



MATERIAL HANDLING SYSTEMS

Repair Parts *Model 0.5/4 Crane*

IOWA MOLD TOOLING CO., INC.

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

MANUAL PART NO: 99903420

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

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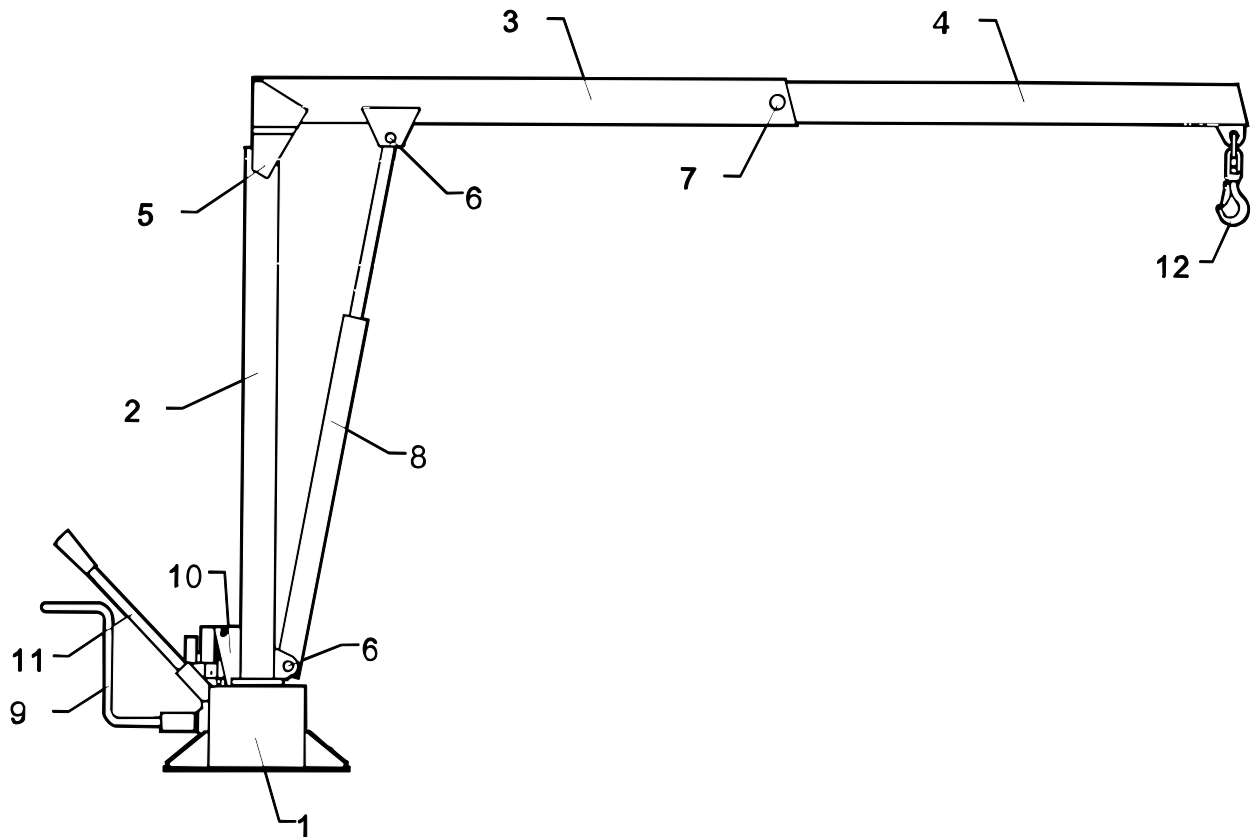
In addition to the information presented in this manual, read and understand the IMT Crane Operator's Safety Manual before operating or performing any maintenance on your crane.

REVISIONS LIST

DATE	LOCATION	DESCRIPTION OF CHANGE
20030611	17	ADDED DECAL KIT
20070228	COVER	UPDATED OWNERSHIP STATEMENT
20111129		ECN 11628 - UPDATED STABILIZER VERBIAGE

CRANE LAYOUT

1. BASE
2. MAST
3. MAIN BOOM
4. EXTENSION, 80 MM
5. HINGE PIN
6. CYLINDER PIN
7. LOCK PIN
8. BOOM CYLINDER
9. CRANK HANDLE
10. HAND PUMP
11. LEVER
12. HOOK

