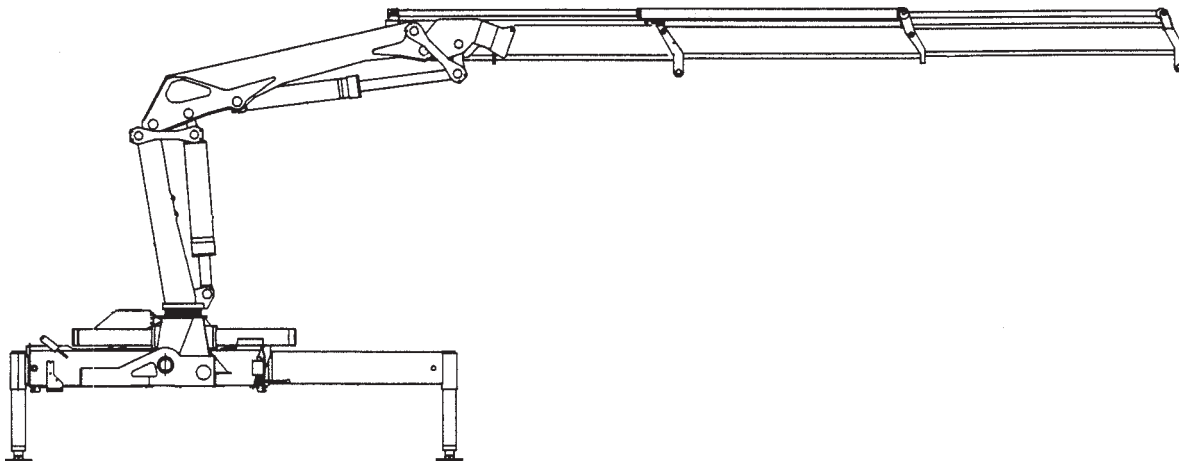


IMT

MATERIAL HANDLING SYSTEMS

Repair Parts

Model 16/117 Crane
Model 18/129 Crane



IOWA MOLD TOOLING CO., INC.

BOX 189, GARNER, IA 50438-0189
641-923-3711

MANUAL PART NUMBER: 99903213

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

REVISIONS LIST

DATE	LOCATION	DESCRIPTION OF CHANGE
-	-	-
20030721	58	UPDATE TO MOUNTING FITTINGS PARTS LIST
20070228	COVER	UPDATED OWNERSHIP STATEMENT
20070426	94,95	ECN 10431 - 99903225, 99903226 - UPDATED DECAL DESIGN, PLACEMENT
20120305	4, 30-32, 94-95	ECN 11628 - UPDATED STABILIZER WORDING

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INTRODUCTION

GENERAL

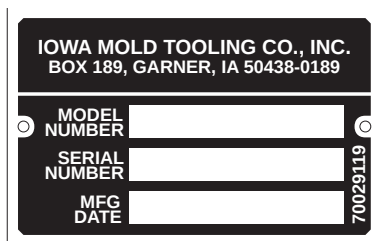
This manual contains the parts drawings with accompanying parts lists for the assemblies used on this crane. These drawings are intended to be used in conjunction with the instructions found in the Instruction Manual.

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 base or 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

NOTE

THE MODEL 16/117 AND 18/129 CONSIST OF IDENTICAL PARTS AS SHOWN IN THIS MANUAL. THE ONLY EXCEPTIONS ARE THE DECAL KITS WHICH ARE IDENTIFIED SEPARATELY.

ORDERING REPAIR PARTS

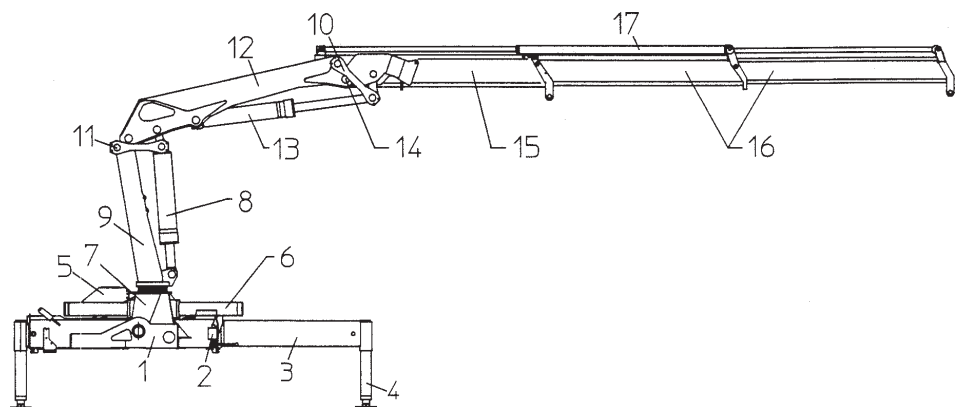
When ordering replacement parts:

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 leg
5. Reservoir/Tank
6. Rotation/Slewing cylinder
7. Base
8. Inner Boom cylinder
9. Mast/Column
10. Link arm, jib
11. Hinge pin
12. Inner/Main boom
13. Outer/Jib cylinder
14. Outer/Jib pin
15. Outer boom/Jib
16. Extension booms
17. Extension cylinder



COMPONENT REFERENCE

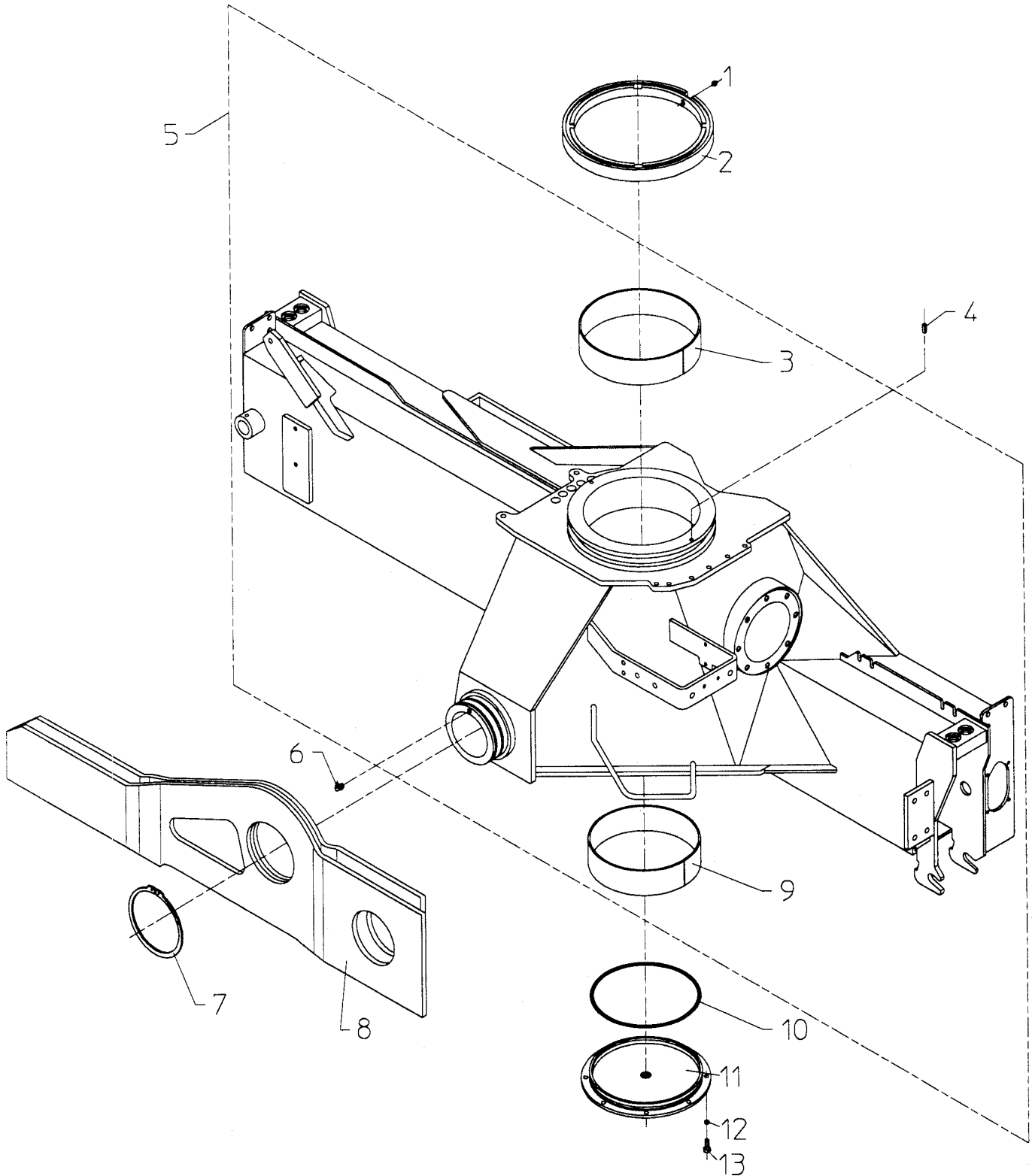
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BASE

	62 30 500	BASE-STD	
1.	31 318	ZERK 1/8"	1
2.	63 920	THRUST BEARING 6231993	1
3.	23 391	BUSHING pm239x244x60dx	
4.	31 233	RETAINING PIN Ø8X18	2

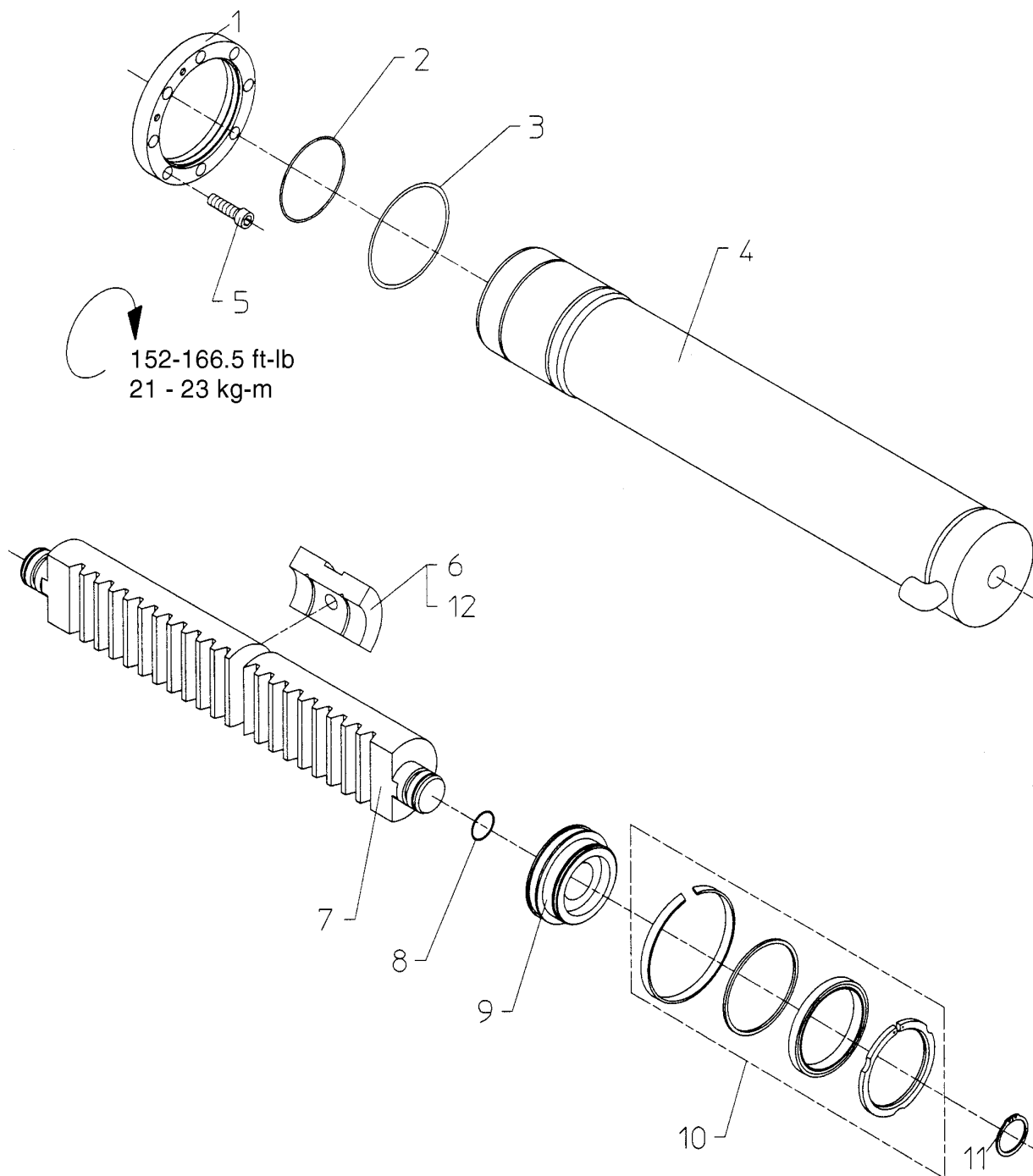
PARTS-5

5.	62 37 540	BASE W/BEARING	1
6.	31 322	ZERK 1/8" 90°	1
7.	33 150	CIRCLIP 135U	1
8.	62 31 602	SUSPENSION TRAVERSE	1
9.	23 367	BUSHING PM22060DX	1
10.	20 215	O-RING 221.84X3.53	1
11.	62 32 053	COVER	1
12.	31 155	SPRING WASHER 8MM	8
13.	30 132	SET SCR M8X20	8



ROTATION (SLEWING) SYSTEM-410°

	62 50 520	SLEWING SYS-410°	
	68 93 230	SEAL KIT (INCL:2,8,10,11)	2
1.	62 52 974	FLANGE	2
2.	20 205	O-RING 134.5X3	2
3.	33 340	LOCK RING	2
4.	62 31 674	CYLINDER	2
5.	30 476	SCREW MC16X45	16
6.	63 906	GUIDE BLOCK	1
7.	62 51 243	RACK	1
8.	20 305	O-RING 37.47X5.33	2
9.	61 77 653	PISTON	2
10.	22 109	SEAL KIT	2
11.	33 129	CIRCLIP 50U	2
12.	63 759	GUIDE BLOCK	1

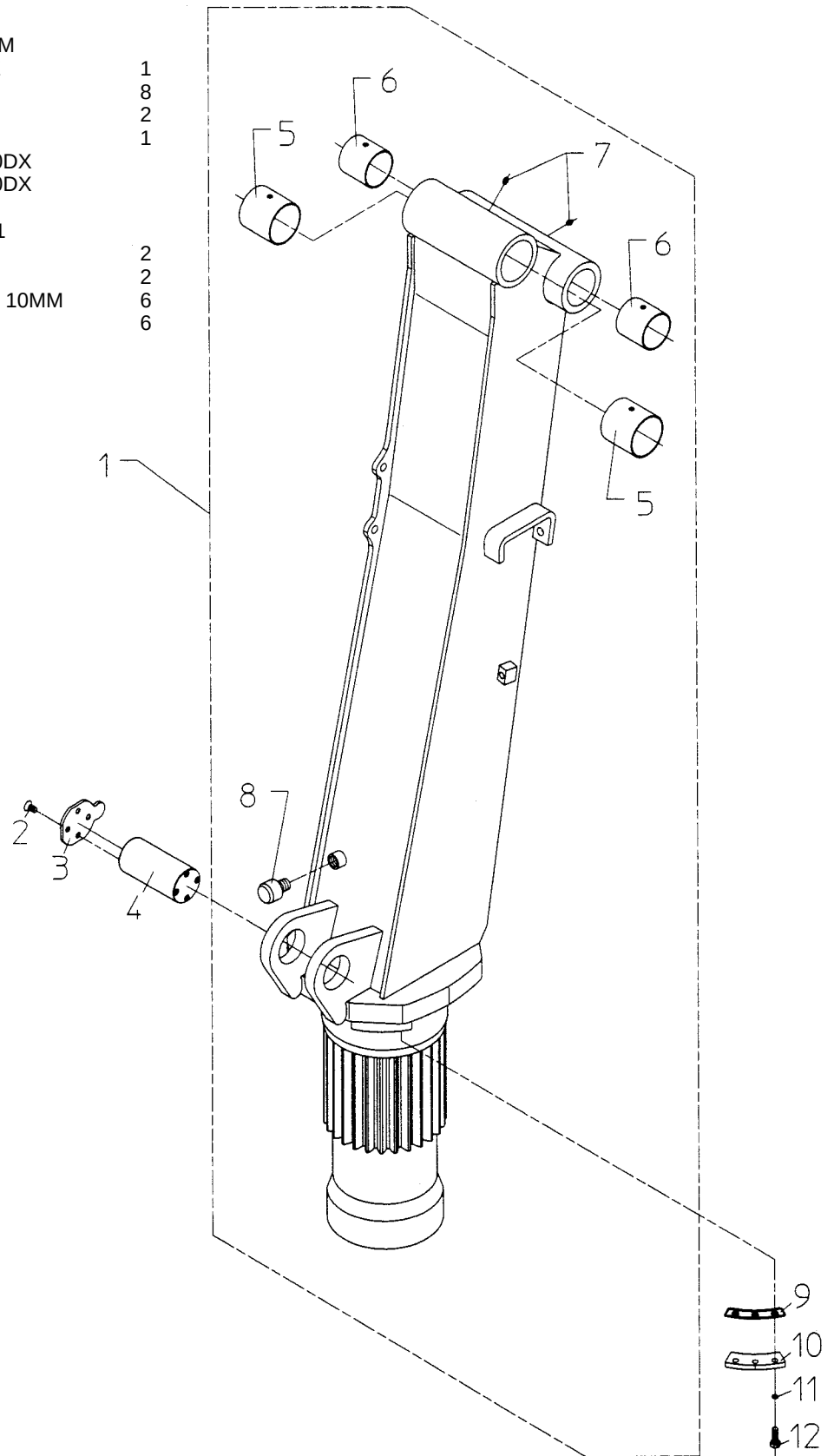


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MAST (COLUMN)

- | | |
|---------------|--------------------|
| 62 30 530 | MAST + BOOM ASM |
| 1. 62 39 640 | MAST-COMPLETE |
| 2. 30 545 | SCREW MK10X20 |
| 3. 62 39 464 | LOCK PLATE |
| 4. 62 39 504 | PIN |
| 5. 23 329 | BUSHING PM8080DX |
| 6. 23 338 | BUSHING PM7070DX |
| 7. 31 318 | ZERK 1/8" |
| 8. 60 214 | AIR FILTER M22X1 |
| 9. 62 31 874 | SHIM |
| 10. 62 31 864 | LOCKING DEVICE |
| 11. 31 156 | SPRING WASHER 10MM |
| 12. 30 155 | SET SCR M10X25 |

PARTS-7

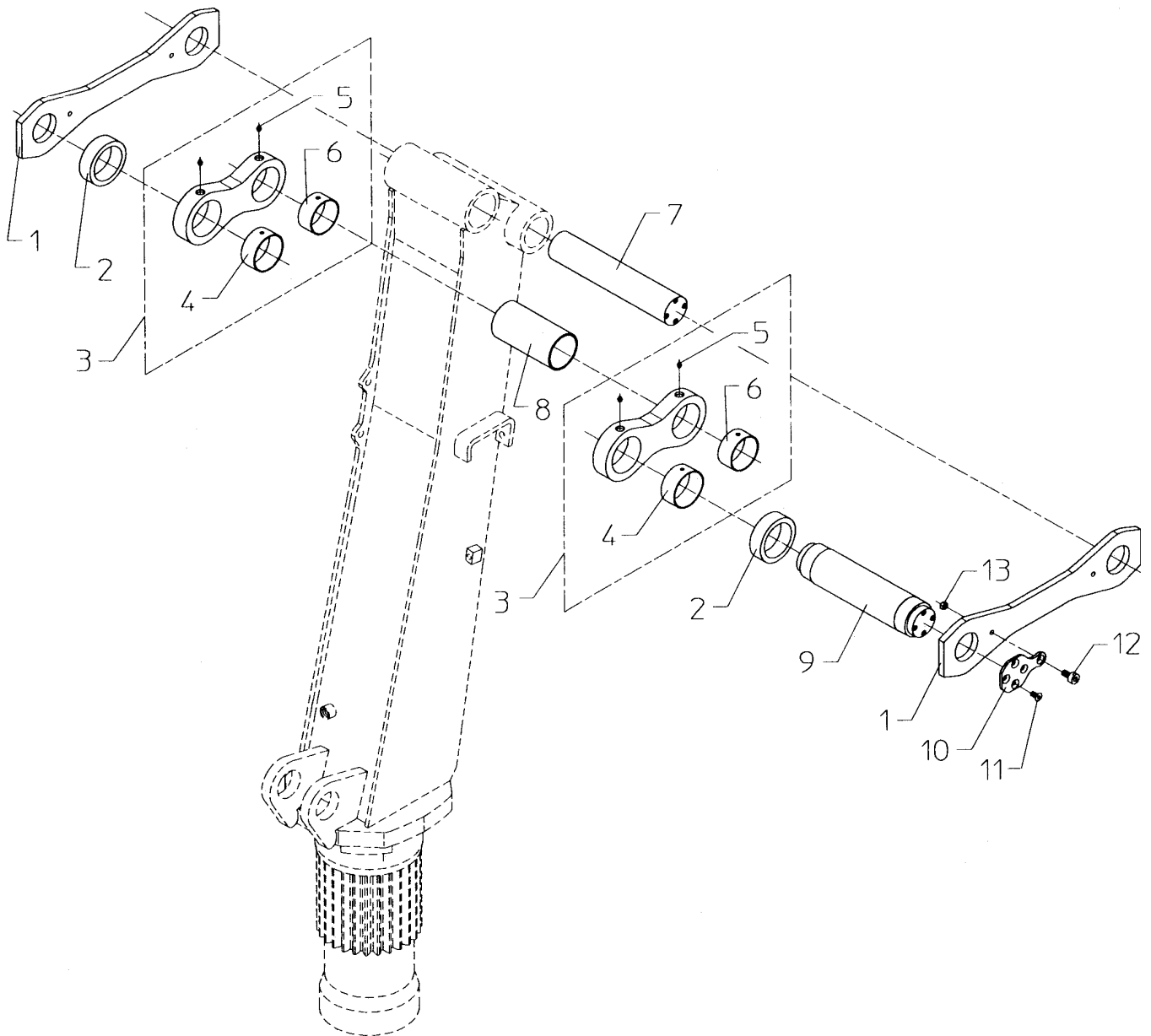


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PARTS-8

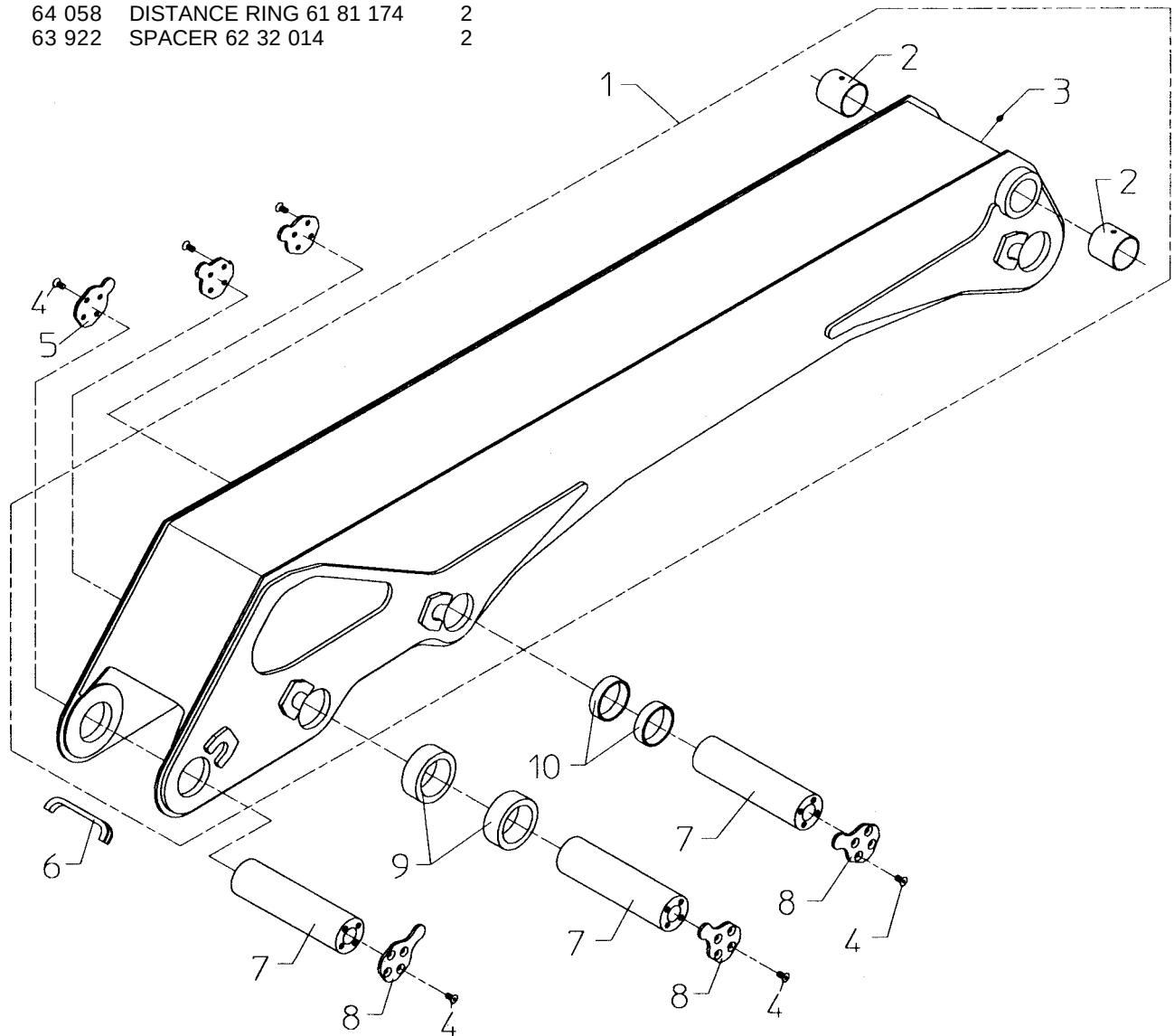
LINK ARM SYS N-COMPLETE

62 86 020	LINK ARM SYS N-COMPLETE	
1. 62 86 044	LINK ARM-INNER 470MM	2
2. 63 916	SPACER 62 31 894	2
3. 62 86 034	PUSH ROD	2
4. 23 320	BUSHING PM8540DX	
5. 31 318	ZERK 1/8	
6. 23 342	BUSHING PM8040DX	
7. 62 39 494	PIN	1
8. 63 917	SPACER 62 31 884	1
9. 62 39 454	PIN	1
10. 62 97 104	LOCK PLATE	4
11. 30 545	SCREW MK10X20	16
12. 31 860	SCREW MK10X35	4
13. 30 888	LOCK NUT M10	4



MAIN (INNER) BOOM

	62 30 540	INNER BOOM	
1.	62 35 960	INNER BOOM-COMPLETE	1
2.	23 338	BUSHING PM7070DX	
3.	31 318	ZERK 1/8"	
4.	30 545	SCREW MK10X20	24
5.	62 39 464	LOCK PLATE	3
6.	64 329	RUBBER PROTECTOR 250MM	1
7.	62 39 474	PIN	3
8.	62 57 354	LOCK PLATE	3
9.	64 058	DISTANCE RING 61 81 174	2
10.	63 922	SPACER 62 32 014	2

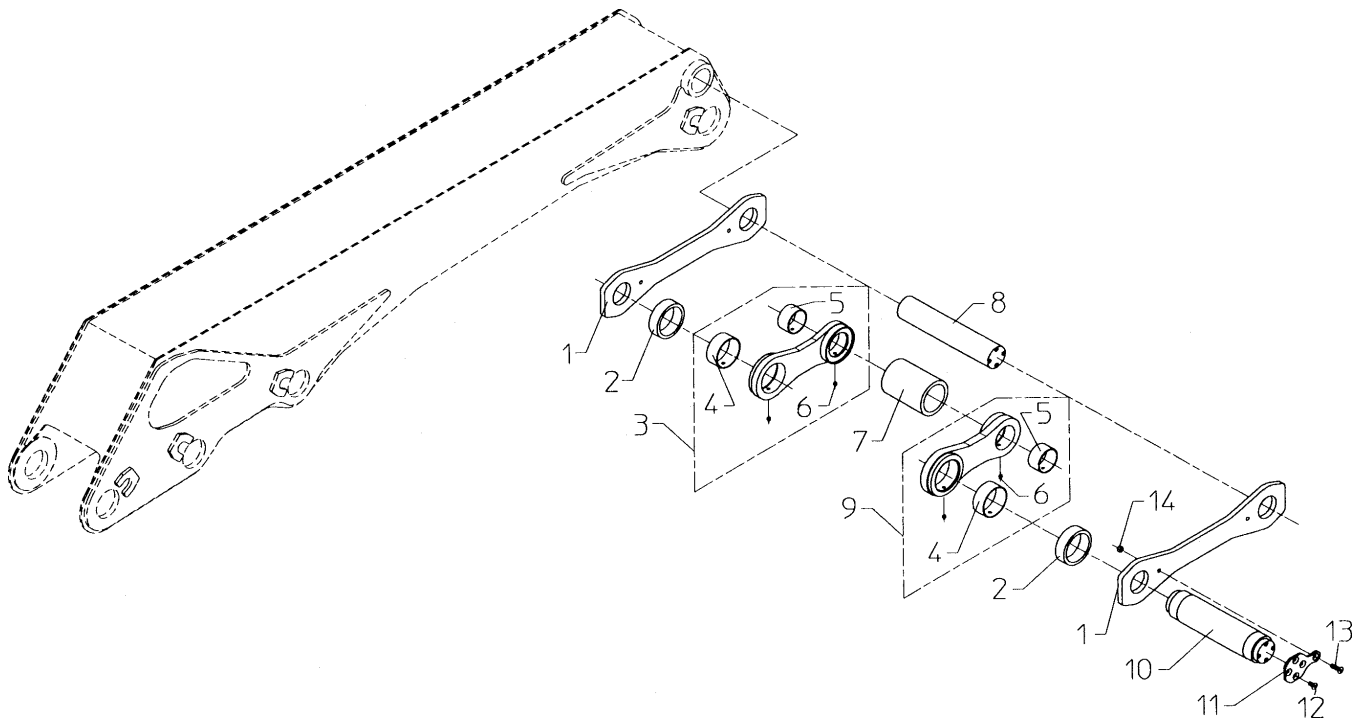


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PARTS-10

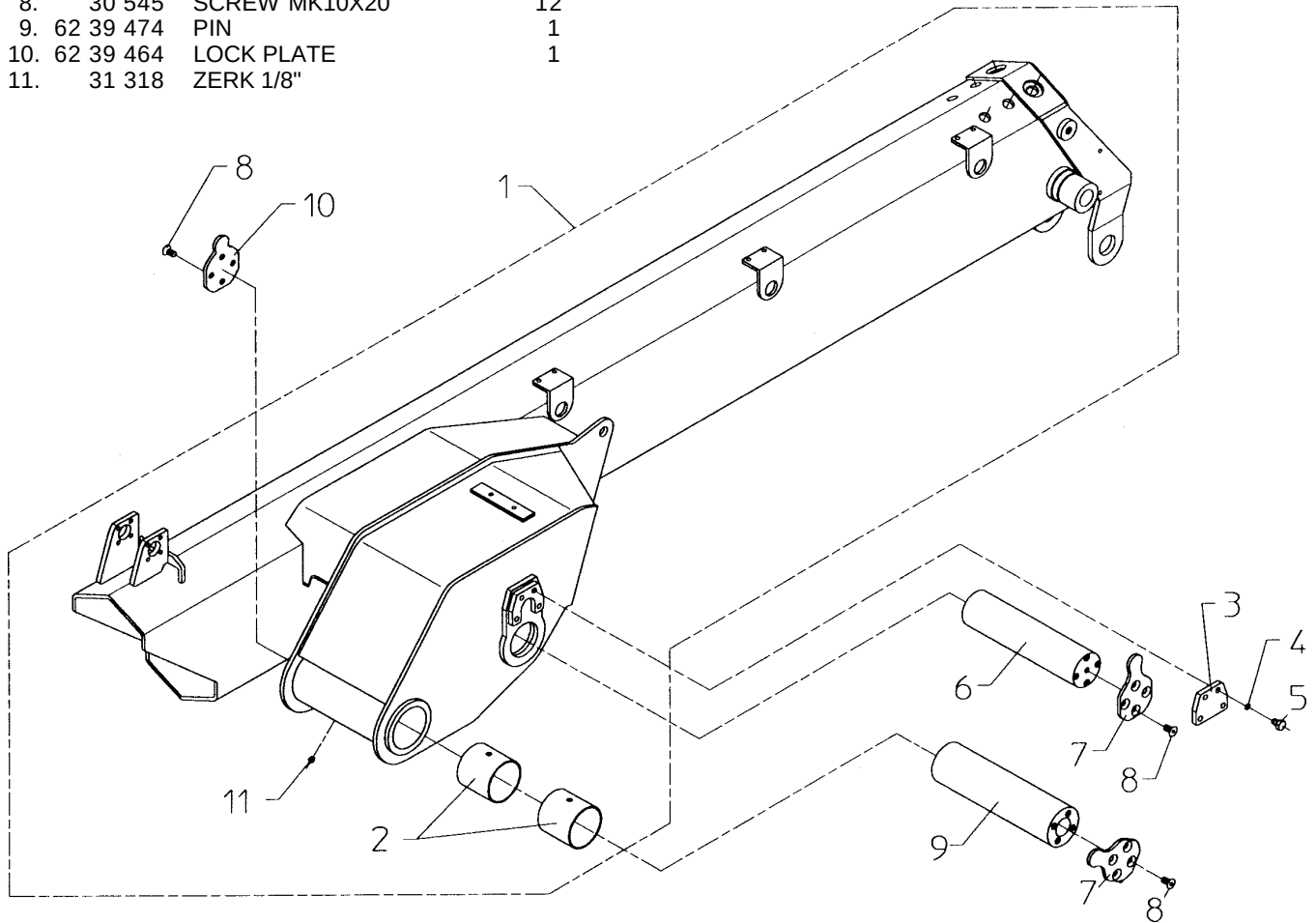
LINK ARM SYS K-COMPLETE

	62 85 200	LINK ARM SYS-COMPLETE	
1.	62 85 024	LINK ARM	2
2.	63 916	SPACER 62 31 894	2
3.	62 85 004	PUSH ROD	1
4.	23 320	BUSHING PM8540DX	
5.	23 336	BUSHING PM7040DX	
6.	31 318	ZERK 1/8"	
7.	63 921	SPACER 62 32 004	1
8.	62 39 494	PIN	1
9.	62 85 014	DOUBLETREE	1
10.	62 39 454	PIN	1
11.	62 97 104	LOCK PLATE	4
12.	30 545	SCREW MK10X20	16
13.	31 860	SCREW MK10X35	4
14.	30 888	LOCK NUT M10	4



OUTER (JIB) BOOM

63 50 000	OUTER BOOM (JIB)	
1. 62 35 970	BENDING ARM-COMPLETE	1
2. 23 329	BUSHING PM8080DX	
3. 60 97 684	LOCK PLATE	1
4. 31 156	SPRING WASHER 10MM	4
5. 30 152	SET SCR M10X14	4
6. 62 39 484	PIN	1
7. 62 57 354	LOCK PLATE	2
8. 30 545	SCREW MK10X20	12
9. 62 39 474	PIN	1
10. 62 39 464	LOCK PLATE	1
11. 31 318	ZERK 1/8"	

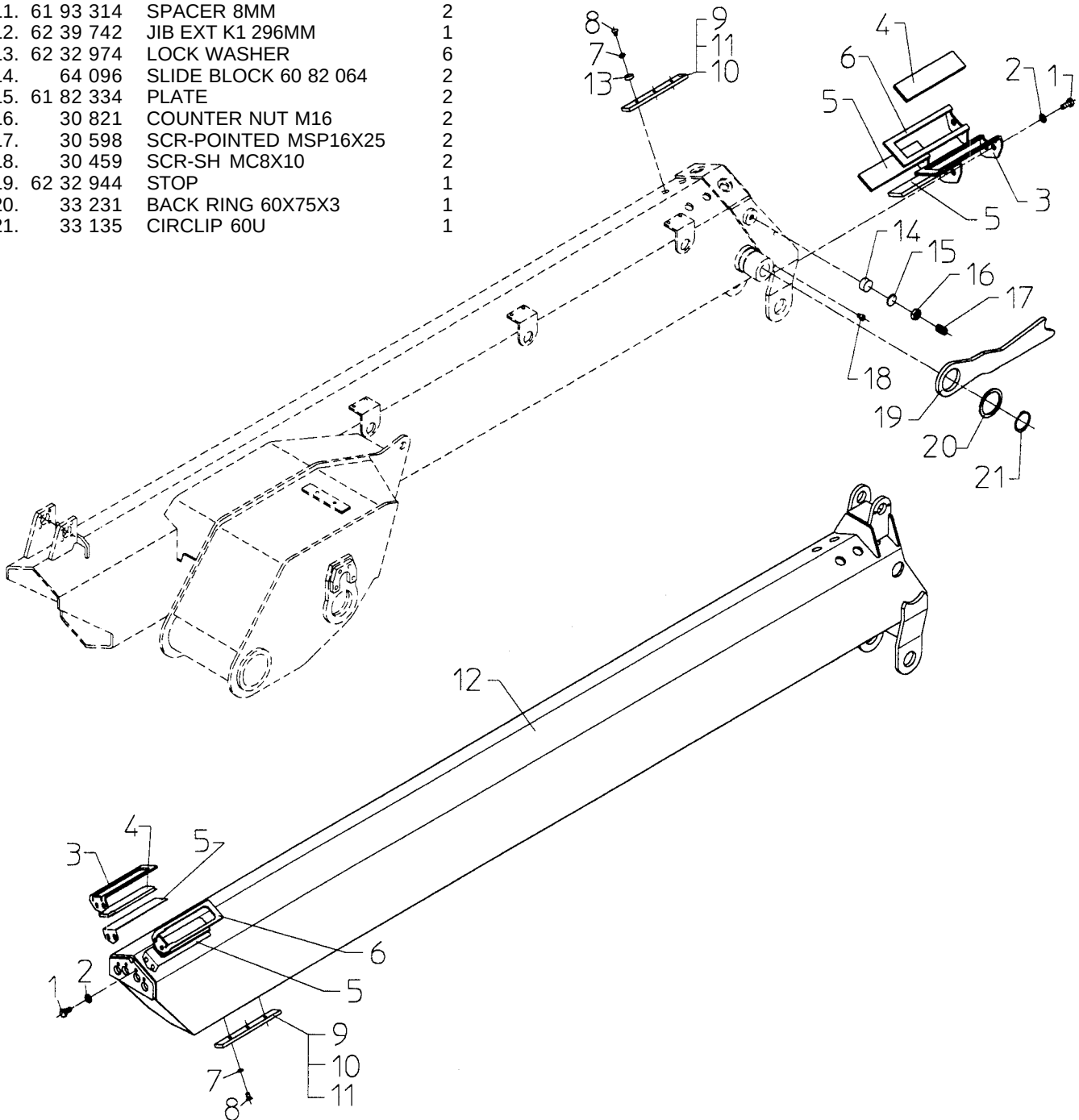


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PARTS-12

EXTENSION BOOM-K1

	63 50 010	MTG FITTINGS, EXT 296MM	
1.	30 154	SET SCR M10X20	8
2.	31 177	WASHER 21X10.5X2	8
3.	62 39 563	BRACKET-RH	2
4.	63 764	SLIDE BLOCK	4
5.	62 39 653	SHIM	
6.	62 39 573	BRACKET LH	2
7.	31 170	LOCK WASHER 8MM	10
8.	30 597	SCR-C'SNK MK8X12	10
9.	61 93 304	SPACER 6MM	2
10.	62 35 944	SPACER 7MM	2
11.	61 93 314	SPACER 8MM	2
12.	62 39 742	JIB EXT K1 296MM	1
13.	62 32 974	LOCK WASHER	6
14.	64 096	SLIDE BLOCK 60 82 064	2
15.	61 82 334	PLATE	2
16.	30 821	COUNTER NUT M16	2
17.	30 598	SCR-POINTED MSP16X25	2
18.	30 459	SCR-SH MC8X10	2
19.	62 32 944	STOP	1
20.	33 231	BACK RING 60X75X3	1
21.	33 135	CIRCLIP 60U	1

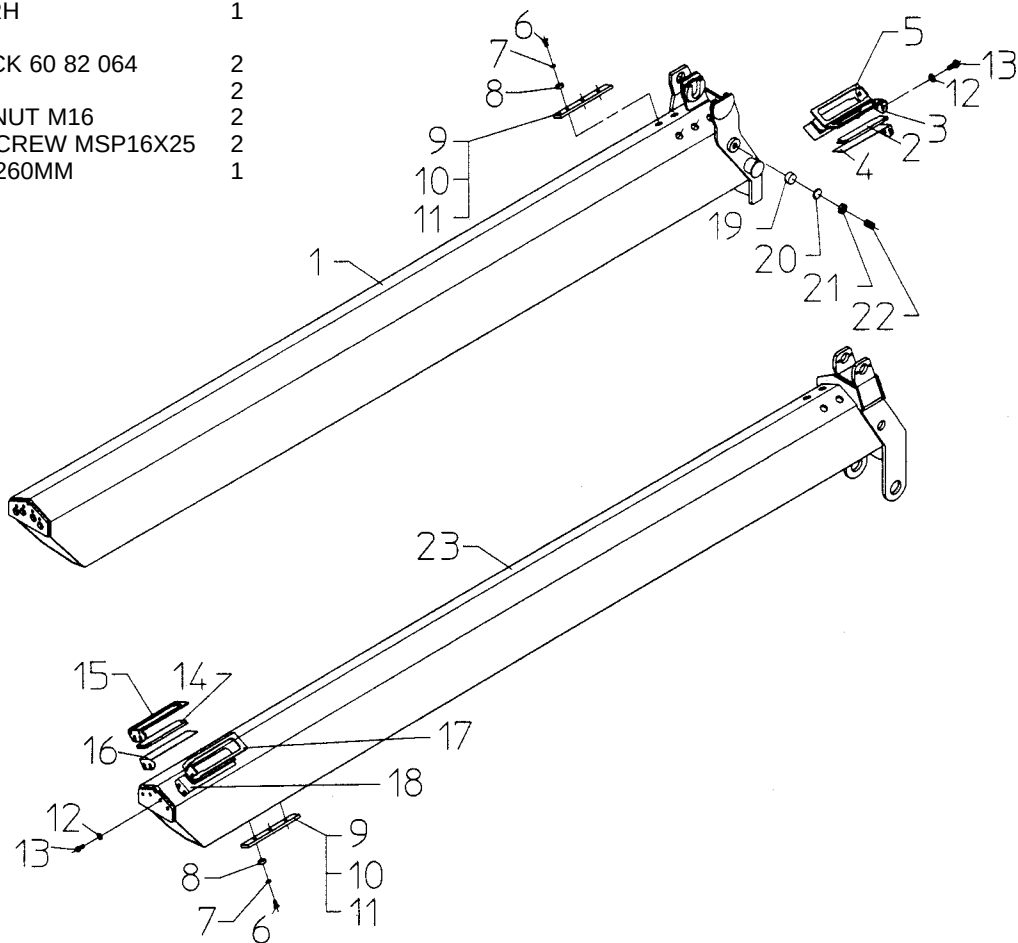


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PARTS-13

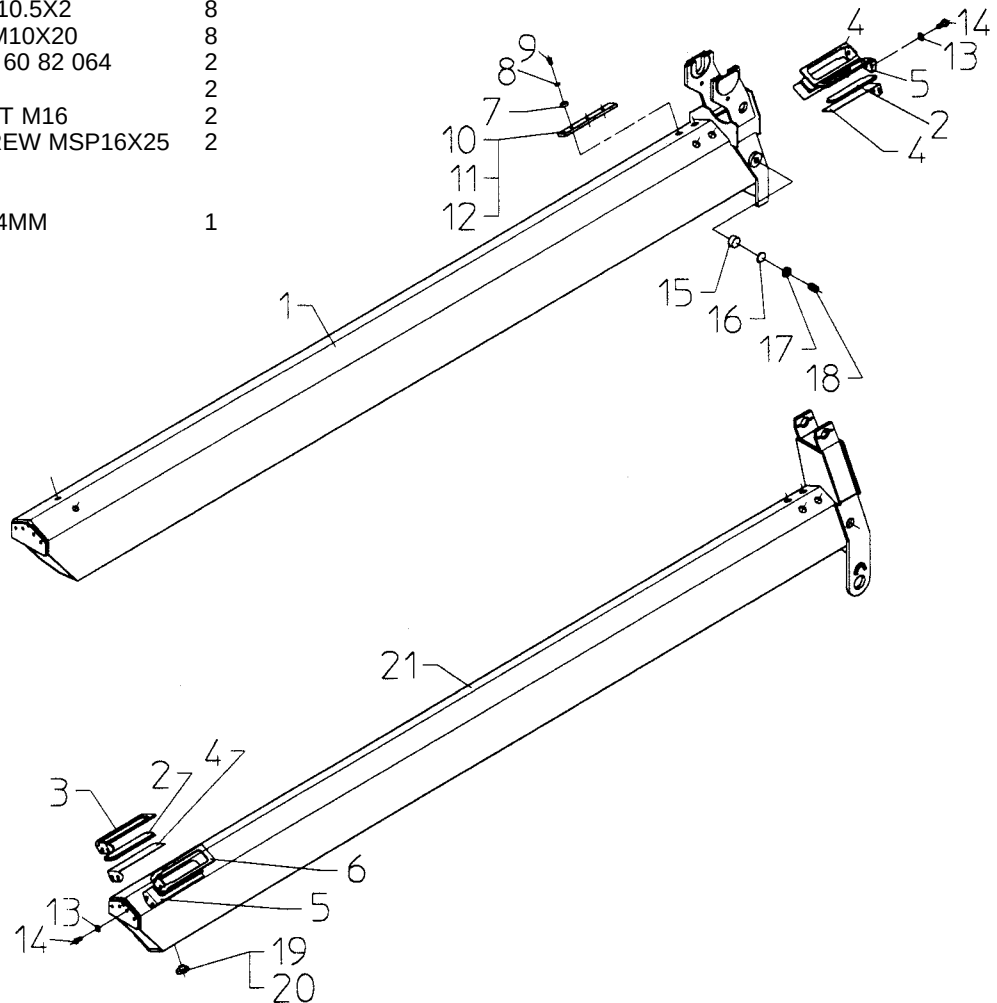
EXTENSION BOOM-K2

	63 50 020	MTGFITTINGS,EXT	
1.	62 39 772	JIB EXT 1 296MM	1
2.	63 764	SLIDE BLOCK 62 39 674	2
3.	62 39 563	BRACKET RH	1
4.	62 39 653	SHIM	
5.	62 39 573	BRACKET KH	1
6.	30 597	SCR-C-SNK MK8X12	16
7.	31 170	LOCK WASHER 8MM	16
8.	62 32 974	LOCK WASHER	12
9.	61 93 304	SPACER 6MM	
10.	62 35 944	SPACER 7MM	
11.	61 93 314	SPACER 8MM	
12.	31 177	WASHER 21X10.5X2	8
13.	30 154	SET SCREW M10X20	8
14.	63 762	SLIDE BLOCK 62 99 074	2
15.	62 39 623	BRACKET LH	1
16.	62 39 843	SHIM	
17.	62 39 613	BRACKET RH	1
18.	62 39 833	SHIM	
19.	64 096	SLIDE BLOCK 60 82 064	2
20.	61 82 334	PLATE	2
21.	30 821	COUNTER NUT M16	2
22.	30 598	POINTED SCREW MSP16X25	2
23.	62 39 762	JIB EXT K2 260MM	1



EXTENSION BOOM-K3

63 50 030	MTG FITTINGS, EXT 224MM	
1. 62 39 752	JIB EXT 2 260MM	1
2. 63 762	SLIDE BLOCK 62 99 074	4
3. 62 39 623	BRACKET LH	2
4. 62 39 843	SHIM	
5. 62 39 833	SHIM	
6. 62 39 613	BRACKET RH	2
7. 62 32 974	LOCK WASHER	6
8. 31 170	LOCK WASHER 8MM	6
9. 30 597	SCR-C'SNK MK8X12	6
10. 61 93 304	SPACER 6MM	
11. 62 35 944	SPACER 7MM	
12. 61 93 314	SPACER 8MM	
13. 31 177	WASHER 21X10.5X2	8
14. 30 154	SET SCREW M10X20	8
15. 64 096	SLIDE BLOCK 60 82 064	2
16. 61 82 334	PLATE	2
17. 30 821	COUNTER NUT M16	2
18. 30 598	POINTED SCREW MSP16X25	2
19. 62 01 114	PLUG 7MM	
20. 62 11 294	PLUG 8MM	
21. 62 39 852	JIB EXT K3 224MM	1

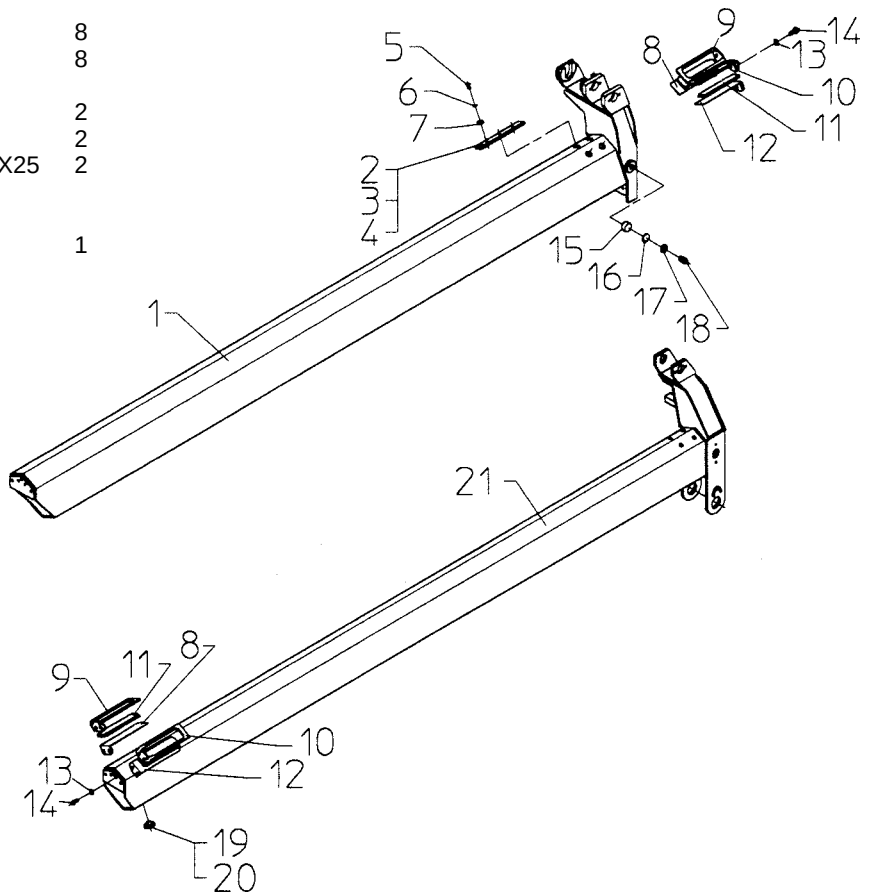


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PARTS-15

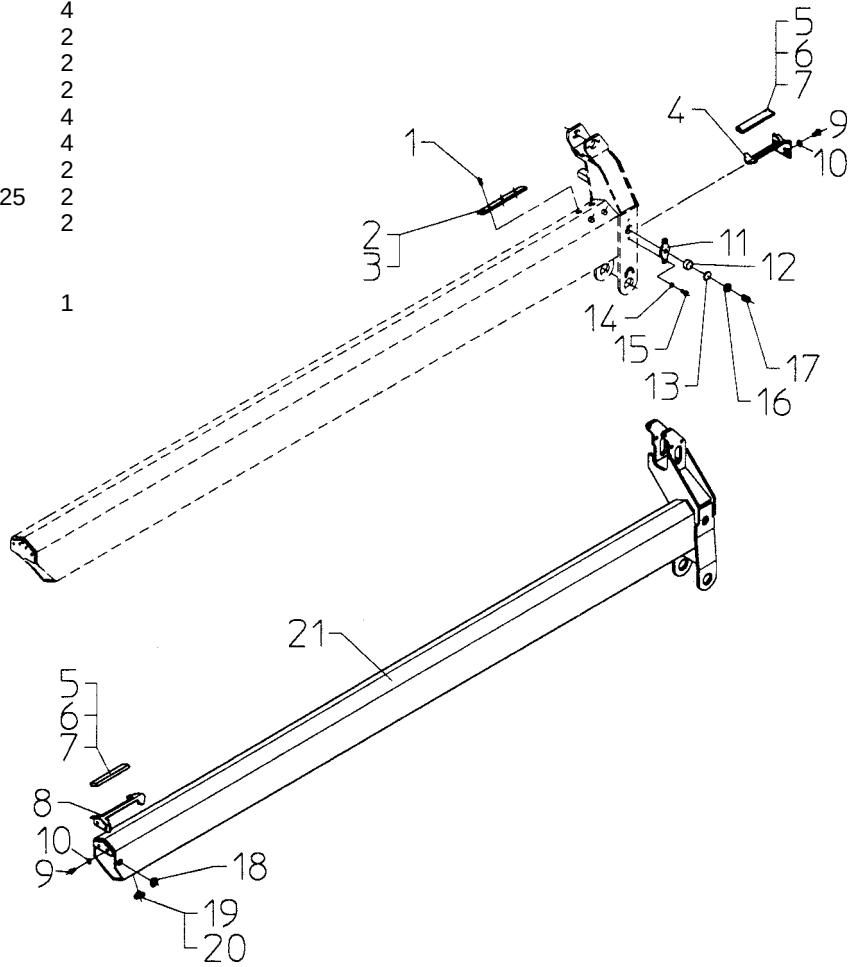
EXTENSION BOOM-K4

63 50 040	MTG FITTINGS, EXT 188MM	
1. 62 39 802	JIB EXT 3 224MM	1
2. 61 93 304	SPACER 6MM	
3. 62 35 944	SPACER 7MM	
4. 61 93 314	SPACER 8MM	
5. 30 597	SCR-C'SNK MK8X12	4
6. 31 170	LOCK WASHER 8MM	4
7. 62 32 974	LOCK WASHER	4
8. 62 39 703	SHIM-LH	
9. 62 39 723	BRACKET LH	2
10. 62 39 713	BRACKET RH	2
11. 63 763	SLIDE BLOCK 260MM	4
12. 62 39 693	SHIM-RH	
13. 31 177	WASHER 21X10.5X2	8
14. 30 154	SET SCR M10X20	8
15. 62 32 954	LOCK PLATE	
16. 61 82 334	PLATE	2
17. 30 821	COUNTER NUT M16	2
18. 30 598	POINTED SCREW MSP16X25	2
19. 62 01 114	PLUG 7MM	
20. 62 11 294	PLUG 8MM	
21. 62 39 782	JIB EXT K4 62 99 074	1



