

0CS10-M47002EN

PREFACE

1. This parts catalog is the 2nd revised edition of Yanmar excavator (rubber crawler carrier) C30R-US (for U.S.A.).

2. Parts catalog history

	Parts catalog No.		Date of issue	Remarks
First edition	Vehicle	000Y00S4700	Jul. , 2005	No need
	Engine	000Y00B7360		
1st revised edition	Vehicle	000Y00S4701	Sep. , 2006	No need
	Engine	000Y00B7361		
2nd revised edition	Vehicle	OCS10-G47002	Apr. , 2009	
	Engine	OCB10-G72202		

3. Model name

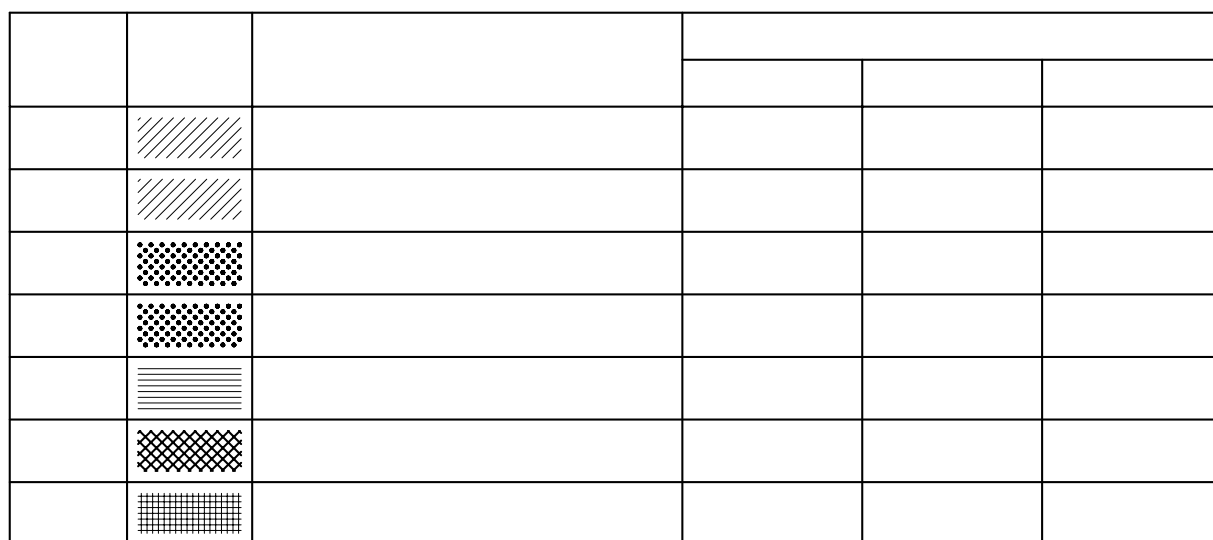
SECTION	Column	Model name	M / #	Manufactured
I (Vehicle)	A	C30R-US	00501~	2005/ 7~
II (Engine)	A	3TNV88-FFW	15674~	2005/ 6~

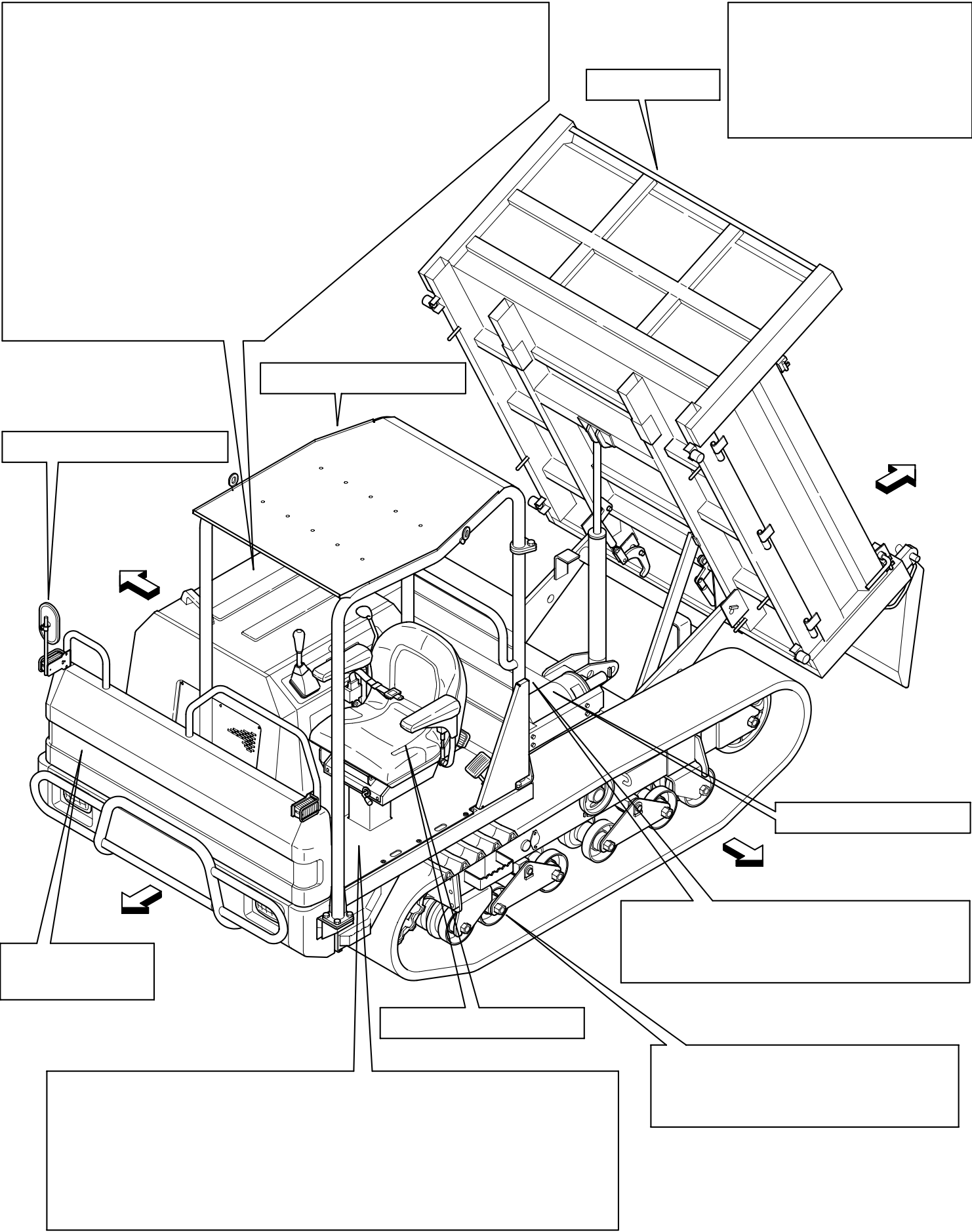
4. This parts catalog does not contain the technical data needed for maintenance service.

