FURUKAWA UNIC

HYDRAULIC CRANE PARTS CATALOG

UR500 - SERIES

SERIAL No. A503651～

PCUR500A2199404C

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GENERAL INFORMATION

This parts catalog contains the description of the parts for UNIC Hydraulic Crane Model UR500 series.
The application is Cranes from serial number UR500 series No. A503651~.
The crane serial number is engraved on the specification plate fixed at the column.

● HOW TO USE THIS PARTS CATALOG

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
(Example) 1~43		0146 24000	Boom Ass'y	1 set	△		
1		7161 06030	Bolt	2			
2		0215 21020	Spacer	1			
A 3		9110 00019	Sheave – slide 200 ϕ Ass'y	2 set			
A 4		0211 21130	Bushing	1			
A 5		0217 21180	Sheave – slide 200 ϕ	1			
A 6		7243 31000	Nipple – grease	1			

Relations of assembly part

Sub-assembly part

Component part

1. Illustrations are shown every component group and each part is denoted with index number on outgoing line. The index number agrees with the key number of the lists. Therefore, you can find the part name, part number, quantity, applicable serial number crane, changing period, etc. by the number.
2. Relations of assembly part, sub-assembly part and component part are indicated as above list and illustration.
3. A • B • C···in the "KEY No." column indicate sub-assembly parts and A1 • A2 • A3···B1 • B2 • B3·····S1 • S2 • S3···indicate component parts.
4. Each number in the "Q'ty" column indicates the quantity used per each assembly.

5. How to read the indication in the "Mark" column.

○ ……New and old parts are each interchangeable.

○ ……New parts can changeable of old parts, but not vice-versa.

× ……New and old parts are not interchangeable.

△ ……Part not for sale.

D ……Disuse.

Q ……Quantity change.

6. How to order the seavice parts.

(1) When ordering service parts, please be sure to supply the following information.

* Crane model
* Serial number
* Assembly name
* Part name
* Part number
* Quantity

(2) Interchengeable or no-interchengeable part.

When you order the interchengeable part marked ○, please order new part.

When you order the interchengeable part marked ×,please confirm the serial number and the manufactured date of the crane, and order adequate part.

(3) Quantity, length

n……Decide your necessary quantity.

ℓ……Decide your necessary length.

(4) Use "UNIC GENUINE PARTS" exclusively for servicing your creane.

No warranty can be given on a trouble caused by using a part except genuine parts.

(5) Purchase the service parts at your nearest dealer or seavice shop.

(Note) In accordance with our policy of constant implovement, all parts are subject to change without notice or obligation.

HYDRAULIC TRUCK CRANE UR500 SERIES

C O N T E N T S

FIG. N	SECTION NAME	'AGE
	(UR503-A2, 504-A2, 505-A21	
1	3-section BOOM ASS'Y (UR503)	12
2	4-section BOOM ASS'Y (UR504)	16
3	5-section BOOM ASS'Y (UR505)	22
4	EXTENSION CYLINDER (1) ASS'Y (UR503)	28
5	EXTENSION CYLINDER (2) ASS'Y (UR503)	30
6	SELECTOR VALVE ASS'Y (UR503)	32
7	EXTENSION CYLINDER (1) ASS'Y (UR504)	34
8	EXTENSION CYLINDER (2) ASS'Y (UR504)	36
9	EXTENSION CYLINDER (1) ASS'Y (UR505)	38
10	EXTENSION CYLINDER (2) ASS'Y (UR505)	40
11	EXTENSION CYLINDER (3) ASSY (UR505)	44
12	SELECTOR VALVE ASSY (UR504, 505)	46
13	HOOK ASSY	48
14	SAFETY DEVICE ASS'Y	50
15	HYDRAULIC DRIVING DEVICE	54
16-1	PIPING (Boom lift cylinder)	56

FIG. NO.	SECTION NAME	PAGE
16-2	PIPING (Hoist motor)	58
16-3	PIPING (Extension cylinder)	60
16-4	PIPING (Swing motor)	62
16-5	PIPING (Outrigger)	64
17	COLUMN ASS'Y	66
18	BASE ASS'Y	68
19	SWING DEVICE ASS'Y	72
20	SWING GEAR BOX ASSY	74
21	HOIST WINCH ASSY	76
22	WINCH GEAR BOX ASSY	78
23	BOOM LIFT CYLINDER ASS'Y	80
24	OUTRIGGER CYLINDER ASSY	82
25	SWIVEL JOINT ASS'Y	84
26	SLIP RING ASSY	86
27	CONTROL ASS'Y	88
28	TOOLS	92
29	PLACARD	94

HYDRAULIC TRUCK CRANE UR500 SERIES

C O N T E N T S

FIG. NO.	SECTION NAME	PAGE
29	SWIVEL JOINT ASS'Y	104
30	SLIP RING ASS'Y	106
31	CONTROL ASS'Y	108
32	PLACARD	112
33	EQUIPMENT	116

FIG. NO.	SECTION NAME	PAGE
	(HYDRAULIC PARTS)	
HP 1	CONTROL VALVE ASS'Y (MV-30A, 6-Spool)	122
HP 2	RELIEF VALVE ASS'Y (RT-15C)	124
HP 3	EXTENSION CYLINDER HOLDING VALVE ASS'Y (CB-03ET)	126
HP 4	BOOM LIFT CYLINDER HOLDING VALVE ASS'Y (CB-03ED)	128
HP 5	RETURN FILTER ASS'Y	130
HP 6	PLIOT CHECK VALVE ASS'Y (CP-02F)	132
HP 7	PILOT CHECK VALVE ASS'Y (CP-03W)	134

UR503-A2
UR504-A2
UR505-A2
UR506-A2

Fig. 1 3-section BOOM ASS'Y

Fig. 1 3-section BOOM ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~52		08A6 21000	3-section Boom Ass'y	1 set	△		
1	↱	0885 21011	Boom (1)	1			
	○	0885 21012	Boom (1)	1			
	↳	0885 21013	Boom (1)	1		A508352~	
2	↱	08A6 21010	Boom (2)	1			
	↳	08A6 21011	Boom (2)	1		A507092~	
3		08A6 21020	Boom (3)	1			
4		K821 00810	Sheave Ass'y	3 set			
5		☆					
6		0185 21031	Sheave (4.85 × 55)	1			
7		0885 21040	Plate-slide (Nylon)	4			
8		0885 21130	Shim	2			
9		080B 21040	Plate-slide (Nylon)	4			
10		0164 21070	Spacer	2			
11		0882 21120	Roller	1			
12		7260 60022	Bearing	2			
13		0182 11060	Bushing	2			
14		0188 21090	Pin (55)	1			
15		0146 21141	Pin (35)	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
16		0188 21120	Pin (30)	1			
17		0149 21160	Pin (30)	1			
18		0183 21150	Pin (25)	1			
19	↱	0157 21130	Pin (20)	1			
	↳	088H 21070	Pin (20)	1		'91.9~	
20		0882 21150	Pin (15)	1			
21		☆					
22		080B 21070	Plate	1			
23		080B 21080	Plate	1			
24		0885 21140	Plate	1			
25		0885 21150	Plate	1			
26		0806 21151	Plate	1			
27		01J2 32030	Spacer (2)	1			
28		0119 51060	Plate	1			
29		0182 21110	Collar	1			
30		0885 21110	Base-slide (200)	1			
31		0885 21120	Base-slide (160)	1			
32		080C 21160	Guide (20.5)	4			
33		☆					

○...Interchangeable. ○...New parts can interchangeable of old parts, but not vice-versa. ☆...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 1 3-section BOOM ASS'Y

Fig. 1 3-section BOOM ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
34		☆					
35		0149 21321	Indicator	2			
36		7241 90050	Nut-push	2			
37		7243 32000	Nipple-grease	1			
38		7231 08030	Pin-split	1			
39		7231 06025	Pin-split	1			
40		7241 10300	Ring-snap	2			
41		7241 20300	Ring-snap	2			
42		7241 20250	Ring-snap	2			
43		7119 12025	Bolt	1			
44		7601 29046	Bolt & Washer	4			
45		7141 10020	Bolt & Washer	1			
46		7141 10016	Bolt & Washer	12			
47		7142 06015	Bolt & Washer	1			
48		7142 05012	Bolt & Washer	1			
49		7222 11120	Washer-spring	1			
50		☆					
51		7221 12120	Washer-plain	1			
52		080C 21140	Shim	4			t = 1

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 2 4-section BOOM ASS'Y

Fig. 2 4-section BOOM ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~76		08A7 21000	4-section Boom Ass'y	1 set	△		
1		0886 21012	Boom (1)	1			
		0886 21013	Boom (1)	1			
		0886 21014	Boom (1)	1		A508352~	
2		08A7 21010	Boom (2)	1			
		08A7 21011	Boom (2)	1		A507092~	
		08A7 21012	Boom (2)	1		A508352~	
3		0886 21032	Boom (3)	1			
		0886 21033	Boom (3)	1		A507092~	
		0886 21034	Boom (3)	1		A508352~	
4		08A7 21020	Boom (4)	1			
		08A7 21021	Boom (4)	1		A508352~	
5		K821 00810	Sheave Ass'y	3 set			
6		☆					
7		0185 21031	Sheave (4.85 × 55)	1			
8		0885 21040	Plate-slide (Nylon)	4			
9		0190 21061	Plate-slide (Nylon)	4			
10		080B 21040	Plate-slide (Nylon)	2			
11		0149 21370	Plate-slide (Nylon)	2			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
12		0882 21120	Roller	1			
13		0806 21060	Roller	1			
14		☆					
15		0182 11060	Bushing	2			
16		0188 21090	Pin (55)	1			
17		0182 24030	Pin (35)	1			
18		0188 21120	Pin (30)	1			
19		0188 21130	Pin (30)	1			
20		0806 21080	Pin (30)	2			
21		0157 21130	Pin (20)	1			
		088H 21070	Pin (20)	1		'91.9~	
22		0882 21150	Pin (15)	1			
23		0806 21110	Pin (15)	1			
24		☆					
25		0188 21160	Pin (35)	1			
26		0806 21151	Plate	1			
27		0806 21121	Sheave	1			
28		0806 21130	Plate	1			
29		0885 21110	Base-slide (200)	1			

○...Interchangeable. ○...New parts can interchangeable of old parts, but not vice-versa. ☆...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 2 4-section BOOM ASS'Y

