

UNIC Hydraulic Cranes

Model UR293 A1

PARTS MANUAL

FURUKAWA UNIC Corporation



HYDRAULIC CRANE PARTS CATALOG

URA293-A1

SERIAL No. N401216~

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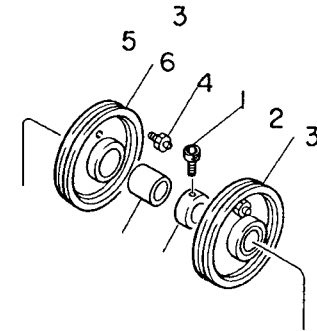
GENERAL INFORMATION

This parts catalog contains the description of the parts for UNIC Hydraulic Crane Model URA293.

The application is Cranes from serial number URA293 : No. N401216~. 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	△	---	→ Assembly part
1	7161 06030	Bolt	2		---	→ Sub-assembly part
2	0215 21020	Spacer	1		---	
A 3	9110 00019	Sheave - slide 200 φ Ass'y	2 set		---	
A 4	0211 21130	Bushing	1		---	→ Component part
A 5	0217 21180	Sheave - slide 200 φ	1		---	
A 6	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 "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 interchangeable.

×New and old parts are not interchangeable.

△Part not for sale.

DDisuse.

QQuantity 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) 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 crane, and order adequate part.

(3) Quantity, length

nDecide your necessary quantity.

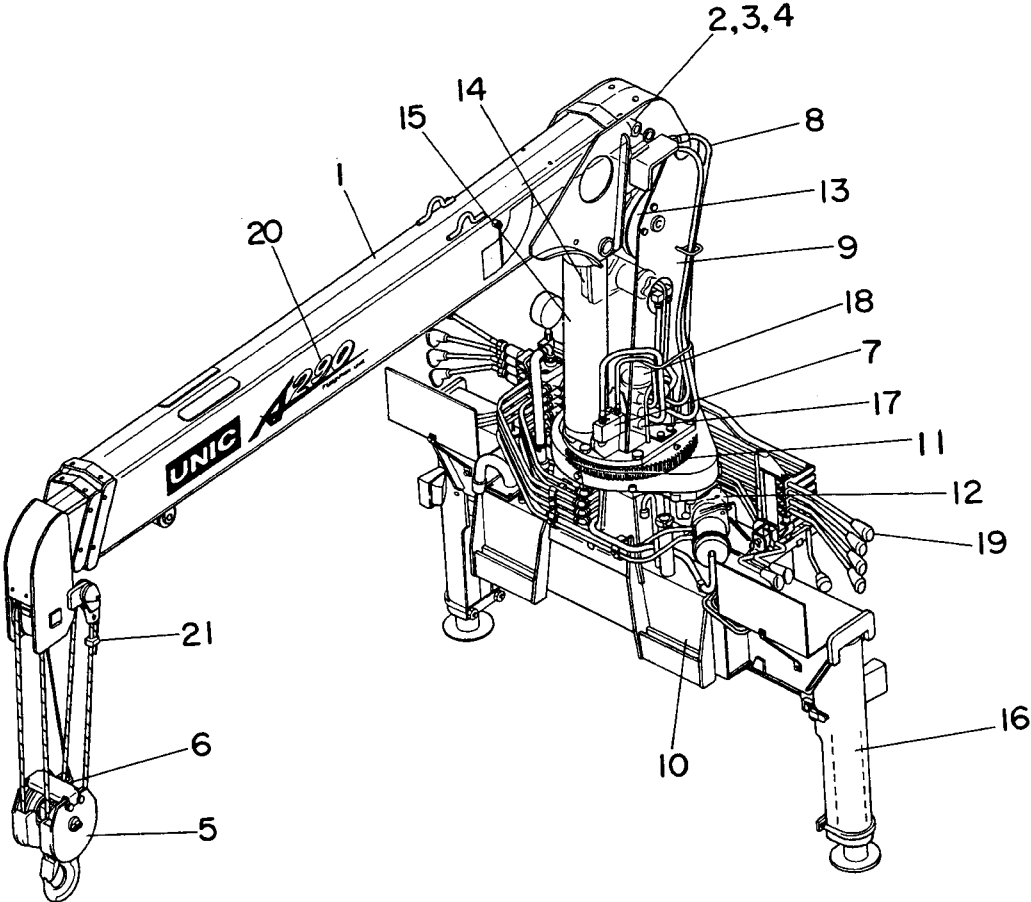
ℓDecide your necessary length.

(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 URA293-A1



C O N T E N T S

FIG. NO.	SECTION NAME	PAGE	FIG. NO.	SECTION NAME	PAGE
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3	EXTENSION CYLINDER (2) ASS'Y	16	18	SLIP RING ASS'Y	58
4	SELECTOR VALVE ASS'Y	18	19	CONTROL ASS'Y	60
5	HOOK ASS'Y	20	20	PLACARD	64
6	SAFETY DEVICE ASS'Y	22	21	EQUIPMENT	66
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8-1	PIPING (Boom lift cylinder)	28		{HYDRAULIC PARTS}	
8-2	PIPING (Hoist motor)	30	HP1	CONTROL VALVE ASS'Y	72
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14	WINCH GEAR BOX ASS'Y	50			
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Fig. 1 3-section BOOM ASS'Y

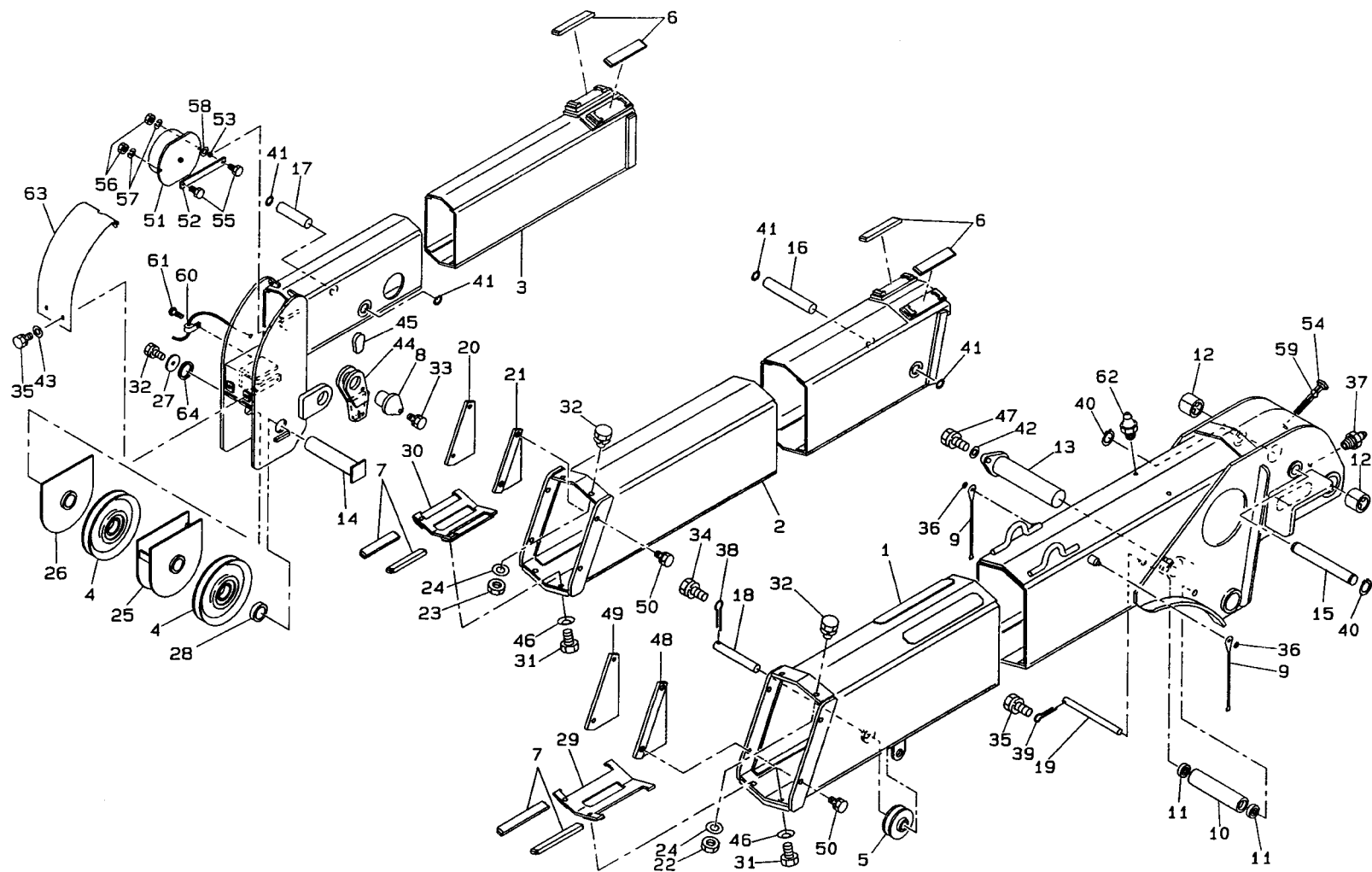


Fig. 1 3-section BOOM ASS'Y

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
1~64	08AB 21000	3-section Boom Ass'y	1 set	△			19	0143 55061	Pin	1			Roller
1	08AB 21015	Boom (1)	1				20	080B 21090	Plate	1			
2	08AB 21020	Boom (2)	1				21	080B 21110	Plate	1			
3	08AB 21033	Boom (3)	1				22	080D 21110	Guide (16.5)	2			
4	K821 00811	Sheave Ass'y	2 set				23	080B 21210	Guide (18.5)	2			
5	0185 21031	Sheave (4.85 × 55)	1				24	080C 21140	Shim	8			t = 1.0
6	0149 21370	Plate-slide (Nylon)	4				25	084C 21070	Plate	1			
7	0149 21360	Plate-slide (Nylon)	4				26	0804 21031	Plate	1			
8	0805 21111	Pin (35)	1			Wire socket	27	0119 51060	Plate	1			
9	083H 21120	Indicator	2				28	0805 35040	Collar	1			
10	084C 21040	Roller	1				29	084C 21080	Base-slide (120)	1			
11	7260 60022	Bearing	2				30	084C 21090	Base-slide (120)	1			
12	084C 11050	Bushing	2				31	7117 10020	Bolt	4			
13	0185 21040	Pin	1			Boom lift	32	7141 10020	Bolt & Washer	5			
14	084C 21050	Pin (35)	1			Top sheave	33	7141 10016	Bolt & Washer	1			
15	084C 21061	Pin (25)	1			Boom (1)	34	7142 06015	Bolt & Washer	1			
16	0148 21080	Pin	1			Boom (2)	35	7142 05012	Bolt & Washer	3			
17	0147 21080	Pin	1			Boom (3)	36	7241 90050	Nut-push	2			
18	089J 21080	Pin (20)	1			Slide sheave	37	7243 32000	Nipple-grease	1			

⌀...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

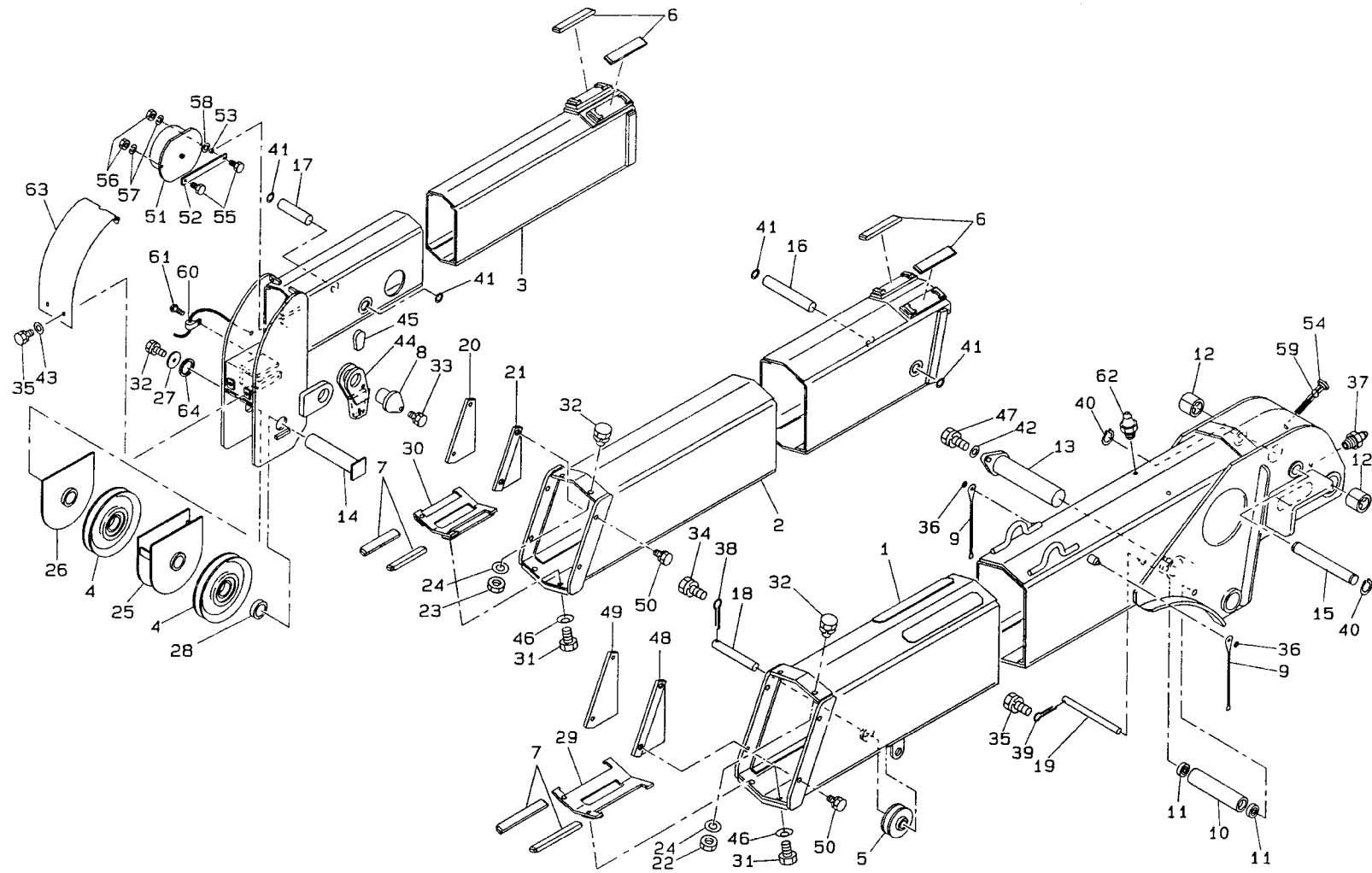


Fig. 1 3-section BOOM ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q 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
38	7231 08030	Pin-split	1				57	7222 11060	Washer-spring	2			
39	7231 06030	Pin-split	1				58	7221 12060	Washer-plain	1			
40	7241 10250	Ring-snap	2				59	7505 16001	Band-wire	1			
41	7241 20250	Ring-snap	4				60	7505 23002	Clamp-wire	1			
42	7221 12100	Washer-plain	1				61	7601 10059	Screw-tapping	1			
43	7221 12050	Washer-plain	2				62	7243 31000	Nipple-grease	2			
44	0805 21180	Socket-wire	1				63	08AB 21040	Cover	1			
45	0123 32090	Wedge	1				64	0182 21110	Collar	1			
46	7222 31100	Washer-conical spring	4										
47	7601 29045	Bolt & Washer	1										
48	080B 21080	Plate	1										
49	080B 21070	Plate	1										
50	7141 10015	Bolt & Washer	8										
51	7505 18031	Reel-cord	1			CR2106F3							
52	08H6 21120	Plate	1										
53	2500 96140	Collar	1										
54	08H6 21131	Cap	1										
55	7111 06020	Bolt	2										
56	7211 11060	Nut	2										

↔...Interchangeable.

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

⚡...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig.2 EXTENSION CYLINDER (1) ASS'Y

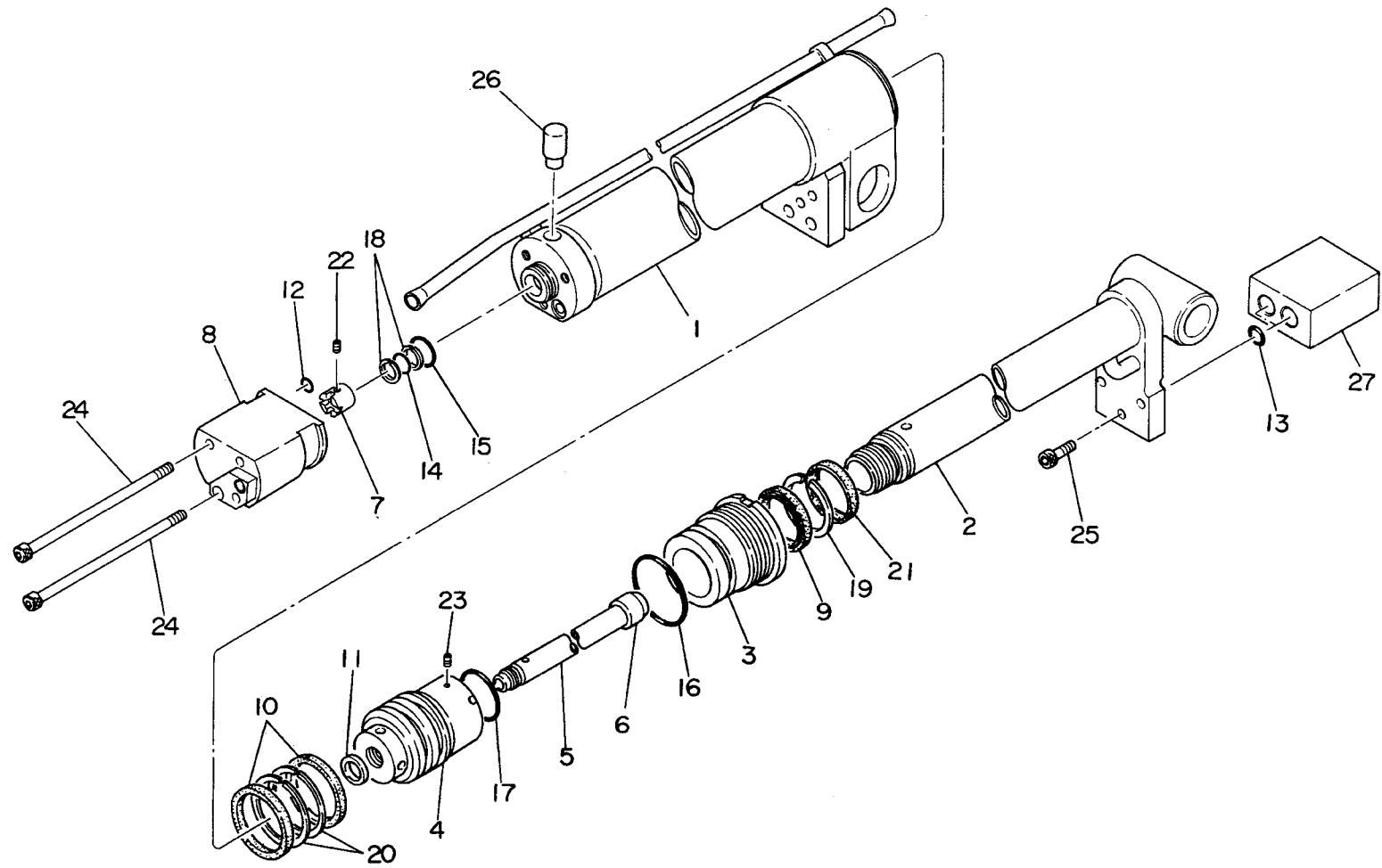


Fig.2 EXTENSION CYLINDER (1) ASS'Y

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
1~26	08AB 15000	Extension cylinder (1) Ass'y	1 set				S 18	7321 21018	Ring-back up	2			
1	08AB 15011	Tube Ass'y (1)	1				S 19	8280 40050	Ring-back up	1			
2	08AB 15020	Rod Ass'y (1)	1				S 20	8280 50060	Ring-back up	2			
3	083G 15031	Gland	1				S 21	8290 40048	Seal-dust	1			
4	083G 15040	Piston	1				22	7049 06006	Screw-set	1			
5	083G 15050	Pipe-slide	1				23	7049 06008	Screw-set	1			
6	0800 14050	Stopper	1				24	7161 08100	Bolt	3			
7	0805 15060	Nut	1				25	7161 08030	Bolt	3			
8	083G 15060	Selector valve Ass'y	1				26	084C 15010	Pin	1			
		See Fig. 4					27	6014 73000	Extension cylinder holding valve Ass'y	1			CB-03ET
S 9	8230 40050	Packing	1						See Fig. HP 3				
S 10	8230 50060	Packing	2										
S 11	8380 18024	Packing	1										
S 12	7311 91015	Ring- "O"	2				S	9183 G15P0	Packing set	1 set			
S 13	7311 91016	Ring- "O"	2										
S 14	7311 71018	Ring- "O"	1										
S 15	7311 91026	Ring- "O"	1										
S 16	7311 91053	Ring- "O"	1										
S 17	7311 92040	Ring- "O"	1										

 ...Interchangeable.

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

 ...Not interchangeable.

 ...Part not for sale.

 ...Disuse.