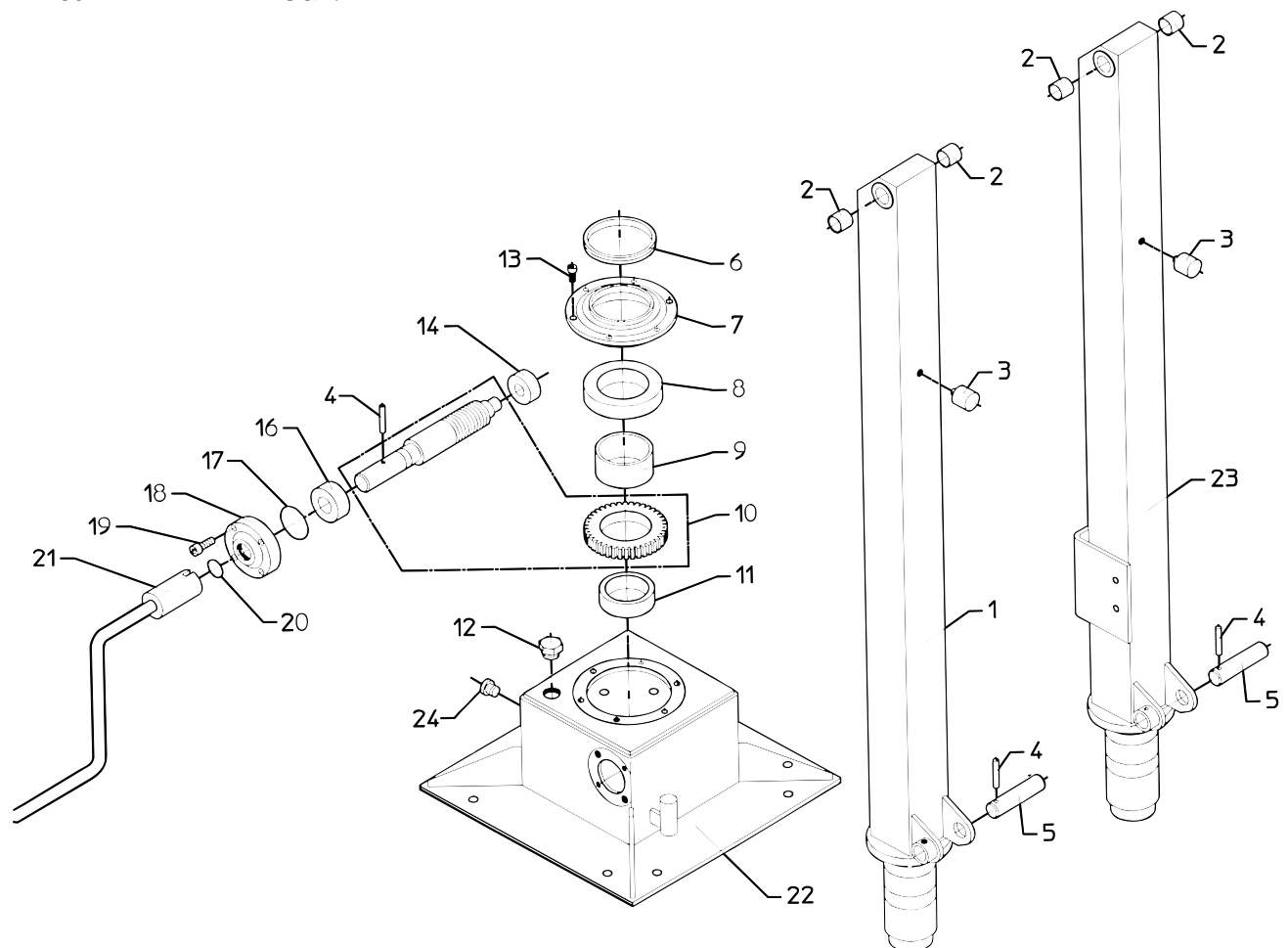


M-BASE INCLUDING CRANE MAST

1.	1222952	CRANE MAST (INCL. 6-10)	1
2.	23388	BUSHING	2
3.	24115	RUBBER FUBBER	1
4.	31212	RETAINING PIN Ø6 X 40	2
5.	1222974	PIN	1
6.	21942	V-RING V-80A	REF
7.	1222323	FLANGE	REF
8.	23197	BALL BEARING	REF
9.	1222714	SPACER	REF
10.	1222030	WORM GEAR W/SHAFT	REF
11.	23107	BALL BEARING	1
12.	25961	PLUG TCF 1/2"	1
13.	30424	SCREW MC 6 X 16	6
14.	23198	CONE ROLLER BEARING	1
16.	23191	CONE ROLLER BEARING	1
17.	20233	O-RING	1
18.	1222703	COVER	1
19.	30440	SCREW MC8 X 25	4
20.	20174	O-RING	1
21.	1222614	CRANK HANDLE	1
22.	1222693	BASE	1
23.	1223493	CRANE MAST FOR WINCH	1
24.	30417	PIPE PLUG 1/4"	1

NOTE

FOR UNITS WITH SERIAL NUMBERS
ABOVE 9449576

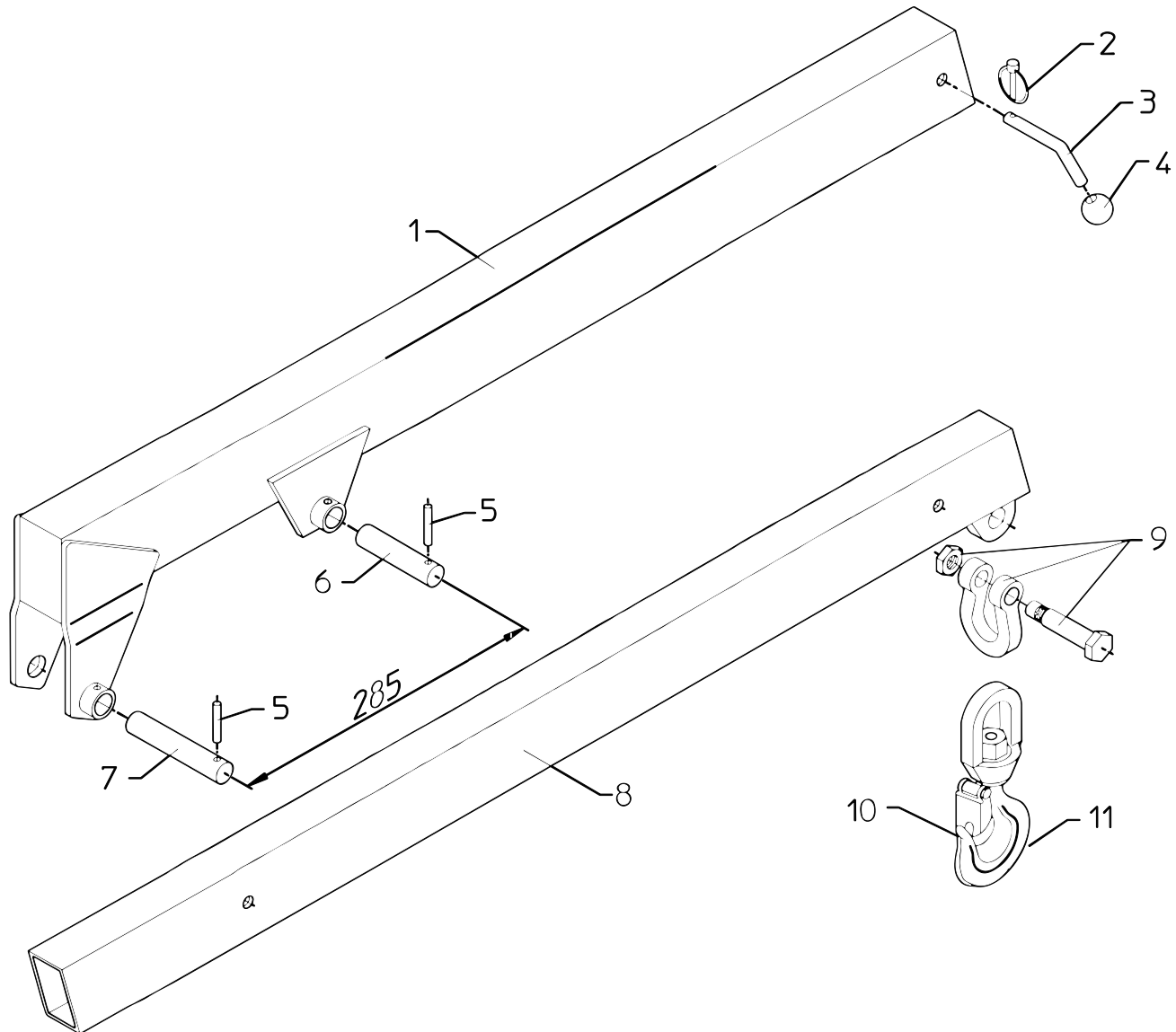


JIB EXTENSIONS, T

1.	1222962	MAIN BOOM	1
2.	33385	SPLIT RING Ø4	1
3.	1222264	PIN	1
4.	64256	BALL W/BUSHING	1
5.	31212	RETAINING PIN Ø6 X 40	4
6.	1222974	PIN	1
7.	1222984	PIN	1
8.	1222583	EXTENSION 80 MM	1
9.	62129	SHACKLE SWIVEL 2T. 1/2"	1
10.	62128	HOOK	1
11.	62148	SAFETY CATCH	REF

