92 044	LEVER	
6.	48 406	KNOB	
7.	25 832	CONN JIC F40XS12-1/2	4
8.	25 876	SCREW CAP 12MM	2
9.	25 847	SCREW CAP JIC FNTXS8	2
10.	25 829	CONN JIC F40XS8-1/4	3
11.	25 180	CONN RED-R1/2/R1/4	2
12.	25 108	CONN P-GEV12LR 1/2WD	1
13.	25 240	CONN EGESD12LR-WD	1
14.	59 039	SEQUENCE VALVE	1
15.	25 830	CONN JIC F40XS8-3/8	1



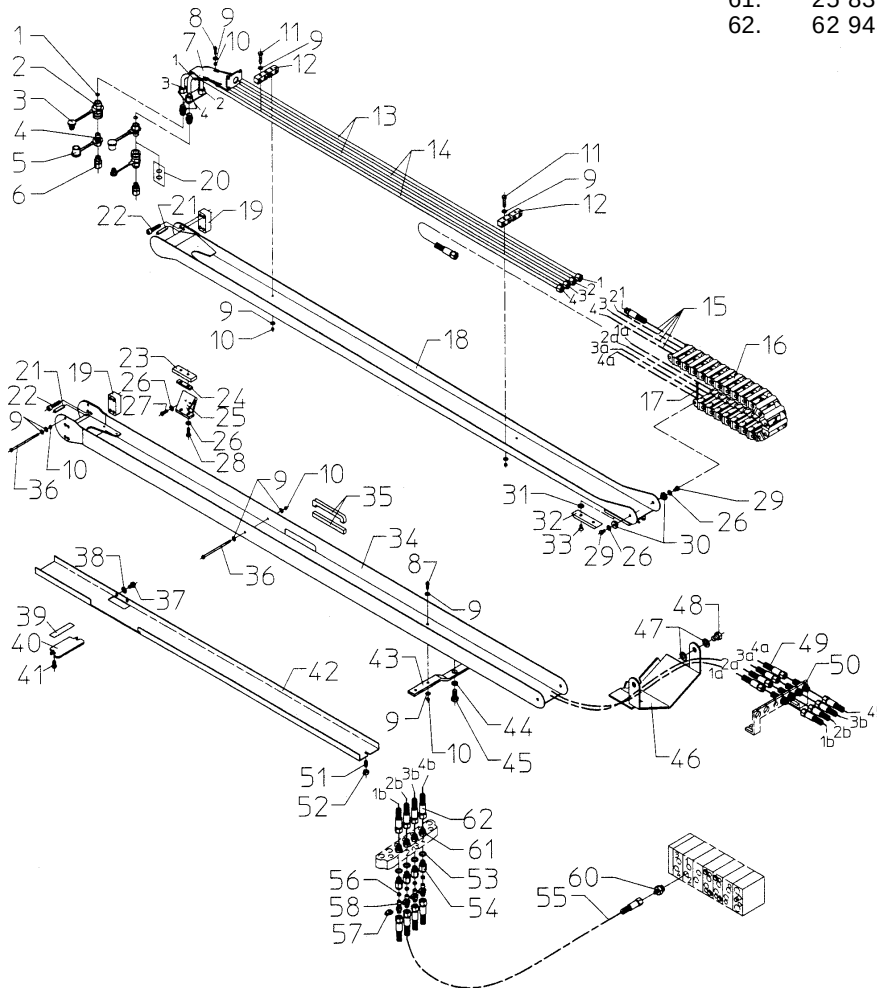
25/180: 511 07 180: 20001110

EXTRA VALVES-K2

1.	20 115	O-RING 12.42X1.78	4
2.	60 619	QUICK RELEASE COUP F 3/8	4
3.	60 621	DUST CAP M 3/8	4
4.	60 620	QUICK RELEASE COUP M 3/8	4
5.	60 622	DUST CAP F 3/8	4
6.	25 127	CONN P-GEV12LR-WD	4
7.	62 95 534	CLAMP	1
8.	30 113	SET SCREW M6X20	4
9.	31 134	WASHER 6MM	18
10.	30 884	LOCK NUT M6	10
11.	30 116	STEEL BOLT M6X35	4
12.	31 486	DOUBLE CLAMP	4
13.	63 60 404	PIPE	2
14.	62 85 394	PIPE	2
15.	62 954	HOSE JIC 3/8X3700 S/O	4
16.	27 588	NYLON DRAG CHAIN 44LED	1
17.	32 422	C'SUNK SCREW MK5X55	4
18.	62 94 692	PROTECTIVE PLATE	1
19.	62 95 044	SPACER	2
20.	60 635	SEAL KIT 3/8	
21.	32 220	RETAINING PIN Ø10X45	4
22.	32 221	SCREW MC10X45	4
23.	62 95 094	SLIDE BLOCK	1
24.	62 95 104	SPACER	1
25.	62 94 773	BRACKET	1
26.	31 136	WASHER 8MM	1
27.	30 132	SET SCREW M8X20	2
28.	30 134	SET SCREW M8X25	2
29.	30 130	SET SCREW M8X12	2

PARTS-55

30.	62 94 944	THREADED DISC	2
31.	31 177	WASHER 21X10.5X2	2
32.	63 846	SLIDE BLOCK 62 94 424	1
33.	31 587	C'SUNK SCREW MK8X16	2
34.	62 95 062	PROTECTIVE PLATE	1
35.	22 122	CLAMP PROFILE 0.35M	
36.	32 118	STEEL BOLT M6X130	2
37.	30 153	SET SCREW M10X16	2
38.	31 172	WASHER 10MM	2
39.	42 276	RUBBER STRIP 0.3M	
40.	62 94 574	LOCK PLATE	1
41.	30 926	SCREW M10X20	2
42.	62 94 553	HOSE GUIDE-COMplete	1
43.	62 95 553	BRACKET	1
44.	31 164	SPRING WASHER 14MM	2
45.	30 206	SET SCREW M14X30	2
46.	62 94 802	HOSE GUIDE	1
47.	31 135	WASHER Ø30X17X3	4
48.	32 120	SET SCREW M16X20	2
49.	62 943	HOSE JIC 3/8X1900 O/S	4
50.	25 824	BULKHD CONN JIC WTX-WLNS12	4
51.	32 417	POINTED SCREW MSP10X20	1
52.	30 858	NUT M10	1
53.	21 104	SEAL WASHER Ø17.28X23.8X2.03	4
54.	25 887	CONNECTION	4
55.	62 950	HOSE JIC 3/8X3000 O/O	4
56.	25 882	DEMOUNTING RING	
57.	25 885	MOUNTING STOP	
58.	25 878	CONNECTION	4
60.	25 811	CONNECTION 10MM	4
61.	25 831	CONN JIC F40XS12-3/8	4
62.	62 948	HOSE JIC 3/8X3700 O/O	4