 ...Quantity

Fig.3 EXTENSION CYLINDER (2) ASS'Y

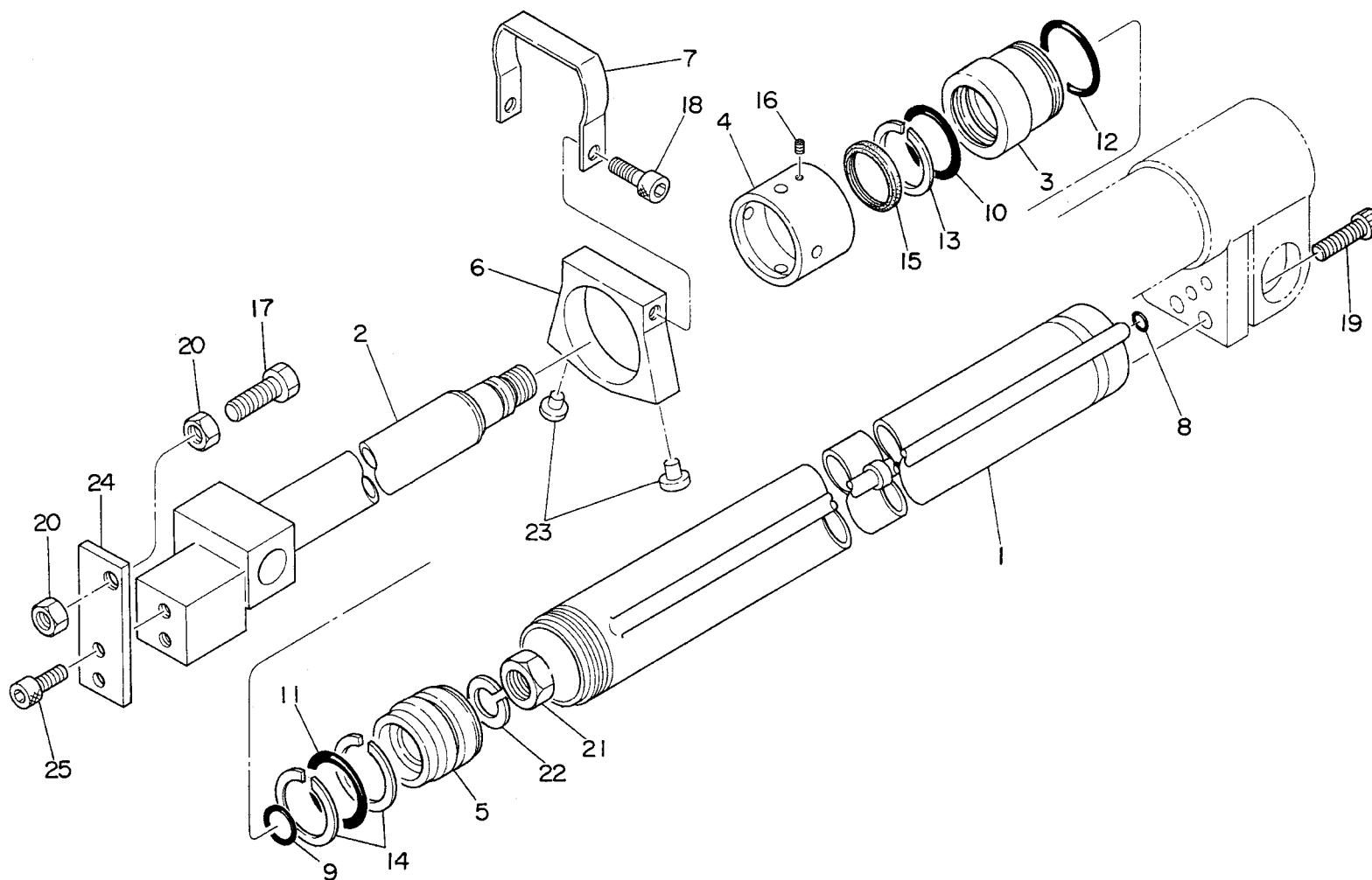


Fig. 3 EXTENSION CYLINDER (2) ASS'Y

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
1~25	08AB 17000	Extension cylinder (2) Ass'y	1	set			19	7161 10030	Bolt	3			
1	083G 17010	Tube Ass'y (1)	1				20	7211 11140	Nut	2			
2	08AB 17010	Rod Ass'y (1)	1				21	7211 11180	Nut	1			
3	083G 17030	Gland	1				22	7222 11180	Washer-spring	1			
4	083G 17040	Cover-cylinder	1				23	083G 17080	Pin	2			
5	083G 17050	Piston	1				24	08AB 17020	Plate	1			
6	083G 17060	Bracket	1				25	7161 10020	Bolt	2			
7	083G 17070	Band	1										
S 8	7311 91011	Ring- "O"	2										
S 9	7311 91018	Ring- "O"	1				S	9183 G17P0	Packing set	1			
S10	7311 91032	Ring- "O"	1							set			
S11	7311 91039	Ring- "O"	1										
S12	7311 92040	Ring- "O"	1										
S13	7321 21032	Ring-back up	1										
S14	7321 21039	Ring-back up	2										
S15	8290 32040	Seal-dust	1										
16	7049 06008	Screw-set	1										
17	7114 14050	Bolt	1										
18	7161 08012	Bolt	2										

⊕...Interchangeable.

⊕...New parts can interchange of old parts, but not vice-versa.

⊗...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig. 4 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	083G 15060	Selector valve Ass'y	1	set									
1	☆	Body	1	△									
2	K815 07020	Valve-check (1)	1										
3	V314 09031	Valve-check (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										

↺...Interchangeable.

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

✂...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig.5 HOOK ASS'Y

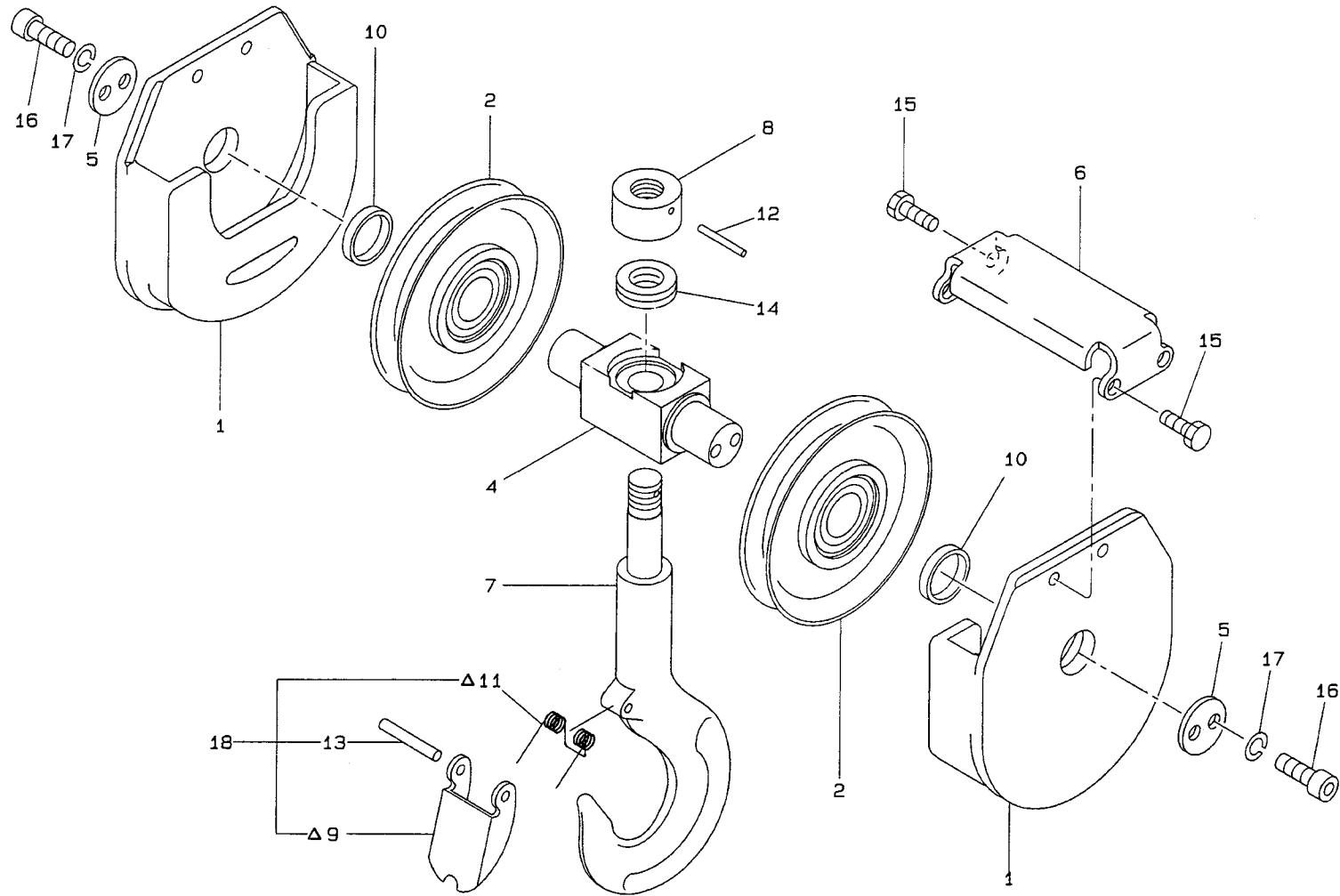


Fig. 5 HOOK ASS'Y

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
1~18	08H6 35000	Hook Ass'y	1 set			φ 146							
1	08H6 35013	Plate-side	2										
2	K821 00811	Sheave Ass'y	2 set										
3	☆												
4	08D4 36030	Trunnion	1										
5	08D4 36040	Plate	2										
6	08H6 35031	Stopper	1										
7	08D4 36050	Hook	1										
8	0138 32070	Nut	1										
A 9	☆	Stopper	1	△									
10	0805 35040	Collar	2										
A11	☆	Spring	1	△									
12	7234 05050	Pin-spring	1										
A13	7234 07055	Pin-spring	1										
14	7602 10075	Bearing-thrust ball	1										
15	7111 10016	Bolt	4										
16	7161 10D20	Bolt	4										
17	7222 11100	Washer-spring	4										
A18	9110 00022	Stopper Ass'y	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 SAFETY DEVICE ASS'Y

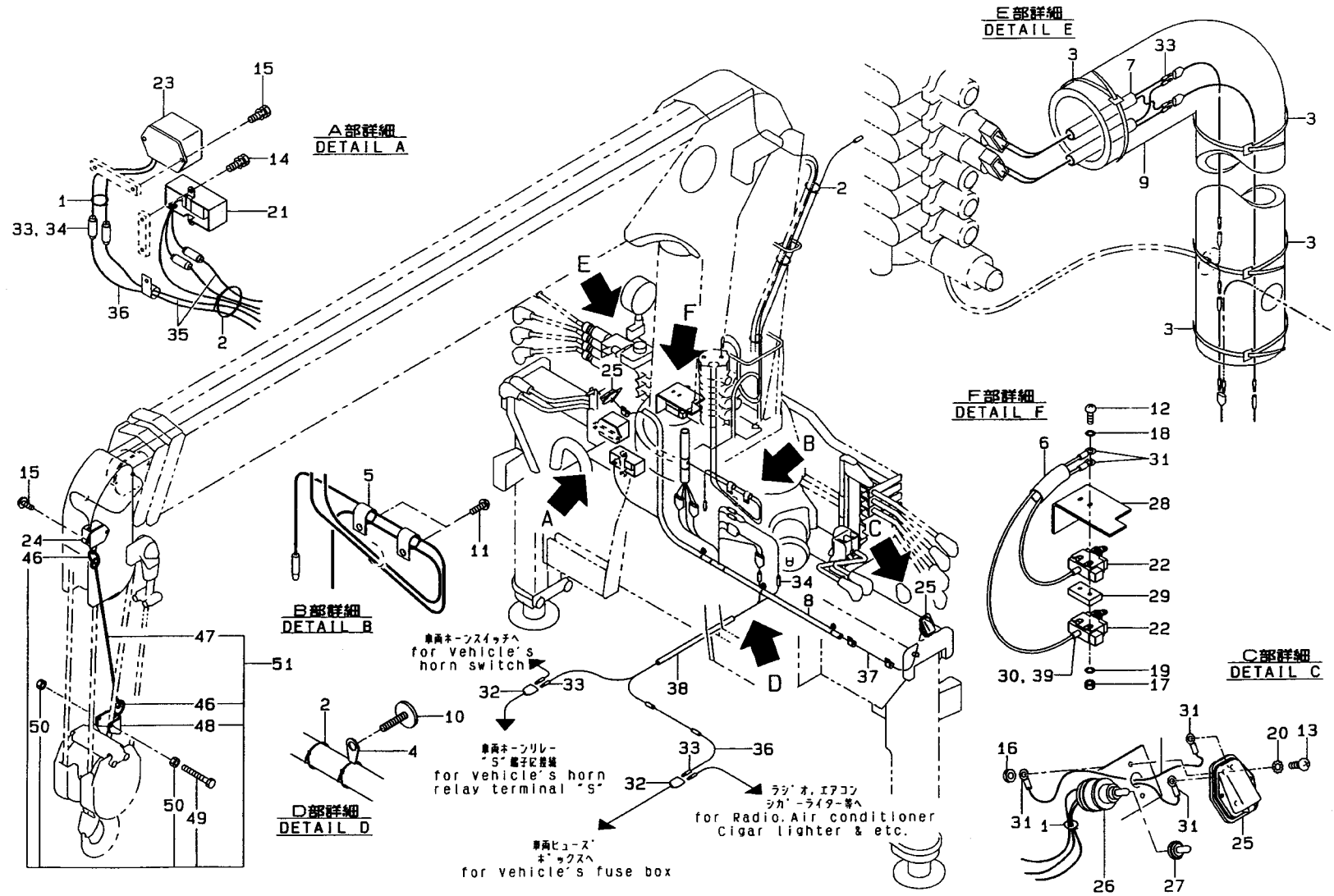


Fig.6 SAFETY DEVICE ASS'Y

(Note) Refer to design change notice No.6-6065

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
1~51	☆	Safety device Ass'y	1 set	△		(Note)	19	7222 11040	Washer-spring	2			
1	7505 16002	Band-wire	3			T-18R	20	7223 12030	Washer-tooth	4			
2	7505 16001	Band-wire	9			T-30R	21	0891 96021	Relay box Ass'y	1			
3	7505 16005	Band-wire	4			T-50R	22	7503 06010	Switch-limit	2			
4	7505 16008	Band-wire	3			T-50MRW	23	6031 39000	Outrigger warning alarm	1			
5	7505 23002	Clamp-wire	6				24	6032 18000	Anti-two block (detector)	1			
6	7505 13006	Tube-wire (Black)	ℓ			ℓ = 0.5m φ 6	25	0111 89011	Warning horn switch	2			
7	7505 13004	Tube-wire (Black)	ℓ			ℓ = 0.5m φ 8	26	7503 01041	Switch-toggle	1			
8	7505 13015	Tube-wire	ℓ			ℓ = 1.5m φ 19	27	7505 14019	Cap	1			
9	7505 13018	Tube-wire	ℓ			ℓ = 0.5m φ 25	28	B-518322	Bracket	1			
10	7505 26001	Clip	3				29	A-523186	Spacer	1			
11	7601 10059	Screw-tapping	6				30	7505 09005	Terminal	4			Blue
12	7012 04060	Screw-pan head	2				31	7505 09004	Terminal	6			Red
13	7015 03015	Screw-machine	4				32	7505 01004	Connector (F)	7			
14	7142 06010	Bolt & Washer	2				33	7505 01005	Connector (M)	25			
15	7142 06012	Bolt & Washer	4				34	7505 01006	Connector (F)	10			
16	7211 11030	Nut	4				35	7506 02004	Cord-vinyl (black)	ℓ			ℓ = 0.5m
17	7211 11040	Nut	2				36	7506 02019	Cord-vinyl (red)	ℓ			ℓ = 3.5m
18	7221 12040	Washer-plain	2				37	7506 02072	Cord-vinyl (green)	ℓ			ℓ = 3m

⊕...Interchangeable.

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

⊗...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig.6 SAFETY DEVICE ASS'Y

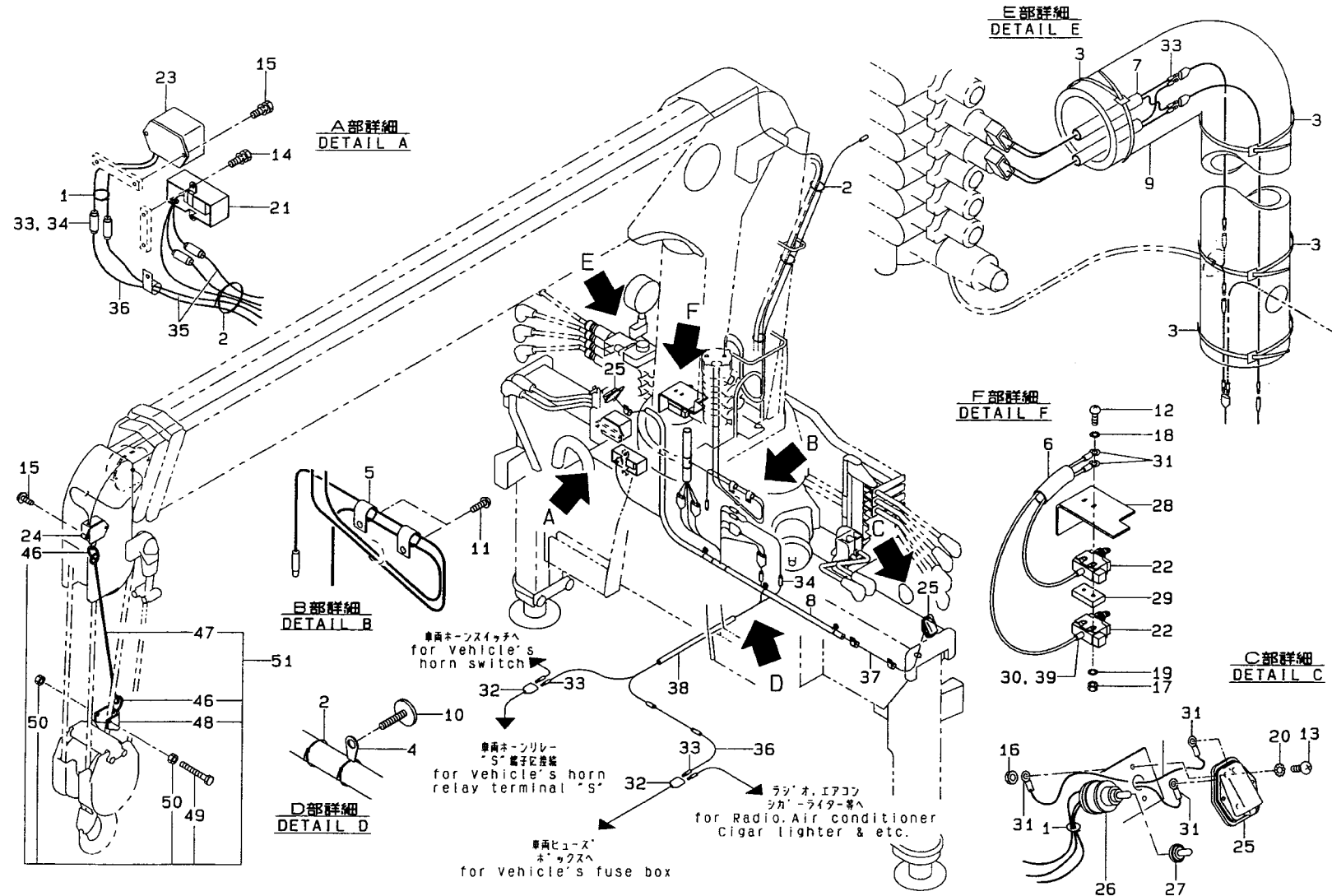


Fig.6 SAFETY DEVICE ASS'Y

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
38	7506 02073	Cord-vinyl (green/red)	ℓ			ℓ = 4.0m							
39	7506 04007	Cable-cab tire	ℓ			ℓ = 0.5m							
40	☆												
41	☆												
42	☆												
43	☆												
44	☆												
45	☆												
46	08H6 91010	Ring	2										
47	0882 91011	Rope-wire	1			φ 3 × 560							
48	0143 91031	Weight	1										
49	7111 08070	Bolt	1										
50	7211 11080	Nut	2										
51	N191 01811	Weight 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. 7 HYDRAULIC DRIVING DEVICE

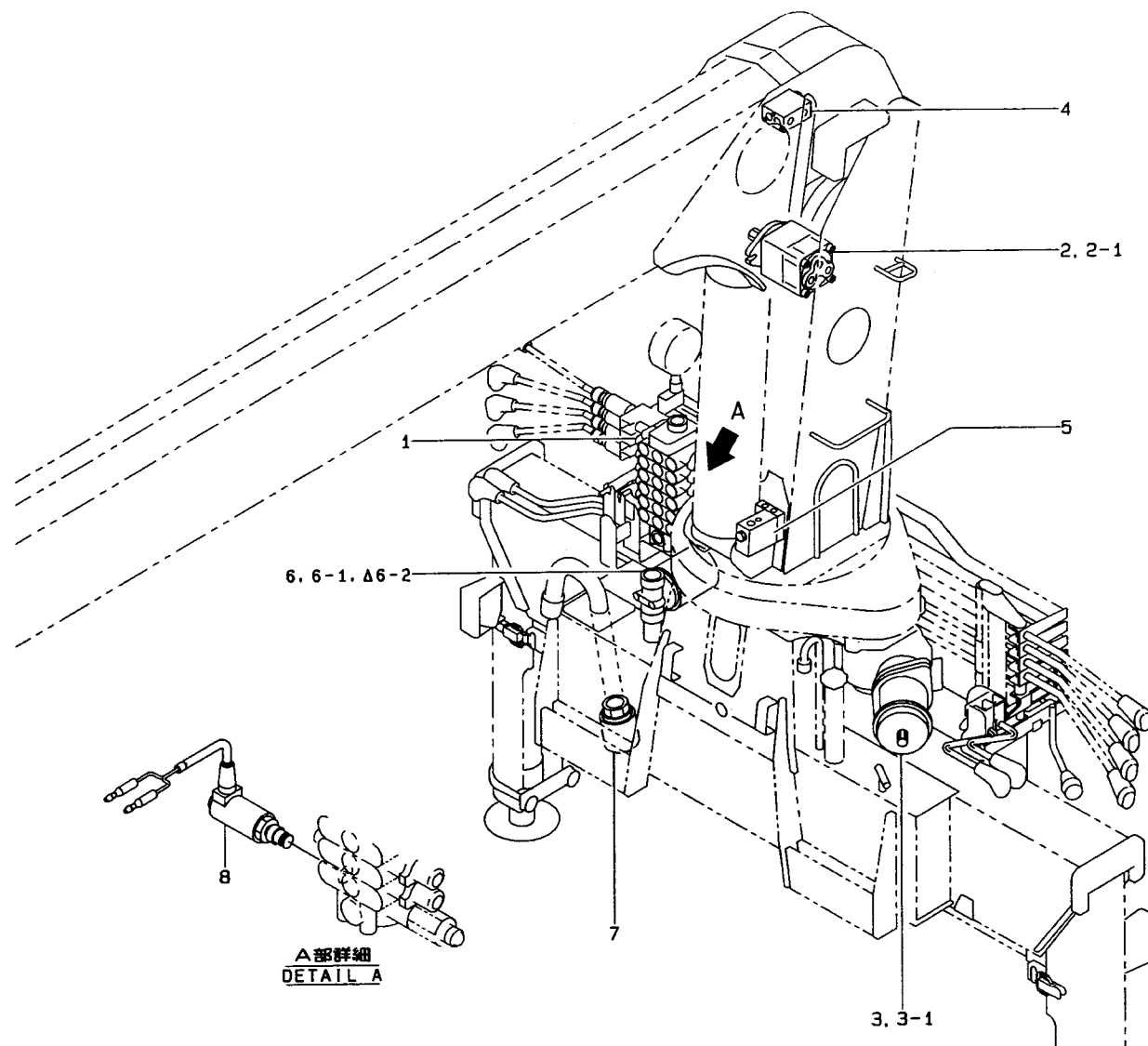


Fig.7 HYDRAULIC DRIVING DEVICE

(Note) Refer to design change notice No.6-6065

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
1~8	08AB 61000	Hydraulic driving device	1	△		(Note)							
1	6019 75000	Control valve Ass'y See Fig. HP 1	1										
2	7403 70011	Hydraulic motor (Hoist)	1			A10FL25A							
2-1	9110 00149	Inner kit	1										
3	7403 60008	Hydraulic motor (Swing)	1			S-070							
3-1	9110 00174	Inner kit	1										
4	6014 73000	Extension cylinder holding valve Ass'y See Fig. HP 3	1			Extension cyl. CB-03ET							
5	6014 74000	Boom lift cylinder holding valve Ass'y See Fig. HP 4	1			Boom lift cyl. CB-03ED							
6	7405 80600	Filter-return See Fig. HP 5	1										
6-1	7405 80204	Filter-cartridge	1										
6-2	☆	Head	1	△									
7	7405 82023	Filter-suction	1										
8	7401 92087	Valve-solenoid	1										

⌀...Interchangeable.