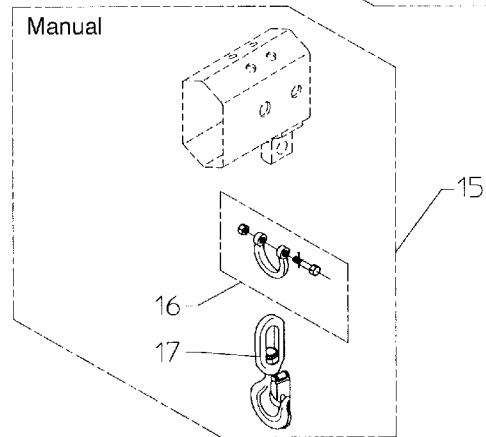
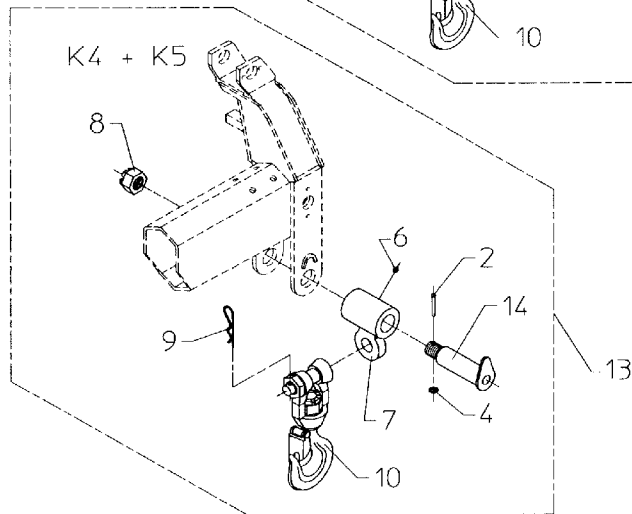
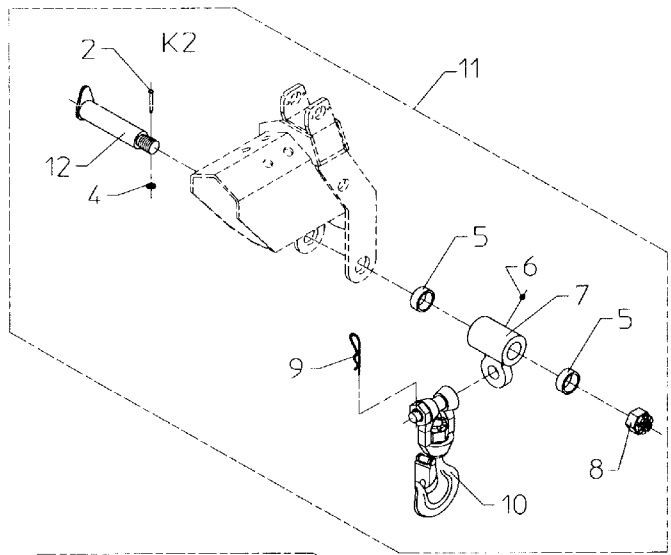
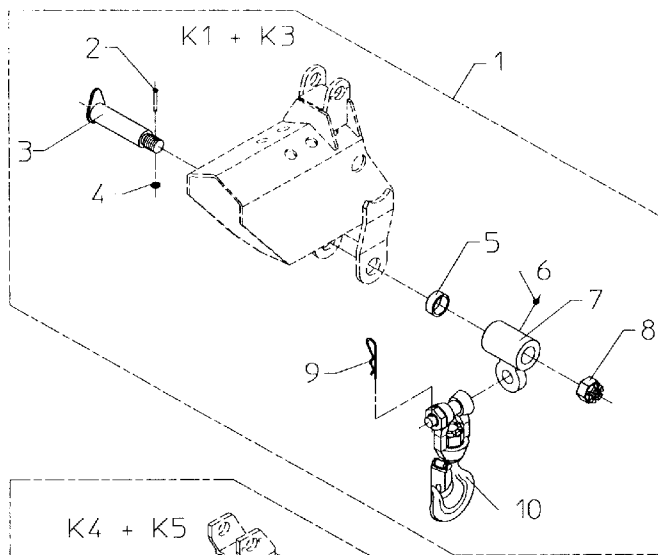
EXTENSION BOOM-K5

	63 50 050	MTG FITTINGS, EXT 152MM	
1.	62 03 424	SCREW	4
2.	62 33 794	WEAR PLATE 6MM	
3.	62 33 804	WEAR PLATE 8MM	
4.	62 39 683	BRACKET	
5.	63 804	SLIDE BLOCK 8MM 62 55 824	
6.	63 805	SLIDE BLOCK 9MM 62 55 834	
7.	63 806	SLIDE BLOCK 10MM 62 55 844	
8.	62 54 653	CLAMP	1
9.	30 154	SET SCR M10X20	4
10.	31 177	WASHER 21X10.5X2	4
11.	62 32 994	FITTINGS	2
12.	64 096	SLIDE BLOCK 60 82 064	2
13.	61 82 334	PLATE	2
14.	31 155	SPRING WASHER 8MM	4
15.	30 131	SET SCREW M8X16	4
16.	30 821	COUNTER NUT M16	2
17.	30 598	POINTED SCREW MSP16X25	2
18.	62 34 814	LOCK WASHER	2
19.	62 01 114	PLUG 7MM	
20.	62 11 294	PLUG 8MM	
21.	62 39 792	EXTENSION-5K V650	1



HOOK SUSPENSION

- | | | | |
|-----|-----------|---------------------------------------|---|
| 1. | 63 50 110 | HOOK SUSPENSION | 1 |
| 2. | 31 279 | COTTER BOLT $\varnothing 6 \times 50$ | |
| 3. | 62 34 304 | PIN | |
| 4. | 33 458 | LOCK RING-SS | |
| 5. | 63 910 | DISTANCE RING 62 34 324 | |
| 6. | 31 318 | ZERK 1/8" | |
| 7. | 62 34 274 | SUSPENSION | |
| 8. | 30 839 | NUT M30 | |
| 9. | 33 380 | LOCK SPRING 5MM | |
| 10. | 62 100 | HOOK W/SUSPENSION 8T | |
| 11. | 63 50 120 | HOOK SUSPENSION | 1 |
| 12. | 62 35 674 | PIN | |
| 13. | 63 50 130 | HOOK SUSPENSION | 1 |
| 14. | 62 34 284 | PIN | |
| 15. | 63 50 140 | HOOK SUSPENSIO-F.MANUAL | 1 |
| 16. | 62 114 | SHACKLE W/NUT 4.75T SWL | |
| 17. | 62 101 | HOOK 40KN | |



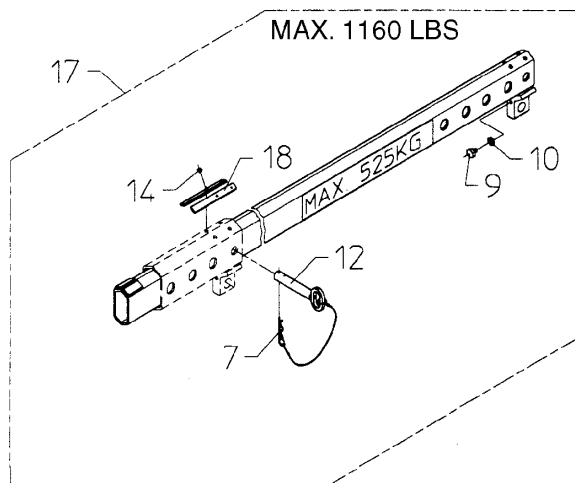
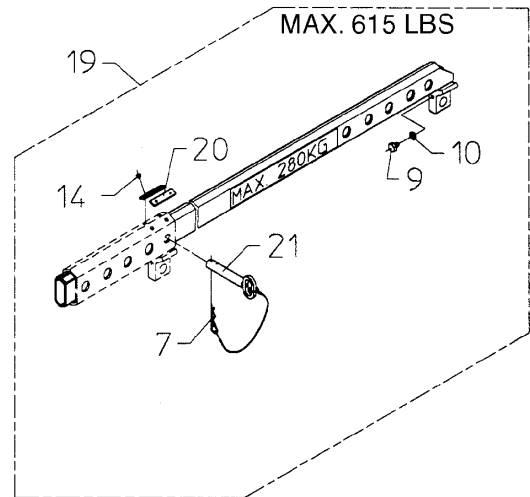
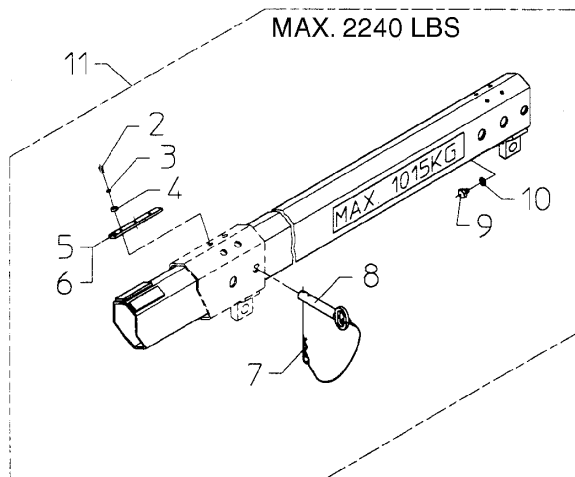
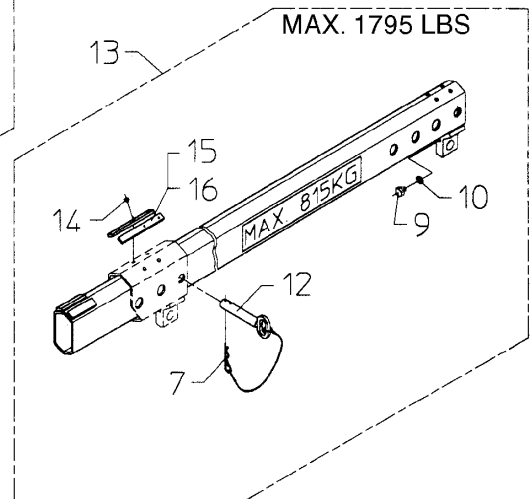
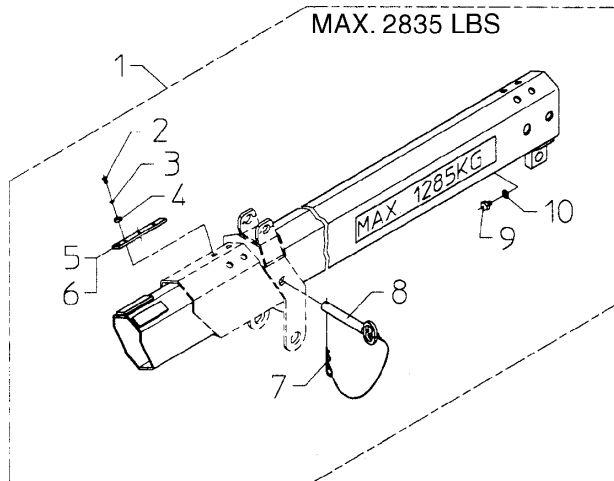
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MANUAL EXTENSIONS-K2

- | | | | |
|-----|-----------|------------------------|---|
| 1. | 62 35 660 | MANUAL EXTENSION 224MM | 1 |
| 2. | 30 597 | C'SUNK SCREW MK8X12 | |
| 3. | 31 170 | LOCK WASHER 8MM | |
| 4. | 62 32 974 | LOCK WASHER | |
| 5. | 61 93 304 | SPACER 6MM | |
| 6. | 61 93 314 | SPACER 8MM | |
| 7. | 33 382 | LOCK SPRING Ø4 | |
| 8. | 61 94 414 | LOCK PIN W/CHAIN 171MM | |
| 9. | 30 174 | SET SCREW M12X16 | |
| 10. | 31 131 | WASHER 24X13X2.5 | |

PARTS-18

- | | | | |
|-----|-----------|------------------------|---|
| 11. | 62 33 650 | MANUAL EXT 188MM | 1 |
| 12. | 61 94 394 | LOCK PIN W/CHAIN 115MM | |
| 13. | 62 33 690 | MANUAL EXT 152MM | 1 |
| 14. | 62 03 424 | SCREW | |
| 15. | 62 33 794 | WEAR PLATE 6MM | |
| 16. | 62 33 804 | WEAR PLATE 8MM | |
| 17. | 62 33 720 | MANUAL EXT 125MM | 1 |
| 18. | 62 33 814 | WEAR PLATE 5MM | |
| 19. | 62 33 750 | MANUAL EXT 100MM | 1 |
| 20. | 61 96 394 | WEAR PLATE 5MM | |
| 21. | 61 94 714 | LOCK PIN W/CHAIN 82MM | |



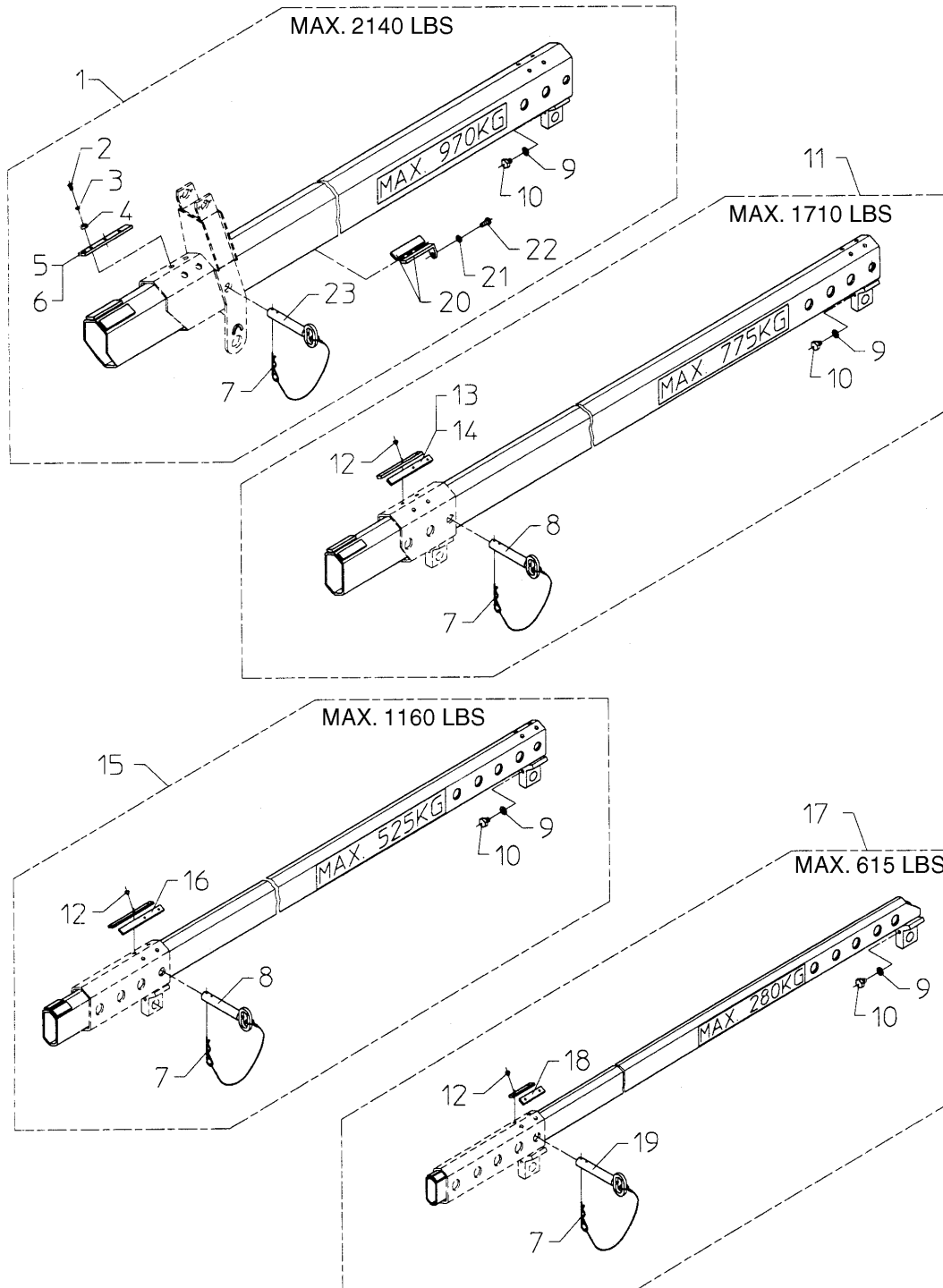
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MANUAL EXTENSIONS-K3

- | | | | |
|-----|-----------|------------------------|---|
| 1. | 62 33 650 | MANUAL EXTENSION 188MM | 1 |
| 2. | 30 597 | C'SUNK SCREW MK8X12 | |
| 3. | 31 170 | LOCK WASHER 8MM | |
| 4. | 62 32 974 | LOCK WASHER | |
| 5. | 61 93 304 | SPACER 6MM | |
| 6. | 61 93 314 | SPACER 8MM | |
| 7. | 33 382 | LOCK SPRING Ø4 | |
| 8. | 61 94 394 | LOCK PIN W/CHAIN 115MM | |
| 9. | 31 131 | WASHER 24X13X2.5 | |
| 10. | 30 174 | SET SCREW M12X16 | |

PARTS-19

- | | | | |
|-----|-----------|------------------------|---|
| 11. | 62 33 690 | MANUAL EXT 152MM | 1 |
| 12. | 62 03 424 | SCREW | |
| 13. | 62 33 794 | WEAR PLATE 6MM | |
| 14. | 62 33 804 | WEAR PLATE 8MM | |
| 15. | 62 33 720 | MANUAL EXT 125MM | 1 |
| 16. | 62 33 814 | WEAR PLATE 5MM | |
| 17. | 62 33 750 | MANUAL EXT 100MM | 1 |
| 18. | 61 96 394 | WEAR PLATE 5MM | |
| 19. | 61 94 714 | LOCK PIN W/CHAIN 82MM | |
| 20. | 62 33 784 | STOP | |
| 21. | 31 177 | WASHER 21X10.5X2 | |
| 22. | 30 155 | SET SCREW M10X25 | |
| 23. | 61 94 414 | LOCK PIN W/CHAIN 171MM | |



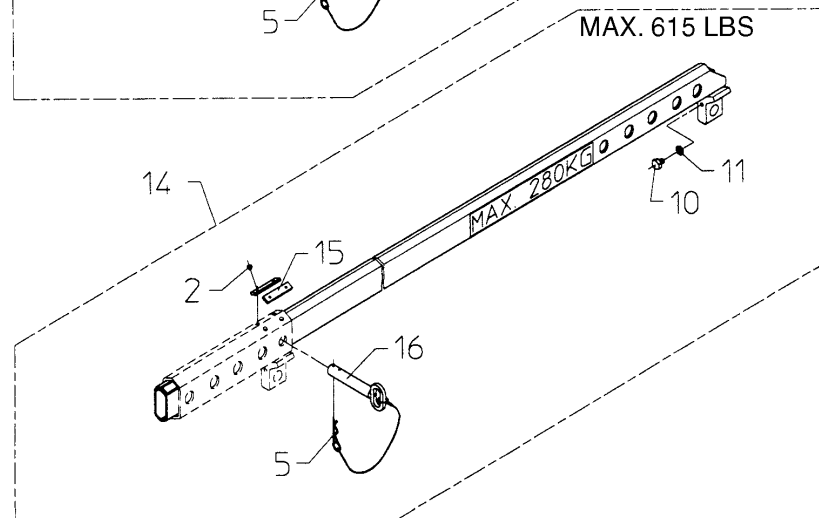
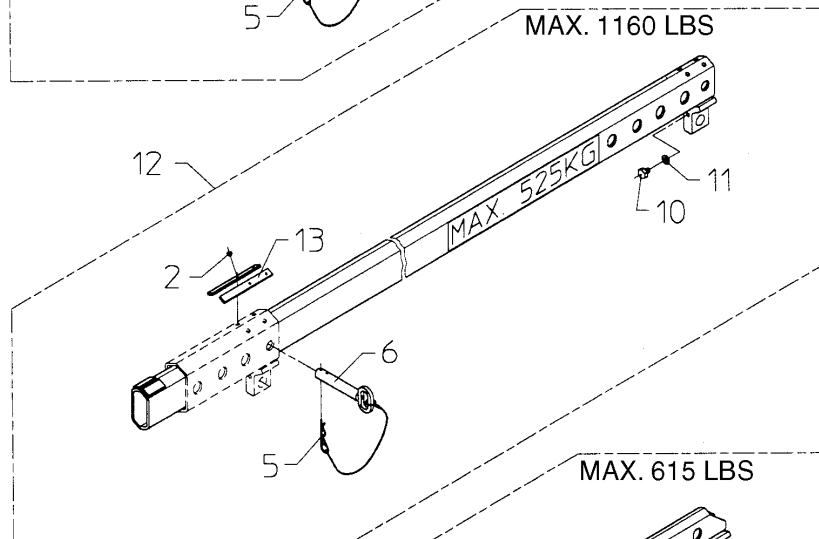
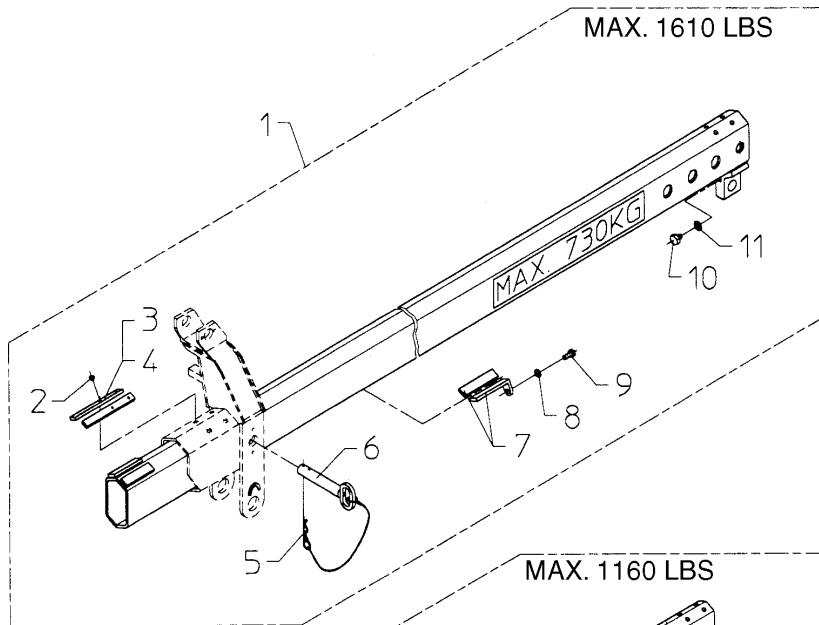
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MANUAL EXTENSIONS-K4

PARTS-20

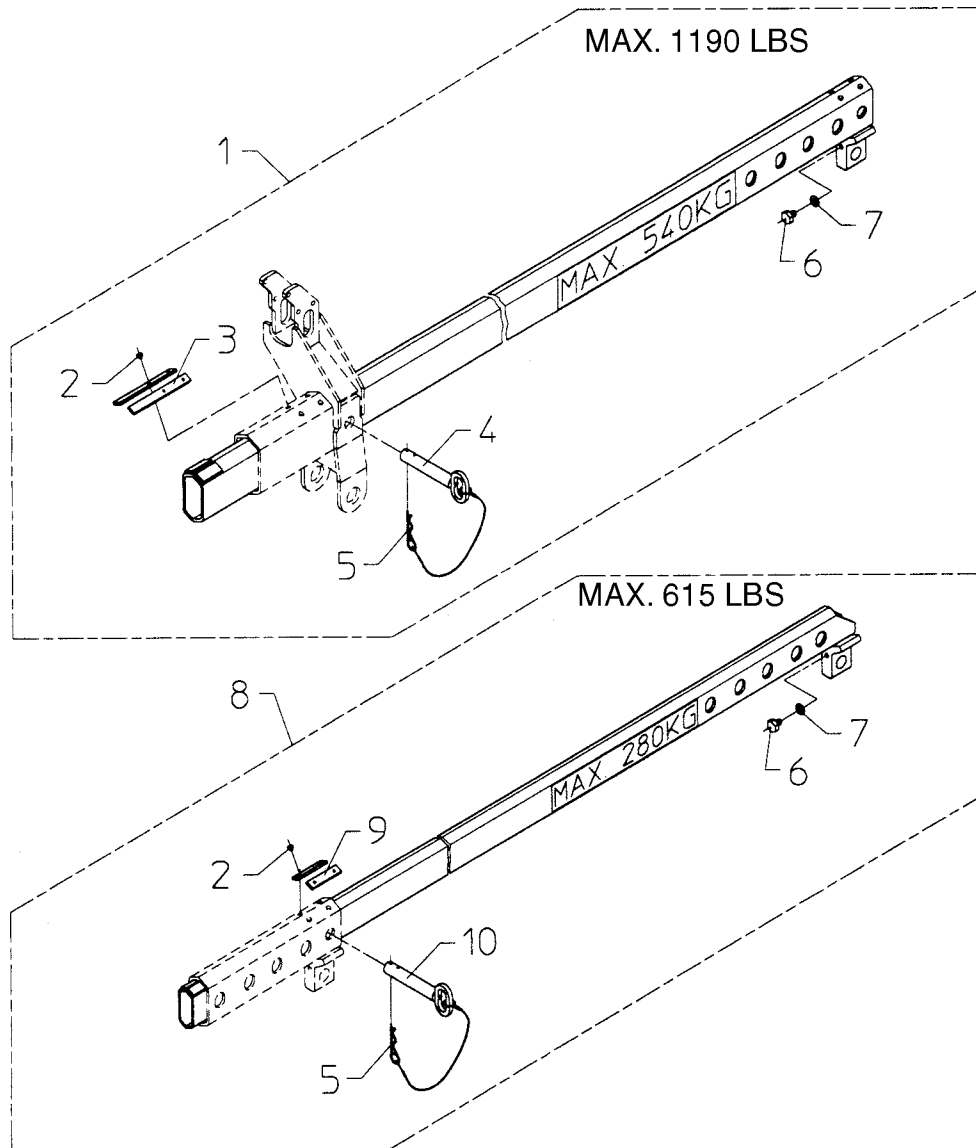
- 1. 62 33 690 MANUAL EXTENSION 152MM 1
- 2. 62 03 424 SCREW
- 3. 62 33 794 WEAR PLATE 6MM
- 4. 62 33 804 WEAR PLATE 8MM
- 5. 33 382 LOCK SPRING Ø4
- 6. 61 94 394 LOCK PIN W/CHAIN 115MM

- 7. 62 33 784 STOP
- 8. 31 177 WASHER 21X10.5X2
- 9. 30 155 SET SCREW M10X25
- 10. 30 174 SET SCREW M12X16
- 11. 31 131 WASHER 24X13X2.5
- 12. 62 33 720 MANUAL EXT 125MM 1
- 13. 62 33 814 WEAR PLATE 5MM
- 14. 62 33 750 MANUAL EXT 100MM 1
- 15. 61 96 394 WEAR PLATE 5MM
- 16. 61 94 714 LOCK PIN W/CHAIN 82MM



MANUAL EXTENSIONS-K5

- | | | | |
|-----|-----------|------------------------|---|
| 1. | 62 33 720 | MANUAL EXTENSION 125MM | 1 |
| 2. | 62 03 424 | SCREW | |
| 3. | 62 33 814 | WEAR PLATE 5MM | |
| 4. | 61 96 394 | WEAR PLATE 5MM | |
| 5. | 33 382 | LOCK SPRING Ø4 | |
| 6. | 30 174 | SET SCREW M12X16 | |
| 7. | 31 131 | WASHER 24X13X2.5 | |
| 8. | 62 33 750 | MANUAL EXT 100MM | 1 |
| 9. | 61 96 394 | WEAR PLATE 5MM | |
| 10. | 61 94 714 | LOCK PIN W/CHAIN 82MM | |



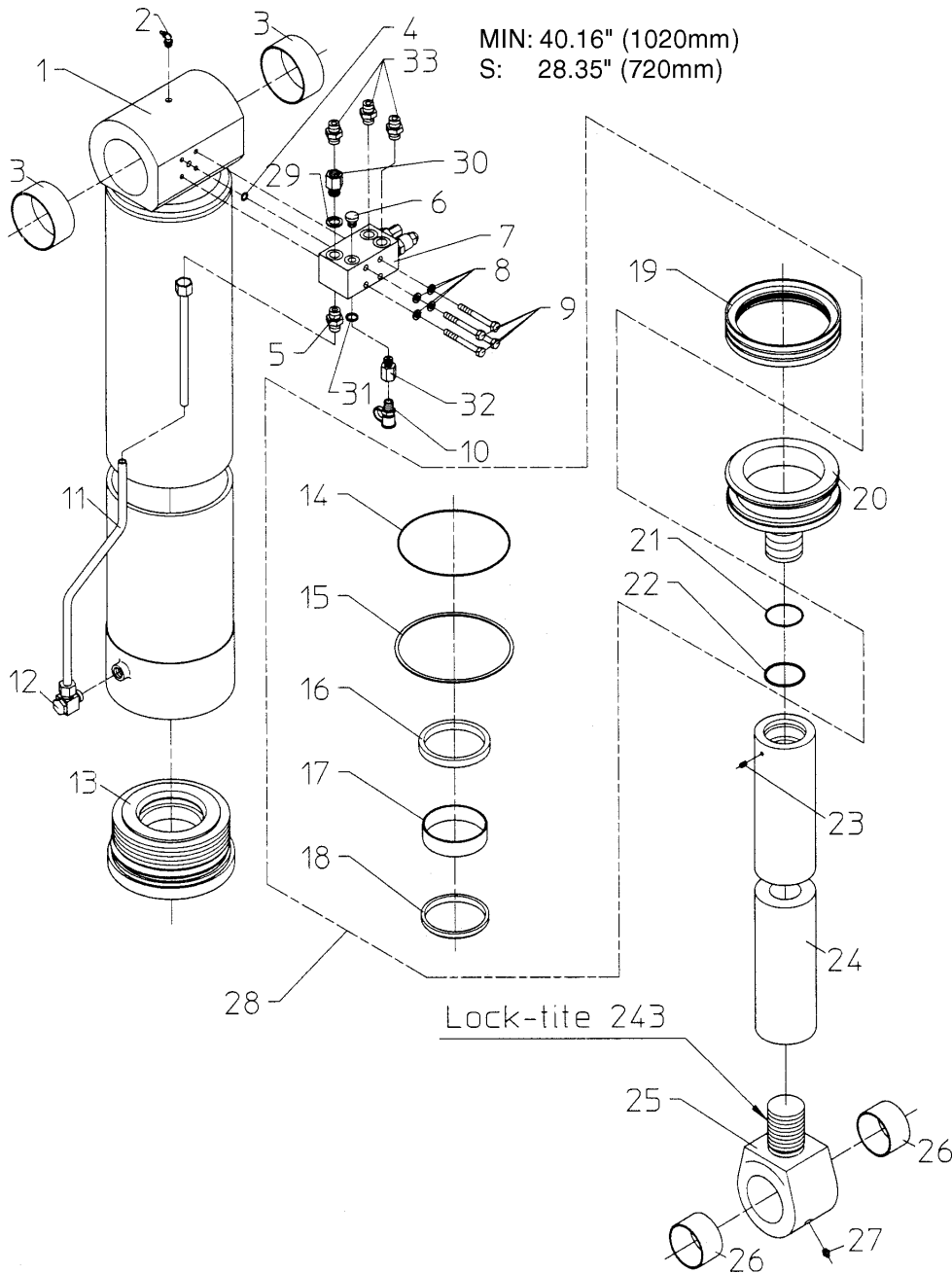
16/117: 516 03 010: 20001031

INNER BOOM CYLINDER-C170-720

	62 31 000	TILTING RAM C170-720	
	62 33 620	BOOM CYL + LHV	
1.	61 81 284	CYLINDER	1
2.	31 322	ZERK 1/8" 90°	1
3.	23 320	BUSHING PM8540DX	2
4.	20 138	O-RING 10.77X2.62	
5.	25 127	CONN P-GEV12LR-WD	1
6.	25 197	PLUG VS-R-1/4WD	1
7.	59 979	LOAD HOLDING VALVE	1
8.	31 155	SPRING WASHER 8MM	4
9.	30 142	STEEL BOLT M8X70	4
10.	59 840	QUICK RELEASE COUPLING M	1
11.	62 78 024	PIPE	1
12.	25 130	BANJO CONN P-RSWV12LR	1
13.	61 81 242	GUIDE	1
14.	20 347	O-RING 164.3X5.7	1
15.	20 889	BACK RING 165X175	1

PARTS-22

16.	20 692	SEAL 90X105X12.5	1
17.	21 998	BEARING 90/95X25	1
18.	20 530	SCRAPER GA90X100X7/10	1
19.	20 905	DBL SLEEVE 170X140X25.4	1
20.	62 31 023	PISTON	1
21.	20 183	O-RING 54.5X3	1
22.	20 882	BACK RING 54.5X3.0	1
23.	30 903	SCREW MSP6X8	1
24.	62 31 013	PISTON ROD	1
25.	61 81 343	PISTON ROD HEAD	1
26.	23 336	BUSHING PM7040DX	2
27.	31 318	ZERK 1/8	1
28.	68 92 520	SEAL KIT	
29.	21 125	WASHER GM1000R3/8	1
30.	25 869	REDUCING NIPPLE	1
31.	21 102	SEAL WASHER Ø14X18.7X1.5	1
32.	25 859	SOCKET NV18	1
33.	25 831	CONN JIC F40XS12-3/8	3



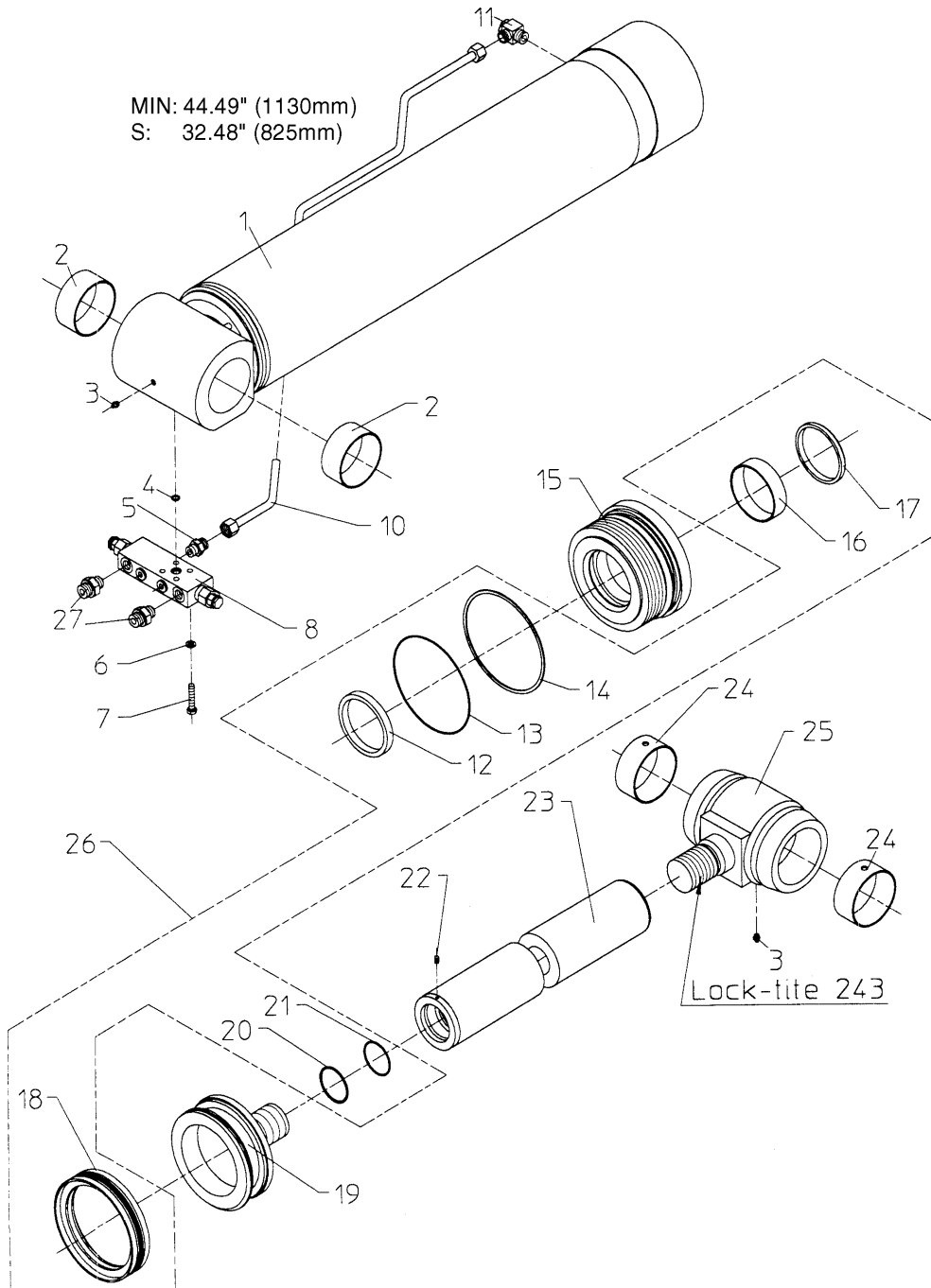
16/117: 516 03 050: 20001031

OUTER BOOM CYLINDER-C150-825

	62 31 030	CYLINDER + LHV	
	61 31 040	BENDING RAM	1
1.	61 71 994	CYLINDER	1
2.	23 342	BUSHING PM8040DX	2
3.	31 318	ZERK 1/8"	2
4.	20 138	O-RING 10.77X2.62	
5.	25 127	CONNECTION P-GEV12LR-WD	1
6.	31 155	SPRING WASHER 8MM	4
7.	30 138	SET SCREW M8X45	4
8.	59 027	LOSD HOLDING VALVE	1
10.	62 51 264	PIPE	1
11.	25 130	BANJO CONN P-RSWV12LR	1
12.	20 619	SEAL 85X100X13	1
13.	20 330	O-RING 149.3X5.7	1
14.	20 721	BACK RING 149.3X5.7	1

PARTS-23

15.	61 71 752	GUIDE	1
16.	21 918	BEARING 85/90X25	1
17.	20 529	SCRAPER 85X95X7/10	1
18.	20 792	SEAL 150X125X25.4	1
19.	62 31 053	PISTON	1
20.	20 882	BACK RING 55X60	1
21.	20 183	O-RING 54.5X3	1
22.	30 903	SCREW MSP6X8	1
23.	62 31 063	PISTON ROD	1
24.	23 320	BUSHING PM8540DX	2
25.	62 31 072	PISTON ROD HEAD	1
26.	68 92 780	SEAL KIT (INCL:4,5,7-9,11,12)	1
27.	25 831	CONN JIC F40XS12-3/8	2

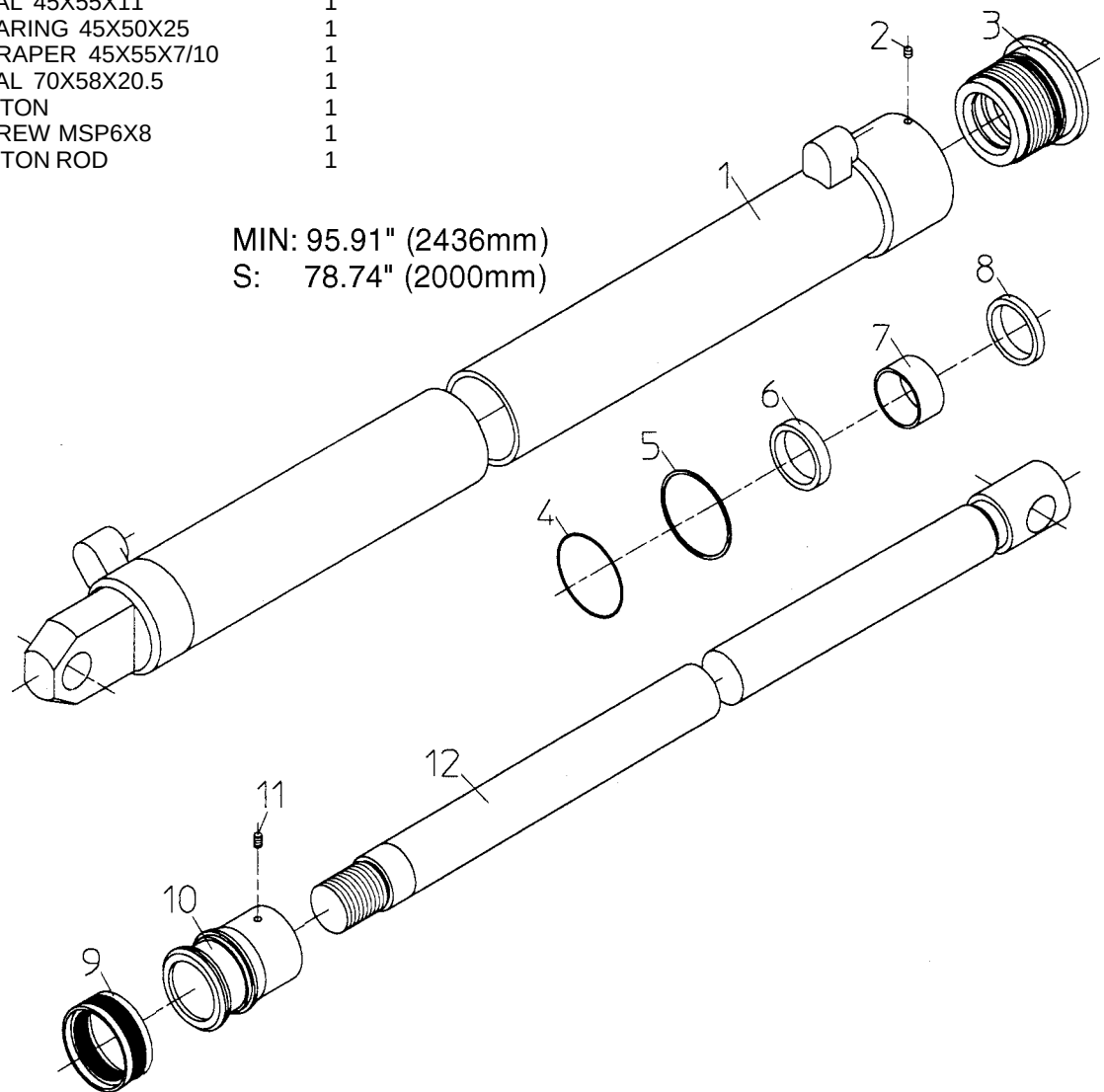


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PARTS-24

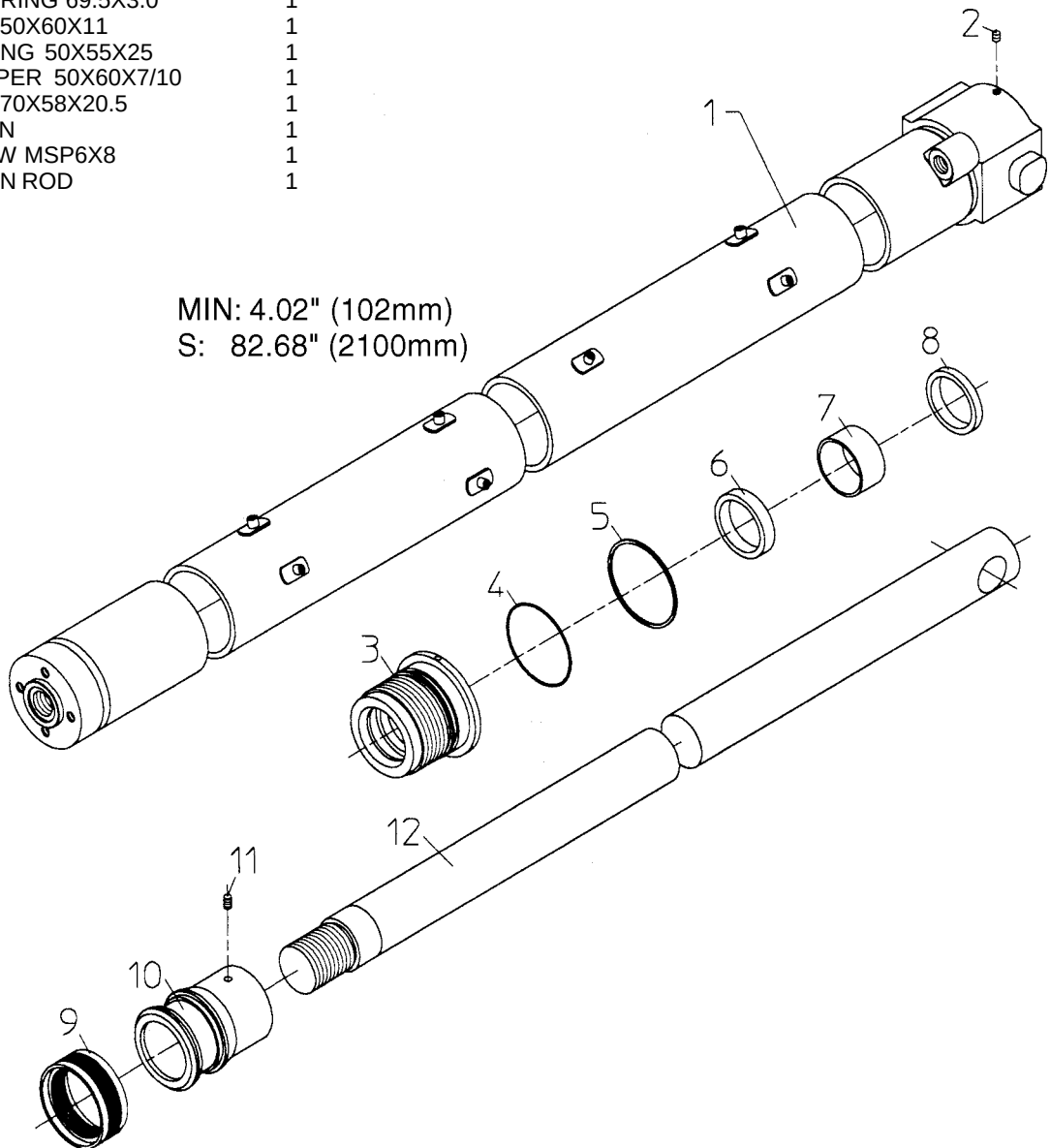
EXTENSION CYLINDER-C70/45S-2000

62 34 930	EXTENSION CYL C70-2000	1
68 92 530	SEAL KIT (INCL:4-9)	1
1. 62 30 792	CYLINDER	1
2. 30 551	POINTED SCR MSP6X6	1
3. 61 82 543	GUIDE	1
4. 20 187	O-RING 69.5X3	1
5. 20 708	BACK RING 69.5X3.0	1
6. 20 680	SEAL 45X55X11	1
7. 21 981	BEARING 45X50X25	1
8. 20 514	SCRAPER 45X55X7/10	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



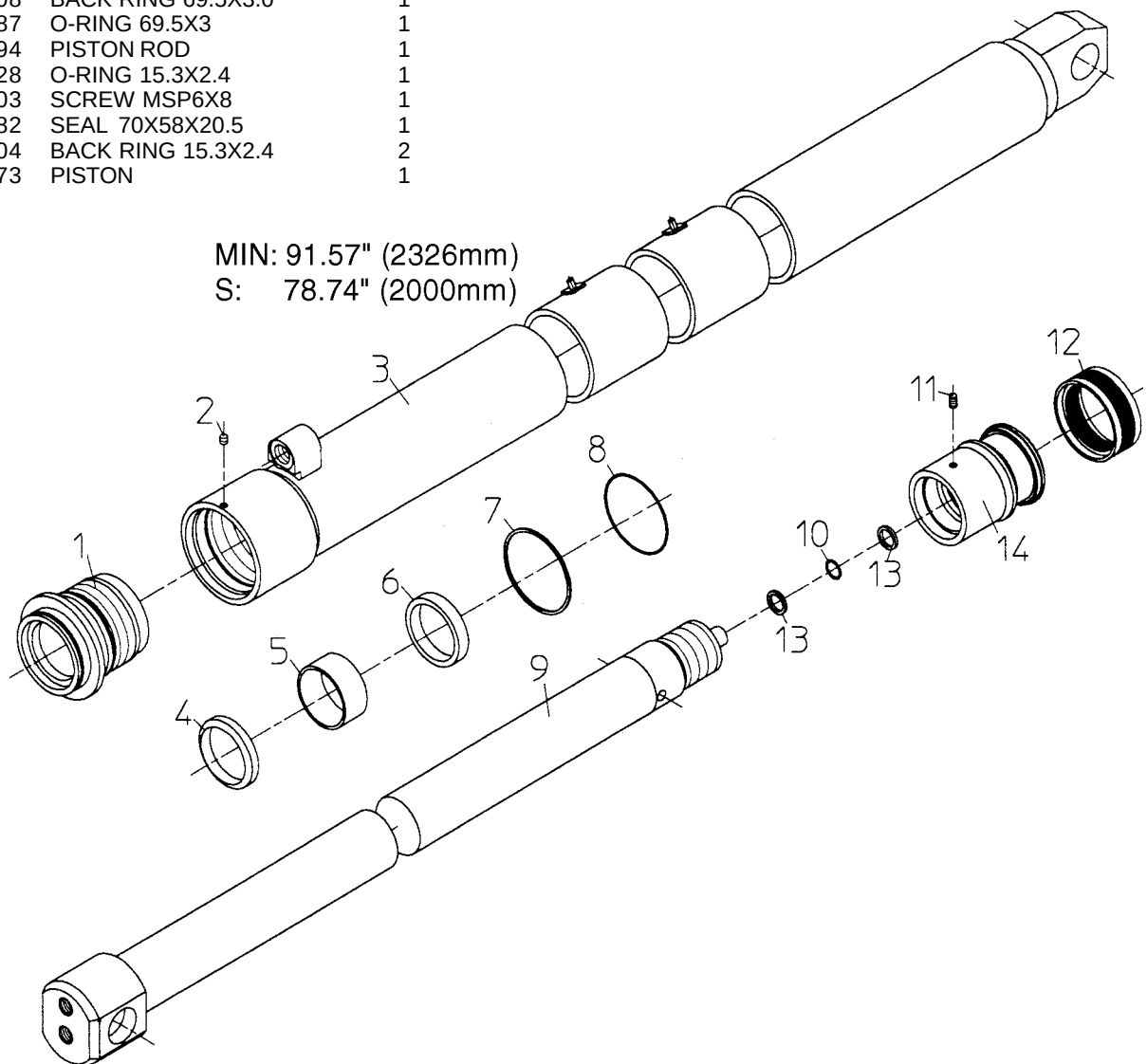
EXTENSION CYLINDER-C70-50S-2100

62 38 710	EXTENSION CYLINDER	1
68 93 350	SEAL KIT (INCL:4-9)	1
1. 62 97 262	CYLINDER	1
2. 30 551	POINTED SCR MSP6X6	1
3. 62 31 203	GUIDE	1
4. 20 187	O-RING 69.5X3	1
5. 20 708	BACK RING 69.5X3.0	1
6. 20 693	SEAL 50X60X11	1
7. 21 982	BEARING 50X55X25	1
8. 20 515	SCRAPER 50X60X7/10	1
9. 20 782	SEAL 70X58X20.5	1
10. 61 83 053	PISTON	1
11. 30 903	SCREW MSP6X8	1
12. 62 56 694	PISTON ROD	1