Fig. 2 4-section BOOM ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
30		080D 21060	Base-slide (160)	1			
31		0886 21050	Base-slide (160)	1			
32		080C 21160	Guide (20.5)	2			
33		0886 21060	Guide (33)	2			
34		0886 21070	Cover	1			
35		0119 51060	Plate	2			
36		01J2 32030	Spacer (2)	1			
37		0164 21070	Spacer	1			
38		0886 21080	Collar	1			
39		0805 35040	Collar	2			
40		BB21 00810	Sheave Ass'y	2 set			
41		☆					
42		7260 60022	Bearing	4			
43		0886 21140	Rope-wire (Boom Ext)	1			φ10×6770 ℓ
44		0886 21120	Rope-wire (Boom Ret)	1			φ8×12110 ℓ
45		7241 10300	Ring-snap	2			
46		7241 20300	Ring-snap	4			
47		☆					
48		0149 21321	Indicator	2			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
49		7241 90050	Nut-push	2			
50		☆					
51		☆					
52		7243 32000	Nipple-grease	1			
53		7231 08030	Pin-split	1			
54		7231 06025	Pin-split	2			
55		7161 08020	Bolt	2			
56		7142 05012	Bolt & Washer	6			
57		7222 11080	Washer-spring	2			
58		7114 18130	Bolt	1			
59		7211 11160	Nut	6			
60		7119 12025	Bolt	1			
61		7221 12120	Washer-plain	1			
62		7222 11120	Washer-spring	1			
63		7117 10022	Bolt	4			
64		7601 29046	Bolt & Washer	2			
65		7141 10020	Bolt & Washer	2			
66		7141 10016	Bolt & Washer	6			
67		7601 29052	Bolt & Washer	24			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 2 4-section BOOM ASS'Y

Fig. 2 4-section BOOM ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
68		7142 06015	Bolt & Washer	1			
69		7221 12050	Washer-Plain	4			
70		0887 21110	Plate-slide Ass'y	12			
71		7222 11100	Washer-spring	4			
72		0886 21130	Guide (23.5)	2			
73		0182 21110	Collar	1			
74		0807 21121	Plate	1			
75		083H 21111	Shim, t = 1.0	12			
76		0882 21181	Shim, t = 0.5	6			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

○...Interchangeable. ○...New parts can interchangeable of old parts, but not vice-versa. ×...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 3 5-section BOOM ASS'Y

Fig. 3 5-section BOOM ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~87		08A8 21000	5-Section Boom Ass'y	1 set	△		
1	⇄	0887 21013	Boom (1)	1			
	⇄	0887 21014	Boom (1)	1			
	⇄	0887 21015	Boom (1)	1		A508352~	
2	⇄	08A8 21010	Boom (2)	1			
	⇄	08A8 21011	Boom (2)	1		A507092~	
3	⇄	0887 21032	Boom (3)	1			
	⇄	0887 21033	Boom (3)	1		A507092~	
4	⇄	0887 21041	Boom (4)	1			
	⇄	0887 21042	Boom (4)	1		A507092~	
5		08A8 21020	Boom (5)	1			
6		K821 00810	Sheave Ass'y	3 set			
7		0185 21031	Sheave (4.85 × 55)	1			
8		AC21 00810	Sheave Ass'y	2 set			
9		0885 21040	Plate-slide (nylon)	4			
10		0190 21061	Plate-slide (nylon)	4			
11		0190 21071	Plate-slide (nylon)	2			
12		0887 21060	Plate-slide (nylon)	2			
13		0190 21090	Plate-slide (nylon)	4			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
14		0887 21110	Plate-slide Ass'y	16			
15		0806 21130	Plate	1			
16		☆					
17		0806 21151	Plate	1			
18		0882 21120	Roller	1			
19		0806 21060	Roller	1			
20		0182 11060	Bushing	2			
21		0188 21090	Pin (55)	1			
22		0146 21141	Pin (35)	1			
23		0188 21120	Pin (30)	1			
24		0188 21130	Pin (30)	1			
25		0193 21080	Pin (25)	1			
26		0190 21180	Pin (25)	2			
27		0882 21150	Pin (15)	1			
28		0806 21110	Pin (15)	1			
29	⇄	0145 23050	Pin (20)	1			
	⇄	088D 21090	Pin (20)	1		'91.9~	
30		☆					
31		0149 21180	Pin (35)	1			

⇄...Interchangeable. ⇄...New parts can interchangeable of old parts, but not vice-versa. ⇄...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 3 5-section BOOM ASS'Y

Fig. 3 5-section BOOM ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
32		0807 21081	Sheave (3.25 × 100)	1			
33		0805 35040	Collar	2			
34		0887 21070	Cover	1			
35		0119 51060	Plate	2			
36		0182 21110	Collar	1			
37		01J2 32030	Spacer (2)	1			
		DC55 01230	Cover	1		A507127~	
38		☆					
39		0885 21110	Base-slide (200)	1			
40		080D 21060	Base-slide (160)	1			
41		080C 21051	Base-slide (160)	1			
42		0887 21121	Base-slide (120)	1			
43		080D 21070	Guide (7.5)	4			
44		080C 21070	Guide (11.5)	2			
45		080D 21110	Guide (16.5)	2			
46		☆					
47		☆					
48		0190 21270	Indicator	2			
49		0887 21130	Rope-wire (Boom Ext)	1			φ 9

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
50		0887 21090	Rope-wire (Boom Ret)	1			φ 6
51		7260 60022	Bearing	4			
52		0164 21070	Spacer	2			
53		☆					
54		☆					
55		7142 05012	Bolt & Washer	6			
56		7142 06015	Bolt & Washer	1			
57		7141 10016	Bolt & Washer	4			
58		7111 10016	Bolt	4			
59		7601 29052	Bolt & Washer	32			
60		7601 29045	Bolt & Washer	4			
61		7117 10022	Bolt	2			
62		7117 10025	Bolt	2			
63		7222 31100	Washer-conical spring	8			
64		7119 12025	Bolt	1			
65		7114 14140	Bolt	1			
66		7221 12100	Washer-plain	4			
67		7221 12120	Washer-plain	1			
68		7221 12050	Washer-plain	4			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 3 5-section BOOM ASS'Y

Fig. 3 5-section BOOM ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
69		7222 11080	Washer-spring	2			
70		7222 11120	Washer-spring	1			
71		7211 11160	Nut	6			
72		7241 90050	Nut-push	2			
73		7231 08030	Pin-split	1			
74		☆					
75		7241 10300	Ring-snap	2			
76		7241 20250	Ring-snap	4			
77		7241 20300	Ring-snap	2			
78		7243 32000	Nipple-grease	1			
79		7161 08020	Bolt	2			
80		7231 06025	Pin-split	2			
81		☆					
82		080C 21140	Shim, t = 1.0	8			
83		0882 21190	Collar	1			
84		☆					
85		7141 10020	Bolt & Washer	2			
86		0882 21181	Shim, t = 0.5	12			
87		083H 21111	Shim, t = 1.0	16			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 4 6-section BOOM ASS'Y

Fig. 4 6-section BOOM ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~99	0888 21000	6-Section Boom Ass'y	1 set	△		
1	0888 21014	Boom (1)	1			
2	0888 21022	Boom (2)	1			
3	0888 21033	Boom (3)	1			
4	0888 21044	Boom (4)	1			
5	0888 21055	Boom (5)	1			
6	0888 21062	Boom (6)	1			
7	K821 00810	Sheave Ass'y	2 set			
8	0888 21070	Sheave	2			
9	AC21 00810	Sheave Ass'y	2 set			
10	0185 21031	Sheave	1		—	
11	083D 21450	Plate-slide	4			
12	083D 21460	Plate-slide	2			
13	0885 21040	Plate-slide (nylon)	4			
14	0888 21270	Plate-slide (nylon)	2			
15	083D 21480	Plate-slide	8			
16	083D 21090	Plate-slide Ass'y	12			
17	0887 21110	Plate-slide Ass'y	8			
18	0182 11060	Bush	2			

KEY No.	PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
19	0806 21130	Plate	1			
20	0888 21110	Roller	1			
21	0882 21130	Roller	1			
22	0142 21350	Pin (10)	2			
23	0888 21120	Pin (55)	1			
24	0888 21130	Pin (40)	1			
25	0149 21180	Pin (35)	1			
26	0888 21140	Pin (30)	1			
27	0158 21050	Pin (30)	1			
28	0888 21150	Pin (25)	1			
29	0193 21090	Pin (25)	2			
30	0888 21160	Pin (15)	1			
31	0882 21160	Pin (15)	1			
32	088H 21070	Pin (20)	1			
33	0146 21141	Pin (35)	1			
34	0805 21111	Pin (35)	1			
35	0882 21371	Pin (20)	2			
36	0888 21170	Collar	1			
37	0888 21180	Collar	2			

○...Interchangeable. ○...New parts can interchangeable of old parts, but not vice-versa. ✕...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 4 6-section BOOM ASS'Y

Fig. 4 6-section BOOM ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
38		0143 32050	Collar	1			
39		0182 21110	Collar	1			
40		0125 21230	End-plate	1			
41		0119 51060	Plate	1			
42		0804 21021	Plate	1			
43		0885 21090	Plate	1			
44		0888 21190	Base-slide (200)	1			
45		0885 21110	Base-slide (200)	1			
46		0888 21210	Base-slide (160)	1			
47		0888 21220	Base-slide (160)	1			
48		0887 21121	Base-slide (120)	1			
49		0888 21290	Guide Ass'y (21)	2			
50		080C 21070	Guide (11.5)	4			
51		0888 21280	Guide Ass'y (11)	2			
52		0807 21081	Sheave	1			
53		0887 21070	Cover	1			
54		0805 21180	Socket-wire	1			
55		0123 32090	Wedge	1			
56		0190 21270	Indicator	2			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
57		0888 21240	Rope-wire (Boom Ext)	1			φ 12
58		0888 21250	Rope-wire (Boom Ext)	1			φ 9
59		0888 21260	Rope-wire (Boom Ret)	1			φ 6
60		0806 21070	Bolt-adjust	2			
61		7260 60022	Bearing	4			
62		7260 62082	Bearing	4			
63		☆					
64		☆					
65		7142 05012	Bolt & Washer	6			
66		7141 10025	Bolt & Washer	2			
67		7142 06015	Bolt & Washer	1			
68		7141 10016	Bolt & Washer	9			
69		7141 10020	Bolt & Washer	4			
70		7601 29052	Bolt & Washer	40			
71		7117 10015	Bolt	2			
72		7119 12025	Bolt	1			
73		0164 21070	Spacer	1			
74		7161 08020	Bolt	2			
75		7114 14140	Bolt	1			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 4 6-section BOOM ASS'Y

Fig. 4 6-section BOOM ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
76		7221 12120	Washer-plain	1			
77		7221 12050	Washer-plain	4			
78		7222 11080	Washer-spring	2			
79		7222 31100	Washer-conical spring	10			
80		7222 11120	Washer-spring	1			
81		7117 10020	Bolt	6			
82		7117 10025	Bolt	2			
83		7211 11160	Nut	12			
84		7231 06025	Pin-split	2			
85		7231 08030	Pin-split	1			
86		7241 10200	Ring-snap	2			
87		7241 10300	Ring-snap	2			
88		7241 20300	Ring-snap	2			
89		7241 20250	Ring-snap	4			
90		7241 20800	Ring-snap	2			
91		7241 10250	Ring-snap	4			
92		7243 32000	Nipple-grease	1			
93		7241 90050	Nut-push	2			
94		0882 21180	Shim	12			t 0.5

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
95		0888 21310	Shim	18			t 0.5
96		7221 12100	Washer-plain	2			
97		0882 21410	Guide Ass'y (12.5)	2			
98		0888 21230	Plate	2			
99		7142 06010	Bolt & Washer	2			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 5 **EXTENSION CYLINDER (1) ASS'Y (UR503)**