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

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig.8-1 PIPING (Boom lift cylinder)

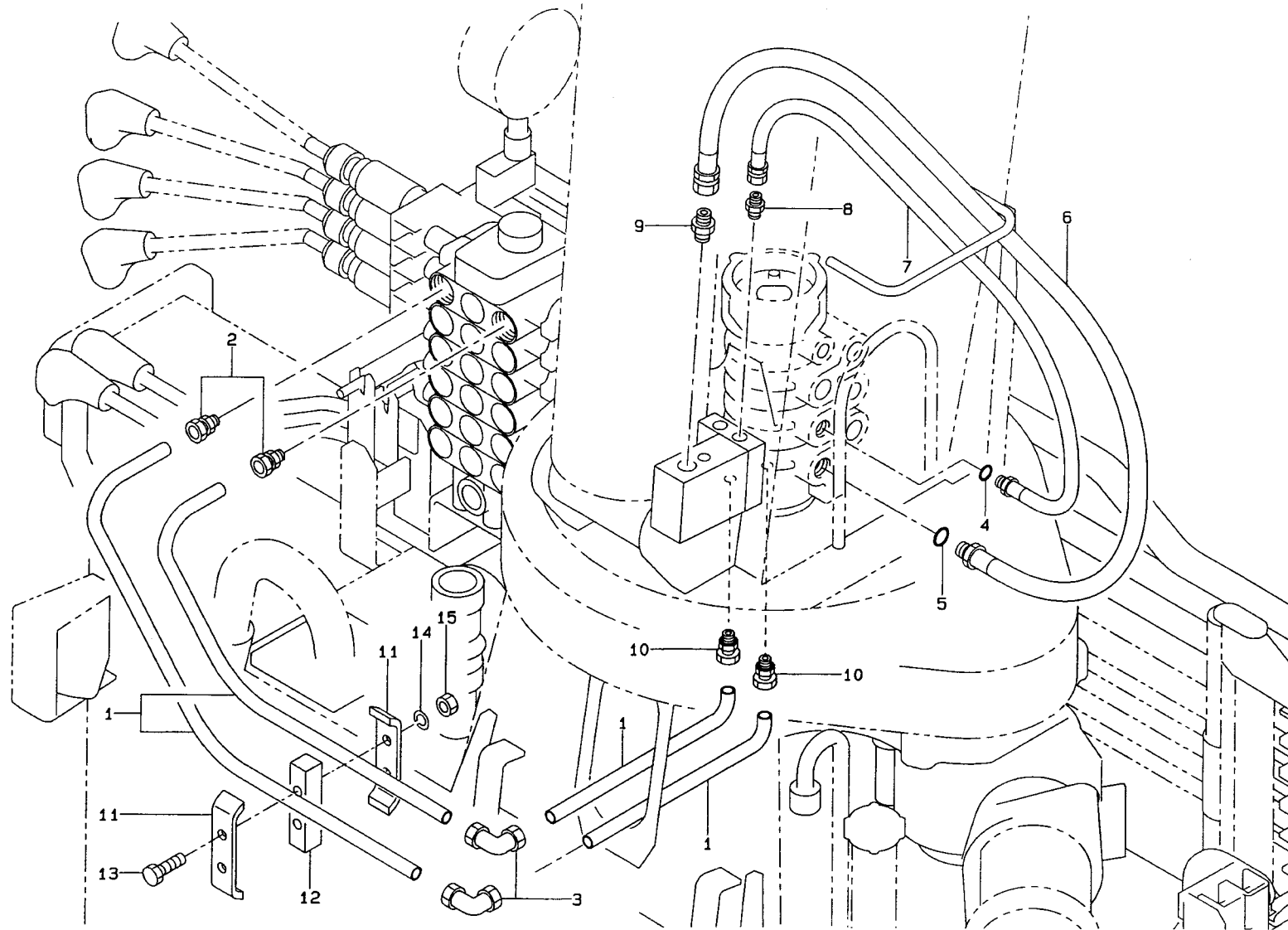


Fig.8-1 PIPING (Boom lift cylinder)

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
1~15	☆	Piping (Boom lift cylinder)	1 set	△									
1	77P4 12015	Pipe	ℓ			φ 12							
2	7285 71203	Connector	2										
3	7281 51200	Elbow	2										
4	7311 91011	Ring-"O"	1										
5	7311 91014	Ring-"O"	1										
6	7865 03070	Hose-pressure, nylon (Raise)	1			PF3/8 × 700							
7	7865 02060	Hose-pressure, nylon (Lower)	1			PF1/4 × 600							
8	770A 02J04	Adapter (M) (M)	1										
9	770A 02J06	Adapter (M) (M)	1										
10	728S 57041	Connector	2										
	7285 71203	Connector	2										
11	0885 65010	Clamp	2										
12	0885 65020	Bracket	1										
13	7111 08065	Bolt	2										
14	7222 11080	Washer-spring	2										
15	7211 11080	Nut	2										

⚙...Interchangeable.

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

✂...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig. 8-2 PIPING (Hoist motor)

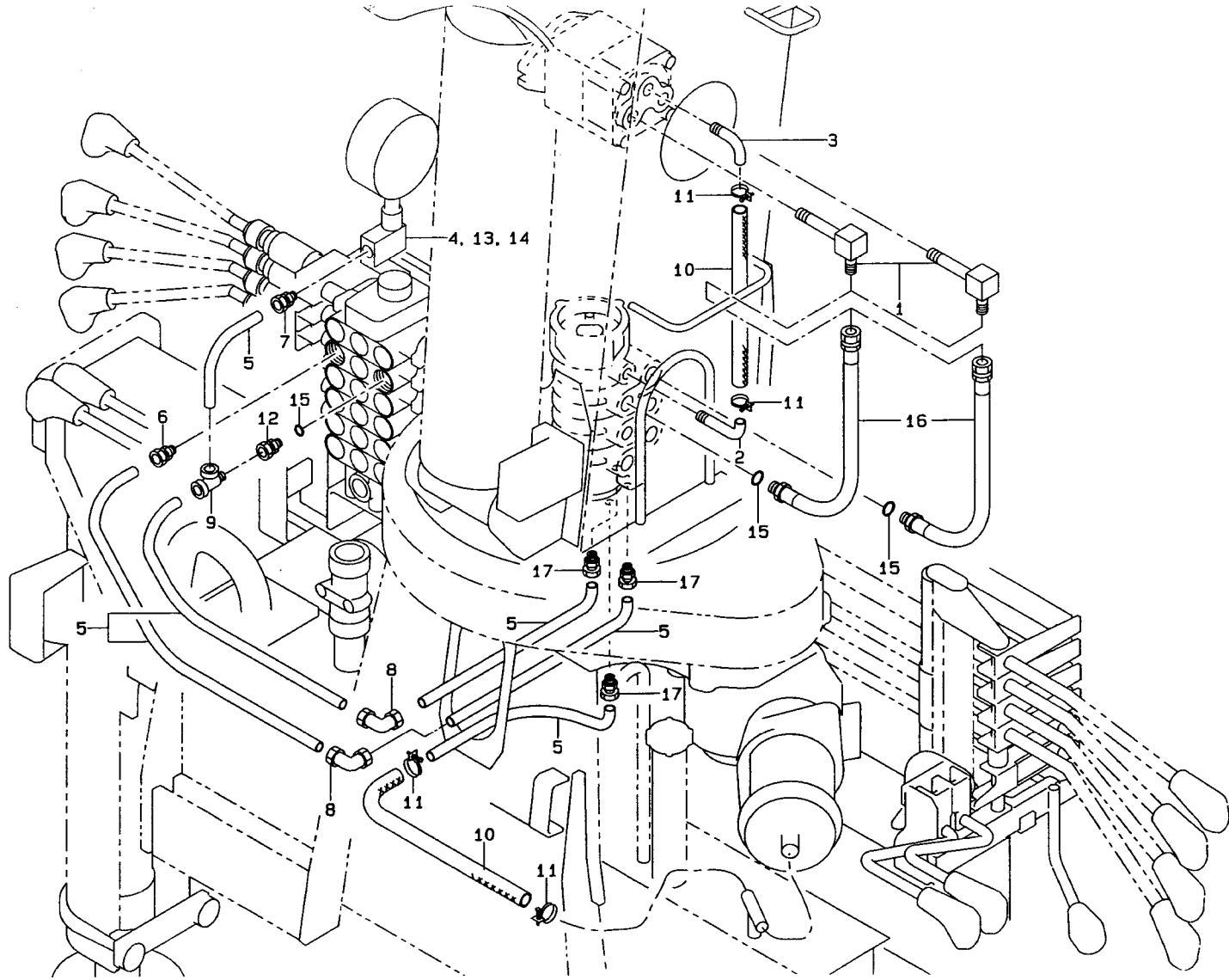


Fig. 8-2 PIPING (Hoist motor)

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
1~17	☆	Piping (Hoist motor)	1 set	△									
1	7702 90038	Joint	2										
2	0143 62022	Joint-hose	1										
3	0182 62050	Joint-hose	1										
4	7702 50034	Elbow-swivel	1										
5	77P4 12015	Pipe	ℓ			φ 12							
6	7285 71203	Connector	1										
7	7280 51202	Connector (M)	1										
8	7281 51200	Elbow	2										
9	7282 71203	Tee-nipple	1										
10	77V3 12000	Hose-vinyl	ℓ			φ 12							
11	7600 00867	Band-hose	4			φ 19							
12	770A 08J06	Adapter (F) (M)	1										
13	7211 15100	Nut	1										
14	7222 11100	Washer-spring	1										
15	7311 91014	Ring-"O"	3										
16	7815 03049	Hose-pressure	2			PF3/8 × 490							
17	728S 57041	Connector	3										
	7285 71203	Connector	3										

↔...Interchangeable.

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

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig.8-3 PIPING (Extension cylinder)

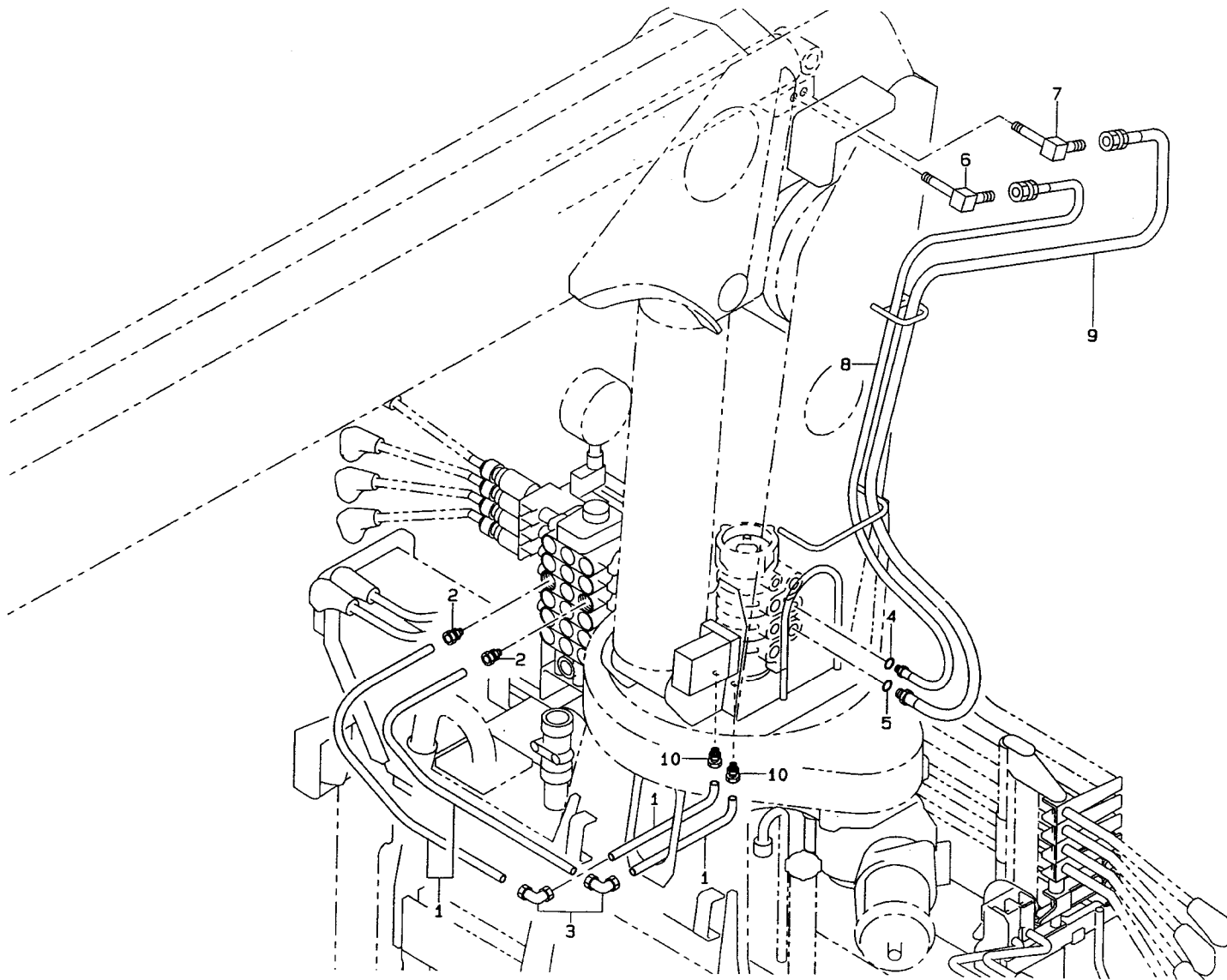


Fig. 8-3 PIPING (Extension cylinder)

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
1~10	☆	Piping (Extension cylinder)	1	△									
1	77P4 12015	Pipe	1										
2	7285 71203	Connector	2										
3	7281 51200	Elbow	2										
4	7311 91011	Ring- "O"	1										
5	7311 91014	Ring- "O"	1										
6	08H6 65010	Joint	1										
7	08H6 65020	Joint	1										
8	7865 02112	Hose-pressure, nylon (Ret.)	1			PF1/4 × 1120							
9	7865 03113	Hose-pressure, nylon (Ext.)	1			PF3/8 × 1130							
10	728S 57041	Connector	2										
	7285 71203	Connector	2										

☆...Interchangeable.

☆...New parts can interchange of old parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig. 8-4 PIPING (Swing motor)

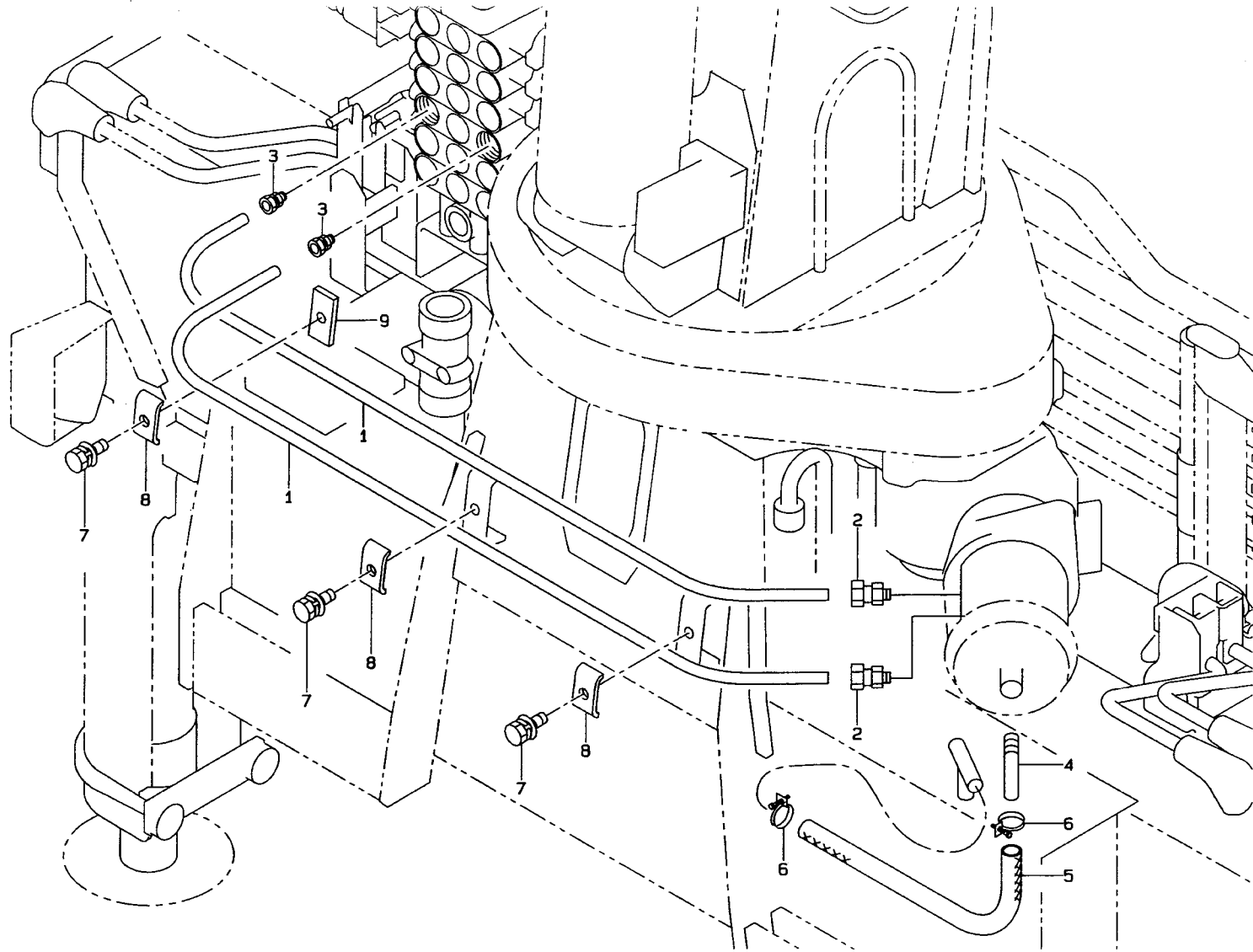


Fig. 8-4 PIPING (Swing motor)

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
1~9	☆	Piping (Swing motor)	1 set	△									
1	77P4 10012	Pipe	ℓ			φ 10							
2	7280 51003	Connector (M)	2										
3	7285 71003	Connector	2										
4	0800 62030	Joint-hose	1										
5	77V3 12000	Hose-vinyl	ℓ			φ 12 × 0.35m							
6	7600 00867	Band-hose	2			φ 19							
7	7141 10025	Bolt & Washer	3										
8	0138 62030	Clamp-pipe	3										
9	085C 65020	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. 8-5 PIPING (Outrigger)

