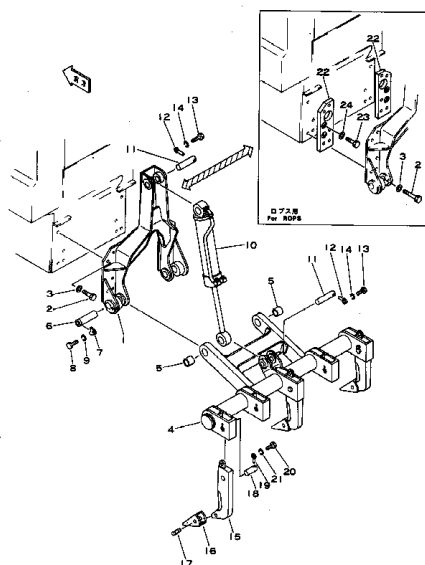


リッパ フレーム
Fig.101 RIPPER FRAME



Reference: 101

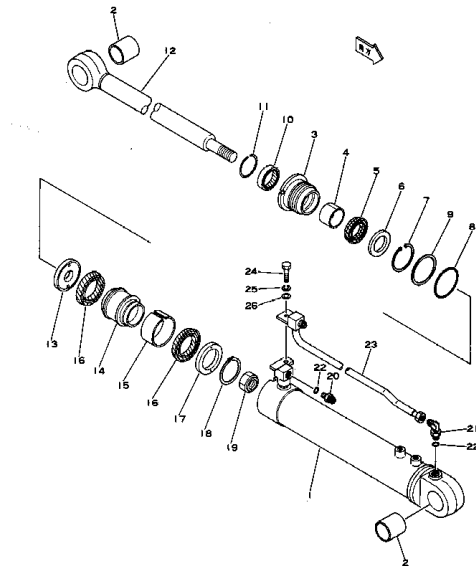
030010 RIPPER FRAME

Item	Part No.	Part Name	Qty	Options
1	113-78-21120	SUPPORT	1	SN: 2001-UP
2	01010-32050	BOLT	10	SN: 2001-UP
2	01010-32085	BOLT, (FOR ROPS)	10	SN: 2001-UP
3	01643-32060	WASHER	10	SN: 2001-UP
	113-78-00020	BEAM ASSEMBLY	1	SN: 2001-UP
4		• ☆ BEAM	1	SN: 2001-UP
5	113-78-21210	• BUSH	2	SN: 2001-UP
6	113-78-21190	PIN	2	SN: 2001-UP
7	114-72-21980	LOCK	2	SN: 2001-UP
8	01010-31435	BOLT	2	SN: 2001-UP
9	01602-01442	WASHER	2	SN: 2001-UP
10	113-63-42102	CYLINDER ASSEMBLY	1	SN: (28001)-UP
10	113-63-42101	□ CYLINDER ASSEMBLY	1	SN: 2001-(28000)
11	114-72-21850	PIN	2	SN: 2001-UP
12	114-72-21970	PIN	2	SN: 2001-UP
13	01010-31025	BOLT	2	SN: 2001-UP
14	01602-01030	WASHER	2	SN: 2001-UP
	113-78-00010	SHANK ASSEMBLY	3	SN: 2001-UP
15	113-78-21130	• SHANK	1	SN: 2001-UP
16	113-78-21140	• POINT	1	SN: 2001-UP
17	113-78-21170	• PIN	1	SN: 2001-UP
18	113-78-21180	PIN	3	SN: 2001-UP
19	114-72-21970	PIN	3	SN: 2001-UP
20	01010-31025	BOLT	3	SN: 2001-UP
21	01602-01030	WASHER	3	SN: 2001-UP
22	113-78-21220	SPACER, LEFT (FOR ROPS)	1	SN: 2001-UP
22	113-78-21230	SPACER, RIGHT (FOR ROPS)	1	SN: 2001-UP
23	01010-32045	BOLT, (FOR ROPS)	4	SN: 2001-UP
24	01643-32060	WASHER, (FOR ROPS)	4	SN: 2001-UP