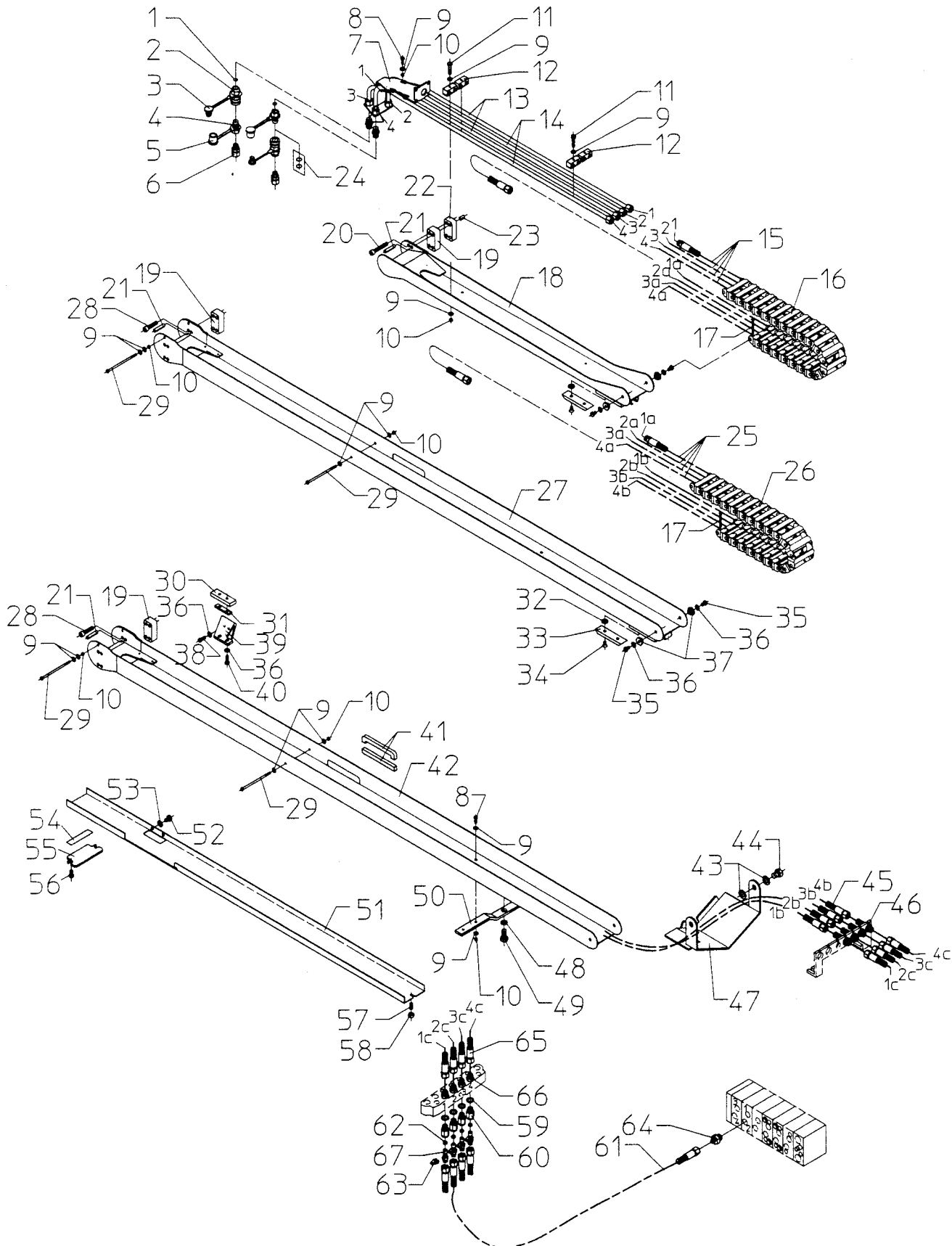
25/180: 511 07 200: 20001110

EXTRA VALVES-K3 (1 OF 2)

1.	20 115	O-RING 12.42X1.78	4
2.	60 619	QUICK RELEASE COUP F 3/8	4
3.	60 621	DUST CAP M 3/8	4
4.	60 620	QUICK RELEASE COUP M 3/8	4
5.	60 622	DUST CAP F 3/8	4
6.	25 127	CONN P-GEV12LR-WD	4
7.	62 95 534	CLAMP	1
8.	30 113	SET SCREW M6X20	4
9.	31 134	WASHER 6MM	22
10.	30 884	LOCK NUT M6	12
11.	30 116	STEEL BOLT M6X35	4
12.	31 486	DOUBLE CLAMP	4
13.	63 60 174	PIPE	2
14.	63 60 164	PIPE	2
15.	62 946	HOSE JIC 3/8X2900 O/S	4
16.	27 593	NYL DRAG CHAIN 19/75 27LED	1
17.	32 422	C'SUNK SCREW MK5X55	8
18.	62 95 173	PROTECTIVE PLATE	1
19.	62 95 044	SPACER	3
20.	32 426	SCREW MC10X65	2
21.	32 220	RETAINING PIN Ø10X45	6
22.	62 95 884	SPACER	1
23.	32 218	RETAINING RING Ø10X16	2
24.	60 635	SEAL KIT 3/8	
25.	62 949	HOSE JIC 3/8X4900 S/O	4
26.	27 588	NYLON DRAG CHAIN 44LED	1
27.	62 94 642	PROTECTIVE PLATE	1
28.	32 221	SCREW MC10X45	4
29.	32 118	STEEL BOLT M6X130	4
30.	62 95 094	SLIDE BLOCK	1