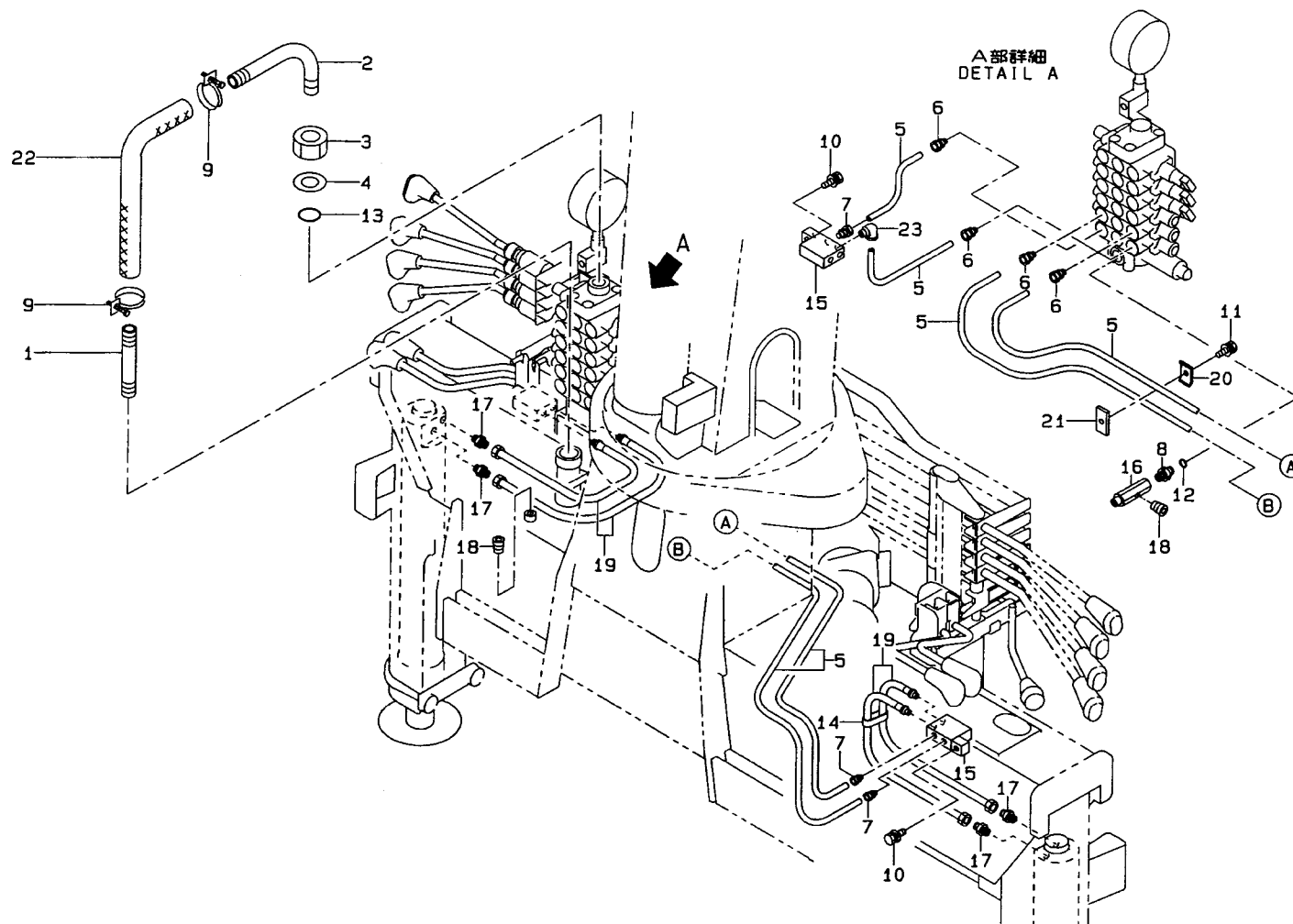


Fig. 8-5 PIPING (Outrigger)

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
1~23	☆	Piping (Outrigger)	1 set	△			19	77F5 02226	Hose-pressure, nylon	4			PT1/4 × 2260
1	0430 62150	Joint-hose	1				20	0138 62030	Clamp-pipe	3			
2	0805 65020	Joint-hose	1				21	085C 65020	Plate	1			
3	0143 62040	Nut	1				22	77H1 32000	Hose-rubber	ℓ			ℓ = 0.4m
4	0143 62050	Ring-back up	1				23	7281 71002	Nipple-elbow	1			
5	77P4 10012	Pipe	ℓ			φ 10							
6	7285 71003	Connector	4										
7	7280 51002	Connector (M)	3										
8	770A 02J08	Adapter (M) (M)	1										
9	7600 00819	Band-hose	2			φ 47							
10	7141 10020	Bolt & Washer	2										
11	7141 10025	Bolt & Washer	3										
12	7311 91018	Ring- "O"	1										
13	7311 91024	Ring- "O"	1										
14	7505 16001	Band-wire	6										
15	08AB 65010	Block-joint	2										
16	08H6 65040	Joint	1										
17	770A 02J04	Adapter (M) (M)	4										
18	7287 20200	Plug	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 COLUMN ASS'Y

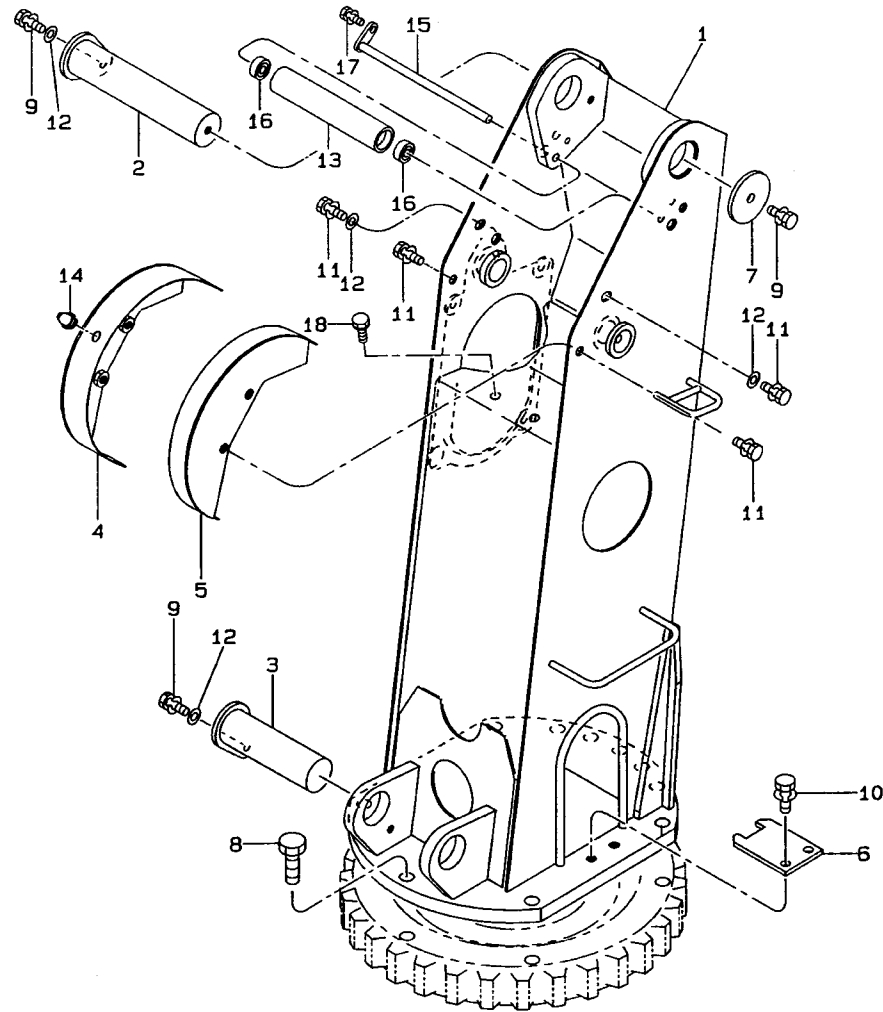


Fig. 9 COLUMN ASS'Y

(Note) Refer to design change notice No.6-6065

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	08AB 51000	Column Ass'y	1 set			(Note)							
1	08AB 51013	Column	1										
2	084C 51020	Pin (45)	1										
3	0185 51030	Pin	1										
4	08AB 51020	Cover (1)	1										
5	08AB 51030	Cover (2)	1										
6	083G 51050	stopper	1										
7	0190 21210	Plate	1										
8	08H6 51060	Bolt	10										
9	7601 29046	Bolt & Washer	3										
10	7141 12020	Bolt & Washer	2										
11	7141 10018	Bolt & Washer	4										
12	7221 12100	Washer -plain	4										
13	☆												
14	7243 34000	Nipple -grease	1										
15	7141 10020	Bolt & Washer	2										

⌘...Interchangeable. ⌘...New parts can interchange of old parts, but not vice-versa.

⌘...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 10 BASE ASS'Y

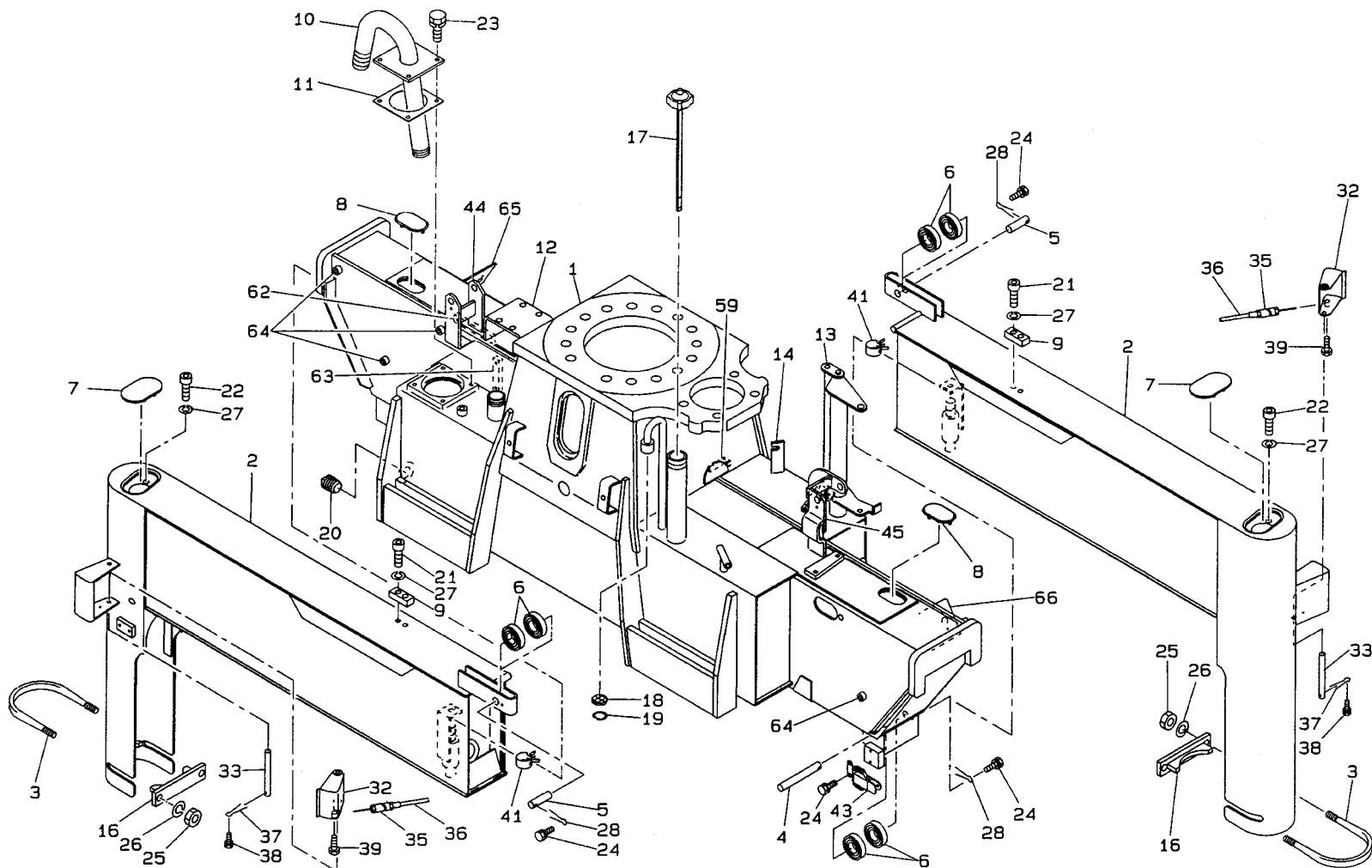


Fig. 10 BASE ASS'Y

(Note) Refer to design change notice No.6-6065

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1~66	08AB 55000	Base Ass'y	1 set	△		(Note)
1	08AB 55014	Base	1			
2	08AB 55022	Box-inner	2			
3	08AB 55030	Band	2			
4	08H6 55040	Pin (15)	2			
5	0137 55110	Pin (3)	2			
6	7602 10101	Bearing	6			
7	08H6 55050	Cover	2			
8	08H6 55070	Cover	2			
9	0882 55051	ストップ Stopper	2			
10	084C 55041	Pipe-suction	1			
11	0805 55061	Packing	1			
12	0805 55080	Stand-valve	1			
13	08AB 55072	Bracket	1			
14	08AB 55180	Bracket	1			
15	☆					
16	08AB 55040	Plate	2			
17	7703 10023	Cap	1			
18	0805 55120	Filter	1			

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
19	7241 20200	Ring-snap	1			
20	7252 61000	Plug	1			
21	7161 10025	Bolt	4			
22	7161 10020	Bolt	4			
23	7141 08015	Bolt & Washer	4			
24	7142 05012	Bolt & Washer	12			
25	7211 11120	Nut	4			
26	7222 11120	Washer-spring	4			
27	7222 11100	Washer-spring	8			
28	7231 06025	Pin-split	4			
29	☆					
30	☆					
31	☆					
32	7609 90294	Lever	2			
33	0882 55080	Pin (8)	2			
34	☆					
35	080B 55050	Collar	4			
36	7602 60095	Cable Ass'y	2			
37	7231 05025	Pin-split	2			

☆...Interchangeable.

△...New parts can interchange of old parts, but not vice-versa.

✕...Not interchangeable. △...Part not for sale.

D...Disuse.

Q...Quantity

Fig.10 BASE ASS'Y

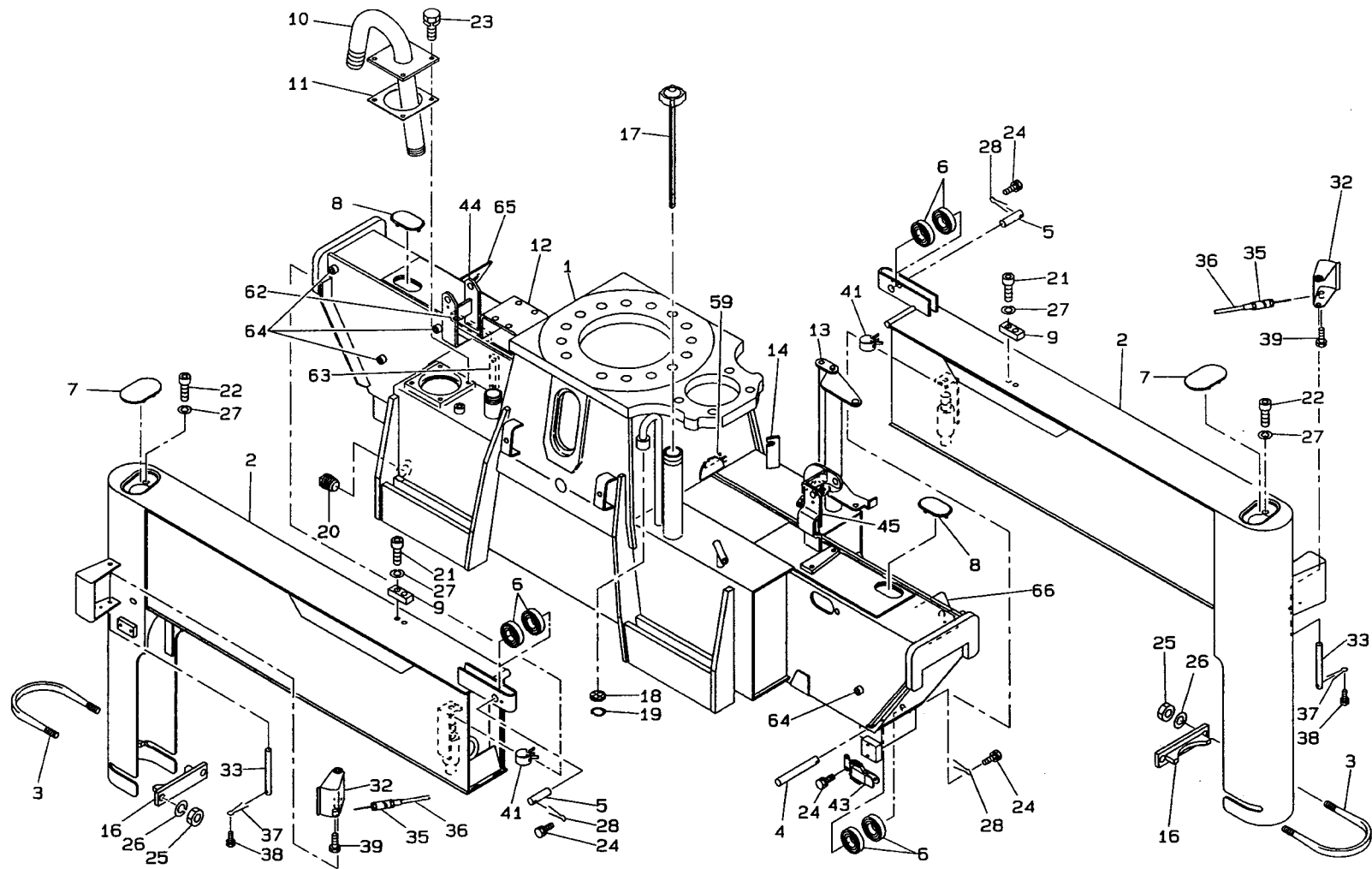


Fig. 10 BASE ASS'Y

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
38	7142 04010	Bolt & Washer	2				57	☆					
39	7111 05008	Bolt	2				58	☆					
40	☆						59	08AG 99020	Bracket	1			
41	7609 90207	Band-hose	2				60	☆					
42	☆						61	☆					
43	7604 52014	Catcher	2				62	0143 59040	Bracket	1			
44	08AB 55050	Bracket	1				63	0891 55040	Bracket (2)	1			
45	08AB 55060	Bracket	1				64	BD21 01230	Boss	6			
46	☆						65	0143 55111	Plate (Alarm)	1			
47	☆						66	A-523189	Plate	1			
48	☆												
49	☆												
50	☆												
51	☆												
52	☆												
53	☆												
54	☆												
55	☆												
56	☆												

↔ ...Interchangeable.

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

✕ ...Not interchangeable.

△ ...Part not for sale.

D...Disuse.

Q...Quantity

Fig.11 SWING DEVICE ASS'Y

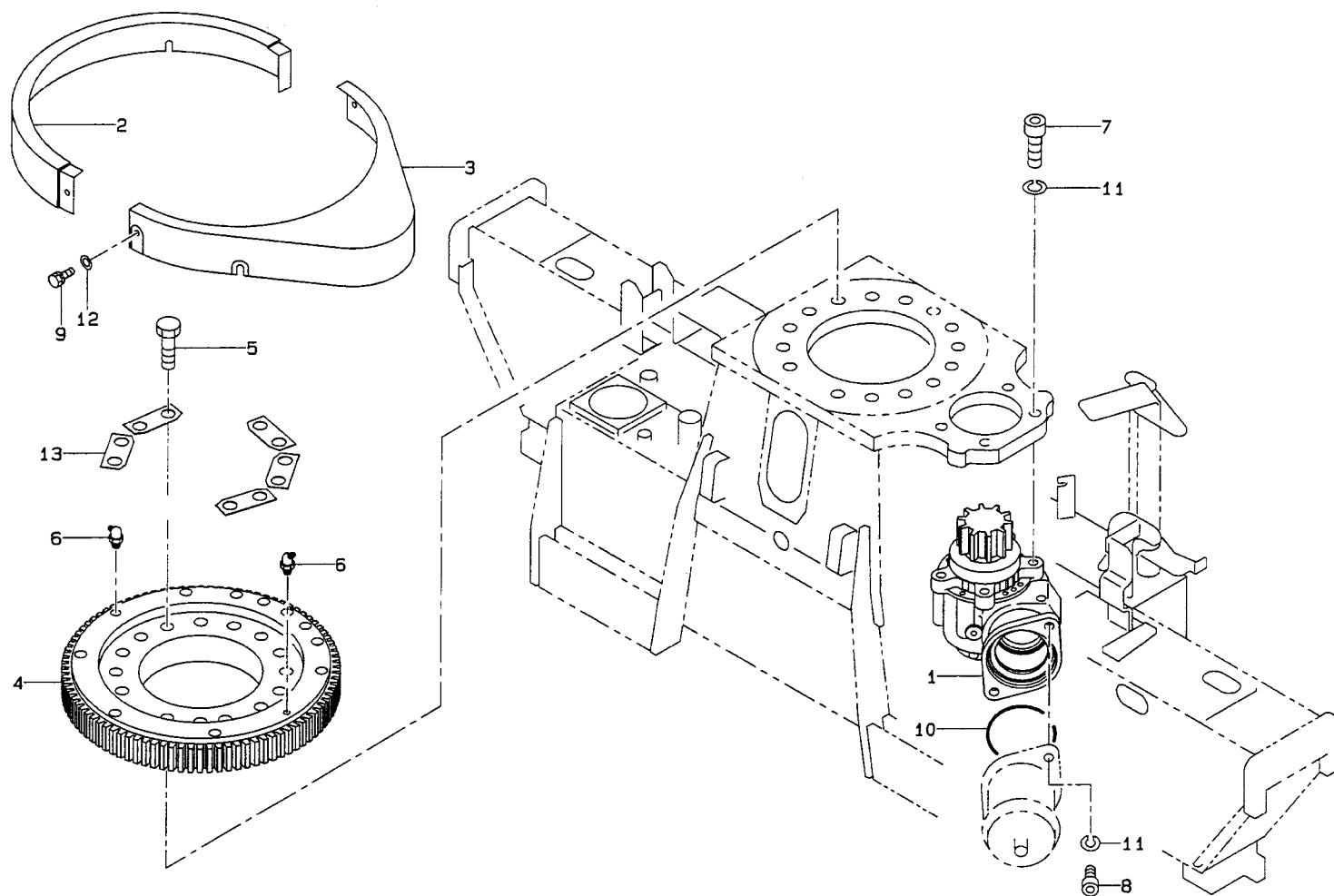


Fig. 11 SWING DEVICE ASS'Y

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
1~13	08AB 41000	Swing device Ass'y	1 set	△									
1	08AB 41011	Swing gear box Ass'y See Fig.12	1										
2	084C 41020	Cover (1)	1										
3	084C 41030	Cover (2)	1										
4	7405 30034	Table-turn	1										
5	084C 41040	Bolt	15										
6	7243 34000	Nipple-grease	2										
7	7161 14045	Bolt	4										
8	7161 14D35	Bolt	2										
9	7141 08018	Bolt & Washer	6										
10	7311 72100	Ring- "O"	1										
11	7222 11140	Washer-spring	6										
12	7221 12080	Washer-plain	6										
13	084C 41051	Stopper	5										

⌘ ...Interchangeable.