EXTENSION CYLINDER-C70-55H-2000

62 38 480	EXTENSION CYLINDER	1
68 93 360	SEAL KIT (INCL:4-8,10,12,13)	1
1. 62 38 513	GUIDE	1
2. 30 551	POINTED SCR MSP6X6	1
3. 62 38 822	CYLINDER	1
4. 20 516	SCREAPER 55X65X7/10	1
5. 22 116	BEARING	1
6. 20 686	SEAL 55X65X11	1
7. 20 708	BACK RING 69.5X3.0	1
8. 20 187	O-RING 69.5X3	1
9. 62 38 494	PISTON ROD	1
10. 20 128	O-RING 15.3X2.4	1
11. 30 903	SCREW MSP6X8	1
12. 20 782	SEAL 70X58X20.5	1
13. 20 704	BACK RING 15.3X2.4	2
14. 62 38 473	PISTON	1

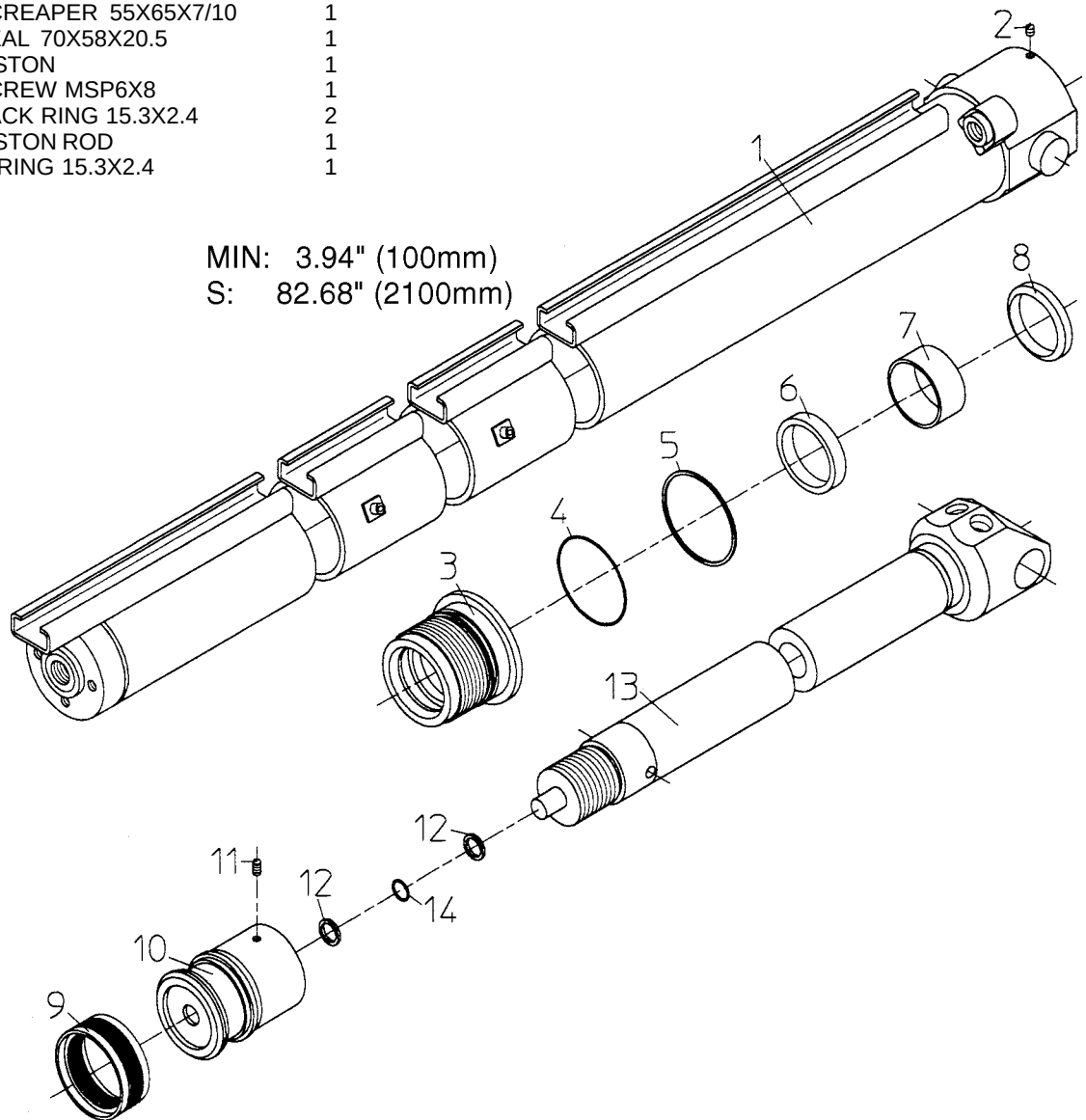


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PARTS-27

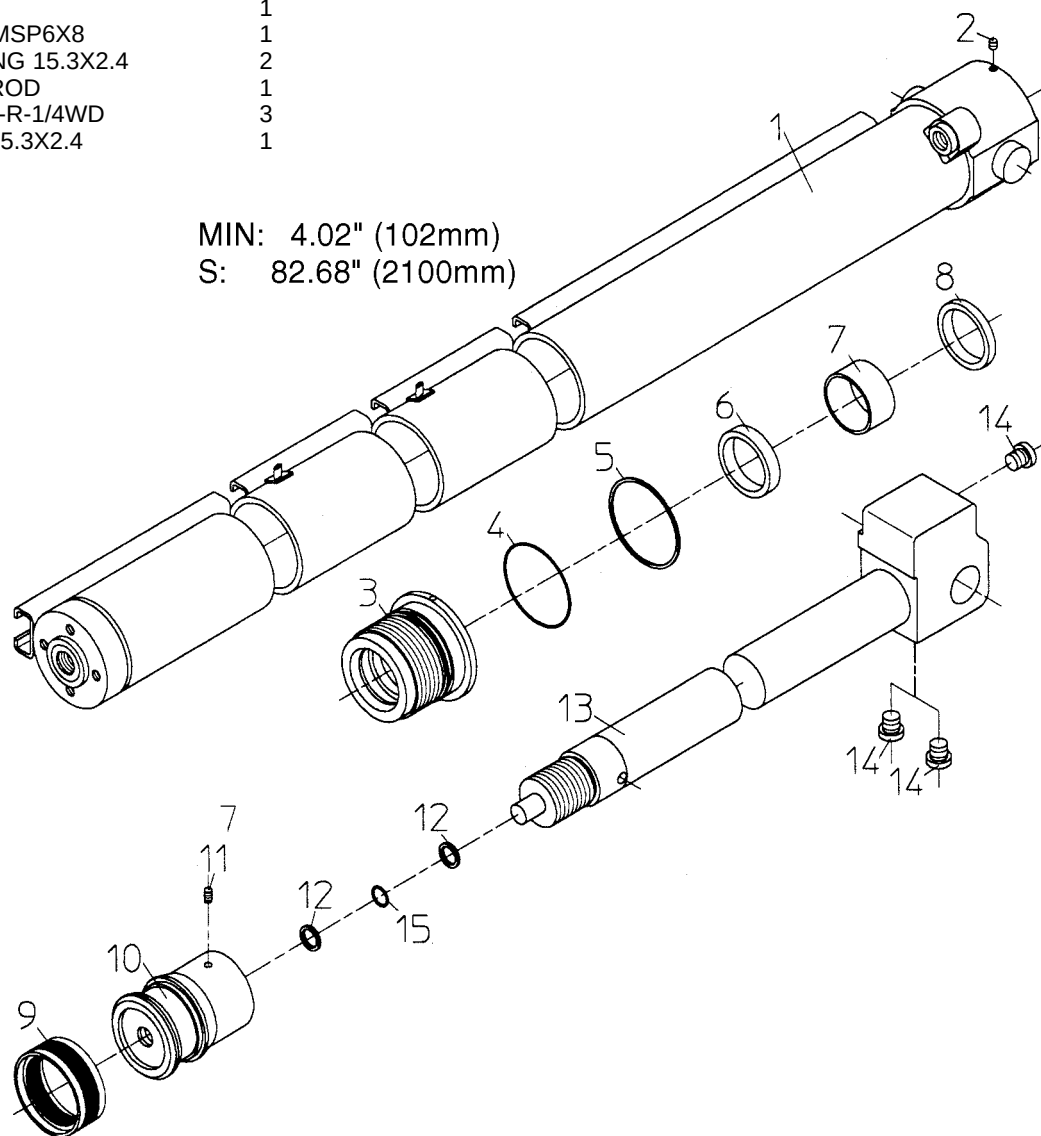
EXTENSION CYLINDER-C70-55H-2100

	62 38 430	EXTENSION CYLINDER	1
	68 93 360	SEAL KIT (INCL:4-9,12,14)	1
1.	62 38 532	CYLINDER	1
2.	30 551	POINTED SCR MSP6X6	1
3.	62 38 443	GUIDE	1
4.	20 187	O-RING 69.5X3	1
5.	20 708	BACK RING 69.5X3.0	1
6.	20 686	SEAL 55X65X11	1
7.	22 116	BEARING	1
8.	20 516	SCREAPER 55X65X7/10	1
9.	20 782	SEAL 70X58X20.5	1
10.	62 38 473	PISTON	1
11.	30 903	SCREW MSP6X8	1
12.	20 704	BACK RING 15.3X2.4	2
13.	62 38 454	PISTON ROD	1
14.	20 128	O-RING 15.3X2.4	1



EXTENSION CYLINDER-C70-50H-2100

62 38 520	EXTENSION CYLINDER	1
68 92 540	SEAL KIT (INCL:4-9,12,15)	1
1. 62 38 582	CYLINDER	1
2. 30 551	POINTED SCR MSP6X6	1
3. 62 31 203	GUIDE	1
4. 20 187	O-RING 69.5X3	1
5. 20 708	BACK RING 69.5X3.0	1
6. 20 693	SEAL 50X60X11	1
7. 21 982	BEARING 50X55X25	1
8. 20 515	SCRAPER 50X60X7/10	1
9. 20 782	SEAL 70X58X20.5	1
10. 61 81 413	PISTON	1
11. 30 903	SCREW MSP6X8	1
12. 20 704	BACK RING 15.3X2.4	2
13. 62 38 554	PISTON ROD	1
14. 25 197	PLUG VS-R-1/4WD	3
15. 20 128	O-RING 15.3X2.4	1

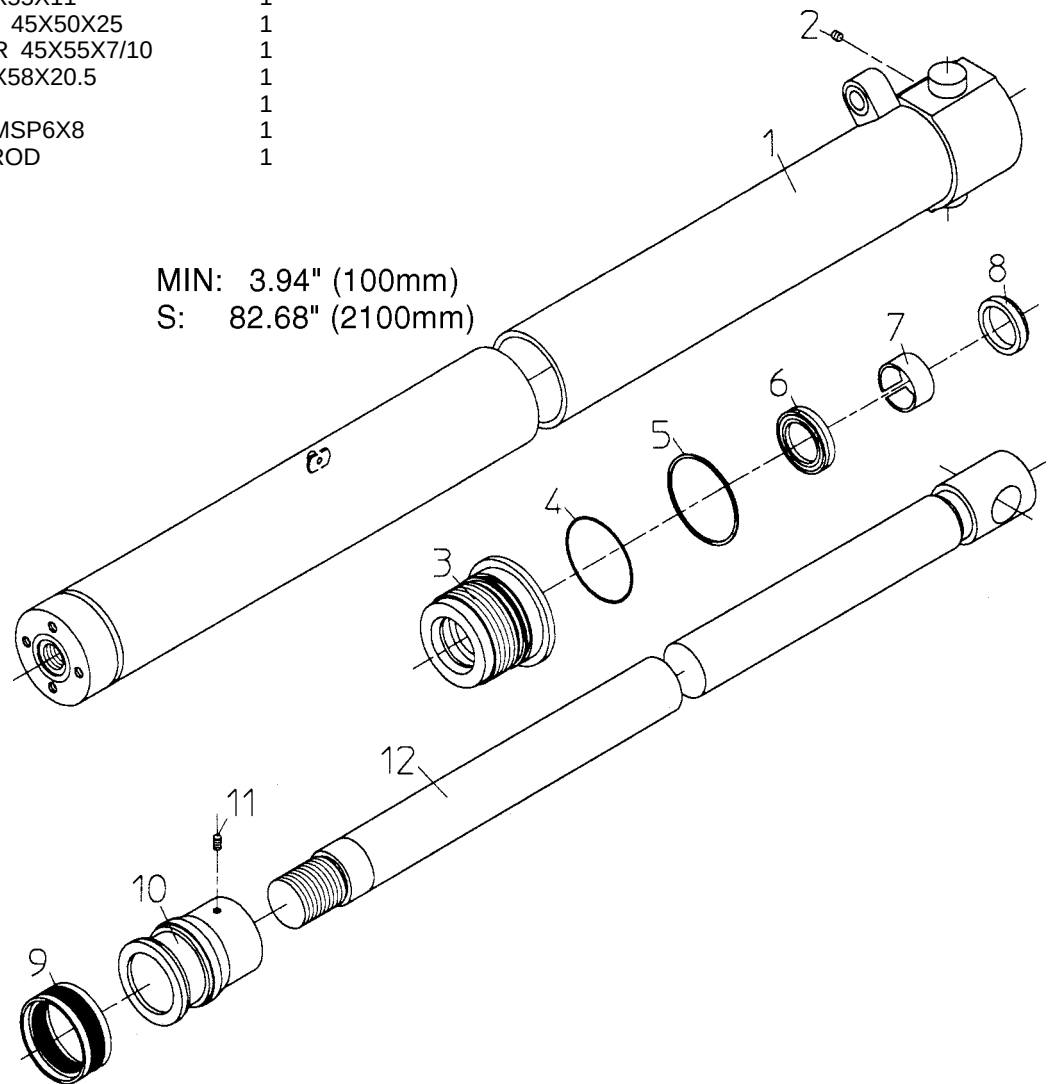


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PARTS-29

EXTENSION CYLINDER-C70-45S-2100

	62 97 250	EXTENSION CYLINDER	1
	68 92 530	SEAL KIT (INCL:4-9)	1
1.	62 97 262	CYLINDER	1
2.	30 551	POINTED SCR MSP6X6	1
3.	61 82 543	GUIDE	1
4.	20 187	O-RING 69.5X3	1
5.	20 708	BACK RING 69.5X3.0	1
6.	20 680	SEAL 45X55X11	1
7.	21 981	BEARING 45X50X25	1
8.	20 514	SCRAPER 45X55X7/10	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



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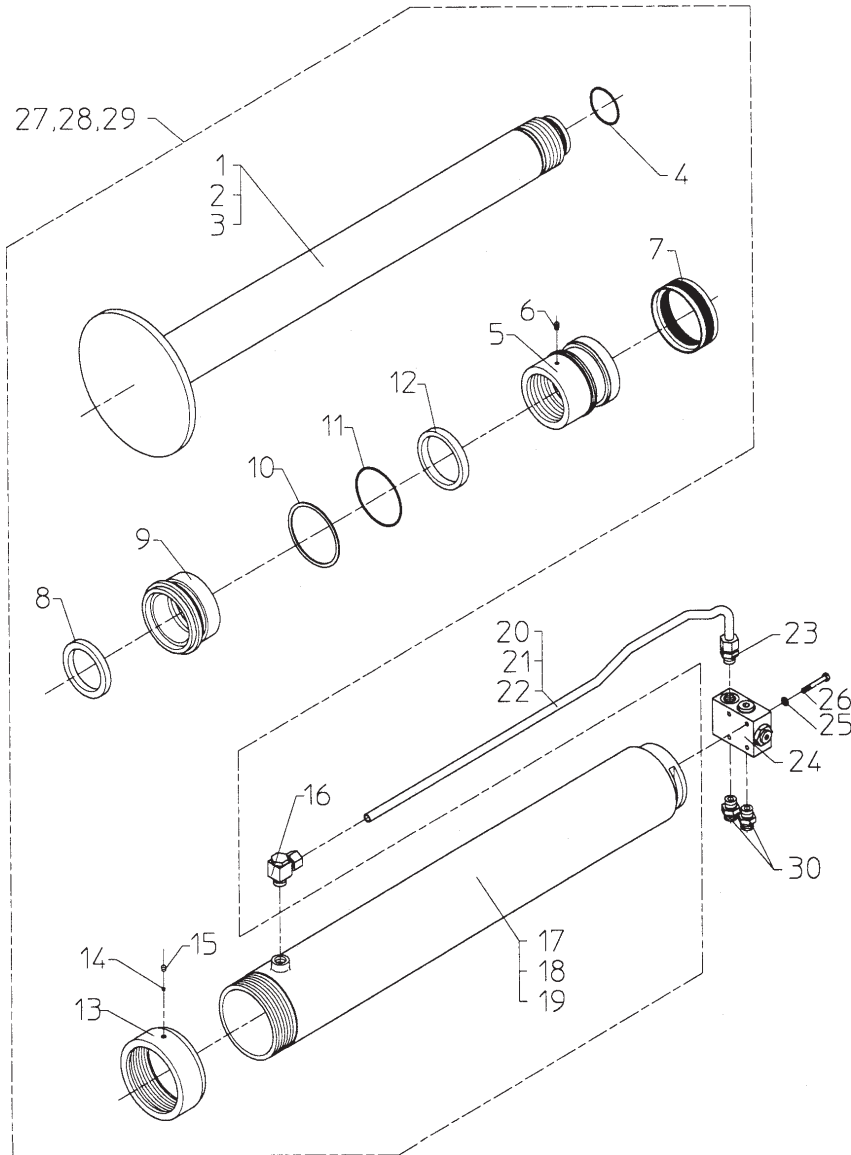
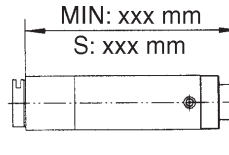
STABILIZER CYLINDER-C100-XXX TYPE V

	62 85 680	STABILIZER CYL V500	
	62 85 690	STABILIZER CYL V650	
	62 85 700	STABILIZER CYL V800	
	68 92 800	SEAL KIT (INCL:4,7,8,10-12)	
1.	58 71 903	PISTON ROD-COMP C100-500	
2.	60 46 143	PISTON ROD C100-650	
3.	60 25 903	PISTON ROD C100-800	
4.	20 183	O-RING 54.5X3	1
5.	60 00 833	PISTON	1
6.	30 903	SCREW MSP6X8	1
7.	20 790	DBL SLEEVE 100X86X22.5	1
8.	20 523	SCRAPER 75X85X7/10	1
9.	60 00 824	GUIDE	1
10.	20 711	BACK RING 89.1X5.7	1
11.	20 323	O-RING 89.1X5.7	1
12.	20 670	SEAL 75X90X12	1

PARTS-30

13.	56 56 144	COUPLING NUT	1
14.	31 109	LOCKING DISC Ø4.5X2	1
15.	30 551	POINTED SCR MSP6X6	1
16.	25 130	BANJO CONN P-RSWV12LR	1
17.	62 35 523	CYLINDER C100-500	
18.	62 31 113	CYLINDER C100-650	
19.	62 36 953	CYLINDER C100-800	
20.	62 35 544	PIPE C100-500	
21.	62 37 724	PIPE C100-650	
22.	62 36 974	PIPE C100-800	
23.	25 127	CONNECTION PGEV12LRWD	1
24.	59 924	PILOTED CHK VALVE	1
25.	31 154	SPRING WASHER 6MM	4
26.	30 118	STEEL BOLT M6X45	4
27.	62 37 310	STAB CYL V C100-500	
28.	62 36 820	STAB CYL V C100-650	
29.	62 37 320	STAB CYL V C100-800	
30.	25 831	CONN JIC F40XS12-3/8	2

TYPE	MIN:	S:
C100-500	29.33"(745mm)	19.69"(500mm)
C100-650	35.24"(895mm)	25.59"(650mm)
C100-800	41.14"(1045mm)	31.50"(800mm)



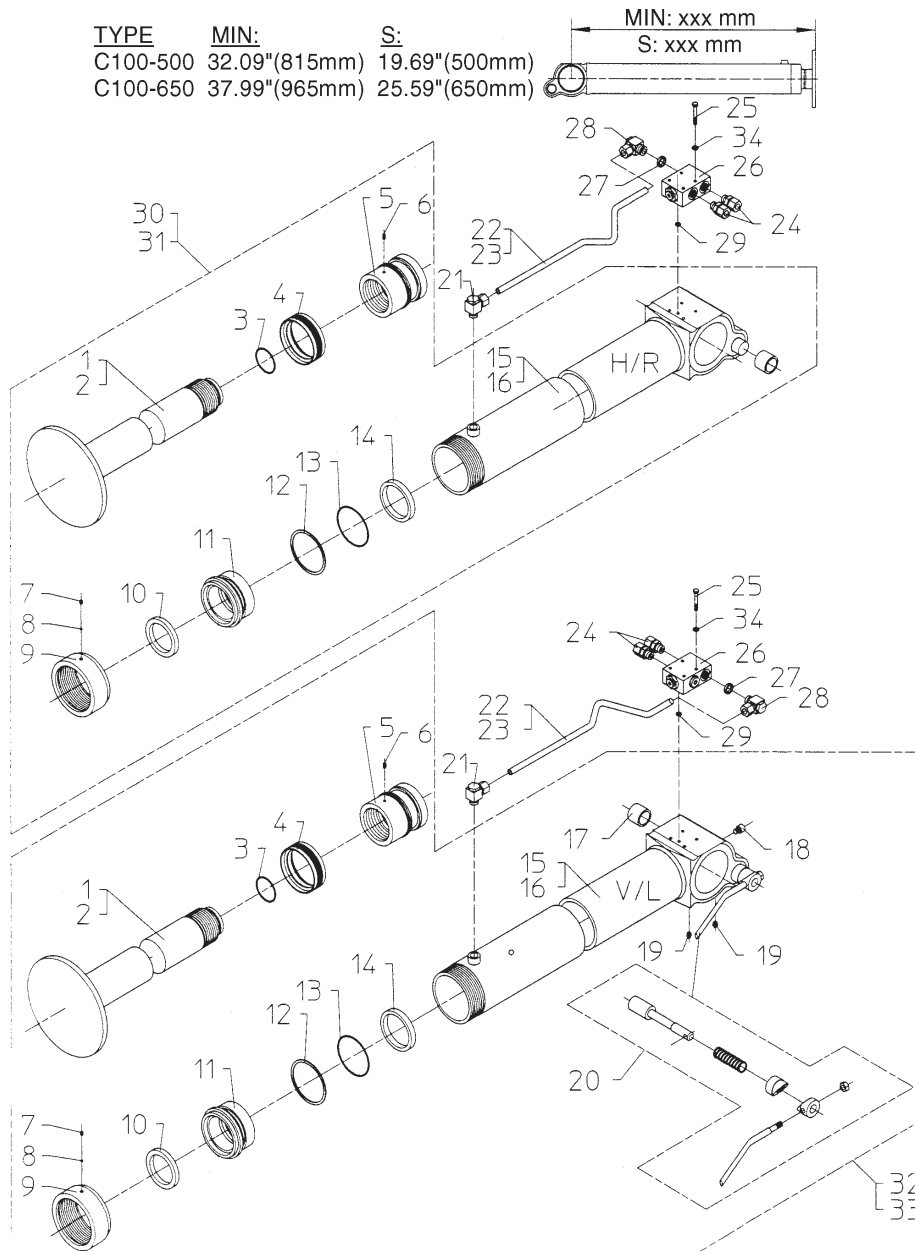
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STABILIZER CYLINDER-C100-XXX TYPE R

	62 85 710	STABILIZER CYL R RIGHT	
	62 85 730	STABILIZER CYL RIGHT	
	62 85 720	STABILIZER CYL R LEFT	
	62 85 740	STABILIZER CYL LEFT-TYPE R650	
	68 92 800	SEAL KIT (INCL:3,4,10,12-14)	
1.	60 64 143	PISTON ROD C100-650	
2.	58 71 903	PISTON ROD-COMP C100-500	
3.	20 183	O-RING 54.5X3	1
4.	20 790	DBL SLEEVE 100X86X22.5	1
5.	60 00 833	PISTON	1
6.	30 903	SCREW MSP6X8	1
7.	30 551	POINTED SCREW MSP6X6	1
8.	31 109	COPPER LOCKING DISC	1
9.	56 56 144	COUPLING NUT	1
10.	20 523	SCRAPER GA75X85X7/10	1
11.	60 00 824	GUIDE	1
12.	20 711	BACK RING 89.1X5.7	1
13.	20 323	O-RING 89.1X5.7	1
14.	20 670	SEAL 75X90X12	1

PARTS-31

15.	62 37 232	CYLINDER C100-500	
16.	62 33 262	CYLINDER	
17.	62 33 294	BUSHING	1
18.	30 472	SCREW MC10X12	1
19.	31 318	ZERK 1/8"	2
20.	62 33 303	SWVL LOCK-COMPL	1
21.	25 130	BANJO CONN P-RSWV12LR	1
22.	62 37 244	PIPE C100-500	
23.	62 33 254	PIPE C100-650	
24.	25 831	CONN JIC F40XS12-3/8	2
25.	30 118	STEEL BOLT M6X45	4
26.	59 924	PILOTED CHK VALVE	1
27.	26 365	RING DKA R3/8	1
28.	26 378	BANJO CONN SBE12LR3/8	1
29.	20 137	O-RING 9.19X2.62	
30.	62 37 330	STAB CYL R RIGHT C100-500	
31.	62 36 830	STAB CYL R RIGHT C100-600	
32.	62 37 340	STAB CYL R LEFT C100-500	
33.	62 36 840	STAB CYL R LEFT C100-650	
34.	31 154	SPRING WASHER 6MM	4



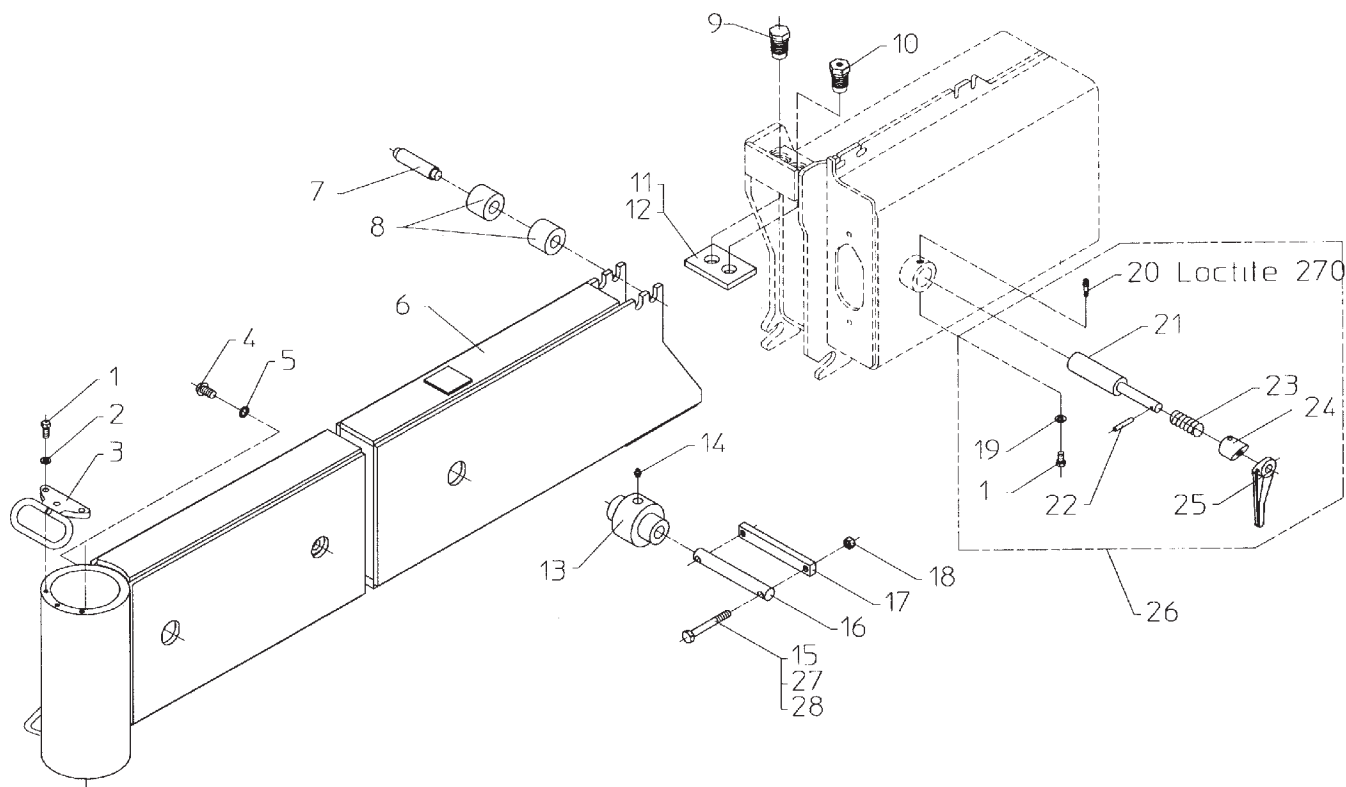
16/117: 516 04 010: 20001031

STABILIZER BEAM-TYPE SV

	62 33 350	COMPONENTS KIT-SV	
1.	30 131	SET SCR M8X16	
2.	31 155	SPRING WASHER 8MM	3
3.	62 33 533	LOCK PLATE	1
4.	30 927	SCREW M12X12	1
5.	33 219	BACK RING 12X18X1	1
6.	62 33 362	SGL EXTENSION 268MM	1
7.	62 33 494	PIN-GUIDE ROLLER	1
8.	64 053	GUIDE ROLLER	2
9.	60 20 554	SCREW	2
10.	62 38 394	SCREW	1
11.	62 33 484	SPACER 10MM	
12.	62 33 474	SPACER 8MM	
13.	63 959	GUIDE ROLLER	1
14.	31 324	ZERK 1/4UNF	1
15.	30 163	STEEL BOLT M10X80	

PARTS-32

16.	62 33 464	PIN	1
17.	62 33 454	THREADED SHEET	1
18.	30 888	LOCK NUT M10	2
19.	31 147	WASHER 16X8.4X1.6	
20.	31 328	ZERK M6X1-0	
21.	62 33 514	LOCK PIN	
22.	31 210	RETAINING PIN Ø6X36	
23.	33 305	SPRING	
24.	62 33 504	HOUSING	
25.	62 33 524	LEVER	
26.	62 78 720	STABILIZER LOCK	1
27.	30 162	STEEL BOLT M10X70	
28.	30 164	STEEL BOLT M10X90	



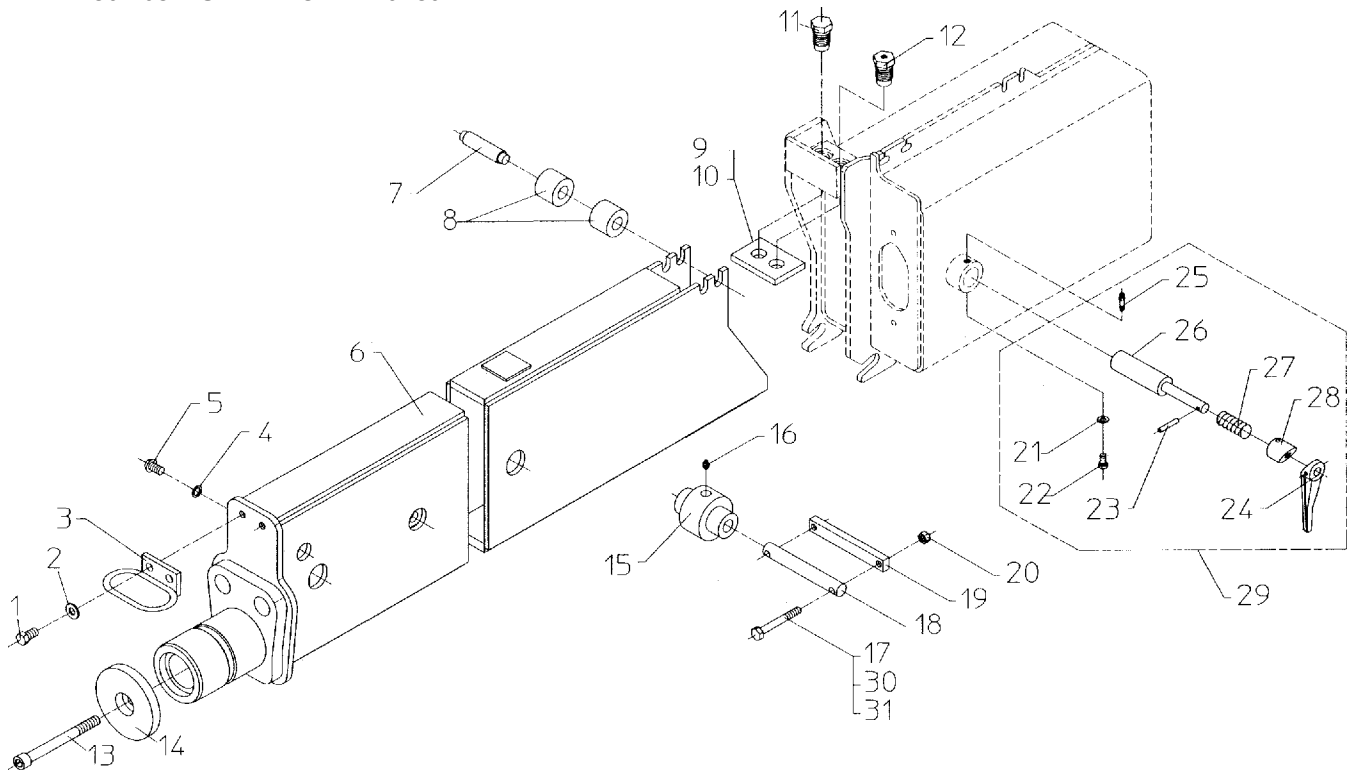
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STABILIZER BEAM-TYPE SR

	62 33 550	COMPONENTS KIT-SR	
1.	30 175	SET SCR M12X20	2
2.	31 158	SPRING WASHER 12MM	2
3.	60 45 764	LEVER	1
4.	33 219	BACK RING 12X18X1	1
5.	30 927	SCREW M12X12	1
6.	62 33 562	SGL EXT-SWING UP 268MM	1
7.	62 33 494	PIN-GUIDE ROLLER	1
8.	64 053	GUIDE ROLLER	2
9.	62 33 484	SPACER 10MM	
10.	62 33 474	SPACER 8MM	
11.	60 20 554	SCREW	1
12.	62 38 394	SCREW	1
13.	30 525	SCREW MC24X140	1
14.	60 44 874	END PLATE	1
15.	63 959	GUIDE ROLLER	1
16.	31 324	ZERK 1/4UNF	1
17.	30 163	STEEL BOLT M10X80	

PARTS-33

18.	62 33 464	PIN	1
19.	62 33 454	THREADED SHEET	1
20.	30 888	LOCK NUT M10	2
21.	31 147	WASHER 16X8.4X1.6	
22.	30 131	SET SCREW M8X16	
23.	31 210	RETAINING PIN Ø6X36	
24.	62 33 524	LEVER	
25.	31 328	ZERK M6X1-0	
26.	62 33 514	LOCK PIN	
27.	33 305	SPRING	
28.	62 33 504	HOUSING	
29.	62 78 720	STABILIZER LOCK	1
30.	30 162	STEEL BOLT M10X70	
31.	30 164	STEEL BOLT M10X90	



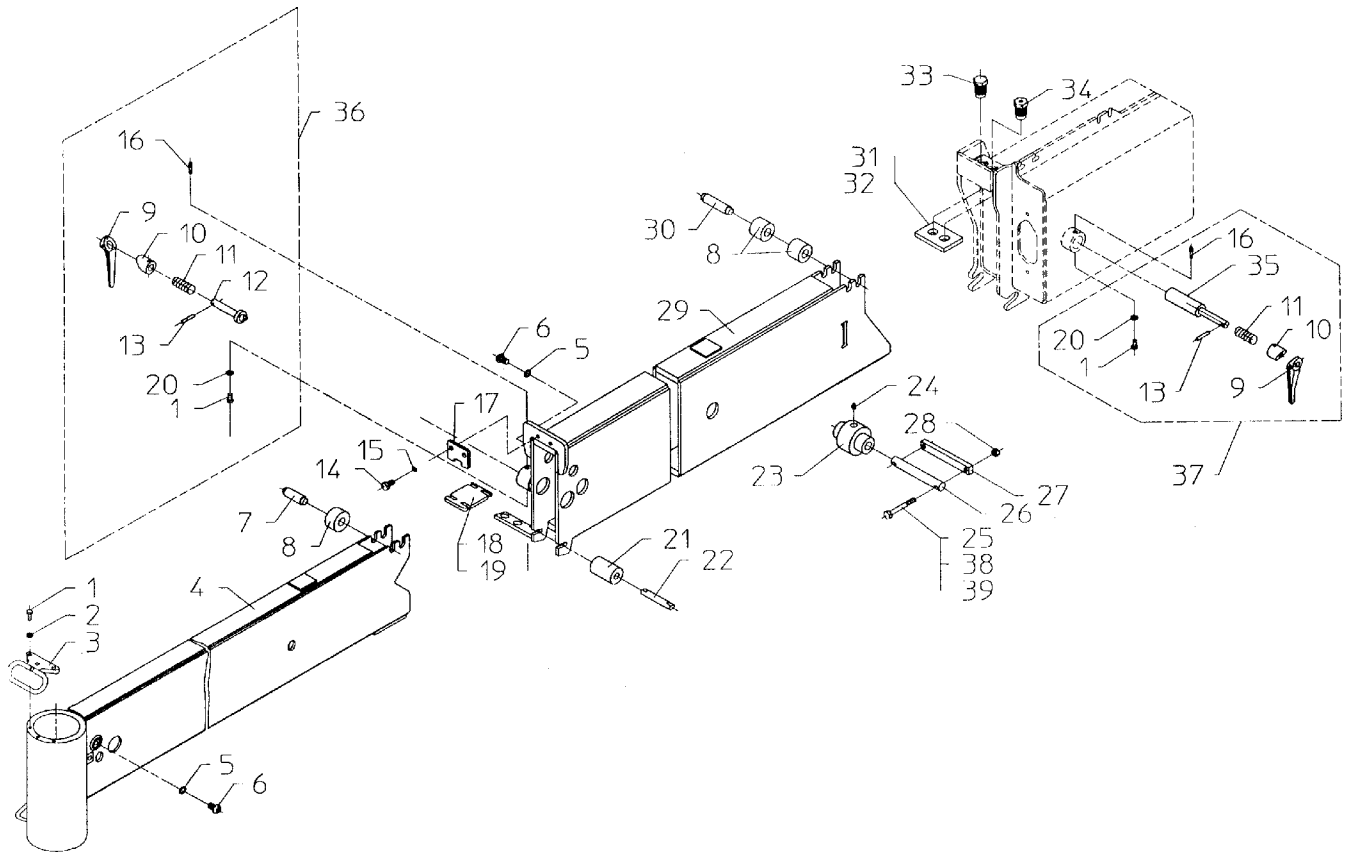
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STABILIZER BEAM-TYPE DV

	62 35 080	COMPONENTS KIT-DV	
1.	30 131	SET SCR M8X16	
2.	31 155	SPRING WASHER 8MM	3
3.	62 33 533	LOCK PLATE	1
4.	62 35 132	EXT BEAM	1
5.	33 219	BACK RING 12X18X1	1
6.	30 927	SCREW M12X12	1
7.	62 35 264	PIN-GUIDE ROLLER	1
8.	64 053	GUIDE ROLLER	3
9.	62 33 524	LEVER	
10.	62 33 504	HOUSING	
11.	33 305	SPRING 61 75 384	
12.	62 35 414	LOCK PIN	
13.	31 210	RETAINING PIN Ø6X36	
14.	30 153	SET SCREW M10X16	2
15.	31 156	SPRING WASHER 10MM	2
16.	31 328	ZERK M6X1-0	
17.	62 35 204	STOP	1
18.	62 35 214	SPACER 6MM	

PARTS-34

19.	62 35 224	SPACER 8MM	
20.	31 147	WASHER 16X8.4X1.6	
21.	63 908	GUIDE ROLLER	1
22.	62 35 274	PIN-GUIDE ROLLER	1
23.	63 959	GUIDE ROLLER	1
24.	31 324	ZERK 1/4UNF	1
25.	30 163	STEEL BOLT M10X80	
26.	62 33 464	PIN	1
27.	62 33 454	THREADED SHEET	1
28.	30 888	LOCK NUT M10	2
29.	62 35 092	EXT BEAM 268MM	1
30.	62 33 494	PIN-GUIDE ROLLER	1
31.	62 33 474	SPACER 8MM	
32.	62 33 484	SPACER 10MM	
33.	60 20 554	SCREW	1
34.	62 38 394	SCREW	1
35.	62 33 514	LOCK PIN	
36.	62 78 730	STABILIZER LOCK-D BEAM	1
37.	62 78 720	STABILIZER LOCK	1
38.	30 162	STEEL BOLT M10X70	
39.	30 164	STEEL BOLT M10X20	



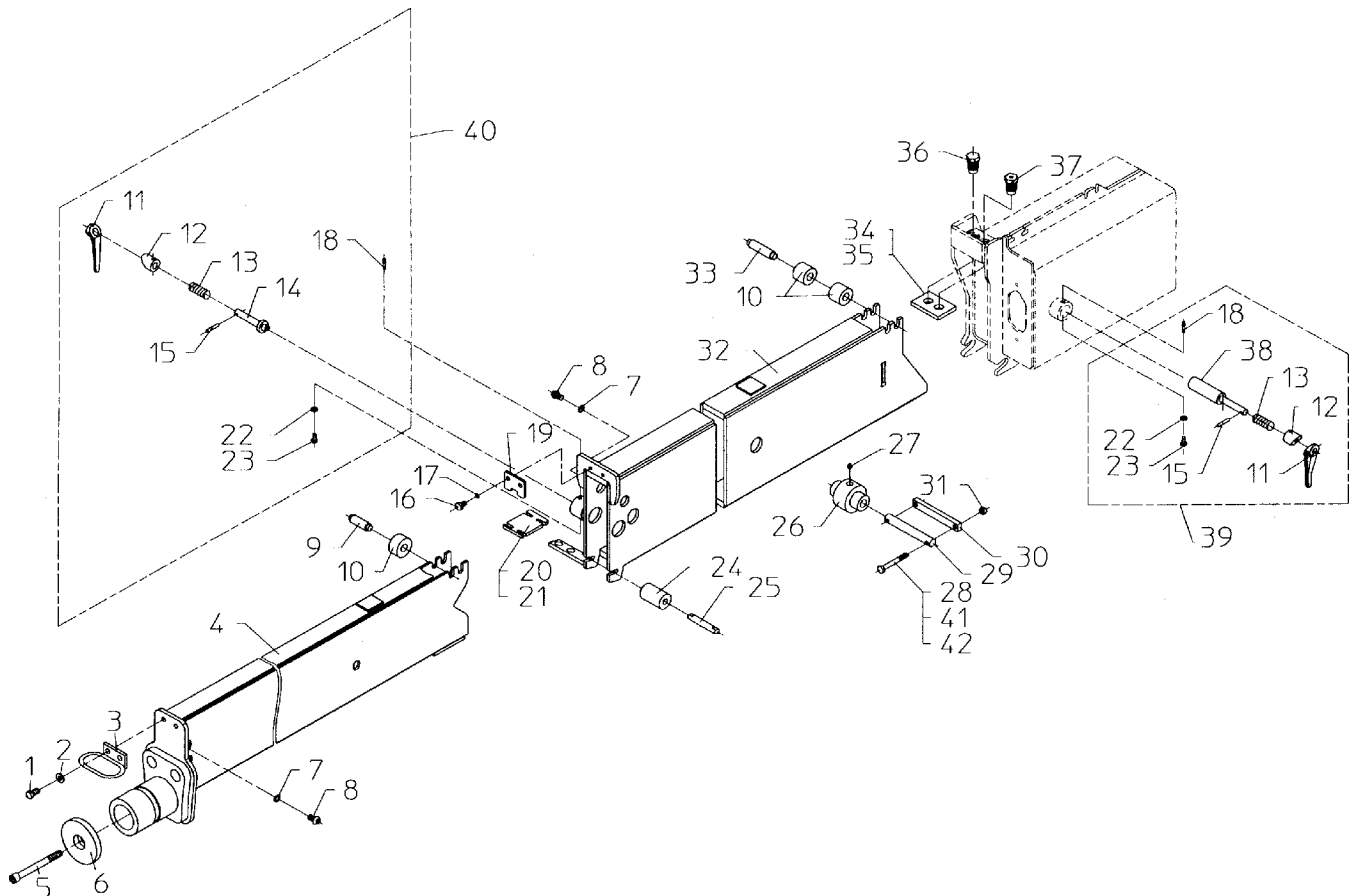
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STABILIZER BEAM-TYPE DR

	62 35 820	COMPONENTS KIT-DR	
1.	30 175	SET SCR M12X20	2
2.	31 158	SPRING WASHER 12MM	2
3.	60 45 764	LEVER	1
4.	62 35 772	EXT BEAM-SWING UP 225MM	1
5.	30 525	SCREW M24X140	1
6.	60 44 874	END PLATE	1
7.	33 219	BACK RING 12X18X1	1
8.	30 927	SCREW M12X12	1
9.	62 35 264	PIN-GUIDE ROLLER	1
10.	64 053	GUIDE ROLLER	3
11.	62 33 524	LEVER	
12.	62 33 504	HOUSING	
13.	33 305	SPRING 61 75 384	
14.	62 35 414	LOCK PIN	
15.	31 210	RETAINING PIN Ø6X36	
16.	30 153	SET SCREW M10X16	2
17.	31 156	SPRING WASHER 10MM	2
18.	31 328	ZERK M6X1-0	

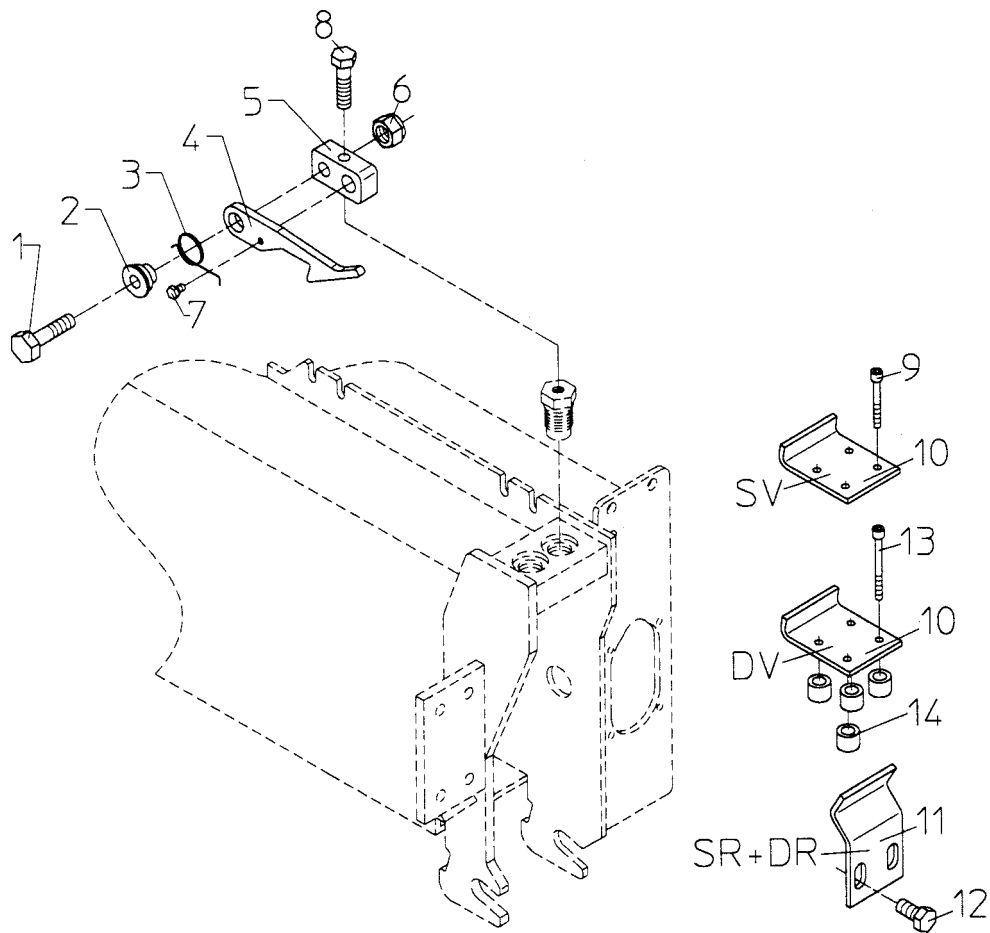
PARTS-35

19.	62 35 204	STOP	1
20.	62 35 214	SPACER 6MM	
21.	62 35 224	SPACER 8MM	
22.	31 147	WASHER 16X8.4X1.6	
23.	30 131	SET SCREW M8X16	
24.	63 908	GUIDE ROLLER	1
25.	62 35 274	PIN-GUIDE ROLLER	1
26.	63 959	GUIDE ROLLER	1
27.	31 324	ZERK 1/4UNF	1
28.	30 163	STEEL BOLT M10X80	
29.	62 33 464	PIN	1
30.	62 33 454	THREADED SHEET	1
31.	30 888	LOCK NUT M10	2
32.	62 35 092	EXT BEAM 268MM	1
33.	62 33 494	PIN-GUIDE ROLLER	1
34.	62 33 484	SPACER 10MM	
35.	62 33 474	SPACER 8MM	
36.	60 20 554	SCREW	1
37.	62 38 394	SCREW	1
38.	62 33 514	LOCK PIN	
39.	62 78 720	STABILIZER LOCK	1
40.	62 78 730	STABILIZER LOCK-D BEAM	1
41.	30 162	STEEL BOLT M10X70	
42.	30 164	STEEL BOLT M10X20	



STABILIZER LOCK, SV, DV, SR, DR

	62 38 400	STABILIZER LOCK SV	
	62 38 410	STABILIZER LOCK DV	
	62 38 420	STABILIZER LOCK SR & DR	
1.	30 181	SET SCREW M12X50	2
2.	62 45 264	BUSHING	2
3.	33 473	SPRING 61 79 044	2
4.	62 45 244	HOOK	
5.	62 38 384	LOCK BRACKET	
6.	30 890	LOCK NUT M12	2
7.	30 110	SET SCREW M6X10	2
8.	30 165	STEEL BOLT M10X45	2
9.	30 119	STEEL BOLT M6X50	8
10.	62 45 654	LOCK PLATE	2
11.	62 46 084	FITTINGS	2
12.	30 176	SET SCREW M12X25	4
13.	30 199	STEEL BOLT M6X65	8
14.	62 54 634	DISTANCE RING	8

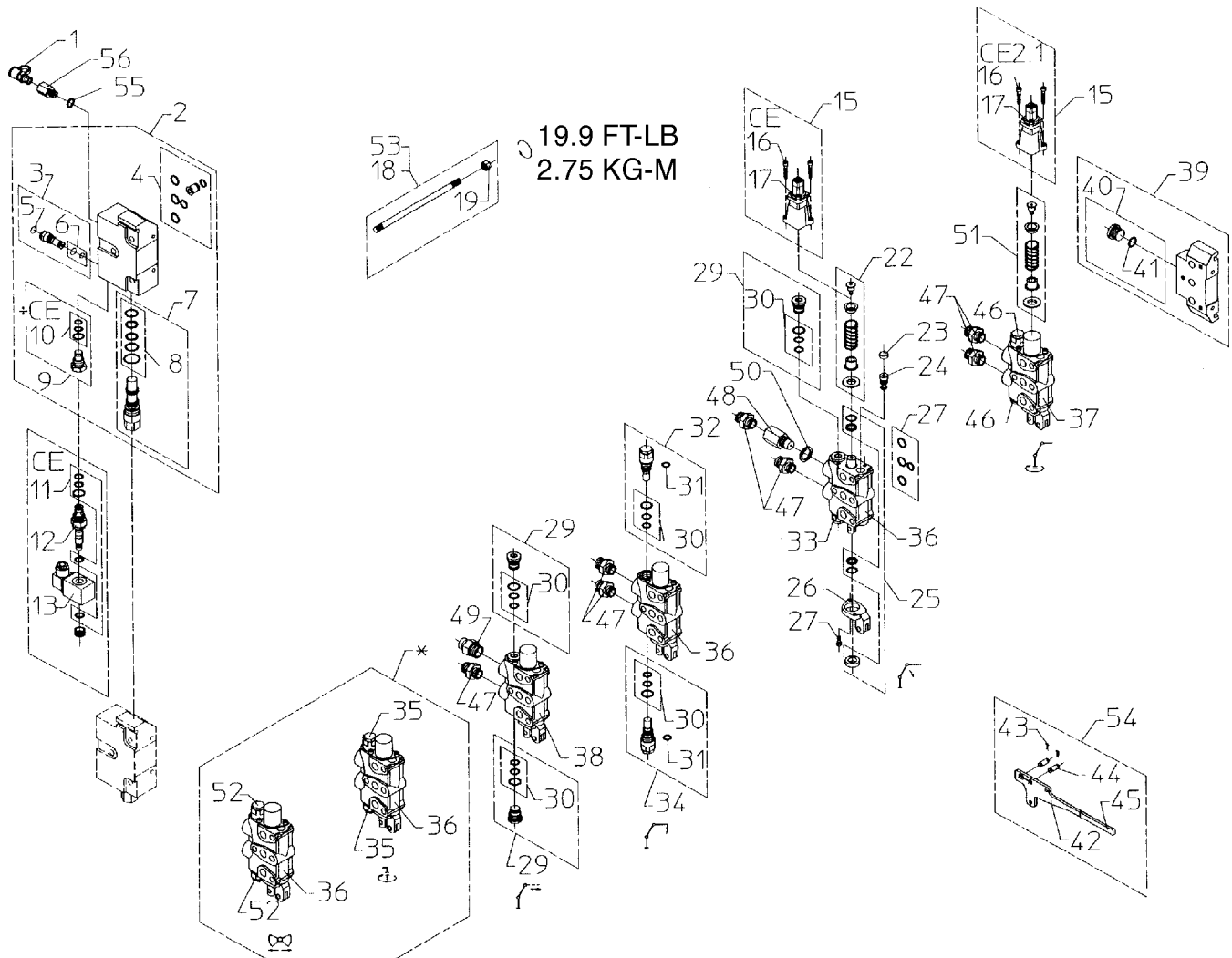


VALVE GROUPS

	66 48 710	VALVE BLOCK Q-6 SECT 4SEN
1.	59 840	QUICK RELEASE COUPLING M
2.	58 828	INLET SECTION
3.	59 242	RELIEF VALVE
4.	61 782	SEAL KIT
5.	61 786	WASHER
6.	59 236	SEAL KIT
7.	61 783	FLOW CTRL VALVE
8.	61 774	SEAL KIT
9.	61 780	PLUG
10.	61 781	SEAL KIT
11.	61 779	SEAL KIT
12.	59 642	MAGNETIC CARTRIDGE
13.	61 777	SOLENOID 12V
15.	59 594	SPOOL SENSOR KIT
16.	30 425	SCREW MC5X30
17.	30 433	SCREW MC5X16
18.	59 585	BOLT KIT
19.	30 888	LOCK NUT M10
22.	61 482	SPRING KIT
23.	61 688	PLUG
24.	61 480	CHECK VALVE
25.	61 365	SEAL KIT
26.	61 362	LEVER BRACKET
27.	30 420	SCREW MC5X14
28.	61 490	SEAL KIT