PARTS-56

31.	62 95 104	SPACER	1
32.	31 177	WASHER 21X10.5X2	4
33.	63 846	SLIDE BLOCK 62 94 424	2
34.	31 587	C'SUNK SCREW MK8X16	4
35.	30 130	SET SCREW M8X12	4
36.	31 136	WASHER 8MM	8
37.	62 94 944	THREADED DISC	4
38.	30 132	SET SCREW M8X20	2
39.	62 94 773	BRACKET	1
40.	30 134	SET SCREW M8X25	2
41.	22 122	CLAMP PROFILE 0.35M	
42.	62 95 062	PROTECTIVE PLATE	1
43.	31 135	WASHER Ø30X17X3	4
44.	32 120	SET SCREW M16X20	2
45.	62 943	HOSE JIC 3/8X1900 O/S	4
46.	25 824	BULKHD CONN JIC WTX-WLNS12	4
47.	62 94 802	HOSE GUIDE	1
48.	31 164	SPRING WASHER 14MM	2
49.	30 206	SET SCREW M14X30	2
50.	62 95 553	BRACKET	1
51.	62 94 553	HOSE GUIDE-COMplete	1
52.	30 153	SET SCREW M10X16	2
53.	31 172	WASHER 10MM	2
54.	42 276	RUBBER STRIP 0.3M	
55.	62 94 574	LOCK PLATE	1
56.	30 926	SCREW M10X20	2
57.	32 417	POINTED SCREW MSP10X20	1
58.	30 858	NUT M10	1
59.	21 104	SEAL WASHER Ø17.28X23.8X2.03	4
60.	25 887	CONNECTION	4
61.	62 950	HOSE JIC 3/8X3000 O/O	4
62.	25 882	DEMOUNTING RING	
63.	25 885	MOUNTING STOP	
64.	25 811	CONNECTION 10MM	4
65.	62 948	HOSE JIC 3/8X3700 O/O	4
66.	25 831	CONN JIC F40XS12-3/8	4
67.	25 878	CONNECTION	4



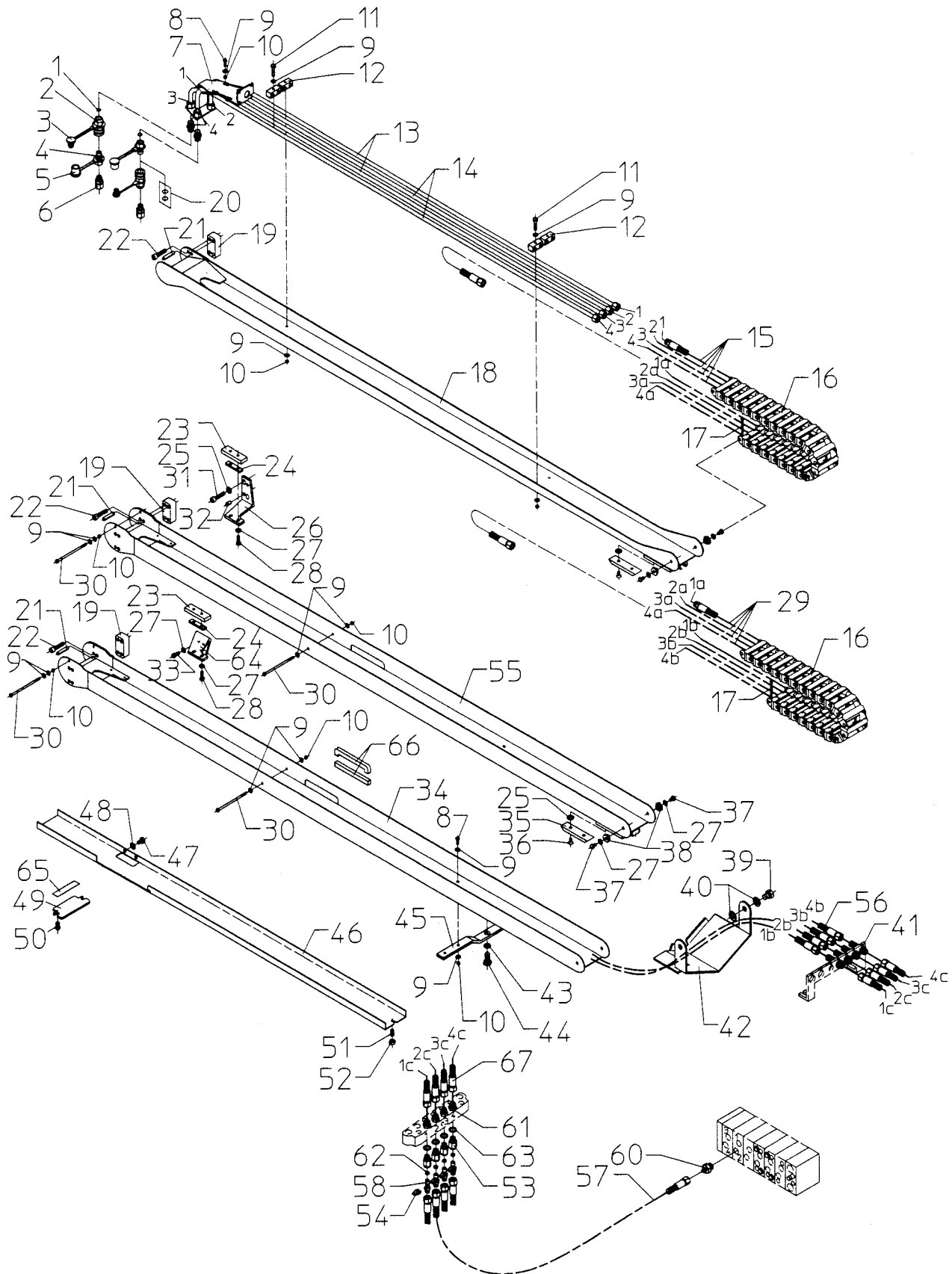
25/180: 511 07 220: 20001110

EXTRA VALVES-K4 (1 OF 2)

1.	20 115	O-RING 12.42X1.78	4
2.	60 619	QUICK RELEASE COUP F 3/8	4
3.	60 621	DUST CAP M 3/8	4
4.	60 620	QUICK RELEASE COUP M 3/8	4
5.	60 622	DUST CAP F 3/8	4
6.	25 127	CONN P-GEV12LR-WD	8
7.	62 95 534	CLAMP	1
8.	30 113	SET SCREW M6X20	4
9.	31 134	WASHER 6MM	20
10.	30 884	LOCK NUT M6	12
11.	30 116	STEEL BOLT M6X35	4
12.	31 486	DOUBLE CLAMP	4
13.	63 60 404	PIPE	2
14.	63 60 394	PIPE	2
15.	62 955	HOSE JIC 3/8X4100 S/O	4
16.	27 588	NYLON DRAG CHAIN 44LED	2
17.	32 422	C'SUNK SCREW MK5X55	8
18.	62 94 692	PROTECTIVE PLATE	1
19.	62 95 044	SPACER	3
20.	60 635	SEAL KIT 3/8	
21.	32 220	RETAINING PIN Ø10X45	6
22.	32 221	SCREW MC10X45	6
23.	62 95 094	SLIDE BLOCK	2
24.	62 95 104	SPACER	2
25.	31 177	WASHER 21X10.5X2	6
26.	62 94 763	BRACKET	1
27.	31 136	WASHER 8MM	10
28.	30 134	SET SCREW M8X25	4
29.	62 949	HOSE JIC 3/8X4900 S/O	4
30.	32 118	STEEL BOLT M6X130	4
31.	31 541	SCREW SS MC10X20	2
32.	32 218	RETAINING RING Ø10X16	2
33.	30 132	SET SCREW M8X20	2
34.	62 95 062	PROTECTIVE PLATE	1
35.	63 846	SLIDE BLOCK 62 94 424	2
36.	31 587	C'SUNK SCREW MK8X16	4
37.	30 130	SET SCREW M8X12	4