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

⌘ ...Not interchangeable.

△ ...Part not for sale.

D...Disuse.

Q...Quantity

Fig. 12 SWING GEAR BOX ASS'Y

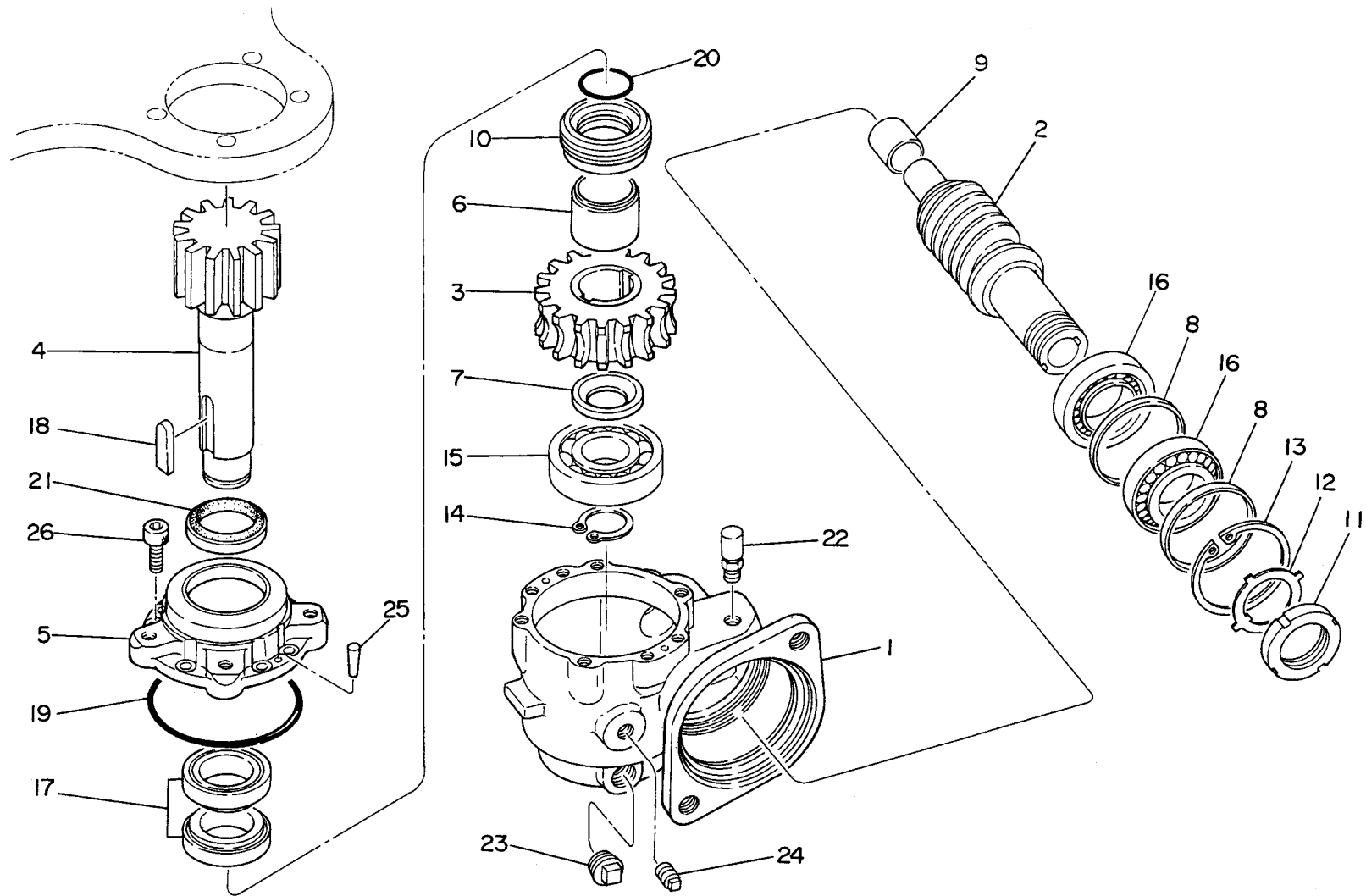


Fig.12 SWING GEAR BOX ASS'Y

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
1~26	08AB 41011	Swing gear box Ass'y	1 set				19	7311 72100	Ring-"O"	1			
1	FG41 01010	Casing	1				20	7311 72060	Ring-"O"	1			
2	K841 05023	Shaft-warm	1				21	8220 56070	Seal-dust	1			
3	AP41 01010	Wheel-warm	1				22	0138 41120	Breather	1			
4	AP41 01020	Shaft-gear	1				23	7252 60300	Plug	1			PT3/8
5	AP41 01030	Housing-bearing	1				24	7252 60100	Plug	1			PT1/8
6	K841 05050	Collar (1)	1				25	7232 08030	Pin-taper	2			
7	AP41 01040	Collar (2)	1				26	7161 08D20	Bolt	8			
8	K841 01070	Collar (3)	2										
9	F241 01080	Bushing (1)	1										
10	AP41 01050	Nut	1										
11	7243 10800	Nut-crown	1										
12	7243 20800	Washer-crown	1										
13	7241 20800	Ring-snap	1										
14	7241 10350	Ring-snap	1										
15	7260 62070	Bearing-ball	1										
16	7263 20100	Bearing-taper roller	2										
17	7263 02080	Bearing-taper roller	2										
18	7332 12044	Key	2										

⊙...Interchangeable.

⊙...New parts can interchange of old parts, but not vice-versa.

⊗...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig.13 HOIST WINCH ASS'Y

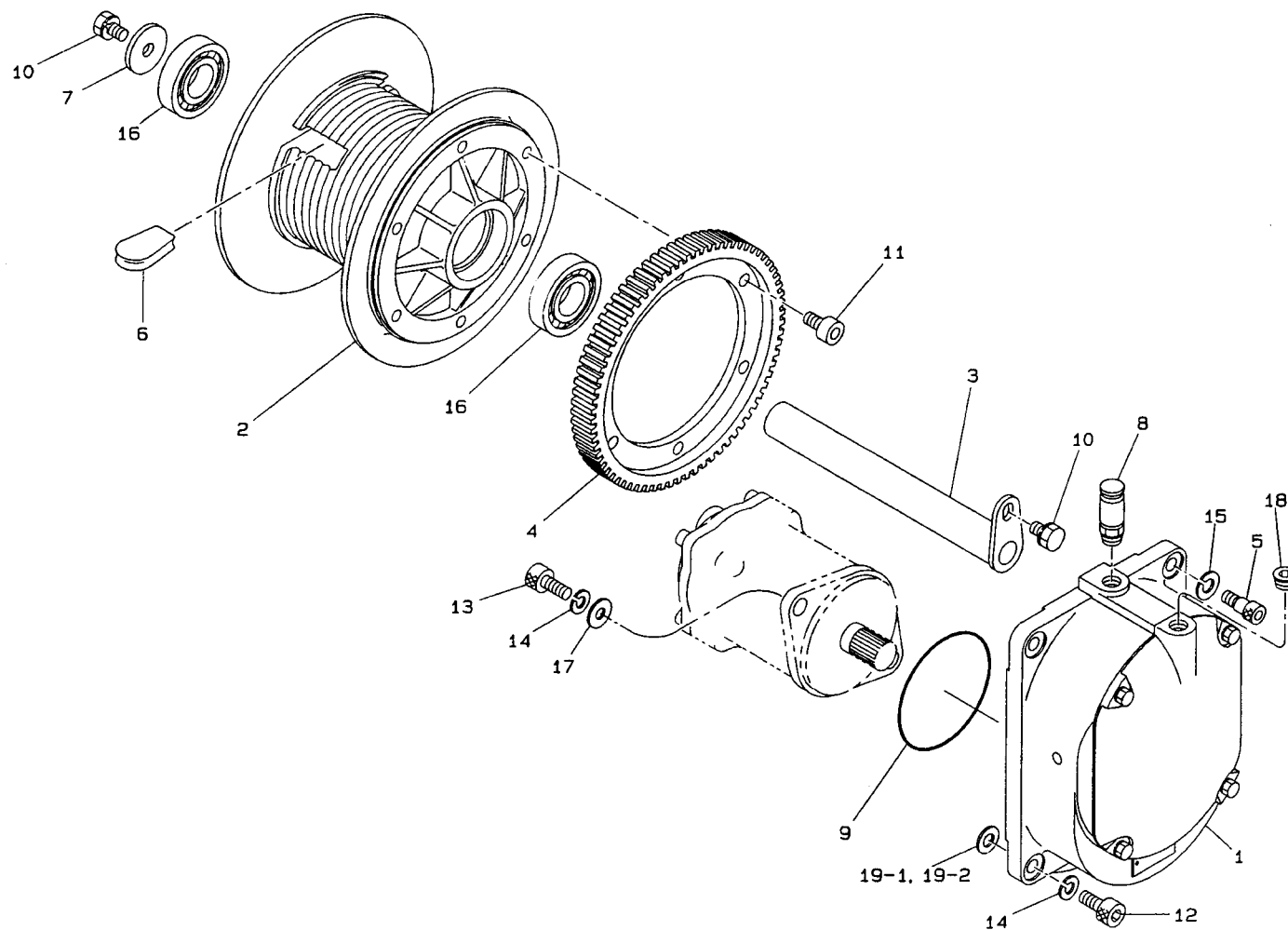


Fig.13 HOIST WINCH ASS'Y

(Note) Refer to design change notice No.6-6065

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
1~19	08AB 31000	Hoist winch Ass'y	1 set			(Note)	18	7287 20300	Plug	1			
1	08H6 31011	Winch gear box Ass'y	1				19-1	0143 31060	Shim (1)	1			t = 0.4
		See Fig. 14					19-2	0143 31070	Shim (2)	1			t = 0.8
2	08B2 31010	Drum	1			φ 136							
3	084C 31020	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 10D25	Bolt	3										
13	7161 10030	Bolt	2										
14	7222 11100	Washer-spring	5										
15	7222 11120	Washer-spring	1										
16	7260 62062	Bearing	2										
17	7221 12100	Washer-plain	2										

⚙...Interchangeable. ⚙...New parts can interchange of old parts, but not vice-versa.

⚙...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity 49

Fig.14 WINCH GEAR BOX ASS'Y

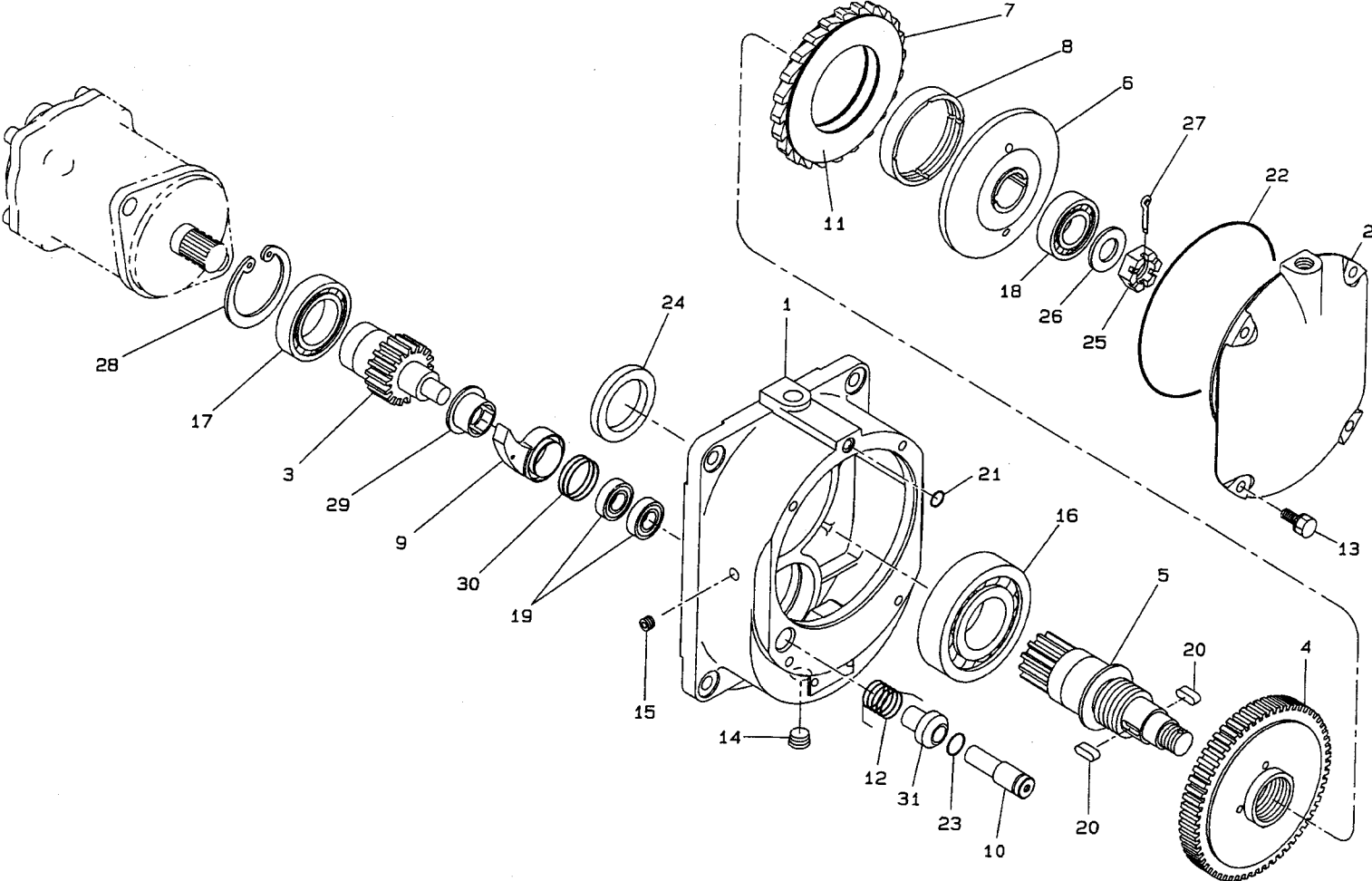


Fig. 14 WINCH GEAR BOX ASS'Y

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
1~31	08H6 31011	Winch gear box Ass'y	1	set			19	7602 10092	Bearing	2			
1	DC31 01010	Casing	1				20	7331 07020	Key	2			
2	DC31 01020	Cover	1				21	7311 71010	Ring-"O"	1			
3	N131 01030	Gear (1)	1				22	7311 72145	Ring-"O"	1			
C 4	0125 31074	Gear (2)	1				23	7311 74016	Ring-"O"	1			
C 5	DC31 01030	Shaft-gear	1				24	8520 45062	Seal-oil	1			
6	0125 31122	Disk	1				25	7213 31200	Nut-castle	1			
A 7	0125 31111	Wheel-ratchet	1				26	7221 12200	Washer-plain	1			
A 8	0125 31144	Bushing	1				27	7231 04030	Pin-split	1			
B 9	N131 03020	Pawl	1				28	7241 20680	Ring-snap	1			
10	DC31 01040	Pin-pawl	1				B 29	N131 01070	Bushing	1			
11	V131 01050	Brake shoe Ass'y	2				30	N131 03030	Spring	1			
12	N131 01060	Spring	1				31	N131 01091	Collar	1			
13	7141 08020	Bolt & Washer	4										
14	7287 20300	Plug	1										
15	7287 20100	Plug	1				A	N131 03810	Ratchet wheel Ass'y	1			
16	7260 63090	Bearing	1				B	N131 03820	Pawl Ass'y	1			
17	7260 60080	Bearing	1				C	DC31 01810	Gear shaft Ass'y	1			
18	7260 62050	Bearing	1										

⬇...Interchangeable.

⬇...New parts can interchange of old parts, but not vice-versa.

⬇...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig. 15 BOOM LIFT CYLINDER ASS'Y

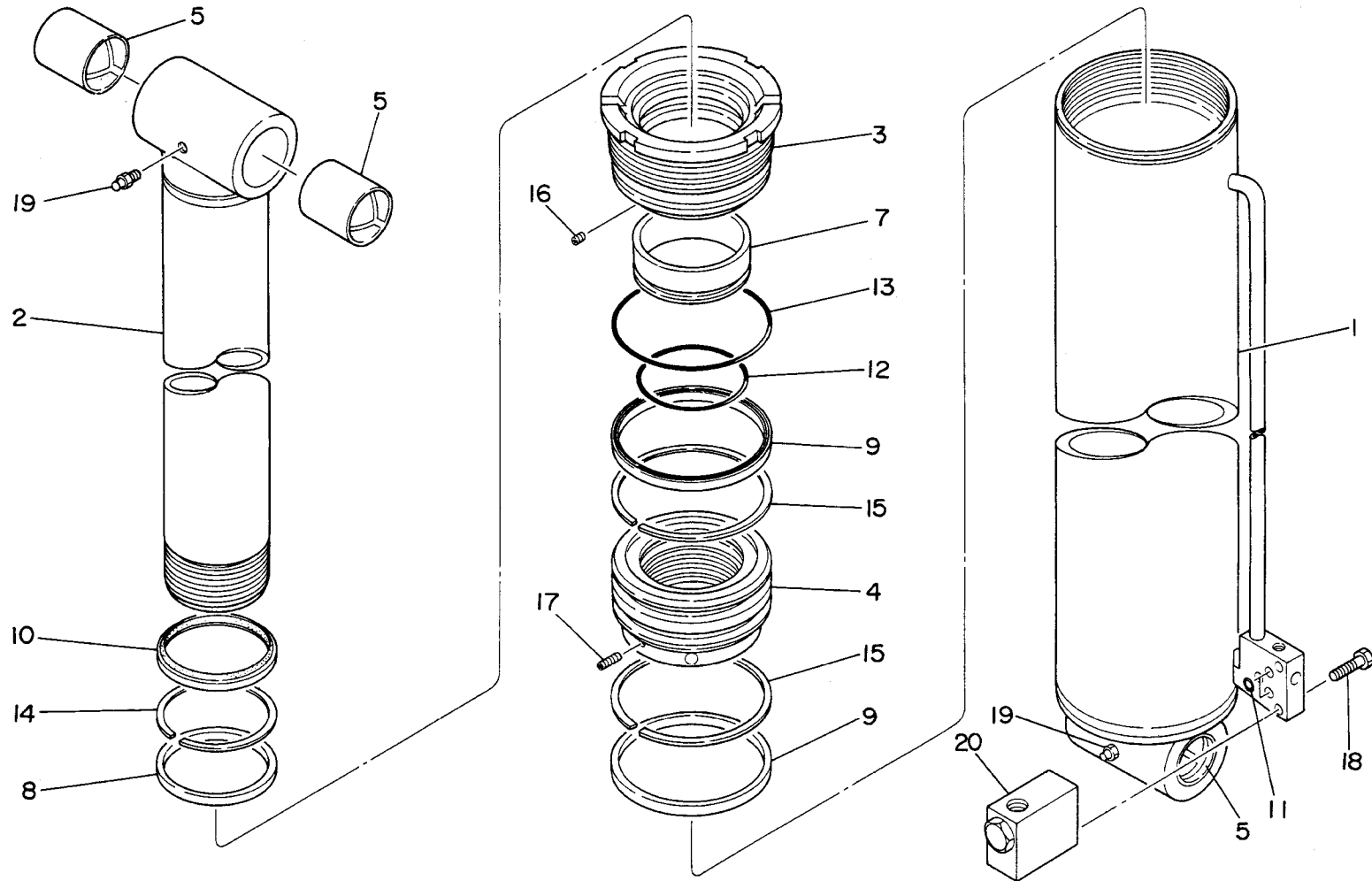


Fig.15 BOOM LIFT CYLINDER ASS'Y

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
1~19	084C 11000	Boom lift cylinder Ass'y	1 set				19	7243 32000	Nipple-grease	2			
1	084C 11012	Tube Ass'y (1)	1				20	6014 74000	Boom lift cylinder holding valve Ass'y	1			CB-03ED
2	084C 11020	Rod Ass'y (1)	1						See Fig. HP 4				
3	084C 11030	Gland	1										
4	084C 11040	Piston	1										
5	084C 11050	ブッシュ Bushing	4				S	9184 C11P0	Packing set	1 set			
6	☆												
7	084C 11060	Bushing-gland	1										
S 8	8230 80090	Packing	1										
S 9	8231 06120	Packing	2										
S 10	8300 80094	Seal-dust	1										
S 11	7311 91016	Ring-"O"	2										
S 12	7311 92080	Ring-"O"	1										
S 13	7311 92115	Ring-"O"	1										
S 14	8280 80090	Ring-back up	1										
S 15	8281 06120	Ring-back up	2										
16	7049 06008	Screw-set	2										
17	7049 08020	Screw-set	1										
18	7117 08030	Bolt	3										

⬇...Interchangeable.