Fig. 5 EXTENSION CYLINDER (1) ASS'Y (UR503)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~25		0885 15000	Extension cylinder (1) Ass'y	1 set			
1		0885 15013	Tube Ass'y	1			
2		0885 15022	Rod Ass'y (1)	1			
		0885 15023	Rod Ass'y (1)	1			
		0885 15024	Rod Ass'y (1)	1			
3		0183 14031	Gland	1			
4		0885 15030	Piston	1			
5		0885 15040	Pipe-slide	1			
6		0800 14050	Stopper	1			
7		0805 15060	Nut	1			
8		0805 15071	Selector valve Ass'y	1			
			SEE Fig. 7				
S 9		8230 50060	Packing	1			
S 10		8230 60070	Packing	2			
S 11		8380 18024	Packing	1			
S 12		8280 50060	Ring-back up	1			
S 13		8280 60070	Ring-back up	2			
S 14		7321 21018	Ring-back up	2			
S 15		7311 91016	Ring-"O"	2			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
S 16		7311 91015	Ring-"O"	2			
S 17		7311 71018	Ring-"O"	1			
S 18		7311 91063	Ring-"O"	1			
S 19		7311 91026	Ring-"O"	1			
S 20		7311 92050	Ring-"O"	1			
S 21		8290 50058	Seal-dust	1			
22		7049 06008	Screw-set	1			
23		7049 06006	Screw-set	1			
24		7161 08030	Bolt	3			
25		7161 08100	Bolt	3			
26		6014 73000	Extension cylinder holding valve Ass'y	1			CB-03ET
			SEE Fig. HP3				
S		9188 515P0	Packing set	1 set			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 6 EXTENSION CYLINDER (2) ASS'Y (UR503)

Fig. 6 EXTENSION CYLINDER (2) ASS'Y (UR503)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~25		0885 17000	Extension cylinder (2) Ass'y	1 set			
1		0885 17010	Tube Ass'y (1)	1			
2	○	0885 17020	Rod Ass'y (1)	1			
	○	0885 17060	Rod Ass'y (1)	1			
3		0143 14032	Gland	1			
4		0183 16021	Cover-cylinder	1			
5		0885 17030	Piston	1			
6		0885 17040	Bracket	1			
7		0885 17051	Band	1			
8		0805 17070	Pin	2			
S 9		8230 45055	Packing	1			
S 10		8230 50060	Packing	2			
S 11		8280 45055	Ring-back up	1			
S 12		8280 50060	Ring-back up	2			
S 13		7311 91012	Ring-"O"	2			
S 14		7311 92030	Ring-"O"	1			
S 15		7311 92055	Ring-"O"	1			
S 16		8290 45053	Seal-dust	1			
17		7114 14050	Bolt	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
18		7211 11140	Nut	2			
19		7049 06006	Screw-set	1			
20		7049 06010	Screw-set	1			
21		7161 12030	Bolt	3			
22		7161 08015	Bolt	4			
23		7222 11080	Washer-spring	4			
24		08H6 17031	Plate	1			
25		7161 10020	Bolt	2			
S		9188 517P0	Packing set	1 set			

○...Interchangeable. ○...New parts can interchangeable of old parts, but not vice-versa. ×...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 7 SELECTOR VALVE ASS'Y (UR503)

Fig. 7 SELECTOR VALVE ASS'Y (UR503)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1～15		0805 15071	Selector valve Ass'y	1 set			
1		☆	Body	1	△		
2		K815 07020	Check valve (1)	1			
3		V314 09031	Check valve (2)	1			
4		K815 07070	Spool	1			
5		☆	Collar	1	△		
6		☆	Cover	1	△		
7		K815 07050	Spring (1)	1			
8		K815 07060	Spring (2)	1			
9		7311 71006	Ring-"O"	2			
10		7701 70033	Ring-"O"	1			
11		7321 21006	Ring-back up	1			
12		7701 80040	Ring-back up	2			
13		7287 20100	Plug	2			
14		7161 08015	Bolt	1			
15		7241 20140	Ring-snap	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

Q...Interchangeable. Q...New parts can interchangeable of old parts, but not vice-versa. ×...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 8 EXTENSION CYLINDER (1) ASS'Y (UR504)

Fig. 8 EXTENSION CYLINDER (1) ASS'Y (UR504)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~32		0886 15000	Extension cylinder (1) Ass'y	1 set			
1		0886 15011	Tube Ass'y (1)	1			
		0886 15012	Tube Ass'y (1)	1			
2		0885 15022	Rod Ass'y (1)	1			
		0885 15023	Rod Ass'y (1)	1			
		0885 15024	Rod Ass'y (1)	1			
3		0183 14031	Gland	1			
4		0885 15030	Piston	1			
5		0886 15020	Pipe-slide	1			
6		0800 14050	Stopper	1			
7		0805 15060	Nut	1			
8		0806 15031	Selector valve Ass'y	1			
			SEE Fig. 16				
9		0886 15030	Sheave	1			
10		0190 15131	Roller	1			
11		0806 15051	Pin (10)	1			
S 12		8230 50060	Packing	1			
S 13		8230 60070	Packing	2			
S 14		8380 18024	Packing	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
S 15		8280 50060	Ring-back up	1			
S 16		8280 60070	Ring-back up	2			
S 17		7311 91015	Ring-"O"	2			
S 18		7311 71018	Ring-"O"	1			
S 19		7311 91063	Ring-"O"	1			
S 20		7311 91026	Ring-"O"	1			
S 21		7311 92050	Ring-"O"	1			
S 22		7321 21018	Ring-back up	2			
S 23		8290 50058	Seal-dust	1			
24		7049 06006	Screw-set	1			
25		7049 06008	Screw-set	1			
26		7161 08100	Bolt	3			
27		7161 10025	Bolt	4			
28		7241 10100	Ring-snap	1			
29		7222 11100	Washer-spring	4			
30		7161 08030	Bolt	3			
S 31		7311 91016	Ring-"O"	2			
32		7234 03012	Pin-spring	1			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 8 EXTENSION CYLINDER (1) ASS'Y (UR504)

Fig. 8 EXTENSION CYLINDER (1) ASS'Y (UR504)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
33		6014 73000	Extension cylinder holding valve Ass'y	1			CB-03ET
			SEE Fig. HP3				
S		9188 515P0	Packing set	1 set			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 9 EXTENSION CYLINDER (2) ASS'Y (UR504)

Fig. 9 EXTENSION CYLINDER (2) ASS'Y (UR504)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~35		0886 17000	Extension cylinder (2) Ass'y	1 set			
1		0886 17010	Tube Ass'y (1)	1			
2		0886 17021	Rod Ass'y (1)	1			
		0886 17022	Rod Ass'y (1)	1			
3		0886 17030	Gland	1			
4		0886 17040	Piston	1			
		0886 17041	Piston	1			
5		083J 19050	Plunger	1			
6		0806 17060	Sheave (4.5 × 120)	2			
7		0886 17050	Cover	1			
8		0886 17060	Bracket	1			
		0886 17070	Bracket	1			
		0886 17071	Bracket	1		A508225~	
9		080C 17060	Roller	2			
10		080C 17070	Pin (15)	2			
S 11		8230 50060	Packing	1			
S 12		8320 62075	Packing	2			
S 13		8290 50058	Seal-dust	1			
S 14		7311 91012	Ring-"O"	2			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
S 15		7311 91016	Ring-"O"	1			
S 16		7311 92050	Ring-"O"	1			
S 17		7311 92070	Ring-"O"	1			
S 18		8280 50060	Ring-back up	1			
S 19		7321 21016	Ring-back up	1			
S 20		8330 62075	Ring-back up	2			
S 21		8340 12015	Seal-cushion	1			
22		7241 60160	Ring-snap	1			
23		7049 06010	Screw-set	1			
24		7161 08020	Bolt	4			
25		7161 12035	Bolt	4			
26		7141 08015	Bolt & Washer	4			
27		7142 05012	Bolt & Washer	2			
28		7114 14050	Bolt	1			
		0158 15071	Bolt	1			
29		7211 11140	Nut	2			
30		7231 06030	Pin-sprit	2			
31		7260 60102	Bearing	2			
32		084D 17050	Plate-slide	2			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 9 EXTENSION CYLINDER (2) ASS'Y (UR504)

Fig. 9 EXTENSION CYLINDER (2) ASS'Y (UR504)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
33		7015 08015	Screw-machine	2			
34		08H6 17031	Plate (1)	1			
35		7161 10020	Bolt	2			
S		9188 617P0	Packing set	1 set			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 10 EXTENSION CYLINDER (1) ASS'Y (UR505)

Fig. 10 EXTENSION CYLINDER (1) ASS'Y (UR505)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~29		0887 15000	Extension cylinder (1) Ass'y	1 set			
1		0887 15011	Tube Ass'y (1)	1			
		0887 15012	Tube Ass'y (1)	1			
		0885 15013	Rod Ass'y (1)	1			
2		0885 15022	Rod Ass'y (1)	1			
		0885 15023	Rod Ass'y (1)	1			
		0885 15024	Rod Ass'y (1)	1			
3		0183 14031	Gland	1			
4		0885 15030	Piston	1			
5		0887 15020	Pipe-slide	1			
6		0800 14050	Stopper	1			
7		0805 15060	Nut	1			
8		0806 15031	Selector valve Ass'y	1			
			SEE Fig. 16				
9		0190 14111	Roller	1			
S 10		8230 50060	Packing	1			
S 11		8230 60070	Packing	2			
S 12		8380 18024	Packing	1			
S 13		8280 50060	Ring-back up	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
S 14		8280 60070	Ring-back up	2			
S 15		7311 91015	Ring-"O"	2			
S 16		7311 71018	Ring-"O"	1			
S 17		7311 91063	Ring-"O"	1			
S 18		7311 91026	Ring-"O"	1			
S 19		7311 92050	Ring-"O"	1			
S 20		7321 21018	Ring-back up	2			
S 21		8290 50058	Seal-dust	1			
22		7049 06006	Screw-set	1			
23		7049 06008	Screw-set	1			
24		7161 08100	Bolt	3			
25		7111 10100	Bolt	1			
26		7211 11100	Nut	1			
27		7161 08030	Bolt	3			
S 28		7311 91016	Ring-"O"	2			
29		7221 12100	Washer-plain	2			
30		6014 73000	Extension cylinder holding valve Ass'y	1			CB-03ET
			SEE Fig. HP3				

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 10 **EXTENSION CYLINDER (1) ASS'Y (UR505)**

Fig. 10 EXTENSION CYLINDER (1) ASS'Y (UR505)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
S		9188 515P0	Packing set	1 set			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 11 EXTENSION CYLINDER (2) ASS'Y (UR505)