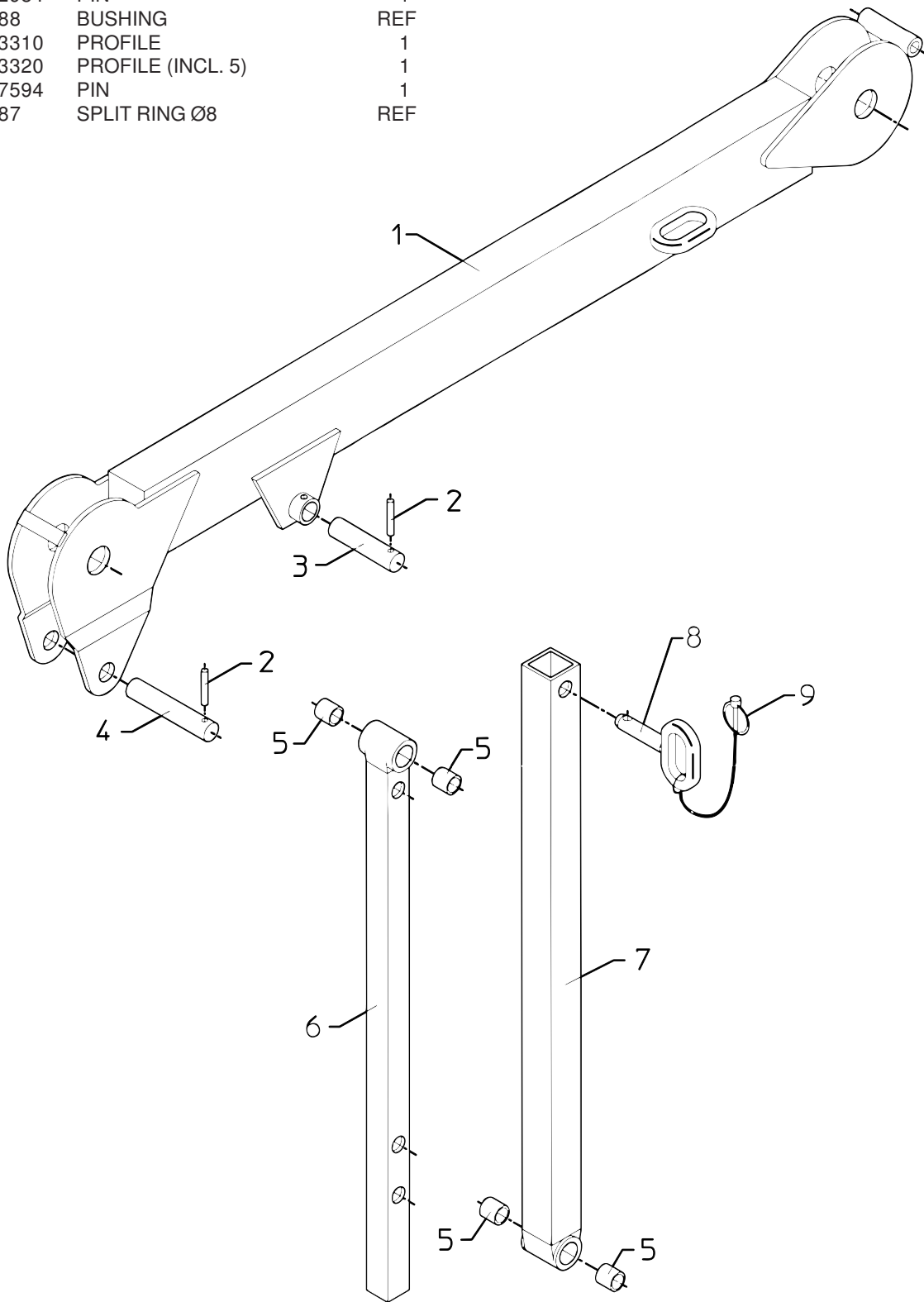
NOTE

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NUMBERS ABOVE 9449576



JIB EXTENSION FOR WINCH, T0

1.	1223182	MAIN BOOM	1
2.	31212	RETAINING PIN Ø6 X 40	2
3.	1222974	PIN	1
4.	1222984	PIN	1
5.	23388	BUSHING	REF
6.	1223310	PROFILE	1
7.	1223320	PROFILE (INCL. 5)	1
8.	1227594	PIN	1
9.	33387	SPLIT RING Ø8	REF