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

⬇...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig. 16 OUTRIGGER CYLINDER ASS'Y

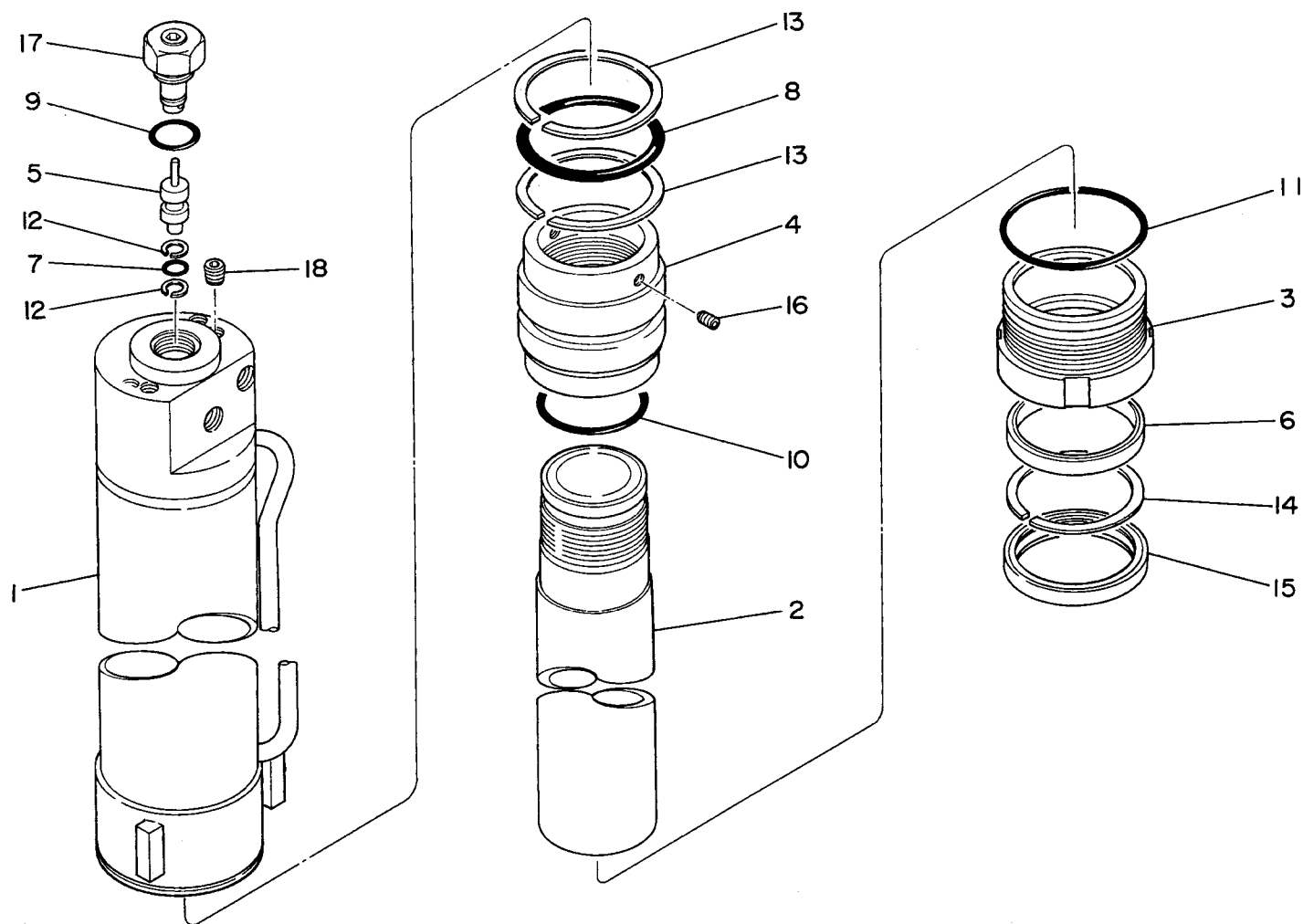


Fig. 16 OUTRIGGER CYLINDER ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1~18	08AB 13000	Outrigger cylinder Ass'y	1 set			
1	08AB 13014	Tube Ass'y (1)	1			
2	083G 13021	Rod Ass'y (1)	1			
3	083G 13030	Gland	1			
4	083G 13040	Piston	1			
5	0143 13041	Spool	1			
S 6	8410 55065	Packing	1			
S 7	7311 71011	Ring-"O"	1			
S 8	7311 91060	Ring-"O"	1			
S 9	7311 92025	Ring-"O"	1			
S10	7311 92050	Ring-"O"	1			
S11	7311 92065	Ring-"O"	1			
S12	7321 21011	Ring-back up	2			
S13	7321 21060	Ring-back up	2			
S14	8280 55065	Ring-back up	1			
S15	8300 55069	Seal-dust	1			
16	7049 08010	Screw-set	2			
17	6016 81000	Outrigger cylinder holding valve Ass'y	1			CP-03F
		See Fig. HP 6				

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
18	7287 20100	Plug	1			
S	9183 G13P0	Packing set	1 set			

⚙...Interchangeable. ⚙...New parts can interchange of old parts, but not vice-versa.

⚙...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig. 17 SWIVEL JOINT ASS'Y

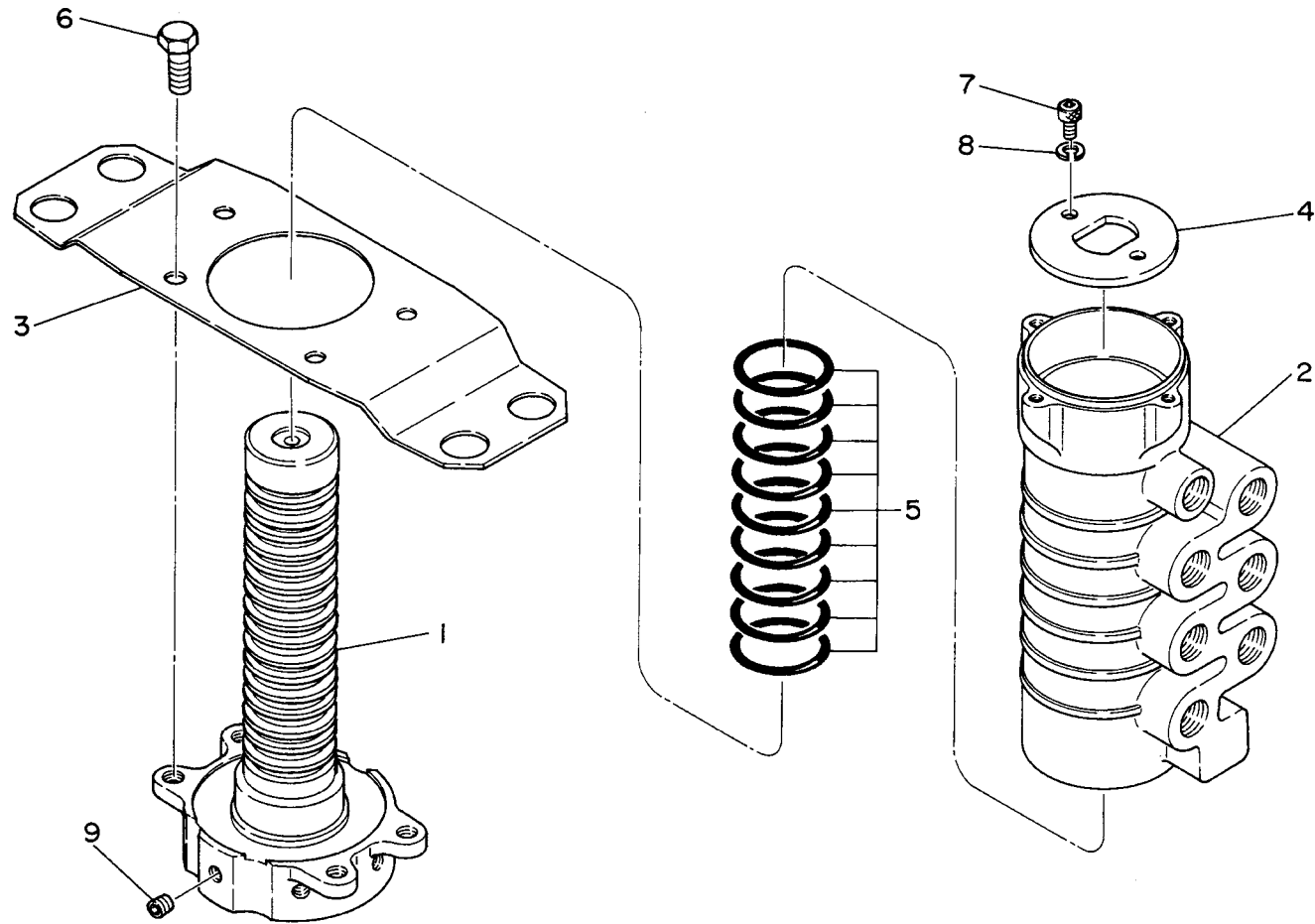


Fig. 17 SWIVEL JOINT ASS'Y

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
1~9	08MG 43000	Swivel joint Ass'y	1 set										
1	0805 43011	Inner part	1										
2	0805 43021	Outer part	1										
3	084C 43010	Flange	1										
4	.08FB 43010	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										

⚙...Interchangeable.

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

⚡...Not interchangeable.

⚠...Part not for sale.

D...Disuse.

Q...Quantity

57

Fig. 18 SLIP RING ASS'Y

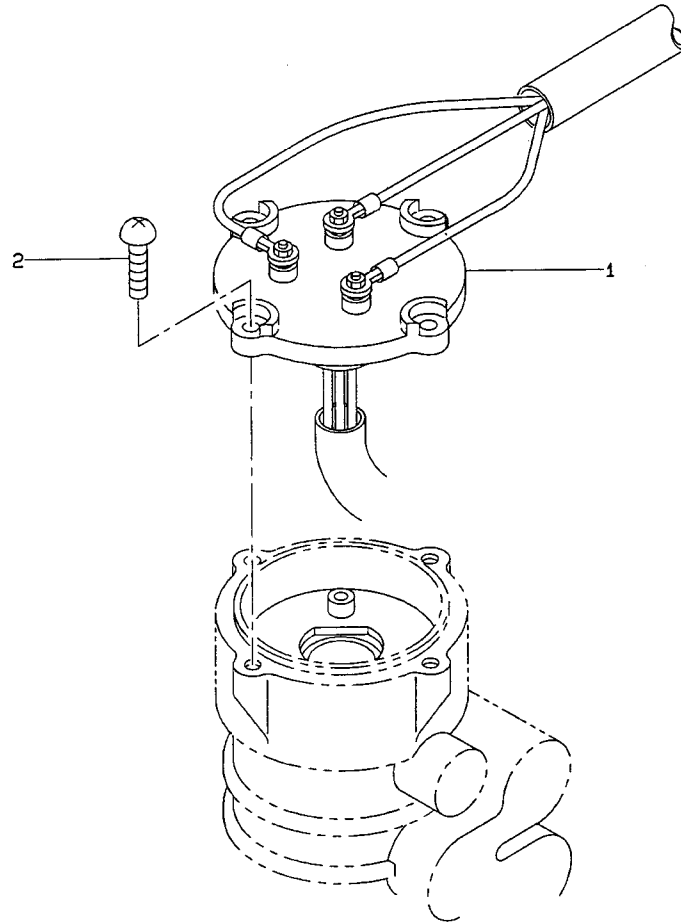


Fig. 18 SLIP RING ASS'Y

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	08FB 93000	Slip ring Ass'y	1 set										
1	7505 07016	Ring-slip	1										
2	7012 06015	Screw-pan head	4										

⌘ ...Interchangeable.

⌘ ...New parts can interchangeble of old parts, but not vice-versa.

⌘ ...Not interchangeable.

△ ...Part not for sale.

D...Disuse.

Q...Quantity

Fig. 19 CONTROL ASS'Y

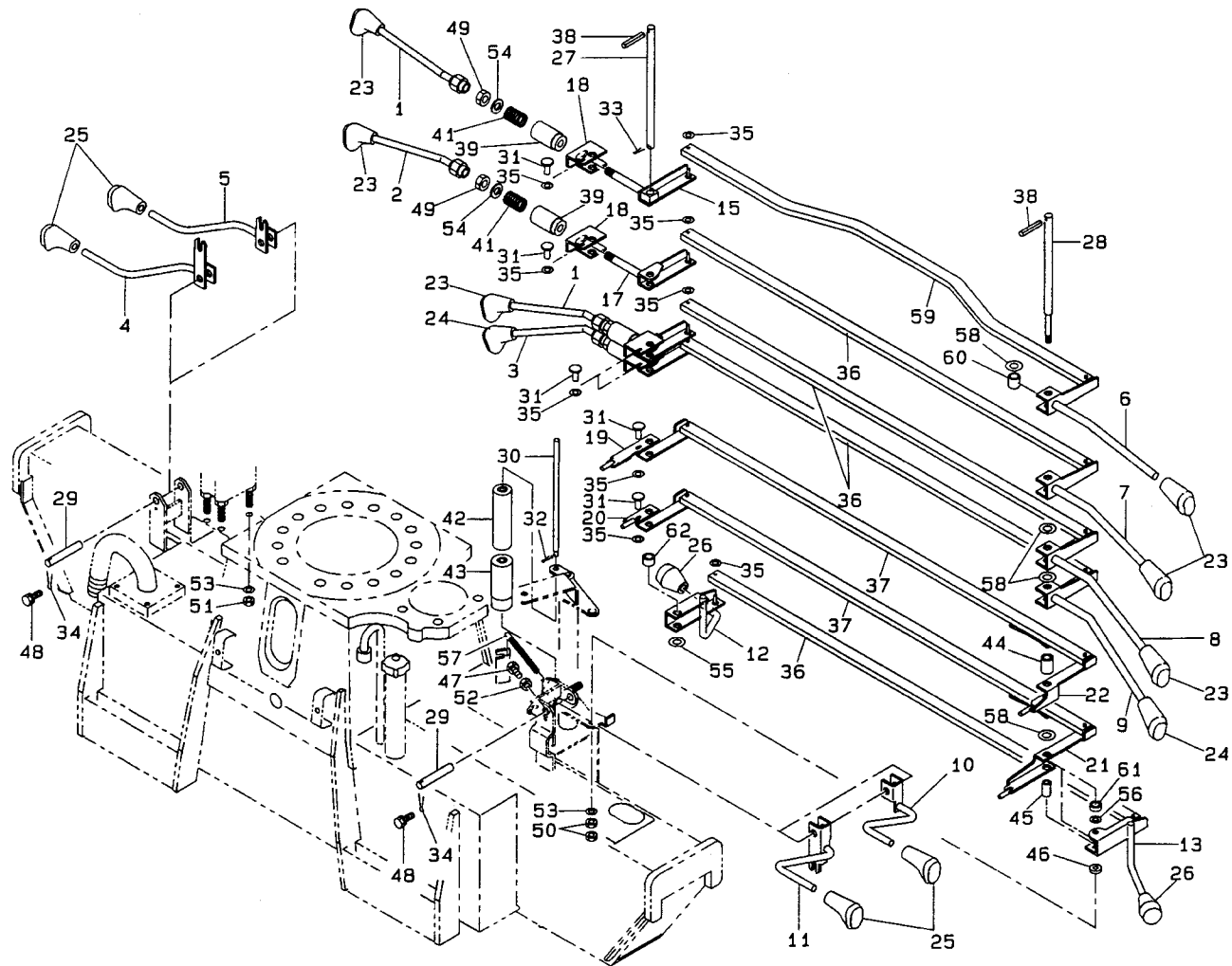


Fig.19 CONTROL ASS'Y

(Note) Refer to design change notice No.6-6065

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1~62	08AB 58000	Control Ass'y	1 set	△		(Note)
1	08AB 58010	Lever Ass'y (2)	2			
2	08AB 58020	Lever Ass'y (3)	1			
3	08AB 58030	Lever Ass'y (1)	1			
4	B-518338	Lever Ass'y (5)	1			
5	B-518339	Lever Ass'y (6)	1			
6	08AB 58061	Lever Ass'y (7)	1			
7	08AB 58071	Lever Ass'y (8)	1			
8	08AB 58081	Lever Ass'y (9)	1			
9	08AB 58091	Lever Ass'y (10)	1			
10	B-518340	Lever Ass'y (11)	1			
11	B-518341	Lever Ass'y (12)	1			
12	08AB 58130	Lever Ass'y (13)	1			
13	08AB 58141	Lever Ass'y (14)	1			
14	☆					
15	0805 58120	Link	1			
16	☆					
17	08H6 58070	Link	3			
18	0805 58190	Link	4			

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
19	08H6 58081	Link	1			
20	08H6 58092	Link	1			
21	08H6 58111	Link	1			
22	08H6 58122	Link	1			
23	08H6 58150	Knob (1)	6			
24	08H6 58160	Knob (2)	2			
25	08H6 58170	Knob (3)	4			
26	080B 58010	Knob (Black)	2			
27	08AB 58150	Pin (14)	1			
28	08AB 58160	Pin (14)	1			
29	08R9 58020	Pin (14)	2			
30	08AB 58230	Pin (10)	1			
31	0805 58240	Pin (5)	6			
32	7231 02012	Pin-split	1			
33	7231 04025	Pin-split	1			
34	7231 06025	Pin-split	2			
35	7241 90050	Nut-push	20			
36	08AB 58170	Rod	4			
37	08AB 58180	Rod	2			

↺...Interchangeable. ↺...New parts can interchange of old parts, but not vice-versa.

↻...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity 61

Fig. 19 CONTROL ASS'Y

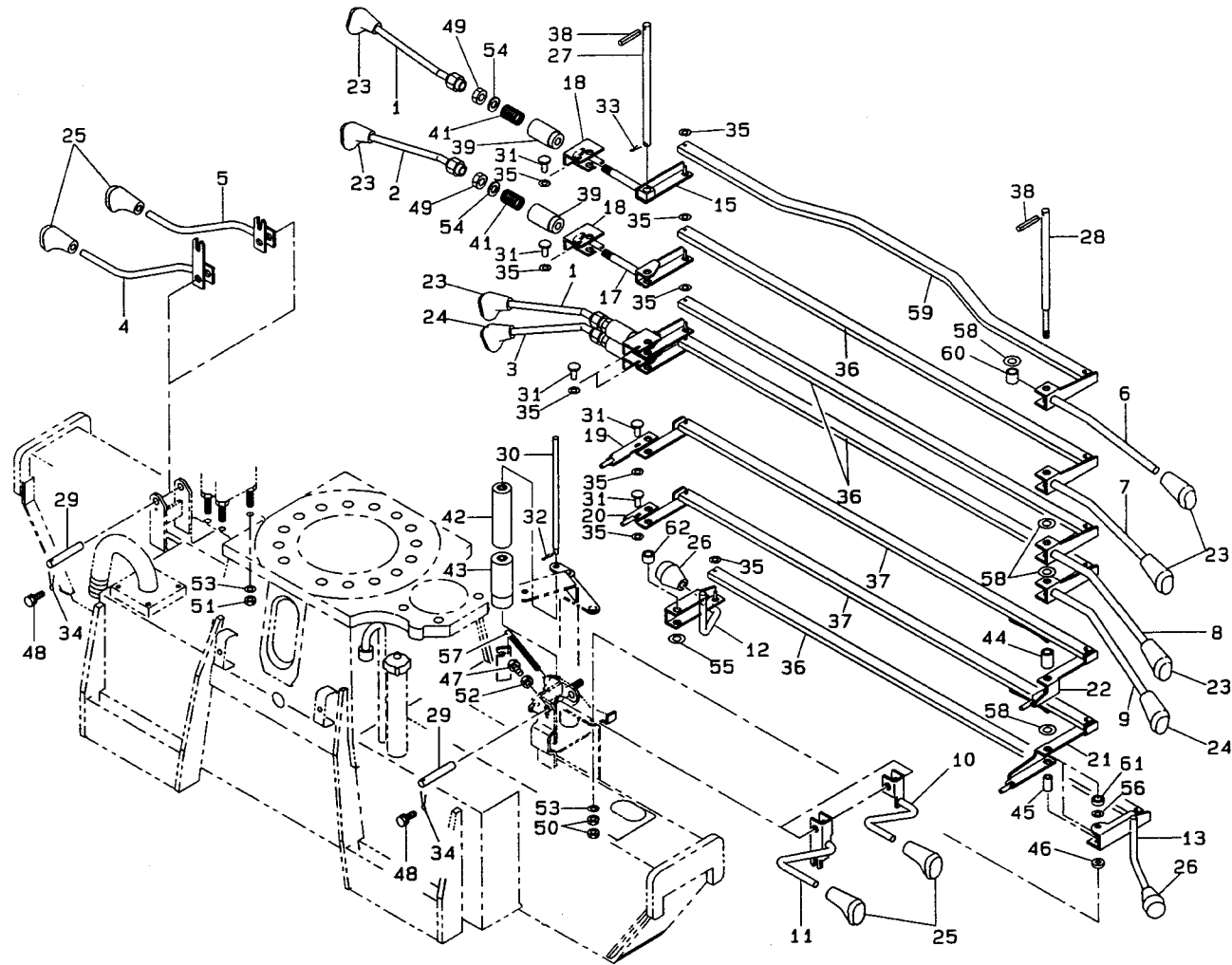


Fig. 19 CONTROL ASS'Y

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
38	7234 05025	Pin-spring	2				57	6030 61090	Spring	1			
39	08H6 59020	Bushing	4				58	0032 52240	Washer	4			
40	☆						59	08AB 58211	Rod	1			
41	0143 54181	Spring	4				60	08AB 58220	Collar	1			
42	0143 65131	Roller	1				61	0825 27060	Collar	1			
43	08AB 58190	Roller	1				62	01K6 55050	Collar	1			
44	08H6 58180	Collar	1										
45	08H6 58190	Collar	1										
46	0805 58230	Collar	1										
47	7111 08035	Bolt	1										
48	7142 05012	Bolt & Washer	2										
49	7601 40104	Nut	4										
50	7211 11100	Nut	2										
51	7211 15100	Nut	4										
52	7211 11080	Nut	1										
53	7222 11100	Washer-spring	5										
54	7601 30063	Washer-plain	4										
55	7221 12140	Washer-plain	1										
56	7221 12100	Washer-plain	1										

⌘...Interchangeable. ⌘...New parts can interchangeable of old parts, but not vice-versa.