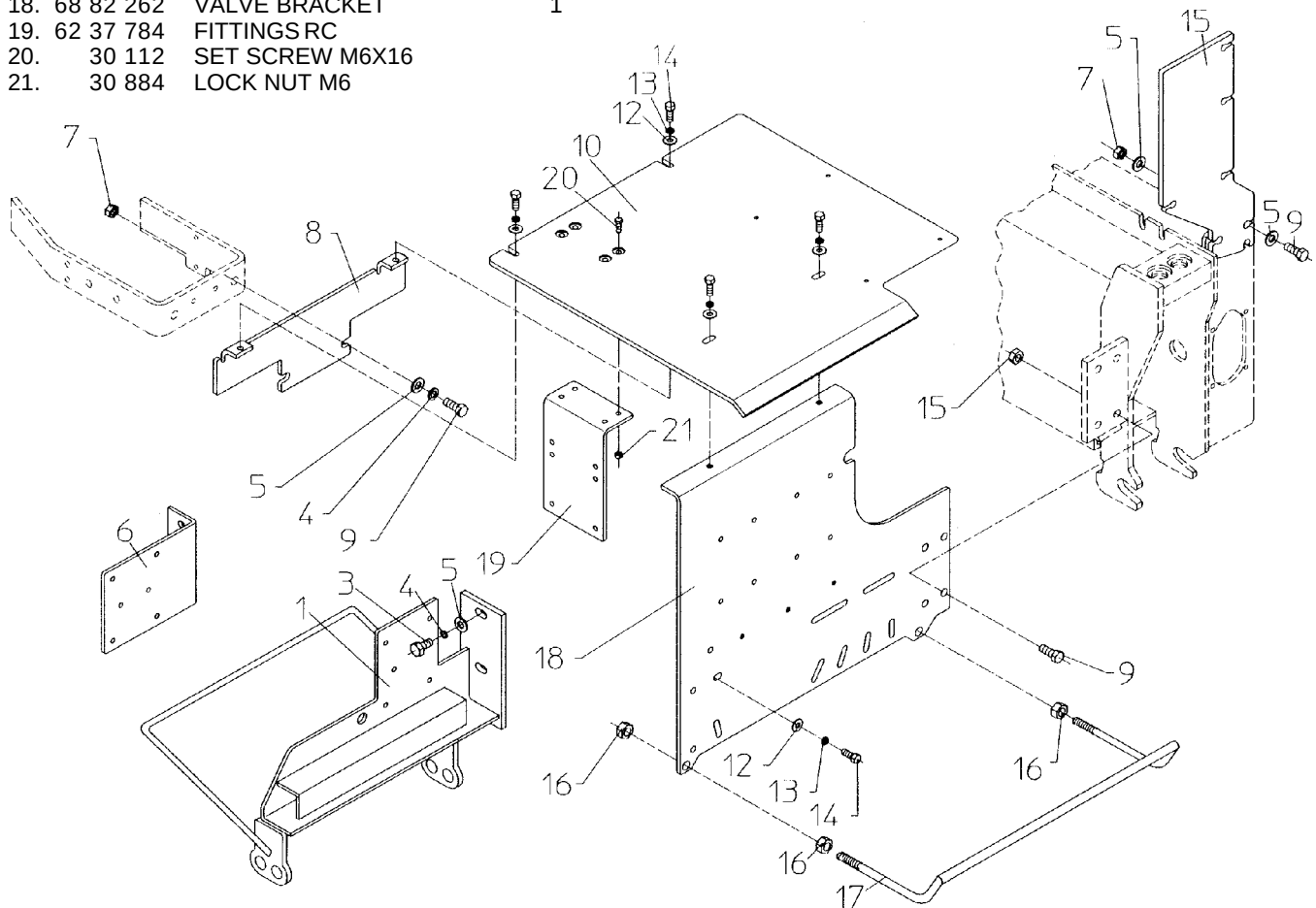
PARTS-37

29.	61 479	PLUG
30.	61 493	SEAL KIT
31.	20 121	O-RING 13.3X2.4
32.	58 831	PORT RELIEF VALVE 300BAR
33.	59 595	RELIEF & ANTI CAV VALVE 70BAR
34.	61 476	RELIEF & ANTI CAV VALVE 150BAR
35.	61 469	PORT RELIEF VALVE 200BAR
36.	59 141	CONTROL VALVE 1K
37.	58 829	SLEWING SECT
38.	59 143	CONTROL VALVE 4K
39.	61 426	OUTLET SECTION
40.	61 366	PLUG 1/2"BSP
41.	20 129	O-RING 17.3X2.4
42.	62 82 053	CONTROL LEVER-LG
43.	61 320	PIN LOCK
44.	61 364	PIN
45.	48 406	KNOB
46.	61 670	RELIEF & ANTI CAV VALVE 175BAR
47.	25 832	CONNECTION JIC F40XS12-1/2
48.	60 295	FLOW CONTROL VALVE 162-50L
49.	25 833	CONNECTION JIC F40XS14/16-1/2
50.	21 106	SEAL WASHER 21.5X28.7X2.5
51.	58 830	SPRING KIT
52.	61 464	PORT RELIEF VALVE 250BAR
53.	59 583	STAY BOLT 4-SECT 248MM
54.	68 82 770	CONTROL LEVER-LG
55.	21 102	SEAL WASHER 14X18.7X1.5
56.	25 859	SOCKET NV18



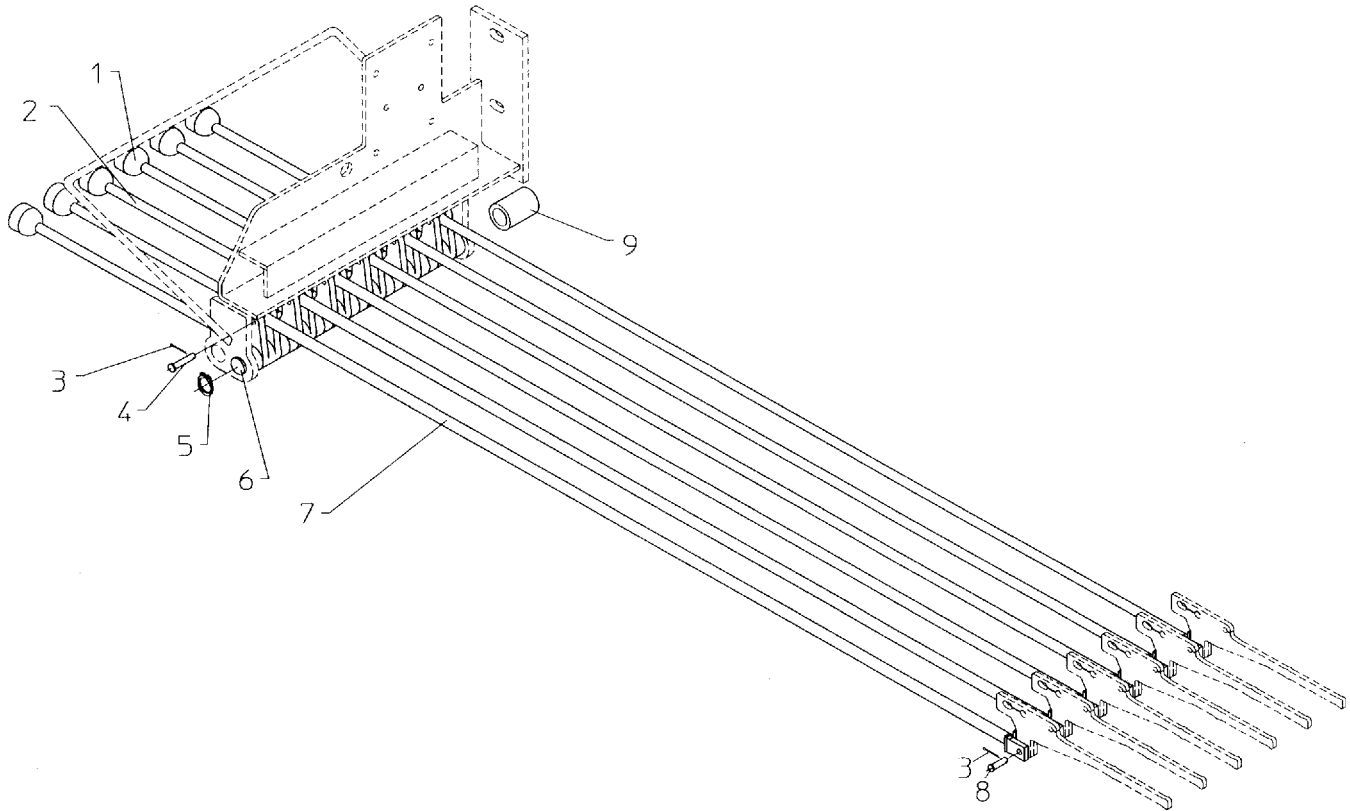
VALVE BRACKETS

	62 85 780	VALVE BRACKET KIT	
1.	62 57 553	TANK BRACKET	
3.	30 154	SET SCREW M10X20	2
4.	31 156	SPRING WASHER 10MM	4
5.	31 177	WASHER 21X10.5X2	10
6.	62 38 694	ECT 5020 FITTINGS RC	1
7.	30 888	LOCK NUT M10	9
8.	68 82 273	BRACKET	1
9.	30 156	SET SCREW M10X30	9
10.	68 82 072	SERVICE PLATFORM STD	
12.	31 754	WASHER 18X8.4X2	6
13.	31 155	SPRING WASHER 8MM	8
14.	30 132	SET SCREW M8X20	8
15.	62 39 903	VALVE BRACKET	1
16.	30 860	NUT M12	4
17.	62 39 973	CLAMP	1
18.	68 82 262	VALVE BRACKET	1
19.	62 37 784	FITTINGS RC	
20.	30 112	SET SCREW M6X16	
21.	30 884	LOCK NUT M6	



DUAL CONTROL

- | | | |
|--------------|-------------------------|---|
| 62 50 380 | DUAL CONTROLS KIT | |
| 1. 64 256 | BALL W/BUSHING #753 | |
| 2. 66 61 653 | CONTROL LEVER-LONG | |
| 3. 31 601 | SPLIT RING Ø1/5X20 | |
| 4. 31 274 | COTTER BOLT Ø6X30 | |
| 5. 33 107 | CIRCLIP 19U | 2 |
| 6. 66 61 664 | PIN FOR 6-LEVER | 1 |
| 7. 62 39 944 | CONNECTING ROD | |
| 8. 31 271 | COTTER BOLT Ø6X20 | |
| 9. 64 040 | NYLON BUSHING 60 98 254 | |



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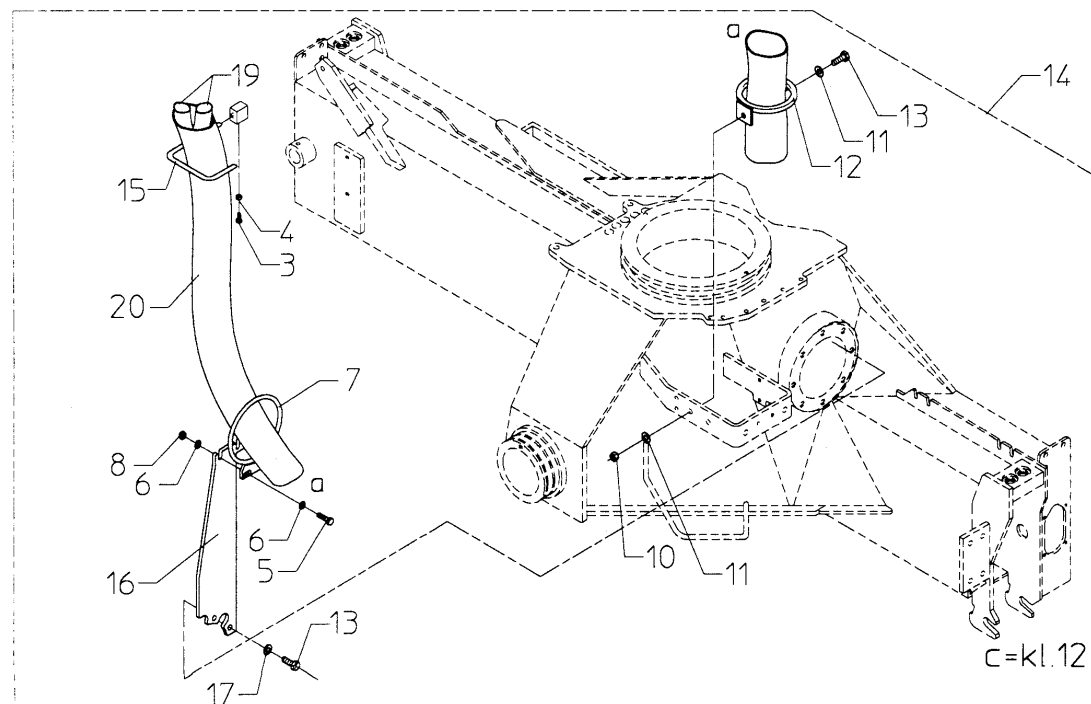
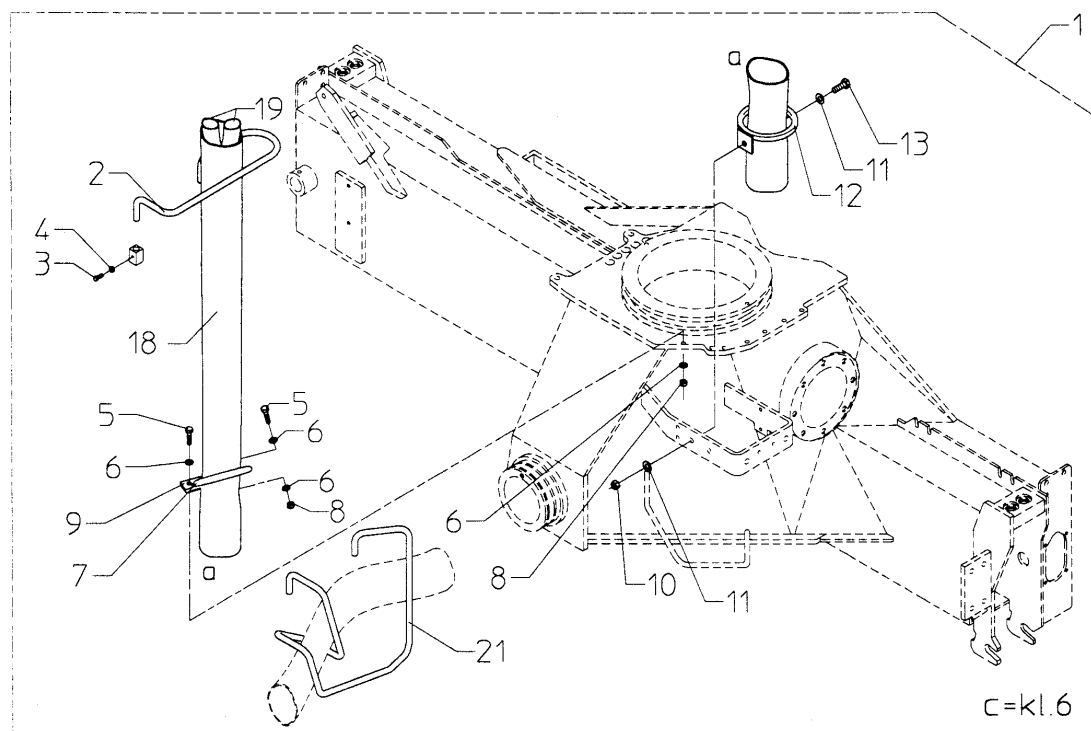
CLAMPS

1. 63 50 270 CLAMP C=K1.6
2. 62 71 194 CLAMP STD
3. 30 112 SET SCREW M6X16
4. 30 854 NUT M6
5. 30 135 SET SCREW M8X30
6. 31 147 WASHER 16X8.4X1.6
7. 61 73 363 HOSE GUIDE
8. 30 886 LOCK NUT M8
9. 62 39 344 BRACKET
10. 30 888 LOCK NUT M10

PARTS-40

11. 31 172 WASHER 10MM
12. 61 36 574 CLAMP
13. 30 156 SET SCREW M10X30
14. 63 50 280 CLAMPS C=K1.12
15. 62 39 414 CLAMP
16. 62 39 383 HOSE BRACKET
17. 31 177 WASHER 21X10.5X2
18. 62 602 PROTECTIVE COVER 150X2200
19. 62 636 PROTECTIVE COVER 150X600
20. 62 632 PROTECTIVE COVER 150X2700
21. 62 39 353 CLAMP HS

1



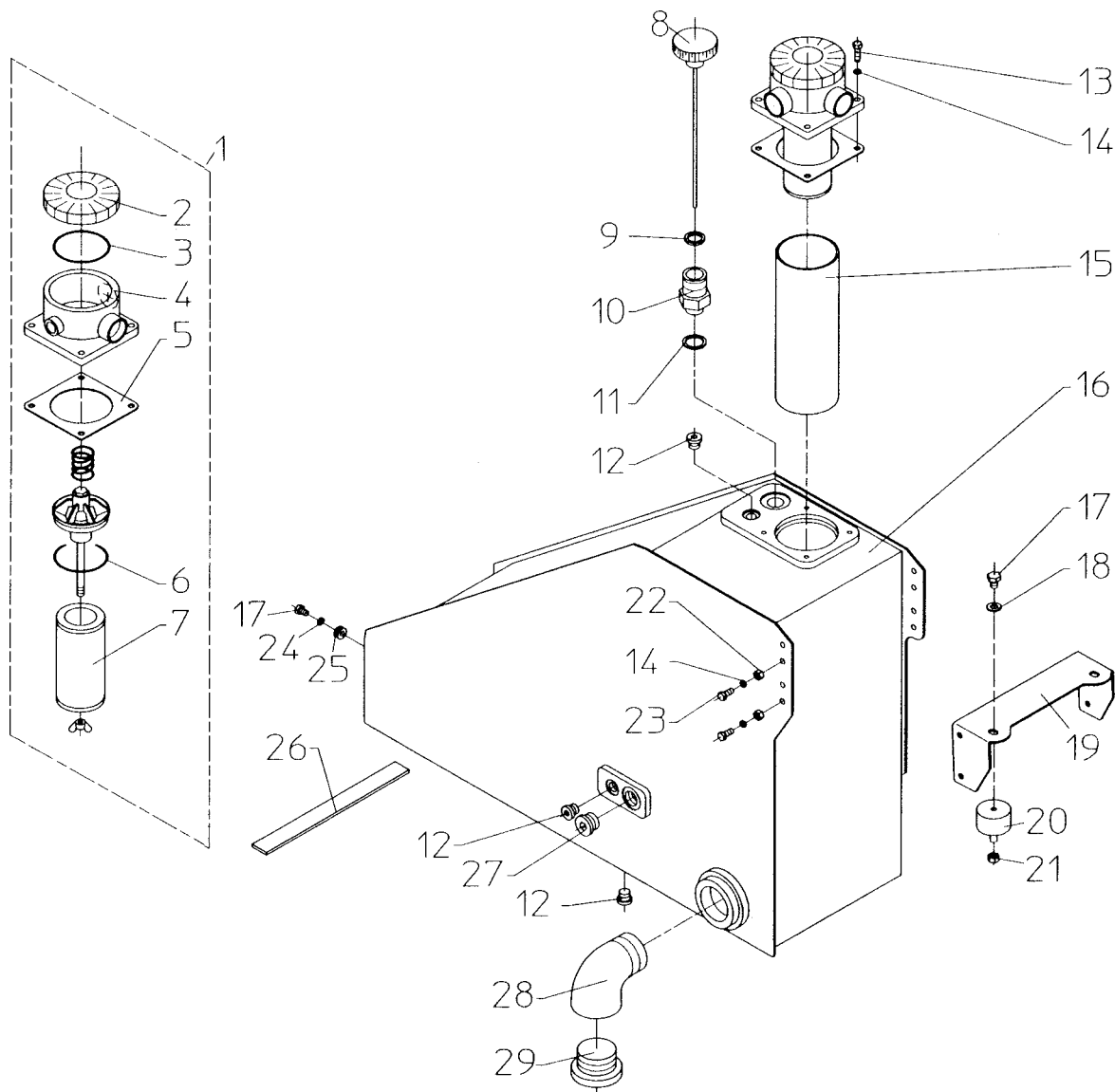
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HYD SYS-TANK

	62 33 840	TANL-COMPLETE	
1.	60 251	RETURN FILTER 1"	1
2.	60 264	COVER	
3.	60 293	O-RING 82.14X3.53	
4.	60 267	FILTER CARTRIDGE	
5.	60 261	SEAL	
6.	20 188	O-RING 74.5X3	
7.	60 258	FILTER CARTRIDGE	
8.	59 301	FILLER PLUG	1
9.	21 108	SEAL WASHER Ø27X34.9X2.3	1
10.	62 02 624	OIL FILLER NECK	1
11.	20 817	RUBBER SEAL Ø22X30X4	1
12.	25 277	PLUG	3
13.	30 134	SET SCR M8X25	4

PARTS-41

14.	31 155	SPRING WASHER 8MM	8
15.	60 253	PIPE	1
16.	59 696	OIL TANK	1
17.	30 132	SET SCREW M8X20	3
18.	31 147	WASHER 16X8.4X1.6	2
19.	62 33 933	BRACKET	1
20.	61 911	TORSION BALANCER	2
21.	30 886	LOCK NUT M8	2
22.	30 856	NUT M8	4
23.	30 131	SET SCR M8X16	4
24.	31 150	WASHER 8MM	1
25.	27 996	LEAD-IN	1
26.	42 276	RUBBER STRIP 300X30X5	1
27.	26 355	PLUG VS-R-3/4WD	1
28.	24 430	ELBOW 2"	1
29.	25 398	PLUG 2"	1



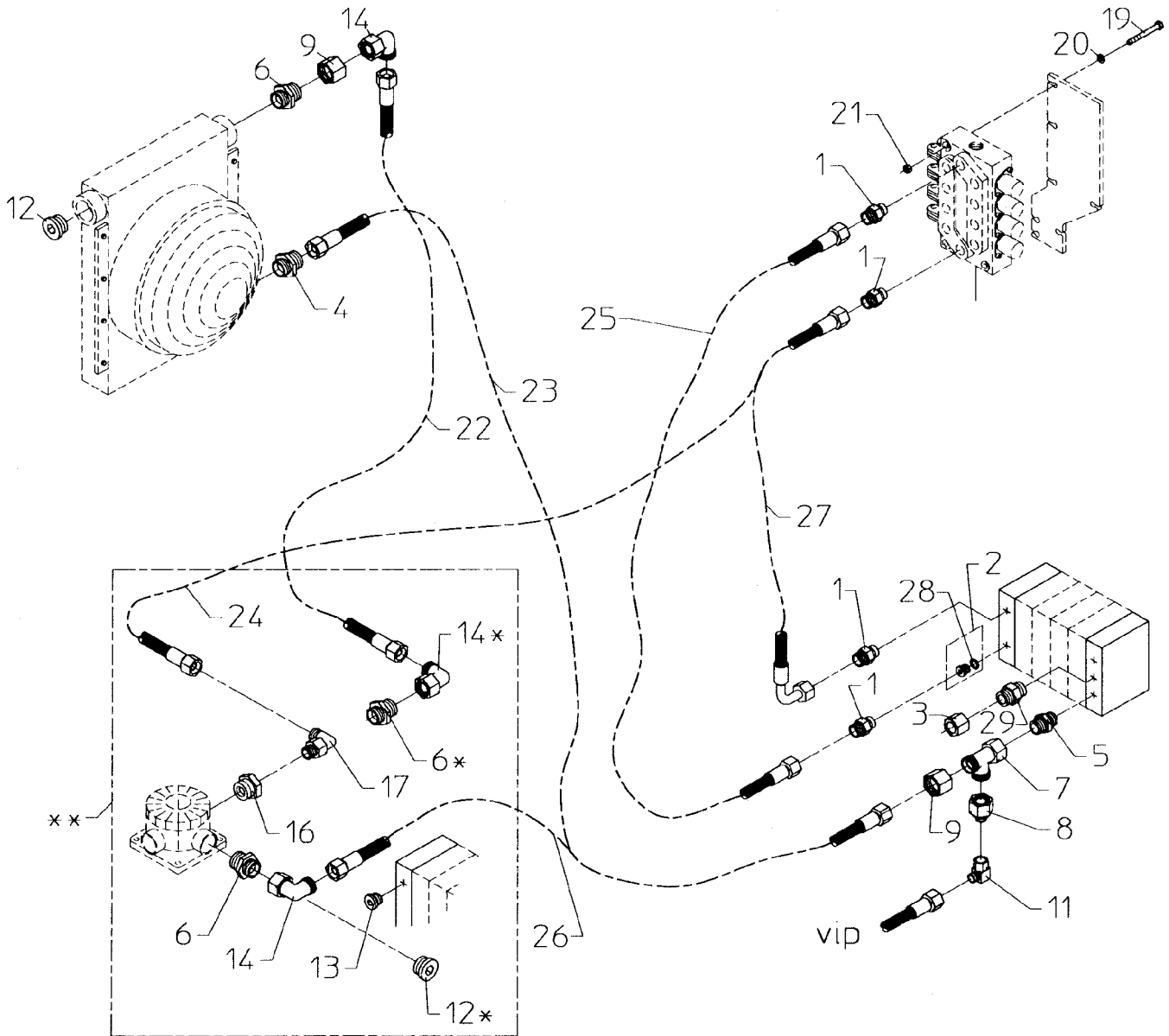
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HYD SYS-PUMP/RETURN PIPING 0-2F

	62 85 900	PUMP/RETURN PIPING	
	62 85 910	PUMP/RETURN PIPING	
1.	25 833	CONN JIC F40XS14/16-1/2	
2.	61 367	PLUG 3/8BSP	1
3.	25 842	PLUG FNTXS18/20	1
4.	25 863	CONNECTION 1"	1
5.	25 836	SCR IN CONN JIC F40XS25-3/4	1
6.	25 228	REDUCING CONN R1/R3/3	
7.	25 855	CONNECTION 25MM	1
8.	25 868	REDUCER 25-12MM	1
9.	25 848	SCREW CAP JIC FNTXS25	1
11.	25 877	ELBOW 12MM	1
12.	26 321	PLUG VS-R1-WD	
13.	25 103	PLUG VS-R-1/2WD	

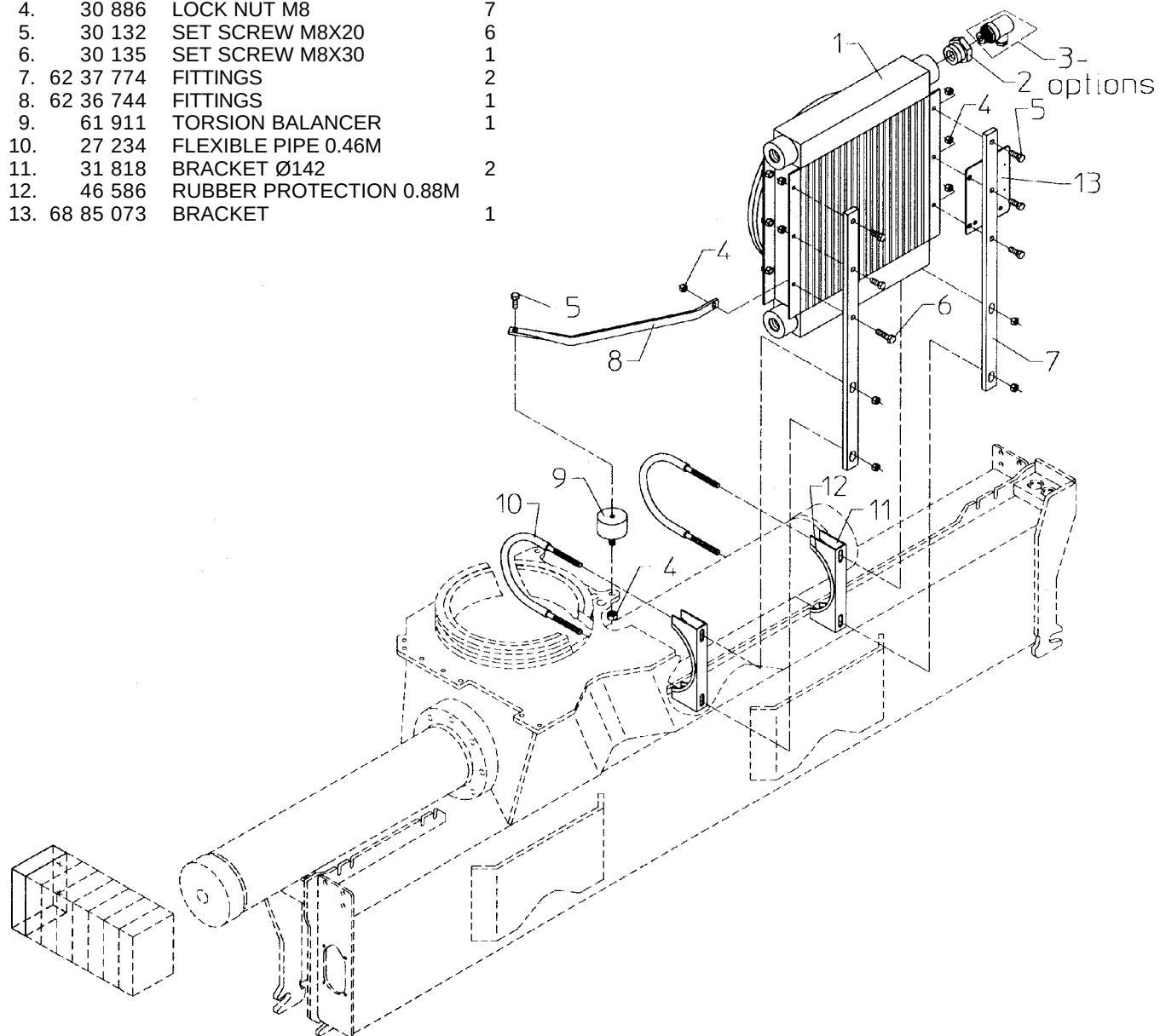
PARTS-42

14.	25 840	CONNECTION JIC C40XS25-3/4	
16.	25 227	REDUCING CONN R1-WD/R1/2	
17.	25 839	CONN JIC C40XS14/16-1/2	
19.	30 142	STEEL BOLT M8X70	3
20.	31 147	WASHER 16X8.4X1.6	3
21.	30 886	LOCK NUT M8	3
22.	62 889	HOSE JIC 3/4X550 O/O	
23.	62 882	HOSE JIC 3/4X1500 O/O	
24.	62 891	HOSE JIC 1/2X1300 O/O	
25.	62 892	HOSE JIC 1/2X1000 O/O	1
26.	62 869	HOSE JIC 3/4X1200 O/O	
27.	62 893	HOSE JIC 1/2X650 V/O	
28.	20 120	O-RING 16.35X2.21	
29.	25 861	CONNECTION 18/20	1



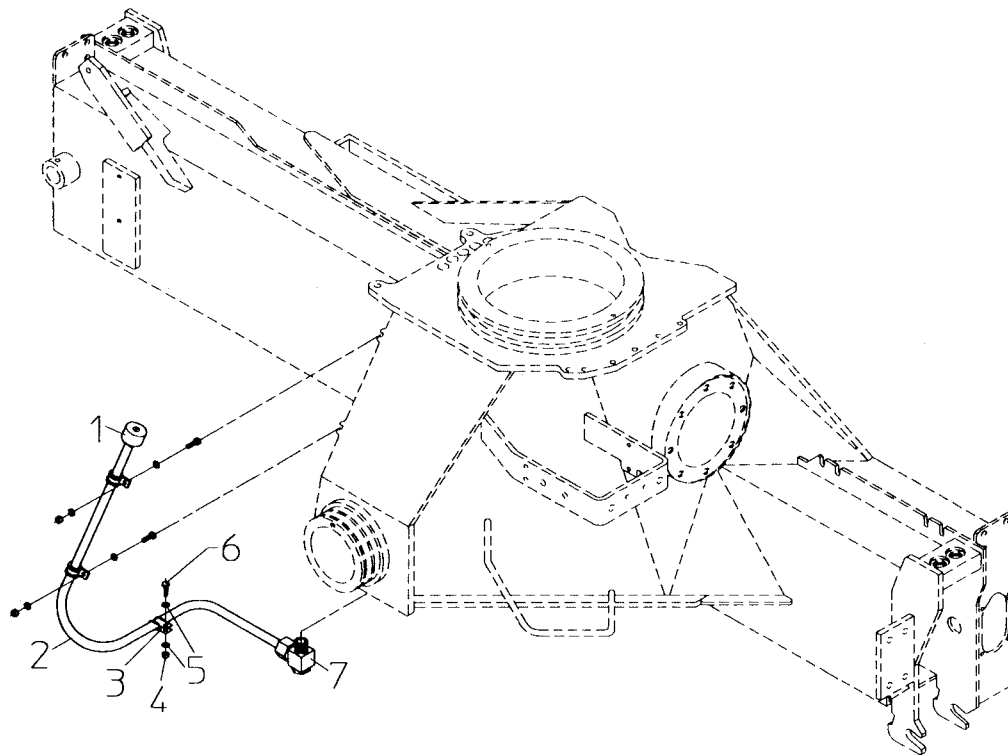
OIL COOLER

00 14 220	COOLER KIT-COMPLETE	
1. 59 380	OIL COOLER	1
2. 25 227	REDUCER CONN 1-WD/R1/2	1
3. 00 14 200	OIL COOLER OPTIONS	1
4. 30 886	LOCK NUT M8	7
5. 30 132	SET SCREW M8X20	6
6. 30 135	SET SCREW M8X30	1
7. 62 37 774	FITTINGS	2
8. 62 36 744	FITTINGS	1
9. 61 911	TORSION BALANCER	1
10. 27 234	FLEXIBLE PIPE 0.46M	
11. 31 818	BRACKET Ø142	2
12. 46 586	RUBBER PROTECTION 0.88M	
13. 68 85 073	BRACKET	1



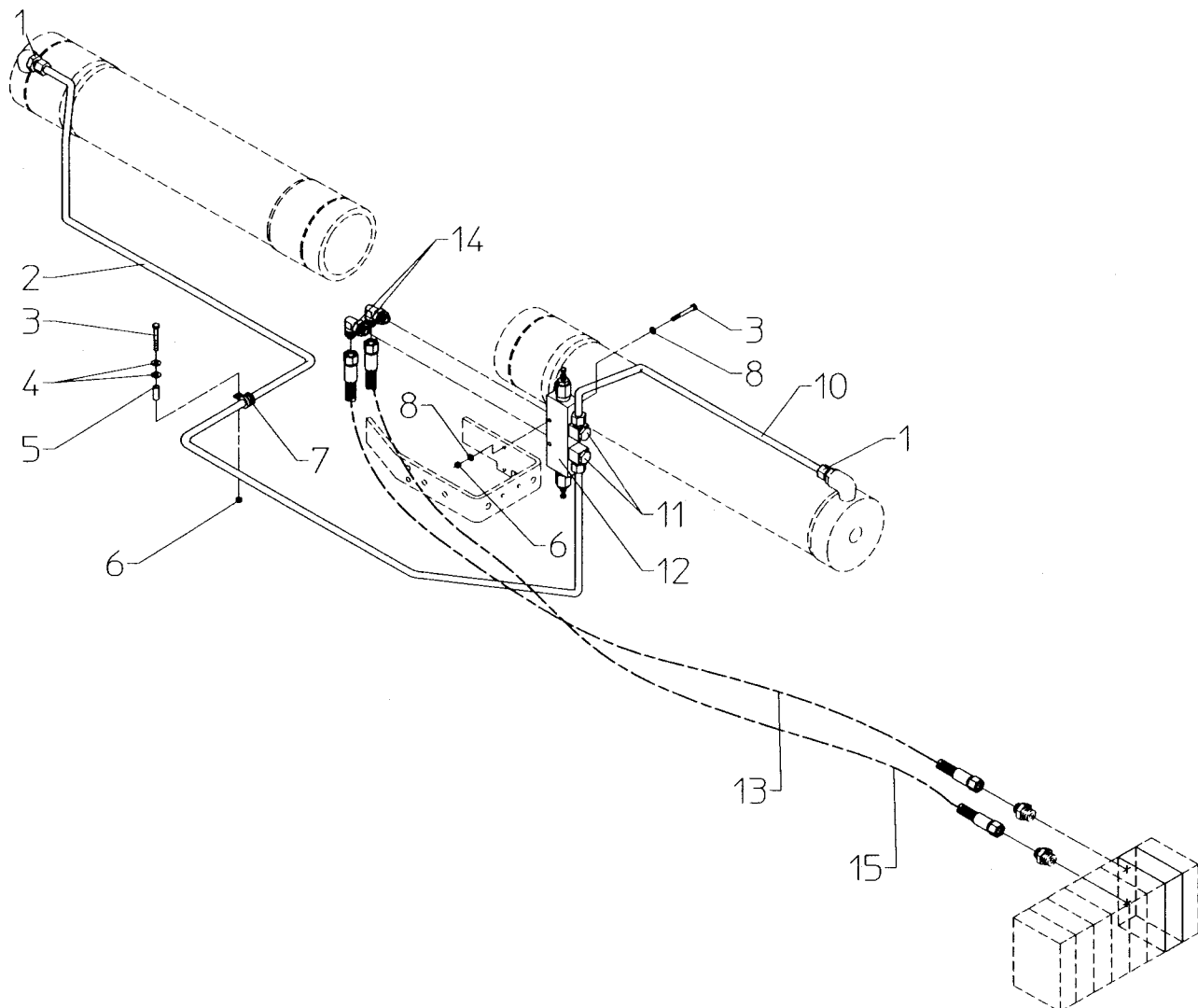
OIL LEVEL HOSE

	65 59 910	OIL LEVEL HOSE	
1.	60 208	AIR FILTER 1/4BSP	1
2.	62 34 340	HOSE	1
3.	31 449	CLAMP 19MM	3
4.	30 884	LOCK NUT M6	3
5.	32 302	WASHER 6MM	6
6.	30 115	STEEL BOLT M6X30	3
7.	26 344	BANJO CONN P-RSWV16SR	1



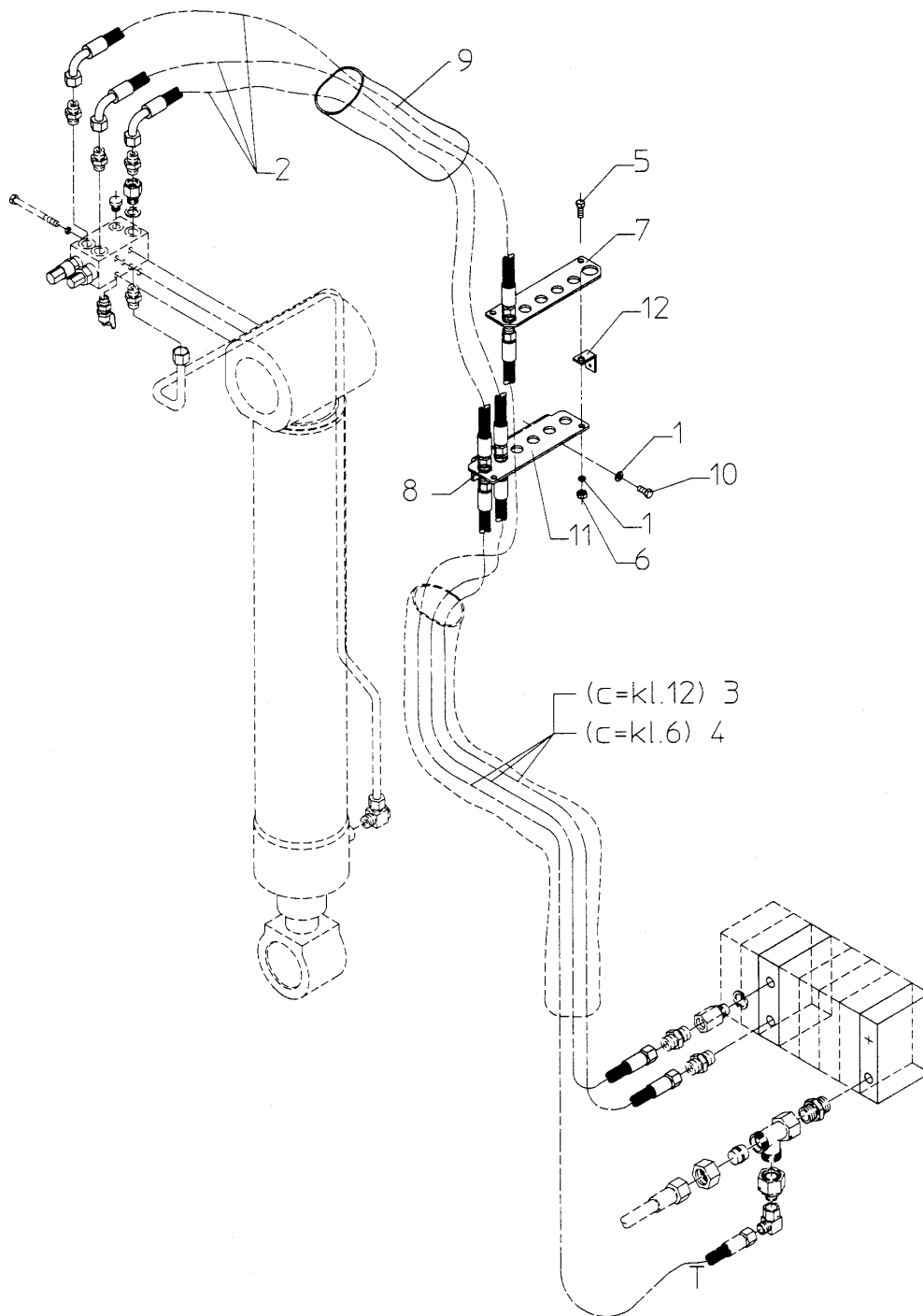
HYD SYS-ROTN CYL W/LHV

	62 85 790	HYD PARTS-SLEWING SYS	
	62 85 800	HOSE KIT-SLEWING STD&RC	
1.	25 108	CONN P-GEV12LR 1/2WD	2
2.	62 72 374	PIPE	1
3.	30 119	STEEL BOLT M6X50	3
4.	31 134	WASHER 6MM	2
5.	61 14 244	PIPE	1
6.	30 884	LOCK NUT M6	3
7.	27 974	CLIP SG306	1
8.	32 302	WASHER 6MM	4
10.	62 72 364	PIPE	1
11.	25 130	BANJO CONN P-RSWV12LR	2
12.	59 977	LOAD HOLDING VALVE	1
13.	62 884	HOSE JIC 3/8X500 O/O	1
14.	25 838	CONN JIC C40XS12-3/8	2
15.	62 957	HOSE JIC 3/8X600 O/O	1



HYD SYS-INNER BOOM CYL

62 85 890	HYD PARTS-INNER CYL	
1. 31 155	SPRING WASHER 8MM	4
2. 62 858	HOSE JIC 3/8X1400 V/O	3
3. 62 902	HOSE JIC 3/8X2750 O/O	
4. 62 861	HOSE JIC 3/8X2550 O/O	
5. 30 132	SET SCR M8X20	2
6. 30 856	NUT M8	2
7. 62 37 574	HOSE BRACKET	1
8. 25 824	BULKHD CONN JIC	3
9. 62 634	PROTECT COVER 150X1200	2
10. 30 131	SET SCREW M8X16	2
11. 62 57 674	HOSE BRACKET	1
12. 62 32 984	ELBOW	2

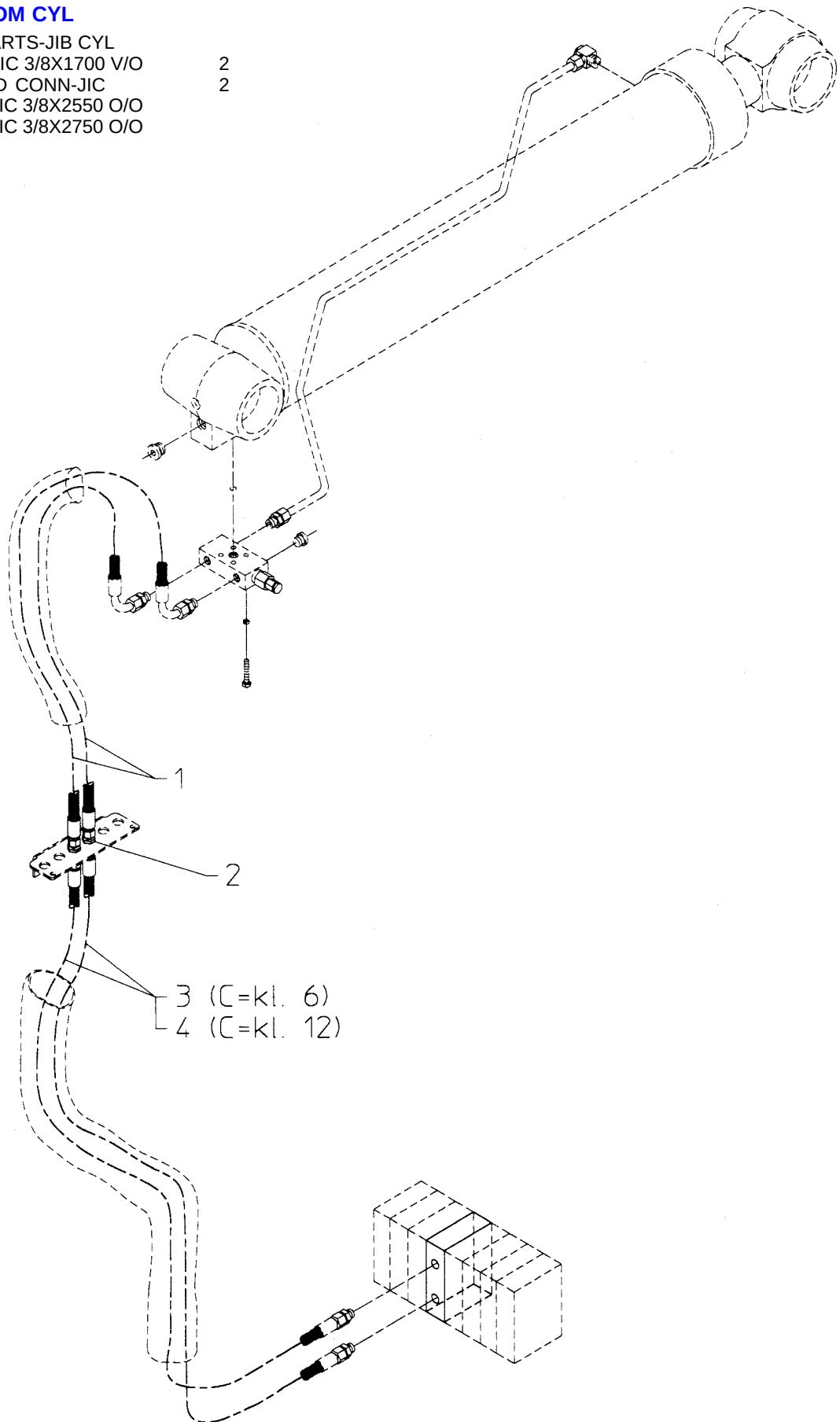


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PARTS-47

HYD SYS-OUTER BOOM CYL

- | | | | |
|----|-----------|-----------------------|---|
| | 62 85 880 | HYD PARTS-JIB CYL | |
| 1. | 62 859 | HOSE-JIC 3/8X1700 V/O | 2 |
| 2. | 25 824 | BULKHD CONN-JIC | 2 |
| 3. | 62 861 | HOSE JIC 3/8X2550 O/O | |
| 4. | 62 902 | HOSE JIC 3/8X2750 O/O | |



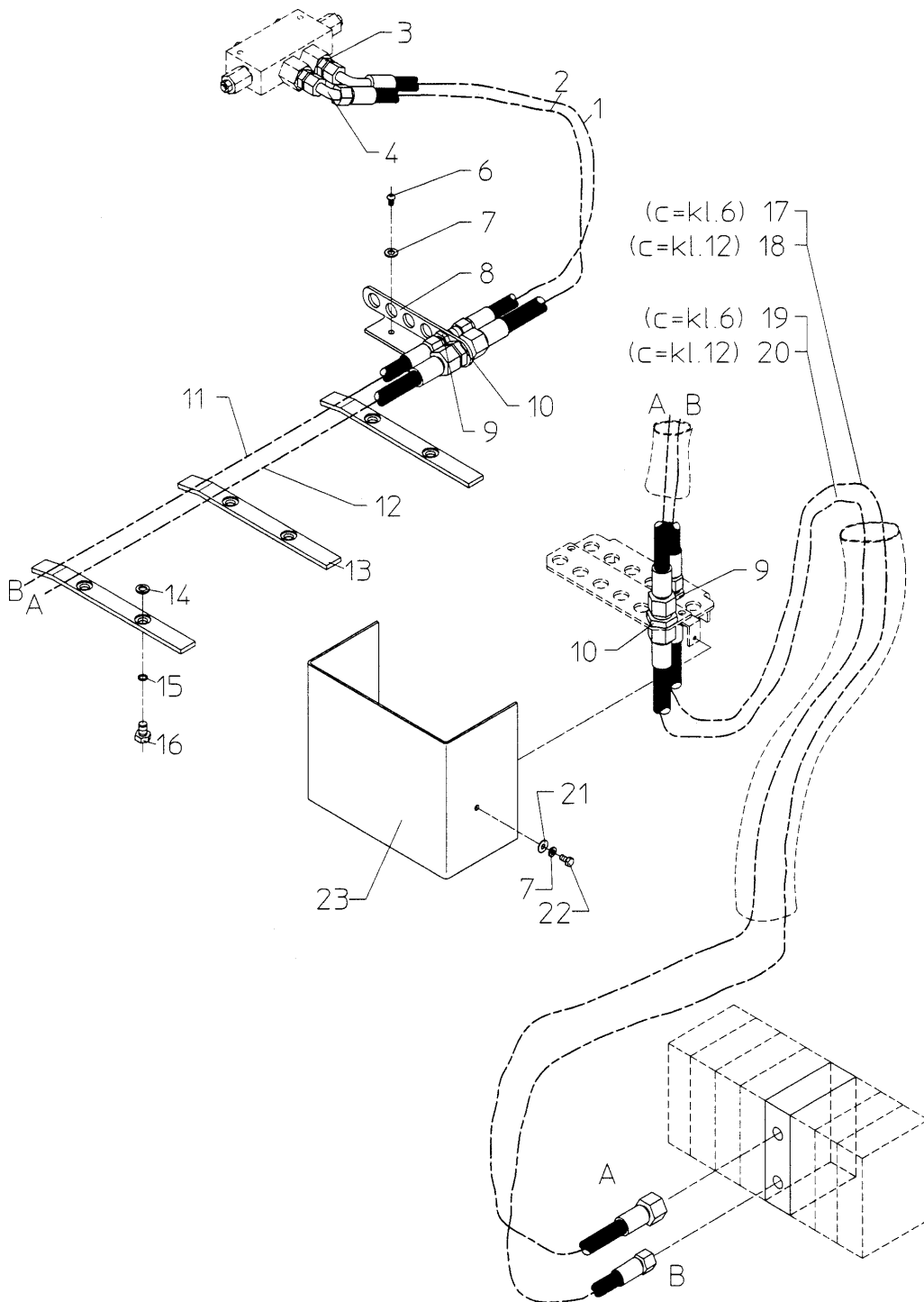
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HYD SYS-EXT SYS