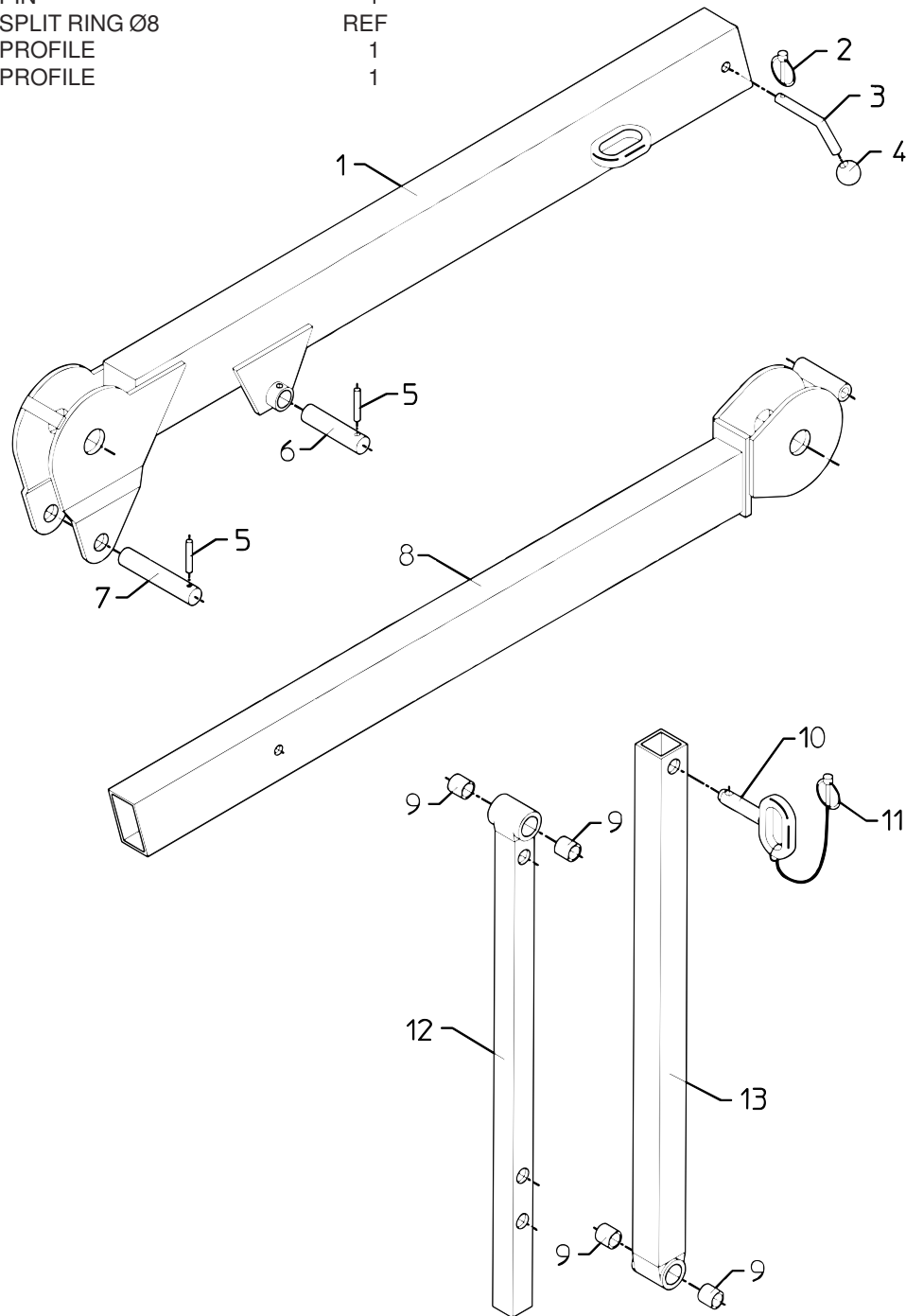


JIB EXTENSION FOR WINCH, T

1.	1223272	MAIN BOOM	1
2.	33385	SPLIT RING Ø4	1
3.	1222264	PIN	1
4.	64256	BALL W/BUSHING	1
5.	31212	RETAINING PIN Ø6 X 40	2
6.	1222974	PIN	1
7.	1222984	PIN	1
8.	1223233	MANUAL EXTENSION	1
9.	23388	BUSHING	REF
10.	1227594	PIN	1
11.	33387	SPLIT RING Ø8	REF
12.	1223310	PROFILE	1
13.	1223320	PROFILE	1

NOTE

FOR UNITS WITH SERIAL NUMBERS
BETWEEN 9449576 AND 491302

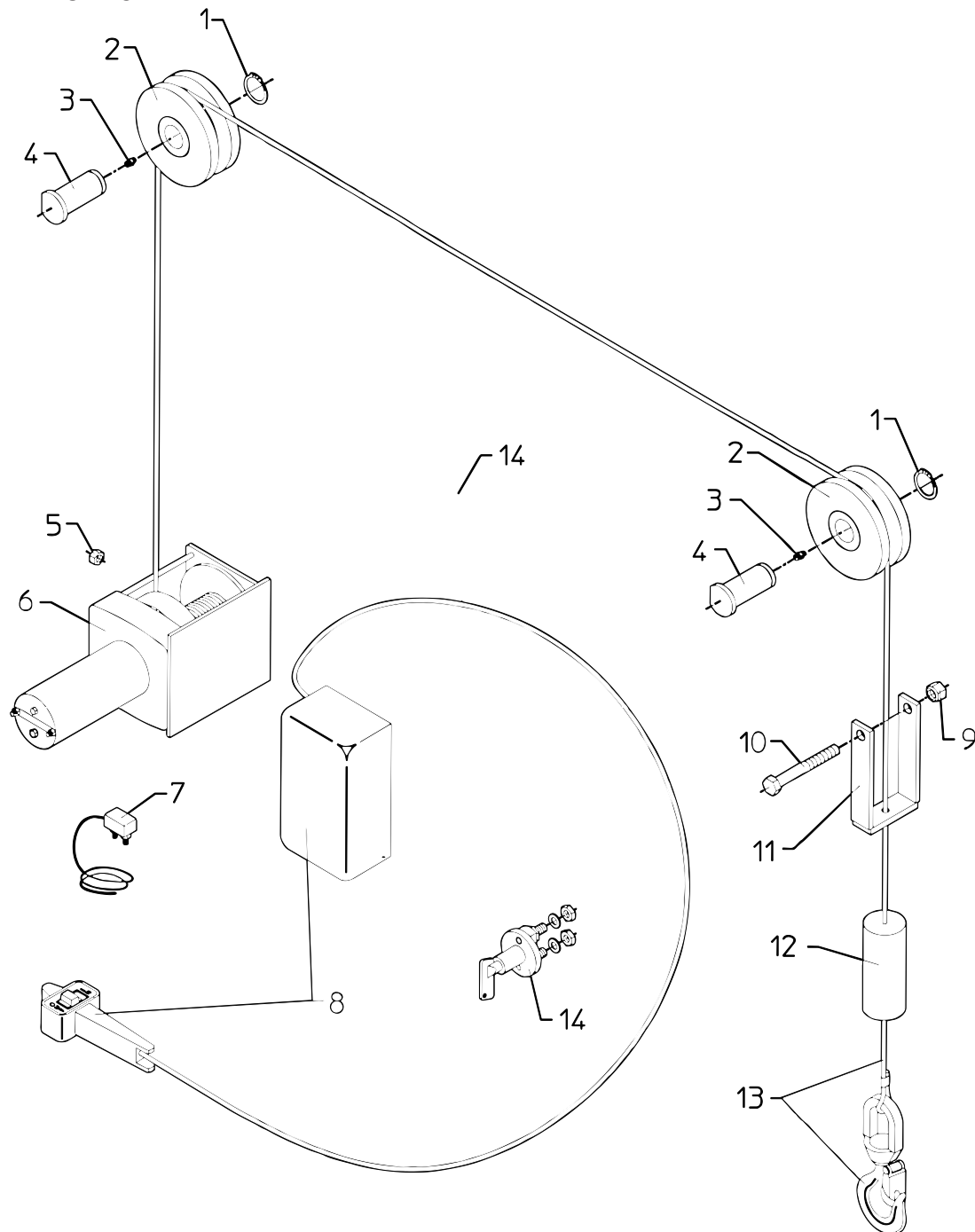


WINCH

1.	33115	SNAP RING	2
2.	1223094	WIRE SHEAVE	2
3.	31329	LUBRICATOR M6X1-0	2
4.	1223104	PIN	2
5.	30888	LOCK NUT M10	3
6.	61238	WINCH	1
7.	61250	FUSE 40 AMP	1
8.	61246	RELAY BOX	1
9.	30890	LOCK NUT M12	1
10.	30192	STEEL BOLT M12 X 100	1
11.	1223134	GUIDE	1
12.	61247	WEIGHT	1
13.	63184	WIRE ROPE W/HOOK	1
14.	27331	SWITCH	1

