



HYDRAULIC CRANE PARTS CATALOG

URV346-C

SERIAL No. N000000 ~

SPYDERCRANE.com LLC Warehouse - 300 South 59th Avenue - Phoenix, AZ 85043 - USA

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PCURV346-C201009A

FURUKAWA UNIC CORPORATION
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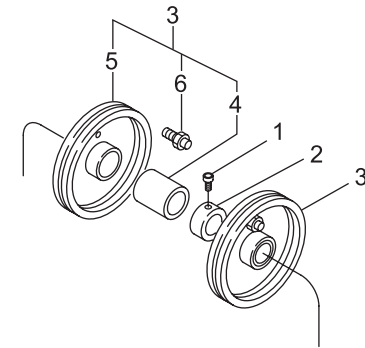
GENERAL INFORMATION

This parts catalog contains the description of the parts for UNIC Hydraulic Crane Model URV346-C.

The application is Cranes from serial number URV346-C No. N000000~. 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	M A R K	SERIAL No.	N O T E
[Example] 1~43	0146 24000	Boom Ass'y	1 set	△	-----	➡ Assembly part
1	7161 06030	Bolt	2			➡ Sub-assembly part
2	0215 21020	Spacer	1			
A3	9110 00019	Sheave-slide 200 φ Ass'y	2 set		-----	
A4	0211 21130	Bushing	1			➡ Component part
A5	0217 21180	Sheave-slide 200 φ	1			
A6	7243 31000	Nipple-grease	1		-----	



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 Ass'y column indicate sub-assembly parts and A₁·A₂·A₃... B₁·B₂·B₃...indicate component parts.
4. Each number in the Q'ty column indicates the quantity used per each assembly.

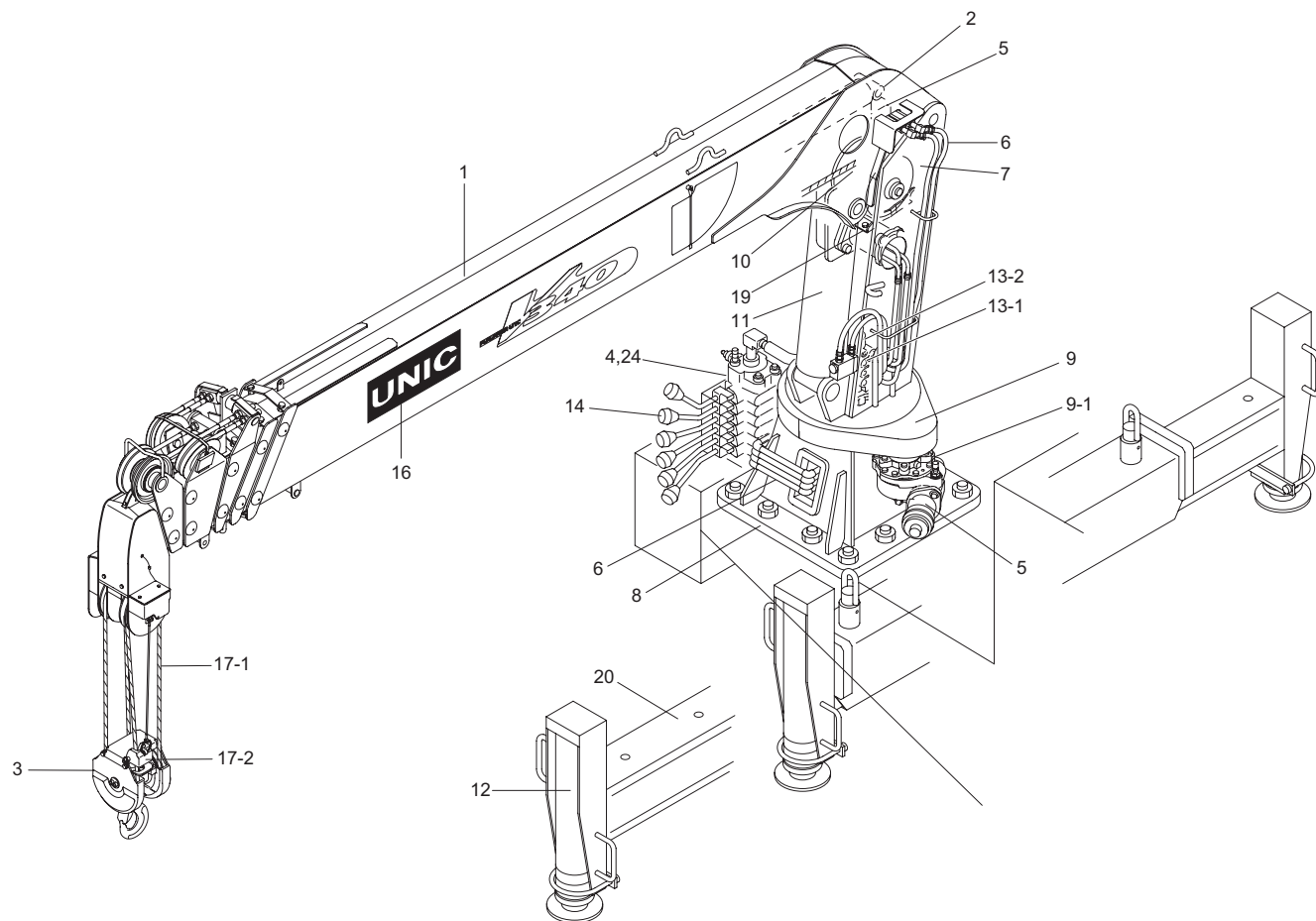
5. How to read the indication in the "Mark" column.

- → 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 service 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) Interchangeable or no-interchangeable part.
- When you order the interchangeable part marked ○, please order new part.
- When you order the interchangeable part marked ×, please confirm the serial number and the manufactured date of the carrier, 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 carrier.
- 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 service shop.
- (Note) In accordance with our policy of constant improvement, all parts are subject to change without notice or obligation.

HYDRAULIC TRUCK CRANE URV346-C



CONTENTS

FIG. No.	SECTION NAME	SERIAL No.	PARTS No.	PAGE
1	6-section BOOM ASS'Y			1
2	EXTENSION CYLINDER ASS'Y		090D 16000	9
2-1	SELECTOR VALVE ASS'Y		090D 16010	13
2-2	EXTENSION CYLINDER HOLDING VALVE ASS'Y(CB-03ET)		6014 73000	15
3	HOOK ASS'Y		091P 35000	17
4	SAFETY DEVICE ASS'Y			19
5	HYDRAULIC DRIVING DEVICE		C-515456	23
5-1	PILOT CHECK VALVE ASS'Y (CP-03W)		6017 02000	25
6-1	PIPING (Boom lift cylinder)			27
6-2	PIPING (Hoist motor)			29
6-3	PIPING (Extension cylinder)			31
6-4	PIPING (Swing motor)			33
6-5	PIPING (Outrigger)			35
7	COLUMN ASS'Y		090B 51000	37
8	BASE ASS'Y		08V8 56000	39

CONTENTS

FIG. No.	SECTION NAME	SERIAL No.	PARTS No.	PAGE
9	SWING DEVICE ASS'Y			41
9-1	SWING GEAR BOX ASS'Y			43
10	HOIST WINCH ASS'Y		090B 31000	45
10-1	HOIST WINCH REDUCTION GEAR ASS'Y		090B 31021	47
11	BOOM LIFT CYLINDER ASS'Y		090B 11000	49
11-1	BOOM LIFT CYLINDER HOLDING VALVE ASS'Y (CB-03ED-W3)		6060 57000	51
12	OUTRIGGER CYLINDER ASS'Y		0805 13000	53
12-1	PILOT CHECK VALVE ASS'Y		6016 81000	55
13-1	SWIVEL JOINT ASS'Y		0890 43000	57
13-2	SLIP RING ASS'Y		08V1 93000	59
14	CONTROL ASS'Y		08V8 59000	61
16	PLACARD			63
17-1	EQUIPMENT(1)			65
17-2	EQUIPMENT(2)		MN91 00813	67
19	WIRE ROPE CLAMPING ROLLER DEVICE ASS'Y		6044 18000	69

CONTENTS

FIG. No.	SECTION NAME	SERIAL No.	PARTS No.	PAGE
20	REAR OUTRIGGER			71
24	CONTROL VALVE ASS'Y (6-spools)		D-521849	73
24-1	RELIEF VALVE(RT-04A)		6060 42000	75

MEMO

URV346-C

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MEMO

Fig. 1 6-section BOOM ASS'Y

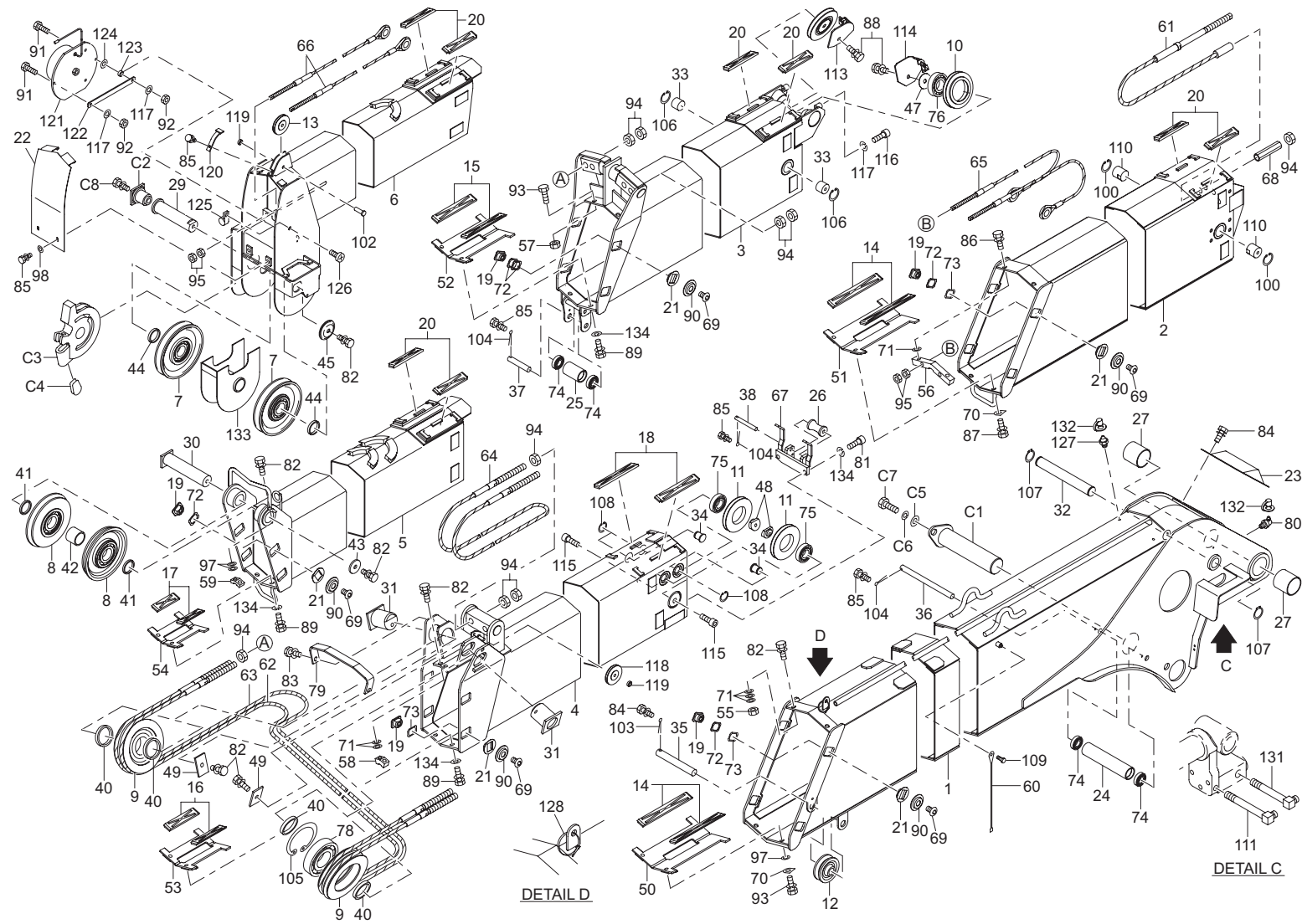


Fig. 1 6-section BOOM ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 134		6-section Boom Ass'y	1 set	△		Incl.C1 ~ C8	22	090D 21070	Cover	1			
1	090D 21015	Boom(1)	1				23	090D 21080	Cover	1			
2	090D 21020	Boom(2)	1				24	0806 21052	Roller	1			
3	090D 21031	Boom(3)	1				25	0806 21061	Roller	1			
4	090D 21040	Boom(4)	1				26	083D 21130	Roller	1			
5	090D 21050	Boom(5)	1				27	090B 21120	Bushing	2			
6	090D 21121	Boom(6)	1				28	☆					
7	K821 00811	Sheave Ass'y	2 set				29	090B 21153	Pin(35)	1			Top sheave
8	AC21 00811	Sheave Ass'y	2 set				30	083D 21140	Pin(35)	1			
9	083D 21070	Sheave(4.85 × 136)	2				31	083D 21150	Pin(50)	2			
10	0190 16091	Sheave(3.5 × 90)	2				32	0188 21122	Pin(30)	1			
11	083D 21080	Sheave(3.5 × 91)	2				33	083D 21160	Pin(30)	2			
12	0185 21031	Sheave(4.85 × 55)	1				34	084T 21090	Pin(20)	4			
13	08K5 21070	Sheave(1.5 × 45)	1				35	088D 21090	Pin(20)	1			Slide sheave
14	08K5 21260	Plate-slide	4				36	0806 21090	Pin(15)	1			
15	08K5 21220	Plate-slide	2				37	0806 21110	Pin(15)	1			
16	08K5 21230	Plate-slide	2				38	083D 21430	Pin(10)	1			
17	08K5 21240	Plate-slide	2				39	☆					
18	08VR 21070	Plate-slide	2				40	083D 21170	Collar	4			
19	090B 21090	Plate-slide	20				41	0182 21110	Collar	2			
20	08K5 21250	Plate-slide	8				42	0146 32040	Spacer	1			
21	090B 21220	Plate	20				43	0119 51060	Plate	1			

⬅...Interchangeable.

⬅...New parts interchangeable of old parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

Fig. 1 6-section BOOM ASS'Y

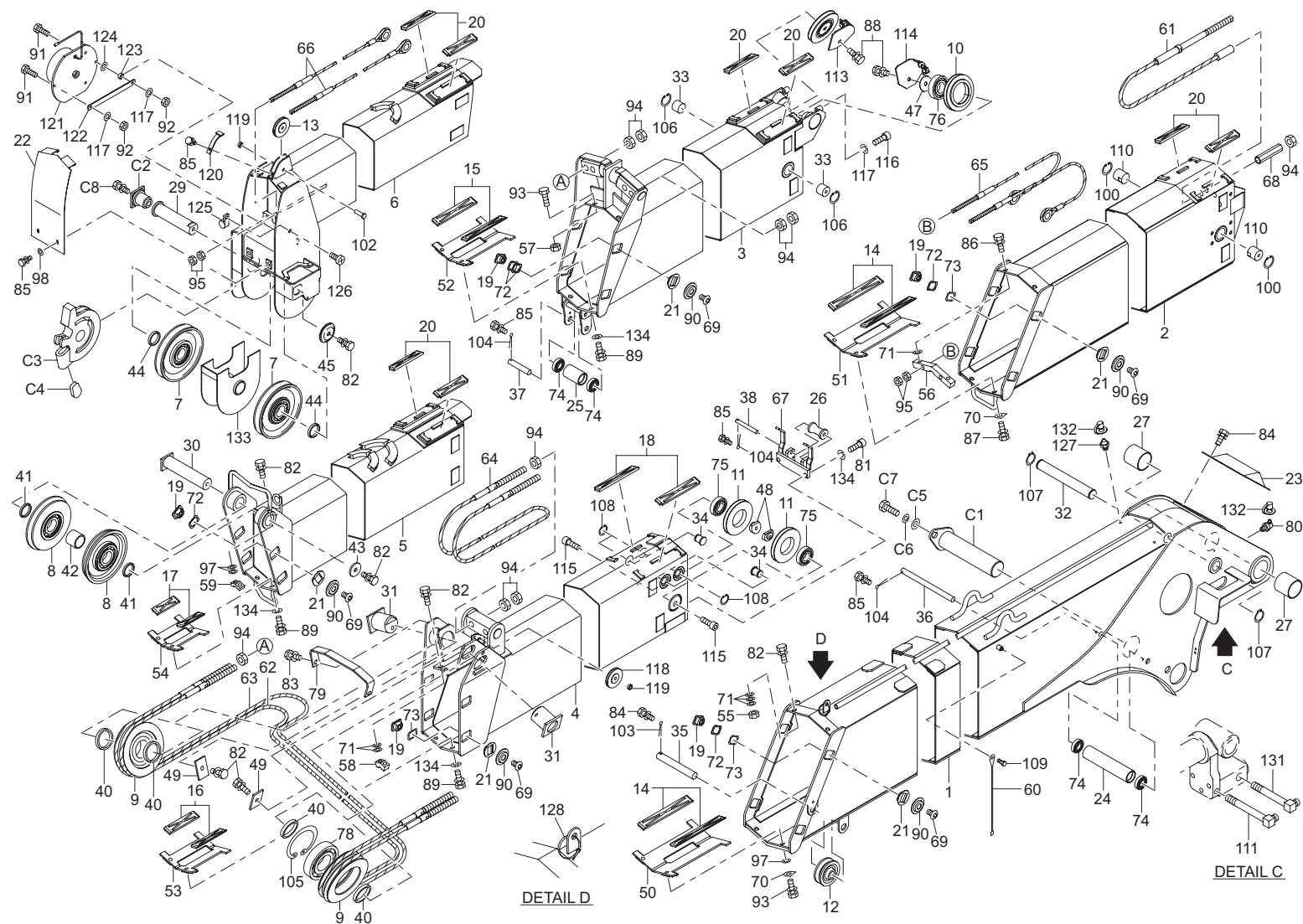


Fig. 1 6-section BOOM ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
44	08BK 21040	Collar	2				66	090D 21110	Rope-wire(Boom Ret)	2			φ 6
45	090B 21270	Plate	1				67	083D 21370	Bracket	1			
46	☆						68	083D 21380	Nut	4			
47	083D 21510	Spacer	2				69	7601 29088	Bolt	20			
48	083D 21190	Plate	2				70	090B 21361	Stopper	4			
49	083D 21210	Plate	2				71	080C 21140	Shim	12			t=1
50	090C 21120	Base-slide(200)	1				72	090B 21230	Shim	20			t=1
51	084T 21121	Base-slide(200)	1				73	090B 21250	Shim	12			t=0.5
52	08K5 21120	Base-slide(160)	1				74	7260 60022	Bearing	4			
53	08K5 21130	Base-slide(120)	1				75	7260 60062	Bearing	2			
54	08K5 21140	Base-slide(90)	1				76	7260 60082	Bearing	2			
55	083D 21270	Guide(9.5)	2				77	☆					
56	083D 21281	Guide	1				78	7260 63102	Bearing	2			
57	080D 21070	Guide(7.5)	2				79	083D 21410	Plate	1			
58	083D 21290	Guide	1				80	7243 34000	Nipple-grease	1			
59	083D 21390	Guide	1				81	7161 10025	Bolt	2			
60	090B 21320	Indicator	2				82	7141 10020	Bolt & Washer	10			
61	090D 21090	Rope-wire(Boom Ext)	4			φ 10	83	7141 10016	Bolt & Washer	4			
62	083D 21320	Rope-wire(Boom Ext)	1			φ 9	84	7142 06015	Bolt & Washer	5			
63	083D 21330	Rope-wire(Boom Ext)	1			φ 9	85	7142 05012	Bolt & Washer	6			
64	083D 21340	Rope-wire(Boom Ext)	1			φ 9	86	7601 29046	Bolt & Washer	4			
65	083D 21350	Rope-wire(Boom Ret)	2			φ 6	87	7117 10025	Bolt	2			

⬅...Interchangeable.