	62 85 870	HYD PARTS-EXT SYS	
1.	62 879	HOSE-JIC 3/8X850 V/O	1
2.	62 866	HOSE-JIC 1/2X850 O/O	1
3.	25 832	CONN JIC F40XS12-1/2	1
4.	25 839	CONN JIC C40XS14/16-1/2	1
6.	30 653	SCREW ULS6X10	2
7.	31 154	SPRING WASHER 6MM	4
8.	62 37 583	HOSE BRACKET	1
9.	25 824	BULKHD CONNECTION-JIC	2
10.	25 825	BULKHD CONNECTION-JIC	2
11.	62 864	HOSE JIC 3/8X3900 O/O	1
12.	62 868	HOSE-JIC 1/2X3900 O/O	1

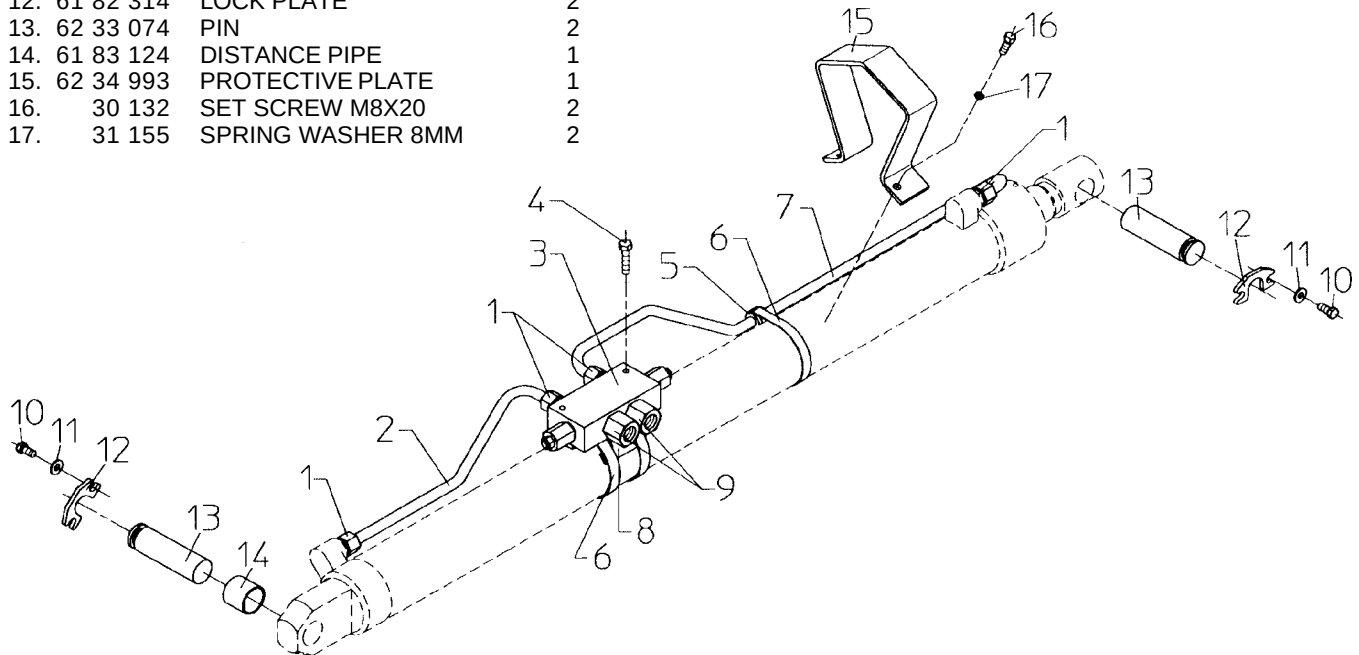
PARTS-48

13.	62 32 204	FITTINGS	3
14.	31 172	WASHER 10MM	6
15.	31 156	SPRING WASHER 10MM	6
16.	30 153	SET SCR M10X16	6
17.	62 861	HOSE JIC 3/8X2550 O/O	
18.	62 902	HOSE JIC 3/8X2750 O/O	
19.	62 867	HOSE JIC 1/2X2600 O/O	
20.	62 951	HOSE JIC 1/2X2750 O/O	
21.	31 134	WASHER 6MM	2
22.	30 111	SET SCR M6X12	2
23.	62 39 003	PROTECTIVE PLATE	1



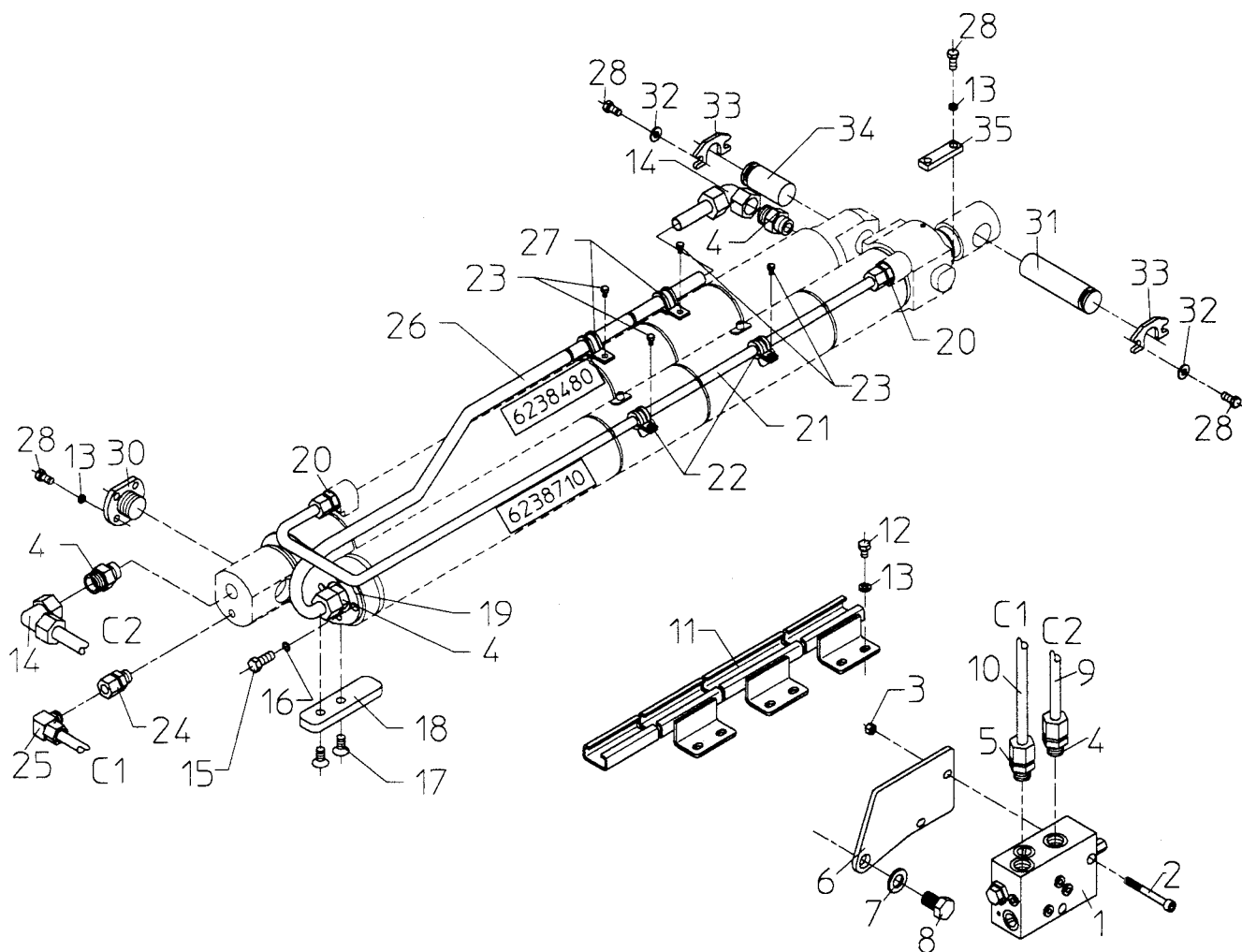
HYD SYS-EXT SYS-K1

	63 50 060	FITTINGS-EXT K1	
1.	25 127	CONNECTION P-GEV12LR-WD	4
2.	62 33 174	PIPE	1
3.	60 315	LOAD HOLDING VALVE	1
4.	30 116	STEEL BOLT M6X35	2
5.	27 974	CLIP SG306	1
6.	31 406	CLIP HS48	3
7.	62 33 164	PIPE	1
8.	62 35 074	FITTINGS	1
9.	25 239	CONN R3/8/R1/2	2
10.	30 131	SET SCREW M8X16	4
11.	31 136	WASHER 8MM	4
12.	61 82 314	LOCK PLATE	2
13.	62 33 074	PIN	2
14.	61 83 124	DISTANCE PIPE	1
15.	62 34 993	PROTECTIVE PLATE	1
16.	30 132	SET SCREW M8X20	2
17.	31 155	SPRING WASHER 8MM	2



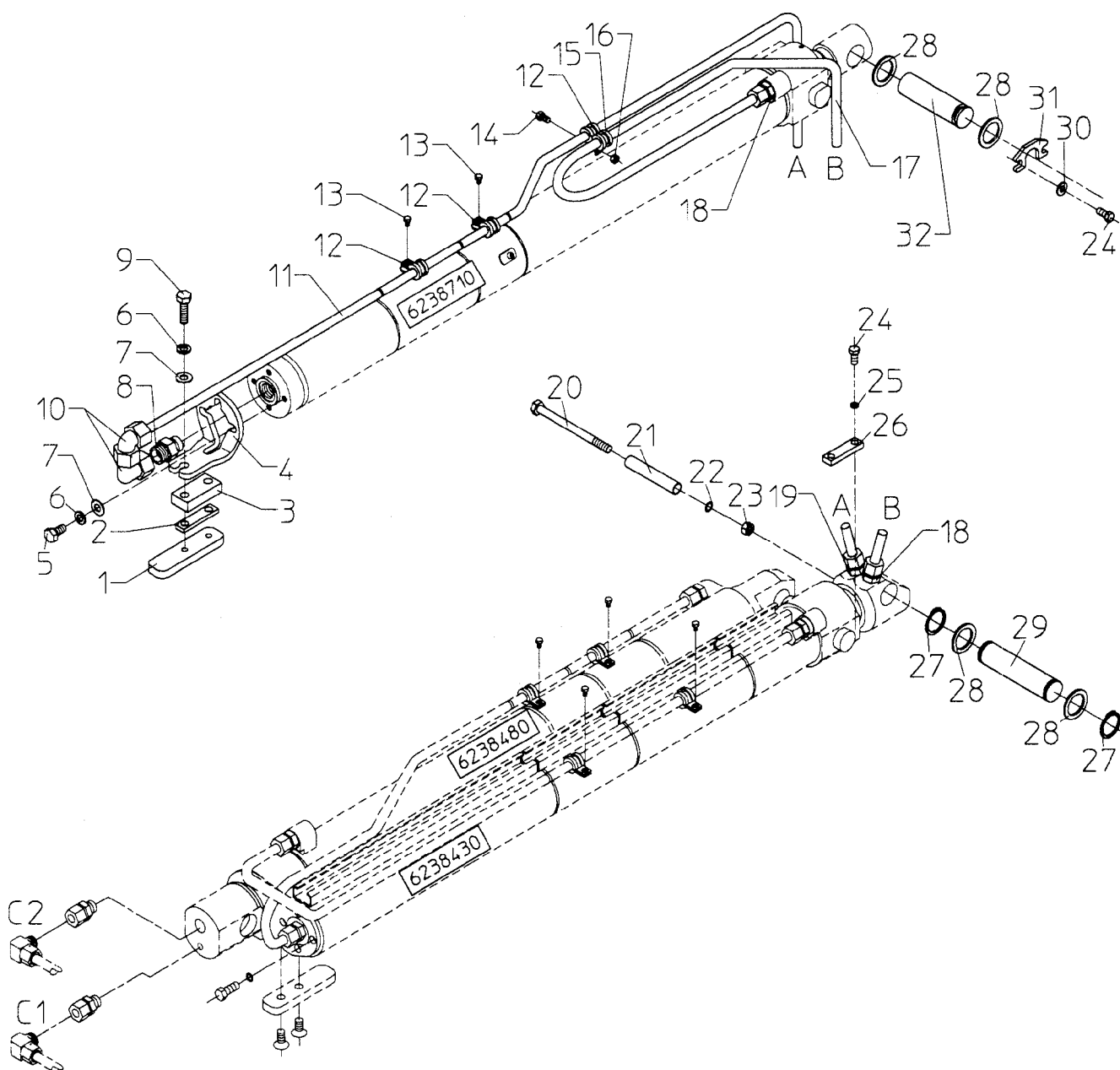
HYD SYS-EXT CYL-K2

63 50 320	FITTINGS-EXT K2				
1. 59 005	LOAD HOLDING VALVE	1	18. 62 53 064	SLIDE BLOCK	1
2. 31 968	SCREW MC8X60	2	19. 62 53 034	GUIDE	1
3. 30 886	LOCK NUT M8	2	20. 25 127	CONN P-GEV12LR-WD	2
4. 26 334	CONN P-GEV16SR-WD	4	21. 62 57 034	PIPE	1
5. 25 108	CONN P-GEV12LR 1/2WD	1	22. 27 974	CLIP SG306	2
6. 62 53 173	BRACKET	1	23. 30 109	SET SCREW M6X8	4
7. 31 135	WASHER Ø30X17X3	1	24. 25 240	CONN EGESD12LR-WD	1
8. 30 266	SET SCREW M16X25	1	25. 25 129	CONN P-WV12L	1
9. 62 57 004	PIPE K1 OUT	1	26. 62 57 024	PIPE	1
10. 62 57 014	PIPE K1 IN	1	27. 31 446	SUSPENSION 15-16MM	2
11. 62 53 002	RAIL	1	28. 30 131	SET SCREW M8X16	16
12. 30 130	SET SCREW M8X12	6	30. 61 82 324	LOCK PLATE	2
13. 31 155	SPRING WASHER 8MM	18	31. 62 33 074	PIN	1
14. 26 340	CONN EWSD16S	2	32. 31 136	WASHER 8MM	4
15. 30 155	SET SCREW M10X25	2	33. 61 82 314	LOCK PLATE	2
16. 31 156	SPRING WASHER 10MM	2	34. 62 33 184	PIN	1
17. 30 545	SCREW MK10X20	2	35. 62 32 964	STOWING PIN	2



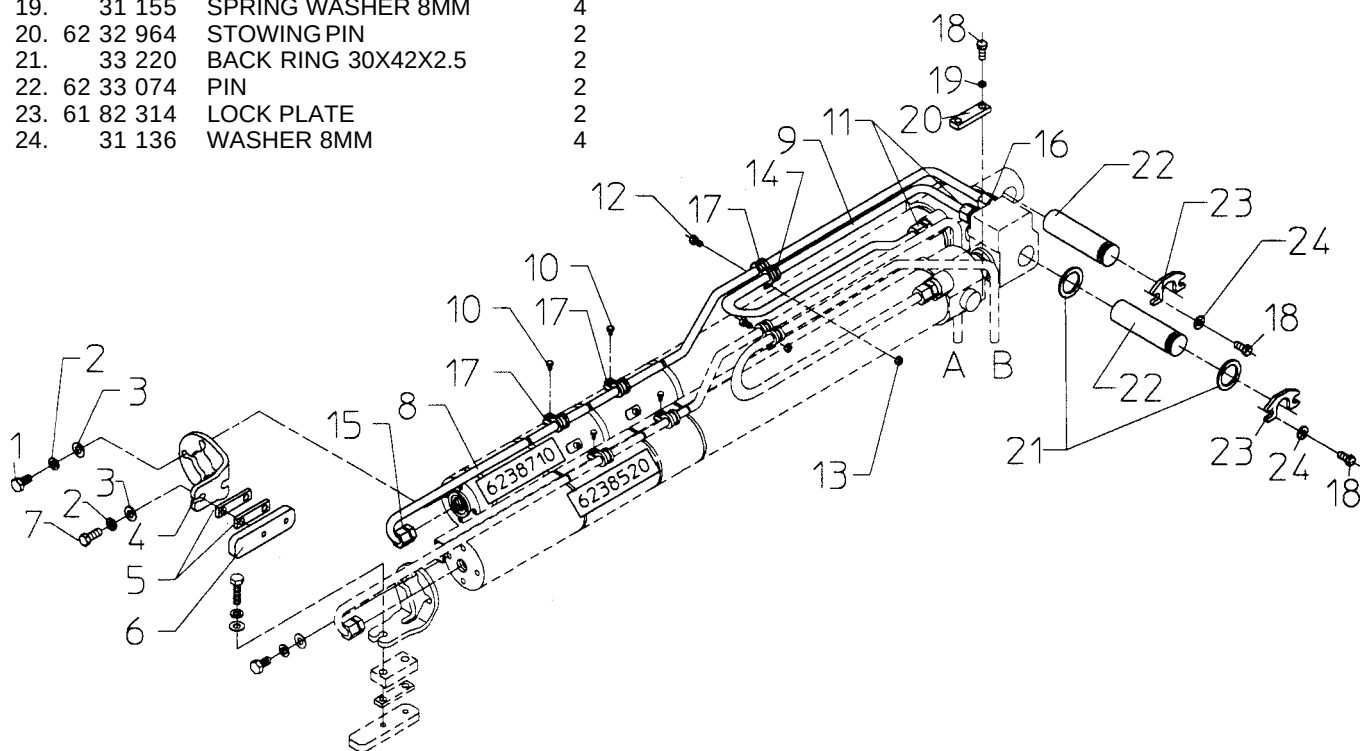
HYD SYS-EXT CYL-K3

63 50 080	FITTINGS-EXTK3				
1. 62 94 374	SLIDE BLOCK	1	17. 63 50 794	PIPE	1
2. 62 94 364	SPACER	1	18. 26 396	CONN P-GEV12SR-WD	1
3. 61 74 544	DIVISION PLATE	1	19. 26 368	CONN P-GEV16SR-WD3/8	1
4. 62 97 323	PLATE	1	20. 30 170	STEEL BOLT M10X130	1
5. 30 154	SET SCREW M10X20	2	21. 62 55 784	PIPE	1
6. 31 156	SPRING WASHER 10MM	4	22. 31 192	WASHER 10MM	1
7. 31 172	WASHER 10MM	4	23. 30 888	LOCK NUT M10	1
8. 26 334	CONN P-GEV16SR-WD	1	24. 30 131	SET SCREW M8X16	6
9. 30 157	SET SCREW M10X35	2	25. 31 155	SPRING WASHER 8MM	4
10. 26 340	CONN EWSD16S	2	26. 62 32 964	STOWING PIN	2
11. 63 50 844	PIPE	1	27. 33 115	CIRCLIP 30U	2
12. 31 446	SUSPENSION 15-16MM	3	28. 33 220	BACK RING 30X42X2.5	4
13. 30 109	SET SCREW M6X8	2	29. 61 82 894	PIN	1
14. 30 111	SET SCREW M6X12	1	30. 31 136	WASHER 8MM	2
15. 27 974	CLIP SG306	1	31. 61 82 314	LOCK PLATE	1
16. 30 854	NUT M6	1	32. 62 33 074	PIN	1



HYD SYS-EXT CYL-K4

	63 50 090	FITTINGS-EXT K4	
1.	30 154	SET SCREW M10X20	3
2.	31 156	SPRING WASHER 10MM	5
3.	31 172	WASHER 10MM	5
4.	62 97 323	PLATE	1
5.	62 94 364	SPACER	2
6.	62 94 374	SLIDE BLOCK	1
7.	30 155	SET SCREW M10X25	2
8.	63 50 764	PIPE	1
9.	63 50 804	PIPE	1
10.	30 109	SET SCREW M6X8	2
11.	26 396	CONN P-GEV12SR-WD	2
12.	30 111	SET SCREW M6X12	1
13.	30 854	NUT M6	1
14.	27 974	CLIP SG306	1
15.	26 334	CONN P-GEV16SR-WD	1
16.	26 368	CONN P-GEV16SR-WD3/8	1
17.	31 446	SUSPENSION 15-16MM	3
18.	30 131	SET SCREW M8X16	6
19.	31 155	SPRING WASHER 8MM	4
20.	62 32 964	STOWING PIN	2
21.	33 220	BACK RING 30X42X2.5	2
22.	62 33 074	PIN	2
23.	61 82 314	LOCK PLATE	2
24.	31 136	WASHER 8MM	4



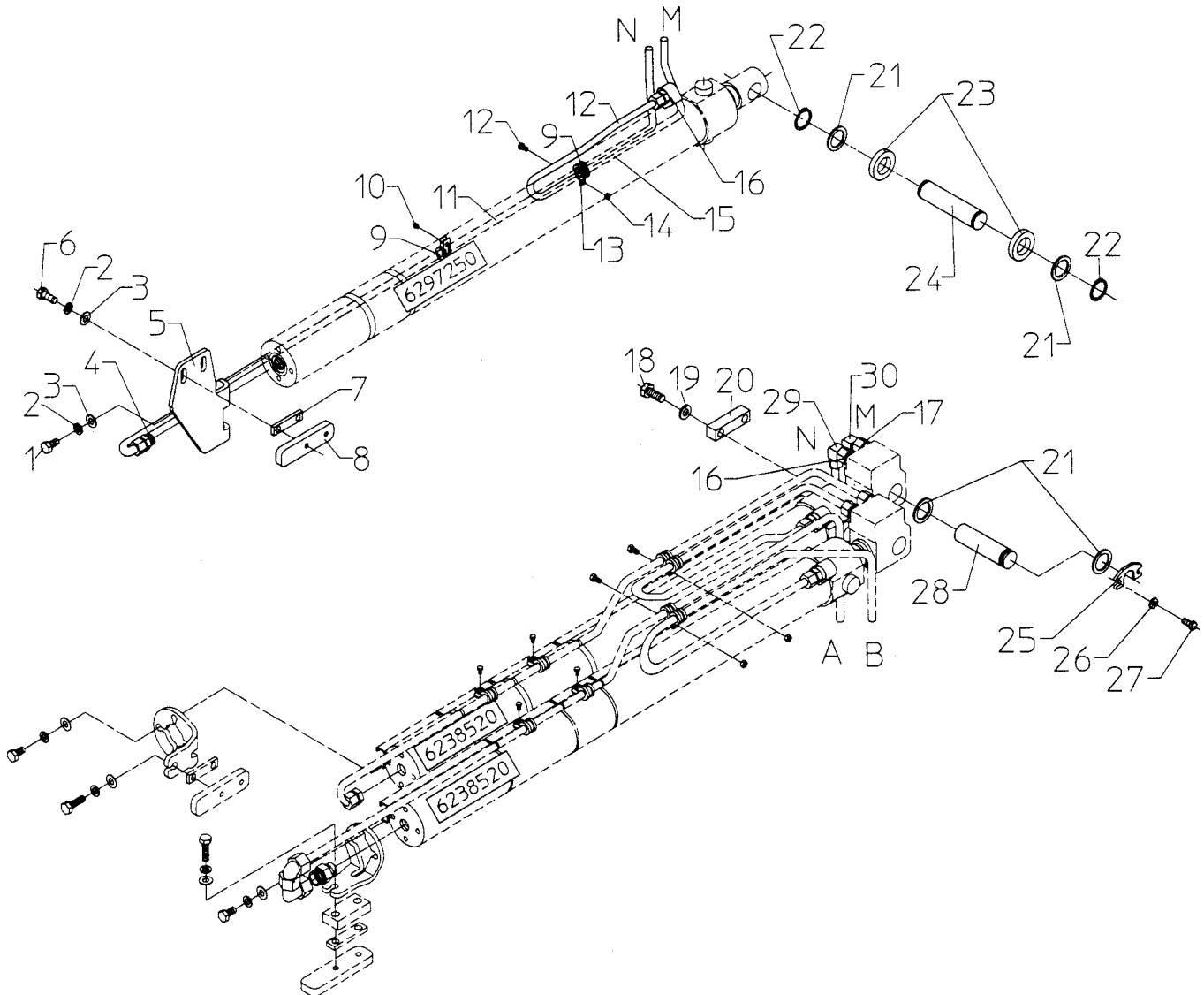
16/117: 516 05 570: 20001031

HYD SYS-EXT CYL-K5

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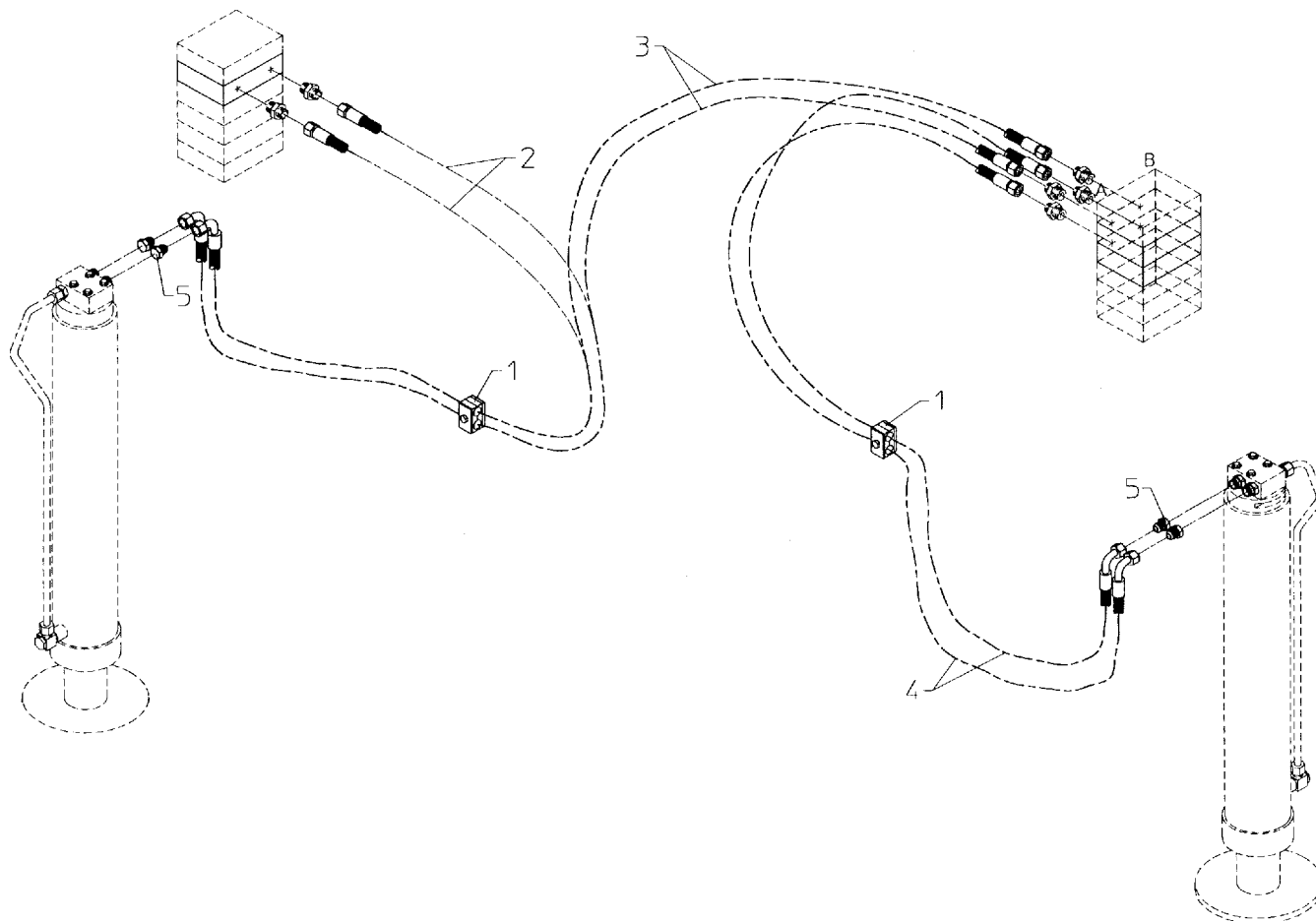
	63 50 100	FITTINGS-EXT K4	
1.	30 154	SET SCREW M10X20	3
2.	31 156	SPRING WASHER 10MM	5
3.	31 172	WASHER 10MM	5
4.	26 334	CONN P-GEV16SR-WD	1
5.	62 38 832	PLATE	1
6.	30 155	SET SCREW M10X25	2
7.	62 94 364	SPACER	1
8.	62 94 374	SLIDE BLOCK	1
9.	31 446	SUSPENSION 15-16MM	2
10.	30 109	SET SCREW M6X8	1
11.	62 38 874	PIPE-K5 OUT	1
12.	30 111	SET SCREW M6X12	1
13.	27 974	CLIP SG306	1
14.	30 854	NUT M6	1

15.	62 35 054	PIPE	1
16.	25 127	CONN P-GEV12LR-WD	2
17.	26 368	CONN P-GEV16SR-WD3/8	4
18.	30 177	SET SCREW M12X30	4
19.	31 158	SPRING WASHER 12MM	4
20.	62 34 854	ATTACHMENT	2
21.	33 220	BACK RING 30X42X2.5	4
22.	33 115	CIRCLIP 30U	2
23.	63 909	DISTANCE RING 62 34 804	2
24.	61 82 894	PIN	1
25.	30 131	SET SCREW M8X16	4
26.	31 136	WASHER 8MM	4
27.	61 82 314	LOCK PLATE	2
28.	62 33 074	PIN	1
29.	25 242	CONN EWSD12L	1
30.	26 340	CONN EWSD16S	1



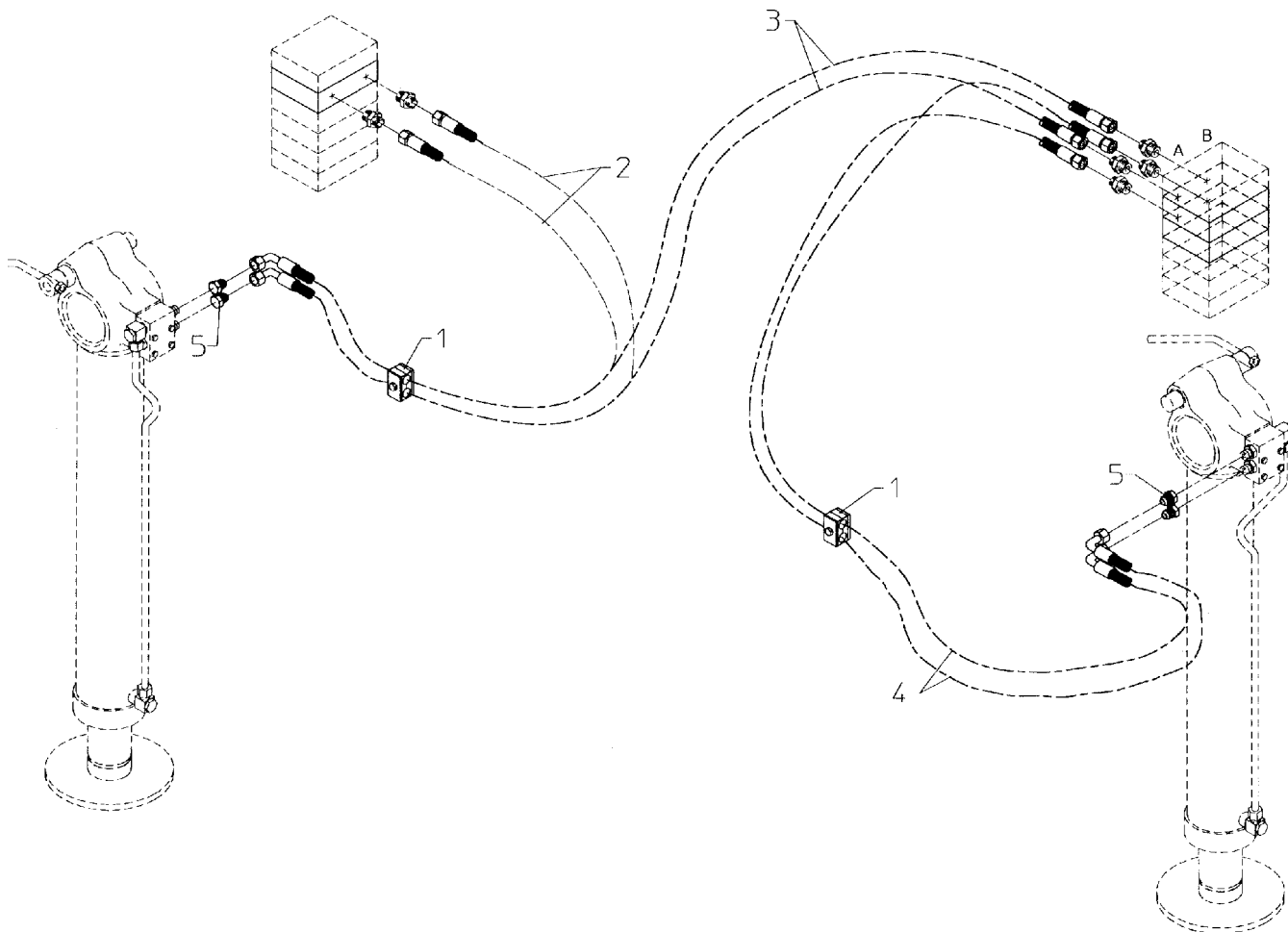
HYD SYS-STABILIZER-TYPE SV

	62 85 660	HYD SYS-STABILIZERS	
1.	31 456	DBL CLAMP 2X18MM	2
2.	62 823	HOSE JIC 3/8X2800 V/O	
3.	62 865	HOSE JIC 3/8X4250 V/O	
4.	62 862	HOSE JIC 3/8X2600 V/O	2
5.	25 849	PLUG 12MM	1



HYD SYS-STABILIZER-TYPE SR

	62 85 660	HYD SYS-STABILIZERS SV/SR	
1.	31 456	DBL CLAMP 2X18MM	2
2.	62 823	HOSE JIC 3/8X2800 V/O	
3.	62 865	HOSE JIC 3/8X4250 V/O	
4.	62 862	HOSE JIC 3/8X2600 V/O	2
5.	25 849	PLUG 12MM	4



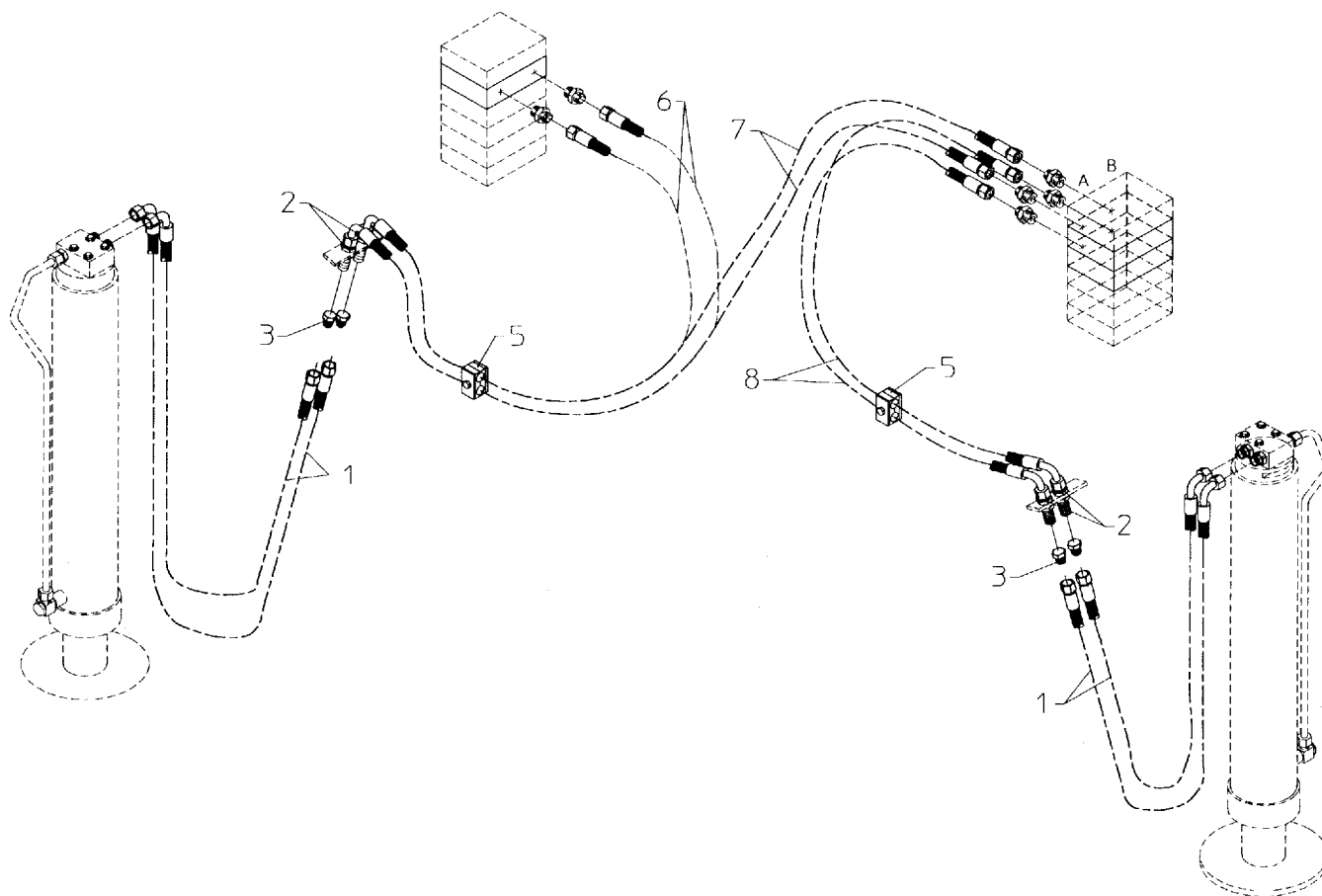
16/117: 516 05 670: 20001031
HYD SYS-STABILIZER-TYPE DV

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HYD SYS-STABILIZER-TYPE DV

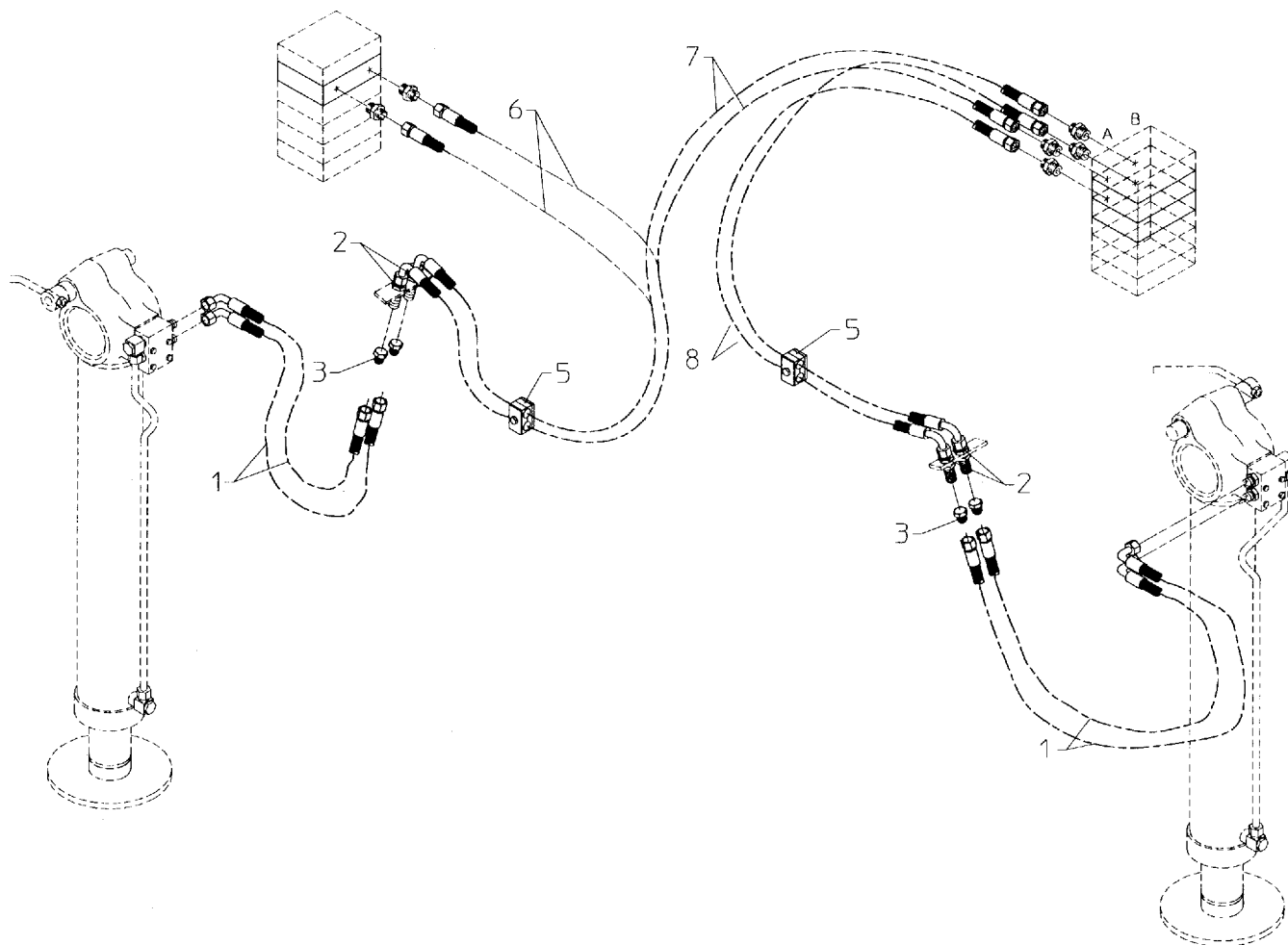
62 85 670 HYD SYS-STABILIZERS DV/DR

- | | | | |
|----|--------|-----------------------|---|
| 1. | 62 903 | HOSE JIC 3/8X1100 V/O | 4 |
| 2. | 25 824 | BULKHD CONN JIC | 4 |
| 3. | 25 849 | PLUG 12MM | 4 |
| 5. | 31 456 | DBL CLAMP 2X18MM | 2 |
| 6. | 62 823 | HOSE JIC 3/8X2800 V/O | |
| 7. | 62 865 | HOSE JIC 3/8X4250 V/O | |
| 8. | 62 862 | HOSE JIC 3/8X2600 V/O | 2 |



HYD SYS-STABILIZER-TYPE DR

	62 85 670	HYD SYS-STABILIZERS DV/DR	
1.	62 903	HOSE JIC 3/8X1100 V/O	4
2.	25 824	BULKHD CONN JIC	4
3.	25 849	PLUG 12MM	4
5.	31 456	DBL CLAMP 2X18MM	2
6.	62 823	HOSE JIC 3/8X2800 V/O	
7.	62 865	HOSE JIC 3/8X4250 V/O	
8.	62 862	HOSE JIC 3/8X2600 V/O	2



MOUNTING FITTINGS

62 37 530	MTGKIT
1. 32 313	NUT M30X1.5 (was 30 895)
2. 66 58 094	WASHER
3. 66 44 084	STOP BLOCK
11. 66 58 234	SPACER
12. 66 58 104	CLAMP
15. 68 86 894	MTGBOLT 950MM (was 66 61 844)

32

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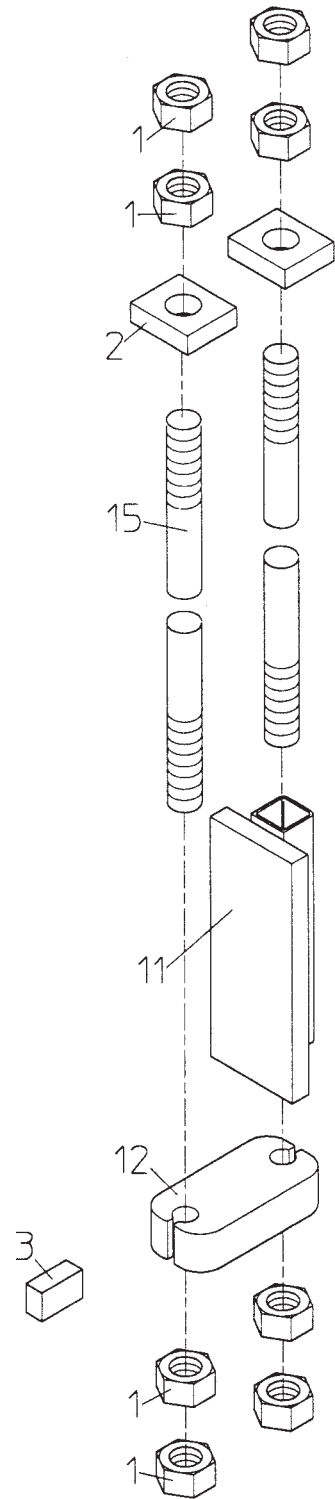
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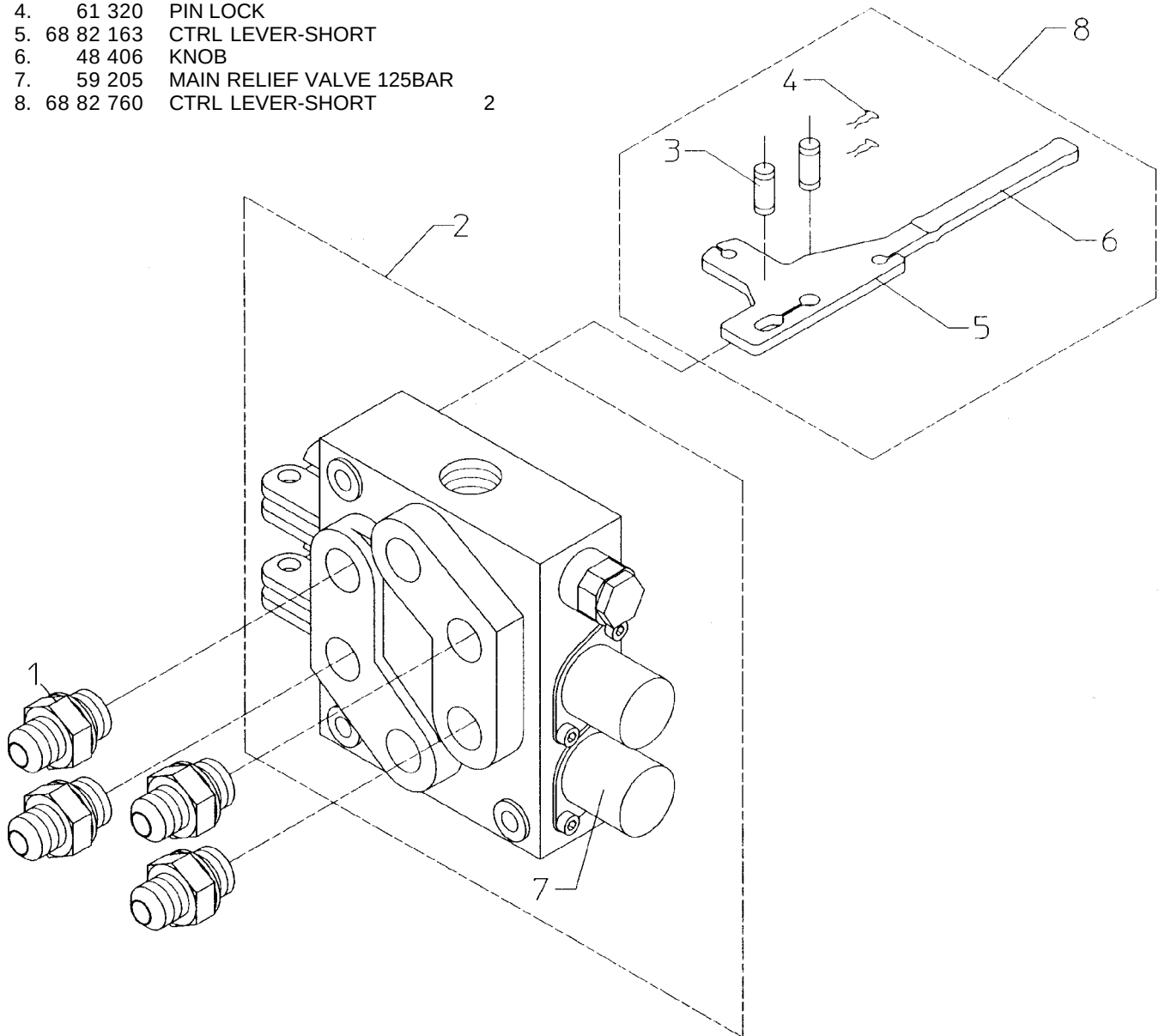
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PARTS-58



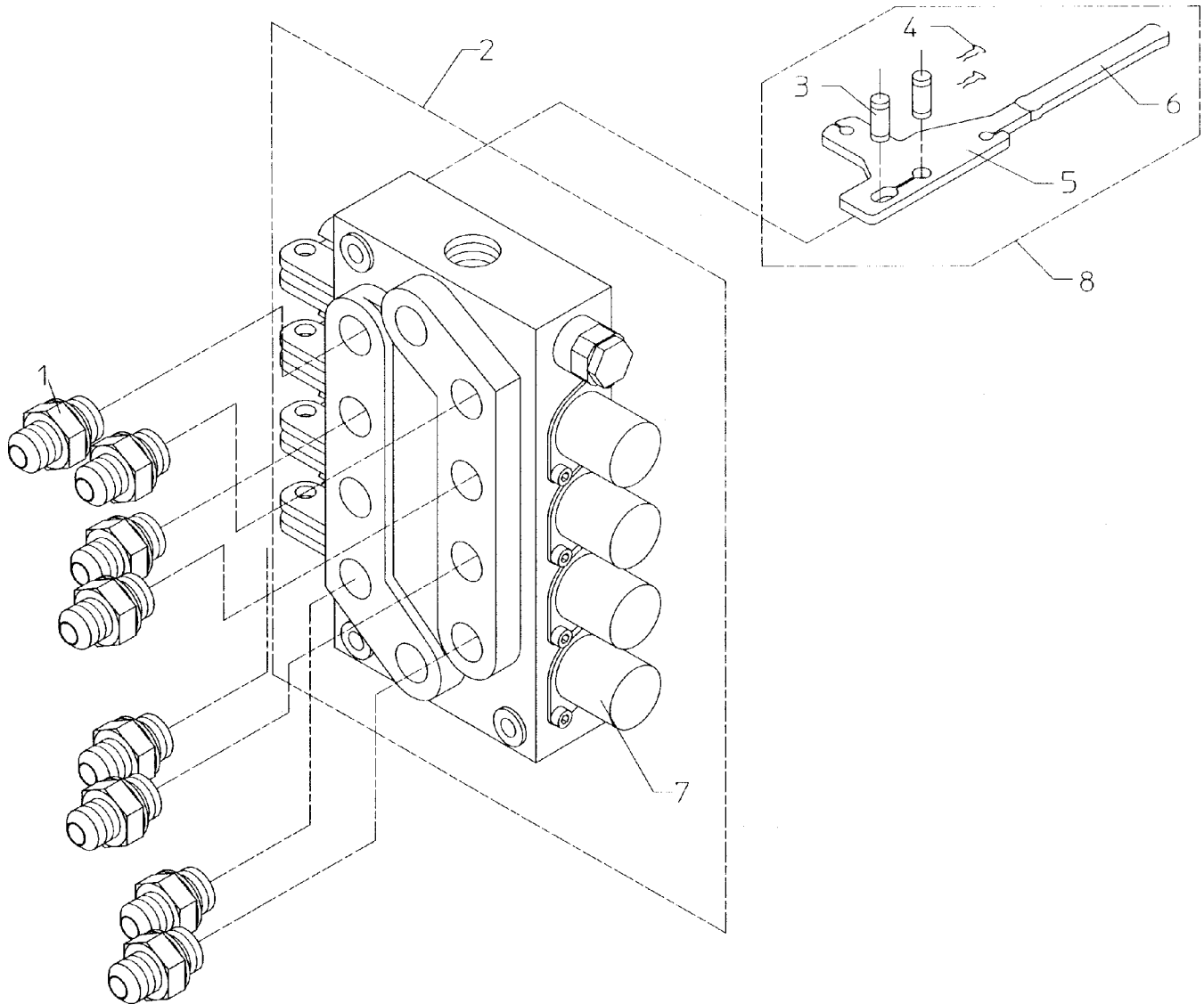
VALVE GROUP-2 SECT

	66 48 930	VB 2SECT	
1.	25 832	CONN JIC F40XS12-1/2	4
2.	59 561	VB	1
3.	61 364	PIN	
4.	61 320	PIN LOCK	
5.	68 82 163	CTRL LEVER-SHORT	
6.	48 406	KNOB	
7.	59 205	MAIN RELIEF VALVE 125BAR	
8.	68 82 760	CTRL LEVER-SHORT	2