NOTE

FOR UNITS WITH SERIAL NUMBERS
BETWEEN 9449576 AND 491156



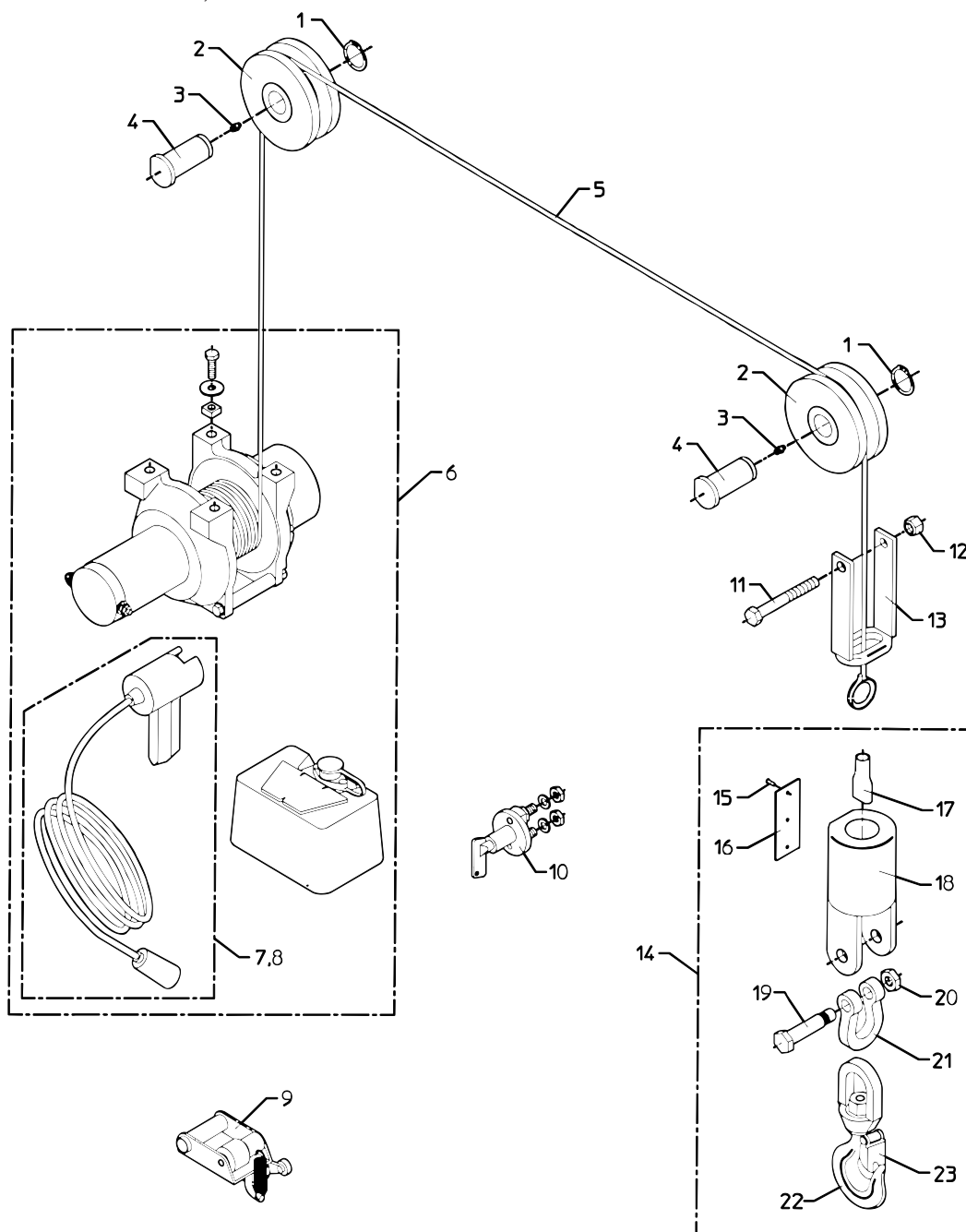
WINCH

1.	33115	SNAP RING 30U	2
2.	63630	WIRE SHEAVE	2
3.	31329	LUBRICATOR M6 X 1-0	2
4.	1223104	PIN	2
5.	63188	WIRE ROPE Ø6 X 7M	1
6.	61298	WINCH 12V	1
7.	58214	REMOTE CONTROL	REF
8.	58215	REMOTE CONTROL	REF
9.	58249	STOP FOR WIRE RUN-OUT	1
10.	27331	SWITCH	1
11.	30192	STEEL BOLT M12 X 100	1
12.	30890	LOCK NUT M12	1
13.	1223134	GUIDE	1
14.	1214990	SWIVEL HOOK, CPL	1

15.	31340	RIVET	REF
16.	64848	BRASS LABEL	REF
17.	63605	PIPE	REF
18.	1284484	WEIGHT	REF
19.	30231	STEEL BOLT M16 X 90	REF
20.	30892	LOCK NUT M16	REF
21.	62129	SHACKLE SWIVEL, 2T 1/2"	REF
22.	62128	HOOK SWIVEL 2T	REF
23.	62148	SAFETY CATCH	REF