⬅...New parts Interchangeable of oid parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

Fig. 1 6-section BOOM ASS'Y

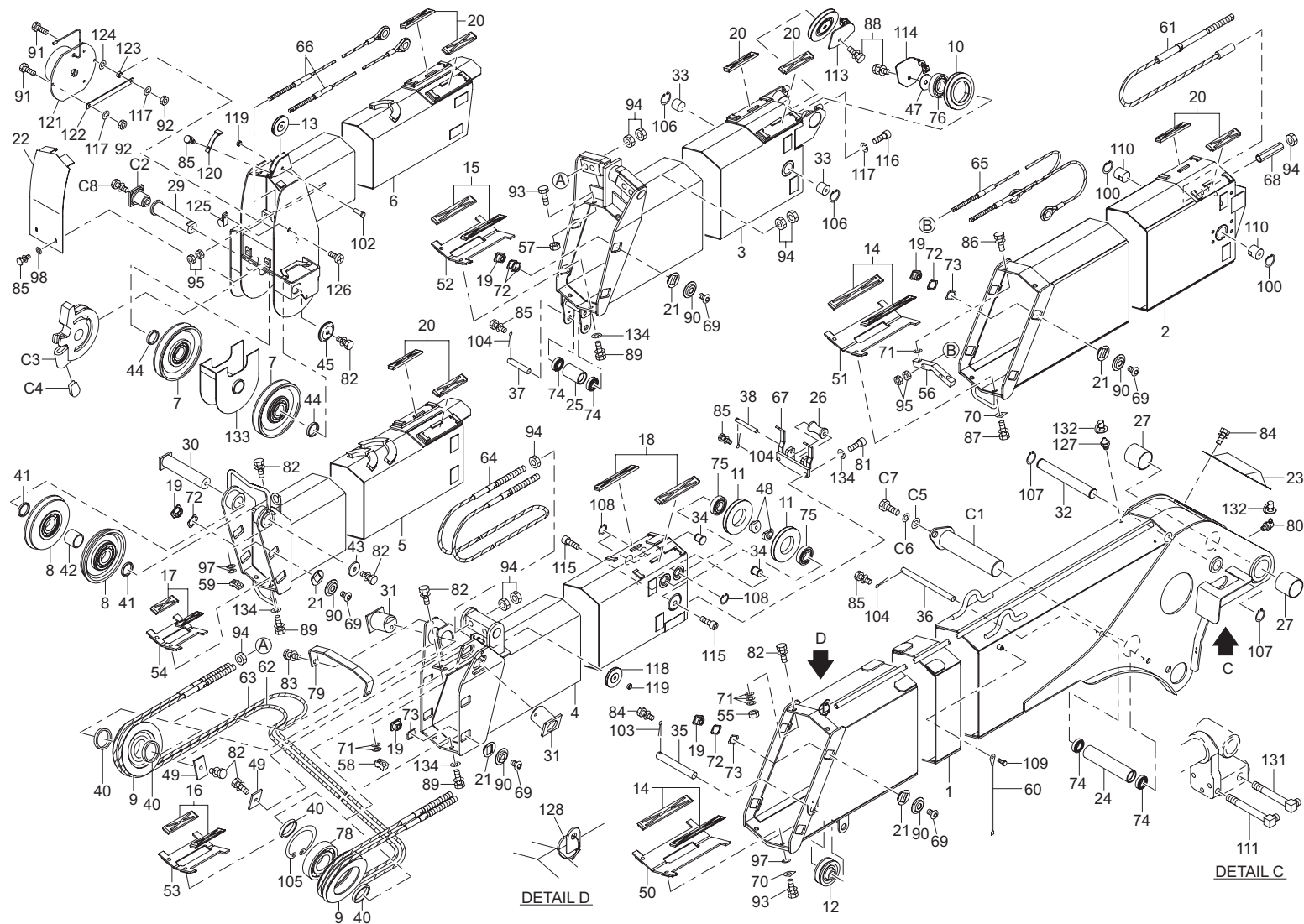


Fig. 1 6-section BOOM ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
88	7601 29045	Bolt & Washer	2				110	083D 21420	Pin(32)	2			
89	7117 10016	Bolt	6				111	7702 90039	Joint	1			
90	090B 21330	Plate	20				112	☆					
91	7111 06020	Bolt	2				113	083D 21522	Cover(1)	1			
92	7211 11060	Nut	2				114	083D 21532	Cover(2)	1			
93	7117 10018	Bolt	2				115	7161 08016	Bolt	2			
94	7212 11160	Nut	22				116	7161 06012	Bolt	2			
95	7211 11100	Nut	8				117	7222 11060	Washer-spring	4			
96	☆						118	08K5 21170	Sheave(1.5 × 25)	2	Q	'09.7 ~	1 → 2
97	7221 12100	Washer-plain	4				119	7241 90080	Nut-push	3	Q	'09.7 ~	2 → 3
98	7221 12050	Washer-plain	2				120	08K5 21180	Cover	1			
99	☆						121	6132 05000	Reel-cord	1			CR2212U3
100	7241 20320	Ring-snap	2				122	090C 21191	Plate	1			
101	☆						123	2500 96140	Collar	1			
102	08K5 21160	Pin(8)	1				124	7221 12060	Washer-plain	1			
103	7231 08030	Pin-split	1				125	7505 23002	Clamp-wire	1			
104	7231 06030	Pin-split	3				126	7601 10059	Screw-tapping	1			
105	7241 21100	Ring-snap	2				127	7243 31000	Nipple-grease	2			
106	7241 20300	Ring-snap	2				128	7505 16001	Band-wire	1			
107	7241 10300	Ring-snap	2				129	☆					
108	7241 10200	Ring-snap	4				130	☆					
109	7601 29090	Bolt	2				131	7702 90040	Joint	1			

○...Interchangeable.

○...New parts interchangeable of old parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

Fig. 1 6-section BOOM ASS'Y

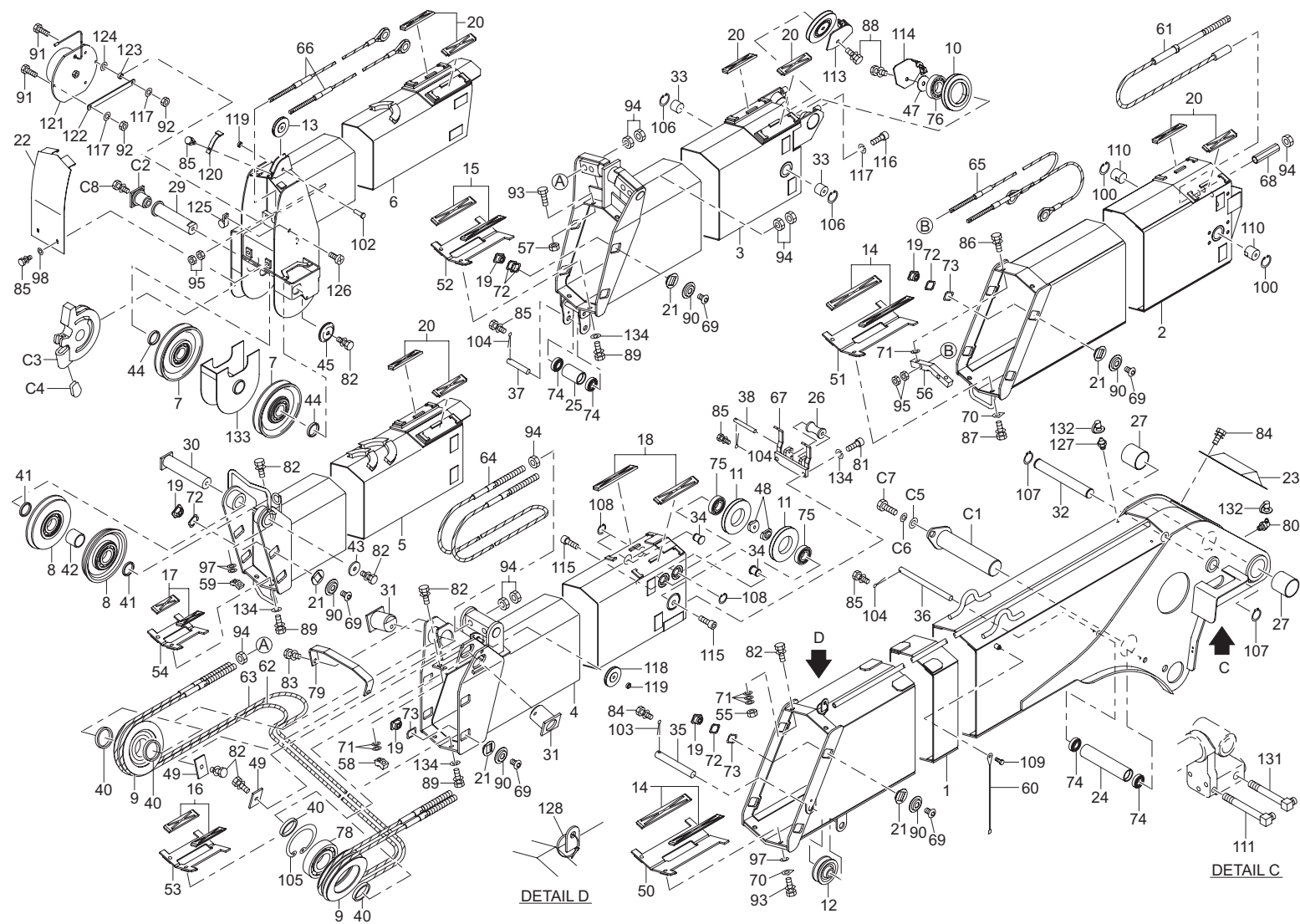


Fig. 1 6-section BOOM ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
132	7703 10027	Cap-nipple	3										
133	091P 21020	Plate	1										
134	7222 11100	Washer-spring	8										
C1	090B 21131	Pin(50)	1										
C2	090B 21140	Pin(35)	1										
C3	08J0 21041	Socket-wire	1										
C4	0123 32090	Wedge	1										
C5	7221 12120	Washer-plain	1										
C6	7222 11120	Washer-spring	1										
C7	7119 12D30	Bolt	1										
C8	7601 29060	Bolt & washer	1										

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 2 EXTENSION CYLINDER ASS'Y

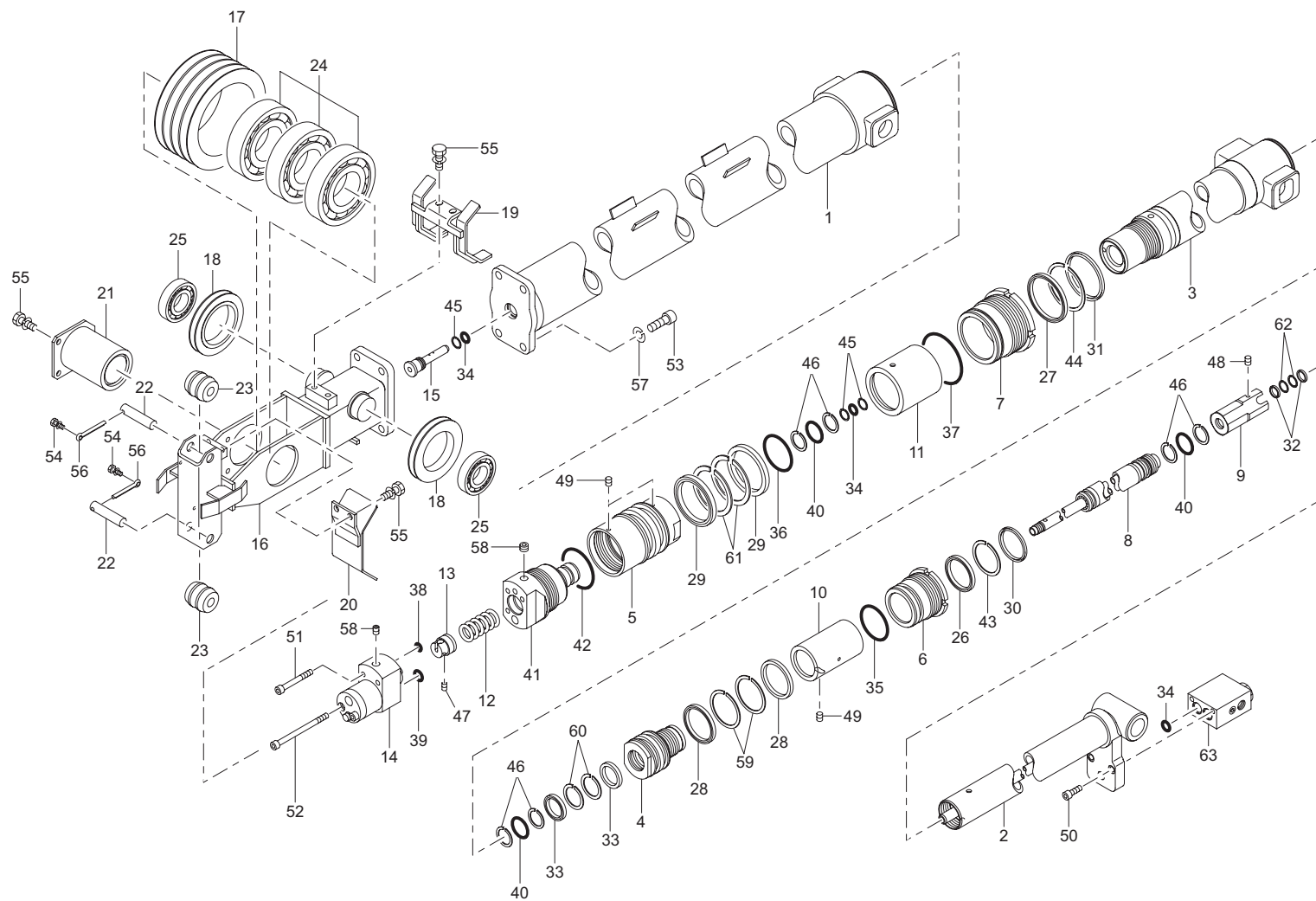


Fig.2 EXTENSION CYLINDER ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 63	090D 16000	Extension cylinder Ass'y	1 set				21	083D 15211	Pin(70)	1			
1	090D 15011	Tube Ass'y(1)	1				22	080C 17070	Pin(15)	2			
2	090D 15020	Rod(1)Ass'y(1)	1				23	080C 17061	Roller	2			
3	090D 15031	Rod(2)Ass'y(1)	1				24	7260 62142	Bearing	3			
4	08GD 15011	Piston(1)	1				25	7260 60082	Bearing	2			
5	08GD 15020	Piston	1				S26	8420 50060	Packing	1			
6	083D 15060	Gland(1)	1				S27	8420 72082	Packing	1			
7	083D 15070	Gland(2)	1				S28	8460 55065	Packing	2			
8	08GD 15032	Slide pipe Ass'y(1)	1				S29	8320 70085	Packing	2			
9	08GD 15041	Stopper	1				S30	8290 50058	Seal-dust	1			
10	090D 15040	Spacer	1				S31	8290 72082	Seal-dust	1			
11	083D 15120	Spacer	1				S32	7702 00056	Packing	2			
12	0144 14110	Spring	1				S33	8230 33043	Packing	2			
13	083D 15130	Nut	1				S34	7311 91016	Ring-"O"	4			
14	090D 16010	Selector valve Ass'y	1				S35	7311 91058	Ring-"O"	1			
		See Fig.2-1					S36	7311 92060	Ring-"O"	1			
15	090D 16020	Plunger	1				S37	7311 92085	Ring-"O"	1			
16	08K5 15050	Bracket	1				S38	7701 70036	Ring-"O"	1			
17	083D 15170	Sheave(5.5 × 150)	1				S39	7701 70037	Ring-"O"	1			
18	0882 17072	Sheave(3.5 × 90)	2				S40	7311 77020	Ring-"O"	3			
19	083D 15181	Cover	1				41	08GD 15050	Spacer	1			
20	083D 15190	Cover	1				S42	7701 70045	Ring-"O"	1			

••• Interchangeable.

••• New parts interchangeable of old parts, but not vice-versa.

✕••• Not interchangeable.

△••• Part not for sale.

D••• Disuse.

Q••• Quantity change.

Fig. 2 EXTENSION CYLINDER ASS'Y

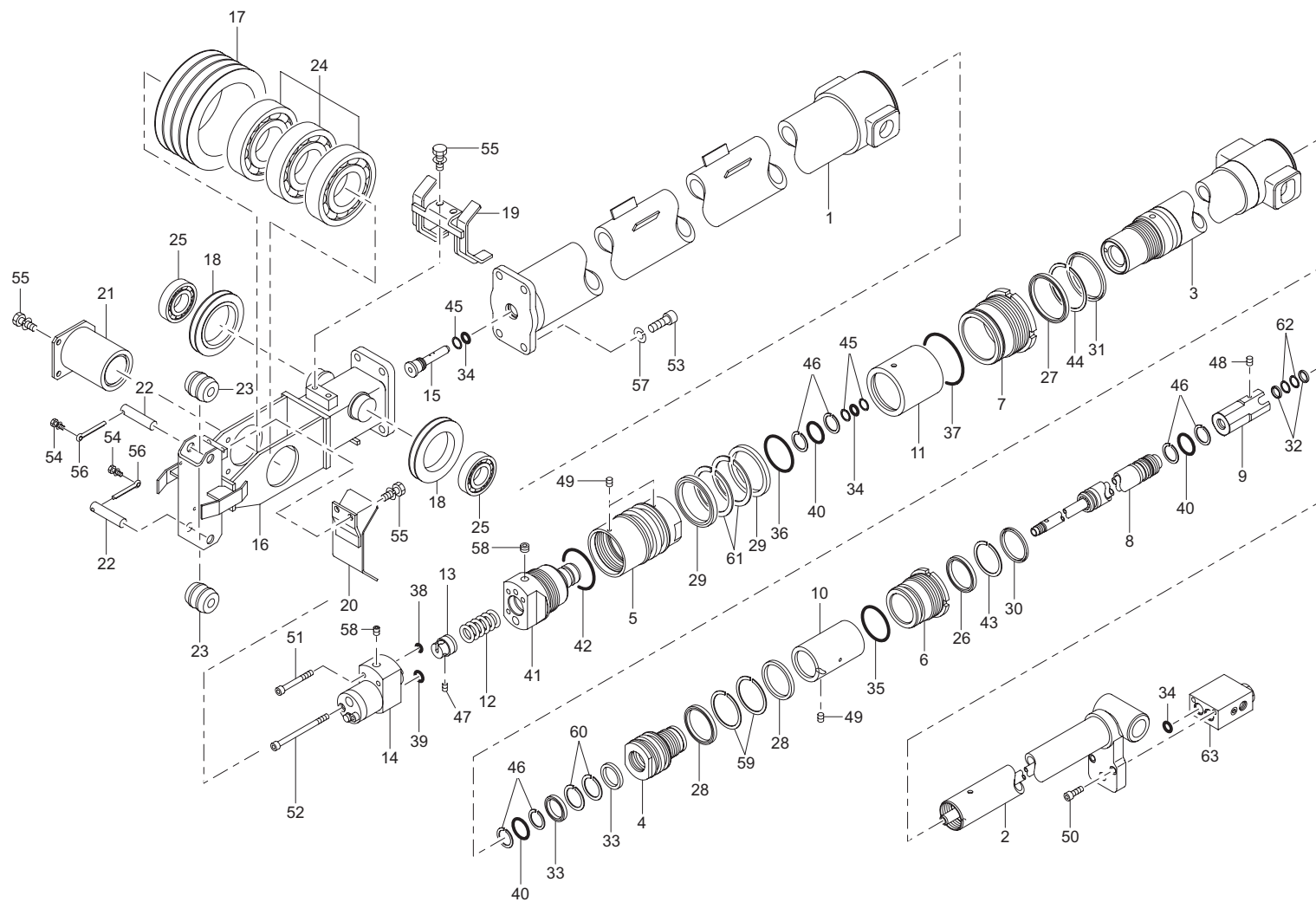


Fig.2 EXTENSION CYLINDER ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
S43	8280 50060	Ring-back up	1				S	918G D15P0	Packing set	1 set			
S44	8280 72082	Ring-back up	1										
S45	7321 21016	Ring-back up	3										
S46	7701 80041	Ring-back up	6										
47	7049 05008	Screw-set	1										
48	7049 06006	Screw-set	1										
49	7049 06008	Screw-set	3										
50	7161 08030	Bolt	3										
51	7161 08065	Bolt	2										
52	7161 08110	Bolt	1										
53	7161 12030	Bolt	4										
54	7142 05012	Bolt & Washer	2										
55	7141 08012	Bolt & Washer	6										
56	7231 06030	Pin-split	2										
57	7222 11120	Washer-spring	4										
58	7287 20200	Plug	2										
S59	8280 55065	Ring-back up	2										
S60	8280 33043	Ring-back up	2										
S61	8330 70085	Ring-back up	2										
S62	7701 80046	Ring-back up	2										
63	6014 73000	Extension cylinder holding valve Ass'y	1			CB-03ET							
		See Fig.2-2											

⬅...Interchangeable.

⬅...New parts interchangeable of old parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

Fig. 2-1 SELECTOR VALVE ASS'Y

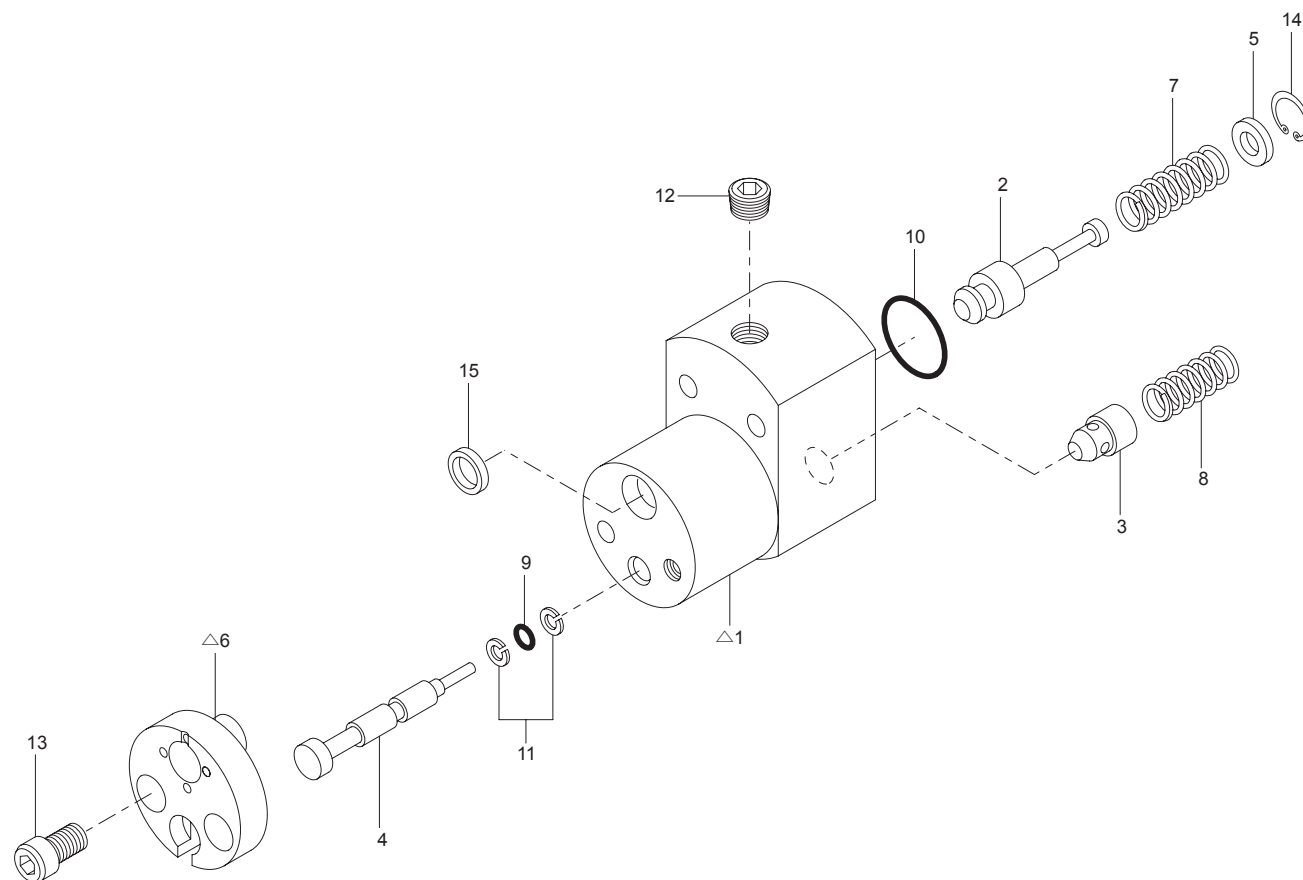


Fig.2-1 SELECTOR VALVE ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 15	090D 16010	Selector valve Ass'y	1 set										
1	NJ16 01010	Body	1	△									
2	CF15 14020	Valve-check(1)	1										
3	V314 09031	Valve-check(2)	1										
4	CF15 14030	Spool	1										
5	V314 09050	Washer	1										
6	NJ16 01020	Cover	1	△									
7	V714 08030	Spring(3)	1										
8	K815 07060	Spring(2)	1										
9	7311 71006	Ring-"O"	1										
10	7311 91026	Ring-"O"	1										
11	7321 21006	Ring-back up	2										
12	7287 20200	Plug	1										
13	7161 08015	Bolt	1										
14	7241 20160	Ring-snap	1										
15	7709 90059	Seal-cushion	1										