Catalog signs: ☆ not supplied separately: assembly only □ part above may be used instead

Reference: 101

ハイドロリック シリンダ
Fig.111 HYDRAULIC CYLINDER



Reference: 111

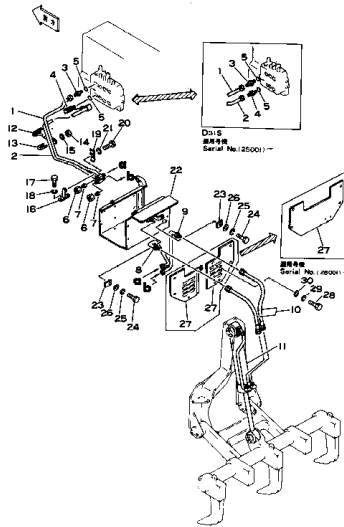
030020 HYDRAULIC CYLINDER

Item	Part No.	Part Name	Qty	Options
	113-63-42102	CYLINDER ASSEMBLY	1	SN: (28001)-UP
	113-63-42101	☐ CYLINDER ASSEMBLY	1	SN: 2001-(28000)
1	113-63-42140	• CYLINDER	1	SN: 2001-UP
2	113-63-42170	• BUSH	2	SN: 2001-UP
3	707-29-90120	• HEAD, CYLINDER	1	SN: (28001)-UP
3	114-63-54130	• HEAD, CYLINDER	1	SN: 2001-(28000)
4	07177-04025	• BUSH	1	SN: 2001-UP
5	236-63-11173	• PACKING	1	SN: 2001-UP
6	707-57-40011	• RETAINER	1	SN: (28001)-UP
6	10E-63-56270	• RETAINER	1	SN: 2001-(28000)
7	04065-06020	• LINK	1	SN: 2001-UP
8	07000-12095	• O RING	1	SN: 2001-UP
9	07001-02095	• LINK	1	SN: 2001-UP
10	07016-00407	• SEAL	1	SN: 2001-UP
11	07179-00059	• LINK	1	SN: 2001-UP
12	114-63-55120	• ROD	1	SN: 2001-UP
13	232-63-12480	• RETAINER	1	SN: 2001-UP
14	232-63-12471	• PISTON	1	SN: 2001-UP
15	07155-00925	• LINK	1	SN: 2001-UP
16	232-63-12451	• PACKING	2	SN: 2001-UP
17	232-63-12490	• RETAINER	1	SN: 2001-UP
18	112-63-79550	• LINK	1	SN: 2001-UP
19	07165-12729	• NAT	1	SN: 2001-UP
20	07230-10215	• UNION	1	SN: 2001-UP
21	07235-10315	• ERBO	1	SN: 2001-UP
22	07002-12034	• O RING	2	SN: 2001-UP
23	113-63-42190	• TUBE	1	SN: 2001-UP
24	01010-31025	• BOLT	1	SN: 2001-UP
25	01602-01030	• WASHER	1	SN: 2001-UP
26	01643-31032	• WASHER	1	SN: 2001-UP