PARTS-58

38.	62 94 944	THREADED DISC	4
39.	32 120	SET SCREW M16X20	2
40.	31 135	WASHER Ø30X17X3	4
41.	25 824	BULKHD CONN JIC WTX-WLNS12	4
42.	62 94 802	HOSE GUIDE	1
43.	31 164	SPRING WASHER 14MM	2
44.	30 206	SET SCREW M14X30	2
45.	62 95 553	BRACKET	1
46.	62 94 553	HOSE GUIDE-COMPLETE	1
47.	30 153	SET SCREW M10X16	2
48.	31 172	WASHER 10MM	2
49.	62 94 574	LOCK PLATE	1
50.	30 926	SCREW M10X20	2
51.	32 417	POINTED SCREW MSP10X20	1
52.	30 858	NUT M10	1
53.	25 887	CONNECTION	4
54.	25 885	MOUNTING STOP	
55.	62 94 642	PROTECTIVE PLATE	1
45.	62 943	HOSE JIC 3/8X1900 O/S	4
46.	62 94 553	HOSE GUIDE-COMPLETE	1
47.	30 153	SET SCREW M10X16	2
48.	31 172	WASHER 10MM	2
49.	62 94 574	LOCK PLATE	1
50.	30 926	SCREW M10X20	2
51.	32 417	POINTED SCREW MSP10X20	1
52.	30 858	NUT M10	1
53.	25 887	CONNECTION	4
54.	25 885	MOUNTING STOP	
55.	62 94 642	PROTECTIVE PLATE	1
56.	62 943	HOSE JIC 3/8X1900 O/S	4
57.	62 950	HOSE JIC 3/8X3000 O/O	4
58.	25 878	CONNECTION	4
60.	25 811	CONNECTION 10MM	4
61.	25 831	CONN JIC F40XS12-3/8	4
62.	25 882	DEMOUNTING RING	
63.	21 104	SEAL WASHER Ø17.28X23.8X2.03	4
64.	62 94 773	BRACKET	1
65.	42 276	RUBBER STRIP 0.3M	
66.	22 122	CLAMP PROFILE 0.35M	
67.	62 948	HOSE JIC 3/8X3700 O/O	4



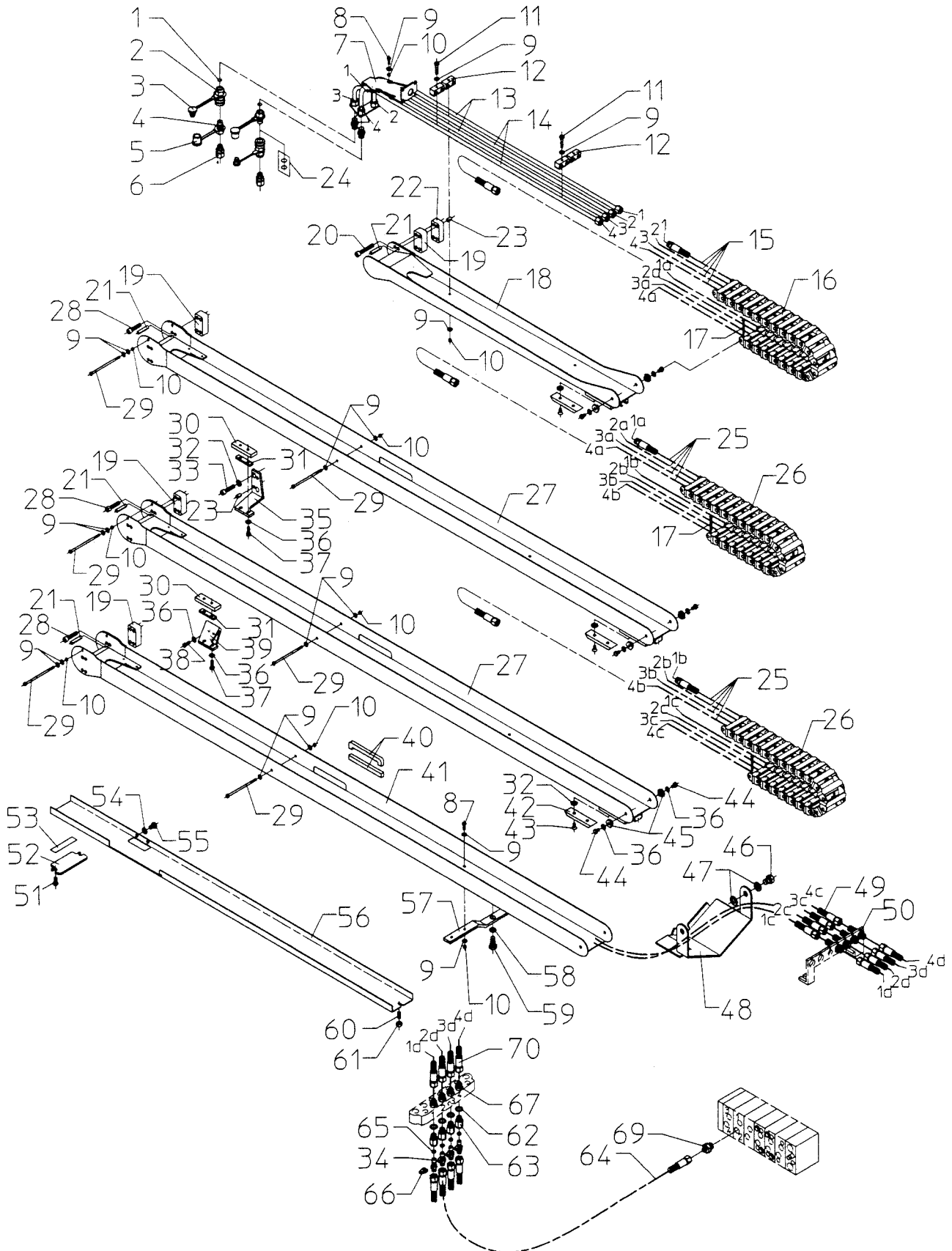
25/180: 511 07 240: 20001110

EXTRA VALVES-K5 (1 OF 2)