NOTE

FOR UNITS WITH SERIAL
NUMBERS ABOVE 491157

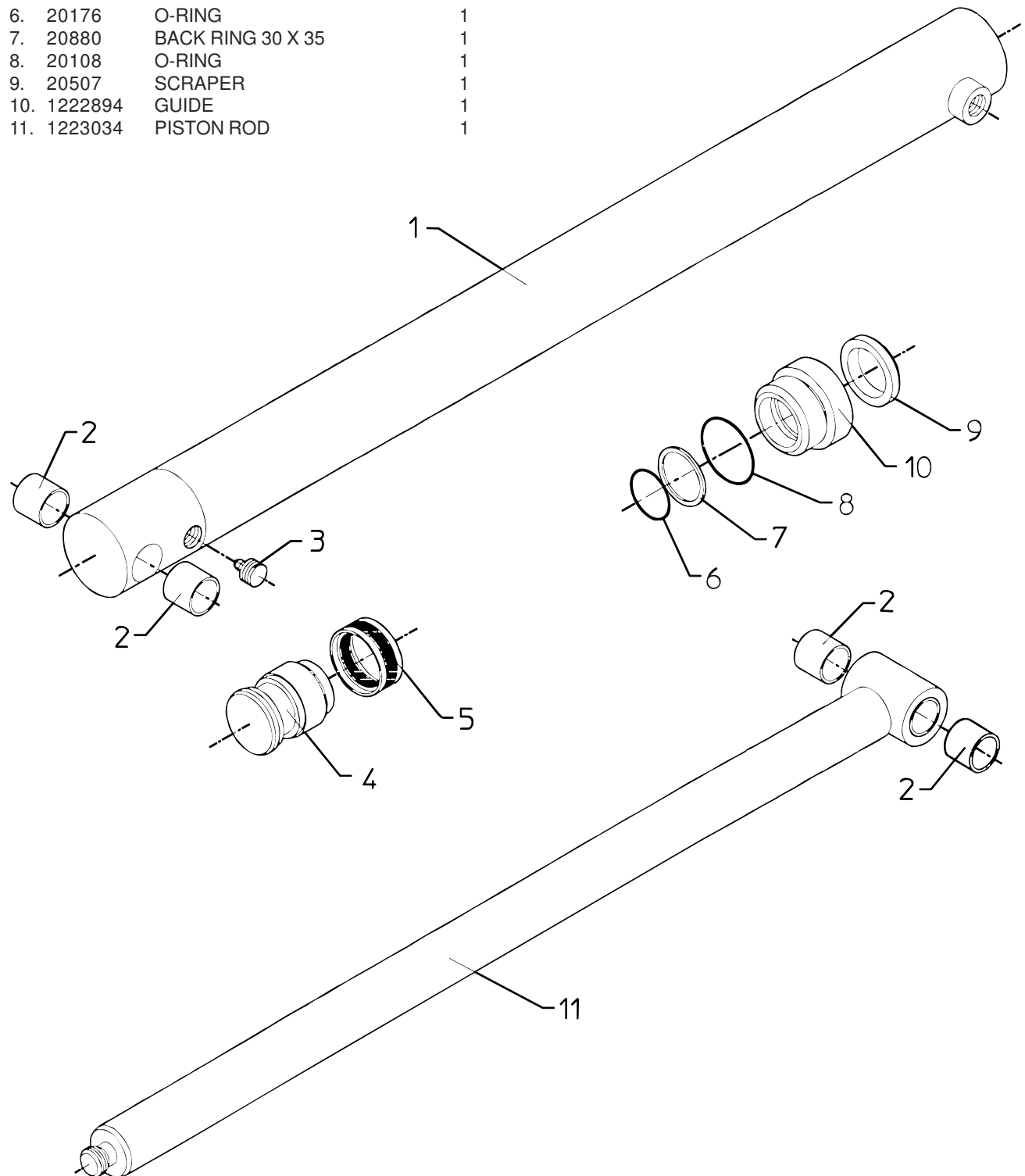


BOOM CYLINDER, C40-545

	1223042	BOOM CYLINDER C40-545	1
	6892910	SEAL KIT (INCL. 5-9)	1
1.	1223013	CYLINDER	1
2.	23388	BUSHING	4
3.	61505	HOSE-FAILURE VALVE 1/4"	1
4.	1241073	PISTON	1
5.	20779	DOUBLE SLEEVE 40X30X12.5	1
6.	20176	O-RING	1
7.	20880	BACK RING 30 X 35	1
8.	20108	O-RING	1
9.	20507	SCRAPER	1
10.	1222894	GUIDE	1
11.	1223034	PISTON ROD	1

NOTE

FOR UNITS WITH SERIAL
NUMBERS ABOVE 9449576

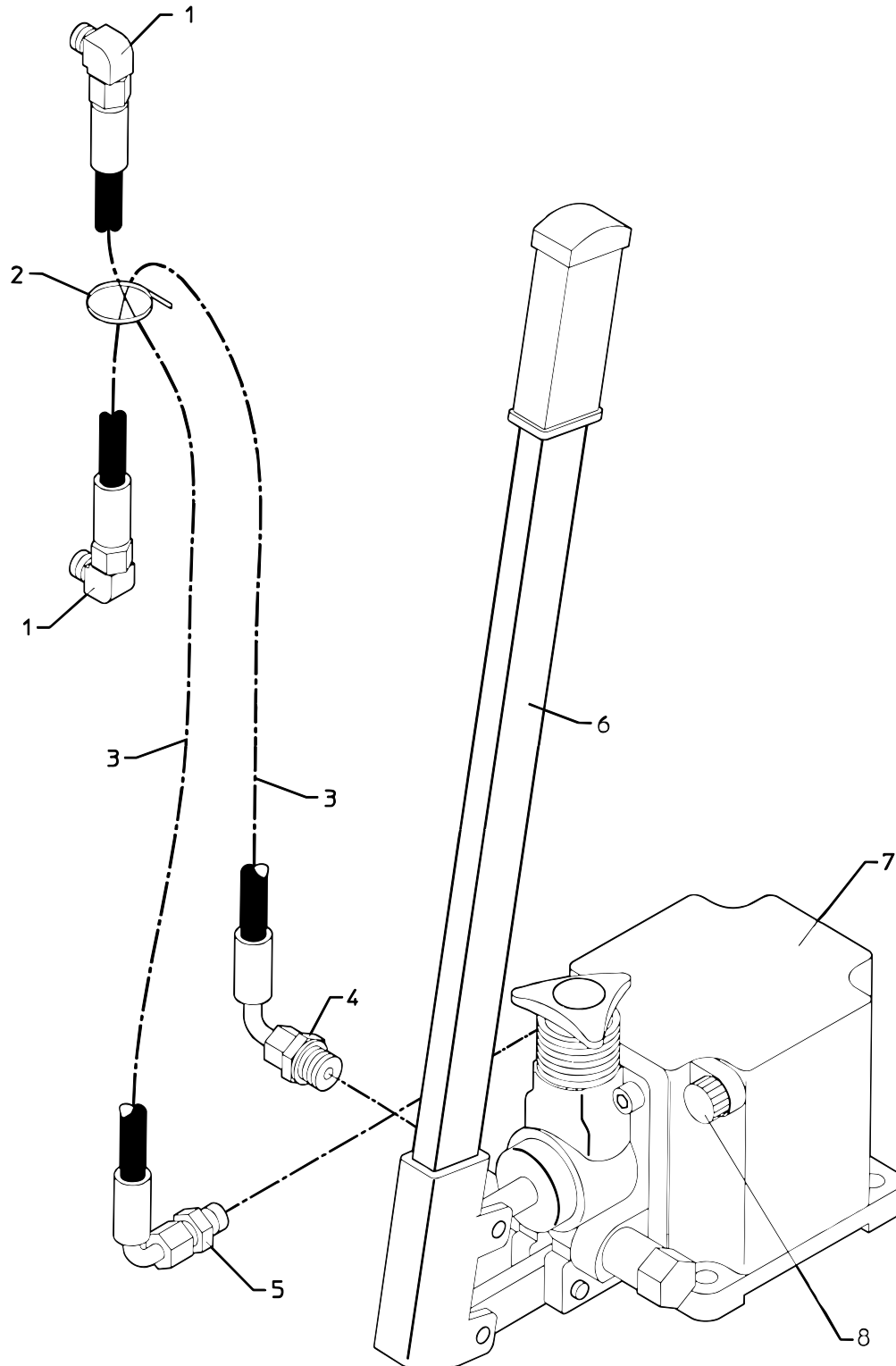


HYDRAULIC SYSTEM, BOOM CYLINDER

	58772	SEAL KIT FOR PUMP	1
1.	25117	CONNECTION	2
2.	27274	CLIP	1
3.	62496	HOSE 1/4" X 1600 O/V	2
4.	25244	CONNECTION	1
5.	25109	CONNECTION	1
6.	58771	LEVER	REF
7.	60156	HAND PUMP	1
8.	58773	PLUG	REF