Fig. 11 EXTENSION CYLINDER (2) ASS'Y (UR505)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~48		0887 17000	Extension cylinder (2) Ass'y	1 set			
1		0887 17011	Tube Ass'y (1)	1			
2		0887 17060	Rod Ass'y (1)	1			
		0887 17061	Rod Ass'y (1)	1			
3		0193 15031	Gland	1			
4		0887 17070	Piston	1			
5		083J 17050	Plunger	1			
6		0887 17080	Pipe-slide	1			
7		0800 14050	Stopper	1			
8		0805 15060	Nut	1			
9		0807 17060	Spacer	1			
10		0806 15031	Selector valve Ass'y	1			
			SEE Fig. 16				
11		0887 17050	Bracket	1			
		0887 17090	Bracket	1			
		0887 17091	Bracket	1		A508225~	
12		0807 17080	Sheave	1			
13		0190 15131	Roller	1			
14		0806 15050	Pin (10)	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
15		080C 17060	Roller	1			
16		7114 14050	Bolt	1			
		0158 15071	Bolt	1			
S 17		8380 18024	Packing	1			
S 18		8230 45055	Packing	1			
S 19		8320 50060	Packing	2			
S 20		8290 45053	Seal-dust	1			
S 21		7311 91012	Ring-"O"	2			
S 22		7311 91015	Ring-"O"	4			
S 23		7311 71018	Ring-"O"	1			
S 24		7311 91026	Ring-"O"	1			
S 25		7311 91053	Ring-"O"	1			
S 26		7311 92025	Ring-"O"	2			
S 27		7311 92045	Ring-"O"	1			
S 28		8280 45055	Ring-back up	1			
S 29		7321 21018	Ring-back up	2			
S 30		7321 22025	Ring-back up	2			
S 31		8330 50060	Ring-back up	2			
32		7234 03012	Pin-spring	1			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 11 EXTENSION CYLINDER (2) ASS'Y (UR505)

Fig. 11 EXTENSION CYLINDER (2) ASS'Y (UR505)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
33		7161 08110	Bolt	3			
34		7161 10020	Bolt	5	Q		Q'ty 5 was 3
35		7161 10025	Bolt	4			
36		7161 12035	Bolt	4			
37		7211 11140	Nut	2			
38		7222 11100	Washer-spring	7			
39		7049 06006	Screw-set	2			
40		7241 10100	Ring-snap	1			
S 41		8340 25029	Seal-cushion	1			
42		7241 70250	Ring-snap	1			
43		080C 17070	Pin (15)	1			
44		7231 06030	Pin-sprit	1			
45		7142 05012	Bolt & Washer	1			
46		084D 17050	Plate-slide	2			
47		7015 08012	Screw-machine	2			
48		08H8 17030	Plate	1			
S		9188 717P0	Packing set	1 set			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

Q...Interchangeable. Q...New parts can interchangeable of old parts, but not vice-versa. Q...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 12 EXTENSION CYLINDER (3) ASS'Y (UR505)

Fig. 12 EXTENSION CYLINDER (3) ASS'Y (UR505)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~34		0887 19000	Extension cylinder (3) Ass'y	1 set			
1		0887 19011	Tube Ass'y (1)	1			
2		0887 19020	Rod Ass'y (1)	1			
3		0887 19030	Gland	1			
4		0887 19040	Piston	1			
5		083J 19050	Plunger	1			
6		0190 16090	Sheave	2			
7		0887 19051	Cover	1			
8		0887 19061	Bracket	1			
		0887 19062	Bracket	1			
		0887 19080	Bracket	1			
		0887 19081	Bracket	1		A508225~	
9		080C 17060	Roller	2			
10		080C 17070	Pin (15)	2			
S 11		8390 40050	Packing	1			
S 12		8320 50060	Packing	2			
S 13		8290 40048	Seal-dust	1			
S 14		7311 91016	Ring-"O"	1			
S 15		7311 91053	Ring-"O"	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
S 16		7311 92040	Ring-"O"	1			
S 17		7311 91012	Ring-"O"	2			
S 18		8400 40050	Ring-back up	1			
S 19		7321 21016	Ring-back up	1			
S 20		8330 50060	Ring-back up	2			
S 21		8340 12015	Seal-cushion	1			
22		7241 60160	Ring-snap	1			
23		7049 06008	Screw-set	1			
24		7161 08020	Bolt	4			
25		7161 12035	Bolt	4			
26		7141 08015	Bolt & Washer	5			
27		7142 05012	Bolt & Washer	2			
28		7114 14050	Bolt	1			
		0158 15071	Bolt	1			
29		7211 11140	Nut	2			
30		7231 06030	Pin-split	2			
31		7260 60082	Bearing	2			
32		0887 19070	Plate-slide	1			
33		08H8 19030	Plate	1			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 12 EXTENSION CYLINDER (3) ASS'Y (UR505)

Fig. 12 EXTENSION CYLINDER (3) ASS'Y (UR505)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
34		7161 10020	Bolt	2			
S		9188 719P0	Packing set	1 set			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 13 EXTENSION CYLINDER (1)ASS'Y(UR506)

Fig. 13 EXTENSION CYLINDER (1)ASS'Y(UR506)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~29		0888 15000	Extension cylinder (1) Ass'y	1 set			
1		0888 15013	Tube Ass'y (1)	1			
2		0885 15024	Rod Ass'y (1)	1			
3		0183 14031	Gland	1			
4		0885 15030	Piston	1			
5		0888 15020	Pipe-slide	1			
6		0800 14050	Stopper	1			
7		0805 15060	Nut	1			
8		0806 15031	Selector valve Ass'y	1			
			See Fig. 16				
9		0190 14111	Roller	1			
S 10		8230 50060	Packing	1			
S 11		8230 60070	Packing	2			
S 12		8380 18024	Packing	1			
S 13		8280 50060	Ring-back up	1			
S 14		8280 60070	Ring-back up	2			
S 15		7311 91015	Ring-"O"	2			
S 16		7311 71018	Ring-"O"	1			
S 17		7311 91063	Ring-"O"	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
S 18		7311 91026	Ring-"O"	1			
S 19		7311 92050	Ring-"O"	1			
S 20		7321 21018	Ring-back up	2			
S 21		8290 50058	Seal-dust	1			
22		7049 06006	Screw-set	1			
23		7049 06008	Screw-set	1			
24		7161 08100	Bolt	3			
25		7111 10100	Bolt	1			
26		7211 11100	Nut	1			
27		7161 08030	Bolt	3			
S 28		7311 91016	Ring-"O"	2			
29		7221 12100	Washer-plain	2			
30		6014 73000	Extension cylinder holding valve Ass'y	1			CB-03ET
			See Fig. HP3				
S		9188 515P0	Packing set	1 set			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 14 EXTENSION CYLINDER(2)ASS'Y(UR506)

Fig. 14 EXTENSION CYLINDER(2)ASS'Y(UR506)

KEY No.	PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~52	0888 17000	Extension cylinder (2) Ass'y	1 set			
1	0888 17011	Tube Ass'y (1)	1			
2	0888 17021	Rod Ass'y (1)	1			
3	0193 15031	Gland	1			
4	0887 17030	Piston	1			
5	0807 17041	Plunger	1			
6	0887 17040	Pipe-slide	1			
7	0800 14050	Stopper	1			
8	0805 15060	Nut	1			
9	0807 17060	Spacer	1			
10	0806 15031	Selector valve Ass'y	1			
		See Fig. 16				
11	0888 17030	Bracket (1)	1			
12	0888 17042	Bracket (2)	1			
13	0190 15131	Roller	1			
14	0888 17050	Sheave	2			
15	0882 17080	Roller	2			
16	0888 17060	Pin (10)	1			
S 17	8380 18024	Packing	1			

KEY No.	PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
S 18	8230 45055	Packing	1			
S 19	8320 50060	Packing	2			
S 20	8290 45053	Seal-dust	1			
S 21	7311 91012	Ring-"O"	2			
S 22	7311 91015	Ring-"O"	4			
S 23	7311 71018	Ring-"O"	1			
S 24	7311 91026	Ring-"O"	1			
S 25	7311 91053	Ring-"O"	1			
S 26	7311 92025	Ring-"O"	2			
S 27	7311 92045	Ring-"O"	1			
S 28	8280 45055	Ring-back up	1			
S 29	7321 21018	Ring-back up	2			
S 30	7321 22025	Ring-back up	2			
31	7049 06006	Screw-set	2			
32	7114 14050	Bolt	1			
33	7161 08110	Bolt	3			
34	7161 08016	Bolt	4			
35	7161 12070	Bolt	2			
36	7161 12035	Bolt	4			

◇...Interchangeable. ◇...New parts can interchangeable of old parts, but not vice-versa. ✕...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 14 EXTENSION CYLINDER(2)ASS'Y(UR506)

Fig. 14 EXTENSION CYLINDER(2)ASS'Y(UR506)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
37		7211 11140	Nut	2			
38		7222 11120	Washer-spring	2			
39		7241 10150	Ring-snap	2			
40		7142 06012	Bolt & Washer	1			
S 41		8340 25029	Seal-cushion	1			
42		7241 70250	Ring-snap	1			
43		7222 11080	Washer-spring	4			
44		7260 60082	Bearing	2			
45		7260 63022	Bearing	2			
46		7241 20420	Ring-snap	2			
S 47		8330 50060	Ring-back up	2			
48		0888 17071	Cover (1)	1			
49		084D 17050	Plate-slide	2			
50		7015 08012	Screw-machine	2			
51		0888 17081	Cover (2)	1			
52		7141 08015	Bolt & Washer	4			
S		9188 717P0	Packing set	1 set			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 15 EXTENSION CYLINDER(3)ASS'Y(UR506)

Fig. 15 EXTENSION CYLINDER(3)ASS'Y(UR506)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~35		0888 19000	Extension cylinder (3) Ass'y	1 set			
1		0888 19010	Tube Ass'y (1)	1			
2		0888 19021	Rod Ass'y (1)	1			
3		0183 14031	Gland	1			
4		0888 19031	Piston	1			
5		083J 19050	Plunger	1			
6		0190 16090	Sheave	2			
7		0888 19040	Cover	1			
8		0888 19060	Bracket	1			
9		0882 17080	Roller	4			
S 10		8230 50060	Packing	1			
S 11		8320 57070	Packing	2			
S 12		8290 50058	Seal-dust	1			
S 13		7311 91016	Ring-"O"	1			
S 14		7311 91063	Ring-"O"	1			
S 15		7311 92050	Ring-"O"	1			
S 16		7311 91012	Ring-"O"	2			
S 17		8280 50060	Ring-back up	1			
S 18		7321 21016	Ring-back up	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
S 19		8330 57070	Ring-back up	2			
S 20		8340 12015	Seal-cushion	1			
21		7241 60160	Ring-snap	1			
22		7049 06008	Screw-set	1			
23		7161 08020	Bolt	4			
24		7161 12035	Bolt	4			
25		7141 08015	Bolt & Washer	5			
26		0158 15071	Bolt	1			
27		7211 11140	Nut	2			
28		7260 60082	Bearing	2			
29		7260 63022	Bearing	4			
30		7241 20420	Ring-snap	4			
31		7241 10150	Ring-snap	4			
32		7222 11080	Washer-supuring	4			
33		0887 19070	Plate-slide	1			
34		08H8 19030	Plate	1			
35		7161 10020	Bolt	2			
S		9188 819P0	Packing set	1 set			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 16 SELECTOR VALVE ASS'Y(UR504, 505, 506)