Catalog signs: ☐ part above may be used instead

Reference: 111

ハイドロリック オイル パイピング
Fig. 121 HYDRAULIC OIL PIPING



Reference: 121

030030 HYDRAULIC OIL PIPING

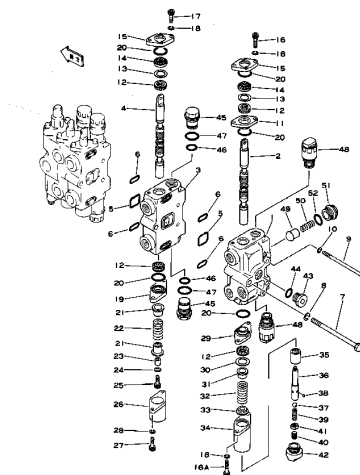
Item	Part No.	Part Name	Qty	Options
1	114-Z37-1121	TUBE, (D31A)	1	SN: (28001)-UP
1	114-Z37-1120	TUBE, (D31A)	1	SN: 2001-(28000)
1	11G-Z54-5111	TUBE, (D31S)	1	SN: (28001)-UP
1	11G-Z54-5110	TUBE, (D31S)	1	SN: 2001-(28000)
2	114-Z37-1111	TUBE, (D31A)	1	SN: (28001)-UP
2	114-Z37-1110	TUBE, (D31A)	1	SN: 2001-(28000)
2	11G-Z54-5121	TUBE, (D31S)	1	SN: (28001)-UP
2	11G-Z54-5120	TUBE, (D31S)	1	SN: 2001-(28000)
3	114-62-23110	NIPPLE	1	SN: 2001-UP
4	114-62-23120	TUBE, (D31A)	1	SN: 2001-UP
4	114-62-23110	NIPPLE, (D31S)	1	SN: 2001-UP
5	07002-12434	O RING	2	SN: 2001-UP
6	07221-20315	NAT	2	SN: 2001-UP
7	07222-00312	PLUG	2	SN: 2001-UP
8	113-78-22151	TUBE	1	SN: (28001)-UP
8	113-78-22150	TUBE	1	SN: 2001-(28000)
9	113-78-22111	TUBE	1	SN: (28001)-UP
9	113-78-22110	TUBE	1	SN: 2001-(28000)
10	07123-40306	HOSE	2	SN: 2001-UP
11	113-63-42102	CYLINDER ASSEMBLY	1	SN: (28001)-UP
11	113-63-42101	□ CYLINDER ASSEMBLY	1	SN: 2001-(28000)
12	11G-Z54-5210	BRACKET	1	SN: 2001-UP
13	07283-21529	CLIP	2	SN: 2001-UP
14	01598-00809	NAT	4	SN: 2001-UP
15	01643-30823	WASHER	4	SN: 2001-UP
16	11G-Z54-5220	BRACKET	1	SN: 2001-UP
17	01010-31030	BOLT	2	SN: 2001-UP
18	01602-01030	WASHER	2	SN: 2001-UP
19	07284-01540	CLIP	1	SN: 2001-UP
20	01010-30818	BOLT	1	SN: 2001-UP
21	01602-00825	WASHER	1	SN: 2001-UP
22	113-78-22160	BOX	1	SN: 2001-UP
23	11G-Z36-1130	PLATE	2	SN: 2001-UP
24	01010-30820	BOLT	2	SN: 2001-UP

Item	Part No.	Part Name	Qty	Options
25	01602-00825	WASHER	2	SN: 2001-UP
26	01643-30823	WASHER	2	SN: 2001-UP
27	113-78-22190	COVER	1	SN: (28001)-UP
27	113-78-22180	COVER, LEFT	1	SN: 2001-(28000)
27	113-78-22170	COVER, RIGHT	1	SN: 2001-(28000)
28	01010-31025	BOLT	1	SN: 2001-(28000)
29	01602-01030	WASHER	1	SN: 2001-(28000)
30	01643-31032	WASHER	1	SN: 2001-(28000)

Catalog signs: ☐ part above may be used instead

Reference: 121

Fig. 135 HYDRAULIC CONTROL VALVE(1/3)
(D31A Serial No. 2001~)