NOTE

FOR UNITS WITH SERIAL
NUMBERS ABOVE 491348



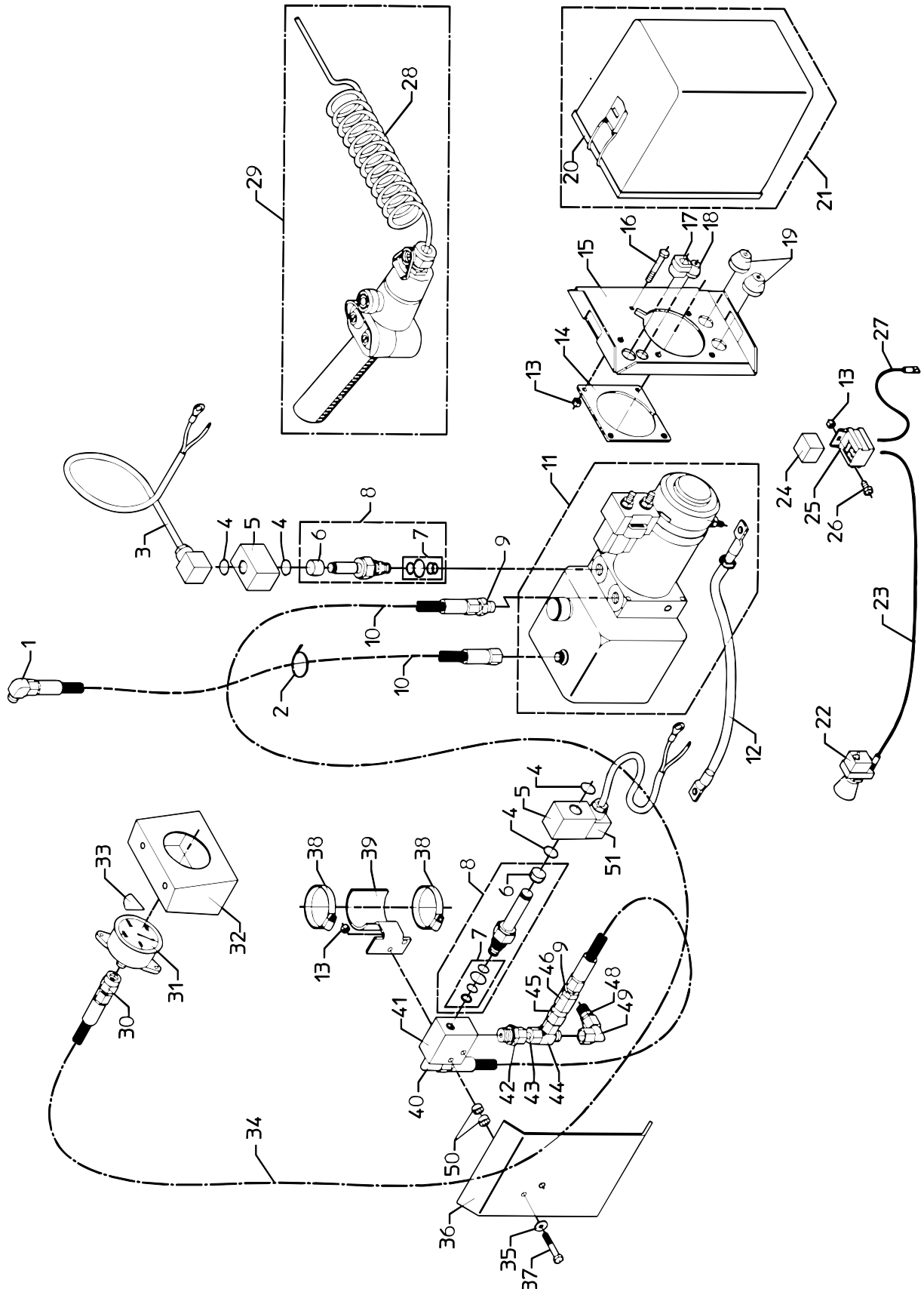
PUMP & MOTOR (1)**NOTE**

DRAWING ON NEXT PAGE

1.	25117	CONNECTION	1
2.	27274	CLIP	5
3.	28669	CABLE	1
4.	59765	O-RING	REF
5.	59762	MAGNET COIL 12V	2
6.	59640	NUT	REF
7.	6892820	SEAL KIT	REF
8.	59772	SOLENOID VALVE	1
9.	25109	CONNECTION	2
10.	62619	HOSE 1/4" X 1500 O/O	2
11.	61934	POWER PACK, CPL	1
12.	28947	GROUNDING CALBE, 24V	1
13.	30884	LOCK NUT M6	7
14.	66131	SPACER	1
15.	66130	PLATE	1
16.	30118	STEEL BOLT M6 X 45	4
17.	27950	CABLE LEAD-IN	1
18.	27967	PACKING GLAND	1
19.	27971	PACKING GLAND	2
20.	46524	RUBBER SEAL, .7M	1
21.	1223613	COVER	1
22.	27383	SWITCH	1
23.	28613	CABLE	1
24.	27340	RELAY 12V	1
25.	27380	RELAY SOCKET	1
26.	30111	SET SCREW M6 X 12	1
27.	28649	CABLE	1
28.	27365	COILED WIRE	REF
29.	28662	CONTACT BOX	1
30.	26106	CONNECTION	1
31.	60931	PRESSURE GAUGE	1
32.	66066	HOUSING	1
33.	64618	PRESSURE GAUGE LABEL	1
34.	62488	HOSE 1/4" X 1330 O/V	1
35.	31134	WASHER 6MM	2
36.	1223763	PROTECTIVE PLATE	1
37.	30119	STEEL BOLT M6 X 50	2
38.	31401	CLIP HS36	2
39.	1223753	FITTINGS	1
40.	25922	CONNECTION	1
41.	59771	VALVE HOUSING	1
42.	25244	CONNECTION	1
43.	1223794	PIPE	1
44.	25249	CONNECTION	1
45.	26370	CONNECTION	1
46.	59012	CONNECTION 1 L/MIN, 185 BAR	1
48.	25112	CONNECTION	1
49.	25248	CONNECTION	1
50.	1214014	WASHER	2
51.	28694	CABLE	1