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

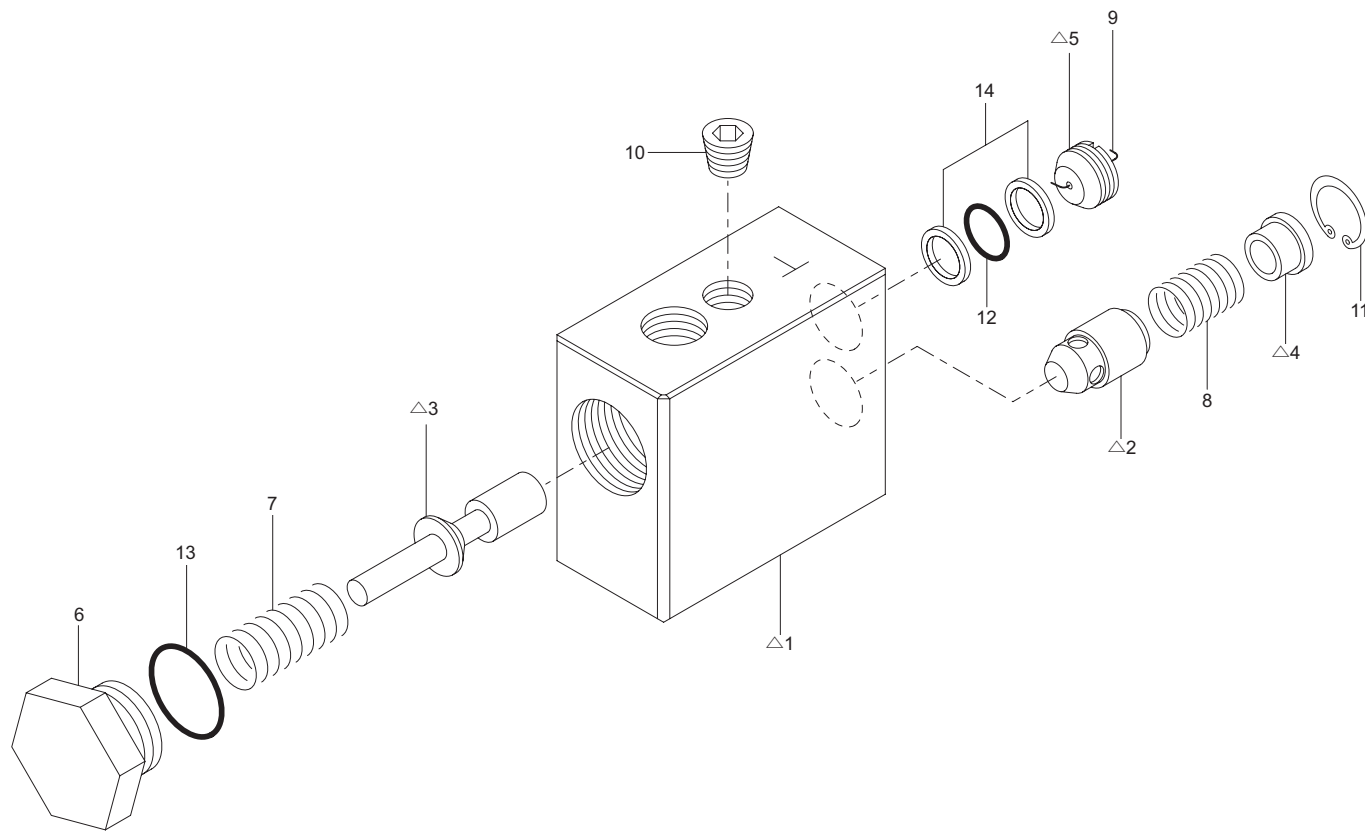


Fig.2-2 EXTENSION CYLINDER HOLDING VALVE ASS'Y(CB-03ET)

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 14	6014 73000	Extension cylinder holding valve Ass'y	1 set										
1	6014 73012	Body	1	△									
2	6011 93034	Valve-check	1	△									
3	6014 73070	Spool	1	△									
4	6011 93080	Seat-spring	1	△									
5	6014 73030	Orifice	1	△									
6	6014 73041	Plug	1										
7	6014 73080	Spring(1)	1										
8	6011 93070	Spring(2)	1										
9	6014 73060	Wire	1										
10	7287 20200	Plug	1										
11	7241 20160	Ring-snap	1										
12	7311 71012	Ring-"O"	1										
13	7311 91020	Ring-"O"	1										
14	7321 21012	Ring-back up	2										

↔ ... Interchangeable.

↔ ... New parts Interchangeable of oid parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 3 HOOK ASS'Y

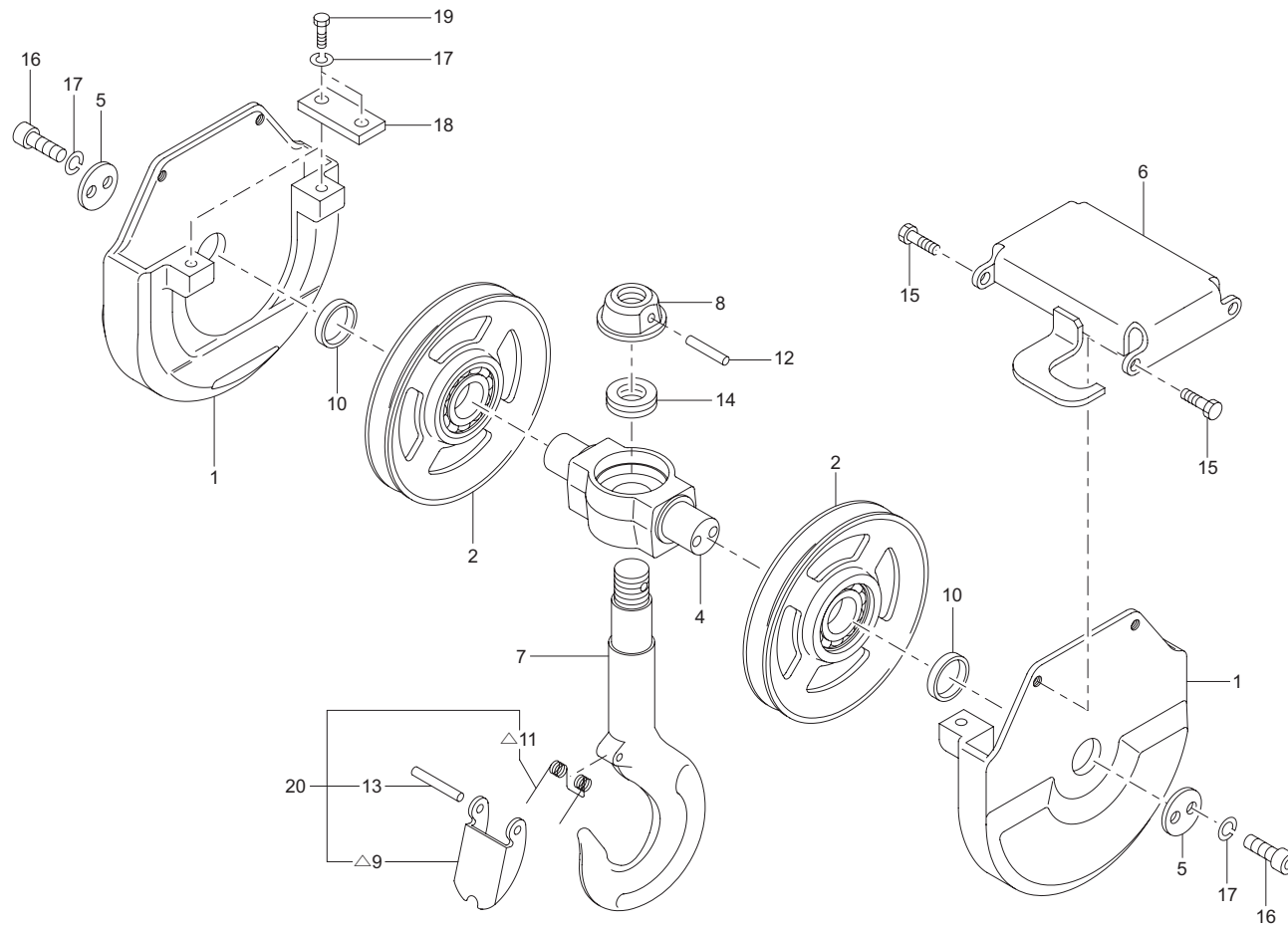


Fig.3 HOOK ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 20	091P 35000	Hook Ass'y	1 set			φ 175							
1	08FC 35010	Plate-side	2										
2	MK35 00810	Sheave Ass'y	2 set										
3	☆												
4	08FC 36010	Trunnion	1										
5	08D4 36040	Plate	2										
6	091P 35011	Stopper	1										
7	08FA 35031	Hook	1										
8	08FA 35020	Nut	1										
A9	0143 32081	Stopper	1	△									
10	0805 35040	Collar	2										
A11	0143 32090	Spring	1	△									
12	7234 08045	Pin-spring	1										
A13	7234 07055	Pin-spring	1										
14	7265 12070	Bearing-thrust ball	1										
15	7111 10015	Bolt	4										
16	7161 10D20	Bolt	4										
17	7222 11100	Washer-spring	8										
18	08FC 35030	Plate	2										
19	7117 10025	Bolt	4										
A20	9110 00022	Stopper Ass'y	1 set										

↔ ... Interchangeable.

↔ ... New parts interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 4 SAFETY DEVICE ASS'Y

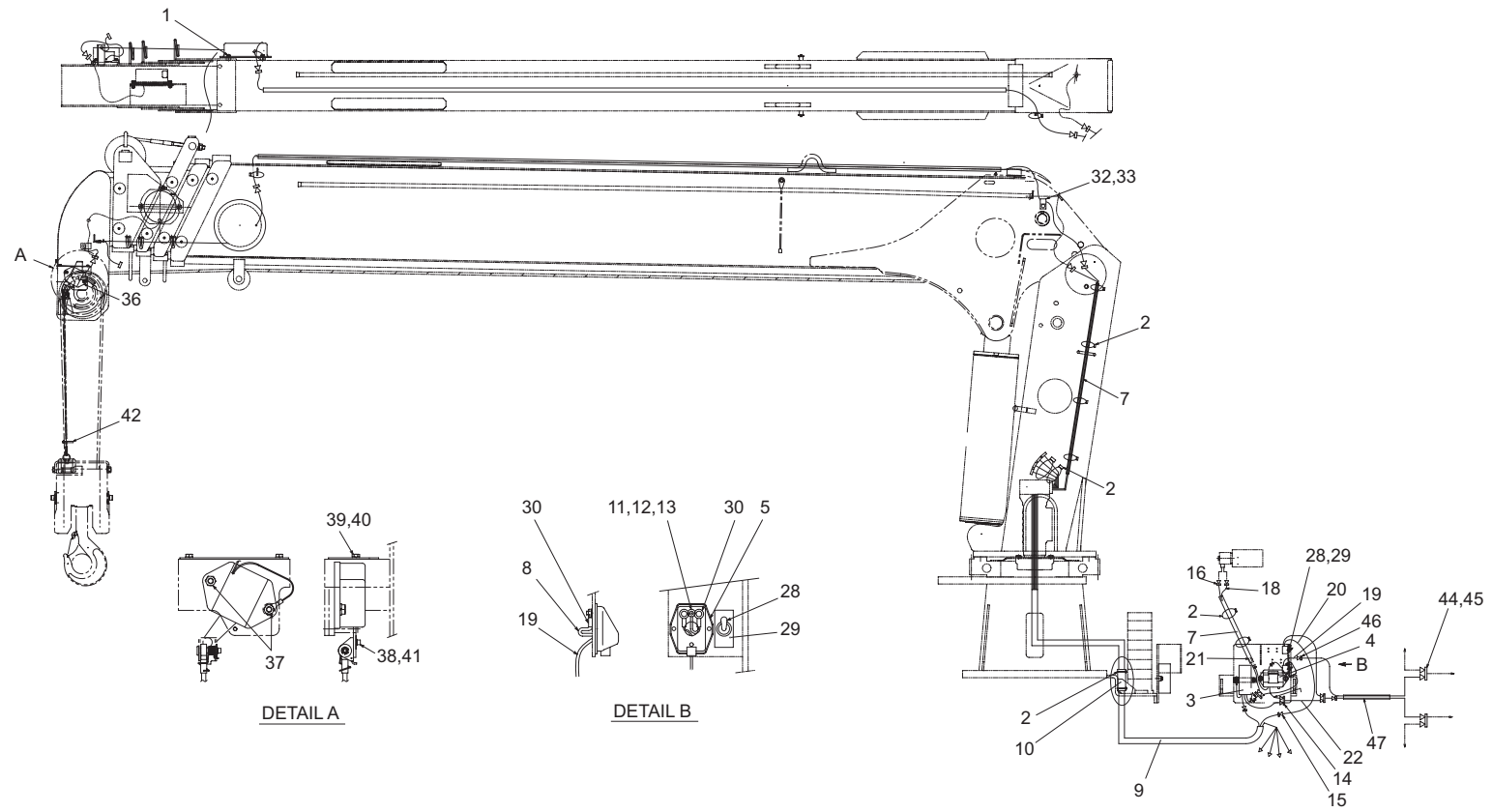


Fig.4 SAFETY DEVICE ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 47		Safety device Ass'y	1 set	△			22	7506 02001	Cord-vinyl	0.2 m			Red
1	7142 06012	Bolt	4				23	☆					
2	7505 16001	Band-wire	10				24	☆					
3	0891 96021	Relay box Ass'y	1				25	☆					
4	6031 16000	Alarm-overwinding (buzzer)	1				26	☆					
5	0111 89011	Switch-push button	1				27	☆					
6	☆						28	7503 01028	Switch-toggle	2			
7	7505 13006	Tube-wire	3.0 m			Black	29	7504 02001	Plate	2			
8	7506 02004	Cord-vinyl	0.3 m			Black	30	7505 09004	Terminal	3			
9	7505 13007	Tube-wire	2.0 m			Black	31	☆					
10	025R 63360	Plate-vinyl chloride	1				32	7505 23002	Clamp-wire	1			
11	7015 03015	Screw- machine	2				33	7601 10059	Screw-tapping	1			
12	7211 11030	Nut	2						(SENDING OUT PARTS)				
13	7223 12030	Washer-tooth	2				36	6032 18000	Alarm-overwinding (detector)	1			
14	7505 01004	Connector (F)	3				37	7142 06012	Bolt & Washer	2			
15	7505 01005	Connector (M)	15				38	7241 90050	Nut-push	1			
16	7505 01006	Connector (F)	9				39	08FM 91052	Cover	1			
17	☆						40	7142 04006	Bolt & Washer	2			
18	7506 02005	Cord-vinyl	1.0 m			Yellow	41	08FM 91080	Pin(5)	1			
19	7506 02072	Cord-vinyl	1.1 m			Green	42	7505 16002	Band-wire	1			
20	7506 02009	Cord-vinyl	0.7 m			Blue	43	☆					
21	7506 02008	Cord-vinyl	1.2 m			White	44	7505 01004	Connector(F)	2			

○...Interchangeable.

○...New parts interchangeable of old parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

Fig. 4 SAFETY DEVICE ASS'Y

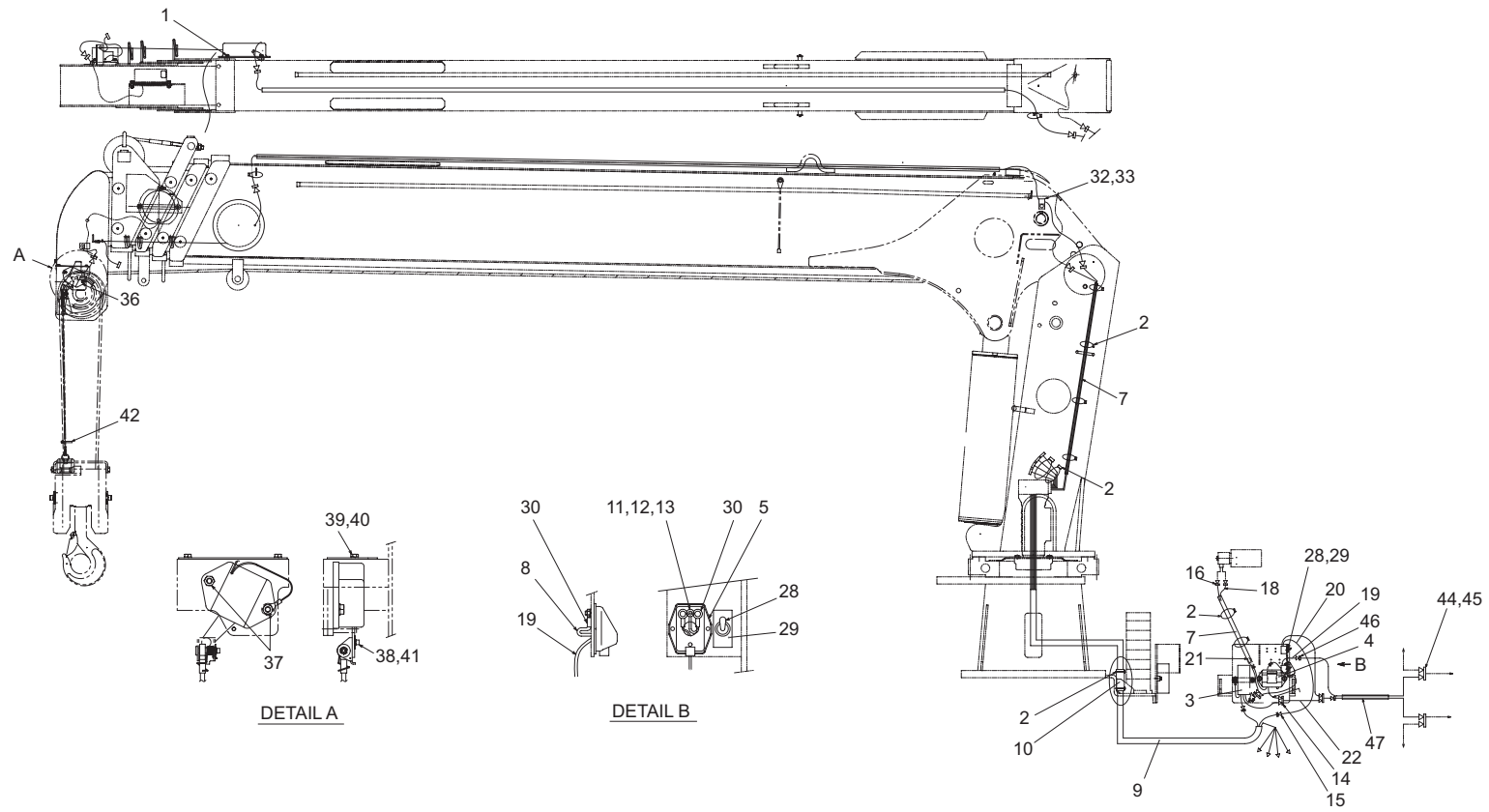


Fig.4 SAFETY DEVICE ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
45	7505 01005	Connector(m)	4			
46	7505 01006	Connector(F)	2			
47	7506 02073	Cord-vinyl	5.5 m			

• • • Interchangeable.

• • • New parts Interchangeable of old parts, but not vice-versa.

* ... Not interchangeable.

△ . . . Part not for sale.

D...Disuse.

Q...Quantity change.