1.	20 115	O-RING 12.42X1.78	4
2.	60 619	QUICK RELEASE COUP F 3/8	4
3.	60 621	DUST CAP M 3/8	4
4.	60 620	QUICK RELEASE COUP M 3/8	4
5.	60 622	DUST CAP F 3/8	4
6.	25 127	CONN P-GEV12LR-WD	8
7.	62 95 534	CLAMP	1
8.	30 113	SET SCREW M6X20	4
9.	31 134	WASHER 6MM	26
10.	30 884	LOCK NUT M6	14
11.	30 116	STEEL BOLT M6X35	4
12.	31 486	DOUBLE CLAMP	4
13.	63 60 174	PIPE	2
14.	63 60 164	PIPE	2
15.	62 946	HOSE JIC 3/8X2900 O/S	4
16.	27 593	NYLON DRAG CHAIN 27LED	1
17.	32 422	C'SUNK SCREW MK5X55	12
18.	62 95 173	PROTECTIVE PLATE	1
19.	62 95 044	SPACER	4
20.	32 426	SCREW MC10X65	2
21.	32 220	RETAINING PIN Ø10X45	6
22.	62 95 884	SPACER	1
23.	32 218	RETAINING RING Ø10X16	4
24.	60 635	SEAL KIT 3/8	
25.	62 949	HOSE JIC 3/8X4900 S/O	8
26.	27 588	NYL DRAG CHAIN 44LED	2
27.	62 94 642	PROTECTIVE PLATE	2
28.	32 221	SCREW MC10X45	6
29.	32 118	STEEL BOLT M6X130	6
30.	62 95 094	SLIDE BLOCK	2
31.	62 95 104	SPACER	2
32.	31 177	WASHER 21X10.5X2	8
33.	31 541	SCREW SS MC10X20	2
34.	25 878	CONNECTION	4
35.	62 94 763	BRACKET	1
36.	31 136	WASHER 8MM	12
37.	30 134	SET SCREW M8X25	4
38.	30 132	SET SCREW M8X20	2

PARTS-60

39.	62 94 773	BRACKET	1
40.	22 122	CLAMP PROFILE 0.35M	
41.	62 95 062	PROTECTIVE PLATE	1
42.	63 846	SLIDE BLOCK 62 94 424	3
43.	31 587	C'SUNK SCREW MK8X16	1
44.	30 130	SET SCREW M8X12	6
45.	62 94 944	THREADED DISC	6
46.	32 120	SET SCREW M16X20	2
47.	31 135	WASHER Ø30X17X3	4
48.	62 94 802	HOSE GUIDE	1
49.	62 943	HOSE JIC 3/8X1900 O/S	4
50.	32 120	SET SCREW M16x20	2
51.	31 135	WASHER Ø30X17X3	4
52.	62 94 802	HOSE GUIDE	1
53.	62 943	HOSE JIC 3/8X1900 O/S	4
54.	25 824	BULKHD CONN JIC WTX-WLNS12	4
55.	30 926	SCREW M10X20	2
56.	62 94 574	LOCK PLATE	1
57.	42 276	RUBBER STRIP 0.3M	
58.	31 172	WASHER 10MM	2
59.	30 153	SET SCREW M10X16	2
60.	62 94 553	HOSE GUIDE-COMplete	1
61.	62 95 553	BRACKET	1
62.	31 164	SPRING WASHER 14MM	2
63.	30 206	SET SCREW M14X30	2
64.	32 417	POINTED SCREW MSP10X20	1
65.	30 858	NUT M10	1
66.	21 104	SEAL WASHER Ø17.28X23.8X2.03	4
67.	25 887	CONNECTION	4
68.	62 950	HOSE JIC 3/8X3000 O/O	4
69.	25 882	DEMOUNTING RING	
70.	25 885	MOUNTING STOP	
71.	25 831	CONN JIC F40XS12-3/8	4
72.	25 811	CONNECTION 10MM	4
73.	62 948	HOSE JIC 3/8X3700 O/O	4



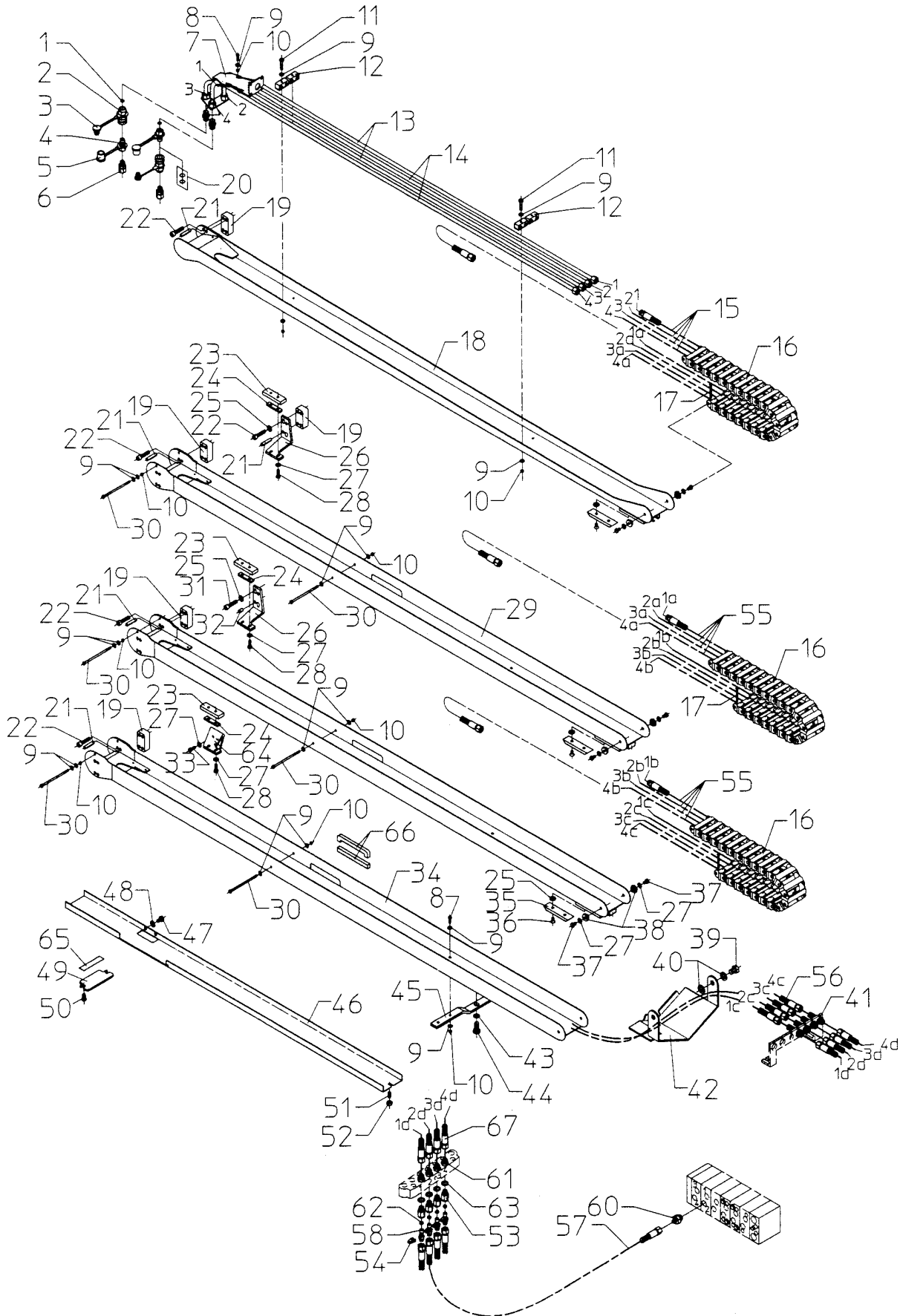
25/180: 511 07 250: 20001110

EXTRA VALVES-K6 (1 OF 2)