⌘...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity

Fig.20 PLACARD

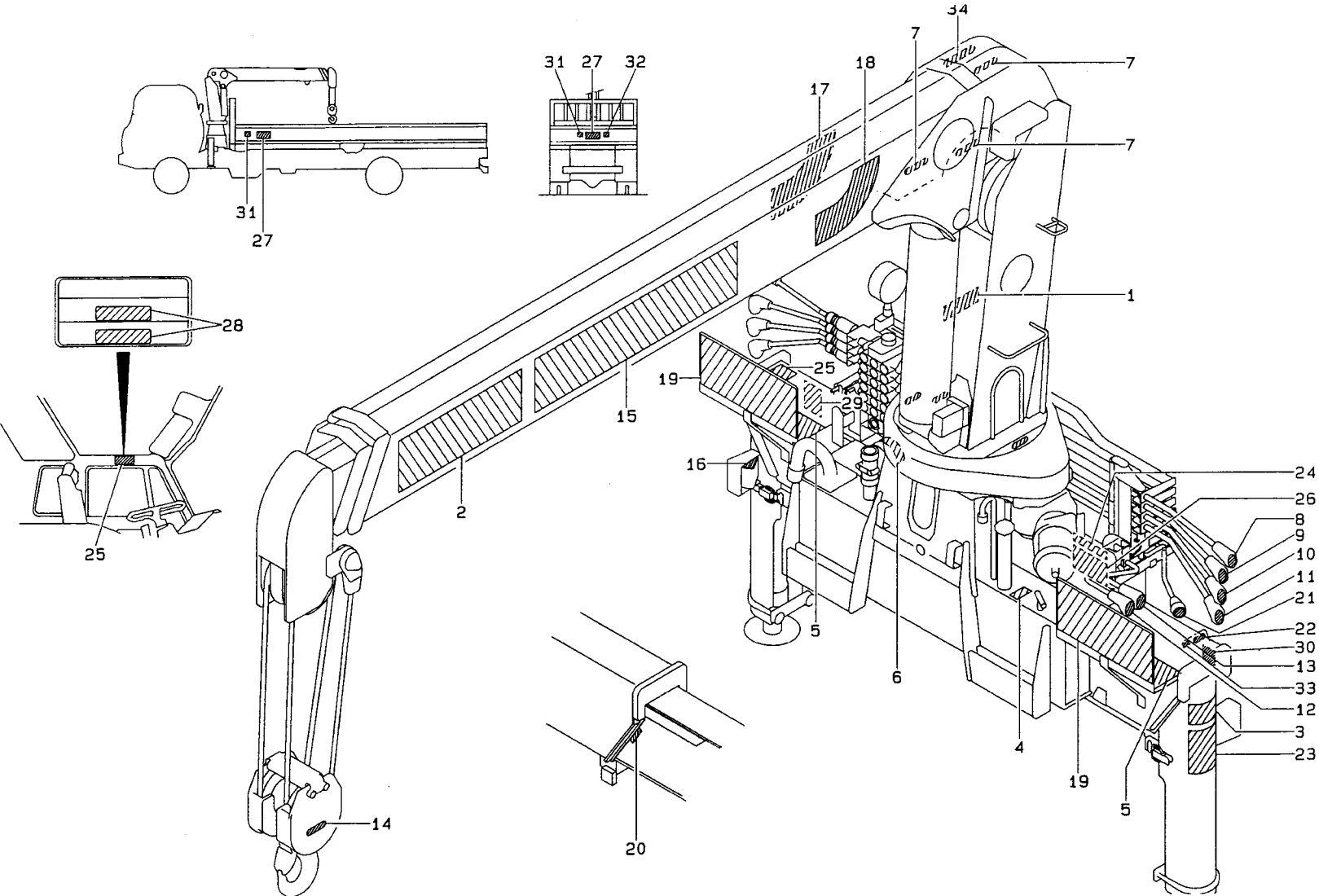


Fig.20 PLACARD

(Note) Refer to design change notice No.6-6065

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	△		(Note)	19	08B2 81030	Placard (Maximum load chart)	2			
1	08V8 83010	Crane model name plate	1				20	0809 81071	Placard (Eye mark)	2			
2	6021 05030	Placard (UNIC)	2				21	08J0 81280	Placard (Accelerator)	2			
3	0891 81060	Placard (Caution O/R operation)	2				22	0805 81070	Placard (Warning horn)	2			
4	088F 81060	Placard (Hydraulic oil only)	1				23	088F 81050	Placard(Danger, O/R operation)	2			
5	C-510852	Placard (Operating instructions)	2				24	088F 81070	Placard (Replacement warning)	2			
6	0891 81070	Placard (Filter)	1				25	088F 81080	Placard(Caution, RPM Loading)	1			
7	08J0 81070	Placard (Grease)	6				26	088F 81090	Placard (Electrocution Hazard)	2			
8	08H6 83010	Placard (Raise/Lower)	2				27	088F 81110	Placard (Electrocution Hazard)	3			
9	08H6 83020	Placard (Hoist)	2				28	6021 04431	Placard (Name plate "UNIC")	2			
10	08H6 83030	Placard (Telescoping)	2				29	08A4 81090	Placard(Caution, inspect vehicle)	2			
11	08J0 81120	Placard (Swing)	2				30	08A4 81110	Placard (Danger, two blocking)	2			
12	A-522874	Placard (Outrigger street side)	2				31	08A4 81120	Placard(Danger, Ride Load line)	3			
13	A-522875	Placard (Outrigger curb side)	2				32	08A4 81130	Placard (Danger, Hoisting Personnel)	1			
14	08B2 81040	Placard (Hook)	2				33	08V8 83030	Placard (Emergency, remove)	1			
15	08AB 81020	Placard (URA290)	2				34	A-523170	Placard (molybdenum grease)	1			
16	0882 81082	Placard (Blue mark)	2										
17	08B2 81011	Placard (Boom angle R.H.)	1										
18	08B2 81021	Placard (Boom angle L.H.)	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 EQUIPMENT

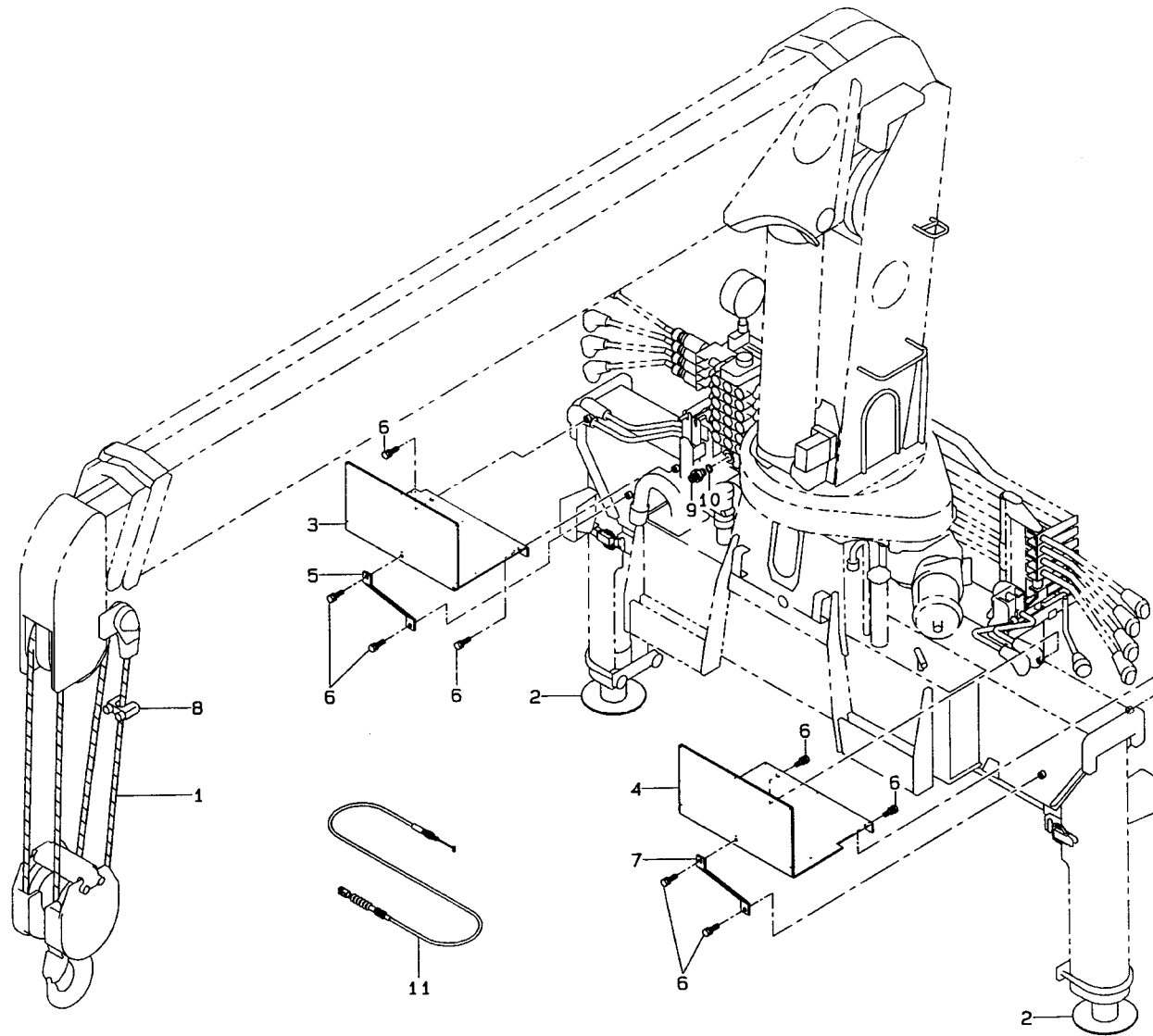


Fig. 21 EQUIPMENT

(Note) Refer to design change notice No.6-6065

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	1 set	△		(Note)							
1	7602 50128	Rope-wire	1			8 ϕ × 44m							
2	0143 88420	Float	2										
3	B-518306	Panel (1)	1										
4	B-518307	Panel (2)	1										
5	088F 81120	Plate	1										
6	7141 08015	Bolt with Washer	8										
7	A-523172	Plate	1										
8	7601 60064	Clip-wire	1										
9	0891 81020	Joint	1										
10	7311 91018	Ring- "O"	1										
11	7602 60050	Wire-accelerator	1			ℓ = 5000							

HYDRAULIC PARTS

Fig. HP1 CONTROL VALVE ASS'Y

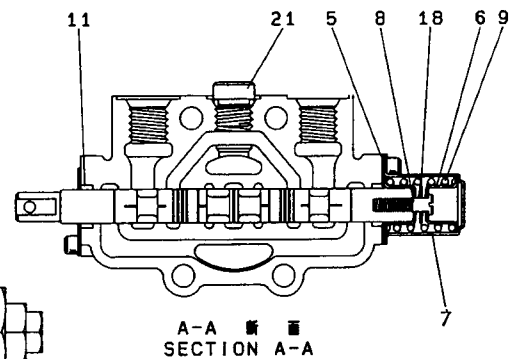
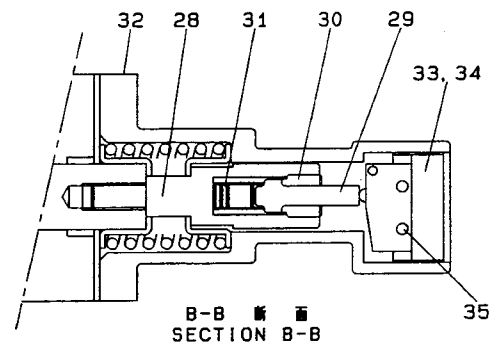
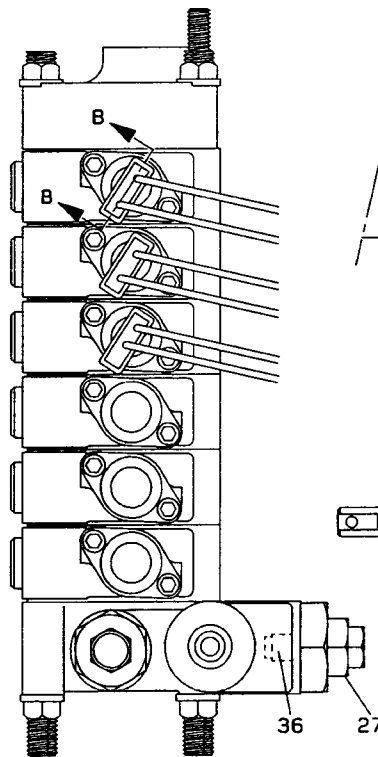
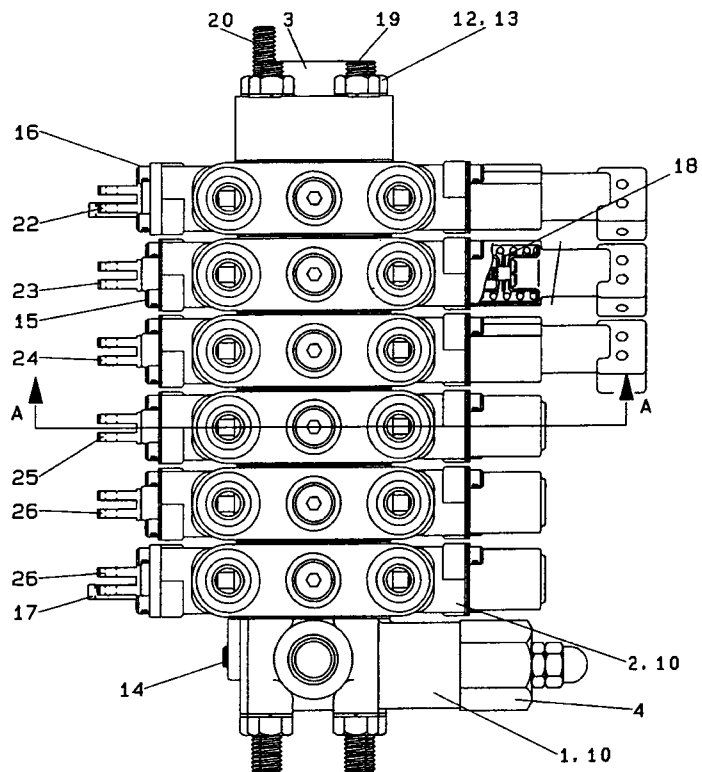


Fig.HP1 CONTROL VALVE ASS'Y

(Note) Refer to design change notice No.6-6065

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
1~36	6019 75000	Control valve Ass'y	1 set			(Note)
1	6050 01070	Body-inlet	1			RT-15C
2	6016 25010	Body-valve (Parallel)	6			
3	6016 25021	Body-outlet	1			
4	6014 93000	Relief valve Ass'y See Fig. HP2	1			
5	6015 50040	Seat-seal	10			
6	6015 50050	Seat-spring	12			
7	6015 50061	Cover	4			
8	6015 50072	Screw-cap	4			
9	6016 25030	Spring	6			
10	7701 70026	Ring-"O"	7			
11	7702 20003	Seal-dust	12			
12	7222 11100	Washer-spring	8			
13	7211 15100	Nut	8			
14	7287 20200	Plug	1			
15	7161 06008	Bolt	20			
16	7161 06012	Bolt	4			
17	6015 50114	Bracket	2			

KEY No.	PARTS No.	PARTS NAME	Q t y	M A R K	SERIAL No.	NOTE
18	6015 50090	Spacer	2			ULV-04
19	6016 25040	Rod-tie (320)	3			
20	6015 60010	Rod-tie (335)	1			
21	7288 90300	Plug	6			
22	6017 28040	Meter in out spool	1			
23	6017 28010	Meter out spool	1			
24	6016 25071	Meter in spool	1			
25	6019 75010	Meter in spool "S"	1			
26	6015 50161	Meter in spool	2			
27	6019 98000	Unload valve Ass'y See Fig. HP7	1			
28	6050 01020	Screw-cap	2			
29	6050 01030	Rod-push	2			
30	6050 01040	Stopper	2			
31	6050 01050	Spring	2			
32	6050 01060	Cover	2			
33	7503 14006	Switch-micro	1			
34	7503 14007	Switch-micro	1			
35	7601 10069	Screw-pan head	4			

⌀...Interchangeable. ⌀...New parts can interchange of old parts, but not vice-versa.

⌀...Not interchangeable. △...Part not for sale. D...Disuse. Q...Quantity 73

Fig. HP1 CONTROL VALVE ASS'Y

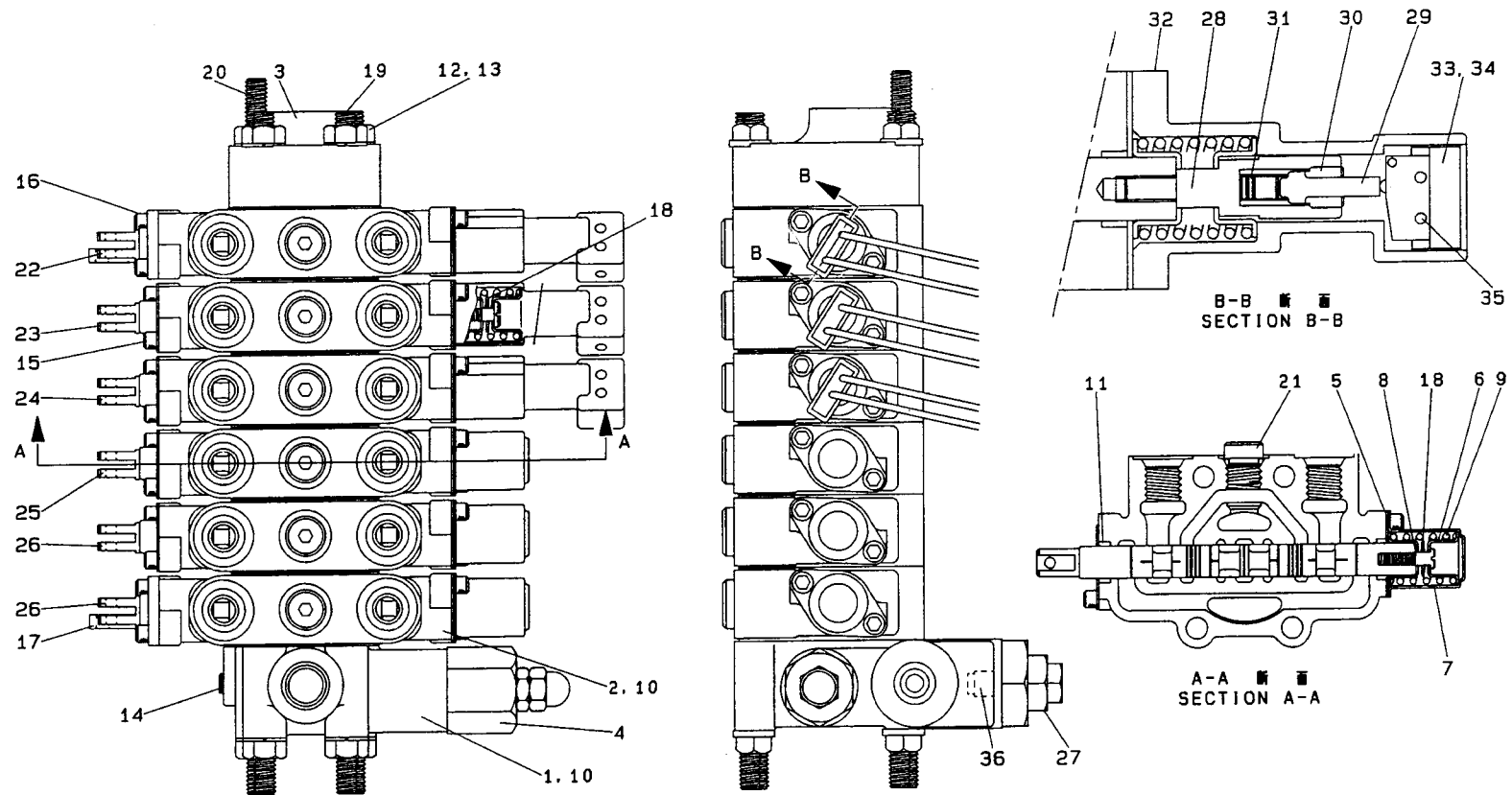


Fig. HP1 CONTROL VALVE ASS'Y

(Note) Refer to design change notice No.6-6065

KEY No.	PARTS No.	PARTS NAME	Q · t y	M A R K	SERIAL No.	NOTE
36	7287 20100	Plug	1			

KEY No.	PARTS No.	PARTS NAME	Q · t y	M A R K	SERIAL No.	NOTE

⌘ ...Interchangeable.