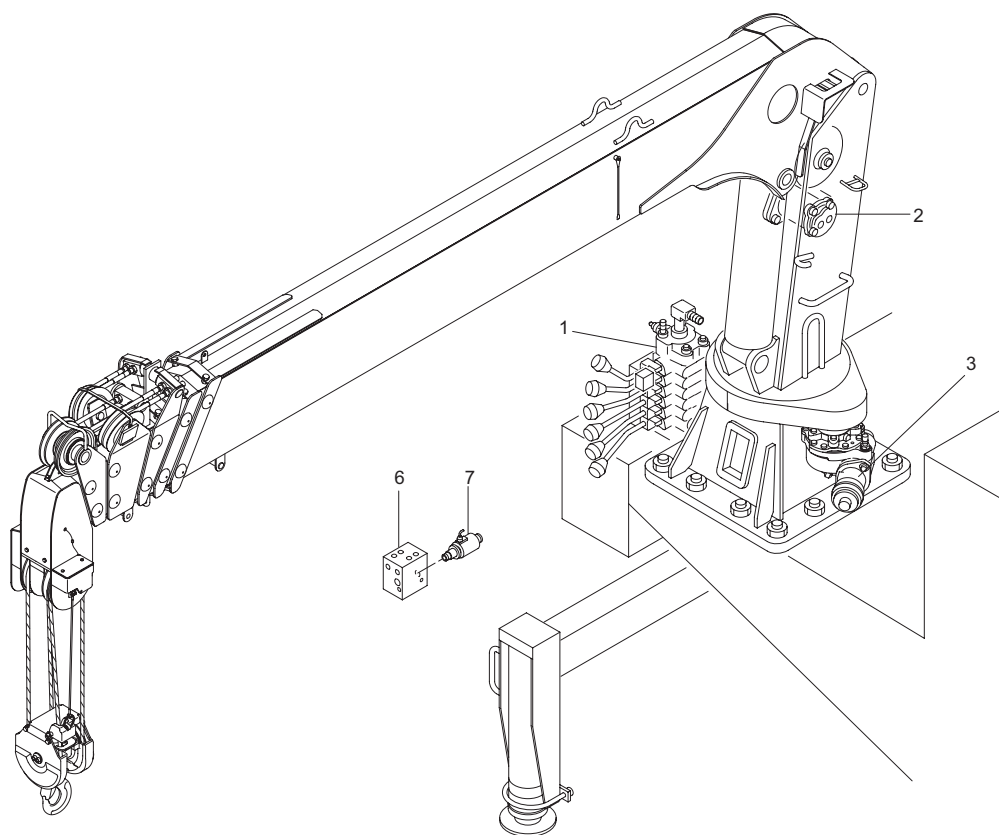


Fig.5 HYDRAULIC DRIVING DEVICE

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 7	C-515456	Hydraulic driving device	1 set	△									
1	D-521849	Control valve Ass'y See Fig. 24	1										
2	7403 20026	Hydraulic motor (Hoist)	1			CAPM25-25							
3	7403 60037	Hydraulic motor (Slewing)	1			SBP07SS2- XM2A14							
4	☆												
5	☆												
6	6017 02000	Pilot check valve Ass'y See Fig.5-1	1			CP-03W							
7	7401 92057	Solenoid valve	1										

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

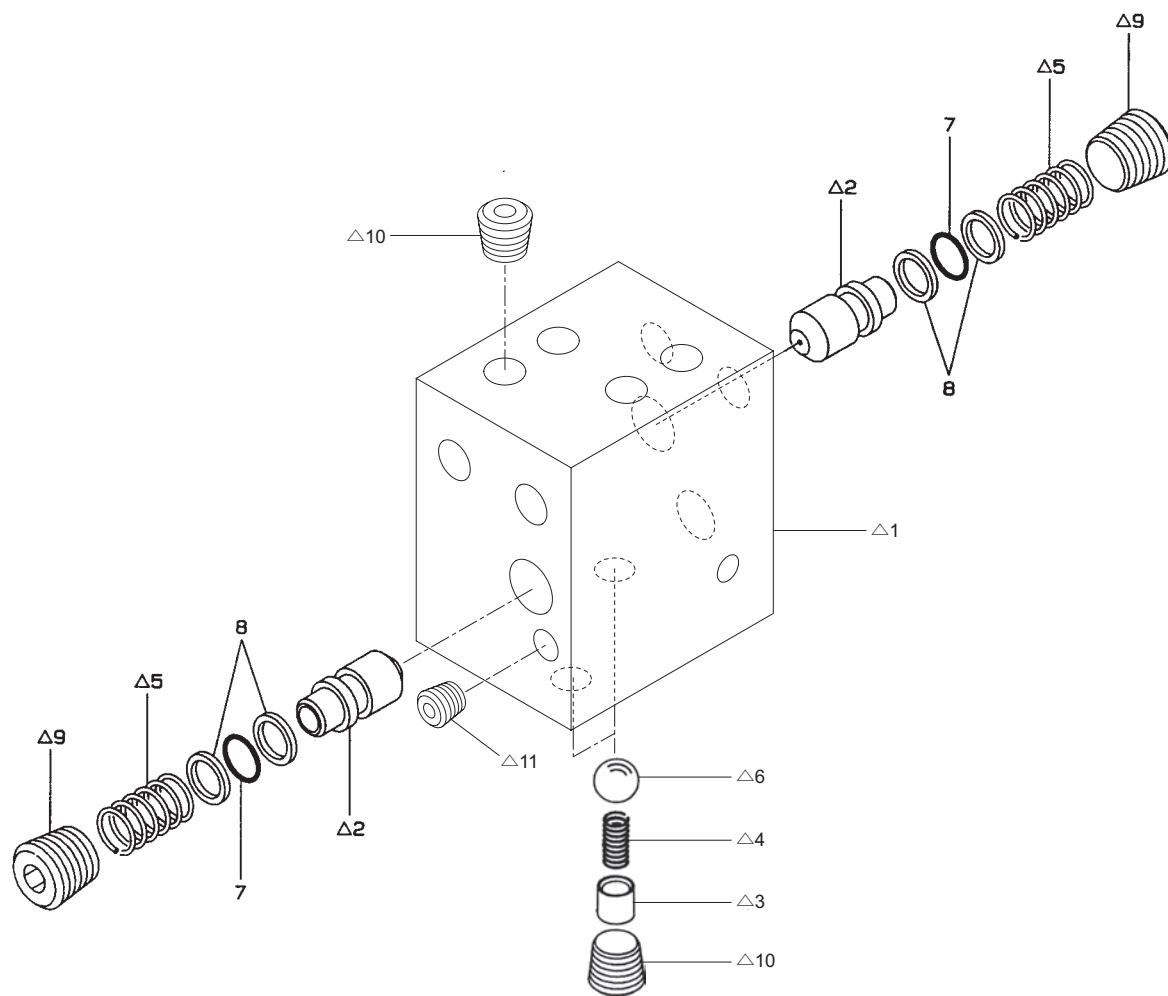


Fig.5-1 PILOT CHECK VALVE ASS'Y (CP-03W)

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 11	6017 02000	Pilot check valve Ass'y	1 set										
1	6017 02012	Body-valve	1	△									
2	6017 02040	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-buck up	4										
9	7287 20400	Plug(ST-PA-1/2)	2	△									
10	7287 20200	Plug(ST-PA-1/4)	6	△									
11	7287 20100	Plug(ST-PA-1/8)	2	△									

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 6-1 PIPING (Boom lift cylinder)

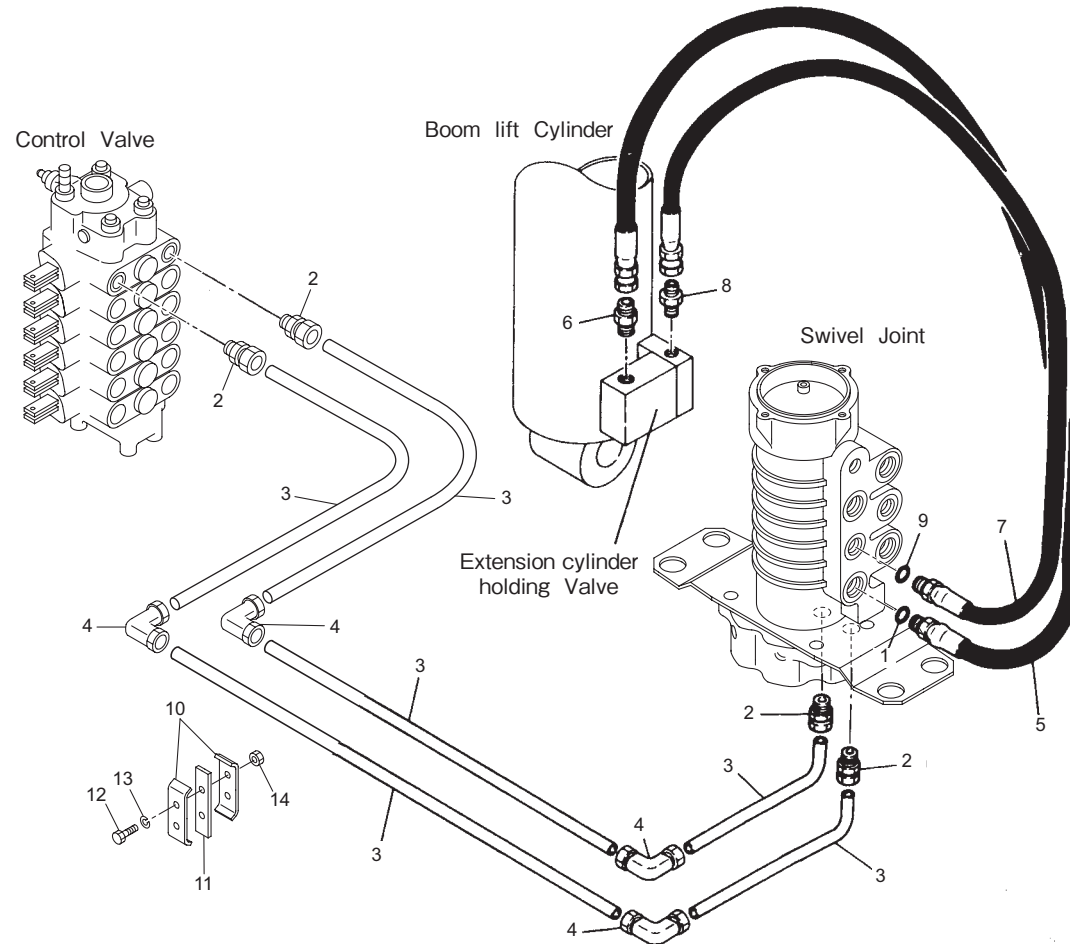


Fig.6-1 PIPING (Boom lift cylinder)

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 14		Piping (Boom lift cylinder)	1 set	△									
1	7311 91014	Ring-"O"	1										
2	7285 71203	Connector	4										
3	77P4 12015	Pipe	ℓ			φ 12							
4	7281 51200	Elbow	4										
5	7701 13035	Hose-pressure, nylon	1										
6	770A 02J06	Adapter (M) (M)	1										
7	7701 12020	Hose-pressure, nylon	1										
8	770A 02J04	Adapter (M) (M)	1										
9	7311 91011	Ring-"O"	1										
10	0885 65010	Clamp	4										
11	0885 65021	Bracket	2										
12	7111 08065	Bolt	4										
13	7222 11080	Washer-spring	4										
14	7211 11080	Nut	4										

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 6-2 PIPING (Hoist motor)

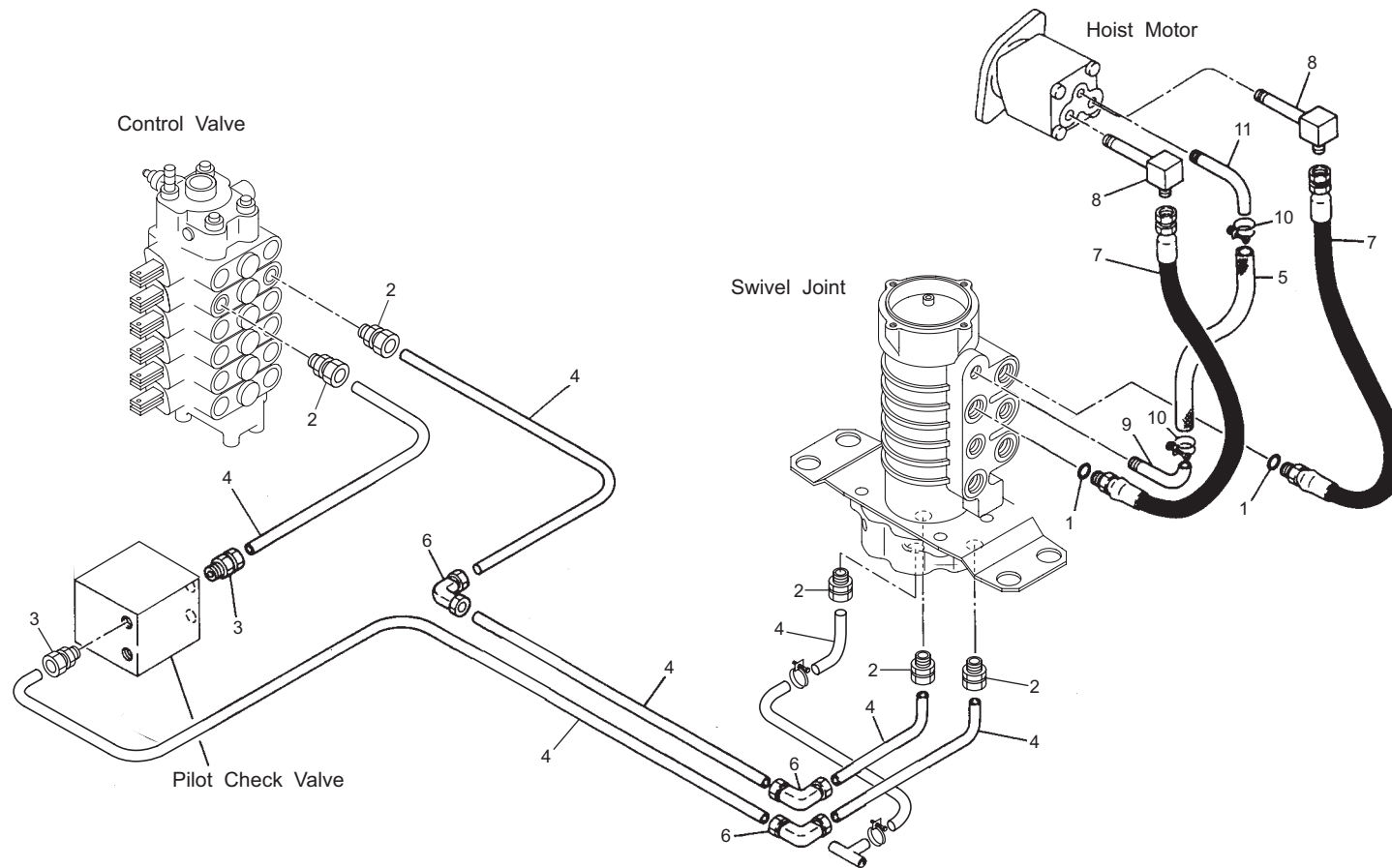


Fig.6-2 PIPING (Hoist motor)

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 11		Piping (Hoist motor)	1 set	△									
1	7311 91014	Ring-"O"	2										
2	7285 71203	Connector	5										
3	7280 51203	Connector (M)	2										
4	77P4 12015	Pipe	ℓ			φ 12							
5	77V3 12000	Hose-vinyl	ℓ			φ 12							
6	7281 51200	Elbow	3										
7	7701 13034	Hose- pressure	2										
8	7702 90038	Joint	2										
9	0143 62022	Joint-hose	1										
10	7600 00867	Band-hose	2			φ 19							
11	0182 62050	Joint-hose	1										

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 6-3 PIPING (Extension cylinder)

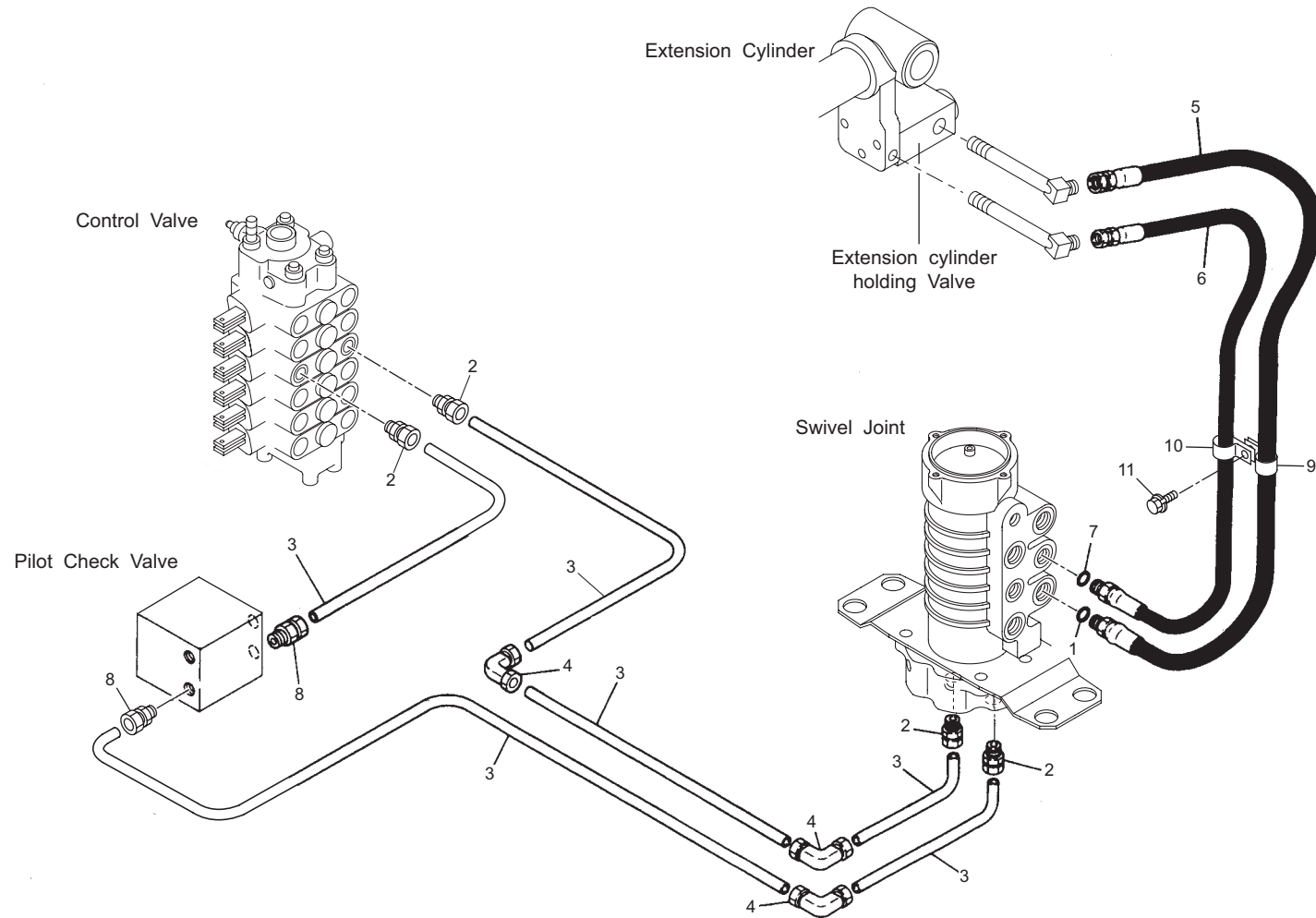


Fig.6-3 PIPING (Extension cylinder)

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 11		Piping (Extension cylinder)	1 set	△									
1	7311 91014	Ring-"O"	1										
2	7285 71203	Connector	4										
3	77P4 12015	Pipe	ℓ			φ 12							
4	7281 51200	Elbow	3										
5	7701 13033	Hose-pressure, nylon	1										
6	7701 12019	Hose-pressure, nylon	1										
7	7311 91011	Ring-"O"	1										
8	7280 51203	Connector (M)	2										
9	6022 11051	Clamp	1										
10	6022 11071	Clamp	1										
11	7142 06010	Bolt & Washer	1										

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

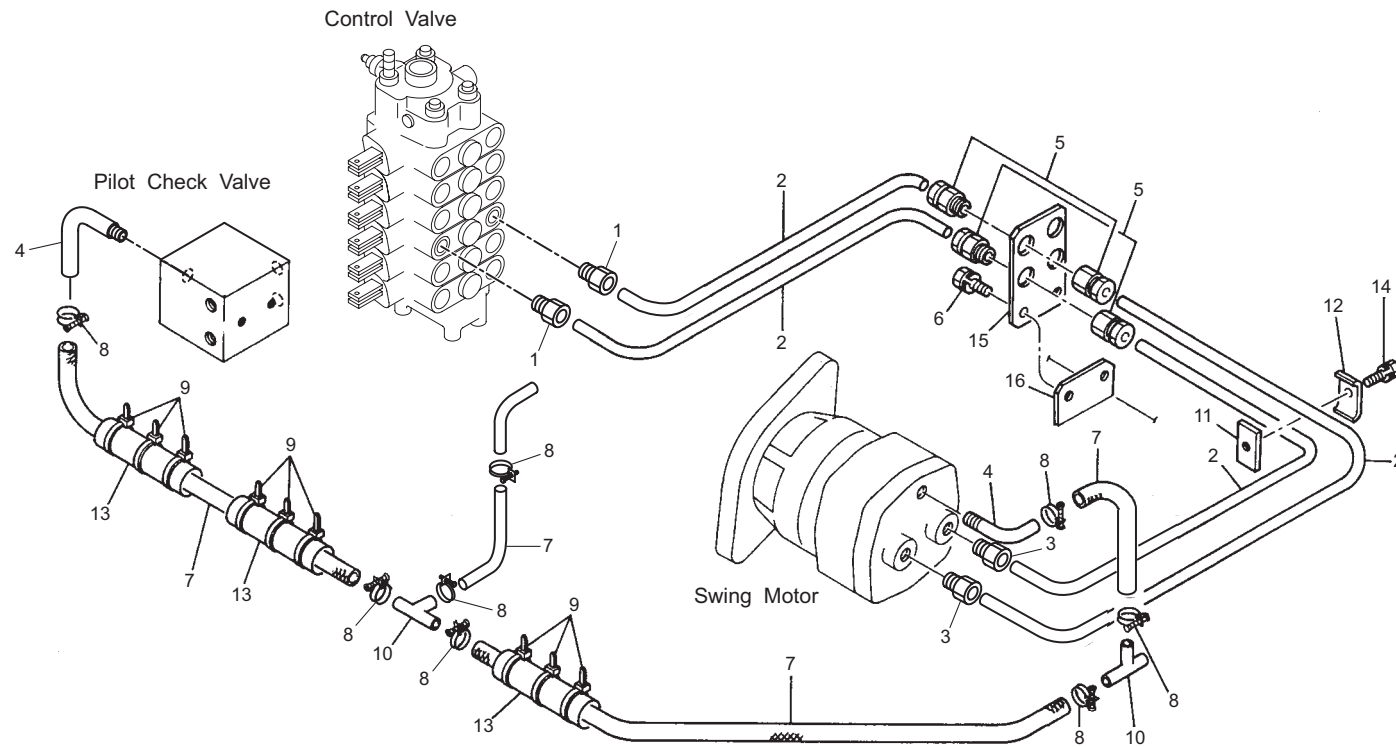


Fig.6-4 PIPING (Swing motor)

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 16		Piping (Swing motor)	1 set	△									
1	7285 71003	Connector	2										
2	77P4 10012	Pipe	ℓ			φ 10							
3	7280 51003	Connector	2										
4	0800 62030	Joint-hose	2										
5	7282 91000	Union-clamping	2										
6	7141 08015	Bolt & Washer	2										
7	77V3 12000	Hose-vinyl	ℓ			φ 12							
8	7600 00867	Band-hose	8			φ 19							
9	7505 16001	Band-wire	9										
10	0802 73030	Joint-hose	2										
11	085C 65020	Plate	1										
12	0138 62030	Clamp-pipe	1										
13	01B1 62020	Plate -vinyl chloride	3										
14	7141 10025	Bolt & Washer	1										
15	08V8 65030	Plate (3)	1										
16	08V8 65040	Plate (4)	1										

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 6-5 PIPING (Outrigger)