1.	20 115	O-RING 12.42X1.78	4
2.	60 619	QUICK RELEASE COUP F 3/8	4
3.	60 621	DUST CAP M 3/8	4
4.	60 620	QUICK RELEASE COUP M 3/8	4
5.	60 622	DUST CAP F 3/8	4
6.	25 127	CONN P-GEV12LR-WD	8
7.	62 95 534	CLAMP	1
8.	30 113	SET SCREW M6X20	4
9.	31 134	WASHER 6MM	26
10.	30 884	LOCK NUT M6	14
11.	30 116	STEEL BOLT M6X35	4
12.	31 486	DOUBLE CLAMP	4
13.	63 60 404	PIPE	2
14.	63 60 394	PIPE	2
15.	62 955	HOSE JIC 3/8X4100 S/O	4
16.	27 588	NYLON DRAG CHAIN 44LED	1
17.	32 422	C'SUNK SCREW MK5X55	12
18.	62 94 692	PROTECTIVE PLATE	1
19.	62 95 044	SPACER	5
20.	60 635	SEAL KIT 3/8	
21.	32 220	RETAINING PIN Ø10X45	5
22.	32 221	SCREW MC10X45	5
23.	62 95 094	SLIDE BLOCK	3
24.	62 95 104	SPACER	3
25.	31 177	WASHER 21X10.5X2	10
26.	62 94 763	BRACKET	2
27.	31 136	WASHER 8MM	15
28.	30 134	SET SCREW M8X25	6
29.	62 94 642	PROTECTIVE PLATE	2
30.	32 118	STEEL BOLT M6X130	6
31.	31 541	SCREW SS MC10X20	2
32.	32 218	RETAINING RING Ø10X16	1
33.	30 132	SET SCREW M8X20	3

PARTS-62

34.	62 95 062	PROTECTIVE PLATE	1
35.	63 846	SLIDE BLOCK 62 94 424	3
36.	31 587	C'SUNK SCREW MK8X16	6
37.	30 130	SET SCREW M8X12	6
38.	62 94 944	THREADED DISC	6
39.	32 120	SET SCREW M16X20	2
40.	31 135	WASHER Ø30X17X3	4
41.	25 824	BULKHD CONN JIC WTX-WLNS12	4
42.	62 94 802	HOSE GUIDE	1
43.	31 164	SPRING WASHER 14MM	2
44.	30 206	SET SCREW M14X30	2
45.	62 95 553	BRACKET	1
46.	62 94 553	HOSE GUIDE-COMplete	1
47.	30 153	SET SCREW M10X16	2
48.	31 172	WASHER 10MM	2
49.	62 94 574	LOCK PLATE	1
50.	30 926	SCREW M10X20	2
51.	32 417	POINTED SCREW MSP10X20	1
52.	30 858	NUT M10	1
53.	25 887	CONNECTION	4
54.	25 885	MOUNTING STOP	
55.	62 949	HOSE JIC 3/8X4900 S/O	8
56.	62 943	HOSE JIC 3/8X1900 O/S	4
57.	62 950	HOSE JIC 3/8X3000 O/O	4
58.	25 878	CONNECTION	4
59.	25 811	CONNECTION 10MM	4
60.	25 811	CONN JIC 10MM	4
61.	25 831	CONN JIC F40XS12-3/8	4
62.	25 882	DEMOUNTING RING	
63.	21 104	SEAL WASHER Ø17.28X23.8X2.03	4
64.	62 94 773	BRACKET	1
65.	42 276	RUBBER STRIP 0.3M	
66.	22 122	CLAMP PROFILE 0.35M	
67.	62 948	HOSE JIC 3/8X3700 O/O	4

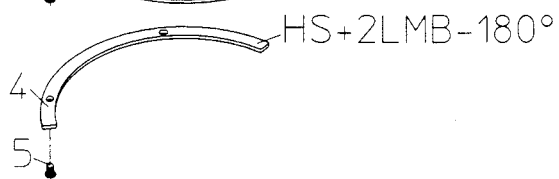
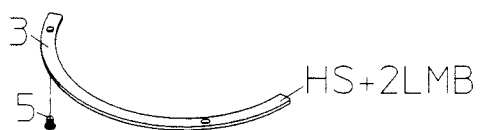
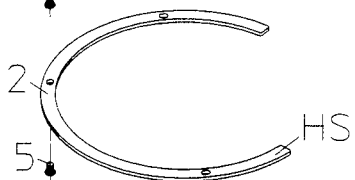
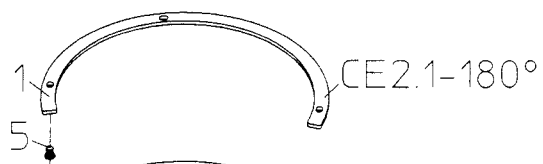
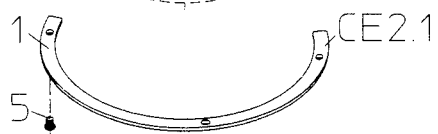
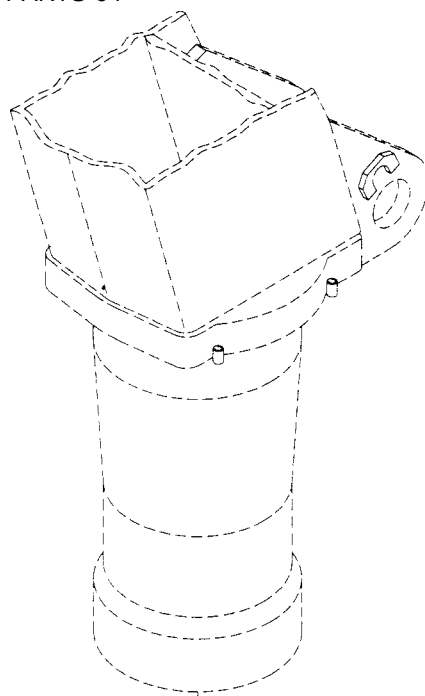