⌘ ...New parts can interchange 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)

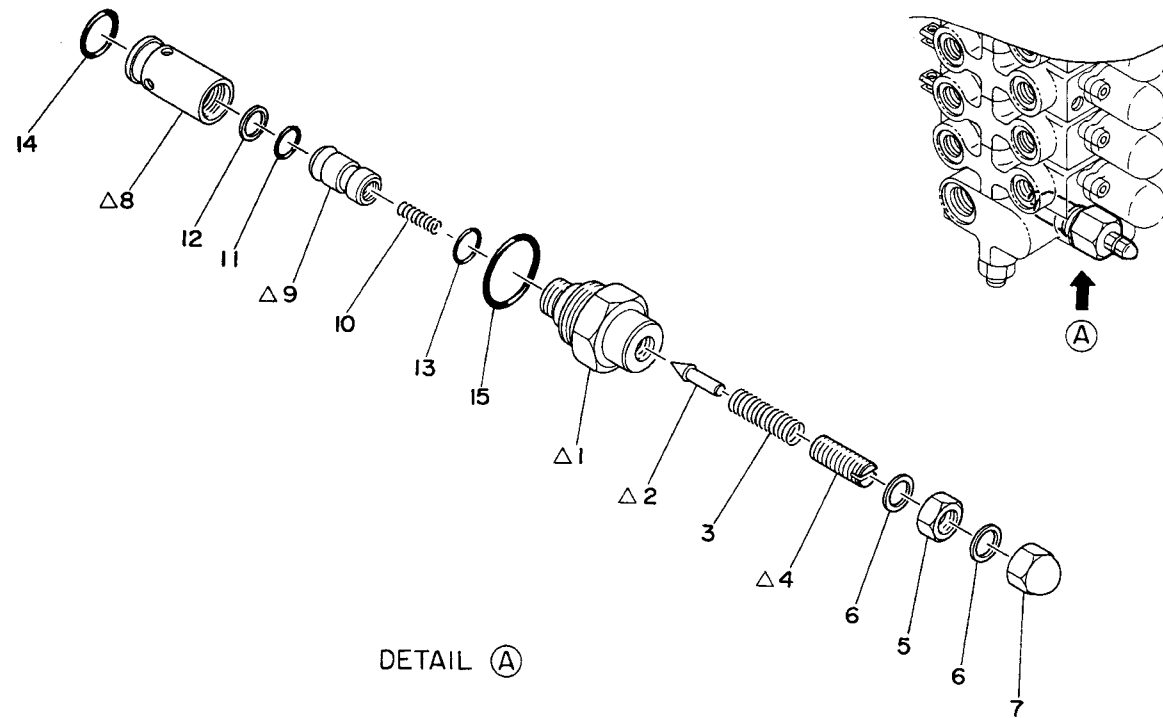


Fig. HP2 RELIEF VALVE ASS'Y (RT-15C)

KEY No.	PARTS No.	PARTS NAME	Q 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	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										

☆...Interchangeable.

☆...New parts can interchange 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)

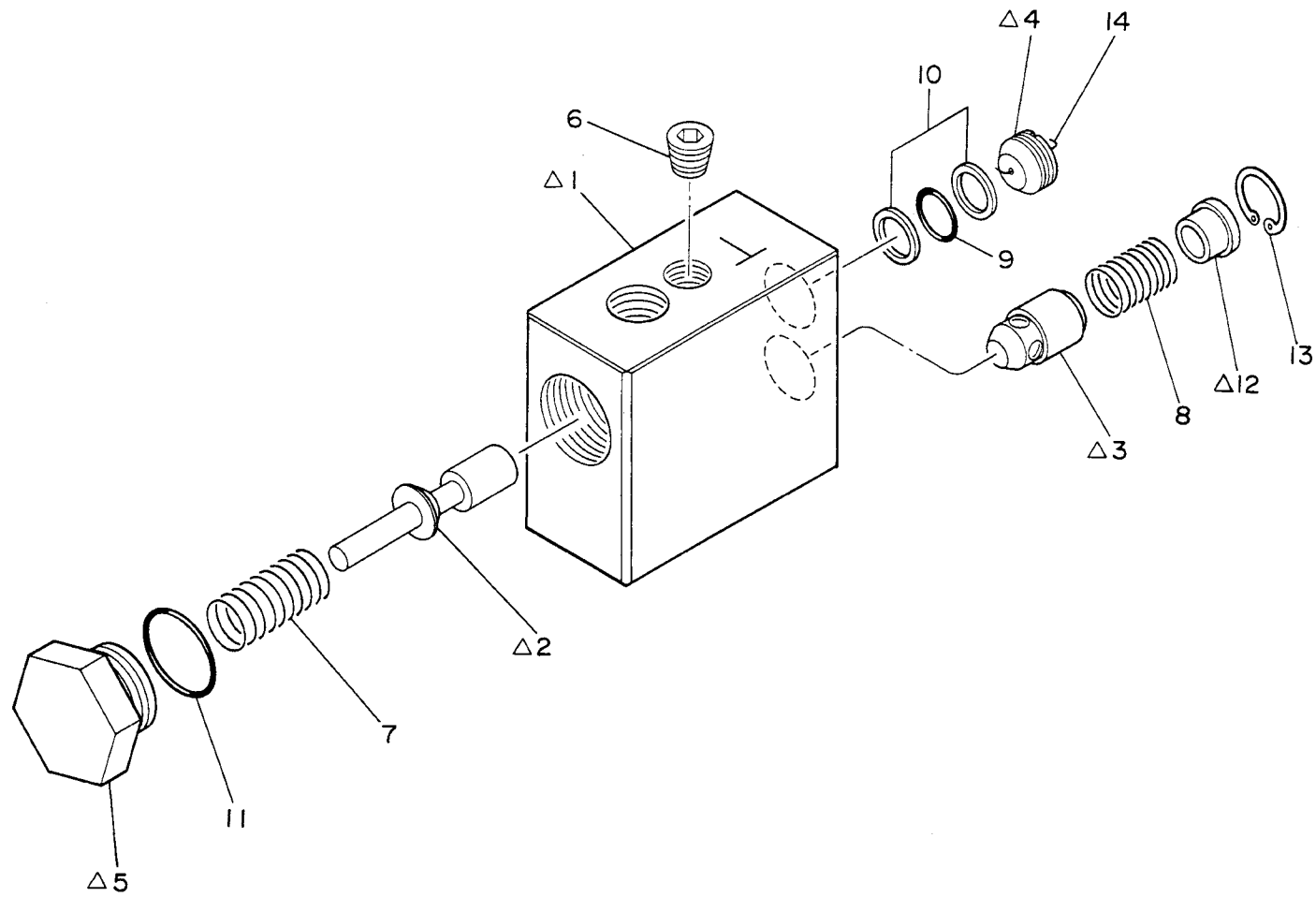


Fig.HP3 EXTENSION CYLINDER HOLDING VALVE ASS'Y (CB-03ET)

KEY No.	PARTS No.	PARTS NAME	Q 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			CB-03ET							
1	☆	Body	1	△									
2	☆	Spool	1	△									
3	☆	Valve-check	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										

☆...Interchangeable.

○...New parts can interchange 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)

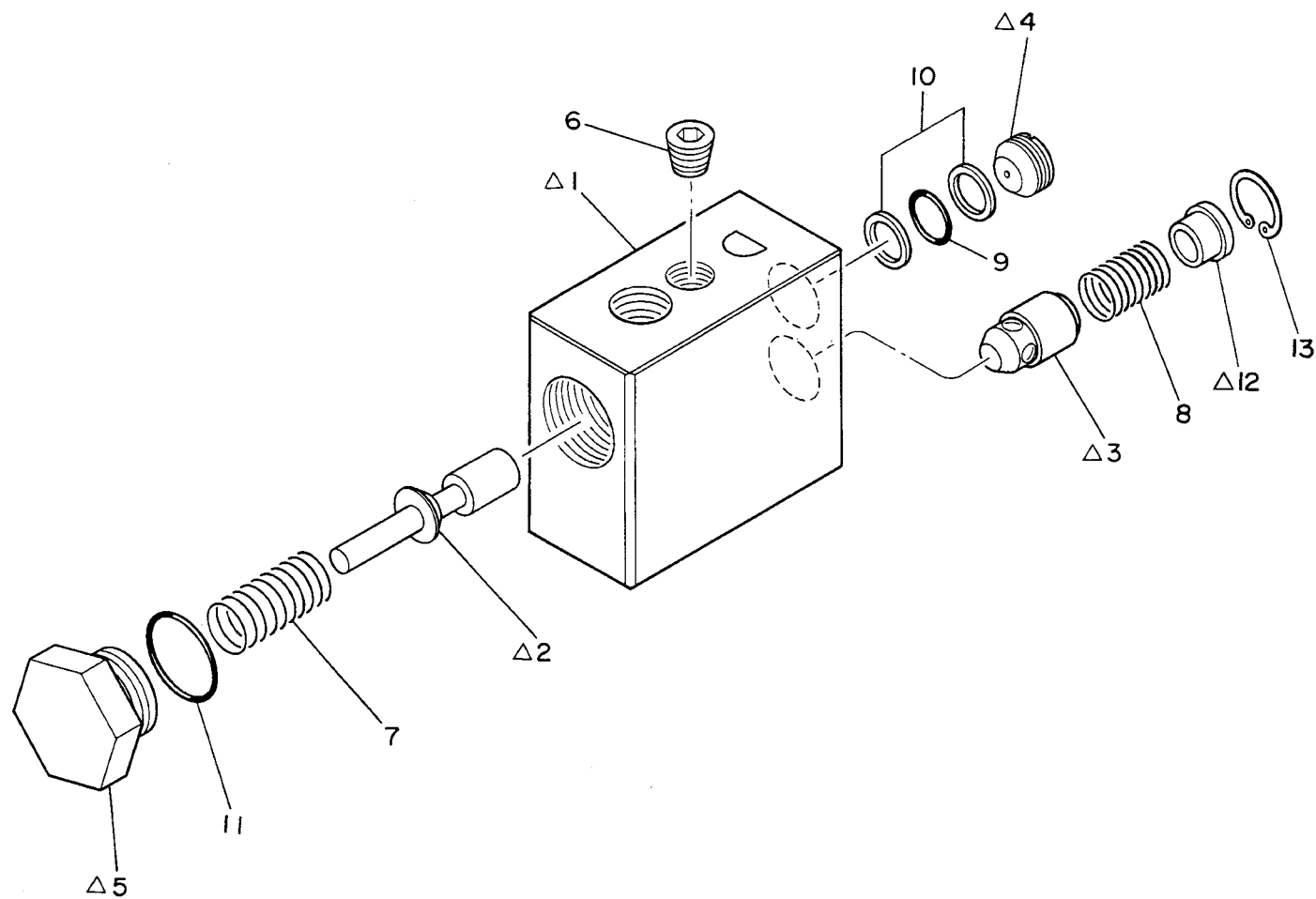


Fig.HP4 BOOM LIFT CYLINDER HOLDING VALVE ASS'Y (CB-03ED)

KEY No.	PARTS No.	PARTS NAME	Q 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
1~13	6014 74000	Boom lift cylinder holding valve Ass'y	1 set			CB-03ED							
1	☆	Body	1	△									
2	☆	Spool	1	△									
3	☆	Valve-check	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										

☆...Interchangeable.

☆...New parts can interchange of old parts, but not vice-versa.

△...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig.HP5 RETURN FILTER ASS'Y

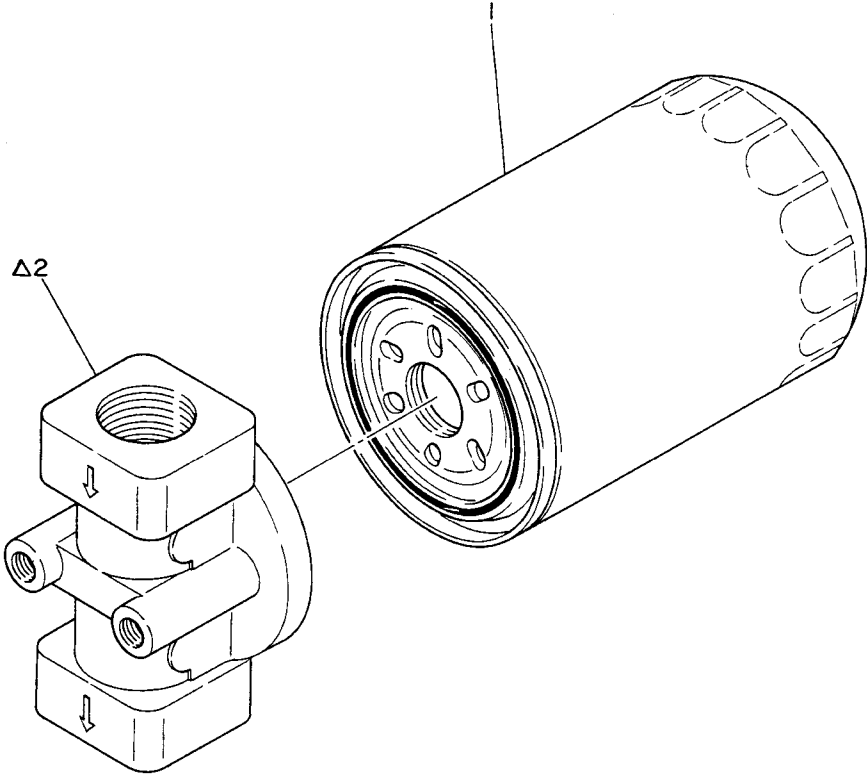


Fig. HP5 RETURN FILTER ASS'Y

KEY No.	PARTS No.	PARTS NAME	Q · 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	7405 80600	Return filter Ass'y	1 set										
1	7405 80204	Filter-cartridge	1										
2	☆	Head	1	△									

↔ ...Interchangeable.

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

✕ ...Not interchangeable.

△ ...Part not for sale.

D...Disuse.

Q...Quantity

Fig. HP6 OUTRIGGER CYLINDER HOLDING VALVE ASS'Y (CP-03F)

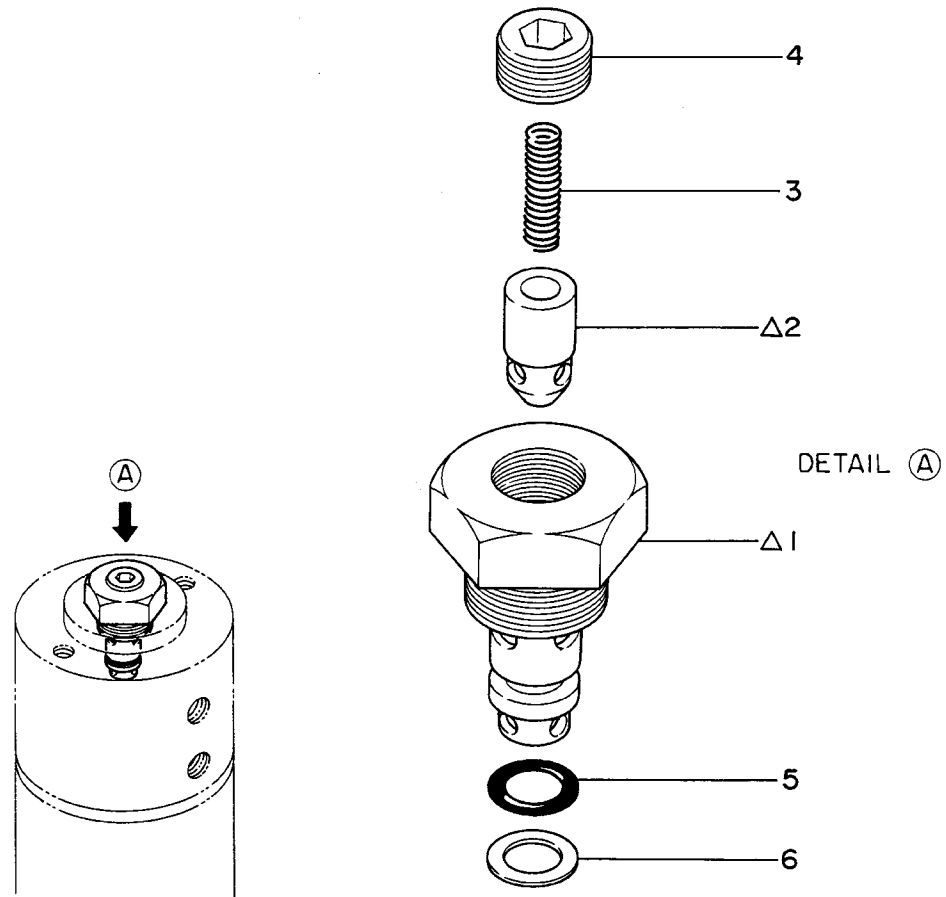


Fig. HP6 OUTRIGGER CYLINDER HOLDING VALVE ASS'Y (CP-03F)

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	Outrigger cylinder holding valve Ass'y	1 set			CP-03F							
1	☆	Seat-valve	1	△									
2	☆	Valve-check	1	△									
3	6013 09040	Spring	1										
4	7287 20300	Plug	1										
5	7311 71011	Ring-"O"	1										
6	7321 21011	Ring-back up	1										

☆...Interchangeable.

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

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

Fig. HP7 UNLOAD VALVE ASS'Y (ULV-04)

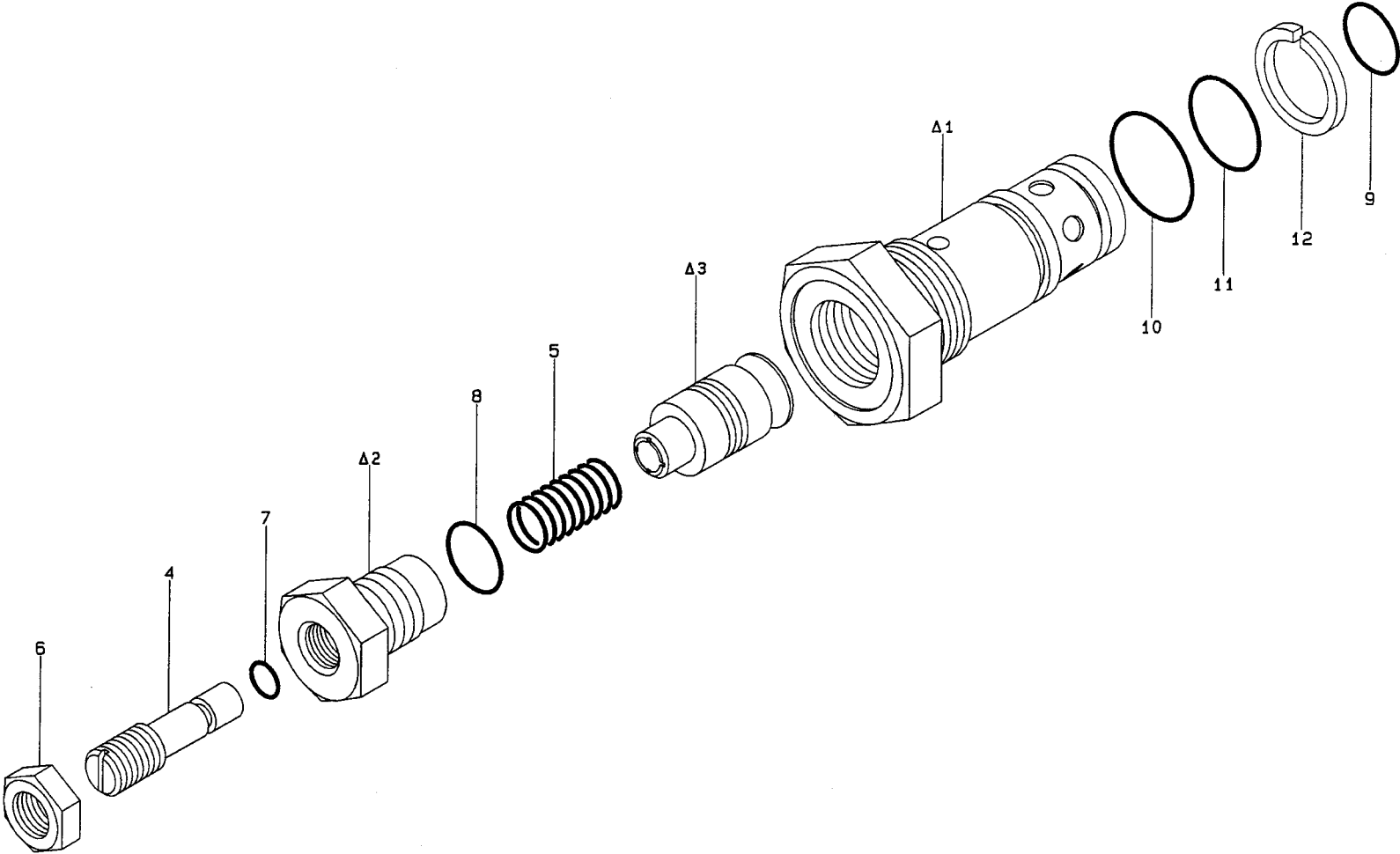


Fig. HP7 UNLOAD VALVE ASS'Y (ULV-04)

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
1~12	6019 98000	Unload valve Ass'y	1 set										
1	☆	Seat-valve	1	△									
2	☆	Cap	1	△									
3	☆	Valve-check	1	△									
4	6019 98040	Bolt set	1										
5	6018 82060	Spring	1										
6	7211 17120	Nut	1										
7	7311 91006	Ring- "O"	1										
8	7311 91018	Ring- "O"	1										
9	7311 91021	Ring- "O"	1										
10	7311 91029	Ring- "O"	1										
11	7701 70014	Ring- "O"	1										
12	7701 80045	Ring-back up	1										

☆...Interchangeable.

☆...New parts can interchange of old parts, but not vice-versa.

✕...Not interchangeable.

△...Part not for sale.

D...Disuse.

Q...Quantity

FURUKAWA UNIC Corporation