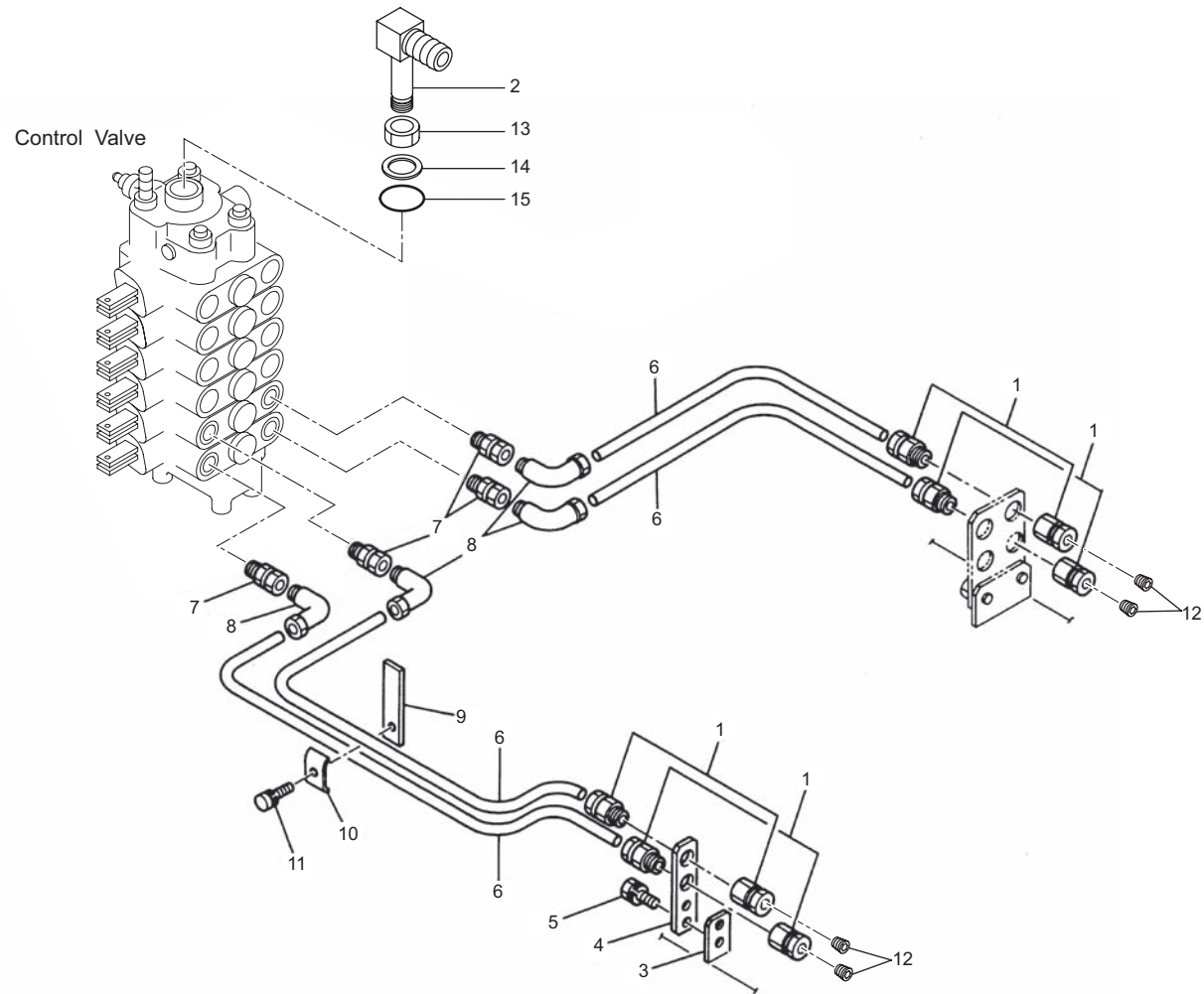


Fig.6-5 PIPING (Outrigger)

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 15		Piping (Outrigger)	1 set	△									
1	7288 61002	Socket-clamping	4										
2	0805 65020	Joint-hose	1										
3	08V8 65010	Plate (1)	1										
4	08V8 65020	Plate (2)	1										
5	7141 08015	Bolt & Washer	2										
6	77P4 10012	Pipe	ℓ			φ 10							
7	770A 08J06	Adapter (F) (M)	4										
8	7281 71003	Nipple-elbow	4										
9	08V8 65060	Bracket (1)	1										
10	0138 62030	Clamp-pipe	1										
11	7141 10025	Bolt	1										
12	7287 20200	Plug	4										
13	0143 62040	Nut	1										
14	0143 62050	Ring-back up	1										
15	7311 91024	Ring-"O"	1										

↔ ... Interchangeable.

↔ ... New parts interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 7 COLUMN ASS'Y

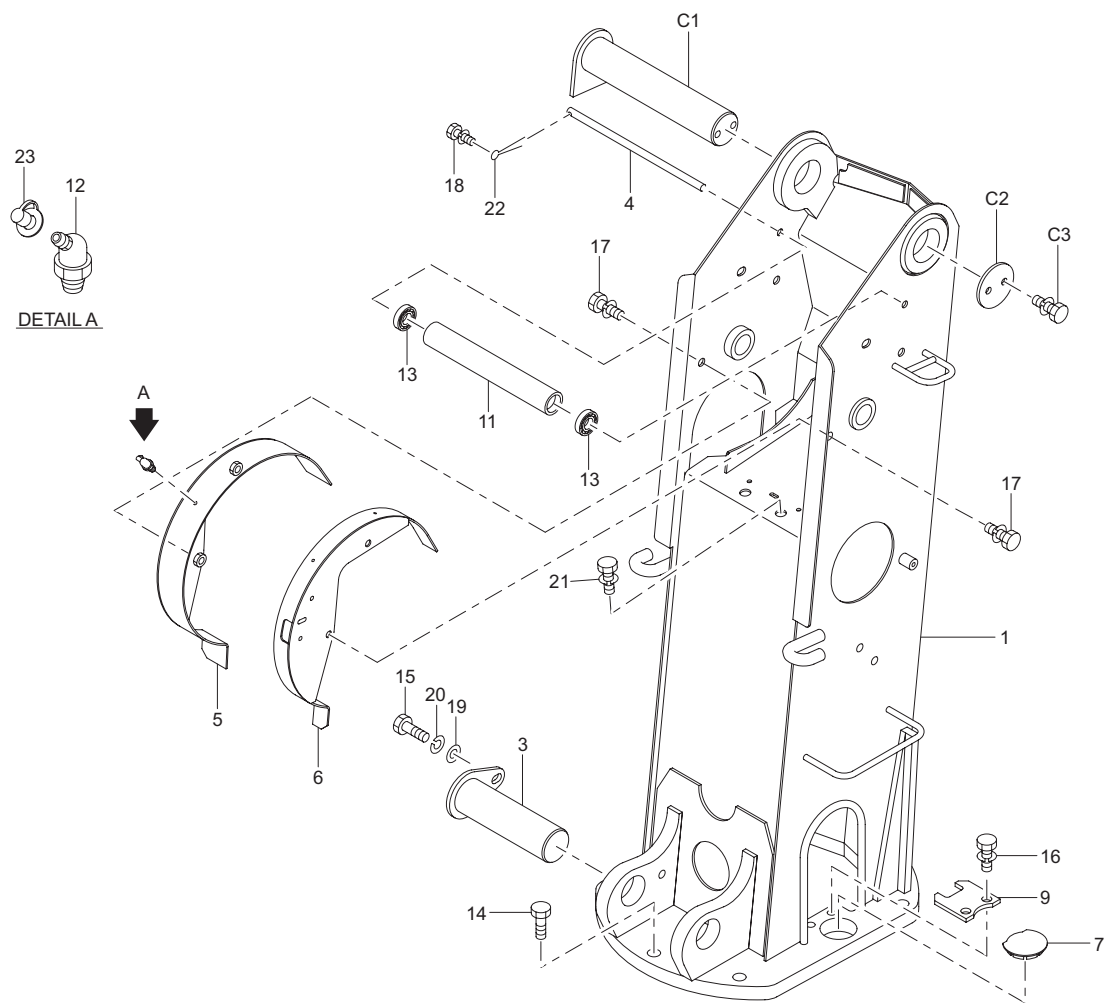


Fig.7 COLUMN ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 23	090B 51000	Column Ass'y	1 set	△		Incl.C1 ~ C3	22	7231 06025	Pin-split	1			
1	090B 51016	Column	1				23	7703 10027	Cap-nipple	1			
2	☆						C1	090B 51022	Pin(50)	1			
3	0143 51131	Pin	1				C2	0143 51040	Plate-end	1			
4	090B 51030	Pin(10)	1				C3	7141 10020	Bolt & Washer	2			
5	090B 51042	Cover(1)	1										
6	090B 51111	Cover(2)	1										
7	090B 51120	Cover	1										
8	☆												
9	090B 51071	Stopper	1										
10	☆												
11	090B 51080	Roller	1										
12	7243 34000	Nipple-grease	1										
13	7260 60002	Bearing	2										
14	08H6 51060	Bolt	11										
15	7119 12D30	Bolt	1										
16	7141 12020	Bolt & Washer	2										
17	7141 10016	Bolt & Washer	4										
18	7142 05014	Bolt & Washer	1										
19	7221 12120	Washer-plain	1										
20	7222 11120	Washer-spring	1										
21	7141 10020	Bolt & Washer	2										

○...Interchangeable.

○...New parts interchangeable of old parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

Fig. 8 BASE ASS'Y

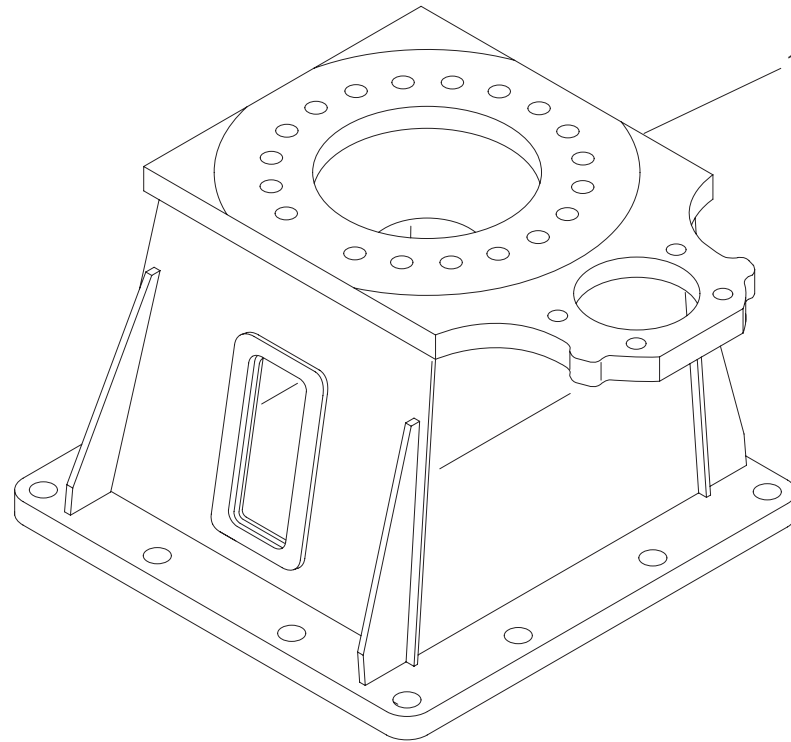


Fig.8 BASE ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1	08V8 56000	Base Ass'y	1 set	△									
1	08V8 56012	Base	1										

Fig. 9 SWING DEVICE ASS'Y

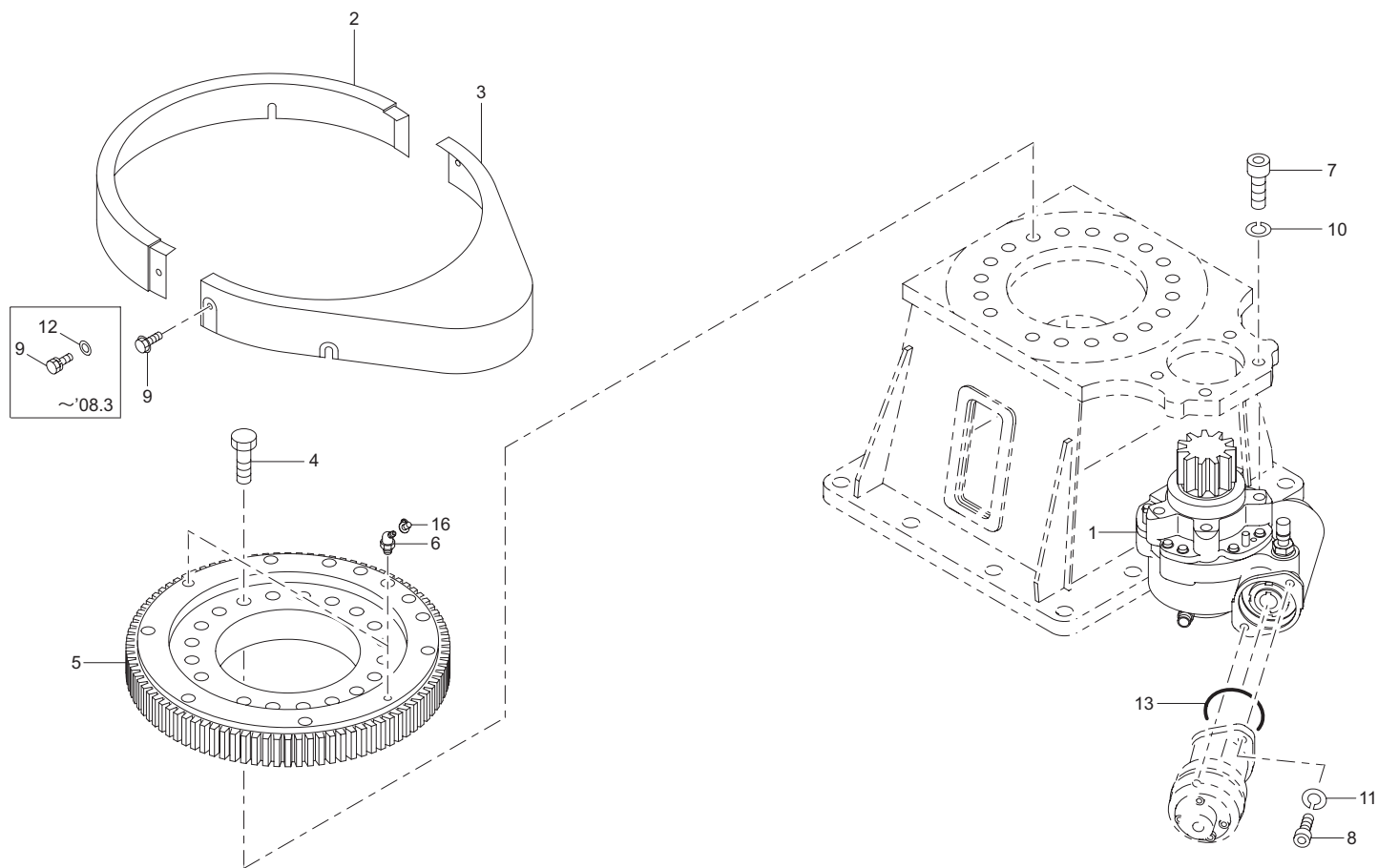


Fig.9 SWING DEVICE ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 16		Swing device Ass'y	1 set	△									
1		Swing gear box Ass'y	1										
		See Fig.9-1											
2	0805 41022	Cover(1)	1										
3	0805 41032	Cover(2)	1										
4	0885 41040	Bolt	19										
5	7405 30032	Table-turn	1										
6	7243 34000	Nipple-grease	2										
7	7161 16D50	Bolt	4										
8	7161 12D30	Bolt	2										
9	7141 08018	Bolt & Washer	6		~ '08.3								
	7601 29145	Bolt & Washer	6		'08.4 ~								
10	7222 11160	Washer-spring	4										
11	7222 11120	Washer-spring	2										
12	7221 12080	Washer-plain	6	D	~ '08.3								
13	7311 73152	Ring-"O"	1										
14	☆												
15	☆												
16	7703 10027	Cap-nipple	2										

↔ ... Interchangeable.

↔ ... New parts interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 9-1 SWING GEAR BOX ASS'Y

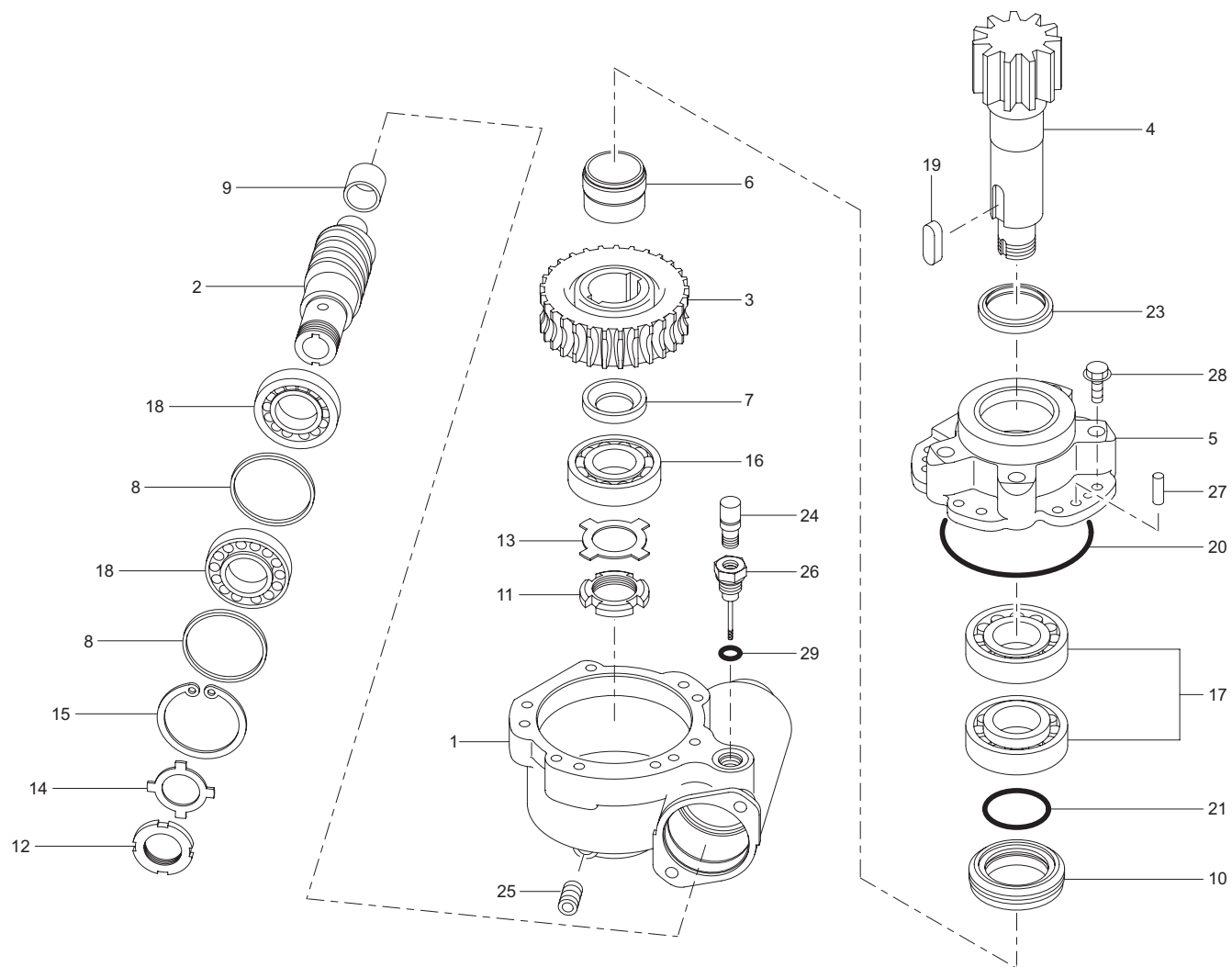


Fig.9-1 SWING GEAR BOX ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 29		Swing gear box Ass'y	1 set				22	☆					
1	NG41 01012	Casing	1				23	8220 56070	Seal-dust	1			
2	K841 05023	Shaft-worm	1				24	0138 41120	Breather	1			
3	NG41 01020	Wheel-worm	1				25	7287 20300	Plug	1			
4	NG41 01030	Shaft-gear	1				26	NG41 01070	Oil level gauge	1			
5	NG41 01042	Housing-bearing	1				27	7232 10030	Pin-taper	2			
6	NG41 01050	Collar(1)	1				28	7601 29049	Bolt-flange	8			
7	AP41 01040	Collar(2)	1				29	7311 91018	Ring-"O"	1			
8	K841 01070	Collar(3)	2										
9	F241 01080	Bushing(1)	1										
10	AP41 01050	Nut(M90)	1										
11	7243 10700	Nut-crown	1										
12	7243 10800	Nut-crown	1										
13	7243 20700	Washer-crown	1										
14	7243 20800	Washer-crown	1										
15	7241 20800	Ring-snap	1										
16	7260 62070	Bearing	1										
17	7263 20100	Bearing-taper roller	2										
18	7263 02080	Bearing-taper roller	2										
19	7332 15044	Key	2										
20	7311 72140	Ring-"O"	1										
21	7311 72060	Ring-"O"	1										

⬅...Interchangeable.