Fig. 16 SELECTOR VALVE ASS'Y (UR504, 505, 506)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~15		0806 15031	Selector valve Ass'y	1 set			
1		☆	Body	1	△		
2		K815 07020	Check valve (1)	1			
3		V314 09031	Check valve (2)	1			
4		K815 07070	Spool	1			
5		☆	Collar	1	△		
6		☆	Cover	1	△		
7		K815 07050	Spring (1)	1			
8		K815 07060	Spring (2)	1			
9		7311 71006	Ring-"O"	2			
10		7701 70033	Ring-"O"	1			
11		7321 21006	Ring-back up	1			
12		7701 80040	Ring-back up	2			
13		7287 20100	Plug	2			
14		7161 08015	Bolt	1			
15		7241 20140	Ring-snap	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 17-1 HOOK ASS'Y (UR503, 504, 505)

17-1 HOOK ASS'Y (UR503, 504, 505)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~27		0889 35000	Hook Ass'y	1 set			
1		0223 32010	Hook	1			
2		0223 32040	Trunnion	1			
3		0223 32050	Nut	1			
4	↱	0889 35010	Side plate	1			
	○						
	↳	0889 35011	Side plate	1			
5		0889 35020	Side plate	1			
6		L335 00810	Sheave Ass'y	2 set			
7		☆					
8		0370 39090	Pin (1)	1			
9		0889 35030	Pin (35)	1			
10		0805 35040	Collar	1			
11		01H6 21040	Collar	1			
12		0188 21190	Collar	1			
13		0157 32060	Collar	4			
14		0370 39080	Stopper (1)	1			
15		0370 39110	Spring	1			
16		7231 03020	Pin-split	2			
17		7231 10045	Pin-split	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
18	↱	7234 10090	Pin-spring	1			
	○						
	↳	7234 10100	Pin-spring	1			
19		7111 12190	Bolt	4			
20		7211 11120	Nut	4			
21		7222 11120	Washer-spring	4			
22		7141 08020	Bolt with Washer	1			
23		7265 12100	Thrust bearing	1			
24		0805 21180	Socket-wire	1			
25		0123 32090	Wedge	1			
26		0805 21111	Pin (35)	1			
27		7141 10016	Bolt with Washer	1			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 17-2 HOOK ASS'Y(UR506)

Fig. 17-2 HOOK ASS'Y(UR506)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~18		0807 35000	Hook Ass'y	1 set			
1		0807 35012	Side plate Ass'y	1			
2		L335 00810	Sheave Ass'y	2 set			
3		☆					
4		0806 35030	Pin (35)	1			
5		0143 32071	Hook	1			
6		0138 32070	Nut	1			
7		0805 35030	Collar	1			
8		0805 35040	Collar	2			
9		0807 35030	Stopper	1			
A10		☆	Stopper	1	△		
A11		☆	Spring	1	△		
12		7602 10075	Thrust bearing	1			
13		7234 05050	Pin-spring	1			
A14		7234 07055	Pin-spring	1			
15		7231 10045	Pin-split	1			
16		7141 08020	Bolt & Washer	1			
17		7141 10020	Bolt & Washer	2			
A18		9110 00022	Stopper Ass'y	1 set			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 18 SAFETY DEVICE ASS'Y

Fig. 18 SAFETY DEVICE ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q'ty 503	Q'ty 504	Q'ty 505	Q'ty 506	MARK	SERIAL No.	NOTE
1~43	☆	Safety device Ass'y	1 set	1 set	1 set	1 set	△		
1	7505 16001	Band-wire	9	9	9	9			
2	7505 23002	Clamp-wire	15	15	15	15			
3	7601 10059	Tapping screw	15	15	15	15			
4	08A4 96010	Bracket	1	1	1	1			
5	0891 96021	Relay box Ass'y	1	1	1	1			
6	7142 06010	Bolt & Washer	2	2	2	2			
7	6031 39000	Outrigger warning alarm	1	1	1	1			
8	08A4 96020	Bracket	2	2	2	2			
9	7221 12100	Washer-plain	2	2	2	2			
10	7503 06010	Switch-limit	2	2	2	2			
11	7505 01004	Connector (W・F)	6	6	6	6			
12	7505 01005	Connector (M)	15	15	15	15			
13	7505 01006	Connector (F)	5	5	5	5			
14	7505 16002	Band-wire	9	9	9	9			
15	0111 89011	Warning buzzer switch	2	2	2	2			
16	7506 02072	Cord-vinyl (green)	ℓ	ℓ	ℓ	ℓ			ℓ = 3m
17	7506 02004	Cord-vinyl (black)	ℓ	ℓ	ℓ	ℓ			ℓ = 2m
18	7505 09005	Terminal	12	12	12	12			
19	7505 13006	Tube-wire (black)	ℓ	ℓ	ℓ	ℓ			ℓ = 1m
20	7505 13004	Tube-wire (black)	ℓ	ℓ	ℓ	ℓ			ℓ = 0.5m
21	7506 04007	Cable-cab tire	ℓ	ℓ	ℓ	ℓ			ℓ = 1m
22	7506 02019	Cord-vinyl (red)	ℓ	ℓ	ℓ	ℓ			ℓ = 3.5m
23	7506 02009	Cord-vinyl (blue)	ℓ	ℓ	ℓ	ℓ			ℓ = 1.2m
24	7015 03015	Screw-machine	4	4	4	4			
25	7211 11030	Nut	4	4	4	4			
26	7223 12030	Washer-tooth	4	4	4	4			
27	7142 06012	Bolt & Washer	8	8	8	8			
28	7142 06035	Bolt & Washer	2	2	2	2			
29	7012 04035	Screw-machine	4	4	4	4			
30	7221 12040	Washer-plain	4	4	4	4			
31	7222 11040	Washer-spring	4	4	4	4			
32	7211 11040	Nut	4	4	4	4			
33	7141 10015	Bolt & Washer	2	2	2	2			
A34	08H6 91010	Ring	2	2	2	2			
A35	0882 91011	Rope-wire	1	1	1	1			ℓ = 560
A36	0143 91031	Weight	1	1	1	1			
A37	7111 08070	Bolt	1	1	1	1			

⟷ ···Interchangeable. ⟷ ··· New parts can interchangeable of old parts, but not vice-versa. ⟷ ··· Not interchangeable. △··· Part not for sale. D···Disuse. Q··· Quantity change.

Fig. 18 SAFETY DEVICE ASS'Y

Fig. 18 SAFETY DEVICE ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty 503	Q'ty 504	Q'ty 505	Q'ty 506	MARK	SERIAL No.	NOTE
A38		7211 11080	Nut	2	2	2	2			
39	↗	6031 40000	Anti-two-block (detector)	1	1	1				
	↳	6032 18000	Anti-two-block (detector)	1	1	1			A506589~	
		6032 18000	Anti-two-block (detector)				1			
40		7604 52011	Grommet	1	1	1	1			
41		7506 02073	Cord-vinyl (green・red)	ℓ	ℓ	ℓ	ℓ			ℓ = 4m
42		7505 18009	Reel-cord	1						CR-2106U
		7505 18011	Reel-cord		1					CR-2108U
		7505 18021	Reel-cord			1				CR-2111U
		7505 18025	Reel-cord				1			CR-2118U
42-1		7505 18010	Cord-main	1						
		7505 18012	Cord-main		1					
		7505 18022	Cord-main			1				
		7505 18026	Cord-main				1			
42-2		7505 18007	Point Ass'y	1	1	1	1			
43		BA91 00810	Vinyl Cord Ass'y	ℓ	ℓ	ℓ	ℓ			ℓ = 3750

KEY No.		PARTS No.	PARTS NAME	Q'ty 503	Q'ty 504	Q'ty 505	Q'ty 506	MARK	SERIAL No.	NOTE
A	↗	N191 01810	Weight Ass'y	1 set	1 set	1 set				Incl. 34~38
	↳	N191 01811	Weight Ass'y	1 set	1 set	1 set			A506589~	Incl. 34~38
		N191 01811	Weight Ass'y				1 set			Incl. 34~38

↗↳ ···Interchangeable. ↳ ··· New parts can interchangeable of old parts, but not vice-versa. ↗↳ ···Not interchangeable. △··· Part not for sale. D···Disuse. Q··· Quantity change.

Fig. 19 **HYDRAULIC DRIVING DEVICE**

Fig. 19 HYDRAULIC DRIVING DEVICE

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~10		08A6 61000	Hydraulic driving device	1 set	△		
1		6019 04000	Control valve Ass'y	1			MV-30A
			See Fig. HP1				
2		7403 70001	Hydraulic motor (Hoist)	1			A10F25
		7403 70009	Hydraulic motor (Hoist)	1		91.5~	A10FL25
2-1		9110 00149	Seal set	1			
3		7403 20020	Hydraulic motor (Swing)	1			APSM40-40
3-1		9110 00150	Seal set	1			
4		6014 73000	Extension cylinder holding valve Ass'y	1			CB-03ET
			See Fig. HP3				
5		6014 74000	Boom lift cylinder holding valve Ass'y	1			CB-03ED
			See Fig. HP4				
6		6015 29000	Pilot check valve Ass'y	2			CP-02F
			See Fig. HP6				
7		7405 80600	Filter-return	1			
			See Fig. HP5				
7-1		7405 80204	Filter-cartridge	(1)			
7-2		7405 80201	Head	(1)	△		

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
8		7405 82023	Filter-suction	1			
9		6017 02000	Pilot check valve Ass'y	1			CP-03W
			See Fig. HP7				
10		7401 92030	Valve-solenoid	1			
		7401 92057	Valve-solenoid	1		A505926~	

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 20-1 PIPING (Boom lift cylinder)

Fig. 20-1 PIPING (Boom lift cylinder)

KEY No.		PARTS No.	PARTS NAME	Q·ty	MARK	SERIAL No.	NOTE
1~15		☆	Piping (Boom lift cylinder)	1 set	△		
1		7311 91014	Ring-"O"	1			
2		7285 71203	Connector	2			
3		77P4 12015	Pipe	ℓ			φ 12 × t1.5
4		7280 11200	Union	2			
5		7875 03083	Hose-pressure, nylon (Raise)	1			
6		770A 02J06	Adapter (M) (M)	1			
7		7875 02070	Hose-pressure, nylon (Lower)	1			
8		770A 02J04	Adapter (M) (M)	1			
9		7311 91011	Ring-"O"	1			
10		0885 65010	Clamp	2			
11		0885 65020	Bracket	1			
12		7111 08065	Bolt	2			
13		728S 57041	Connector	2			
14		7211 11080	Nut	2			
15		7222 11080	Washer-spring	2			

KEY No.		PARTS No.	PARTS NAME	Q·ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 20-2 **PIPING** (Hoist motor)