25/180: 511 07 600: 20001110

PARTS-64

CAM DISCS

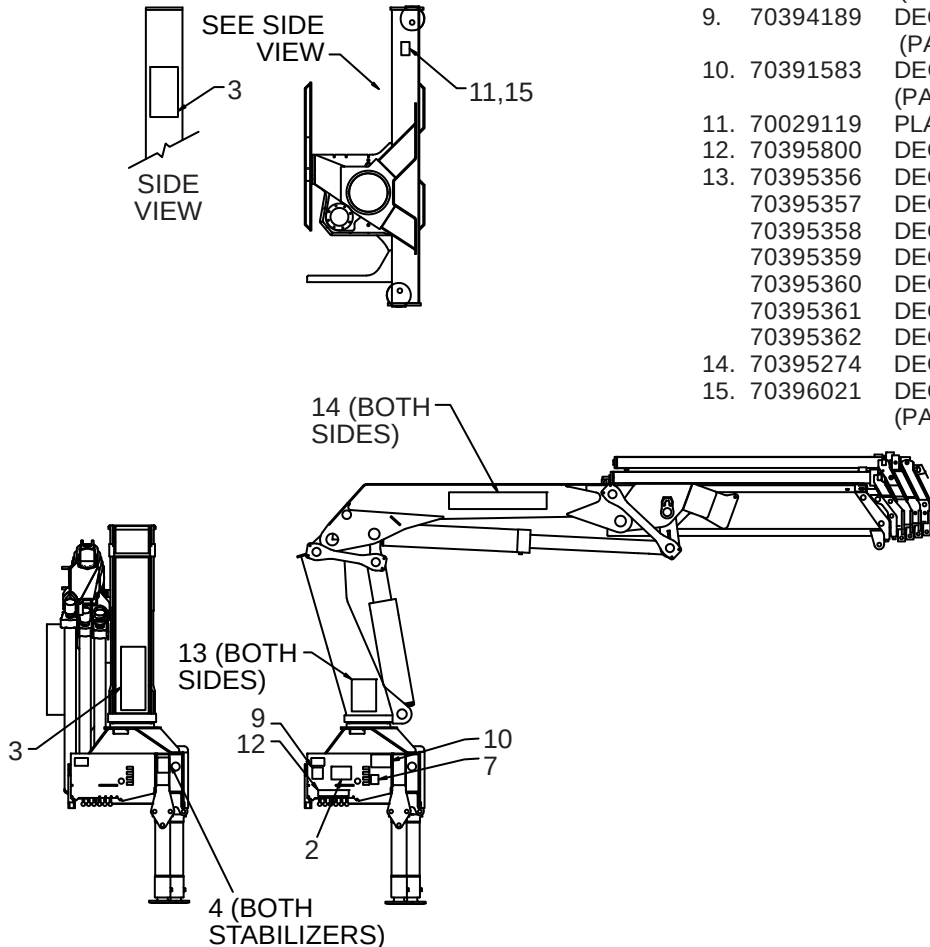
1. 62 92 173 CAM DISC
2. 62 98 343 CAM DISC-ELECTRONIC
3. 62 98 333 CAM DISC
4. 62 98 353 CAM DISC
5. 32 423 SCREW MCL10X16



Decal Placement (if not shown on crane)

ITEM#	LOCATION
5,6	One on all four sides of carrier vehicle.
8	At or near driveline.

Note: Item #13 is dependent on crane configuration.
Place items #7 and #10 on curb side stabilizer control bracket.

**DECAL KIT (KIT 95716099/DWG 99903228)**

1.	95720380	DECAL KIT - COMMON	1
2.	70397060	DECAL-GREASE, 25-28 TM	1
3.	70396918	DECAL-DANGER LARGE ARTICULATING (PART OF #1)	2
4.	70392864	DECAL-WARNING STAB STAND CLEAR (PART OF #1)	2
5.	70392865	DECAL-DANGER ELEC HAZARD LG (PART OF #1)	4
6.	70392868	DECAL-DANGER CR LOADLINE (PART OF #1)	4
7.	70395867	DECAL-CONTROL PWR OUT	1
8.	70392891	DECAL-DANGER DRIVELINE (PART OF #1)	2
9.	70394189	DECAL-MOBILOIL RESERVOIR (PART OF #1)	1
10.	70391583	DECAL-SET UP/STOW INSTR. (PART OF #1)	2
11.	70029119	PLACARD-SERIAL NO.	1
12.	70395800	DECAL-CONTROL GROUND	1
13.	70395356	DECAL-CP 25/180 2H	2REF
	70395357	DECAL-CP 25/180 3H	2REF
	70395358	DECAL-CP 25/180 4H	2REF
	70395359	DECAL-CP 25/180 5H	2REF
	70395360	DECAL-CP 25/180 6H	2REF
	70395361	DECAL-CP 25/180 7H	2REF
	70395362	DECAL-CP 25/180 8H	2REF
14.	70395274	DECAL-ID 25/180 SERIES	2
15.	70396021	DECAL-MADE IN DENMARK (PART OF #1)	1

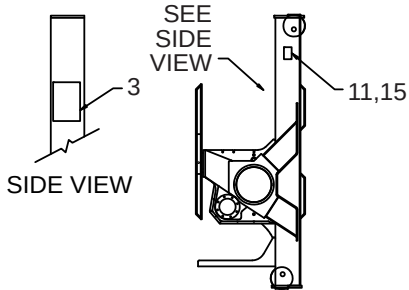
DECAL KIT-25/180 (95716099) (THRU 4-07)

	99903228	DRAWING-DECAL KIT	REF
1.	70029251	IMT DIAMOND	2
2.	70392813	DANGER-ELECTROCUTION	2
3.	70392814	DANGER-OPER TRAINING	2
4.	70392815	DANGER-OPERATION	2
5.	70391612	GREASE WEEKLY-LH	5
6.	70391613	GREASE WEEKLY-RH	10
7.	70392863	DANGER-HOISTING PERS	2
8.	70392864	DANGER-STAB STD CLR	2
9.	70392865	DANGER-ELEC HAZARD-LG	4
10.	70392866	DANGER-OPER COND	2
12.	70392868	DANGER-CRANE LOADLINE	4
13.	70392888	DANGER-OPER RESTRICT	2
14.	70395867	DECAL-CTRL PWR STAB	2
15.	70392890	DANGER-STOW/UNFOLD	2