⬅...New parts interchangeable of old parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

Fig. 10 HOIST WINCH ASS'Y

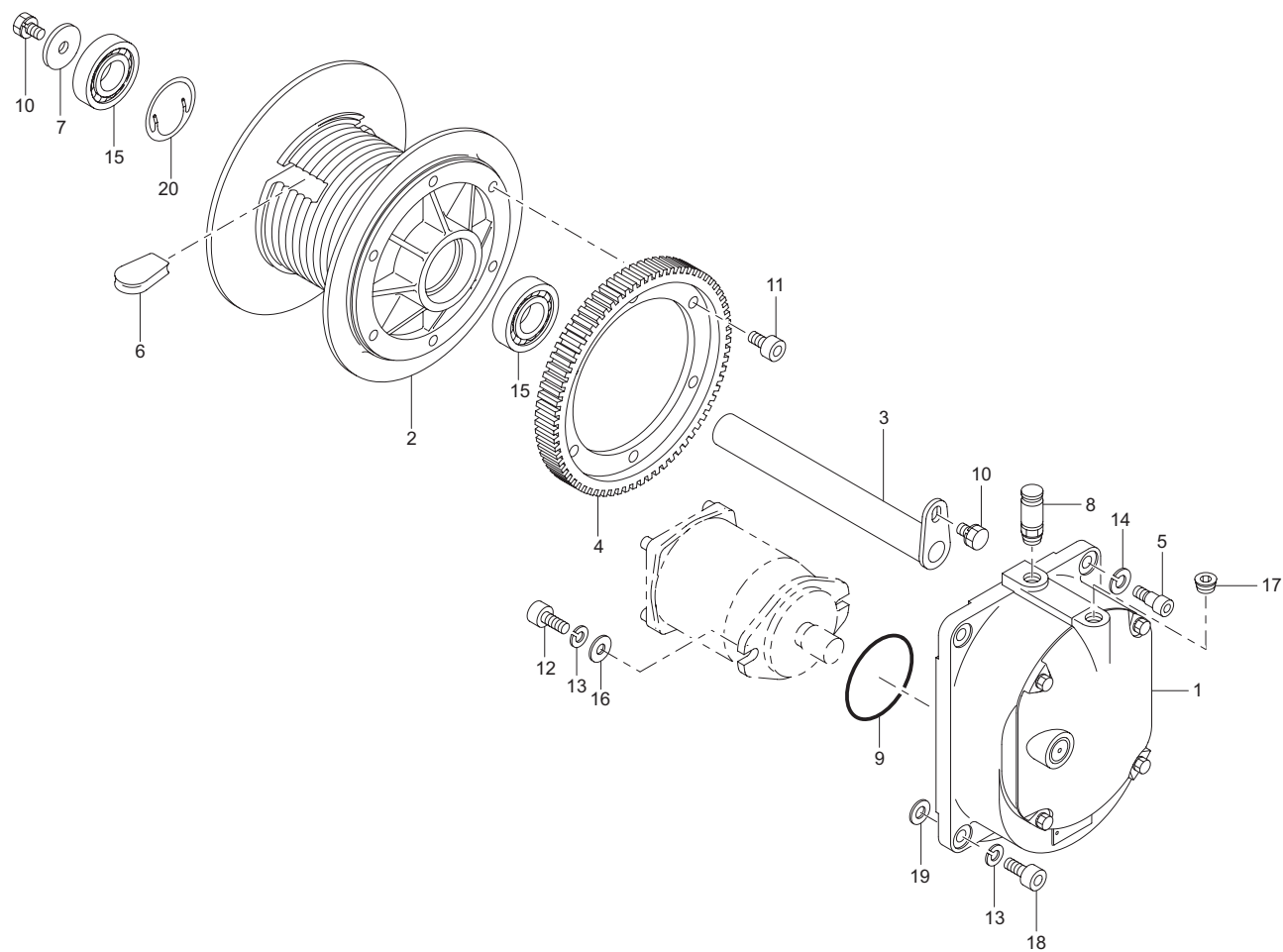


Fig. 10 HOIST WINCH ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 20	090B 31000	Hoist winch Ass'y	1 set				19-2	0143 31070	Shim(2)	1			t=0.8
1	090B 31021	Reduction gear Ass'y See Fig.10-1	1				20	090B 31030	Plate	1			
2	090B 31010	Drum(136)	1		~ '08.5								
	090B 31040	Drum(136)	1		'08.6 ~								
3	0805 31030	Pin(30)	1										
4	0143 31040	Gear(4)	1										
5	088D 31040	Bolt-set	1										
6	0123 32090	Wedge	1										
7	0119 51060	Plate	1										
8	0138 41120	Breather	1										
9	7311 72080	Ring-"O"	1										
10	7141 10016	Bolt & Washer	2										
11	7161 10020	Bolt	6										
12	7161 10030	Bolt	2										
13	7222 11100	Washer-spring	5										
14	7222 11120	Washer-spring	1										
15	7260 62062	Bearing	2										
16	7221 12100	Washer-plain	2										
17	7287 20300	Plug	1										
18	7161 10D25	Bolt	3										
19-1	0143 31060	Shim(1)	1			t=0.4							

⬅...Interchangeable.

⬅...New parts interchangeable of old parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

Fig. 10-1 HOIST WINCH REDUCTION GEAR ASS'Y

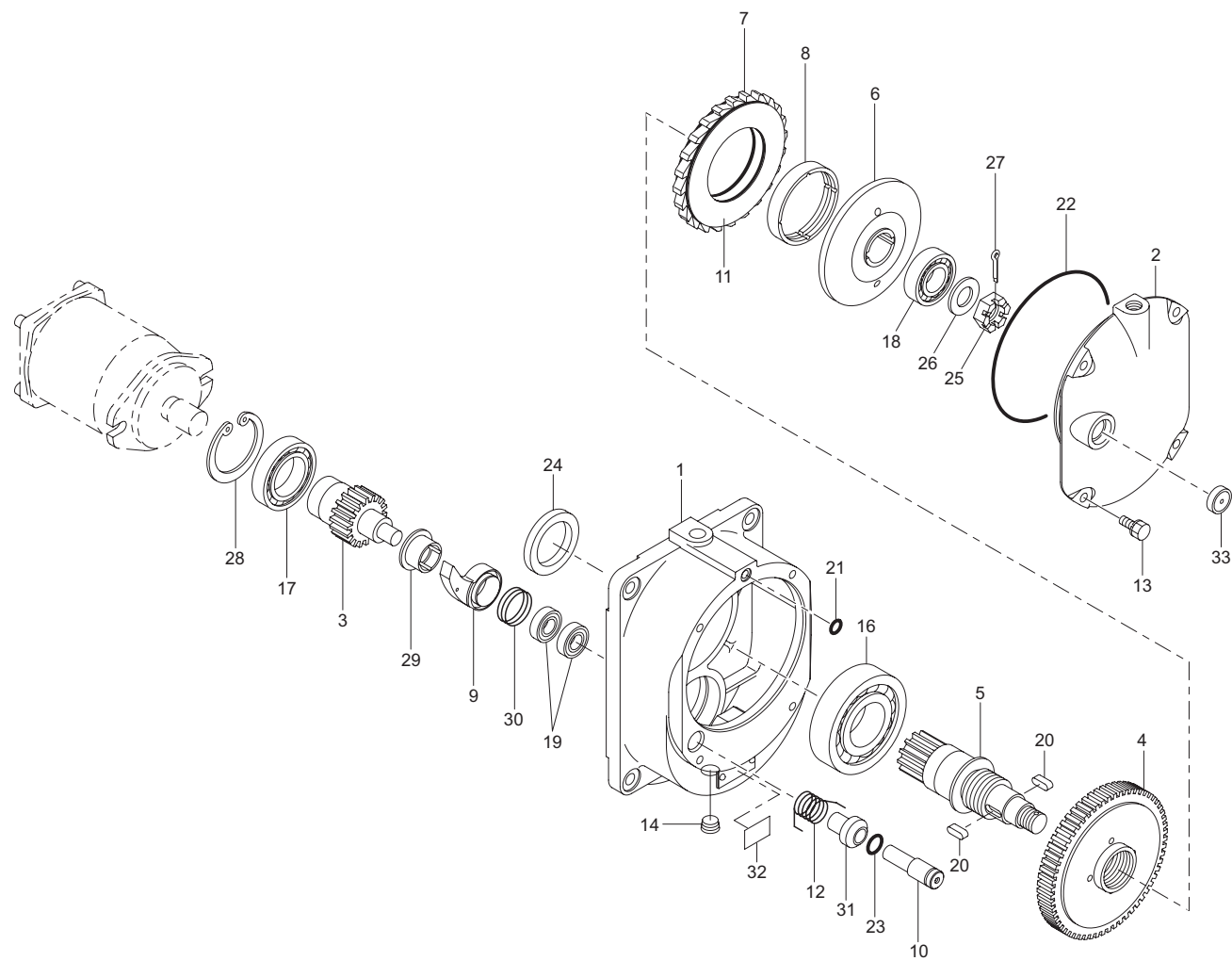


Fig. 10-1 HOIST WINCH REDUCTION GEAR ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 33	090B 31021	Hoist winch reduction gear Ass'y	1 set				22	7311 72145	Ring-"O"	1			
1	NG31 02012	Casing	1				23	7311 74016	Ring-"O"	1			
2	NG31 02021	Cover	1				24	8520 45062	Seal-oil	1			
3	N131 01030	Gear(1)	1				25	7213 31200	Nut-castle	1			
C4	0125 31075	Gear(2)	1				26	7221 12200	Washer-plain	1			
C5	DC31 01031	Shaft-gear	1				27	7231 04030	Pin-split	1			
6	0125 31122	Disc	1				28	7241 20680	Ring-snap	1			
A7	0125 31111	Wheel-ratchet	1				B29	N131 01070	Bushing	1			
A8	0125 31144	Bushing	1				30	N131 03030	Spring	1			
B9	N131 03020	Pawl	1				31	N131 01091	Collar	1			
10	DC31 01040	Pin-pawl	1				32	DC31 01050	Name plate	1			
11	V131 01050	Brake shoe Ass'y	2				33	7703 61006	Oil level gauge	1			
12	N131 01060	Spring	1						(Note)				
13	7141 08020	Bolt & Washer	4				A	N131 03810	Ratchet wheel Ass'y	1 set			
14	7287 20300	Plug	1				B	N131 03820	Pawl Ass'y	1 set			
15	☆						C	DC31 01810	Gear shaft Ass'y	1 set			
16	7260 63090	Bearing	1										
17	7260 60080	Bearing	1										
18	7260 62050	Bearing	1										
19	7260 60020	Bearing	2										
20	7331 07020	Key	2										
21	7311 71010	Ring-"O"	1										

○...Interchangeable.

○...New parts interchangeable of old parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

Fig. 11 BOOM LIFT CYLINDER ASS'Y

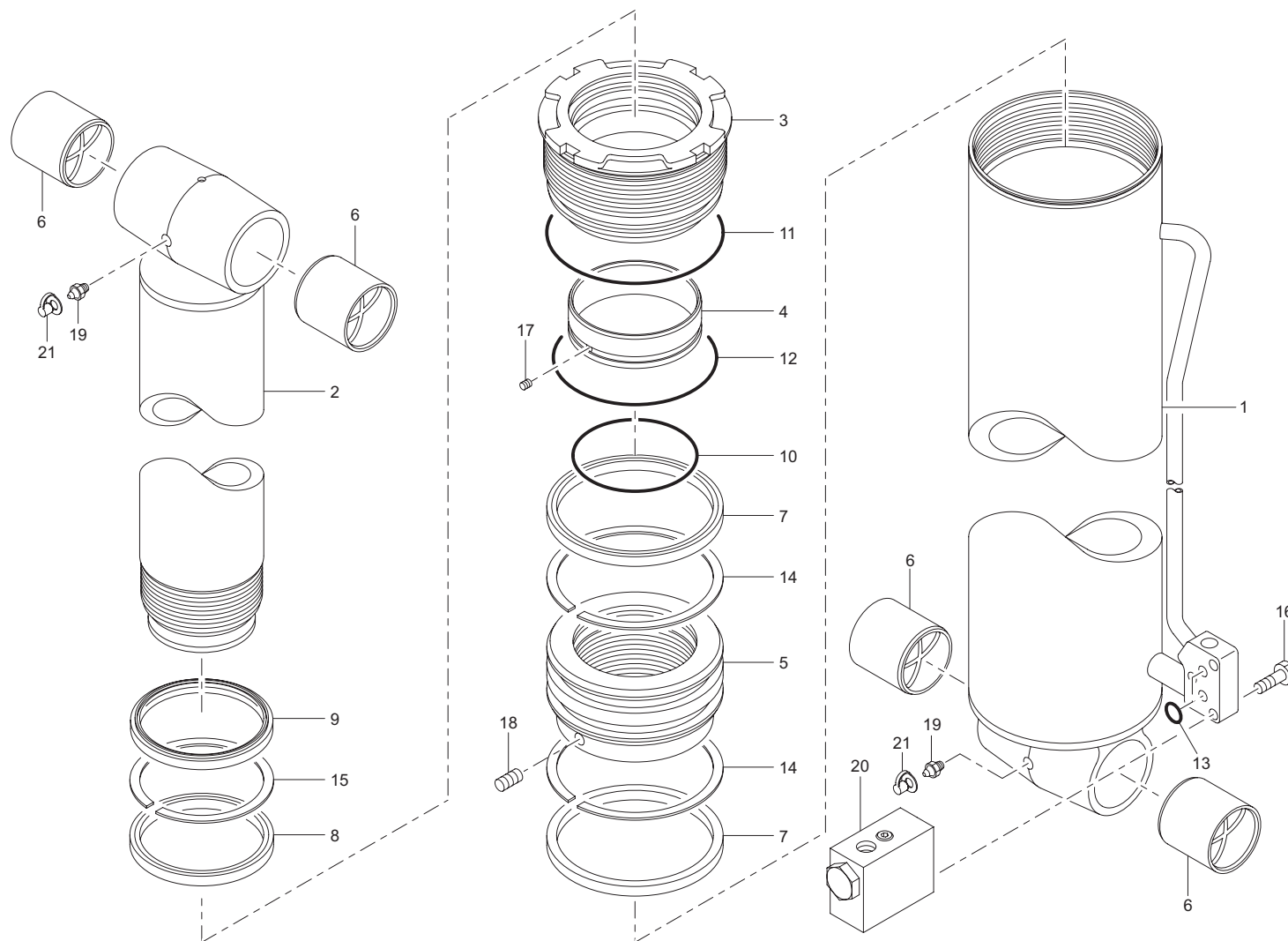


Fig. 11 BOOM LIFT CYLINDER ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 21	090B 11000	Boom lift cylinder Ass'y	1 set				21	7703 10027	Cap-nipple	2			
1	090B 11010	Tube Ass'y(1)	1				S	9190 B11P0	Packing set	1 set			
2	090B 11021	Rod Ass'y(1)	1										
3	090B 11031	Gland	1										
4	0805 11040	Bushing-gland	1										
5	090B 11040	Piston	1										
6	090B 21120	Bushing	4										
S7	8231 20135	Packing	2										
S8	8420 95110	Packing	1										
S9	7702 20022	Seal-dust	1										
S10	7311 92095	Ring-"O"	1										
S11	7311 72135	Ring-"O"	1										
S12	7311 91125	Ring-"O"	1										
S13	7311 91016	Ring-"O"	2										
S14	8281 20135	Ring-back up	2										
S15	8280 95110	Ring-back up	1										
16	7117 08030	Bolt	3										
17	7049 06008	Screw-set	2										
18	7049 10020	Screw-set	1										
19	7243 32000	Nipple-grease	2										
20	6060 57000	Boom lift cylinder holding valve Ass'y	1			CB-03ED-W3							
		See Fig.11-1											

⬅...Interchangeable.

⬅...New parts interchangeable of old parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

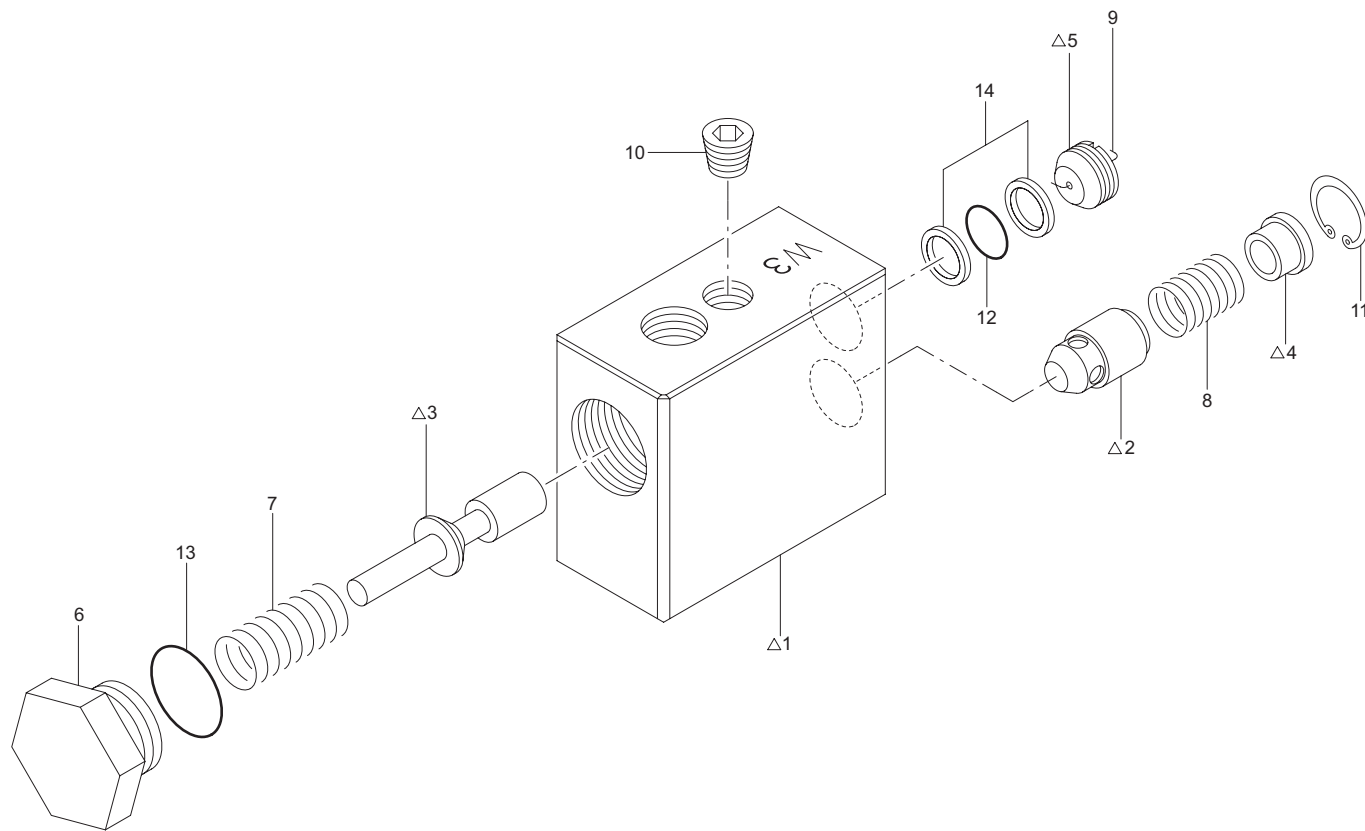


Fig. 1 1-1 BOOM LIFT CYLINDER HOLDING VALVE ASS'Y (CB-03ED-W3)

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 14	6060 57000	Boom lift cylinder holding valve Ass'y	1 set										
1	6060 57010	Body	1	△									
2	6011 93034	Valve-check	1	△									
3	6014 73070	Spool	1	△									
4	6011 93080	Seat-spring	1	△									
5	6014 73030	Orifice	1	△									
6	6014 73041	Plug	1										
7	6014 73080	Spring(1)	1										
8	6011 93070	Spring(2)	1										
9	6014 73060	Wire	1										
10	7287 20200	Plug	1										
11	7241 20160	Ring-snap	1										
12	7311 71012	Ring-"O"	1										
13	7311 91020	Ring-"O"	1										
14	7321 21012	Ring-back up	2										

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 12 OUTRIGGER CYLINDER ASS'Y

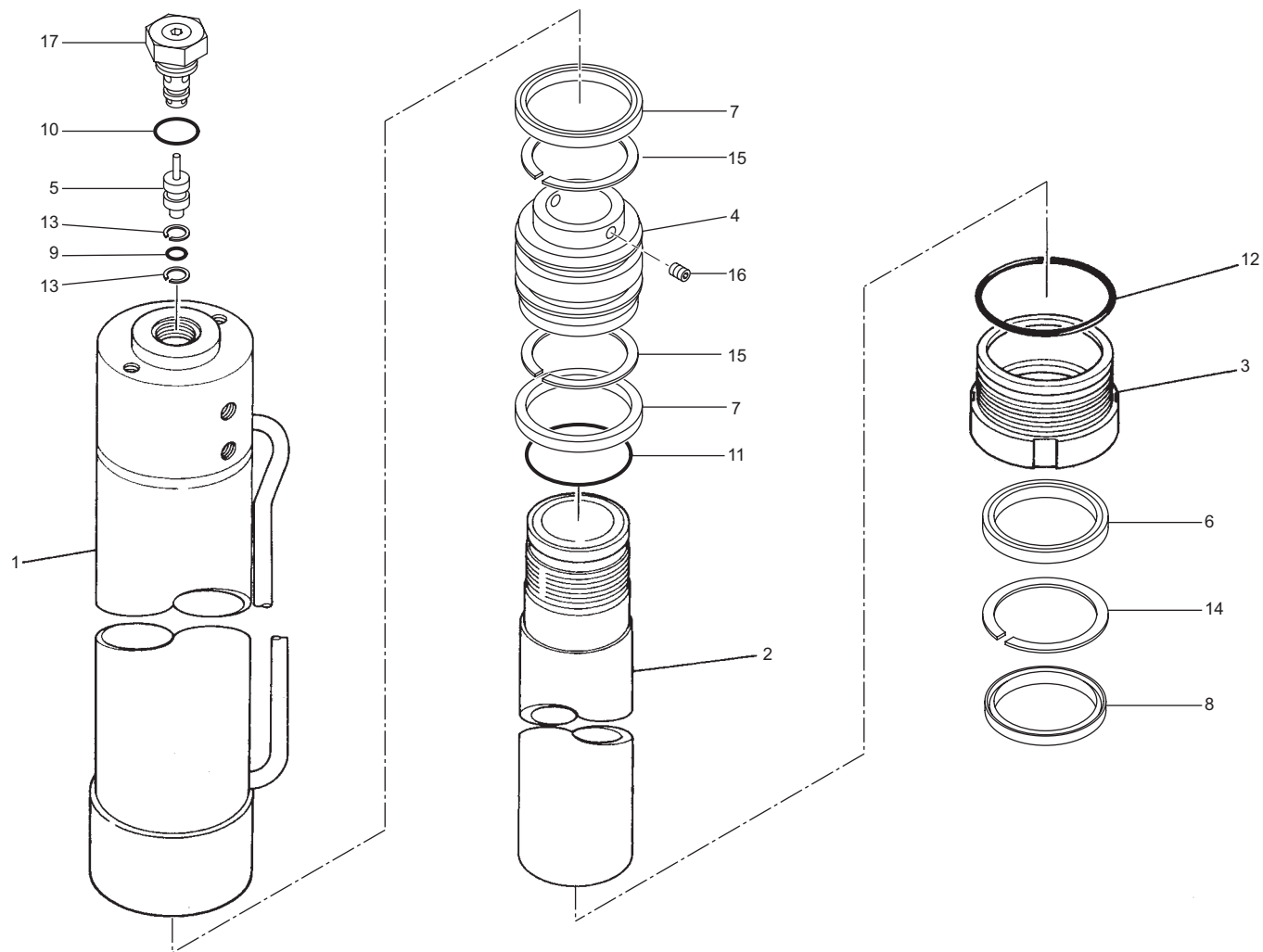


Fig. 12 OUTRIGGER CYLINDER ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 17	0805 13000	Outrigger cylinder Ass'y	1 set										
1	0805 13012	Tube Ass'y (1)	1										
2	0805 13020	Rod Ass'y (1)	1										
3	0805 13030	Gland	1										
4	0143 13031	Piston	1										
5	0143 13041	Spool	1										
S6	8420 70080	Packing	1										
S7	8230 75085	Packing	2										
S8	8300 70084	Seal-dust	1										
S9	7311 71011	Ring-"O"	1										
S10	7311 92025	Ring-"O"	1										
S11	7311 92065	Ring-"O"	1										
S12	7311 92080	Ring-"O"	1										
S13	7321 21011	Ring-back up	2										
S14	8280 70080	Ring-back up	1										
S15	8280 75085	Ring-back up	2										
16	7049 08010	Screw-set	2										
17	6016 81000	Pilot check valve Ass'y	1			CP-03F							
		See Fig.12-1											
S	9180 513P0	Packing set	1 set										