Fig. 20-2 PIPING (Hoist motor)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~18		☆	Piping (Hoist motor)	1 set	△		
1		7311 91014	Ring-"O"	2			
2		7285 71203	Connector	2			
3		7280 51203	Connector (M)	2			
4		0800 62030	Joint-hose	1			
5		77P4 12015	Pipe	ℓ			φ 12 × t1.5
6		7280 11200	Union	2			
7		01S0 73020	Joint	1			
8		7825 03069	Hose-pressure	2			
9		7702 90040	Joint	2			
10		0182 62050	Joint-hose	1			
11		77V3 12000	Hose-vinyl	ℓ			φ 12
12		7600 00867	Band-hose	6			
13		0157 62061	Joint-hose	1			
14		6041 12010	Cover	1			
15		7505 10013	Grommet	1			
16		7142 06012	Bolt & Washer	2			
17		728S 57041	Connector	3			
18		7505 16001	Band-wire	4			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 20-3 PIPING (Extension cylinder)

Fig. 20-3 PIPING (Extension cylinder)

KEY No.	PARTS No.	PARTS NAME	Q'ty 503	Q'ty 504	Q'ty 505	Q'ty 506	MARK	SERIAL No.	NOTE
1~13	☆	Piping (Extension cylinder)	1 set	1 set	1 set	1 set	△		
1	7311 91014	Ring-"O"	1	1	1	1			
2	7285 71203	Connector	2	2	2	2			
3	77P4 12015	Pipe	ℓ	ℓ	ℓ	ℓ			φ12×t1.5
4	7280 11200	Union	2	2	2	2			
5	7875 03135	Hose-pressure, nylon (Ext.)	1	1					
	7875 03141	Hose-pressure, nylon (Ext.)			1				
	7875 03156	Hose-pressure, nylon (Ext.)				1			
6	0182 62021	Joint	1	1	1	1			
7	0182 62011	Joint	1	1	1	1			
8	7875 02134	Hose-pressure, nylon (Ret.)	1	1					
	7875 02143	Hose-pressure, nylon (Ret.)			1				
	7875 02158	Hose-pressure, nylon (Ret.)				1			
9	7311 91011	Ring-"O"	1	1	1	1			
10	770A 02J04	Adapter (M) (M)	1	1	1	1			
11	770A 02J06	Adapter (M) (M)	1	1	1	1			
12	728S 57041	Connector	2	2	2	2			
13	7280 51203	Connector	2	2	2	2			

KEY No.	PARTS No.	PARTS NAME	Q'ty 503	Q'ty 504	Q'ty 505	Q'ty 506	MARK	SERIAL No.	NOTE

○ ···Interchangeable. ○ ··· New parts can interchangeable of old parts, but not vice-versa. ✕ ··· Not interchangeable. △ ··· Part not for sale. D···Disuse. Q···Quantity change.

Fig.20-4 PIPING (Swing motor)

Fig. 20-4 PIPING (Swing motor)

KEY No.		PARTS No.	PARTS NAME	Q·ty	MARK	SERIAL No.	NOTE
1~12		☆	Piping (Swing motor)	1 set	△		
1		728S 57041	Connector	2			
2		77P4 12015	Pipe	ℓ			φ 12 × t1.5
3		7280 51203	Connector (M)	2			
4		0805 65030	Clamp-pipe	2			
5		7141 10030	Bolt & Washer	4			
6		0805 65040	Joint-hose	1			
7		77V3 12000	Hose-vinyl	ℓ			φ 12
8		7600 00867	Band-hose	2			
9		0138 62030	Clamp-pipe	1			
10		085C 65020	Plate	1			
11		7141 10030	Bolt & Washer	1			
12		0800 62030	Joint-hose	1			

KEY No.		PARTS No.	PARTS NAME	Q·ty	MARK	SERIAL No.	NOTE

☆...Interchangeable. ☆...New parts can interchangeable of old parts, but not vice-versa. ☆...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 20-5 **PIPING (Outrigger)**

Fig. 20-5 PIPING (Outrigger)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1～19		☆	Piping (Outrigger)	1 set	△		
1		0223 62120	Bushing	1			
2		7311 91024	Ring-"O"	1			
3		7286 60600	Elbow (F) (M)	1			
4		6020 06070	Joint-hose	1			
5		77H1 32000	Hose-rubber	ℓ			0.4m
6		7600 00819	Band-hose	2			
7		0430 62150	Joint-hose	1			
8		7285 71003	Connector	4			
9	○	77P4 10010	Pipe	ℓ			ϕ 10 × t1.0
	○	77P4 10012	Pipe	ℓ		A506840～	ϕ 10 × t1.2
10		0143 62013	Block-joint	2			
11		7141 10020	Bolt & Washer	2			
12		7775 02190	Hose-pressure nylon	4			
13		770A 02J04	Adapter (M) (M)	4			
14		7280 51002	Connector (M)	4			
15		7505 16001	Band-wire	4			
16		08A4 65010	Joint	1			
17		0138 62030	Clamp-pipe	1			
18		085C 65020	Plate	1			
19		7141 10030	Bolt & Washer	1			

○...Interchangeable. ○...New parts can interchangeable of old parts, but not vice-versa. ×...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 21 COLUMN ASS'Y

Fig. 21 COLUMN ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~14		08A6 51000	Column Ass'y	1 set	△		
1		08A6 51010	Column	1			
		08A6 51011	Column	1			
2		0182 51070	Pin-foot	1			
3		0182 51080	Pin	1			
4		0885 51020	Cover (1)	1			
5		0885 51030	Cover (2)	1			
6		0182 51090	Plate-end	1			
7		0805 51050	Stopper	1			
8		0885 51040	Bolt	12			
		088H 51040	Bolt	12			
9		7119 12030	Bolt	2			
10		7141 10020	Bolt & Washer	6			
11		7111 12020	Bolt	2			
		7141 12020	Bolt & Washer	2			
12		7221 12120	Washer-plain	2			
13		7222 11120	Washer-spring	2	Q		Q'ty 2 was 4
14		7243 34000	Nipple-grease	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 22 BASE ASS'Y

Fig. 22 BASE ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~47		08A6 55000	Base Ass'y	1 set	△		
A 1	⇄	08A6 55010	Base	1			
	⇄	08A6 55011	Base	1		A504752~	
	⇄	08A6 55012	Base	1			
2	⇄	0885 57010	Box-inner (Horizontal)	2			
	⇄	0885 57011	Box-inner (Horizontal)	2		A504569~	
	⇄	0885 57012	Box-inner (Horizontal)	2			
3		0885 57020	Box-inner (Vertical)	2			
4		0885 55040	Pipe-suction	1			
5		0885 55050	Pin (30)	2			
6		0885 55060	Pin (30)	4			
A 7		0885 55070	Pipe (2)	1			
A 8		08A6 55020	Plate (6)	2			
A 9		08A6 55030	Plate (7)	1			
A10		08A6 55040	Plate (8)	1			
11		0800 53040	Spring-leaf	4			
A12		0143 59040	Bracket	1			
13		0143 59020	Stopper	2			
A14		080K 55040	Pipe (1)	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
15		0882 55040	Cover	2			
16		0882 55150	Lever	2			
17		0882 55080	Pin (8)	2			
18		0882 55091	Collar	2			
19		0137 55090	Pin (1)	2			
20		0825 27020	Pin (15)	2			
21		0805 55061	Packing	1			
22		7602 10079	Bearing	8			
		7602 10101	Bearing	8			
23		7703 30014	Breather	1			
24		7602 60101	Cable Ass'y	2			
25		7604 00043	Grommet	2			
26		7241 20300	Ring-snap	12			
27		7141 08015	Bolt & Washer	4			
28		7142 05012	Bolt & Washer	16			
29		7142 04010	Bolt & Washer	2			
30		7111 05008	Bolt	2			
31		7117 10015	Bolt	4			
		7601 29051	Bolt & Washer	4			

⇄...Interchangeable. ⇄...New parts can interchangeable of old parts, but not vice-versa. ⇄...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 22 BASE ASS'Y

Fig. 22 BASE ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
32		7231 06025	Pin-split	4			
33		7222 11100	Washer-spring	4	Q		
34		7221 12080	Washer-plain	2			
35		7252 61000	Plug	1			
36		7609 90207	Band-hose	2			
A37		0143 55111	Plate	2			
38		7604 52014	Catcher	2			
39		7161 08010	Bolt	8			
A40		08**A**6 55050	Plate (9)	1			
A41		08**A**4 55020	Plate (2)	2			
A42		08**A**4 55040	Plate (4)	1			
A43		0891 55040	Bracket (2)	1			
A44		**BD**21 01230	Boss	6			
A45		081**B** 55030	Pipe (2)	2		$\ell = 260$	
A46		0891 55020	Pipe (3)	2		$\ell = 140$	
47		7231 05025	Pin-split	2			
A		918**A** 655**A**0	Base body Ass'y	1 set			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 23 SWING DEVICE ASS'Y

Fig. 23 SWING DEVICE ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~14		0885 41000	Swing device Ass'y	1 set	△		
1	⇄	0885 41010	Swing gear box Ass'y	1			
	○		SEE Fig. 24				
	⇄	0885 41011	Swing gear box Ass'y	1			
			SEE Fig. 24				
2		0885 41021	Cover (1)	1			
3		0885 41031	Cover (2)	1			
4		0885 41040	Bolt	23			
5		0143 41050	Stopper	12			
6		7405 30035	Table-turn	1			
7		7119 16050	Bolt	5			
8		7141 08018	Bolt & Washer	6			
9		7161 14035	Bolt	2			
10		7222 11160	Washer-spring	5			
11		7222 11140	Washer-spring	2			
12		7311 72100	Ring-"O"	1			
13		7243 34000	Nipple-grease	2			
14		7221 12080	Washer-plain	6			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

⇄...Interchangeable. ○...New parts can interchangeable of old parts, but not vice-versa. ⇄...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 24 SWING GEAR BOX ASS'Y

Fig. 24 SWING GEAR BOX ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~27		0885 41010	Swing gear box Ass'y	1 set			
		0885 41011	Swing gear box Ass'y	1 set			
1		BA41 01010	Casing	1			
		BA41 01011	Casing	1			
		BA41 01012	Casing	1			
2		K841 05020	Shaft-warm	1			
		K841 01021	Shaft-warm	1			
		K841 01022	Shaft-warm	1			
		K841 01023	Shaft-warm	1			
3		BA41 01020	Wheel-warm	1			
4		BA41 01030	Shaft-gear	1			
		BA41 01031	Shaft-gear	1			
5		BA41 01041	Housing-bearing	1			
6		BA41 01050	Collar (1)	1			
7		BA41 01060	Collar (2)	1			
8		K841 01070	Collar (3)	2			
9		F241 01080	Bushing (1)	1			
10		BA41 01070	Nut (M110)	1			
11		7243 11000	Nut-crown	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
12		7243 10800	Nut-crown	1			
13		7243 21000	Washer-crown	1			
14		7243 20800	Washer-crown	1			
15		7241 20800	Ring-snap	1			
16		7260 63100	Bearing-ball	1			
17		7263 22100	Bearing-taper roller	2			
18		7263 02080	Bearing-taper roller	2			
19		7332 15050	Key	2			
20		7311 72195	Ring-"O"	1			
21		7311 71063	Ring-"O"	1			
22		8220 60074	Seal-dust	1			
23		0138 41120	Breather	1			
24		7252 60300	Plug	1			
25		7232 10030	Pin-taper	2			
26		7601 29042	Bolt-flange	12			
27		7252 60100	Plug	1			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 25 HOIST WINCH ASS'Y