Reference: 135

030040 HYDRAULIC CONTROL VALVE (1/3) (D31A)

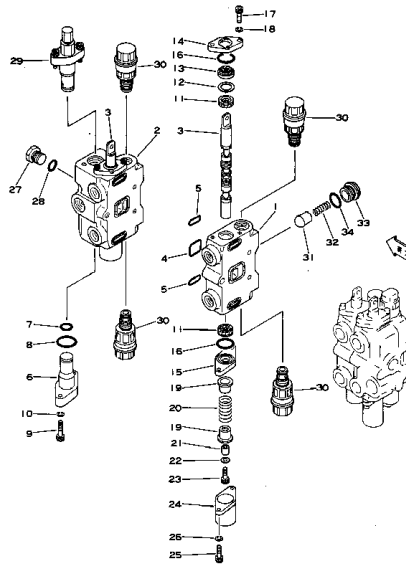
Item	Part No.	Part Name	Qty	Options
	700-84-16000	VALVE ASSEMBLY	1	SN: 2001-UP
1		• ☆ COVER	1	SN: (28001)-UP
1		• ☆ COVER	1	SN: 2001-(28000)
2		• ☆ SPOOL	1	SN: 2001-UP
3		• ☆ BLOCK	1	SN: 2001-UP
4		• ☆ SPOOL	1	SN: 2001-UP
5	07000-13050	• O RING	2	SN: 2001-UP
6	07000-03030	• O RING	4	SN: 2001-UP
7	700-84-11181	• BOLT	1	SN: 2001-UP
8	01602-01236	• WASHER	1	SN: 2001-UP
9	700-84-11171	• BOLT	2	SN: 2001-UP
10	01602-01030	• WASHER	2	SN: 2001-UP
11	700-82-11250	• PLATE	1	SN: 2001-UP
12	700-84-11231	• U PACKING	4	SN: 2001-UP
13	700-84-11290	• COLLAR	2	SN: 2001-UP
14	700-84-11820	• SEAL	2	SN: 2001-UP
15	700-84-11310	• PLATE	2	SN: 2001-UP
16	01252-40630	• BOLT	2	SN: (28001)-UP
16	01252-40630	• BOLT	4	SN: 2001-(28000)
16A	01252-40625	• BOLT	2	SN: (28001)-UP
17	01252-40620	• BOLT	2	SN: 2001-UP
18	01602-00619	• WASHER	6	SN: 2001-(28000)
19	700-84-11620	• PLATE	1	SN: 2001-UP
20	700-84-11240	• O RING	5	SN: 2001-UP
21	700-84-11630	• RETAINER	2	SN: 2001-UP
22	700-84-11650	• SPRING	1	SN: 2001-UP
23	700-84-11640	• COLLAR	1	SN: 2001-UP
24	01643-30823	• WASHER	1	SN: 2001-UP
25	01252-40830	• BOLT	1	SN: 2001-UP
26	700-84-11390	• COVER	1	SN: 2001-UP
27	01252-40625	• BOLT	2	SN: 2001-UP
28	01602-00619	• WASHER	2	SN: 2001-(28000)
29	700-82-11260	• PLATE	1	SN: 2001-UP
30	700-82-11270	• SPACER	1	SN: 2001-UP
31	700-82-11280	• RETAINER	1	SN: 2001-UP
32	700-84-11770	• SPRING	1	SN: 2001-UP
33	700-82-11290	• RETAINER	1	SN: 2001-UP
34	700-82-11310	• CASE	1	SN: 2001-UP
35	700-82-11320	• PLUG	1	SN: 2001-UP
36	700-82-11330	• PLUG	1	SN: 2001-UP
37	700-82-11340	• BALL	1	SN: 2001-UP
38	700-84-11730	• BALL	3	SN: 2001-UP
39	700-82-11380	• SPRING	1	SN: 2001-UP
40	700-82-11350	• SCREW	1	SN: 2001-UP
41	700-82-11360	• NAT	1	SN: 2001-UP
42	700-82-11370	• PLUG	1	SN: 2001-UP
43	700-22-11370	• PLUG	1	SN: (28001)-UP

Item	Part No.	Part Name	Qty	Options
43	07040-12412	• PLUG	1	SN: 2001-(28000)
44	07002-12434	• O RING	1	SN: 2001-UP
45	700-84-11340	• PLUG	2	SN: 2001-UP
46	700-80-61260	• O RING	2	SN: 2001-UP
47	07002-03034	• O RING	2	SN: 2001-UP
48	700-80-77000	• VALVE ASSEMBLY, SUCTION	2	SN: (28001)-UP
48	700-80-67000	• VALVE ASSEMBLY, SUCTION	2	SN: 2001-(28000)
49	700-42-31460	• VALVE	2	SN: 2001-UP
50	700-42-31470	• SPRING	2	SN: 2001-UP
51	700-84-11320	• PLUG	2	SN: 2001-UP
52	07002-13034	• O RING	2	SN: 2001-UP