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

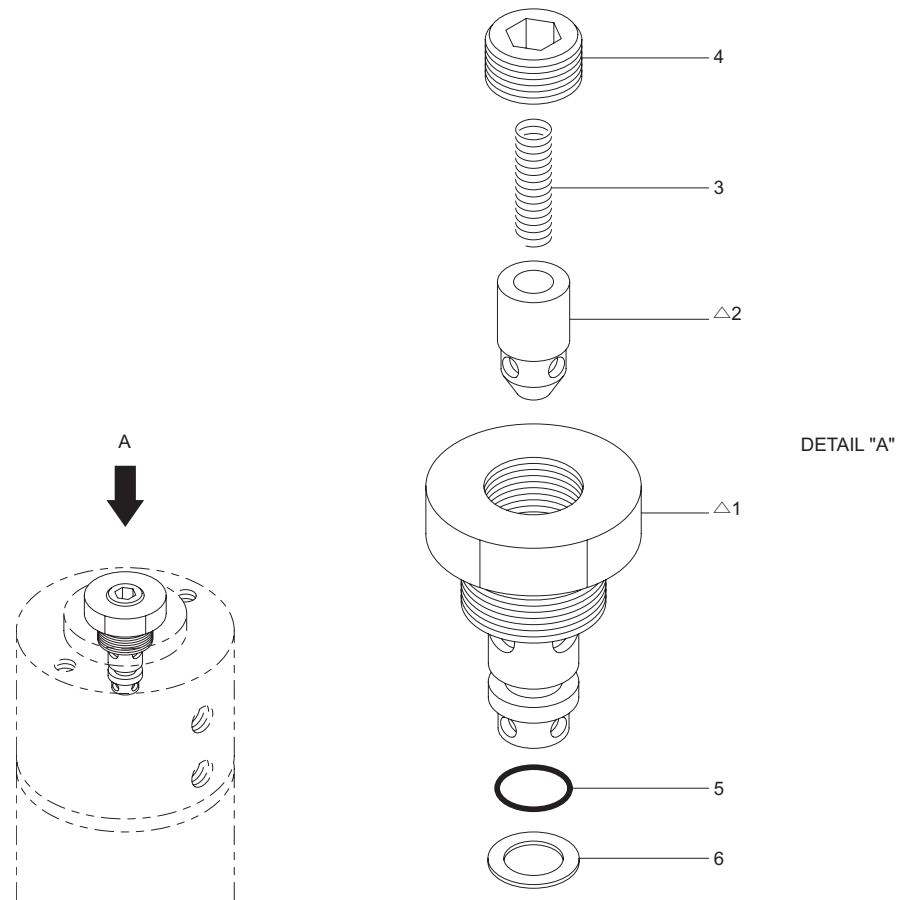


Fig. 12-1 PILOT CHECK VALVE ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 6	6016 81000	Pilot check valve Ass'y	1 set										
1	6016 81010	Seat-valve	1	△									
2	6015 52020	Valve-check	1	△									
3	6013 09040	Spring	1										
4	7287 20300	Plug	1										
5	7311 91011	Ring- "O"	1										
6	7321 21011	Ring-back up	1										

↔ ... Interchangeable.

↗ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 13-1 SWIVEL JOINT ASS'Y

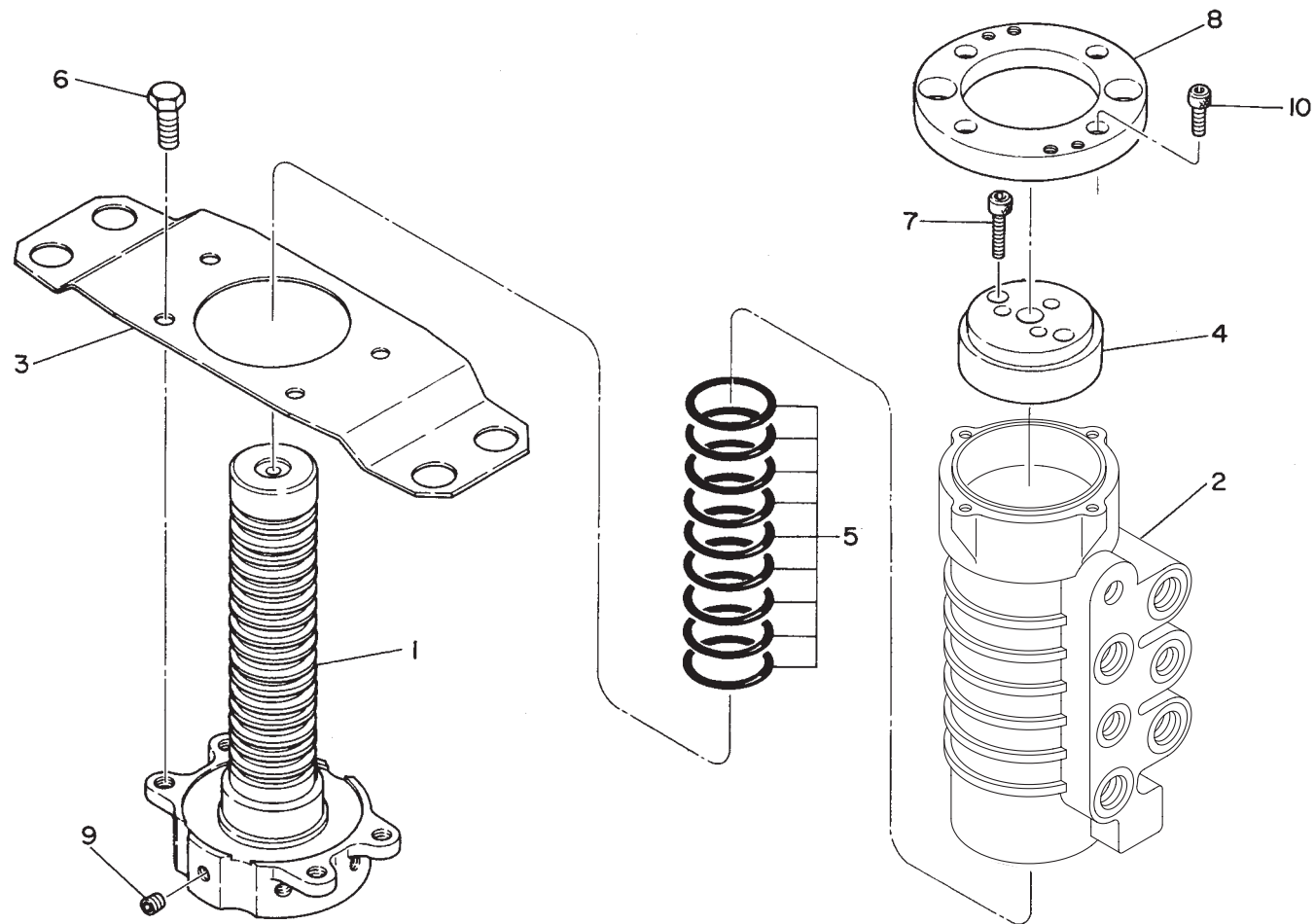


Fig. 13-1 SWIVEL JOINT ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 10	0890 43000	Swivel joint Ass'y	1 set										
1	0805 43011	Part-inner	1										
2	090B 43031	Part-outer	1										
3	0805 43030	Flange	1										
4	0890 43010	Plate (1)	1										
5	8374 54062	Packing	9										
6	7601 29043	Bolt	4										
7	7161 06025	Bolt	2										
8	0890 43020	Plate (2)	1										
9	7287 20200	Plug	17										
10	7161 06015	Bolt	4										

↔ ... Interchangeable.

↗ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

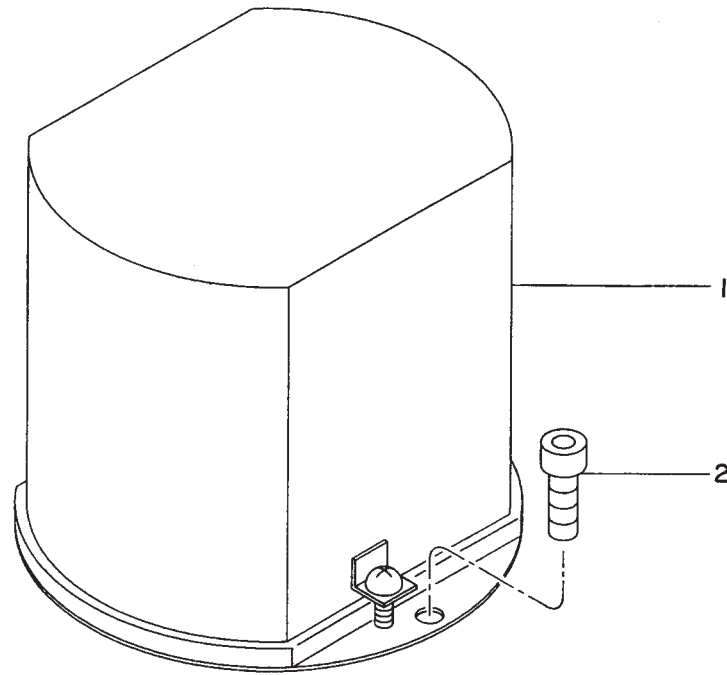


Fig. 13-2 SLIP RING ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 2	08V1 93000	Slip ring Ass'y	1 set										
1	7505 07015	Ring-slip	1										
2	7161 06015	Bolt	2										

↺ ... Interchangeable.

↻ ... New parts Interchangeable of oid parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 14 CONTROL ASS'Y

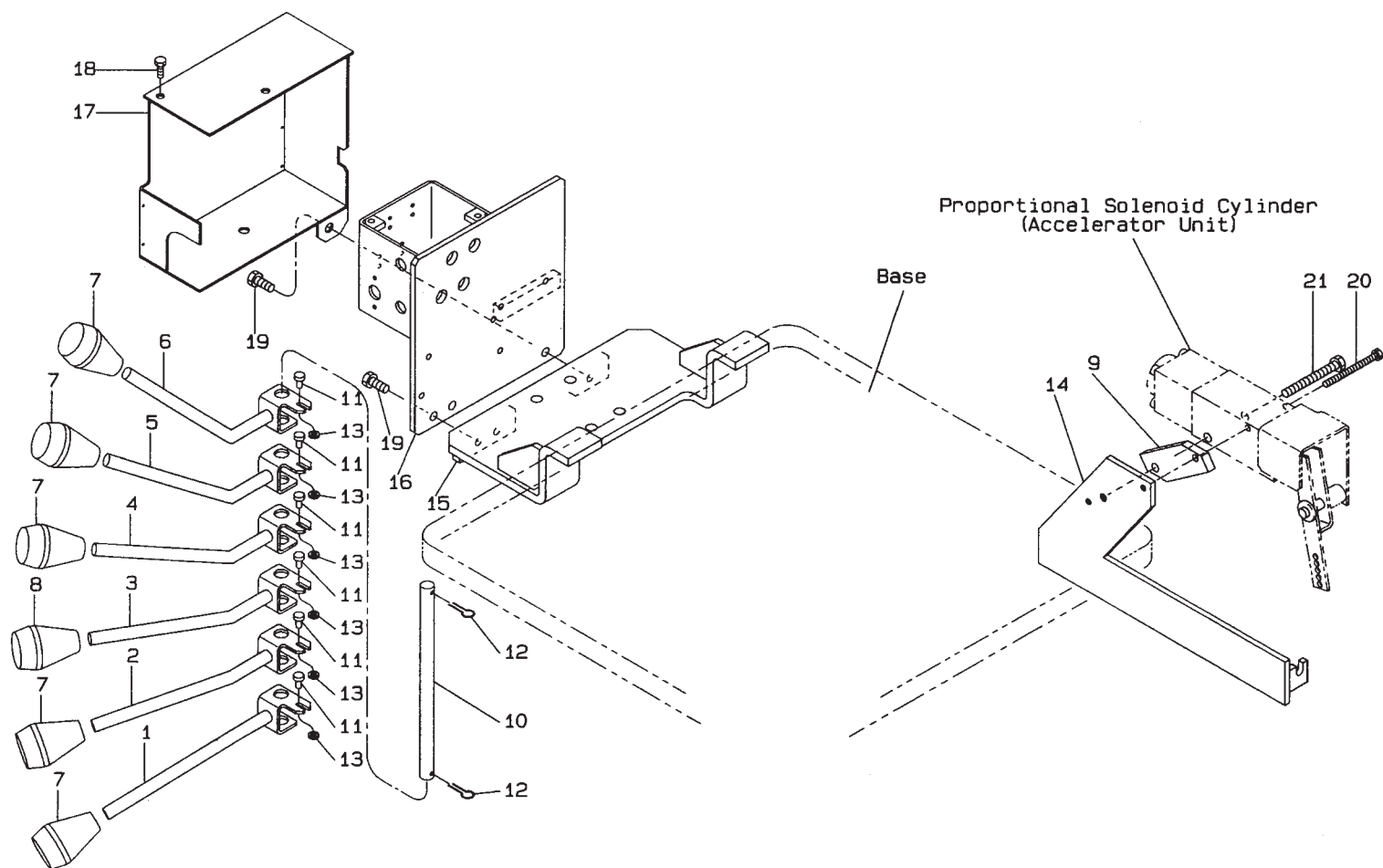


Fig. 14 CONTROL ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 21	08V8 59000	Control Ass'y	1 set	△									
1	08V8 59010	Lever Ass'y (1)	1										
2	08V8 59020	Lever Ass'y (2)	1										
3	08V8 59030	Lever Ass'y (3)	1										
4	08V8 59040	Lever Ass'y (4)	1										
5	08V8 59050	Lever Ass'y (5)	1										
6	08V8 59060	Lever Ass'y (6)	1										
7	080B 58010	Knob (black)	5										
8	080B 58020	Knob (red)	1										
9	08V8 59070	Spacer	1										
10	0143 53141	Pin (1)	1										
11	0805 58240	Pin (5)	6										
12	7231 04025	Pin-split	2										
13	7241 90050	Nut-push	6										
14	08V8 59081	Bracket	1										
15	08V8 59090	Bracket (1)	1										
16	08V8 59111	Bracket (2)	1										
17	08V8 59121	Cover	1										
18	7111 06014	Bolt	2										
19	7111 08016	Bolt	3										
20	7111 06070	Bolt	1										
21	7111 08070	Bolt	1										

↻...Interchangeable.

↻...New parts interchangeable of oid parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

Fig. 16 PLACARD

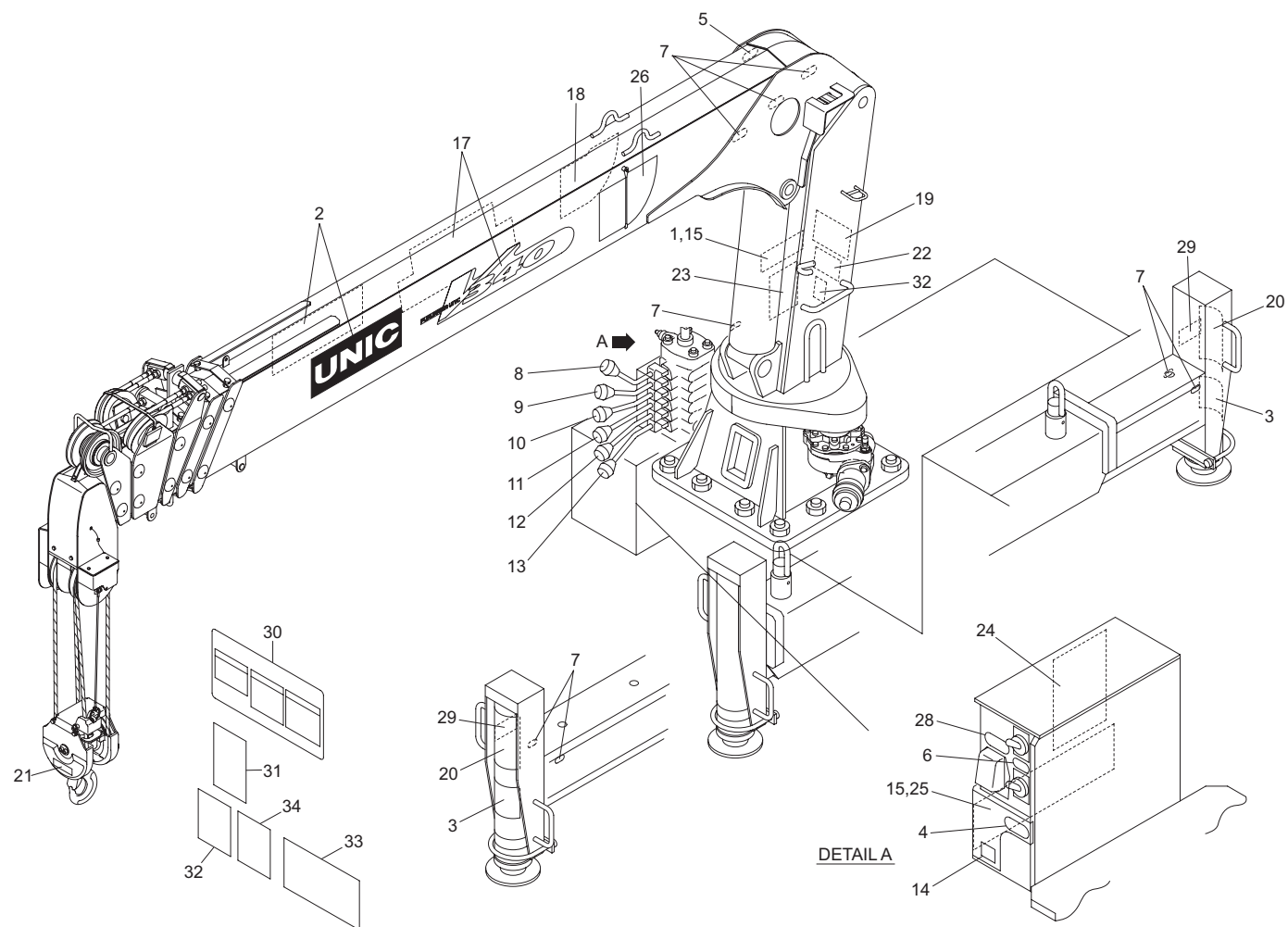


Fig. 16 PLACARD

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 34		Placard	1 set	△			22	08A4 81130	Placard (Danger. Hoisting personnel)	2			
1	6021 04560	Plate-model	1				23	08A4 81090	Placard (Caution. Inspect Vehicle)	2			
2	090B 81250	Name plate "UNIC"	2				24	08A4 81110	Placard (Danger. Two Blocking)	2			
3	08V8 83040	Placard (Caution. O/R operation)	2				25	088F 81070	Placard (Replacement Waring)	2			
4	6021 03291	Name plate (Overwinding alarm)	1				26	C-514024	Placard (Boom Angle L.H)	1			
5	08AB 83010	Placard (Molybden grease)	1				27	☆					
6	08V8 83020	Placard (Working lamp)	1				28	08JO 81240	Placard (Horn)	1			
7	0805 81060	Placard (Grease)	10				29	0884 83070	Placard (Caution, For Traveling)	2			
8	080A 86010	Placard (Raise/Lower)	1				30	08A4 81080	Placard (Operating instructions)	1			
9	080A 86020	Placard (Hoist)	1				31	C-514025	Placard (Rated loads)	1			
10	080A 86030	Placard (Telescoping)	1				32	08A4 81120	Placard (Danger. Ride load line)	2			
11	080B 81120	Placard (Swing)	1				33	088F 81110	Placard (Electrocution hazard)	1			
12	080A 86050	Placard (Outrigger street side)	1				34	B-523167	Placard (Range diagram)	1			
13	080A 86040	Placard (Outrigger curb side)	1										
14	08V8 83030	Placard (Emergency Release)	1										
15	7600 01011	Rivet	10										
16	☆												
17	090G 81090	Placard (V340)	2										
18	C-514023	Placard (Boom Angle R.H)	1										
19	088F 81090	Placard (Electrocution hazard)	2										
20	088F 81050	Placard(Danger. O/ R operation)	2										
21	08A4 81140	Placard (Hook)	2										

••• Interchangeable.

••• New parts interchangeable of old parts, but not vice-versa.

✕••• Not interchangeable.

△••• Part not for sale.

D••• Disuse.

Q••• Quantity change.