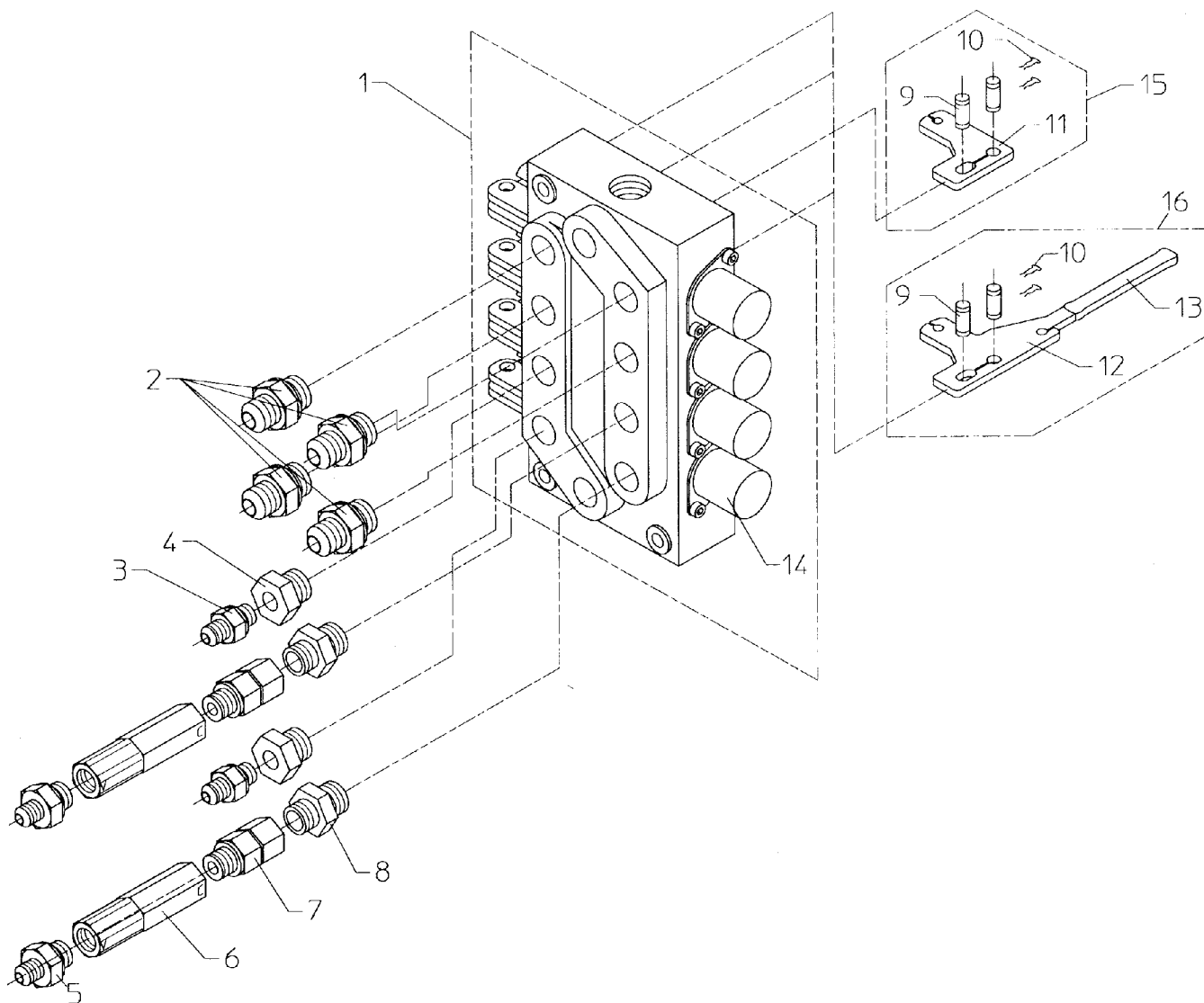
VALVE GROUP-4 SECT-2F

	66 48 940	VB 4SECT	
1.	25 832	CONN JIC F40XS12-1/2	8
2.	59 122	VB-COMplete	1
3.	61 364	PIN	
4.	61 320	PIN LOCK	
5.	68 82 163	CTRL LEVER-SHORT	
6.	48 406	KNOB	
7.	59 205	MAIN RELIEF VALVE 125BAR	
8.	68 82 760	CTRL LEVER-SHORT	4



VALVE GROUP-4 SECT-HYD EXT

	66 48 960	VB 4SECT EXT	
1.	59 122	VB-COMplete	1
2.	25 832	CONN JIC F40XS12-1/2	4
3.	25 829	CONN JIC F40XS8-1/4	2
4.	25 180	CONN R1/2/R1/4	2
5.	25 830	CONN JIC F49XS8-3/8	2
6.	59 039	SEQUENCE VALVE	2
7.	25 240	CONN EGESD12LR-WD	2
8.	25 108	CONN P-GEV12LR 1/2WD	2
9.	61 364	PIN	
10.	61 320	PIN LOCK	
11.	68 82 174	DUAL CTRL LINK	
12.	68 82 163	CTRL LEVER-SHORT	
13.	48 406	KNOB	
14.	59 205	MAIN RELIEF VALVE 125BAR	
15.	68 82 780	LINK	1
16.	68 82 760	CTRL LEVER-SHORT	3

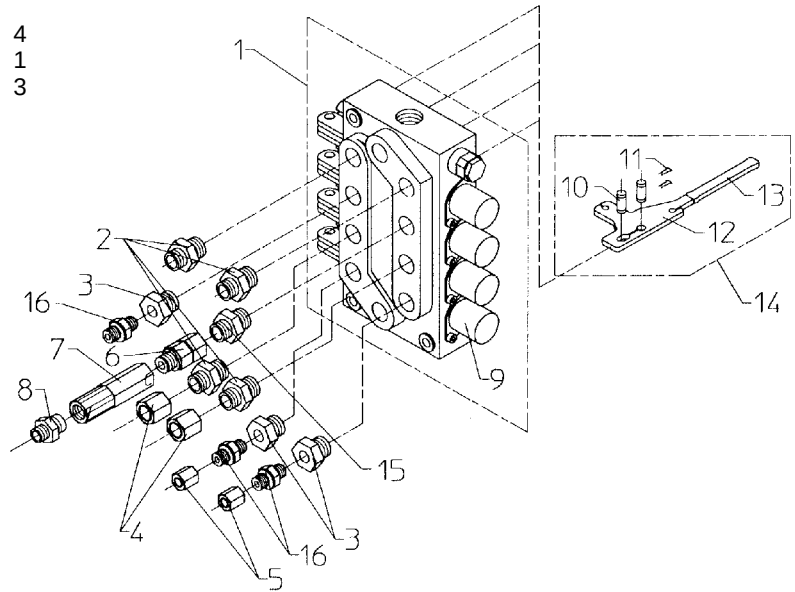
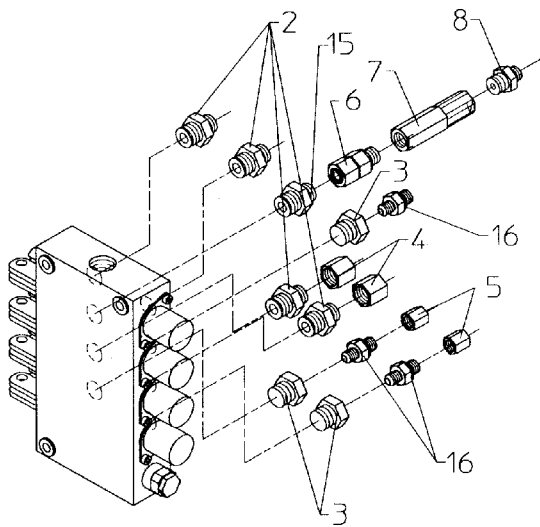


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VALVE GROUP-4 SECT-4F

	66 48 950	VB 4SECT EXT	2
1.	59 122	VB-COMplete	1
2.	25 832	CONN JIC F40XS12-1/2	4
3.	25 180	CONN R1/2/R1/4	3
4.	25 876	SCREW CAP 12MM	2
5.	25 847	SCREW CAP JIC FNTXS8	2
6.	25 240	CONN EGESD12LR-WD	1
7.	59 039	SEQUENCE VALVE	1
8.	25 830	CONN JIC F49XS8-3/8	1
9.	59 205	MAIN RELIEF VALVE 125BAR	
10.	61 364	PIN	
11.	61 320	PIN LOCK	
12.	68 82 163	CTRL LEVER-SHORT	
13.	48 406	KNOB	
14.	68 82 760	CTRL LEVER-SHORT	4
15.	25 108	CONN P-GEV12LR 1/2WD	1
16.	25 829	CONN JIC F40XS8-1/4	3

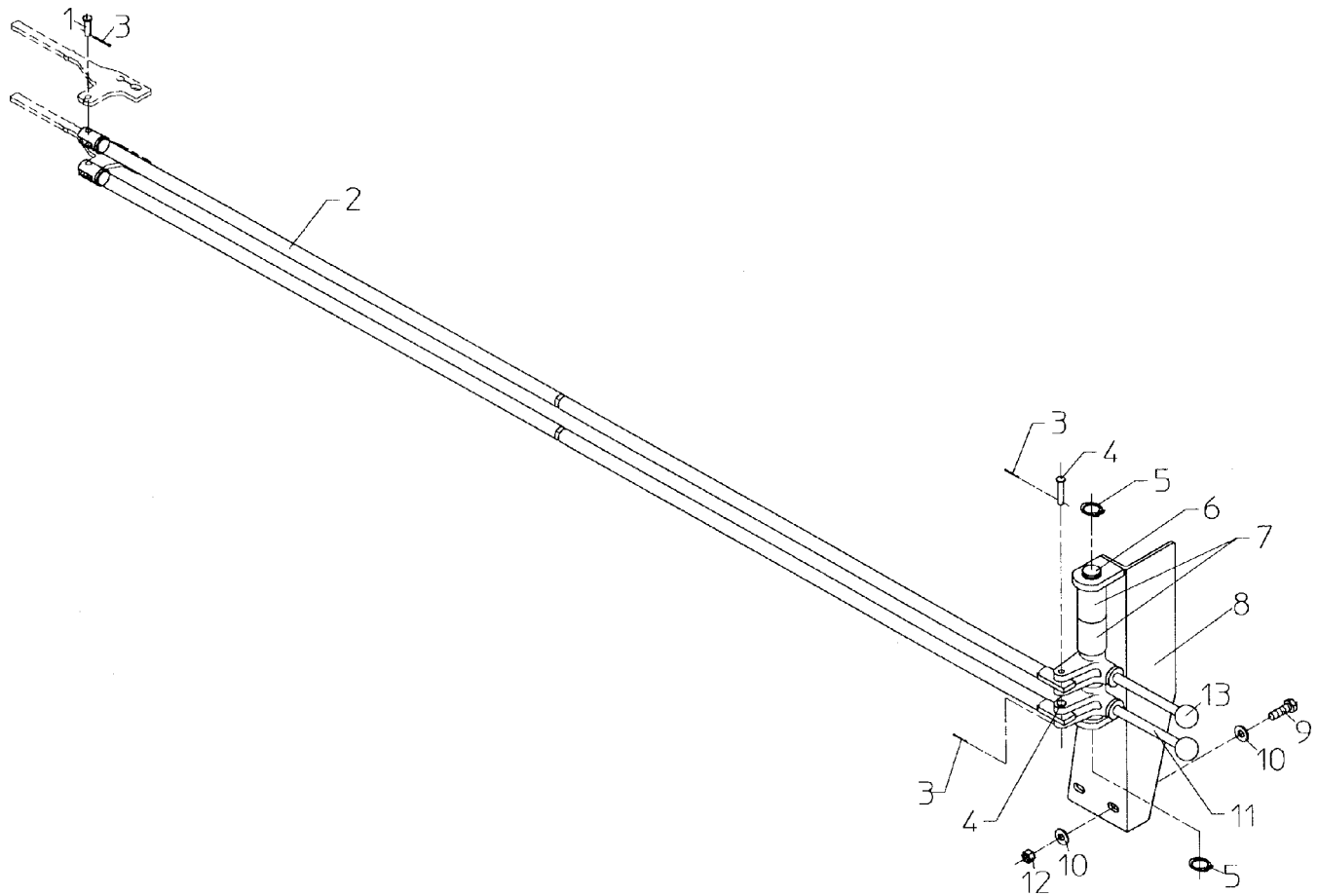


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PARTS-63

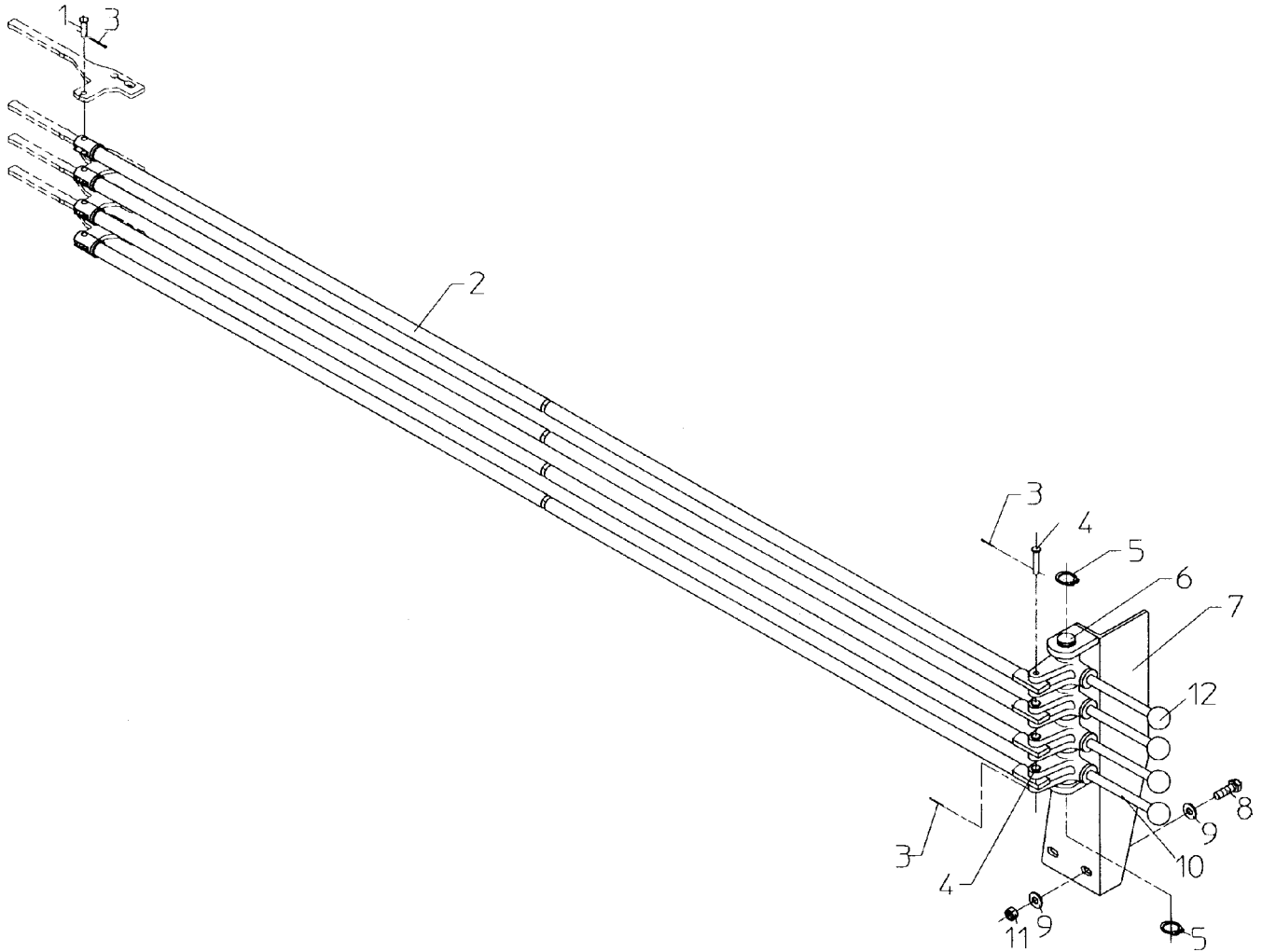
DUAL CTRL-2 STABILIZER VALVES

	63 50 510	DUAL CTRL-2F	
1.	31 271	COTTER BOLT Ø6X20	2
2.	63 50 704	CONNECTING ROD	2
3.	31 601	SPLIT RING Ø1.5X20	4
4.	31 274	COTTER BOLT Ø6X30	2
5.	33 107	CIRCLIP 19U	2
6.	62 43 144	PIN-4 LEVER	1
7.	64 040	NYLON BUSHING 60 98 254	2
8.	62 34 453	DUAL CTRL BRACKET	1
9.	30 155	SET SCREW M10X25	2
10.	31 172	WASHER 10MM	4
11.	66 61 643	CTRL LEVER-SHORT	2
12.	30 888	LOCK NUT M10	2
13.	64 262	BALL Ø32X10MM	2



DUAL CTRL-4 STABILIZER VALVES

	63 50 500	DUAL CTRL-4F	
1.	31 271	COTTER BOLT Ø6X20	4
2.	63 50 704	CONNECTING ROD	4
3.	31 601	SPLIT RING Ø1.5X20	8
4.	31 274	COTTER BOLT Ø6X30	4
5.	33 107	CIRCLIP 19U	2
6.	62 43 144	PIN-4 LEVER	1
7.	62 34 453	DUAL CTRL BRACKET	1
8.	30 155	SET SCREW M10X25	2
9.	31 172	WASHER 10MM	4
10.	66 61 643	CTRL LEVER-SHORT	2
11.	30 888	LOCK NUT M10	2
12.	64 262	BALL Ø32X10MM	4

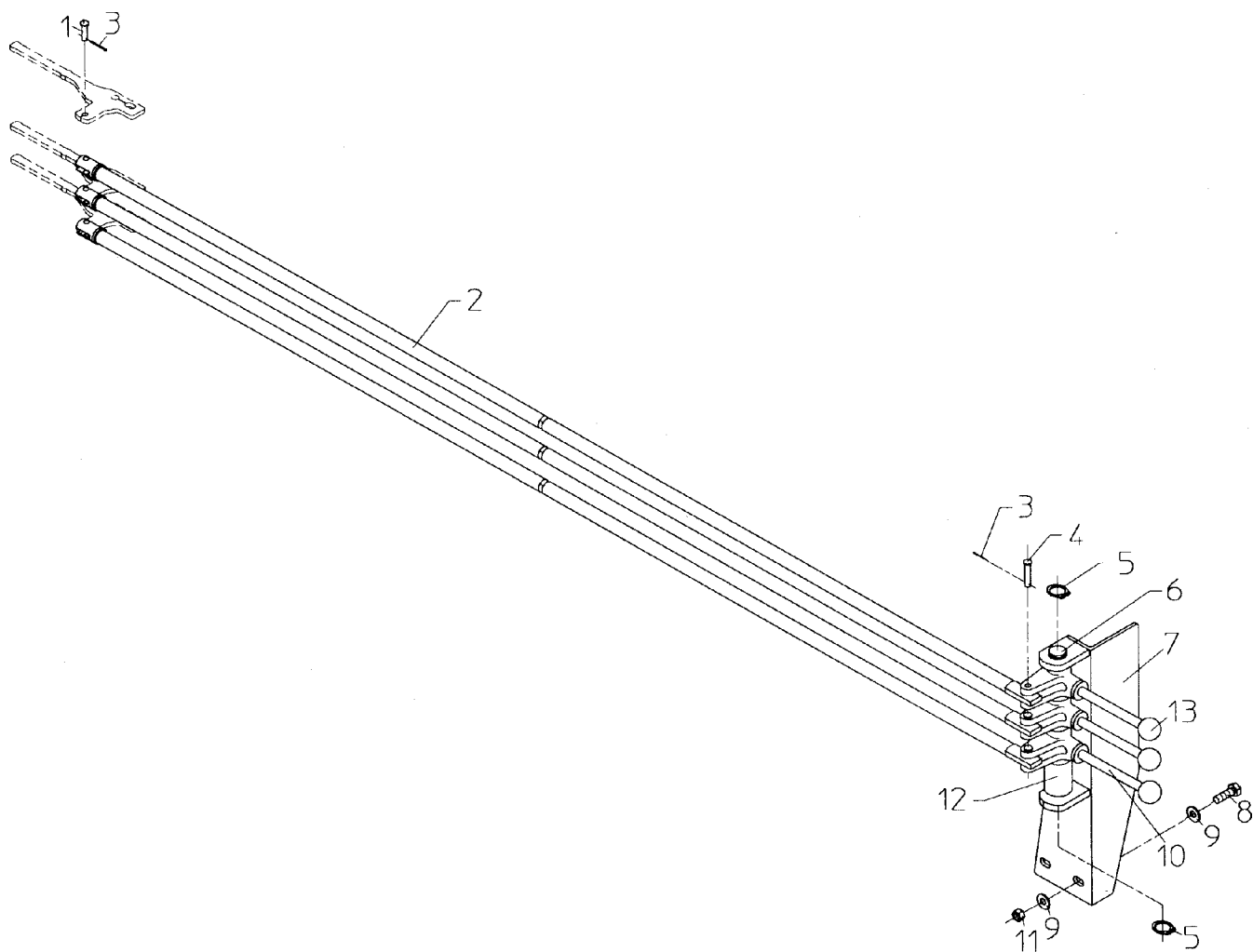


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PARTS-65

DUAL CTRL-4 STABILIZER VALVES-HYD EXT

	63 50 490	DUAL CTRL-4F	
1.	31 271	COTTER BOLT Ø6X20	3
2.	63 50 704	CONNECTING ROD	3
3.	31 601	SPLIT RING Ø1.5X20	6
4.	31 274	COTTER BOLT Ø6X30	3
5.	33 107	CIRCLIP 19U	2
6.	62 43 144	PIN-4 LEVER	1
7.	62 34 453	DUAL CTRL BRACKET	1
8.	30 155	SET SCREW M10X25	2
9.	31 172	WASHER 10MM	4
10.	66 61 643	CTRL LEVER-SHORT	3
11.	30 888	LOCK NUT M10	2
12.	64 040	NYLON BUSHING 60 98 254	1
13.	64 262	BALL Ø32X10MM	3



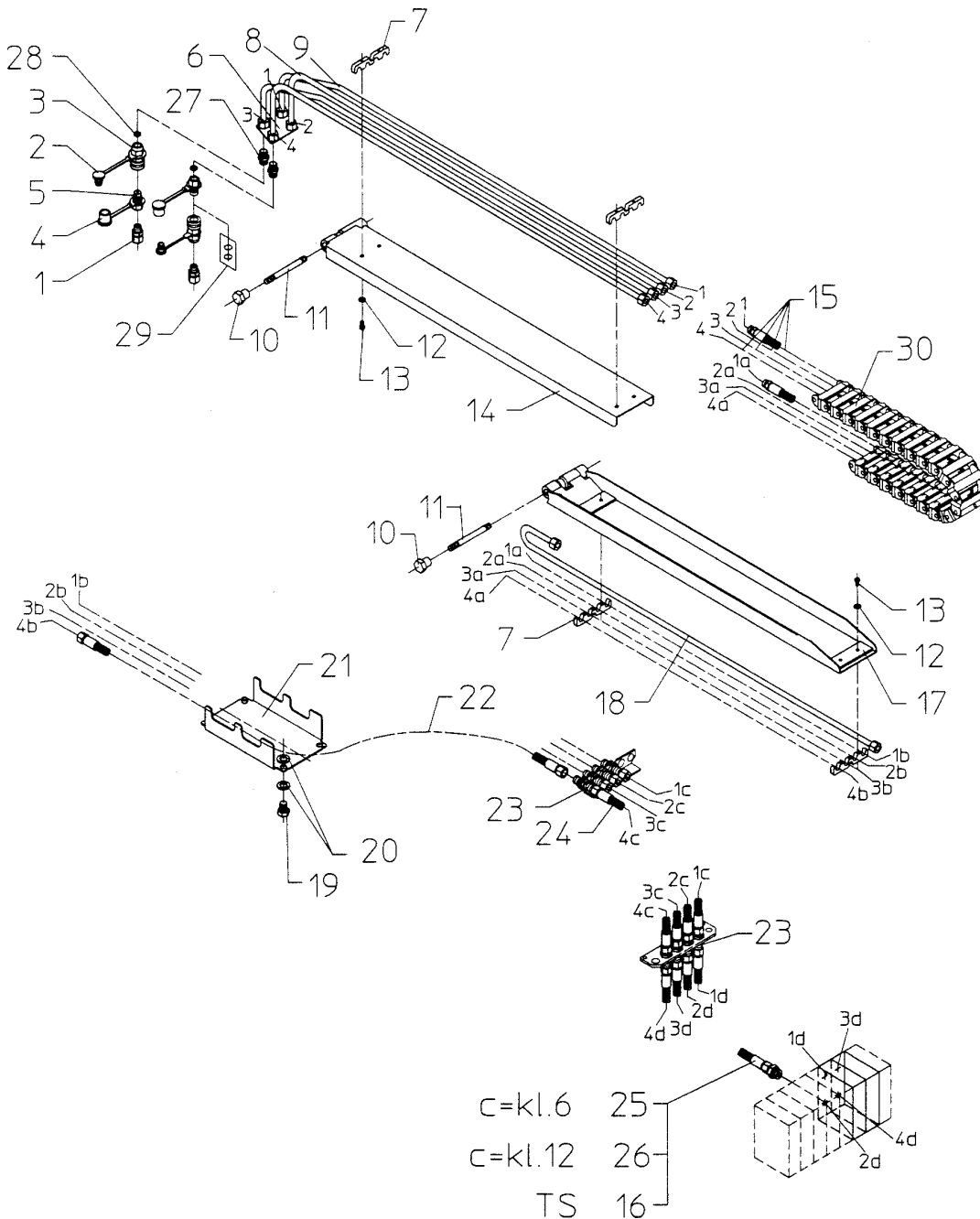
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EXTRA VALVES-K1

	62 85 440	HOSES-EXTRA VALVES	
	62 85 450	EXTRA VALVES K1-1	
	62 85 510	EXTRA VALVES K1-2	
1.	25 127	CONN P-GEV12LR-WD	4
2.	60 621	DUST CAP M 3/8	4
3.	60 619	QUICK RELEASE COUP F 3/8	4
4.	60 622	DUST CAP F 3/8	4
5.	60 620	QUICK RELEASE COUP M 3/8	4
6.	61 74 054	PLATE	1
7.	62 34 514	CLAMP	4
8.	62 85 394	PIPE	2
9.	62 85 404	PIPE	2
10.	62 34 504	NUT	2
11.	62 34 524	SCREW 6MM	2
12.	31 134	WASHER 6MM	8
13.	30 112	SET SCREW M6X16	8

PARTS-66

14.	62 34 402	PROTECTIVE PLATE	1
15.	62 906	HOSE JIC 3/8X1550 S/S	4
16.	62 878	HOSE JIC 3/8X1600 O/O	4
17.	62 34 372	PROTECTIVE PLATE	1
18.	70 19 184	PIPE	4
19.	30 204	SET SCREW M14X20	4
20.	31 178	WASHER 28X15X2.5	4
21.	62 57 563	HOSE GUIDE	1
22.	62 905	HOSE JIC 3/8X1400 S/O	4
23.	25 824	BULKHD CONN JIC	8
24.	62 864	HOSE JIC 3/8X3900 O/O	4
25.	62 861	HOSE JIC 3/8X2550 O/O	
26.	62 902	HOSE JIC 3/8X2750 O/O	
27.	66 61 444	SOCKET	4
28.	20 115	O-RING 12.42X1.78	4
29.	60 635	SEAL KIT 3/8	
30.	27 563	NYLON DRAG CHAIN	1

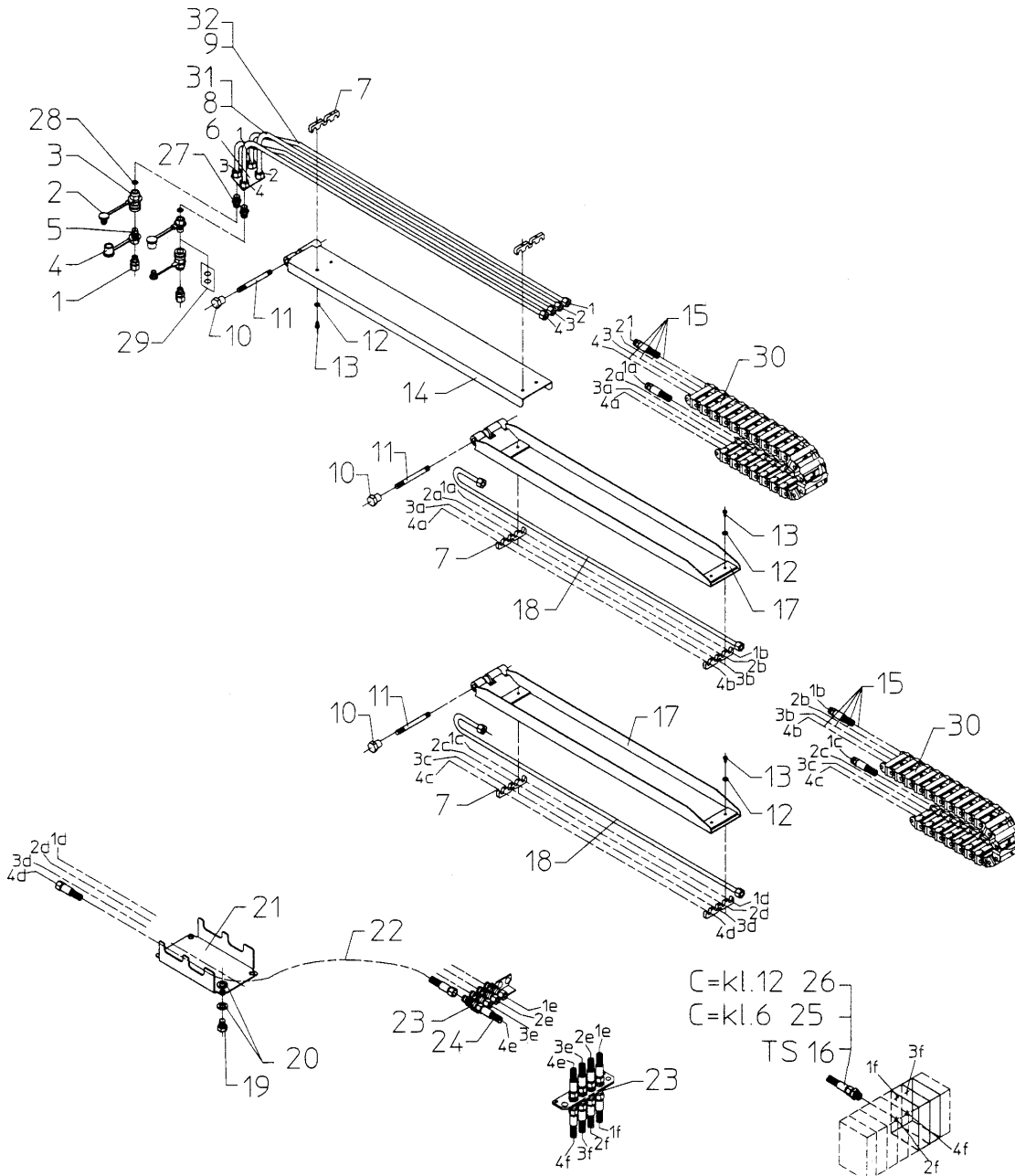


EXTRA VALVES-K2

	62 85 440	HOSES-EXTRA VALVES	
	62 85 460	EXTRA VALVES K2-1	
	62 85 520	EXTRA VALVES K2-2	
	62 85 570	EXTRA VALVES K2-2+FJ	
1.	25 127	CONN P-GEV12LR-WD	4
2.	60 621	DUST CAP M 3/8	4
3.	60 619	QUICK RELEASE COUP F 3/8	4
4.	60 622	DUST CAP F 3/8	4
5.	60 620	QUICK RELEASE COUP M 3/8	4
6.	61 74 054	PLATE	1
7.	62 34 514	CLAMP	6
8.	62 85 394	PIPE	2
9.	62 85 404	PIPE	2
10.	62 34 504	NUT	3
11.	62 34 524	SCREW 6MM	3
12.	31 134	WASHER 6MM	12
13.	30 112	SET SCREW M6X16	12

PARTS-67

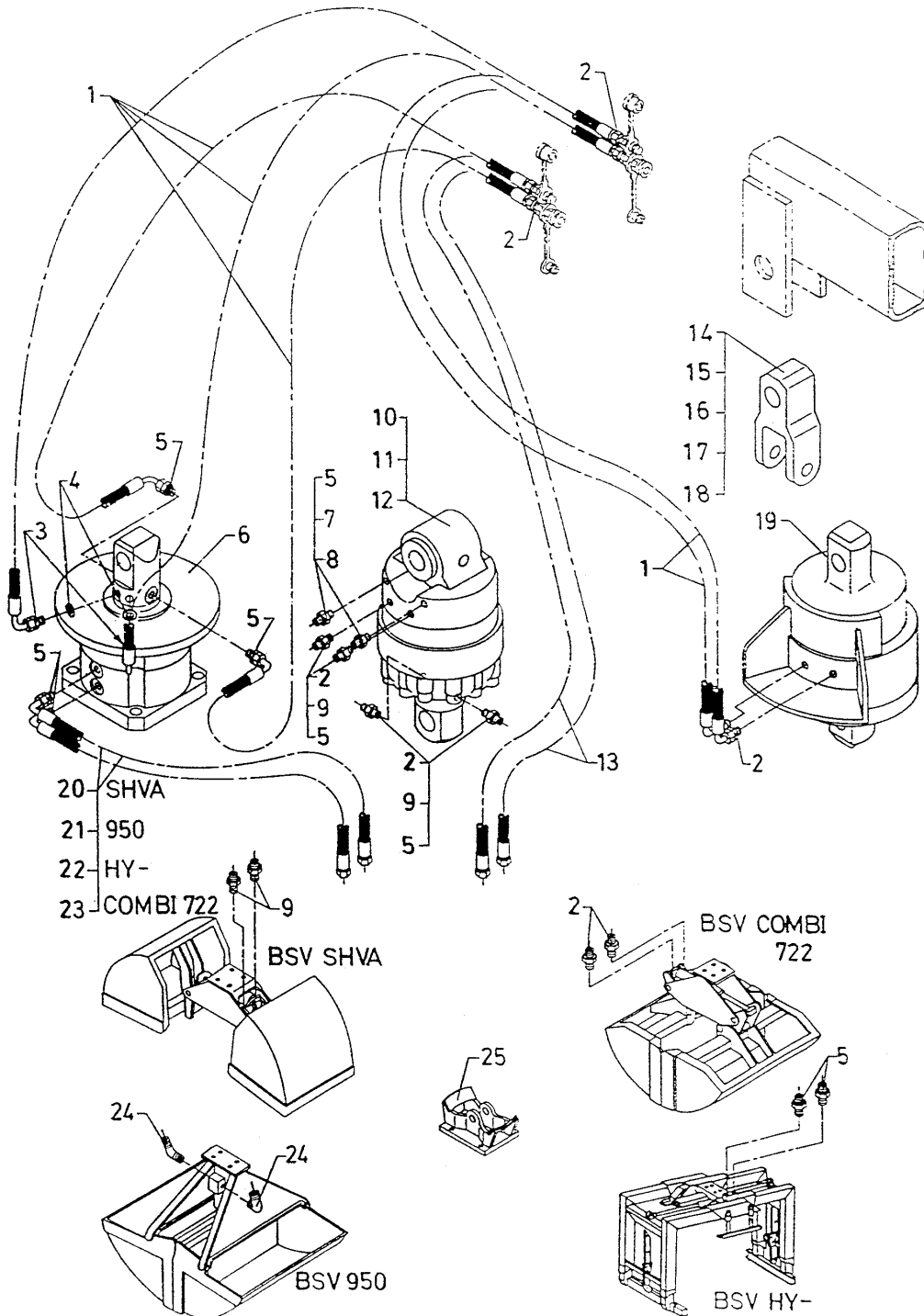
14.	62 34 402	PROTECTIVE PLATE	1
15.	62 906	HOSE JIC 3/8X1550 S/S	8
16.	62 878	HOSE JIC 3/8X1600 O/O	4
17.	62 34 372	PROTECTIVE PLATE	2
18.	70 19 184	PIPE	8
19.	30 204	SET SCREW M14X20	4
20.	31 178	WASHER 28X15X2.5	4
21.	62 57 563	HOSE GUIDE	1
22.	62 905	HOSE JIC 3/8X1400 S/O	4
23.	25 824	BULKHD CONN JIC	8
24.	62 864	HOSE JIC 3/8X3900 O/O	4
25.	62 861	HOSE JIC 3/8X2550 O/O	
26.	62 902	HOSE JIC 3/8X2750 O/O	
27.	66 61 444	SOCKET	4
28.	20 115	O-RING 12.42X1.78	4
29.	60 635	SEAL KIT 3/8	
30.	27 563	NYLON DRAG CHAIN	2
31.	62 85 424	PIPE	2
32.	62 85 434	PIPE	2



HYD LIFTING TOOLS

1.	00 17 300	HOSE 3/8X850 V/O
2.	25 127	CONN P-GEV12LR-WD
3.	61 160	NIPPLE
4.	21 103	SEAL WASHER Ø14.7X22X1.5
5.	25 206	CONN P-GEV12L/M18X1.5
6.	61 155	CONT ROTATOR BSV T35
7.	26 332	CONN P-GAV12LR
8.	26 333	CONN AI-12RL 1/2
9.	25 108	CONN P-GEV12LR 1/2WD
10.	61 198	CONT ROTATOR
11.	61 199	CONT ROTATOR FINNROTOR IISA
12.	61 145	CONT ROTATOR KINSHOFER

13.	00 17 130	HOSE 3/8X1600 O/O
14.	60 35 750	WELDED SUSPENSION-COMPL
15.	61 159	SUSPENSION BSV T35
16.	60 31 410	WELDED SUSPENSION-COMPL
17.	61 196	SUSPENSION
18.	62 57 644	SUSPENSION-COMPLETE
19.	61 001	ROTATOR 300° BSV700
20.	00 17 590	HOSE 3/8X635 V/O
21.	00 17 710	HOSE 3/8X350 V/O
22.	00 17 000	HOSE 3/8X500 V/O
23.	00 17 460	HOSE 3/8X550 V/V
24.	25 132	CONN P-WEV12LRK
25.	61 133	BRACKET BSV

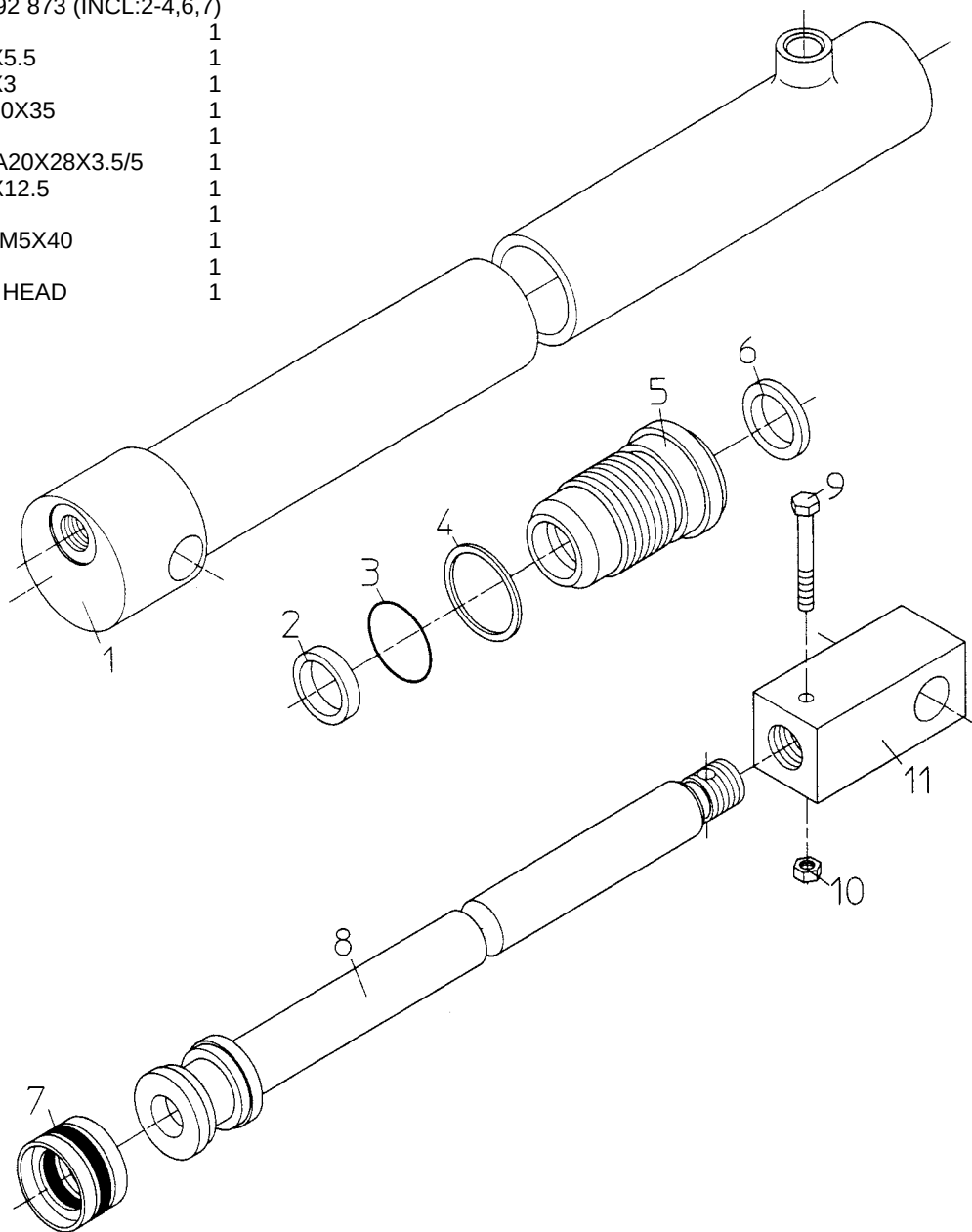


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PARTS-69

BEAM CYL C32-1450 TYPE S

	62 59 860	EXT CYL	
	68 92 290	SEAL KIT 66 92 873 (INCL:2-4,6,7)	
1.	62 32 143	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 31 174	PISTON ROD	1
9.	30 103	STEEL BOLT M5X40	1
10.	30 853	NUT M5	1
11.	60 43 024	PISTON ROD HEAD	1

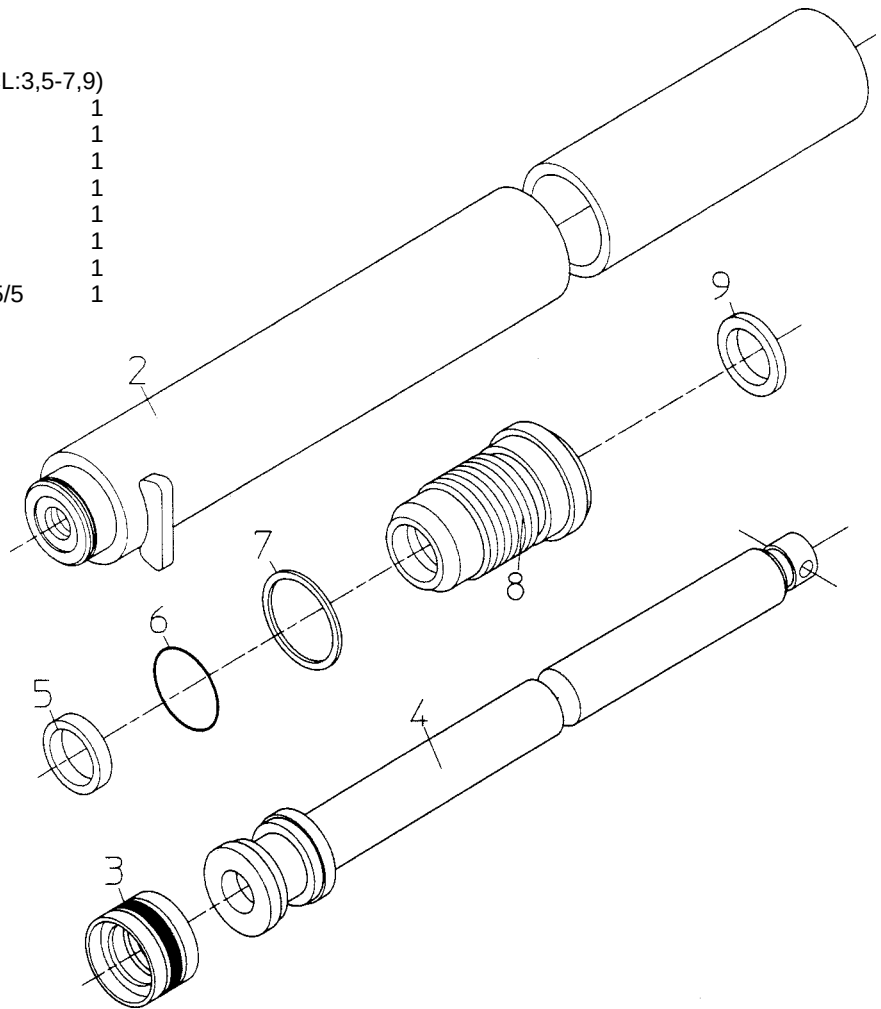


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PARTS-70

BEAM CYL C32-2085 TYPE D

62 35 290	BEAM CYL C32-2085	
68 92 290	SEAL KIT 66 92 873 (INCL:3,5-7,9)	
2. 62 35 303	CYLINDER	1
3. 20 797	SEAL 32X22X12.5	1
4. 62 35 344	PISTON ROD	1
5. 20 681	SEAL 20X26X5.5	1
6. 20 176	O-RING 29.2X3	1
7. 20 880	BACK RING 30X35	1
8. 60 43 034	GUIDE	1
9. 20 503	SCRAPER GA20X28X3.5/5	1

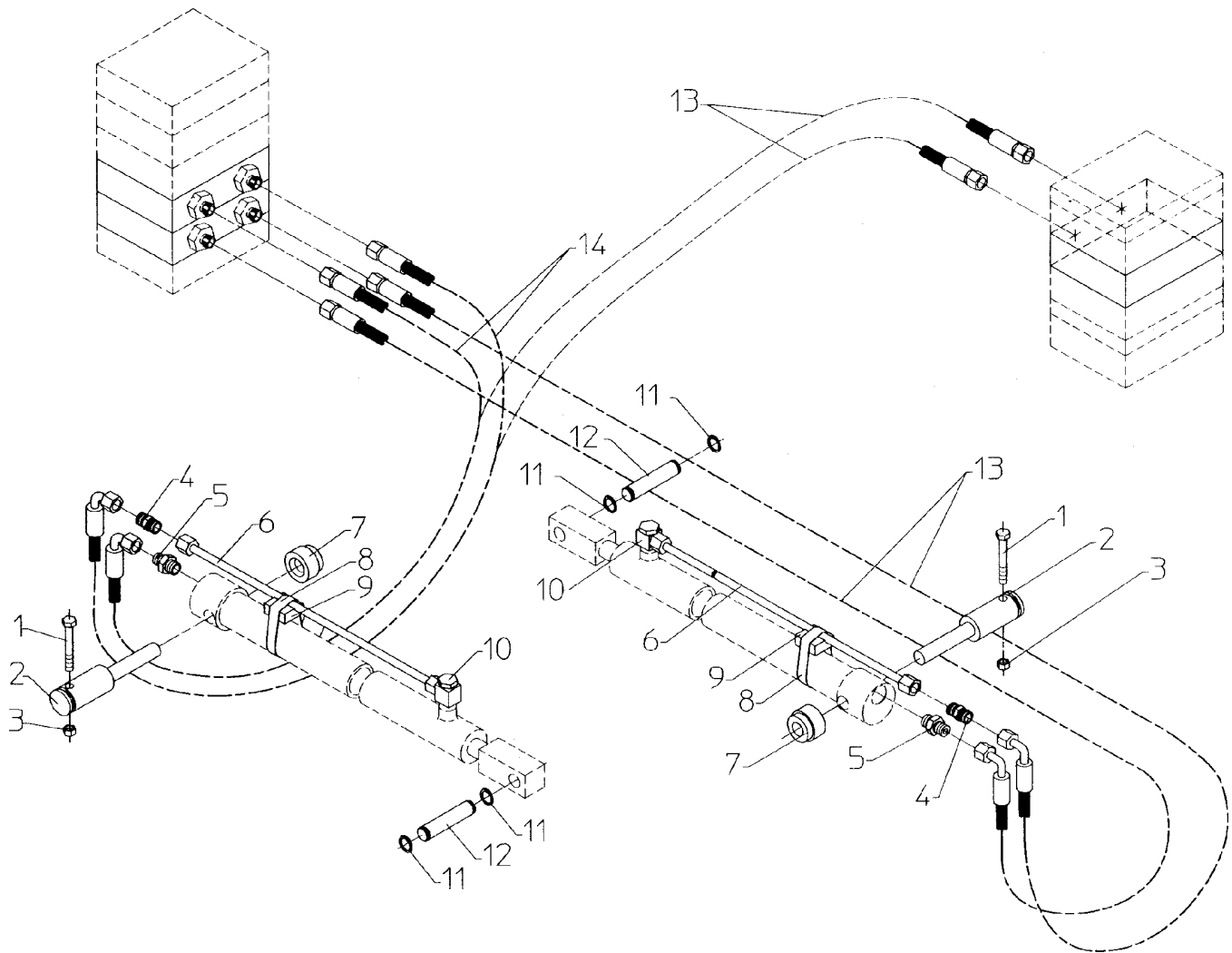


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PARTS-71

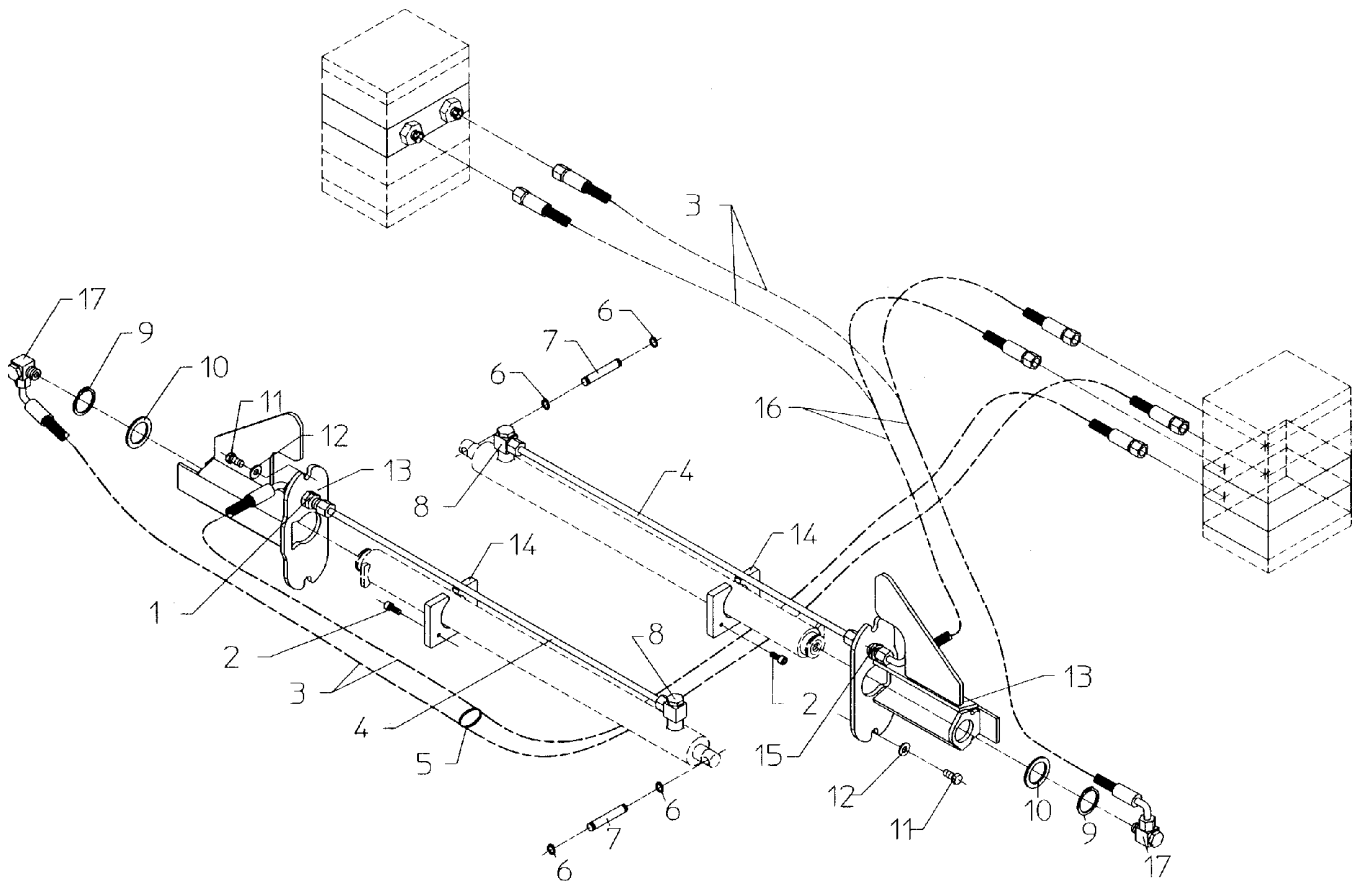
HYD SYS-BEAM CYL TYPE SV/SR

	62 85 640	HYD SYS-EXTS SV/SR	
1.	30 141	SET SCREW M8X60	2
2.	62 33 574	PIN	2
3.	30 886	LOCK NUT M8	2
4.	25 857	CONN P-GV8L	2
5.	25 829	CONN JIC F40XS8-1/4	2
6.	62 85 864	PIPE	2
7.	62 33 584	GUIDE	2
8.	31 405	CLIP HS28	2
9.	31 469	CLAMP 8MM	2
10.	25 113	BANJO CONN PSWV8LR	2
11.	33 105	CIRCLIP 16U	4
12.	61 34 044	PIN	2
13.	62 885	HOSE JIC 1/4X2500 V/O	
14.	62 901	HOSE JIC 1/4X2500 V/O	