Catalog signs: ☆ not supplied separately: assembly only

Reference: 135

Fig. 136 HYDRAULIC CONTROL VALVE(2/3)
(適用機種
D31ASerial No. 2001～)



Reference: 136

030050 HYDRAULIC CONTROL VALVE (2/3) (D31A)

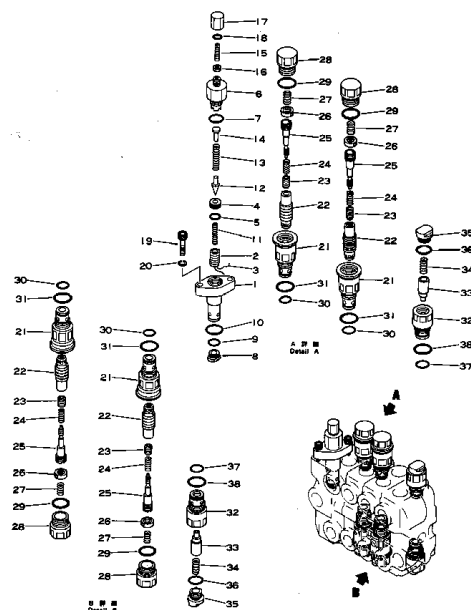
Item	Part No.	Part Name	Qty	Options
	700-84-16000	VALVE ASSEMBLY	1	SN: 2001-UP
1		• ☆ BLOCK	1	SN: 2001-UP
2		• ☆ BODY	1	SN: 2001-UP
3		• ☆ SPOOL	2	SN: 2001-UP
4	07000-13050	• O RING	1	SN: 2001-UP
5	07000-03030	• O RING	2	SN: 2001-UP
6	700-84-11940	• PLUG	1	SN: (28001)-UP
6	700-84-11190	• PLUG	1	SN: 2001-(28000)
7	700-13-31161	• O RING	1	SN: 2001-UP
8	07000-03032	• O RING	1	SN: 2001-UP
9	01252-41040	• BOLT	2	SN: 2001-UP
10	01602-01030	• WASHER	2	SN: 2001-(28000)
11	700-84-11231	• U PACKING	4	SN: 2001-UP
12	700-84-11290	• COLLAR	2	SN: 2001-UP
13	700-84-11820	• SEAL	2	SN: 2001-UP
14	700-84-11310	• PLATE	2	SN: 2001-UP
15	700-83-11620	• PLATE	2	SN: 2001-UP
16	700-84-11240	• O RING	4	SN: 2001-UP
17	01252-40260	• BOLT	4	SN: 2001-UP
18	01602-00619	• WASHER	4	SN: 2001-(28000)
19	700-84-11630	• RETAINER	4	SN: 2001-UP
20	700-84-11650	• SPRING	2	SN: 2001-UP
21	700-84-11640	• COLLAR	2	SN: 2001-UP
22	01643-30823	• WASHER	2	SN: 2001-UP
23	01252-40830	• BOLT	2	SN: 2001-UP
24	700-84-11390	• COVER	2	SN: 2001-UP
25	01252-40625	• BOLT	4	SN: 2001-UP
26	01602-00619	• WASHER	4	SN: 2001-(28000)
27	700-22-11370	• PLUG	1	SN: (28001)-UP
27	07040-12412	• PLUG	1	SN: 2001-(28000)
28	07002-12434	• O RING	1	SN: 2001-UP
29	700-80-56000	• VALVE ASSEMBLY, MAIN RELIEF	1	SN: (28001)-UP
29	700-80-51001	• VALVE ASSEMBLY, MAIN RELIEF	1	SN: 2001-(28000)
30	700-80-69002	• VALVE ASSEMBLY, SUCTION AND RELIEF	4	SN: (28001)-UP