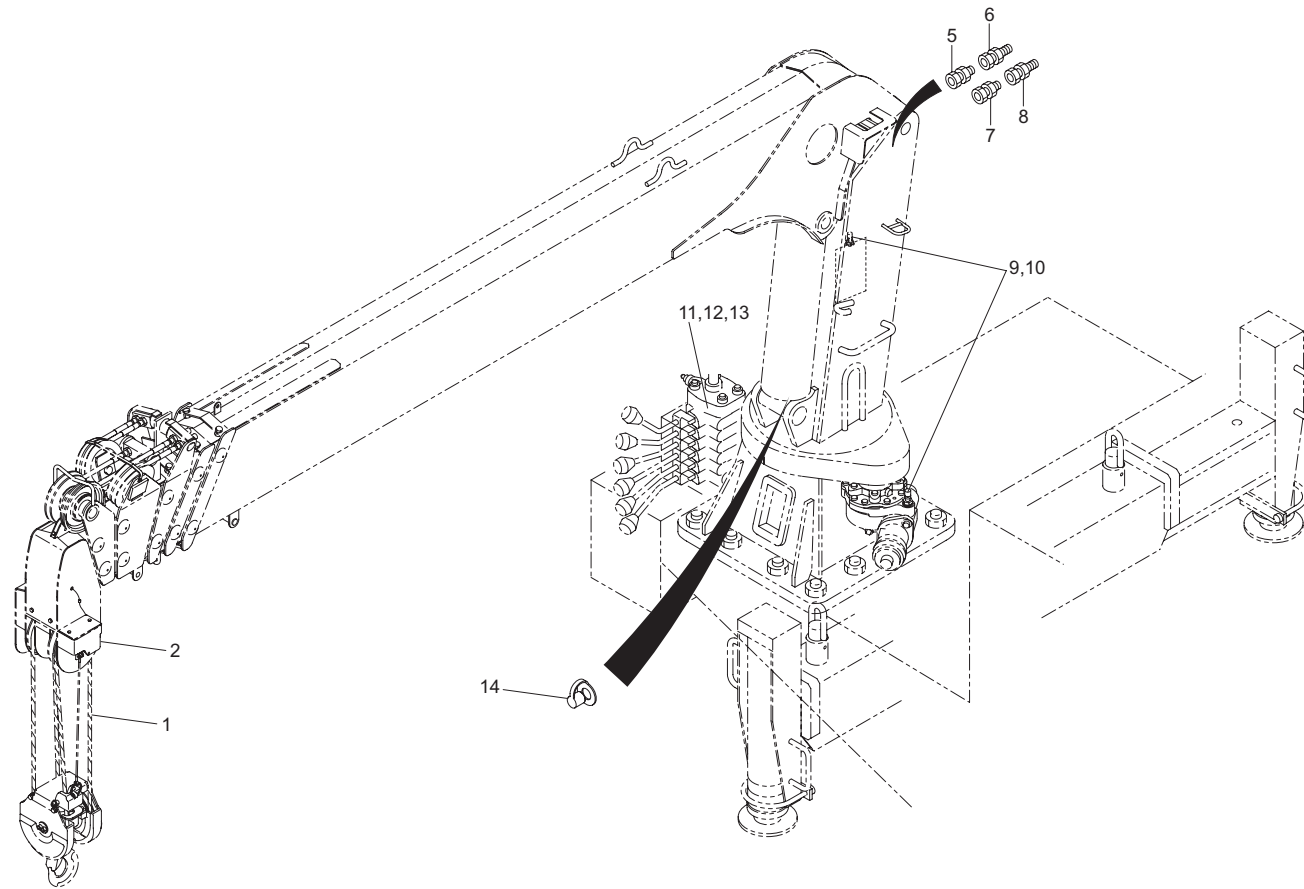


Fig.17-1 EQUIPMENT(1)

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 14		Equipment	1 set	△									
1	7602 50201	Rope-wire	1			φ 8 × 85m							
2	7601 60064	Clip-wire	1										
3	☆												
4	☆												
5	7702 80006	Plug-hose(F)	1										
6	7702 80004	Plug-hose(M)	1										
7	7702 80007	Plug-hose(F)	1										
8	7702 80005	Plug-hose(M)	1										
9	7252 60300	Plug	2										
10	0138 41120	Breather	2										
11	7288 90400	Plug	1										
12	0891 81020	Joint	1										
13	7311 91018	Ring-"O"	1										
14	7703 10027	Cap-nipple	12										

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

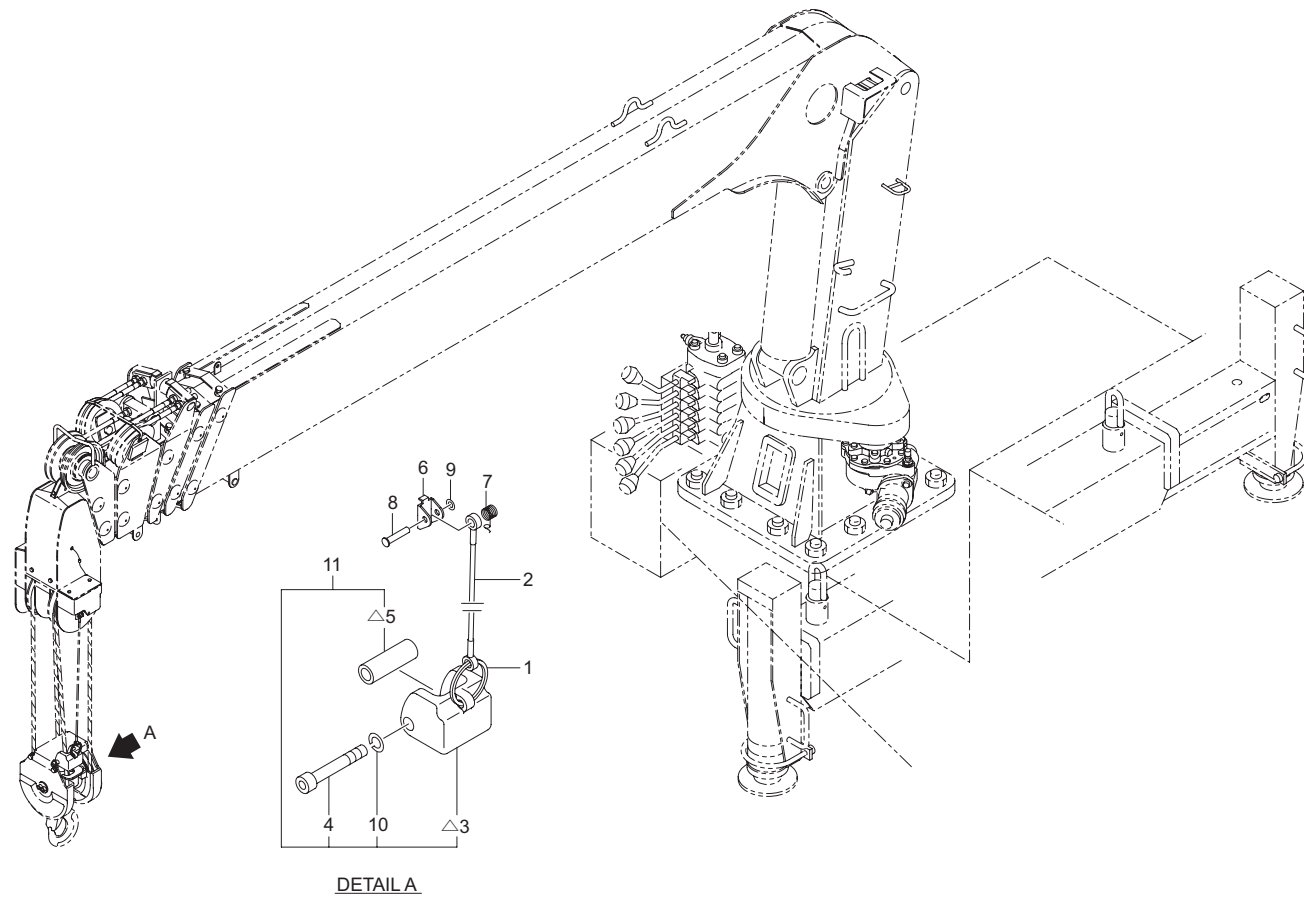


Fig. 17-2 EQUIPMENT(2)

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 11	☆	Equipment(2)	1 set	△									
1 ~ 11	MN91 00813	Weight Ass'y	1										
1	08H6 91010	Ring	1										
2	0882 91011	Rope-wire	1			φ 3.18 × 560							
A3	08FM 91060	Weight	1	△									
A4	7161 06D45	Bolt	1										
A5	08FM 91041	Collar	1	△									
6	08FM 91020	Bracket	1										
7	08FM 91030	Spring	1										
8	08FM 91070	Pin(5)	1										
9	7241 90050	Nut-push	1										
A10	7222 11060	Washer-spring	1										
A11	9110 00336	Weight set	1 set			Incl. 3~5,10							

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

Fig. 19 WIRE ROPE CLAMPING ROLLER DEVICE ASS'Y

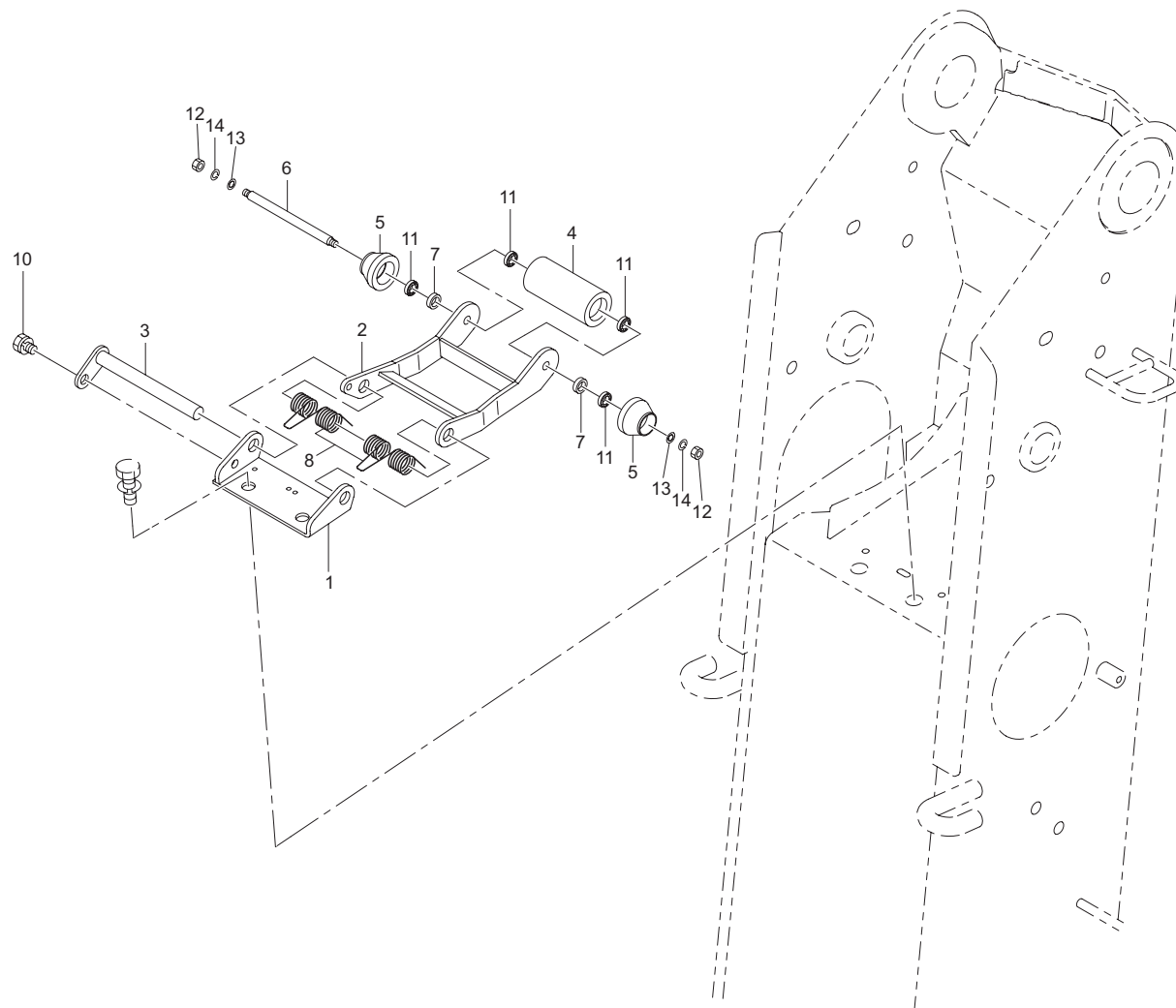


Fig. 19 WIRE ROPE CLAMPING ROLLER DEVICE ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 14	6044 18000	Wire rope clamping roller device Ass'y	1 set	△									
1	6044 18010	Bracket(1)	1										
2	6044 18020	Bracket(2)	1										
3	6042 35030	Pin(12)	1										
4	6042 63020	Roller(1)	1										
5	6042 35051	Roller(2)	2										
6	6042 63031	Pin(8)	1										
7	6042 35070	Collar	2										
8	6042 35081	Spring	2										
9	☆												
10	7141 08012	Bolt & Washer	1										
11	7260 06082	Bearing	4										
12	7211 11060	Nut	2										
13	7221 12060	Washer-plain	2										
14	7222 11060	Washer-spring	2										

↔ ... Interchangeable.

↔ ... New parts Interchangeable of old parts, but not vice-versa.

✕ ... Not interchangeable.

△ ... Part not for sale.

D ... Disuse.

Q ... Quantity change.

This exploded perspective view illustrates the assembly of a mobile workstation. The main components are labeled as follows:

- 1**: The main horizontal support beam.
- 2**: A long vertical support plate or backrest.
- 3**: A vertical support column on the right side.
- 4**: A vertical support column on the left side.
- 5**: A horizontal support plate for the monitor.
- 6**: A horizontal support plate for the keyboard.
- 7**: A vertical support plate for the monitor.
- 8**: A vertical support plate for the keyboard.
- 9**: A circular base for the left column.
- 10**: A cable for the left column.
- 11**: A cable for the monitor.
- 12**: A cable for the keyboard.
- 13**: A cable for the keyboard.
- 14**: A cable for the keyboard.
- 15**: A cable for the keyboard.
- 16**: A cable for the keyboard.
- 17**: A cable for the keyboard.
- 18**: A cable for the keyboard.
- 19**: A cable for the keyboard.
- 20**: A cable for the keyboard.
- 21**: A cable for the keyboard.
- 22**: A cable for the keyboard.
- 23**: A cable for the keyboard.
- 24**: A cable for the keyboard.
- 25**: A cable for the keyboard.
- 26**: A cable for the keyboard.
- 27**: A cable for the keyboard.
- 28**: A cable for the keyboard.

The diagram shows the relative positions of these components, with dashed lines indicating the assembly path. An arrow labeled "Front" points towards the right side of the assembly.

Fig.20 REAR OUTRIGGER

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 28		Rear outrigger Ass'y	1 set	△			22	7211 11120	Nut	4			
1	08V8 77012	Box-outer	1				23	7222 11100	Washer-spring	6			
2	08V8 77022	Box-inner	1				24	7222 11120	Washer-spring	4			
3	08V8 77031	Stay-outrigger (R.H)	1				25	7231 06025	Pin-split	2			
4	08V8 77040	Stopper	1				26	7231 04030	Pin-split	1			
5	☆						27	☆					
6	☆						28	08V8 77120	Stay-outrigger (L.H)	1			
7	08V8 77070	Bracket (1)	1										
8	08V8 77080	Bracket (2)	1										
9	08V8 77090	Float	2										
10	0143 55040	Band	2										
11	08V8 77110	Pin	1										
12	0137 55090	Pin (1)	1										
13	0143 59020	Stopper	1										
14	0137 55110	Pin (3)	1										
15	080B 55140	Cover	2										
16	7602 10079	Bearing	3										
17	0138 55080	Pin-stopper	1										
18	7161 10020	Bolt	4										
19	7117 10015	Bolt	2										
20	7142 06012	Bolt & Washer	2										
21	7142 05012	Bolt & Washer	2										

⬅...Interchangeable.

⬅...New parts Interchangeable of oid parts, but not vice-versa.

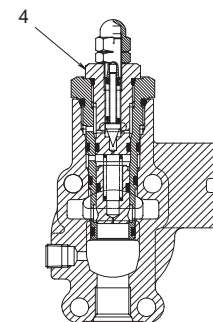
✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

73



Technical drawing of a mechanical assembly, likely a valve or pump component, showing a cross-section. The drawing is labeled with numbers 5, 11, 18, 8, 9, 6, and 7, pointing to various parts of the assembly.

SECTION C-C

Fig.24 CONTROL VALVE ASS'Y (6-spools)

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 31	D-521849	Control valve Ass'y	1 set				21	6018 20010	Rod-tie(360)	1			
1	6051 34010	End-valve	1				22	6017 28041	Meter in out spool	1			Derrick
2	6016 25010	Body-valve(Parallel)	6				23	6017 28011	Meter out spool	1			Hoist
3	6051 33010	Body-relief	1				24	6016 39022	Meter in spool	1			Telescope
4	6060 42000	Relief valve Ass'y	1			RT-04A	25	6051 16031	Meter out spool "S"	1			Slewing
		See Fig.24-1					26	6015 60032	Meter in spool	2			Outtrigger
5	6015 50041	Seat-seal	10				27	7287 20200	Plug	1			
6	6015 50050	Seat-spring	12				28	6014 58021	Plug	4			
7	6015 50062	Cover	6				29	7311 74003	Ring-"O"	4			
8	6015 50072	Screw-cap	4				30	6015 60040	End-spool	2			
9	6016 25031	Spring	6				31	6015 53032	Screw-cap	2			
10	7701 70026	Ring-"O"	7										
11	7702 20003	Seal-dust	12										
12	7222 11100	Washer-spring	8										
13	7211 15100	Nut	8										
14	7288 90300	Plug	6										
15	7161 06008	Bolt	20										
16	7161 06012	Bolt	4										
17	6015 50115	Bracket	2										
18	6015 50090	Spacer	2										
19	6015 60010	Rod-tie(335)	2										
20	6050 68020	Rod-tie(345)	1										

••• Interchangeable.

••• New parts interchangeable of old parts, but not vice-versa.

✕••• Not interchangeable.

△••• Part not for sale.

D••• Disuse.

Q••• Quantity change.

Fig. 24-1 RELIEF VALVE(RT-04A)

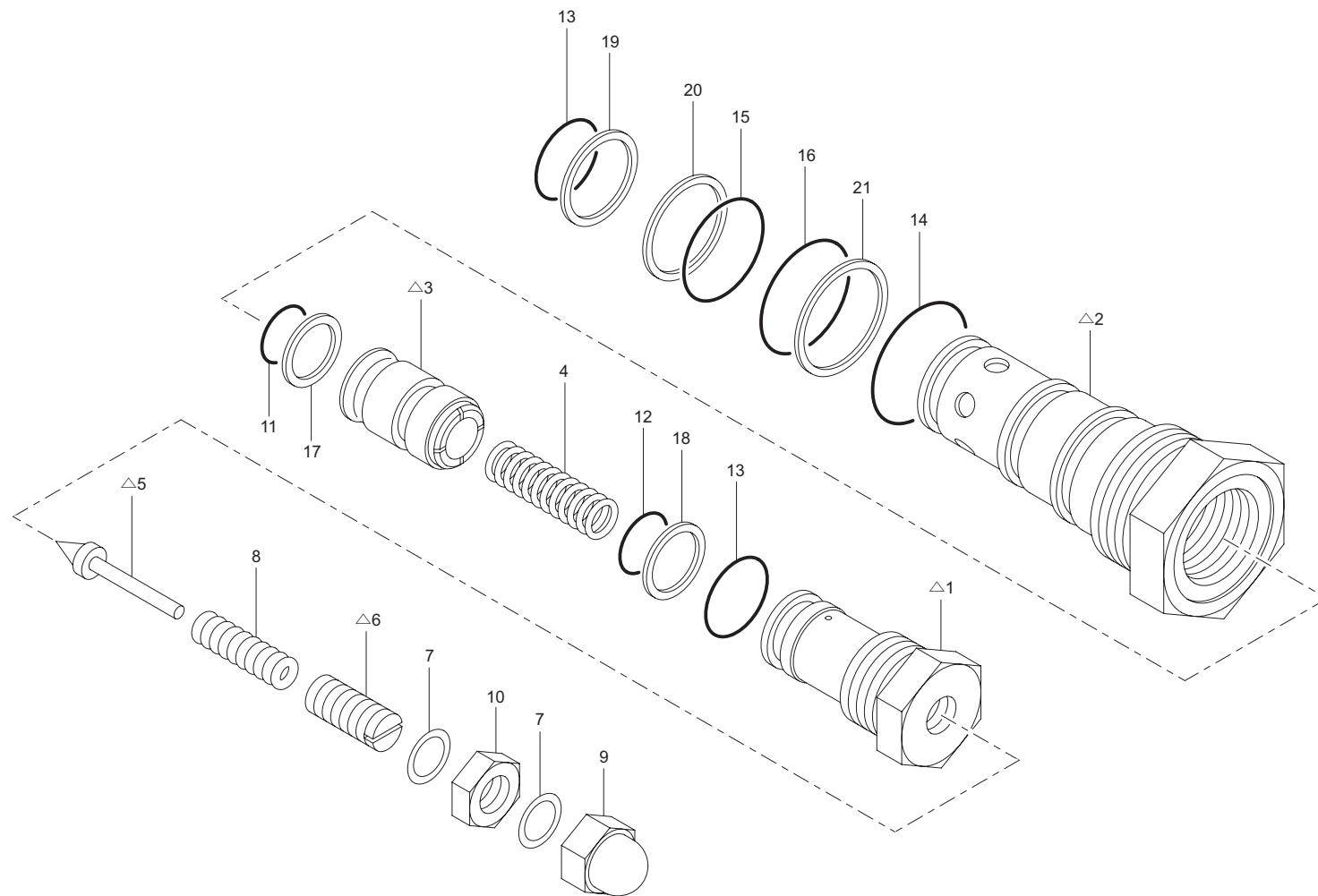


Fig.24-1 RELIEF VALVE(RT-04A)

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE	KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1 ~ 21	6060 42000	Relief valve Ass'y	1 set										
1	6060 42010	Cap	1	△									
2	6060 42020	Seat-valve	1	△									
3	6060 42030	Valve-main	1	△									
4	6060 42040	Spring-main	1										
5	6014 93070	Valve-pilot	1	△									
6	6014 93110	Screw-adjusting	1	△									
7	6013 07070	Washer-seal	2										
8	6014 87061	Spring-pilit	1										
9	6014 93051	Nut-cap	1										
10	6014 93060	Nut	1										
11	7311 71015	Ring-"O"	1										
12	7311 91016	Ring-"O"	1										
13	7311 91021	Ring-"O"	2										
14	7311 91032	Ring-"O"	1										
15	7701 70014	Ring-"O"	1										
16	7701 70048	Ring-"O"	1										
17	7321 21015	Ring-back up	1										
18	7321 21016	Ring-back up	1										
19	7321 21021	Ring-back up	1										
20	7701 80045	Ring-back up	1										
21	7701 80050	Ring-back up	1										

○...Interchangeable.

○...New parts Interchangeable of oid parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity change.

MEMO

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Fax: 623-215-1001

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