HYD SYS-BEAM CYL TYPE DV/DR

	62 85 650	HYD SYS-EXTS DV/DR	
1.	26 371	COUNTER NUT M14X1.5	2
2.	30 424	SCREW MC6X16	4
3.	62 885	HOSE JIC 1/4X2500 V/O	
4.	62 85 414	PIPE	2
5.	27 274	CLIP	6
6.	33 101	CIRCLIP	4
7.	62 35 284	PIN	2
8.	25 113	BANJO CONN PSWV8LR	2
9.	33 120	LOCK RING SS 30U	2
10.	33 220	BACK RING 30X42X2.5	2
11.	30 154	SET SCREW M10X20	4
12.	31 172	WASHER 10MM	4
13.	62 37 403	GUIDE	2
14.	62 35 254	GUIDE	1
15.	25 823	BULKHD CONN JIC	2
16.	62 901	HOSE JIC 1/4X2500 V/O	
17.	25 858	CONN 1/4X1/4	2

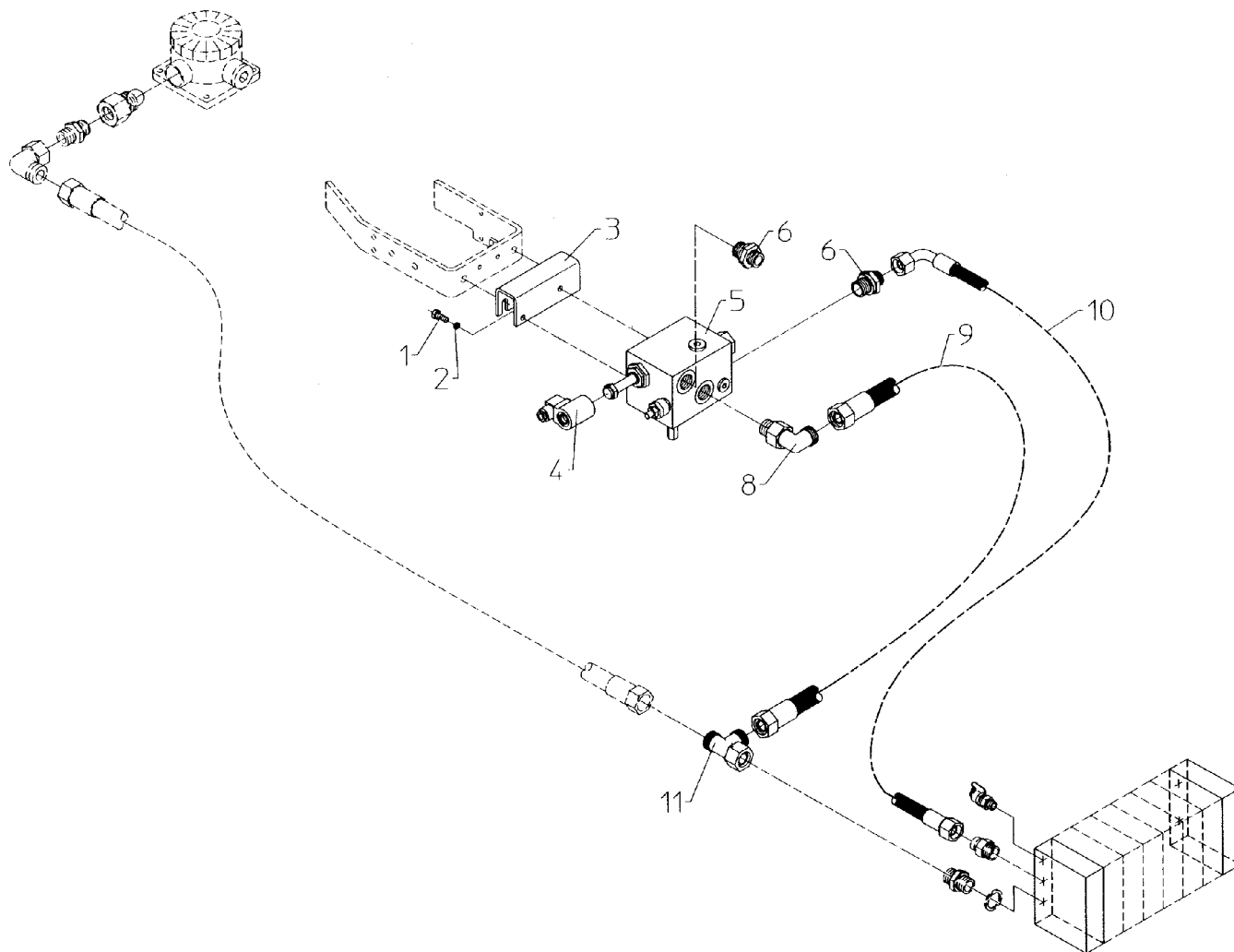


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PARTS-73

HYD SYS-HDL 2

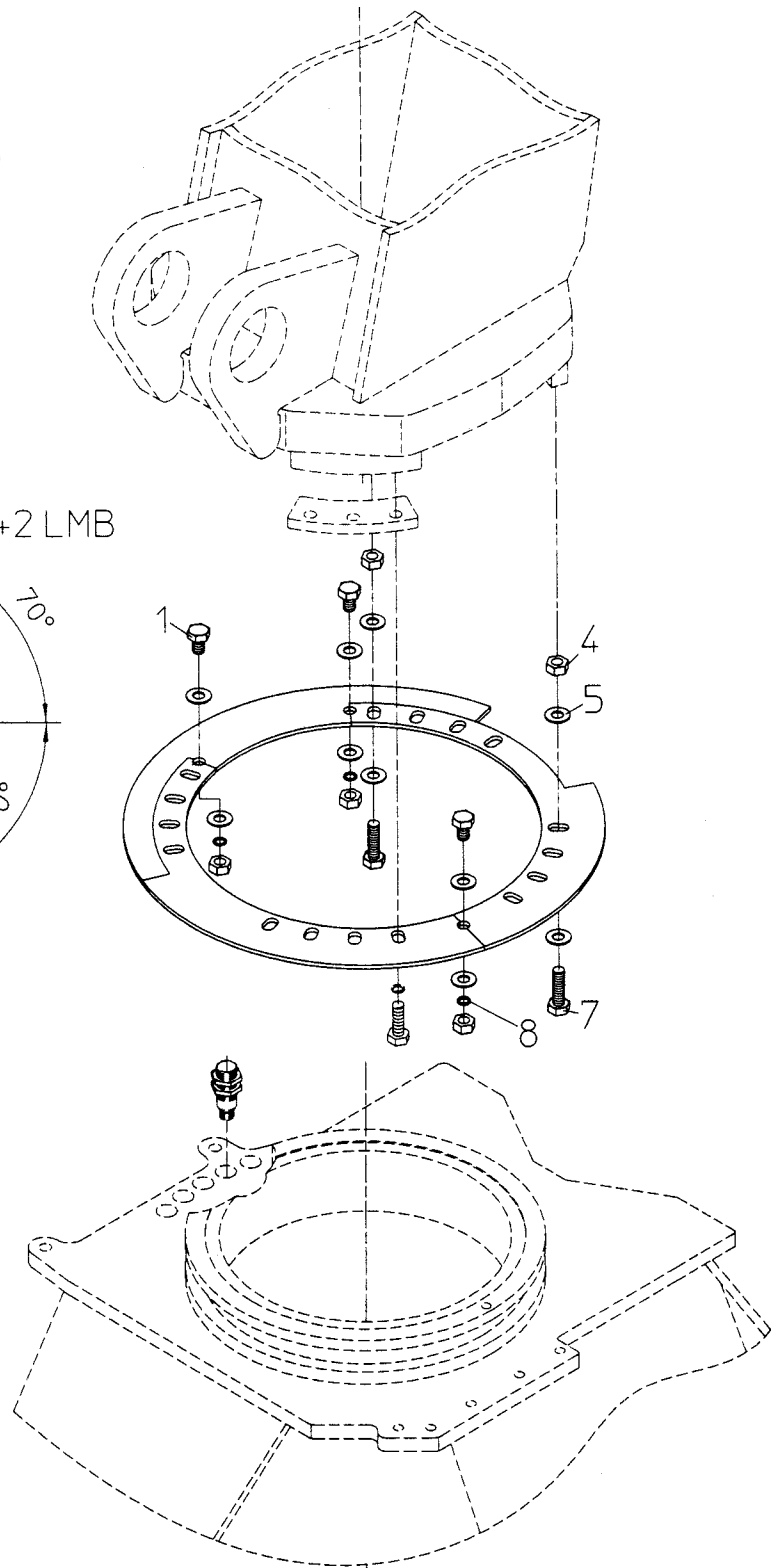
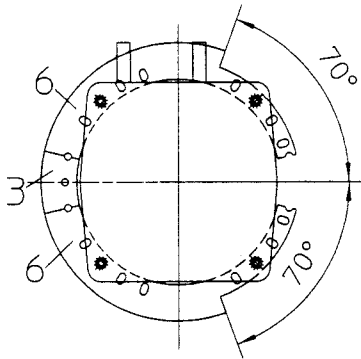
	62 37 640	KIT-HDL 2	
1.	30 131	SET SCREW M8X16	2
2.	31 155	SPRING WASHER 8MM	2
3.	62 39 404	BRACKET	1
4.	59 904	SOLENOID 24V	1
5.	59 018	VALVE-HDL 2	1
6.	25 834	SCR IN CONN JIC F40XS18/20-3/4	2
8.	25 840	CONN JIC C40XS25-3/4	1
9.	62 965	HOSE JIC 3/4X800 O/O	1
10.	62 912	HOSE JIC 5/8X650 O/V	1
11.	25 855	CONNECTION 25MM	1



CAM DISCS

	62 56 050	CE CAM DISCS 2.1	
1.	30 153	SET SCREW M10X16	3
3.	68 83 744	CAM DISC	
4.	30 858	NUT M10	5
5.	31 172	WASHER 10MM	10
6.	68 83 764	CAM DISC HS	2
7.	30 157	SET SCREW M10X35	2
8.	31 156	SPRING WASHER 10MM	3

TS,STD,STDRC+2 LMB



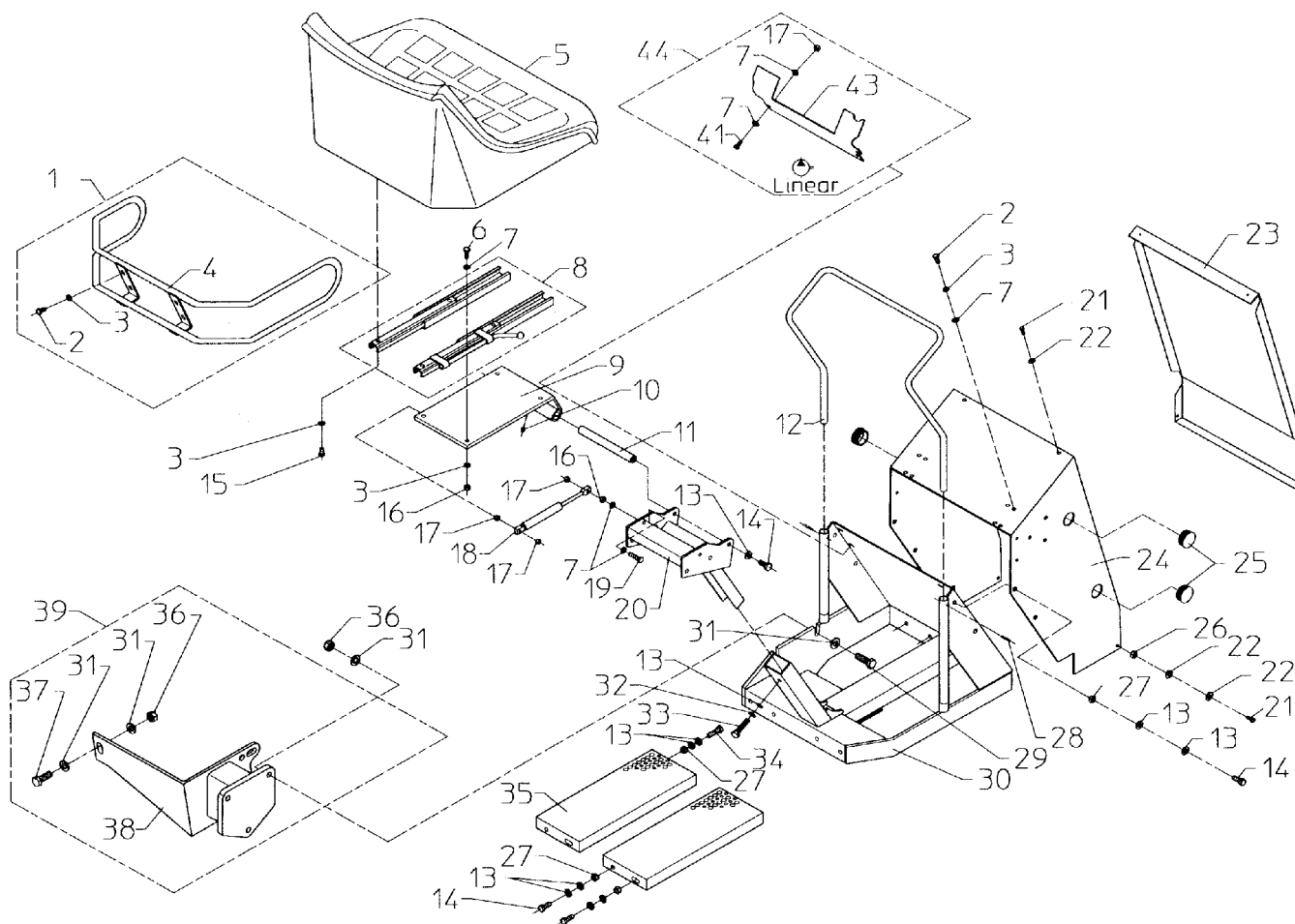
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TOP SEAT MTG-VII

62 71 080	TOP SEAT VII	
1. 68 78 000	ARNREST	1
2. 30 131	SET SCREW M8X16	
3. 31 155	SPRING WASHER 8MM	
4. 24 107	ARMREST 68 78 013	
5. 24 102	SEAT 55903	1
6. 30 133	SET SCREW M8X22	4
7. 31 147	WASHER 16X8.4X1.6	
8. 24 101	SLIDE BAR	1
9. 68 74 914	SEAT BRACKET	1
10. 31 324	ZERK 1/4UNF	1
11. 64 071	PIN 68 74 954	1
12. 68 78 094	CLAMP	1
13. 31 177	WASHER 21X10.5X2	19
14. 30 155	SET SCREW M10X25	12
15. 30 925	SCREW M8X16	4
16. 30 856	NUT M8	5
17. 30 886	LOCK NUT M8	
18. 48 413	GAS SPRING	1
19. 30 232	SET SCREW	1

PARTS-75

20. 68 77 223	SEAT BRACKET	1
21. 30 112	SET SCREW M6X16	4
22. 32 302	WASHER 6MM	6
23. 61 79 022	PROTECTIVE PLATE	1
24. 61 79 011	PROTECTIVE PLATE	1
25. 64 501	PLASTIC PLUG RM199214	3
26. 30 884	LOCK NUT M6	2
27. 30 888	LOCK NUT M10	12
28. 31 204	RETAINING PIN Ø4X30	2
29. 30 208	SET SCREW M14X45	3
30. 68 77 262	FRAME	1
31. 31 178	WASHER 28X15X2.5	
32. 31 156	SPRING WASHER 10MM	1
33. 30 159	SET SCREW M10X50	1
34. 30 157	SET SCREW M10X35	2
35. 46 512	STEP 150X400X45MM	2
36. 30 891	LOCK NUT M14	
37. 30 207	SET SCREW M14X40	
38. 62 34 643	BRACKET	
39. 62 59 790	TS-BRACKET-COMPLETE	1
41. 30 132	SET SCREW M8X20	
43. 62 73 163	COVER PLATE 1-CIRC, LIN	
44. 62 58 480	COVER PLATE 1-CIRC, LIN	



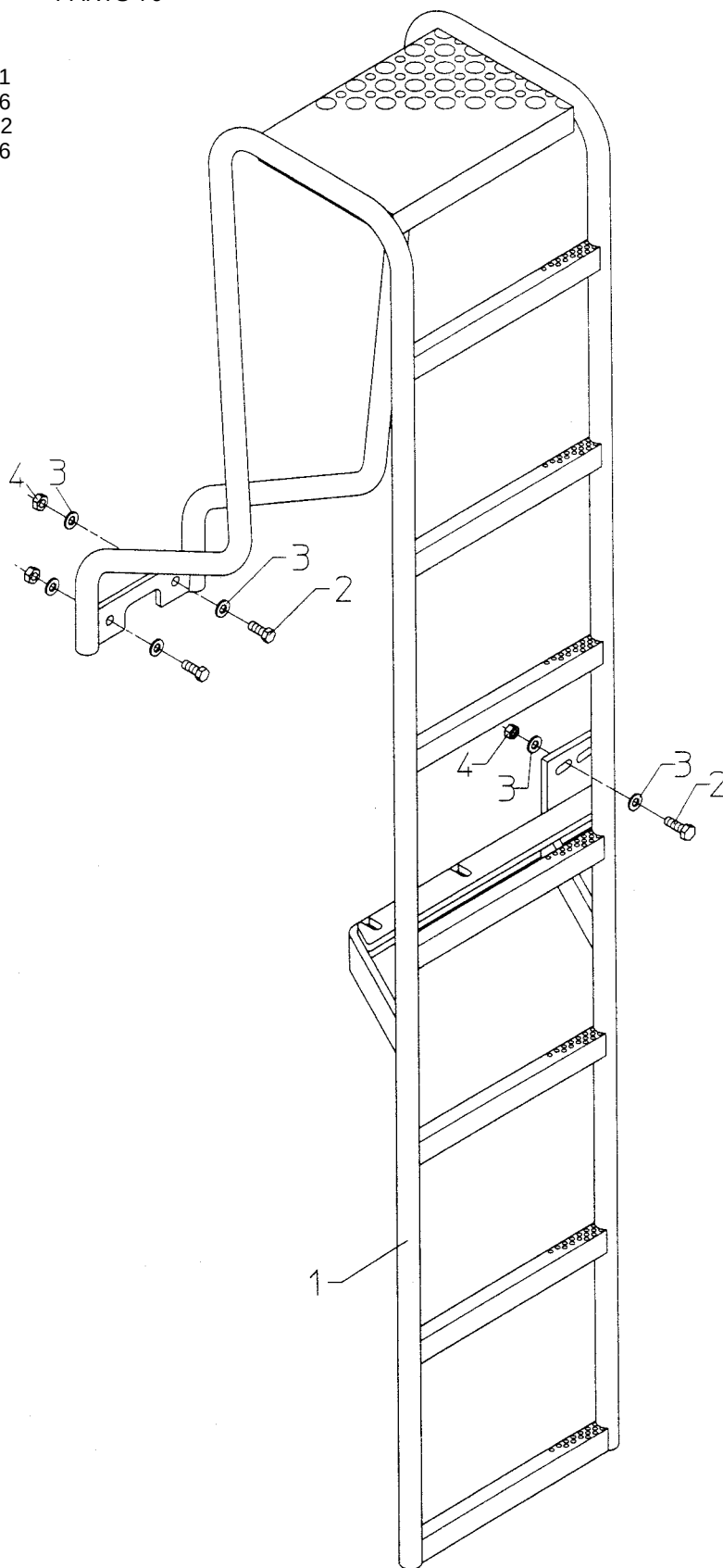
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PARTS-76

LADDER

- | | | |
|----|-----------|------------------|
| | 62 39 130 | LADDER |
| 1. | 62 38 942 | LADDER |
| 2. | 30 156 | SET SCREW M10X30 |
| 3. | 31 177 | WASHER 21X10.5X2 |
| 4. | 30 888 | LOCK NUT M10 |

- | |
|----|
| 1 |
| 6 |
| 12 |
| 6 |

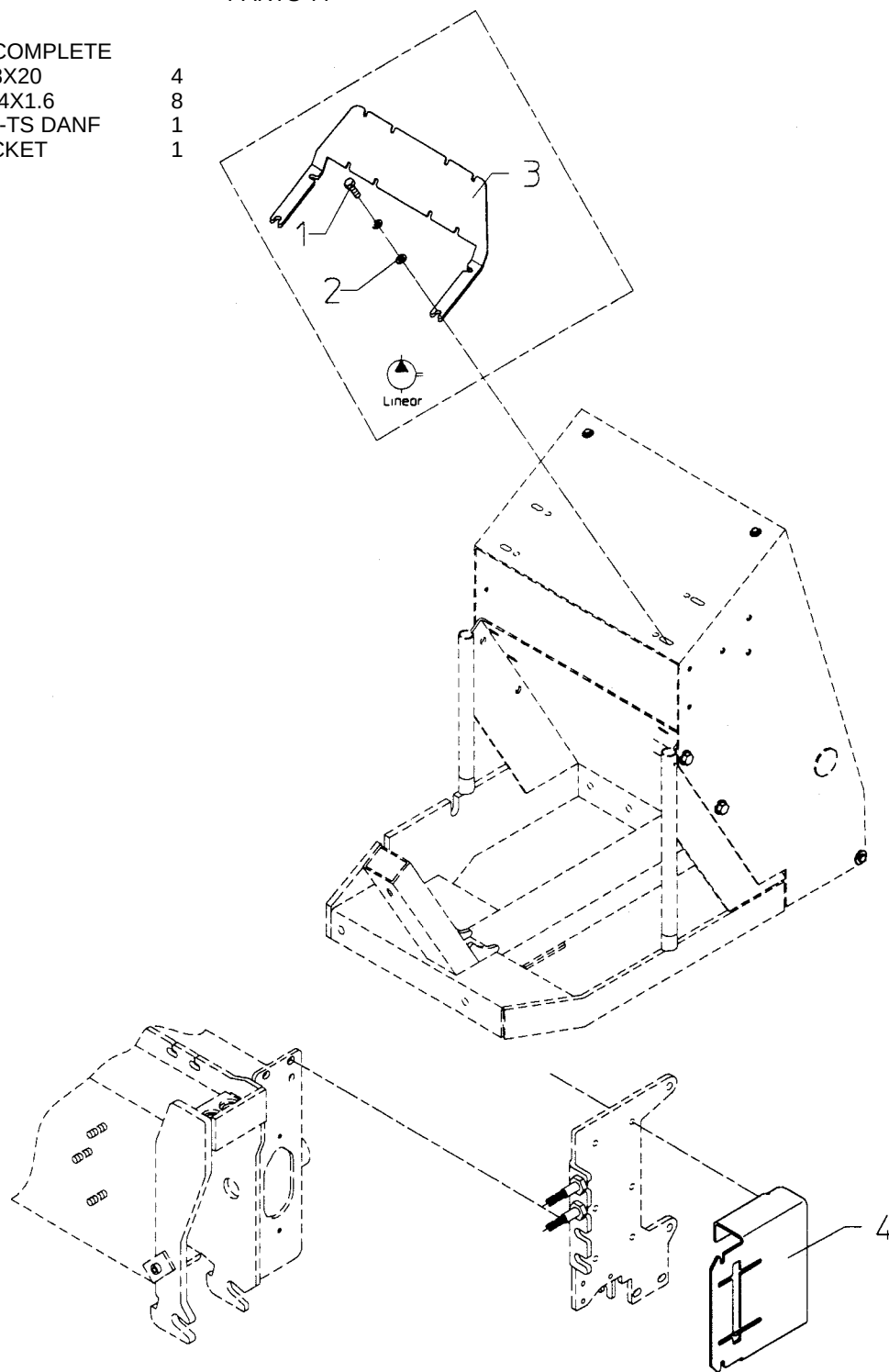


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RCL FITTINGS-COMPLETE

- | | |
|--------------|-----------------------|
| 62 85 820 | RCL FITTINGS-COMPLETE |
| 1. 30 132 | SET SCREW M8X20 |
| 2. 31 147 | WASHER 16X8.4X1.6 |
| 3. 70 00 643 | RCL 5200 FTGS-TS DANF |
| 4. 63 50 853 | RCL 5020 BRACKET |

PARTS-77



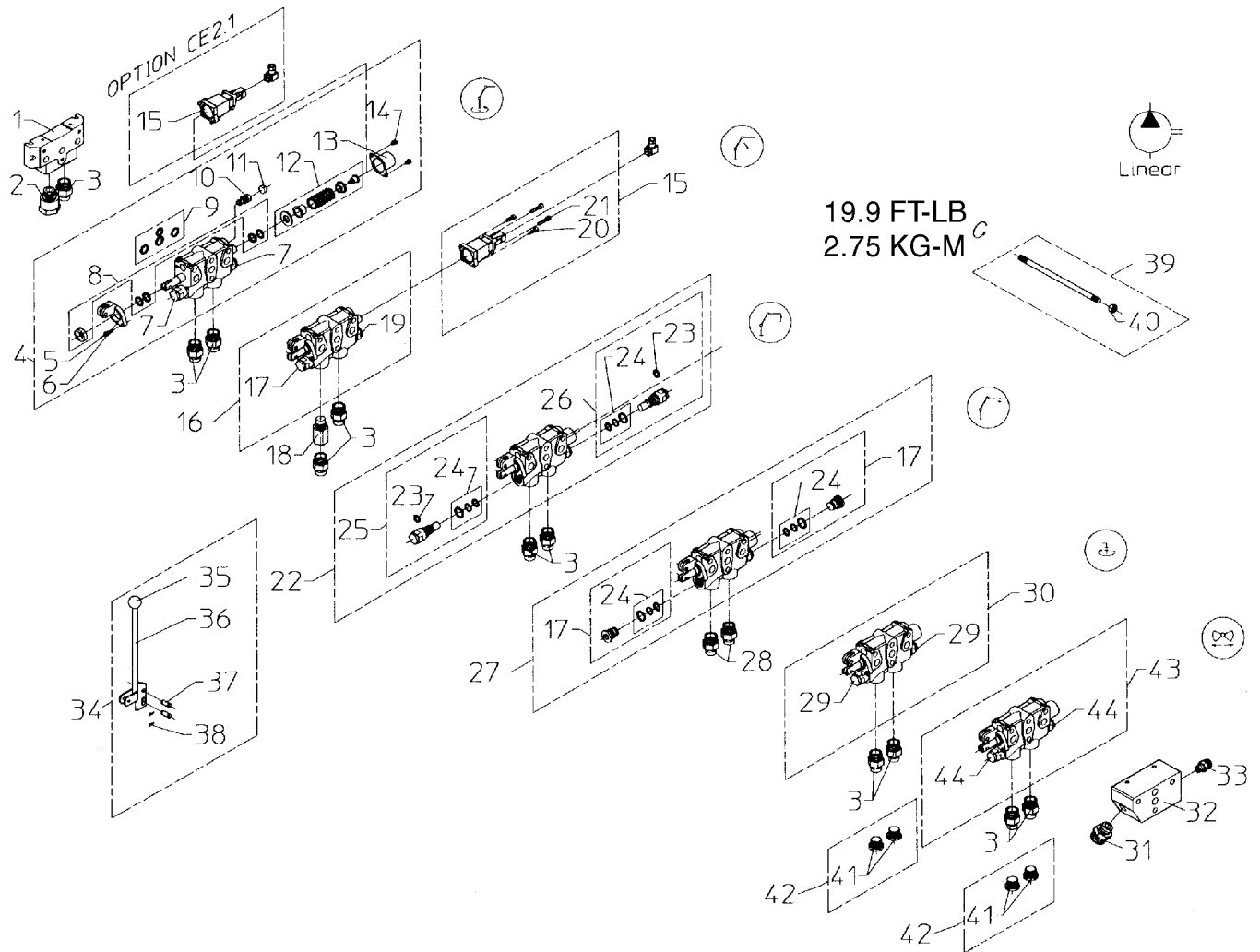
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VALVE GROUP-1 CIRCUIT-LINEAR-TS

	66 48 310	VB 6SECT CE2.0	
	66 48 320	VB 6SECT CE2.1	
1.	61 426	OUTLET SECTION	
2.	61 21 944	REDUCING CONN R1/2/R3/4	1
3.	25 108	CONN P-GEV12LR 1/2WD	11
4.	61 554	CTRL VALVE EXCL LEVER	
5.	30 420	SCREW MC5X14	
6.	61 362	LEVER BRACKET	
7.	61 670	RELIEF/ANTICAV VALVE 175BAR	
8.	61 365	SEAL KIT	
9.	61 490	SEAL KIT	
10.	61 480	CHECK VALVE	
11.	61 688	PLUG	
12.	61 482	SPRING KIT	
13.	61 353	COVER	
14.	31 596	SCREW MC5X6	
15.	59 594	SPOOL SENSOR KIT	
16.	59 575	CTRL VALVE + SENSOR 1K	
17.	61 479	PLUG	
18.	60 295	FLOW CTRL VLV FKA162-50.1	1
19.	59 595	RELIEF/ANTICAV VLV 70BAR	
20.	30 433	SCREW MC5X16	

PARTS-78

21.	30 425	SCREW MC5X30	
22.	59 198	CTRL VALVE EXCL LEVER	
23.	20 121	O-RING 13.3X2.4	
24.	61 493	SEAL KIT	
25.	61 476	RELIEF/AVTICAV V 150BAR	
26.	59 618	PORT RELIEF VALVE 290BAR	
27.	59 172	CTRL VALVE EXCL LEVER 4K	
28.	26 334	CONN P-GEV16SR-WD	2
29.	61 469	PORT RELIEF VALVE 200BAR	
30.	58 825	CTRL VALVE EXCL LEVER 1K9	
31.	26 221	CONN GA20SR 1/2"	
32.	62 73 173	INTERMEDIATE SECT 1-CIRC	
33.	25 195	CONN P-GEV12L/R1/4WD	1
34.	68 75 270	CTRL LEVER-LG	
35.	64 262	BALL Ø32X10MM	12
36.	66 31 174	CTRL LEVER	
37.	61 364	PIN	12
38.	61 320	PIN LOCK	24
39.	59 585	KIT-STAY BOLTS 6SECT 334MM	
40.	30 888	LOCK NUT M10	
41.	61 366	PLUG 1/2BSP	
42.	62 73 450	PLUGS+WASHERS 2X	
43.	58 824	CTRL VALVE EXCL LEVER	
44.	61 464	PORT RELIEF VALVE 250BAR	



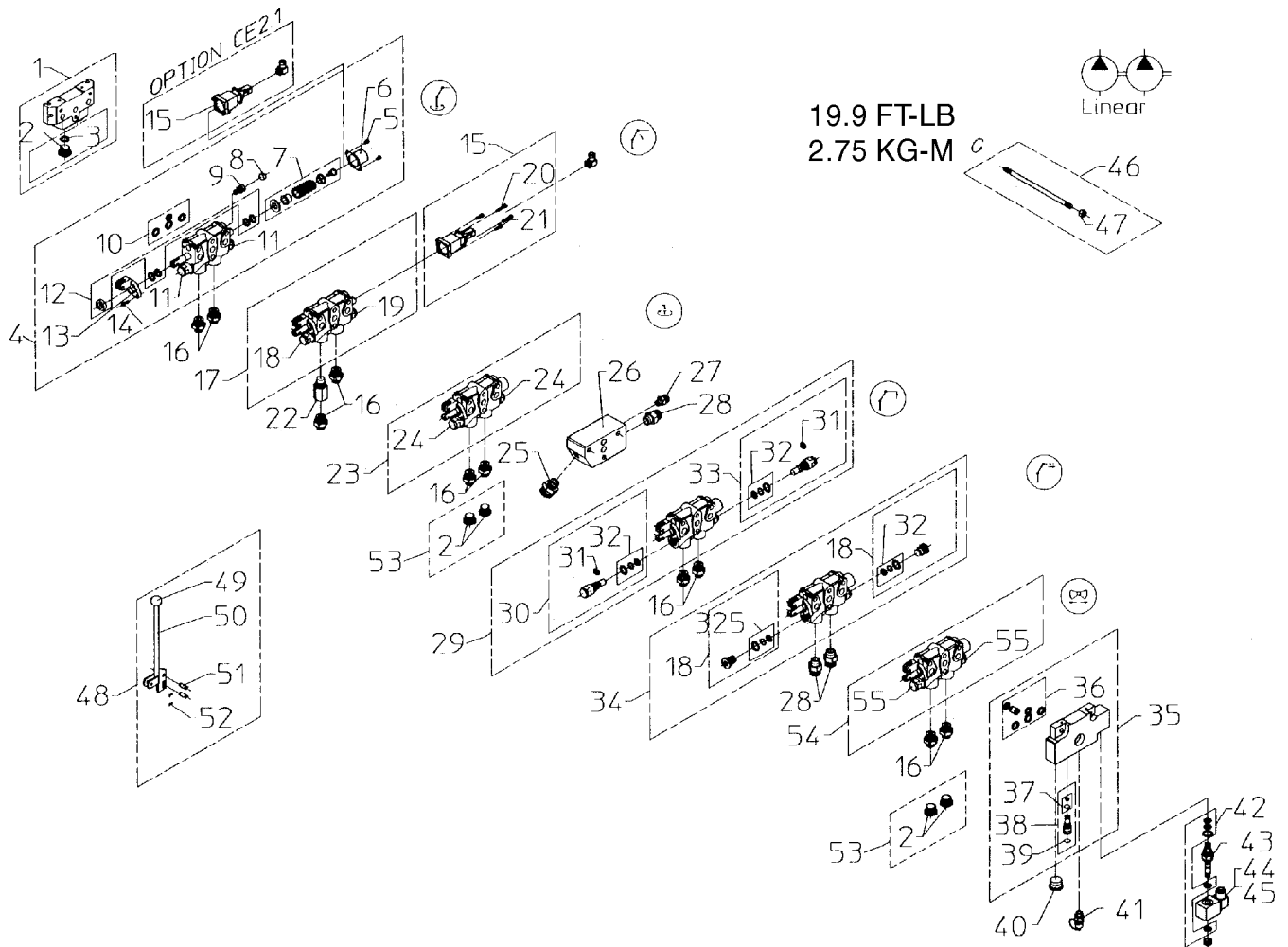
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VALVE GROUP-2 CIRCUIT-LINEAR

	66 48 330	VB 6SECT CE2.0	
	66 48 340	VB 6SECT CE2.1	
1.	61 426	OUTLET SECTION	
2.	61 366	PLUG 1/2BSP	
3.	20 129	O-RING 17.3X2.4	
4.	61 554	CTRL VALVE EXCL LEVER	
5.	31 596	SCREW MC5X6	
6.	61 353	COVER	1
7.	61 482	SPRING KIT	
8.	61 688	PLUG	
9.	61 480	CHECK VALVE	
10.	61 490	SEAL KIT	
11.	61 670	RELIEF/ANTICAV VALVE 175BAR	
12.	61 365	SEAL KIT	
13.	61 362	LEVER BRACKET	
14.	30 420	SCREW MC5X14	
15.	59 594	SPOOL SENSOR KIT	
16.	25 108	CONN P-GEV12LR 1/2WD	10
17.	59 575	CTRL VALVE + SENSOR 1K	
18.	61 479	PLUG	
19.	59 595	RELIEF/ANTICAV VLV 70BAR	
20.	30 425	SCREW MC5X30	
21.	30 433	SCREW MC5X16	
22.	60 295	FLOW CTRL VLV FKA162-50.1	1
23.	58 825	CTRL VALVE EXCL LEVER 1K9	
24.	61 469	PORT RELIEF VALVE 200BAR	
25.	26 221	CONN GA20SR 1/2"	1

PARTS-79

26.	62 72 482	INTERMEDIATE SECTION	
27.	25 195	CONN P-GEV12L/R1/4WD	1
28.	26 334	CONN P-GEV16SR-WD	3
29.	59 198	CTRL VALVE EXCL LEVER	
30.	61 476	RELIEF/AVTICAV V 150BAR	
31.	20 121	O-RING 13.3X2.4	
32.	61 493	SEAL KIT	
33.	59 618	PORT RELIEF VALVE 290BAR	
34.	59 172	CTRL VALVE EXCL LEVER 4K	
35.	59 110	INLET SECTION	
36.	61 782	SEAL KIT	
37.	61 749	SEAL KIT	
38.	59 245	RELIEF VALVE	
39.	59 237	WASHER	
40.	26 355	PLUG VS-R-3/4WD	1
41.	26 103	PR GAUGE CONN 1/4RG	1
42.	61 779	SEAL KIT	
43.	59 642	NMAGNETIC CARTRIDGE	
44.	61 777	SOLENOID 12V	
45.	61 778	SOLENOID 26V	
46.	59 588	STAY BOLT 6SECT 361MM	
47.	30 888	LOCK NUT M10	
48.	68 75 270	CTRL LEVER-LG	
49.	64 262	BALL Ø32X10MM	
50.	66 31 174	CTRL LEVER	6
51.	61 364	PIN	12
52.	61 320	PIN LOCK	24
53.	62 73 450	PLUGS+WASHERS 2X	
54.	58 824	CTRL VALVE EXCL LEVER	
55.	61 464	PORT RELIEF VALVE 250BAR	



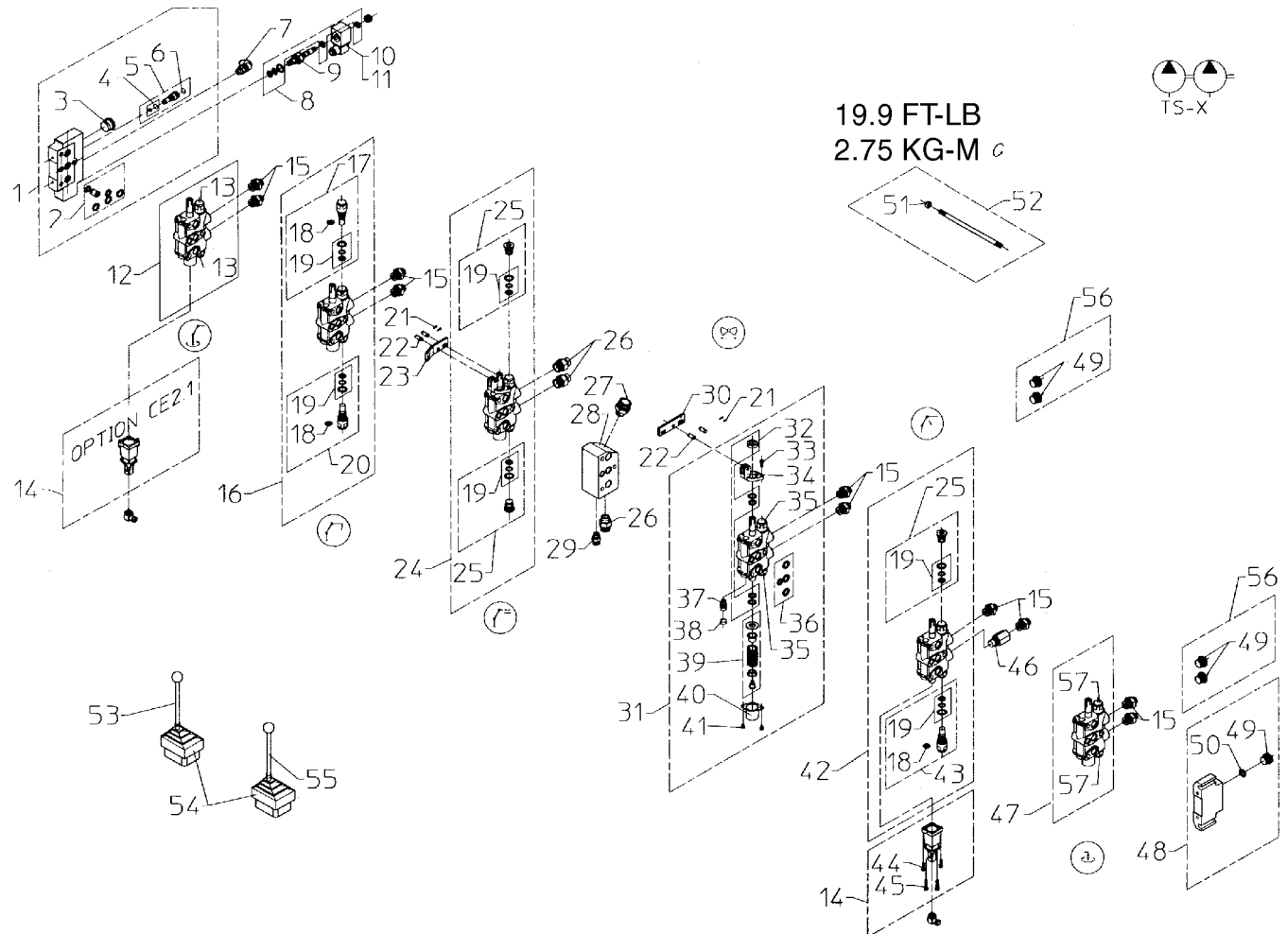
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VALVE GROUP-2 CIRCUIT-TS-X

	66 48 350	VB 2CIRC CE2.0	
	66 48 360	VB 2CIRC CE2.1	
1.	59 110	INLET SECTION	
2.	61 782	SEAL KIT	
3.	26 355	PLUG VS-R-3/4WD	
4.	61 749	SEAL KIT	
5.	59 245	RELIEF VALVE	
6.	59 237	WASHER	
7.	26 103	PR GAUGE CONN 1/4RG	1
8.	61 779	SEAL KIT	
9.	59 642	MAGNETIC CARTRIDGE	
10.	61 777	SOLENOID 12V	
11.	61 778	SOLENOID 26V	
12.	59 541	CTRL VALVE EXCL LEVER 1M9	
13.	61 670	RELIEF/ANTICAV VALVE 175BAR	
14.	59 594	SPOOL SENSOR KIT	
15.	25 108	CONN P-GEV12LR 1/2WD	10
16.	59 196	CTRL VALVE EXCL LEVER	
17.	61 476	RELIEF/ANTICAV V 150BAR	
18.	20 121	O-RING 13.3X2.4	
19.	61 493	SEAL KIT	
20.	59 618	PORT RELIEF VALVE 290BAR	
21.	61 320	PIN LOCK	8
22.	61 364	PIN	4
23.	68 60 384	BRACKET	1
24.	59 172	CTRL VALVE EXCL LEVER 4K	
25.	61 479	PLUG	
26.	26 334	CONN P-GEV16SR-WD	3
27.	26 221	CONN GA20SR 1/2"	1

PARTS-80

28.	62 72 482	INTERMEDIATE SECTION	
29.	25 195	CONN P-GEV12L/R1/4WD	1
30.	68 74 924	FITTINGS	1
31.	58 824	CTRL VALVE EXCL LEVER	
32.	61 365	SEAL KIT	
33.	30 420	SCREW MC5X14	
34.	61 362	LEVER BRACKET	
35.	61 464	PORT RELIEF VALVE 250BAR	
36.	61 490	SEAL KIT	
37.	61 480	CHECK VALVE	
38.	61 688	PLUG	1
39.	61 482	SPRING KIT	
40.	61 353	COVER	
41.	31 596	SCREW MC5X6	
42.	59 197	CTRL VALVE EXCL LEVER	
43.	59 595	RELIEF/ANTICAV VALVE 70BAR	
44.	30 433	SCREW MC5X16	
45.	30 425	SCREW MC5X30	
46.	60 295	FLOW CTRL VLV FKA162-50.1	1
47.	58 826	CTRL VALVE EXCL LEVER	
48.	61 426	OUTLET SECTION	
49.	61 366	PLUG 1/2BSP	
51.	30 888	LOCK NUT M10	
52.	59 588	STAY BOLT 6SECT 361MM	
53.	61 769	LEVER-LEFT	
54.	61 788	LEVER BELLOWS	
55.	61 770	LEVER-RH	
56.	62 73 450	PLUGS+WASHERS 2X	
57.	61 469	PORT RELIEF VALVE 200BAR	



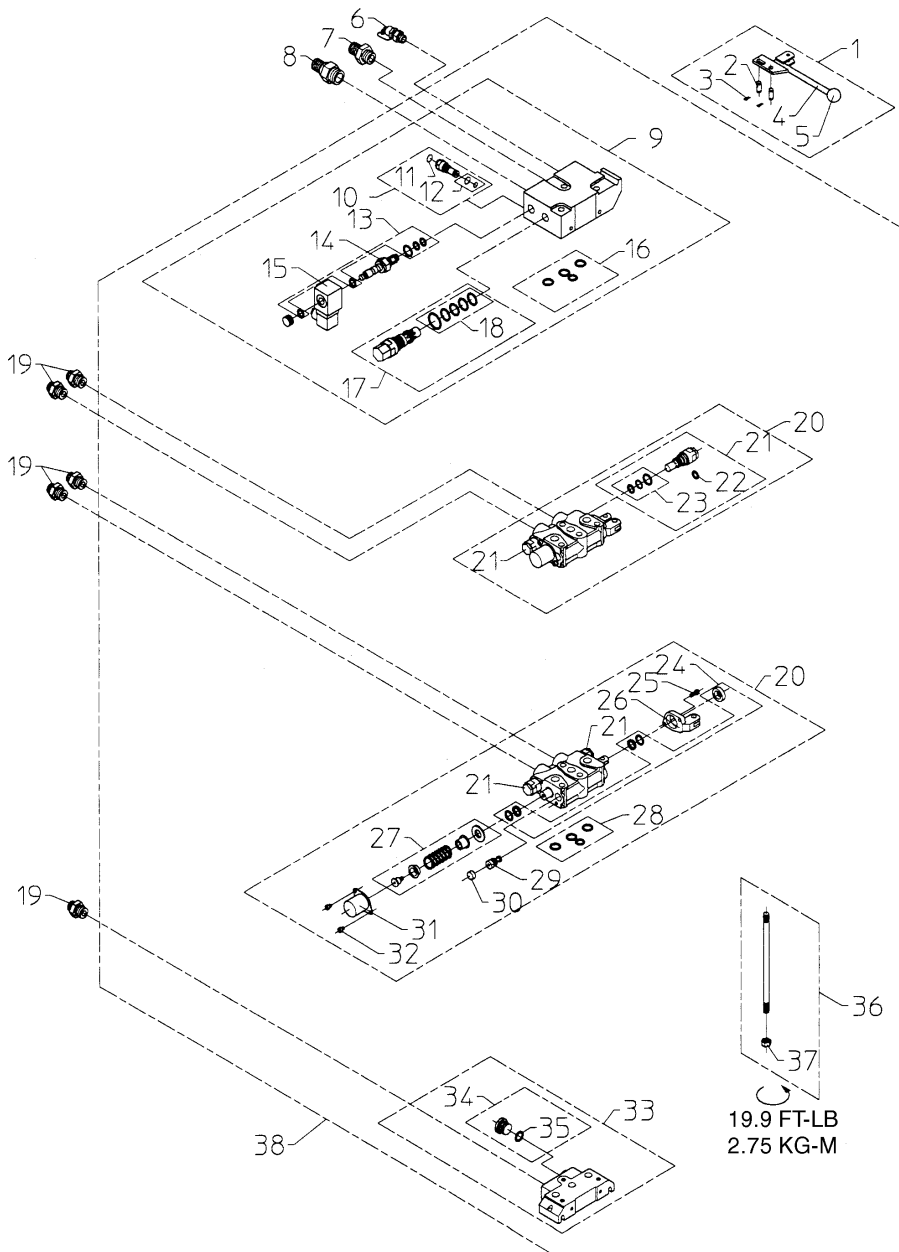
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VALVE GROUP-2F

66 48 370	STABILIZER VALVE BLOCK	
1. 66 31 270	CTRL LEVER-SHORT	2
2. 61 364	PIN	
3. 61 320	PIN LOCK	
4. 66 31 134	CTRL LEVER-SV SHORT	
5. 64 262	BALL Ø32X10MM	
6. 26 103	PR GAUGE CONN 1/4RG	1
7. 26 221	CONN GA20SR 1/2	
8. 26 197	CONN P-GEV20SR-WD	1
9. 59 530	INLET SECTION	
10. 59 242	RELIEF VALVE	
11. 61 786	WASHER	
12. 59 236	SEAL KIT	
13. 61 779	SEAL KIT	
14. 59 642	MAGNETIC CARTRIDGE	
15. 61 778	SOLENOID 26V	
16. 61 782	SEAL KIT	
17. 61 783	FLOW CTRL VALVE	
18. 61 774	SEAL KIT	

PARTS-81

19. 25 108	CONN P-GEV12LR 1/2WD	5
20. 61 401	CTRL VALVE EXCL LEVER 1K9	
21. 61 466	PORT RELIEF 125BAR	
22. 20 121	O-RING 13.3X2.4	
23. 61 493	SEAL KIT	
24. 61 365	SEAL KIT	
25. 30 420	SCREW MC5X14	
26. 61 362	LEVER BRACKET	
27. 61 482	SPRING KIT	
28. 61 490	SEAL KIT	
29. 61 480	CHECK VALVE	
30. 61 688	PLUG	
31. 61 353	COVER	
32. 31 596	SCREW MC5X6	
33. 61 414	OUTLET SECTION	
34. 61 366	PLUG 1/2BSP	
35. 20 129	O-RING 17.3X2.4	
36. 59 581	STAY BOLT 2SECT 162MM	
37. 30 888	LOCK NUT M10	
38. 59 538	VALVE BLOCK	1



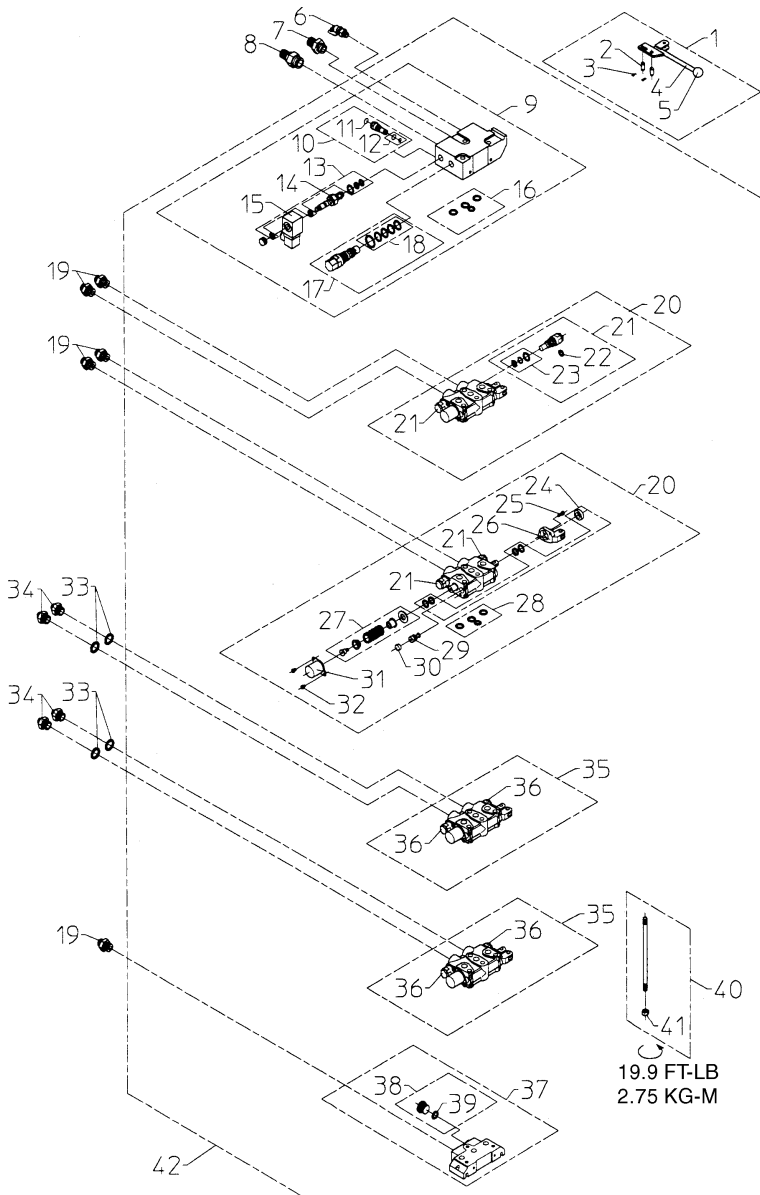
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VALVE GROUP- 4F

	66 48 380	STABILIZER VALVE BLOCK	
1.	66 31 270	CTRL LEVER-SHORT	4
2.	61 364	PIN	
3.	61 320	PIN LOCK	
4.	66 31 134	CTRL LEVER-SV SHORT	
5.	64 262	BALL Ø32X10MM	
6.	26 103	PR GAUGE CONN 1/4RG	1
7.	26 221	CONN GA20SR 1/2	1
8.	26 197	CONN P-GEV20SR-WD	1
9.	59 530	INLET SECTION	
10.	59 242	RELIEF VALVE	
11.	61 786	WASHER	
12.	59 236	SEAL KIT	
13.	61 779	SEAL KIT	
14.	59 642	MAGNETIC CARTRIDGE	
15.	61 778	SOLENOID 26V	
16.	61 782	SEAL KIT	
17.	61 783	FLOW CTRL VALVE	
18.	61 774	SEAL KIT	
19.	25 108	CONN P-GEV12LR 1/2WD	5
20.	61 401	CTRL VALVE EXCL LEVER 1K9	