Item	Part No.	Part Name	Qty	Options
30	700-80-69001	• VALVE ASSEMBLY, SUCTION AND RELIEF	4	SN: 2001-(28000)
31	700-42-31460	• VALVE	2	SN: 2001-UP
32	700-42-31470	• SPRING	2	SN: 2001-UP
33	700-84-11320	• PLUG	2	SN: 2001-UP
34	07002-13034	• O RING	2	SN: 2001-UP

Catalog signs: ☆ not supplied separately: assembly only

Reference: 136

Fig. 137 ハイドロリック コントロール バルブ
HYDRAULIC CONTROL VALVE (3/3)
(D31A Serial No. 2001-(28000))



Reference: 137

030060 HYDRAULIC CONTROL VALVE (3/3) (D31A)(#2001-(28000))

Item	Part No.	Part Name	Qty	Options
	700-84-16000	VALVE ASSEMBLY	1	SN: 2001-@
	700-80-51001	• VALVE ASSEMBLY, MAIN RELIEF	1	SN: 2001-(28000)
	700-80-00010	•• VALVE ASSEMBLY, RELIEF	1	SN: 2001-(28000)
1		••• ☆ SLEEVE	1	SN: 2001-(28000)
2		••• ☆ VALVE	1	SN: 2001-(28000)
3		••• ☆ WOW	1	SN: 2001-(28000)
4		••• ☆ SEAT	1	SN: 2001-(28000)
5	07000-22015	••• O RING	1	SN: 2001-(28000)
6		••• ☆ LINK	1	SN: 2001-(28000)
7	07002-02434	•• O RING	1	SN: 2001-@
8	700-10-51230	•• PLUG	1	SN: 2001-@
9	700-13-31161	•• O RING	1	SN: 2001-@
10	07000-03032	•• O RING	1	SN: 2001-@
11	700-10-51140	•• SPRING	1	SN: 2001-(28000)
12	701-30-51160	•• POTATO	1	SN: 2001-(28000)
13	700-80-51130	•• SPRING	1	SN: 2001-@
14	700-10-51181	•• RETAINER	1	SN: 2001-(28000)
15	700-10-51210	•• SCREW	1	SN: 2001-(28000)
16	01580-00605	•• NAT	1	SN: 2001-@
17	700-10-51220	•• COVER	1	SN: 2001-@
18	07002-01423	•• O RING	1	SN: 2001-@
19	01252-41040	•• BOLT	2	SN: 2001-@
20	01602-01030	•• WASHER	2	SN: 2001-(28000)
	700-80-69001	• VALVE ASSEMBLY, SUCTION AND RELIEF	4	SN: 2001-(28000)
21		•• ☆ SLEEVE	1	SN: 2001-(28000)
22		•• ☆ VALVE	1	SN: 2001-(28000)
23		•• ☆ POTATO	1	SN: 2001-(28000)
24		•• ☆ SPRING	1	SN: 2001-(28000)
25		•• ☆ PISTON	1	SN: 2001-(28000)
26		•• ☆ NAT	1	SN: 2001-(28000)
27	700-80-62250	•• SPRING	1	SN: 2001-(28000)
28	700-80-62190	•• PLUG	1	SN: 2001-(28000)
29	07002-13034	•• O RING	1	SN: 2001-(28000)
30	700-80-61260	•• O RING	1	SN: 2001-(28000)

Item	Part No.	Part Name	Qty	Options
31	07002-03034	•• O RING	1	SN: 2001-(28000)
	700-80-67000	• VALVE ASSEMBLY, SUCTION	2	SN: 2001-(28000)
32		•• ☆ SLEEVE	1	SN: 2001-(28000)
33		•• ☆ VALVE	1	SN: 2001-(28000)
34	700-80-62180	•• SPRING	1	SN: 2001-(28000)
35	700-80-63130	•• PLUG	1	SN: 2001-(28000)
36	07002-12434	•• O RING	1	SN: 2001-(28000)
37	700-80-61260	•• O RING	1	SN: 2001-(28000)
38	07000-03034	•• O RING	1	SN: 2001-(28000)

Catalog signs: ☆ not supplied separately: assembly only

Reference: 137

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