16.	70392891	DANGER-DRIVELINE	2
17.	70394189	OIL RECOMMENDATIONS	1
18.	70394670	IMT MATL HNDLNG SYS	2
19.	70391583	DECAL-SET UP/STOW INSTR	2
20.	70029119	PLACARD-SERIAL NUMBER	1
21.	70395800	DECAL-GROUND CTRL	1
22.	70395356	DECAL-CP 25/180K2	2REF
	70395357	DECAL-CP 25/180K3	2REF
	70395358	DECAL-CP 25/180K4	2REF
	70395359	DECAL-CP 25/180K5	2REF
	70395360	DECAL-CP 25/180K6	2REF
	70395361	DECAL-CP 25/180K7	2REF
	70395362	DECAL-CP 25/180K8	2REF
23.	70395274	DECAL-ID 25/180 SERIES	2
24.	70392108	DECAL-SUCTION LINE	1
25.	70392109	DECAL-RETURN LINE	1

DECAL KIT (KIT 95716388/DWG 99903229)

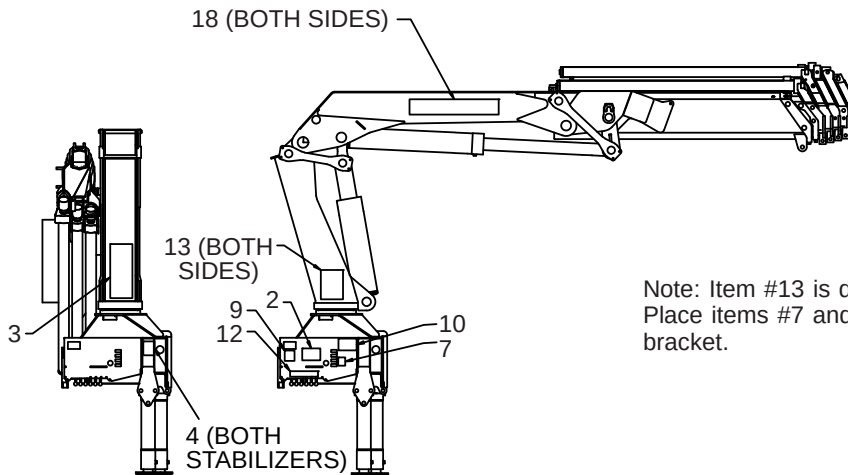
1.	95720380	DECAL KIT - COMMON	1
2.	70397060	DECAL-GREASE, 25-28 TM	1
3.	70396918	DECAL-DANGER LARGE ARTICULATING (PART OF #1)	2
4.	70392864	DECAL-WARNING STABILIZER STAND CLEAR (PART OF #1)	2
5.	70392865	DECAL-DANGER ELEC HAZARD LG (PART OF #1)	4
6.	70392868	DECAL-DANGER CR LOADLINE (PART OF #1)	4
7.	70395867	DECAL-CONTROL PWR OUT	1
8.	70392891	DECAL-DANGER DRIVELINE (PART OF #1)	2

**PARTS-66**

9.	70394189	DECAL-MOBIL OIL RESERVOIR (PART OF #1)	1
10.	70391583	DECAL-SET UP/STOW INSTR. (PART OF #1)	2
11.	70029119	PLACARD-SERIAL NO.	1
12.	70395800	DECAL-CONTROL GROUND	1
13.	70395363	DECAL-CP 28/198 2H	2REF
	70395364	DECAL-CP 28/198 3H	2REF
	70395790	DECAL-CP 28/198 K3/J9K3	2REF
	70395365	DECAL-CP 28/198 4H	2REF
	70395366	DECAL-CP 28/198 5H	2REF
	70395367	DECAL-CP 28/198 6H	2REF
	70395368	DECAL-CP 28/198 7H	2REF
	70395369	DECAL-CP 28/198 8H	2REF
	70395955	DECAL-CP 28/198 K5-J5K3	2REF
	70395956	DECAL-CP 28/198 K6-J5K3	2REF
14.	70395276	DECAL-ID 28/198 SERIES	2
15.	70396021	DECAL-MADE IN DENMARK (PART OF #1)	1

Decal Placement (if not shown on crane)

ITEM #	LOCATION
5,6	One on all four sides of carrier vehicle.
8	At or near driveline.



Note: Item #13 is dependent on crane configuration. Place items #7 and #10 on curb side stabilizer control bracket.

DECAL KIT-28/198 (95716388) (THRU 4-07)

	99903229	DRAWING-DECAL KIT	REF
1.	70029251	IMT DIAMOND	2
2.	70392813	DANGER-ELECTROCUTION	2
3.	70392814	DANGER-OPER TRAINING	2
4.	70392815	DANGER-OPERATION	2
5.	70391612	GREASE WEEKLY-LH	5
6.	70391613	GREASE WEEKLY-RH	10
7.	70392863	DANGER-HOISTING PERS	2
8.	70392864	DANGER-STAB STD CLR	2
9.	70392865	DANGER-ELEC HAZARD-LG	4
10.	70392866	DANGER-OPER COND	2
12.	70392868	DANGER-CRANE LOADLINE	4
13.	70392888	DANGER-OPER RESTRICT	2
14.	70395867	DECAL-CTRL PWR STAB	2
15.	70392890	DANGER-STOW/UNFOLD	2
16.	70392891	DANGER-DRIVELINE	2

17.	70394189	OIL RECOMMENDATIONS	1
18.	70394670	IMT MATL HNDLNG SYS	2
19.	70391583	DECAL-SET UP/STOW INSTR	2
20.	70029119	PLACARD-SERIAL NUMBER	1
21.	70395800	DECAL-GROUND CTRL	1
22.	70395363	DECAL-CP 28/198K2	2REF
	70395364	DECAL-CP 28/198K3	2REF
	70395790	DECAL-CP 28/198K3-J9K3	2REF
	70395365	DECAL-CP 28/198K4	2REF
	70395366	DECAL-CP 28/198K5	2REF
	70395367	DECAL-CP 28/198K6	2REF
	70395368	DECAL-CP 28/198K7	2REF
	70395369	DECAL-CP 28/198K8	2REF
	70395955	DECAL-CP 28/198K5-J5K3	2REF
	70395956	DECAL-CP 28/198K6-J5K3	2REF
23.	70395276	DECAL-ID 28/198 SERIES	2
24.	70392108	DECAL-SUCTION LINE	1
25.	70392109	DECAL-RETURN LINE	1

IMT

MATERIAL HANDLING SYSTEMS

IOWA MOLD TOOLING CO., INC.

BOX 189, GARNER, IA 50438-0189

641-923-3711

TECHNICAL SUPPORT FAX: 641-923-2424

MANUAL PART NUMBER: 99903217