Fig. 25 HOIST WINCH ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~17		0885 31000	Hoist winch Ass'y	1 set			
1		0882 31030	Winch gear box Ass'y	1			
			SEE Fig. 26				
2		0885 31010	Drum	1			φ 136
3		0885 31020	Pin (30)	1			
4		0143 31040	Gear (4)	1			
5		0143 31051	Bolt-set	1			
6		0123 32090	Wedge	1			
7		0119 51060	Plate	1			
8		0138 41120	Breather	1			
9		0125 31340	Packing (3)	1			
10		7141 10016	Bolt & Washer	2			
11		7161 14025	Bolt	2			
12		7161 10020	Bolt	6			
13		7161 10025	Bolt	3			
14		7222 11100	Washer-spring	3			
15		7222 11120	Washer-spring	1			
16		7260 62062	Bearing	2			
17		7222 11140	Washer-spring	2			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
18-1		0143 31060	Shim (1) t = 0.4	1			
18-2		0143 31070	Shim (2) t = 0.8	1			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 26 WINCH GEAR BOX ASS'Y

Fig. 26 WINCH GEAR BOX ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~32		0882 31030	Winch gear box Ass'y	1 set			
1		N131 03010	Casing	1			
2		N131 01020	Cover	1			
3		N131 01030	Gear (1)	1			
C 4		0125 31074	Gear (2)	1			
C 5		K831 01020	Shaft-gear	1			
6		0125 31122	Disc	1			
A 7		0125 31111	Wheel-ratchet	1			
A 8		0125 31143	Bushing	1			
B 9		N131 03020	Pawl	1			
10		N131 01050	Pin-pawl	1			
11		V131 01050	Brake shoe Ass'y	2			
12		☆					
13		☆					
14		N131 01060	Spring	1			
15		7141 08020	Bolt & Washer	4			
16		7252 60300	Plug	1			
17		7252 60100	Plug	1			
18		7260 63090	Bearing	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
19		7260 60080	Bearing	1			
20		7260 60050	Bearing	1			
21		7602 10092	Bearing	2			
22		7331 07020	Key	2			
23		7311 72145	Ring-"O"	1			
24		7311 74016	Ring-"O"	1			
25		8520 45062	Seal-oil	1			
26		7213 31200	Nut-castle	1			
27		7221 12200	Washer-plain	1			
28		7231 04030	Pin-split	1			
29		7241 20680	Ring-snap	1			
B 30		N131 01070	Bushing	1			
31		N131 03030	Spring	1			
32		N131 01091	Collar	1			
A		N131 03810	Ratchet wheel Ass'y	1			
B		N131 03820	Pawl Ass'y	1			
C		N131 03830	Gear shaft Ass'y	1			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 27 BOOM LIFT CYLINDER ASS'Y

Fig. 27 BOOM LIFT CYLINDER ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~18		0885 11000	Boom lift cylinder Ass'y	1 set			
1		0885 11010	Tube Ass'y (1)	1			
		0885 11011	Tube Ass'y (1)	1			
		0885 11012	Tube Ass'y (1)	1			
2		0885 11040	Rod Ass'y (1)	1			
3		0885 11030	Gland	1			
4		0182 11040	Bushing-gland	1			
5		0182 11052	Piston	1			
6		0182 11060	Bushing	4			
S 7		8421 05120	Packing	1			
S 8		8231 45160	Packing	2			
S 9		8301 05121	Seal-dust	1			
S 10		7311 92105	Ring-"O"	1			
S 11		7311 92150	Ring-"O"	1			
S 12		7311 91016	Ring-"O"	2			
S 13		8281 05120	Ring-back up	1			
S 14		8281 45160	Ring-back up	2			
15		7117 08030	Bolt	3			
16		7049 06008	Screw-set	2			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
17		7049 08025	Screw-set	1			
18		7243 32000	Nipple-grease	2			
19		6014 74000	Boom lift cylinder holding valve Ass'y	1			CB-03ED
			SEE Fig. HP4				
S		9118 211P1	Packing set	1 set			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 28 OUTRIGGER CYLINDER ASS'Y

Fig. 28 OUTRIGGER CYLINDER ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1～15		0885 14000	Outrigger cylinder Ass'y	1 set			
1		0885 14010	Tube Ass'y (1)	1			
2	○	0885 14020	Rod Ass'y (1)	1			
	○	0885 14021	Rod Ass'y (1)	1			
3		0809 13030	Gland	1			
4		0885 13030	Cover-cylinder	1			
5		0885 13040	Piston	1			
6		7049 08008	Screw-set	2			
S 7		7702 00015	Packing	2			
8		7287 20100	Plug	1			
S 9		8230 50060	Packing	1			
S 10		8290 50058	Seal-dust	1			
S 11		7311 92070	Ring-"O"	1			
S 12		7311 92050	Ring-"O"	1			
S 13		7311 74008	Ring-"O"	2			
S 14		8280 50060	Ring-back up	1			
15		7161 08035	Bolt	3			
S		9188 513P0	Packing set	1 set			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

○...Interchangeable. ○...New parts can interchangeable of old parts, but not vice-versa. ×...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 29 SWIVEL JOINT ASS'Y

Fig. 29 SWIVEL JOINT ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~9		0182 46000	Swivel joint Ass'y	1 set			
1		0805 43011	Inner part	1			
2		0805 43021	Outer part	1			
3		0182 46010	Flange	1			
4		0805 43040	Plate	1			
5		8374 54062	Packing	9			
6		7601 29043	Bolt	4			
7		7161 06012	Bolt	2			
8		7222 11060	Washer-spring	2			
9		7287 20200	Plug	17			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 30 SLIP RING ASS'Y

Fig. 30 SLIP RING ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~2		0805 93000	Slip ring Ass'y	1 set			
1		7505 07010	Slip ring	1			
2		7012 06015	Screw-machine	4			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

Q...Interchangeable. Q...New parts can interchangeable of old parts, but not vice-versa. X...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 31 CONTROL ASS'Y

Fig. 31 CONTROL ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~52		08A6 58000	Control Ass'y	1 set	△		
1		08A6 58010	Lever Ass'y (1)	1			
		08A6 58011	Lever Ass'y (1)	1		A504752~	
2		08A6 58020	Lever Ass'y (2)	1			
		08A6 58021	Lever Ass'y (2)	1		A504752~	
3		08A6 58030	Lever Ass'y (3)	1			
		08A6 58031	Lever Ass'y (3)	1		A504752~	
4		08A6 58040	Lever Ass'y (4)	1			
		08A6 58041	Lever Ass'y (4)	1		A504752~	
5		08A6 58050	Lever Ass'y (5)	1			
		08A6 58051	Lever Ass'y (5)	1		A504752~	
6		08A6 58060	Lever Ass'y (6)	1			
		08A6 58061	Lever Ass'y (6)	1		A504752~	
7		08A6 58070	Lever Ass'y (7)	1			
		08A6 58071	Lever Ass'y (7)	1		A504752~	
8		08A4 58080	Bracket (1)	1			
9		08A4 58090	Bracket (2)	1			
10		08A4 58110	Bracket (3)	1			
11		08A4 58120	Bracket (4)	1			
12		08A4 58130	Link	6			
13		08A4 58140	End-fork	1			
14		08A4 58150	Rod (1)	1			
15		08A4 58160	Rod (2)	1			
16		08A4 58170	Rod (3)	1			
17		08A4 58180	Rod (4)	1			
18		08A4 58190	Rod (5)	1			
19		08A4 58210	Stopper-pipe (1)	4			
20		08A4 58220	Stopper-pipe (2)	4			
21		08A4 58230	Plate	2			
22		08A4 58240	Pipe (1)	1			
23		08A4 58250	Pipe (2)	1			
24		08A4 58260	Plate (1)	1			
25		08A4 58270	Plate (2)	1			
26		08A4 58280	Plate (3)	2			
27		☆					
28		☆					
29		08A4 58290	Collar (1)	2			
30		08A4 58310	Collar (2)	4			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 31 CONTROL ASS'Y

Fig. 31 CONTROL ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
31		0143 54380	Pin	1			
32		0143 53141	Pin (1)	1			
33		0805 58240	Pin (5)	6			
34		080B 58010	Knob (Black)	12			
35		080B 58020	Knob (Red)	2			
36		7141 10020	Bolt & Washer	10	Q		Q'ty 10 was 12
37		7111 08080	Bolt	6			
38		7141 10015	Bolt & Washer	2			
39		7111 08060	Bolt	8			
40		☆					
41		7141 08015	Bolt & Washer	4			
42		7015 08020	Screw-machine	8			
43		7211 11120	Nut	4			
44		7211 11080	Nut	14			
45		7211 11060	Nut	10			
46		7222 11120	Washer-spring	1			
47		7221 12120	Washer-plain	2			
48		7609 90195	Clevis Ass'y	11			
49		7234 05025	Pin-spring	2			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
50		7241 90050	Nut-push	6			
51		7231 02020	Pin-split	1			
52		7222 11080	Washer-spring	14			

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 32 PLACARD

Fig. 32 PLACARD

KEY No.		PARTS No.	PARTS NAME	Q'ty 503	Q'ty 504	Q'ty 505	Q'ty 506	MARK	SERIAL No.	NOTE
1～31		☆	Placard	1 set	1 set	1 set	1 set	△		
1		0891 81010	Crane model name plate	1	1	1	1			
2		088D 81011	Placard (Raise/Lower)	2	2	2	2			
3		088D 81021	Placard (Hoist)	2	2	2	2			
4		088D 81030	Placard (Telescoping)	2	2	2	2			
5		088D 81041	Placard (Swing)	2	2	2	2			
6		08A4 81010	Placard(Outrigger street side)	2	2	2	2			
7		08A4 81020	Placard(Outrigger curve side)	2	2	2	2			
8		08A4 81030	Placard (Accelerator)	2	2	2	2			
9		0805 81060	Placard (Grease)	6	6	6	6			
10		0805 81070	Placard (Warning horn)	2	2	2	2			
11		0882 81082	Placard (Blue mark)	2	2	2	2			
12		0891 81060	Placard(Caution O/R operation)	2	2	2	2			
13		0891 81070	Placard (Filter)	1	1	1	1			
14		08A6 81040	Placard (Hook)	2	2	2				
		08A4 81140	Placard (Hook)				2			
15		08A6 81030	Placard(Maximum load chart)	2						
		08A7 81030	Placard(Maximum load chart)		2					
		08A8 81030	Placard(Maximum load chart)			2				

KEY No.		PARTS No.	PARTS NAME	Q'ty 503	Q'ty 504	Q'ty 505	Q'ty 506	MARK	SERIAL No.	NOTE
15		08EC 81030	Placard(Maximum load chart)				2			
16		08A4 81080	Placard (Operating instructions)	2	2	2	2			
17		08A6 81010	Placard (Boom angle R.H.)	1						
		08A6 81011	Placard (Boom angle R.H.)	1					A504752～	
		08A7 81010	Placard (Boom angle R.H.)		1					
		08A7 81011	Placard (Boom angle R.H.)		1				A504752～	
		08A8 81010	Placard (Boom angle R.H.)			1				
		08A8 81011	Placard (Boom angle R.H.)			1			A504752～	
		08EC 81010	Placard (Boom angle R.H.)				1			
18		08A6 81020	Placard (Boom angle L.H.)	1						
		08A6 81021	Placard (Boom angle L.H.)	1					A504752～	
		08A7 81020	Placard (Boom angle L.H.)		1					
		08A7 81021	Placard (Boom angle L.H.)		1				A504752～	
		08A8 81020	Placard (Boom angle L.H.)			1				
		08A8 81021	Placard (Boom angle L.H.)			1			A504752～	
		08EC 81020	Placard (Boom angle L.H.)				1			
19		6021 05030	Placard (UNIC)	2	2	2	2			
20		0885 81160	Placard (500)	2	2	2	2			
21		088F 81090	Placard(Electrocution Hazard)	2	2	2	2			

○…Interchangeable. ○…New parts can interchangeable of old parts, but not vice-versa. ×…Not interchangeable. △…Part not for sale. D…Disuse. Q…Quantity change.