PARTS-82

21.	61 466	PORT RELIEF 125BAR	
22.	20 121	O-RING 13.3X2.4	
23.	61 493	SEAL KIT	
24.	61 365	SEAL KIT	
25.	30 420	SCREW MC5X14	
26.	61 362	LEVER BRACKET	
27.	61 482	SPRING KIT	
28.	61 490	SEAL KIT	
29.	61 480	CHECK VALVE	
30.	61 688	PLUG	
31.	61 353	COVER	
32.	31 596	SCREW MC5X6	
33.	21 106	SEAL WASHER Ø21.5X28.7X2.5	4
34.	61 34 364	RED. CONN 1/2RG/M14X1.5	4
35.	61 508	CTRL VALVE EXCL LEVER 1K9	
36.	61 533	PORT RELIEF VALVE 70BAR	
37.	61 414	OUTLET SECTION	
38.	61 366	PLUG 1/2BSP	
39.	20 129	O-RING 17.3X2.4	
40.	59 581	STAY BOLT 2SECT 162MM	
41.	30 888	LOCK NUT M10	
42.	59 539	VALVE BLOCK	1



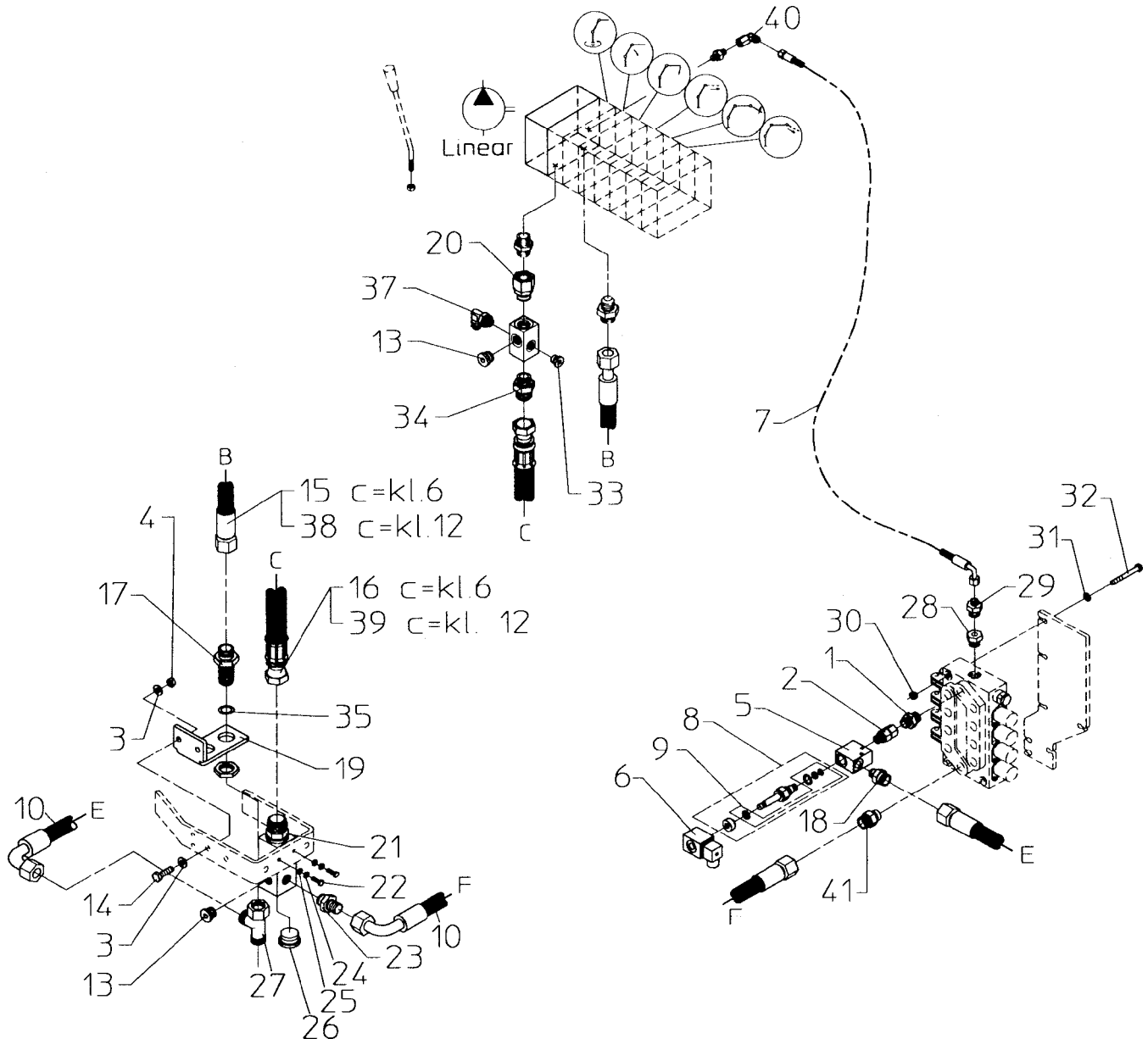
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HYD SYS-PUMP & RETURN PIPING

	62 85 750	PUMP/RETURN PIPING-DANFOSS	
1.	25 108	CONN P-GEV12LR 1/2WD	1
2.	25 240	CONN EGESD12LR-WD	1
3.	31 177	WASHER 21X10.5X2	16
4.	30 888	LOCK NUT M10	8
5.	59 771	VALVE HOUSING	1
6.	61 777	SOLENOID 12V	1
7.	62 874	HOSE JIC 1/4X3700 V/O	1
8.	59 025	MAGNETIC CARTRIDGE	1
9.	61 779	SEAL KIT	
10.	62 914	HOSE JIC 5/8X1000 O/V	2
13.	25 103	PLUG VS-R-1/2WD	
14.	30 157	SET SCREW M10X35	2
15.	62 913	HOSE JIC 5/8X2900 O/O	
16.	62 915	HOSE JIC 1X2700 O/O	
17.	25 862	BULKHD CONN	1
18.	25 787	CONN F4BX-S16-3/8	1
19.	62 58 654	FITTINGS	1
20.	25 279	CONN EGESD22LR-WD	1

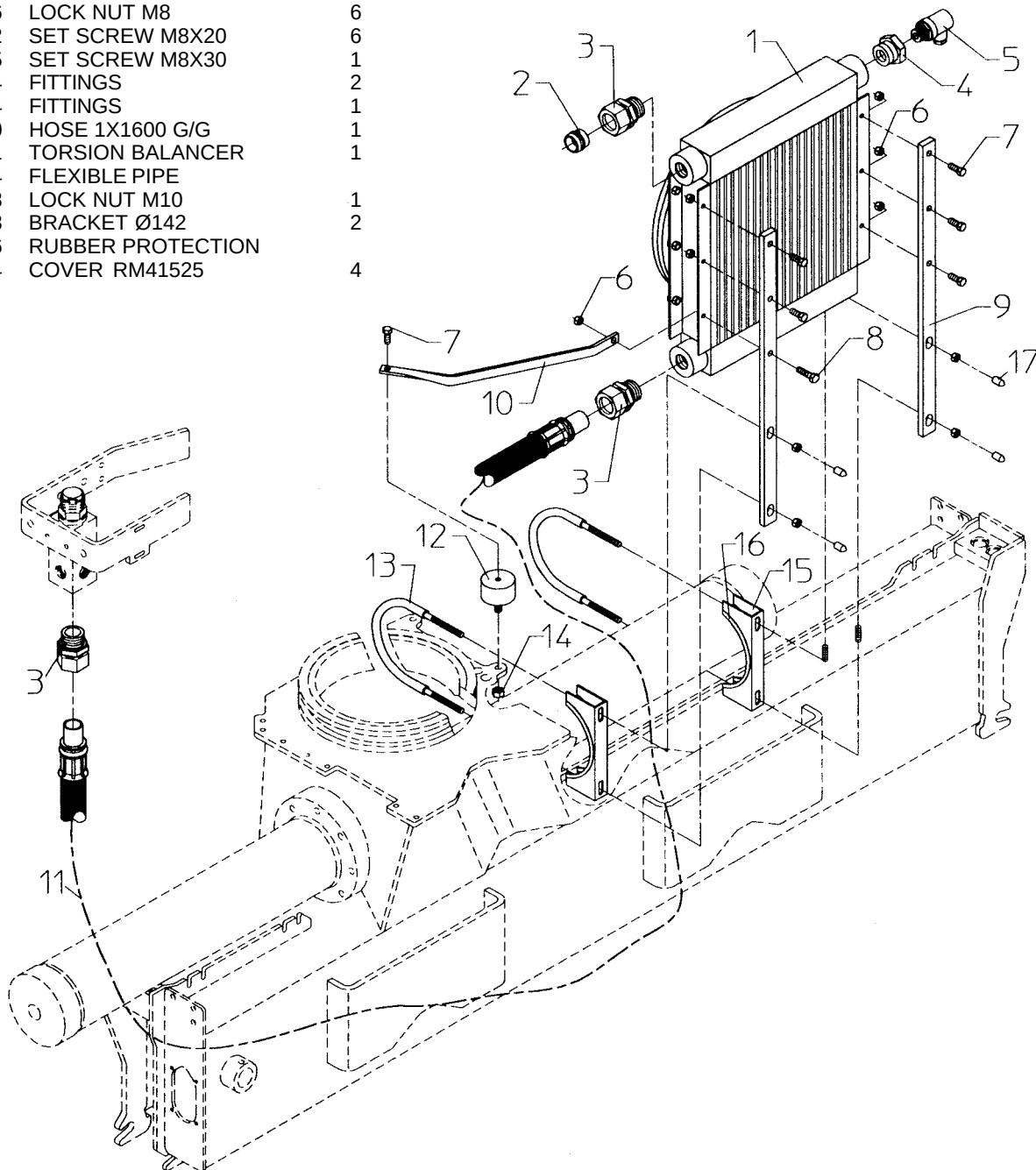
PARTS-84

21.	68 82 664	SWIVEL COUPLING	1
22.	30 113	SET SCREW M6X20	2
23.	25 861	CONN 18/20	1
24.	31 154	SPRING WASHER 6MM	2
25.	32 302	WASHER 6MM	2
26.	25 863	CONN 1"	1
27.	25 828	CONN JIC R6XS20	1
28.	25 180	CONN R1/2/R1/4	1
29.	25 829	CONN JIC F40XS8-1/4	1
30.	30 886	LOCK NUT M8	3
31.	31 147	WASHER 16X8.4X1.6	3
32.	30 142	STEEL BOLT M8X70	3
33.	25 277	PLUG VS-R-3/8WD	1
34.	25 836	SCR IN CONN JIC F40XS25-3/4	1
35.	20 278	O-RING 20X5	1
36.	59 355	RETURN BLOCK 61 76 874	1
37.	25 838	CONN JIC C40XS12-3/8	1
38.	62 963	HOSE JIC 5/8X3300 O/O	
39.	62 964	HOSE JIC 1X3050 O/O	
40.	25 826	CONN JIC C6XS8	1
41.	25 833	CONN JIC F40XS14/16-1/2	1



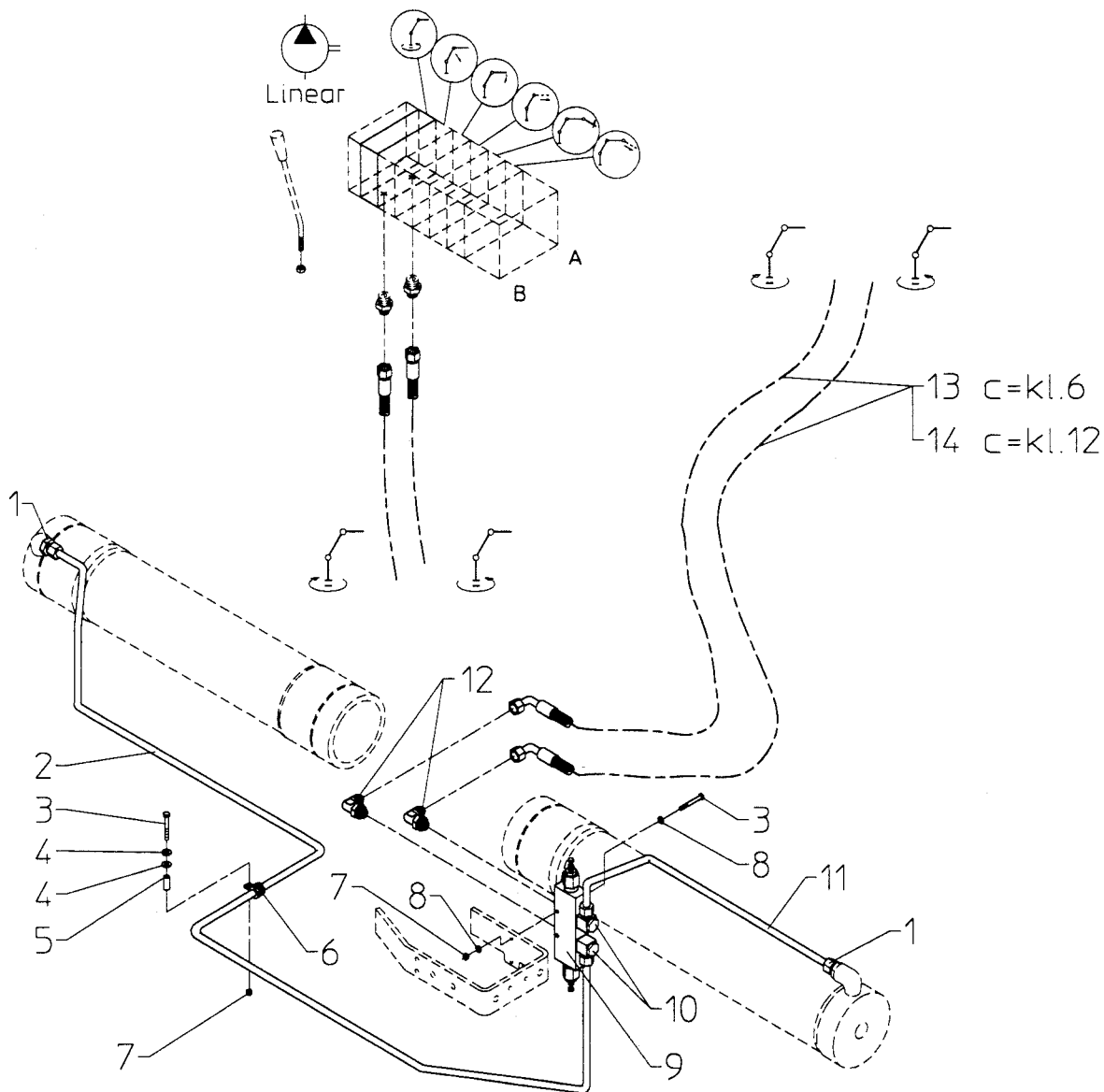
OIL COOLER

00 14 210	OIL COOLER KIT-COMPLETE	
1. 59 380	OIL COOLER	1
2. 26 347	PLUG VS28L	1
3. 26 163	CONN P-GEV28LR-WD	3
4. 25 227	RED. CONN R-1-WD/R1/2	1
5. 59 381	THERMOSTAT	1
6. 30 886	LOCK NUT M8	6
7. 30 132	SET SCREW M8X20	6
8. 30 135	SET SCREW M8X30	1
9. 62 37 774	FITTINGS	2
10. 62 36 744	FITTINGS	1
11. 00 19 100	HOSE 1X1600 G/G	1
12. 61 911	TORSION BALANCER	1
13. 27 234	FLEXIBLE PIPE	
14. 30 888	LOCK NUT M10	1
15. 31 818	BRACKET Ø142	2
16. 46 586	RUBBER PROTECTION	
17. 64 524	COVER RM41525	4



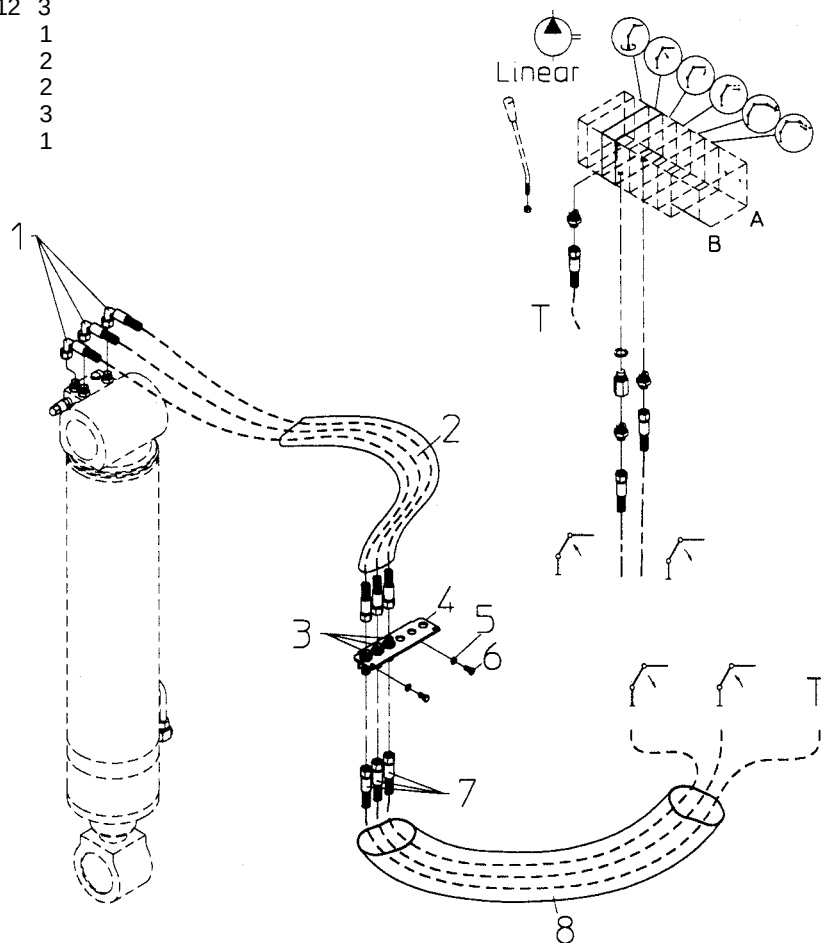
HYD SYS-TS SLEWING CYL

62 85 790	HYD PARTS-SLEWING SYS-LHV	
62 85 810	SLEWING HOSE KIT TS+TSPR	
1. 25 108	CONN P-GEV12LR 1/2WD	2
2. 62 72 374	PIPE-SWING	1
3. 30 119	STEEL BOLT M6X50	3
4. 31 134	WASHER 6MM	2
5. 61 14 244	PIPE	1
6. 27 974	CLIP SG306	1
7. 30 884	LOCK NUT M6	3
8. 32 302	WASHER 6MM	4
9. 59 977	LOAD HOLDING VALVE 2752-1	1
10. 25 130	BANJO CONN P-RSWV12LR	2
11. 62 72 364	PIPE-SWING	1
12. 25 838	CONN JIC C40XS12-3/8	2
13. 62 908	HOSE JIC 3/8X2800 O/O	2
14. 62 822	HOSE JIC 3/8X3150 O/O	2



HYD SYS-TS INNER BOOM CYL

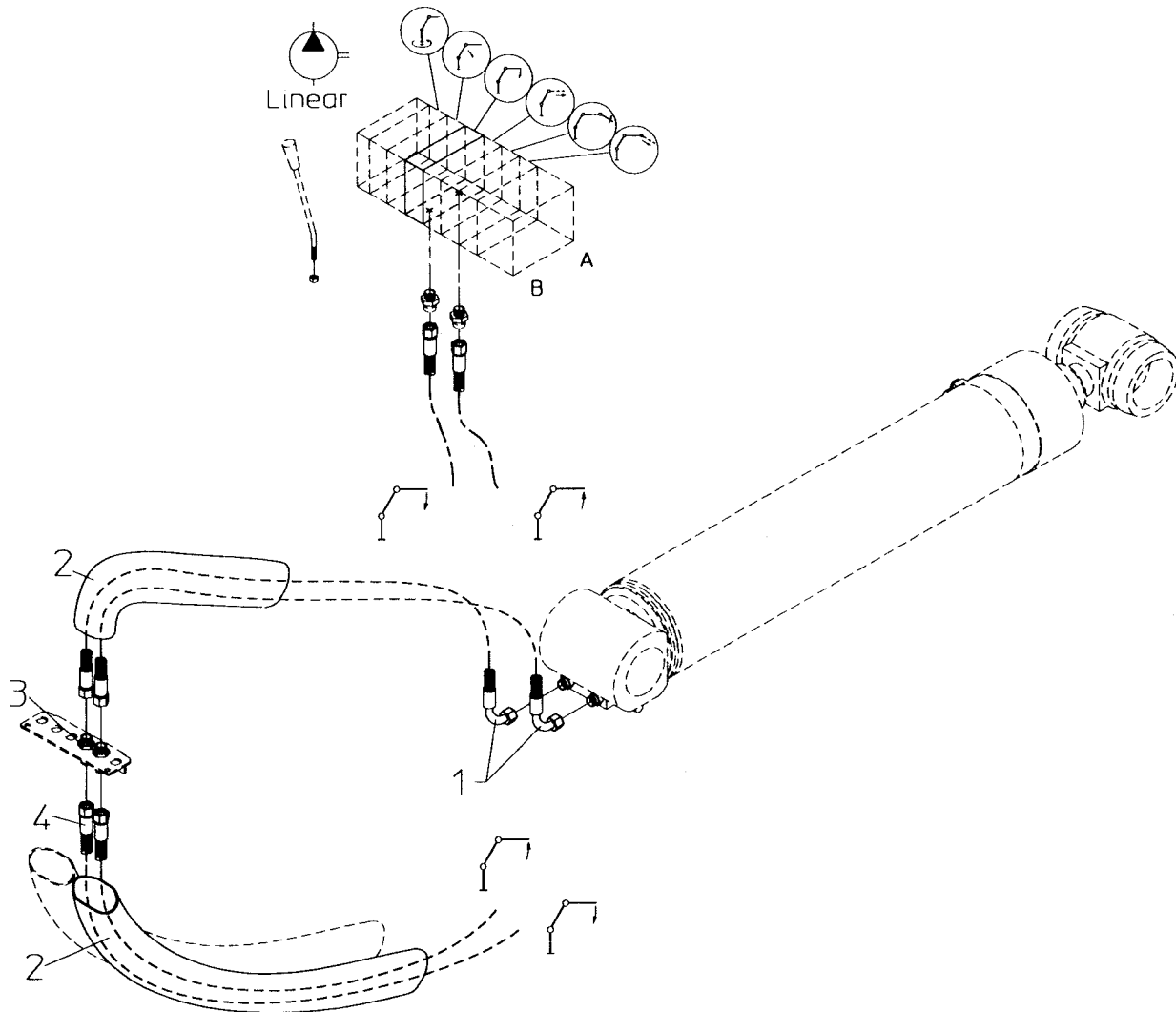
	62 85 830	HYD PARTS-BOOM CYL TS	
1.	62 858	HOSE JIC 3/8X1400 V/O	3
2.	62 635	PROT. COVER 120X1200MM	1
3.	25 824	BLKHD CONN JIC WTX-WLNS12	3
4.	62 57 674	HOSE BRACKET 6X12L	1
5.	31 155	SPRING WASHER 8MM	2
6.	30 131	SET SCREW M8X16	2
7.	62 878	HOSE JIC 3/8X1600 O/O	3
8.	62 634	PROT. COVER 150X1200MM	1



HYD SYS-TS OUTER (JIB) CYL

62 85 840 HYD PARTS-OUTER (JIB) CYL TS

- | | | | |
|----|--------|---------------------------|---|
| 1. | 62 907 | HOSE JIC 3/8X2000 O/V | 2 |
| 2. | 62 634 | PROT. COVER 145X1200MM | 2 |
| 3. | 25 824 | BLKHD CONN JIC WTX-WLNS12 | 2 |
| 4. | 62 878 | HOSE JIC 3/8X1600 O/O | 2 |



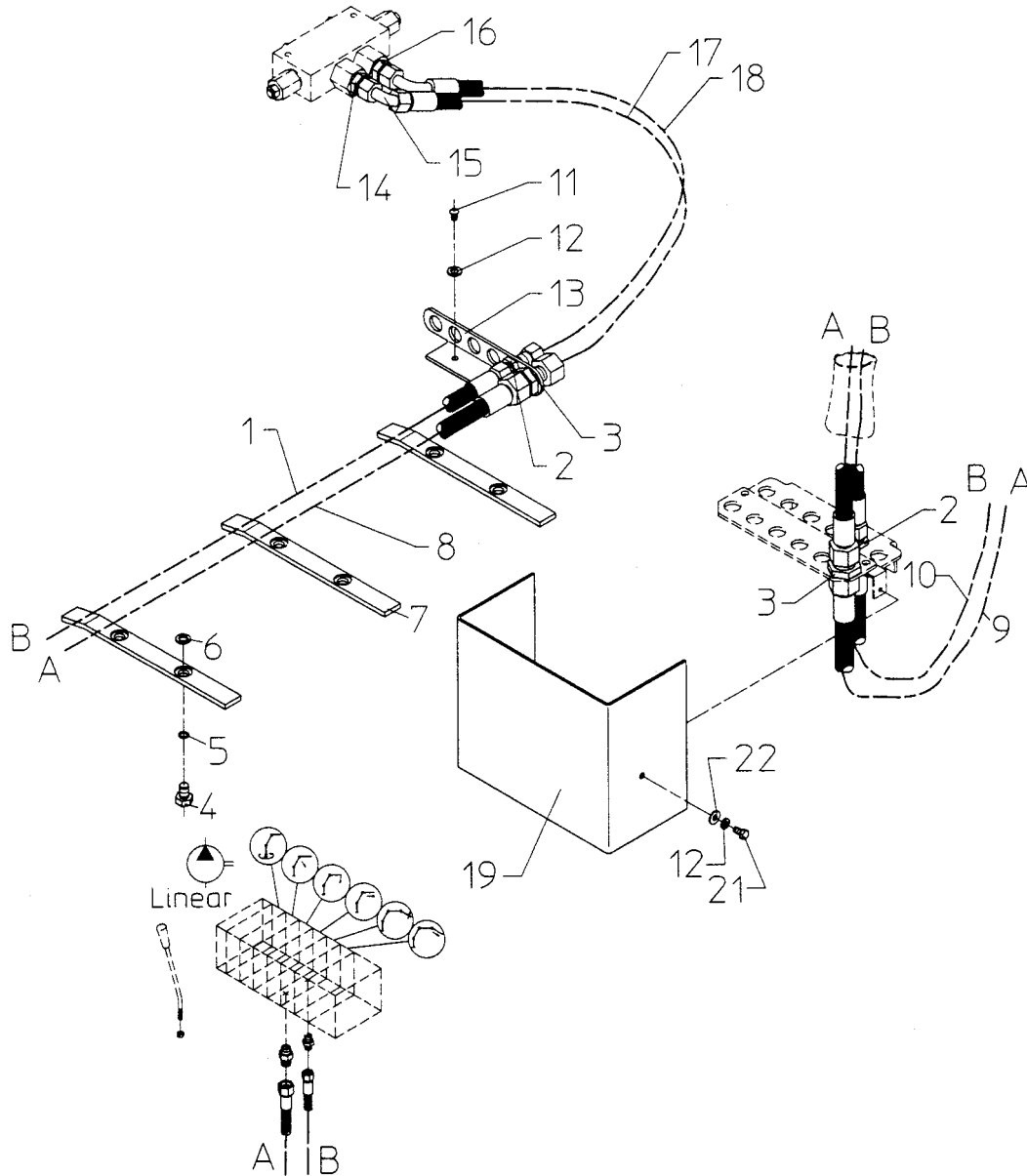
16/117: 516 11 360: 20001031

HYD SYS-TS EXT CYL

	62 85 850	HYD PARTS-EXT CYL TS	
1.	62 864	HOSE JIC 3/8X3900 O/O	1
2.	25 824	BLKHD CONN JIC WTX-WLNS12	2
3.	25 825	BLKHD CONN JIC WTX-WLNS14/16	2
4.	30 153	SET SCREW M10X16	6
5.	31 156	SPRING WASHER 10MM	6
6.	31 172	WASHER 10MM	6
7.	62 32 204	FITTINGS	3
8.	62 868	HOSE JIC 1/2X3900 O/O	1
9.	62 911	HOSE JIC 1/2X1600 O/O	1
10.	62 878	HOSE JIC 3/8X1600 O/O	1
11.	30 653	SCREW ULS 6X10	2
12.	31 154	SPRING WASHER 6MM	4

PARTS-89

13.	62 37 583	HOSE BRACKET	1
14.	26 334	CONN P-GEV16SR-WD	1
15.	25 839	CONN JIC C40XS14/16-1/2	1
16.	25 832	CONN JIC F40XS12-1/2	1
17.	62 866	HOSE JIC 1/2X850 O/O	1
18.	62 879	HOSE JIC 3/8X850 V/O	1
19.	62 39 003	PROT. PLATE	1
21.	30 111	SET SCREW M6X12	2
22.	31 134	WASHER 6MM	2



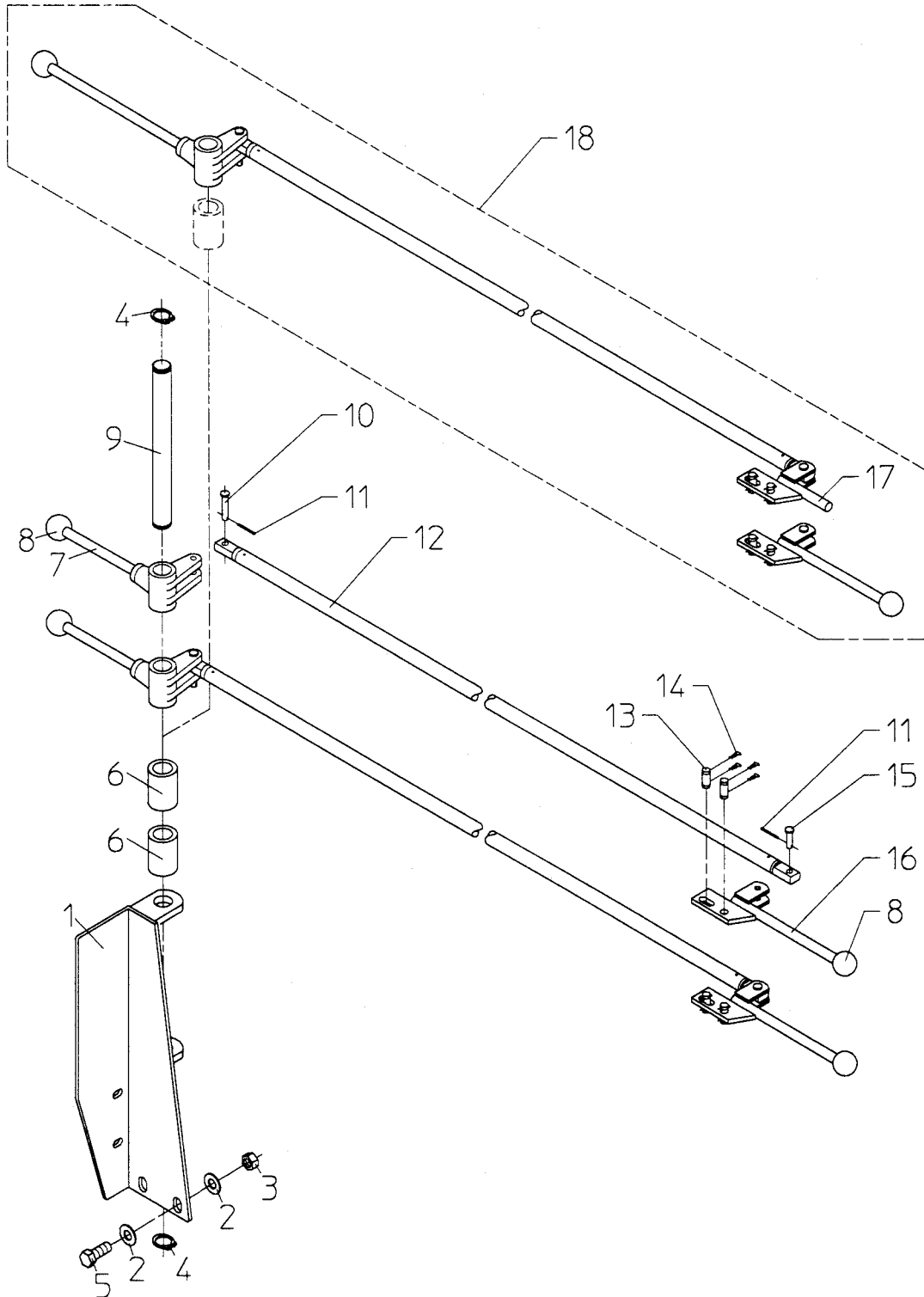
16/117: 516 11 380: 20001031

DUAL CTRL-TS-STABILIZER VALVES

	63 50 750	DUAL CTRL-2F	
1.	62 34 453	DUAL CTRL BRACKET	1
2.	31 172	WASHER 10MM	4
3.	30 888	LOCK NUT M10	2
4.	33 107	CIRCLIP 19U	2
5.	30 155	SET SCREW M10X25	2
6.	64 040	NYLON BUSHING 60 98 254	2
7.	66 61 643	CTRL LEVER-SHORT	2
8.	64 262	BALL Ø32X10MM	4

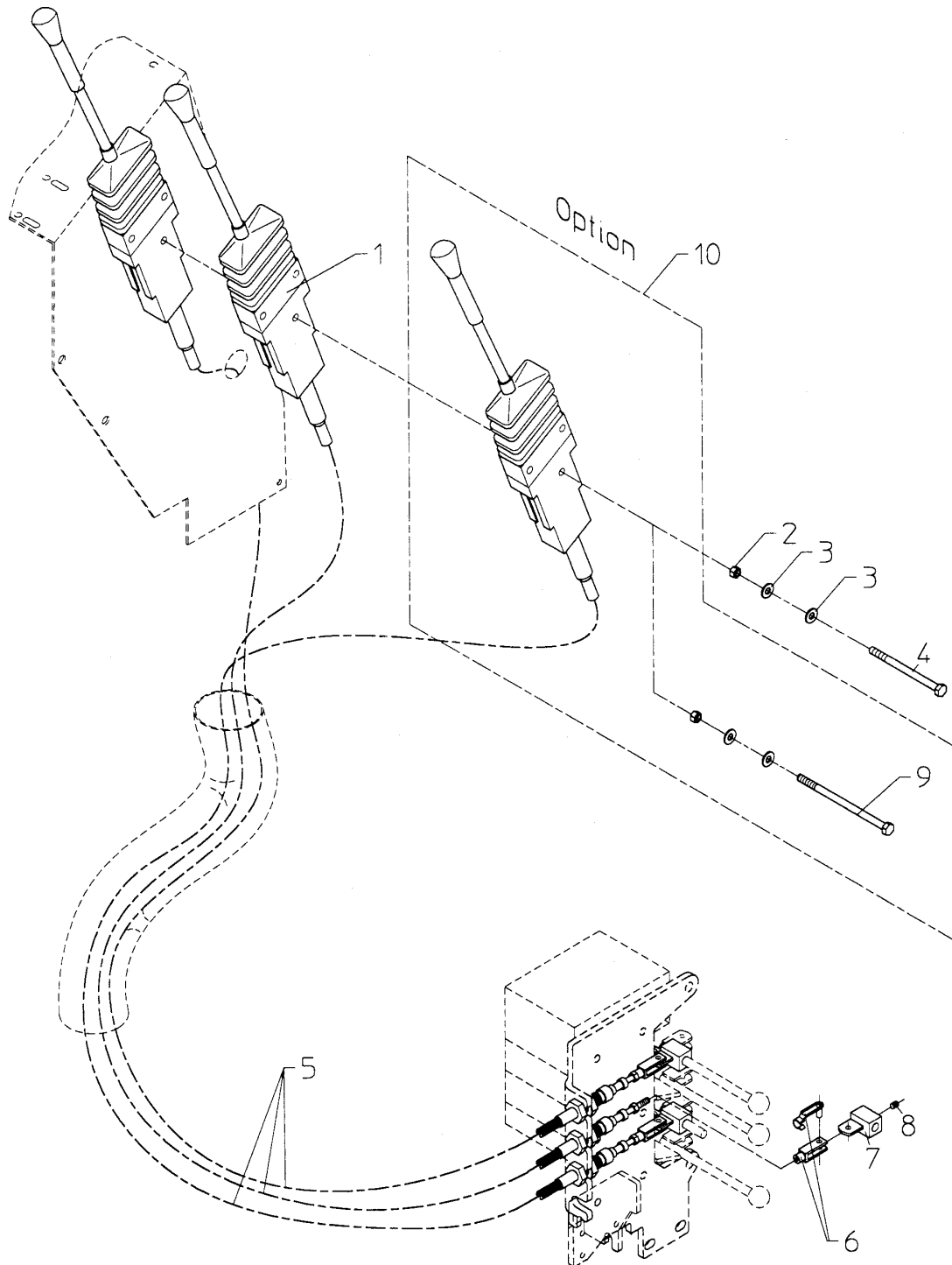
PARTS-90

9.	62 43 144	PIN-4 LEVERS	1
10.	31 274	COTTER BOLT Ø6X30	2
11.	31 601	SPLIT PIN Ø1.5X20	4
12.	61 12 604	CONNECTING ROD	2
13.	61 364	PIN	4
14.	61 320	PIN LOCK	8
15.	31 271	COTTER BOLT Ø6X20	2
16.	66 31 034	CTRL LEVER	2
17.	66 31 474	LINK	2
18.	63 50 740	SUPPL KIT-DUAL CTRL	1



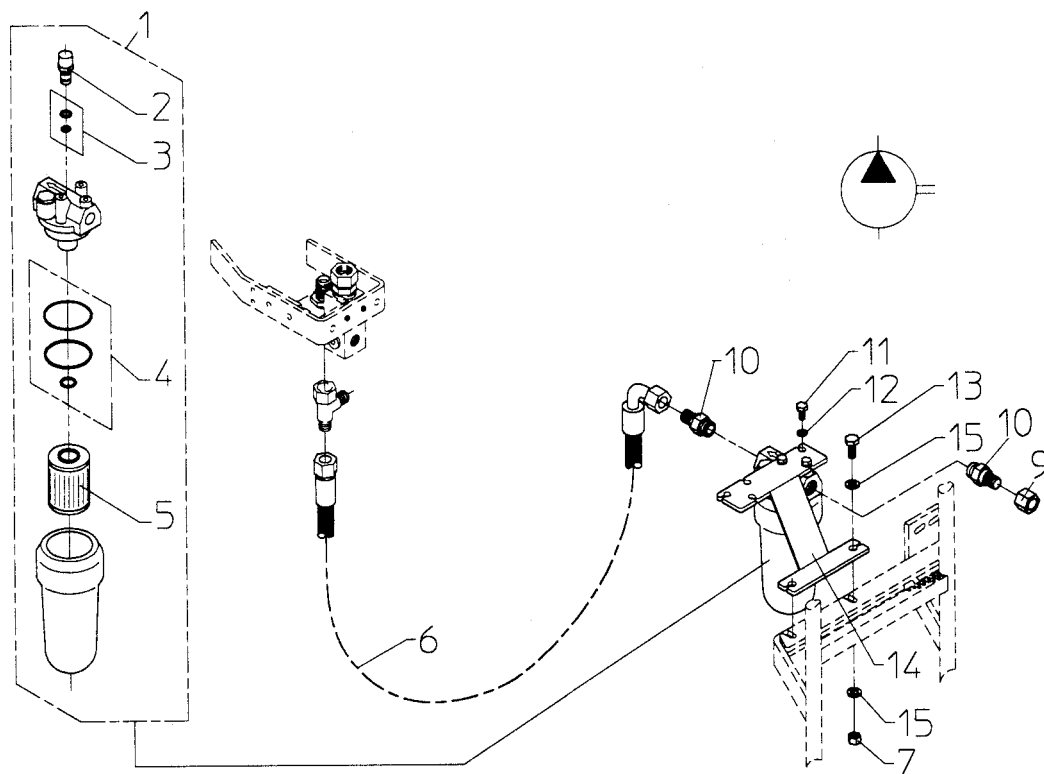
OPERATION OF STABILIZER-TOP SEAT

- | | |
|---------------|-----------------------|
| 62 72 960 | OPERATION OF STAB-TS |
| 1. 48 411 | LEVER HOUSING |
| 2. 30 886 | LOCK NUT M8 |
| 3. 31 147 | WASHER 16X8.4X1.6 |
| 4. 30 145 | STEEL BOLT M8X100 |
| 5. 48 452 | PUSH-PULL CABLE |
| 6. 48 414 | CLEVIS |
| 7. 68 78 284 | LINK |
| 8. 30 554 | POINTED SCREW MSP 6X8 |
| 9. 30 182 | STEEL BOLT |
| 10. 62 73 200 | KIT-DUAL CTRL STAB TS |



HIGH PRESSURE FILTER

	62 85 760	KIT-HIGH PRESSURE FILTER TSPR	
1.	60 201	HIGH PRESSURE FILTER	1
2.	60 289	INDICATOR	
3.	60 290	SEAL KIT	
4.	60 291	SEAL KIT	
5.	60 202	FILTER CARTRIDGE	
6.	62 912	HOSE JIC 5/8X650 O/V	1
7.	30 890	LOCK NUT M12	2
9.	25 842	PLUG FNTXS18/20	1
10.	25 834	SCR IN CONN JIC F40XS18/20-3/4	2
11.	30 154	SET SCREW M10X20	3
12.	31 156	SPRING WASHER 10MM	3
13.	30 177	SET SCREW M12X30	2
14.	62 72 223	BRACKET	1
15.	31 131	WASHER 24X13X2.5	4

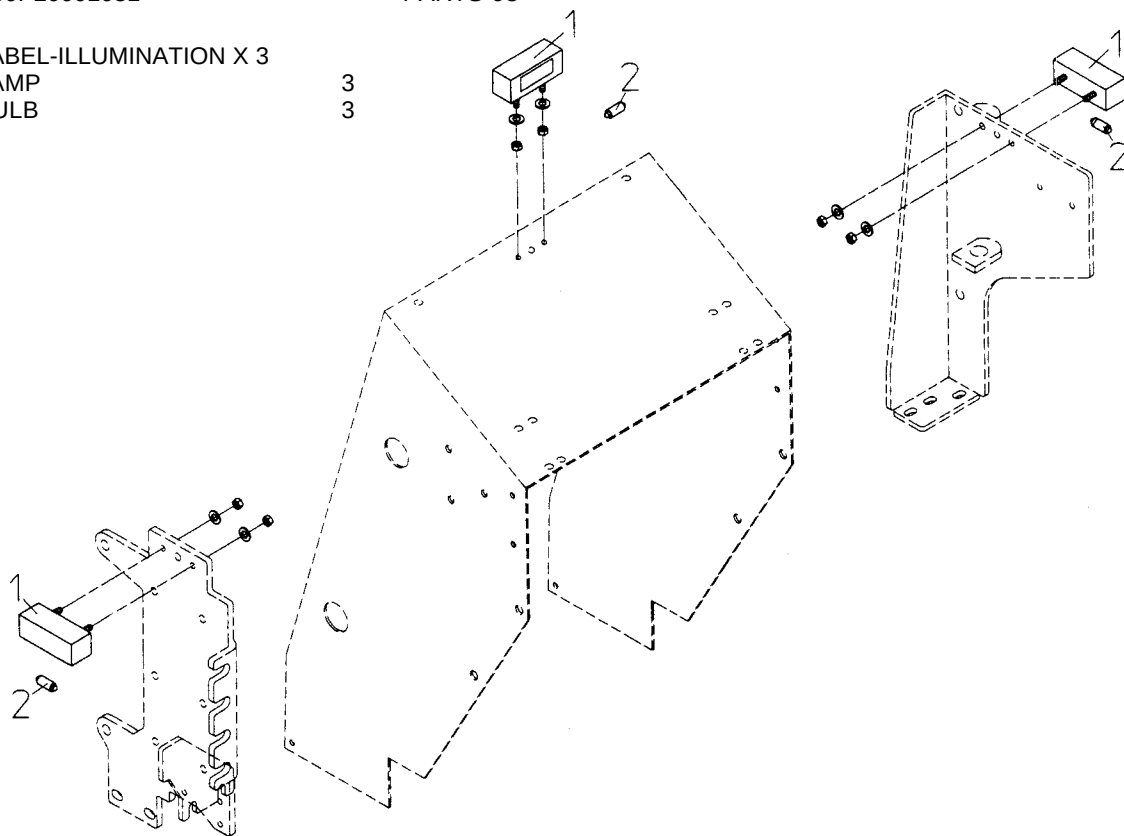


16/117: 516 11 600: 20001031

ILLUMINATION

- | | | |
|----|-----------|------------------------|
| | 62 58 460 | LABEL-ILLUMINATION X 3 |
| 1. | 27 008 | LAMP |
| 2. | 27 837 | BULB |

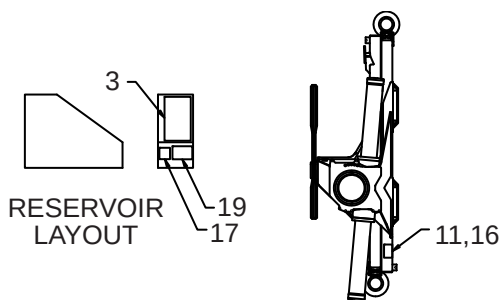
PARTS-93



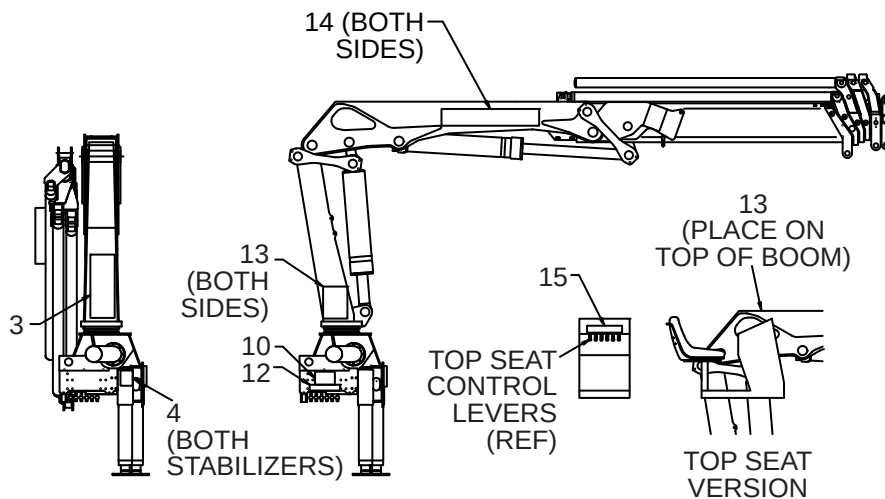
Decal Placement (if not shown on crane)

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

Note: Item #13 is dependent on crane configuration. If the top seat controls are used, another item #13 will be added to the crane.

**DECAL KIT (KIT 95716097/DWG 99903225)**

1.	95720380	DECAL KIT - COMMON	1
2.	70397056	DECAL-GREASE, 16-18-20 TM	1
3.	70396918	DECAL-DANGER LARGE ARTICULATING (PART OF #1)	2
4.	70392864	DECAL-DANGER STAB STAND CLEAR (PART OF #1)	2
5.	70392865	DECAL-DANGER ELEC HAZARD LG (PART OF #1)	4
6.	70392868	DECAL-WARNING CR LOADLINE (PART OF #1)	4
7.	70395542	DECAL-CONTROL CIRCLES	1
8.	70392891	DECAL-DANGER DRIVELINE (PART OF #1)	2
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.	70395506	DECAL-CONTROLS SS	1
13.	70395338	DECAL-CP 16/117 2H	2REF
	70395339	DECAL-CP 16/117 3H	2REF
	70395340	DECAL-CP 16/117 4H	2REF
	70395341	DECAL-CP 16/117 5H	2REF
14.	70395342	DECAL-ID 16/117 SERIES	2
15.	70395671	DECAL-CTRL CHAIR MT	1REF
16.	70396021	DECAL-MADE IN DENMARK (PART OF #1)	1

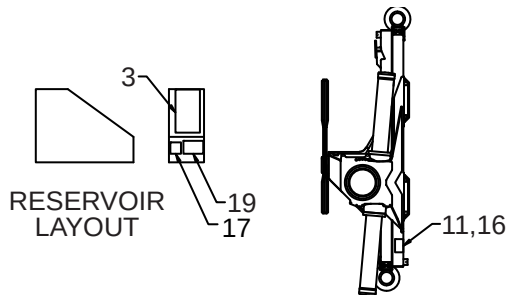
**DECAL KIT-16/117 (95716097) (THRU 4-07)**

	99903225	DRAWING-DECAL KIT	REF	15.	70392890	DANGER-STOW/UNFOLD	2
1.	70029251	IMT DIAMOND	2	16.	70392891	DANGER-DRIVELINE	2
2.	70392813	DANGER-ELECTROCUTION	2	17.	70394189	OIL RECOMMENDATIONS	1
3.	70392814	DANGER-OPER TRAINING	2	18.	70394670	IMT MATL HNDLNG SYS	2
4.	70392815	DANGER-OPERATION	2	19.	70391583	DECAL-SET UP/STOW INSTR	2
5.	70391612	GREASE WEEKLY-LH	2	20.	70029119	PLACARD-SERIAL NUMBER	1
6.	70391613	GREASE WEEKLY-RH	9	21.	70395506	DECAL-CTRL SS	1
7.	70392863	DANGER-HOISTING PERS	2	22.	70395338	DECAL-CP 16/117K2	2REF
8.	70392864	DANGER-STAB STD CLR	2		70395339	DECAL-CP 16/117K3	2REF
9.	70392865	DANGER-ELEC HAZARD-LG	4		70395340	DECAL-CP 16/117K4	2REF
10.	70392866	DANGER-OPER COND	2		70395341	DECAL-CP 16/117K5	2REF
				23.	70395342	DECAL-ID 16/117 SERIES	2
12.	70392868	DANGER-CRANE LOADLINE	4	24.	70392108	DECAL-SUCTION LINE	1
13.	70392888	DANGER-OPER RESTRICT	2	25.	70392109	DECAL-RETURN LINE	1
14.	70395542	DECAL-CTRL CIRCLES	1	26.	70395671	DECAL-CTRL-CHAIR MOUNT	1REF

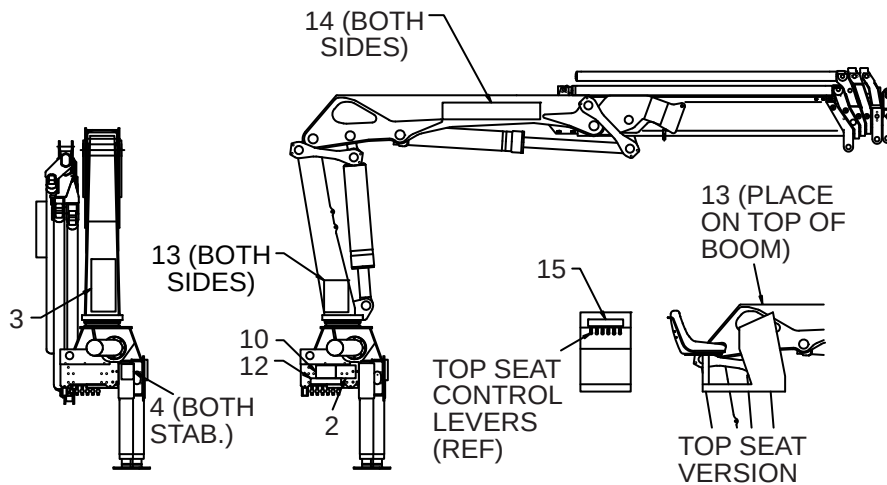
Decal Placement (if not shown on crane)

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

Note: Item #13 is dependent on crane configuration. If the top seat controls are used, another item #13 will be added to the crane.

**DECAL KIT (KIT 95716387/DWG 99903226)**

1.	95720380	DECAL KIT - COMMON	1
2.	70397056	DECAL-GREASE, 16-18-20 TM	1
3.	70396918	DECAL-DANGER LARGE ARTICULATING (PART OF #1)	2
4.	70392864	DECAL-DANGER STAB STAND CLEAR (PART OF #1)	2
5.	70392865	DECAL-DANGER ELEC HAZARD LG (PART OF #1)	4
6.	70392868	DECAL-WARNING CR LOADLINE (PART OF #1)	4
7.	70395542	DECAL-CONTROL CIRCLES	1
8.	70392891	DECAL-DANGER DRIVELINE (PART OF #1)	2
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.	70395506	DECAL-CONTROLS SS	1
13.	70395344	DECAL-CP 18/129 2H	2REF
	70395345	DECAL-CP 18/129 3H	2REF
	70395346	DECAL-CP 18/129 4H	2REF
	70395347	DECAL-CP 18/129 5H	2REF
14.	70395348	DECAL-ID 18/129 SERIES	2
15.	70395671	DECAL-CTRL CHAIR MT	1REF
16.	70396021	DECAL-MADE IN DENMARK (PART OF #1)	1

**DECAL KIT-18/129 (95716387) (THRU 4-07)**

	99903226	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	2
6.	70391613	GREASE WEEKLY-RH	9
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.	70395542	DECAL-CTRL CIRCLES	1

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.	70395506	DECAL-CTRL SS	1
22.	70395344	DECAL-CP 18/129K2	2REF
	70395345	DECAL-CP 18/129K3	2REF
	70395346	DECAL-CP 18/129K4	2REF
	70395347	DECAL-CP 18/129K5	2REF
23.	70395348	DECAL-ID 18/129 SERIES	2
24.	70392108	DECAL-SUCTION LINE	1
25.	70392109	DECAL-RETURN LINE	1
26.	70395671	DECAL-CTRL-CHAIR MOUNT	1REF

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: 99903213