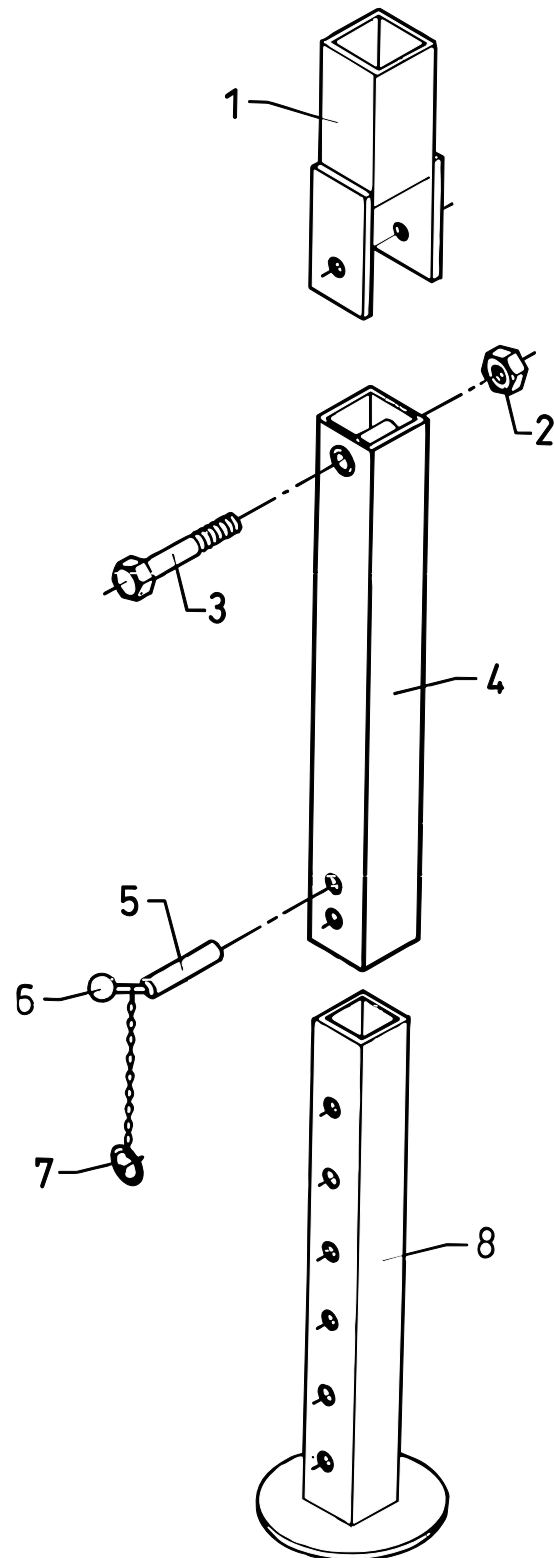
PUMP & MOTOR (2)**NOTE**

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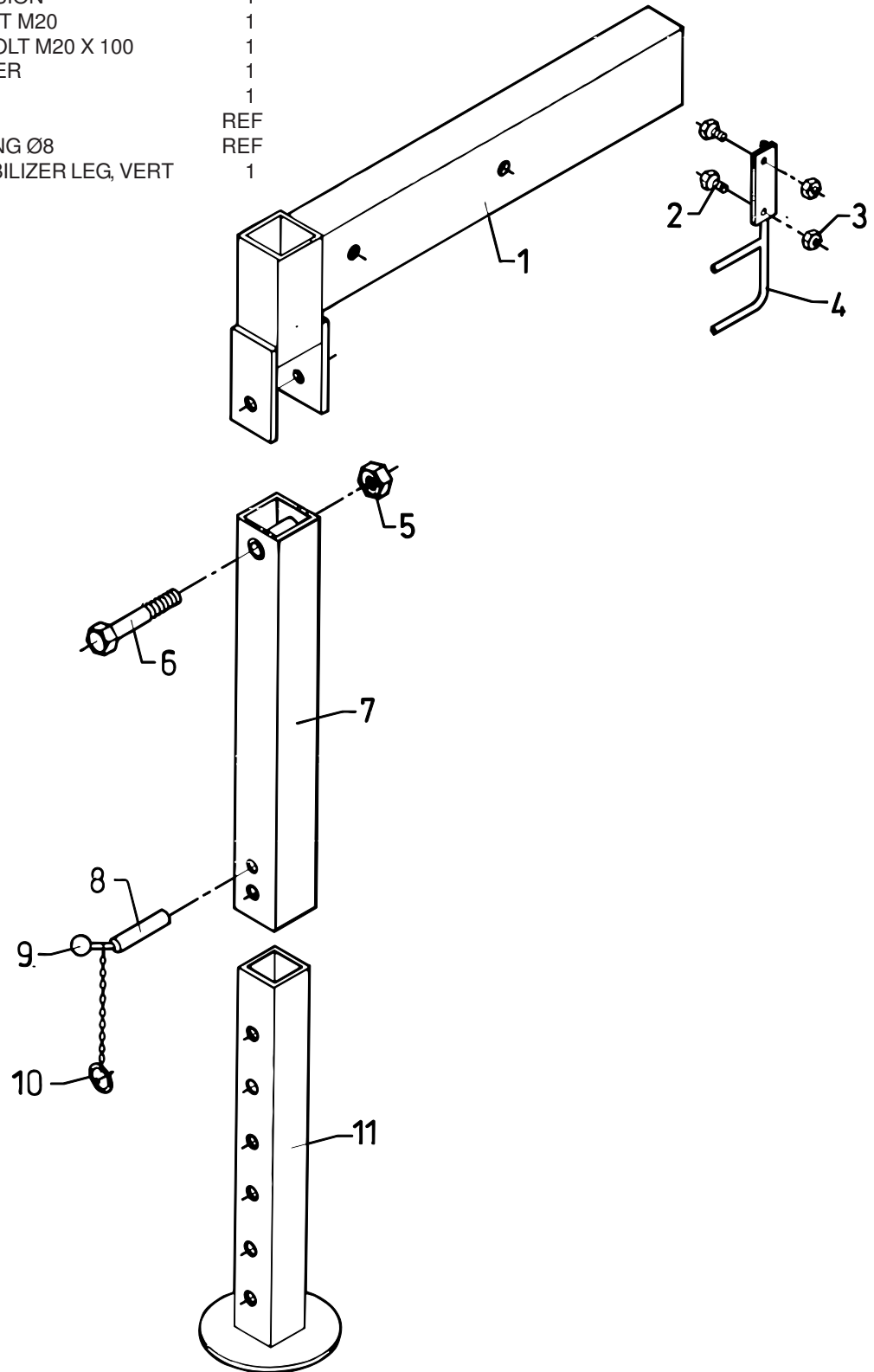
STABILIZER LEG, MECHANICAL

	1214250	STABILIZER, CPL	1
1.	1214264	HOUSING	1
2.	30894	LOCK NUT M20	1
3.	30253	STEEL BOLT M20 X 100	1
4.	1220934	STABILIZER	1
5.	1225874	BOLT	1
6.	64262	BALL Ø32 X 10 MM	REF
7.	33387	SPLIT RING Ø8	REF
8.	1220974	EXT. STABILIZER LEG, VERT	1



STABILIZER LEG, MECHANICAL, PULL-OUT

1210060	STABILIZER & EXTENSION (INCL. 1-11)	1
1. 1220894	EXT. BEAM, HORIZONTAL	1
2. 30112	SET SCREW, M6 X 16	2
3. 30884	LOCK NUT M6	2
4. 1211074	SUSPENSION	1
5. 30894	LOCK NUT M20	1
6. 30253	STEEL BOLT M20 X 100	1
7. 1220934	STABILIZER	1
8. 1225874	BOLT	1
9. 64262	BALL	REF
10. 33387	SPLIT RING Ø8	REF
11. 1220974	EXT STABILIZER LEG, VERT	1



0.5/4 DECAL KIT (95717594)

- | | | | |
|----|----------|------------------------|---|
| 1. | 70029119 | PLACARD, SERIAL NO. | 1 |
| 2. | 70396142 | DECAL, I.D. 0.5/4 | 2 |
| 3. | 70396145 | DECAL, CP 0.5/4 | 2 |
| 4. | 70396021 | DECAL, MADE IN DENMARK | 1 |



70396142 (2)

70396142 (2)

70029119

70396021

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MANUAL PART NO: 99903420