Fig. 32 **PLACARD**

Fig. 32 PLACARD

KEY No.		PARTS No.	PARTS NAME	Q'ty 503	Q'ty 504	Q'ty 505	Q'ty 506	MARK	SERIAL No.	NOTE
22		088F 81050	Placard(Danger, O/R operation)	2	2	2	2			
23		088F 81070	Placard (Replacement warning)	2	2	2	2			
24		088F 81110	Placard(Electrocution Hazard)	3	3	3	3			
25		088F 81080	Placard (Caution, RPM Roading)	1	1	1	1			
26		6021 04431	Placard (Name plate "UNIC")	2	2	2	2			
27		088F 81060	Placard (Hydraulic oil only)	1	1	1	1			
28		08A4 81090	Placard (Caution, inspect vehicle)	2	2	2	2			
29		08A4 81110	Placard(Danger, two blocking)	2	2	2	2			
30		08A4 81120	Placard(Danger, Ride Load line)	3	3	3	3			
31		08A4 81130	Placard (Danger, Hoisting Personnel)	1	1	1	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty 503	Q'ty 504	Q'ty 505	Q'ty 506	MARK	SERIAL No.	NOTE

○ ···Interchangeable. ○ ··· New parts can interchangeable of old parts, but not vice-versa. ✕ ··· Not interchangeable. △ ··· Part not for sale. D ··· Disuse. Q ··· Quantity change.

Fig. 33 EQUIPMENT

Fig. 33 EQUIPMENT

KEY No.		PARTS No.	PARTS NAME	Q'ty 503	Q'ty 504	Q'ty 505	Q'ty 506	MARK	SERIAL No.	NOTE
1～9		☆	Equipment	1 set	1 set	1 set	1 set	△		
1		7602 50135	ワイヤロープ Rope-wire	1						φ 8 × 68m
		7602 50120	ワイヤロープ Rope-wire		1					φ 8×81. 5m
		7602 50158	ワイヤロープ Rope-wire			1				φ 8 × 95m
		7602 50145	ワイヤロープ Rope-wire				1			φ 8 × 90m
2		7601 60064	Clip-wire	1	1	1	1			
3		0891 81020	Joint	1	1	1	1			
4		7311 91018	Ring-"O"	1	1	1	1			
5	⇒	0885 88210	Float	2	2	2				
	⇒	0885 88410	Float	2	2	2			A503734～	
		0885 88410	Float				2			
6		088F 81010	Panel	2	2	2	2			
7		7141 08015	Bolt with Washer	8	8	8	8			
8		088F 81120	Plate	2	2	2	2			
9		7602 60050	Wire-accelerator	1	1	1	1		'91.4～	
		0138 41120	Breather	2	2	2	2		'91.4～	
			See Fig. 20 Key No. 23							
		7280 51002	Connector	4	4	4	4		'91.4～	
			See Fig. 16-5 Key No. 14							

KEY No.		PARTS No.	PARTS NAME	Q'ty 503	Q'ty 504	Q'ty 505	Q'ty 506	MARK	SERIAL No.	NOTE

⇒ ···Interchangeable. ⇒ ··· New parts can interchangeable of old parts, but not vice-versa. ⇔ ···Not interchangeable. △··· Part not for sale. D···Disuse. Q···Quantity change.

Fig. HP1 CONTROL VALVE ASS'Y (MV-30A, 6-spool)

Fig. HP1 CONTROL VALVE ASS'Y (MV-30A, 6-spool)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~32		6019 04000	Control valve Ass'y	1 set			MV-30A
1		☆	Body-inlet	1	△		
2		☆	Body-valve (Parallel)	6	△		
3		6016 25020	Body-outlet	1			
4		6014 93000	Relief valve Ass'y	1			RT-15C
			SEE Fig. HP2				
5		6015 50040	Seat-seal	10			
6		6015 50050	Seat-spring	12			
7		6017 25010	Cover	6			
8	○	6015 50071	Screw-cap	4			
	○	6015 50072	Screw-cap	4		A506726~	
9		6016 25030	Spring	6			
10		7701 70026	Ring-"O"	7			
11		7702 20003	Seal-dust	12			
12		7222 11100	Washer-spring	12			
13		7211 15100	Nut	12			
14		7287 20200	Plug	1			
15		7161 06008	Bolt	20			
16		7161 06012	Bolt	4			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
17		6015 50114	Bracket	2			
18		6015 50090	Spacer	4			
19		6016 25040	Rod-tie (1)	2			$\ell = 320$
20		6015 60010	Rod-tie (2)	2			$\ell = 335$
21		7288 90300	Plug	6			
22		6017 28040	Meter in out spool	1			Boom lift
23		6017 28010	Meter out spool	1			Hoist
24		6016 25071	Meter in spool	1			Extension
25		6017 93010	Meter out "M" spool "S"	1			Swing
26		6018 63010	Meter in spool	2			Outrigger
27		6019 03010	Bracket (1)	1			
28		6019 03020	Bracket (2)	1			
29		6015 53031	Screw-cap	2			
30		6015 60040	End-spool	2			
31		6014 58021	Plug	4			
32		7311 74003	Ring-"O"	4			

○...Interchangeable. ○...New parts can interchangeable of old parts, but not vice-versa. ✗...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. HP2 RELIEF VALVE ASS'Y (RT-15C)

Fig. HP2 RELIEF VALVE ASS'Y (RT-15C)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~15		6014 93000	Relief valve Ass'y	1			RT-15C
1		☆	Cap	1	△		
2		☆	Valve-pilot	1	△		
3		6014 87060	Spring-pilot	1			
4		☆	Screw-adjusting	1	△		
5		6014 93060	Nut	1			
6		6013 07070	Washer-seal	2			
7		6041 93051	Nut-cap	1			
8		☆	Seat-valve	1	△		
9		☆	Valve-main	1	△		
10		6014 93040	Spring-main	1			
11		7311 73012	Ring-"O"	1			
12		7321 23012	Ring-back up	1			
13		7311 74512	Ring-"O"	1			
14		7311 91015	Ring-"O"	1			
15		7311 71024	Ring-"O"	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

☆...Interchangeable. ☆...New parts can interchangeable of old parts, but not vice-versa. ☆...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. HP3 EXTENSION CYLINDER HOLDING VALVE ASS'Y (CB-03ET)

Fig. HP3 EXTENSION CYLINDER HOLDING VALVE ASS'Y (CB-03ET)

KEY No.	PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~14	6014 73000	Extension cylinder holding valve Ass'y	1 set			CB-03ET
1	☆	Body	1	△		
2	☆	Spool	1	△		
3	☆	Check valve	1	△		
4	☆	Orifice	1	△		
5	☆	Plug	1	△		
6	7287 20200	Plug	1			
7	6014 73050	Spring (1)	1			
8	6011 93070	Spring (2)	1			
9	7311 71012	Ring-"O"	1			
10	7321 21012	Ring-back up	2			
11	7311 91020	Ring-"O"	1			
12	☆	Seat-spring	1	△		
13	7241 20160	Ring-snap	1			
14	6014 73060	Wire	1			

KEY No.	PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

☆...Interchangeable. ☆...New parts can interchangeable of old parts, but not vice-versa. ☆...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. HP4 BOOM LIFT CYLINDER HOLDING VALVE ASS'Y (CB-03ED)

Fig. HP4 BOOM LIFT CYLINDER HOLDING VALVE ASS'Y (CB-03ED)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~13		6014 74000	Boom lift cylinder holding valve Ass'y	1 set			CB-03ED
1		☆	Body	1	△		
2		☆	Spool	1	△		
3		☆	Check valve	1	△		
4		☆	Orifice	1	△		
5		☆	Plug	1	△		
6		7287 20200	Plug	1			
7		6014 73050	Spring (1)	1			
8		6011 93070	Spring (2)	1			
9		7311 71012	Ring-"O"	1			
10		7321 21012	Ring-back up	2			
11		7311 91020	Ring-"O"	1			
12		☆	Seat-spring	1	△		
13		7241 20160	Ring-snap	1			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. HP5 RETURN FILTER ASS'Y

Fig. HP5 RETURN FILTER ASS'Y

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~2		7405 80600	Return filter Ass'y	1 set			
1		7405 80204	Filter-cartridge	1			
2		7405 80201	Head	1	△		

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

...Interchangeable. ...New parts can interchangeable of old parts, but not vice-versa. ...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. HP6 PILOT CHECK VALVE ASS'Y (CP-02F)

Fig. HP6 PILOT CHECK VALVE ASS'Y (CP-02F)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~8		6015 29000	Pilot check valve Ass'y	1 set			CP-02F
1		☆	Valve body	1	△		
2		☆	Spool	1	△		
3		☆	Valve-check	1	△		
4		6013 26040	Spring	1			
5		6013 26050	Plug	1			
6		7287 20200	Plug	1			
7		7311 91006	Ring-"O"	1			
8		7321 21006	Ring-back up	2			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

☆...Interchangeable. ☆...New parts can interchangeable of old parts, but not vice-versa. ☆...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. HP7 PILOT CHECK VALVE ASS'Y (CP-03W)

Fig. HP7 PILOT CHECK VALVE ASS'Y (CP-03W)

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE
1~11		6017 02000	Pilot check valve Ass'y	1 set			CP-03W
1		☆	Valve body	1	△		
2		☆	Valve-check	2	△		
3		6011 78030	Seat-spring	2			
4		6017 02030	Spring	2			
5		6017 02050	Spring (2)	2			
6		7600 00978	Ball-steel	2			
7		7311 71012	Ring-"O"	2			
8		7321 21012	Ring-back up	4			
9		7287 20400	Plug	2			
10		7287 20200	Plug	6			
11		7287 20100	Plug	2			

KEY No.		PARTS No.	PARTS NAME	Q'ty	MARK	SERIAL No.	NOTE

☆...Interchangeable. ☆...New parts can interchangeable of old parts, but not vice-versa. ✗...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

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