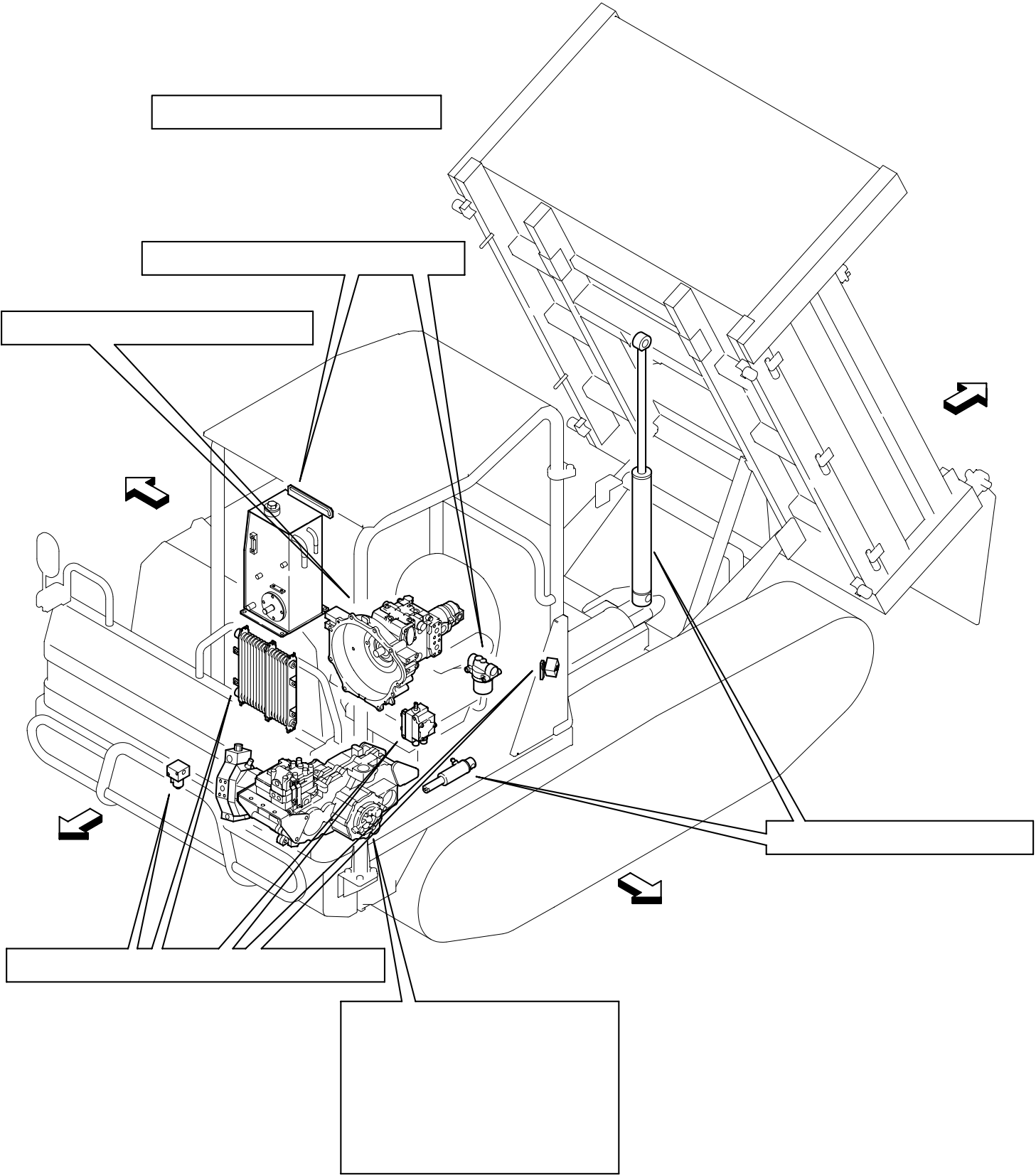
The illustrations used in this parts catalog have been simplified for clarity.

The contents of this parts catalog are subject to change without notice.

Be sure to use only Yanmar genuine parts for repairs. If imitation parts are used, it may cause engine defects.







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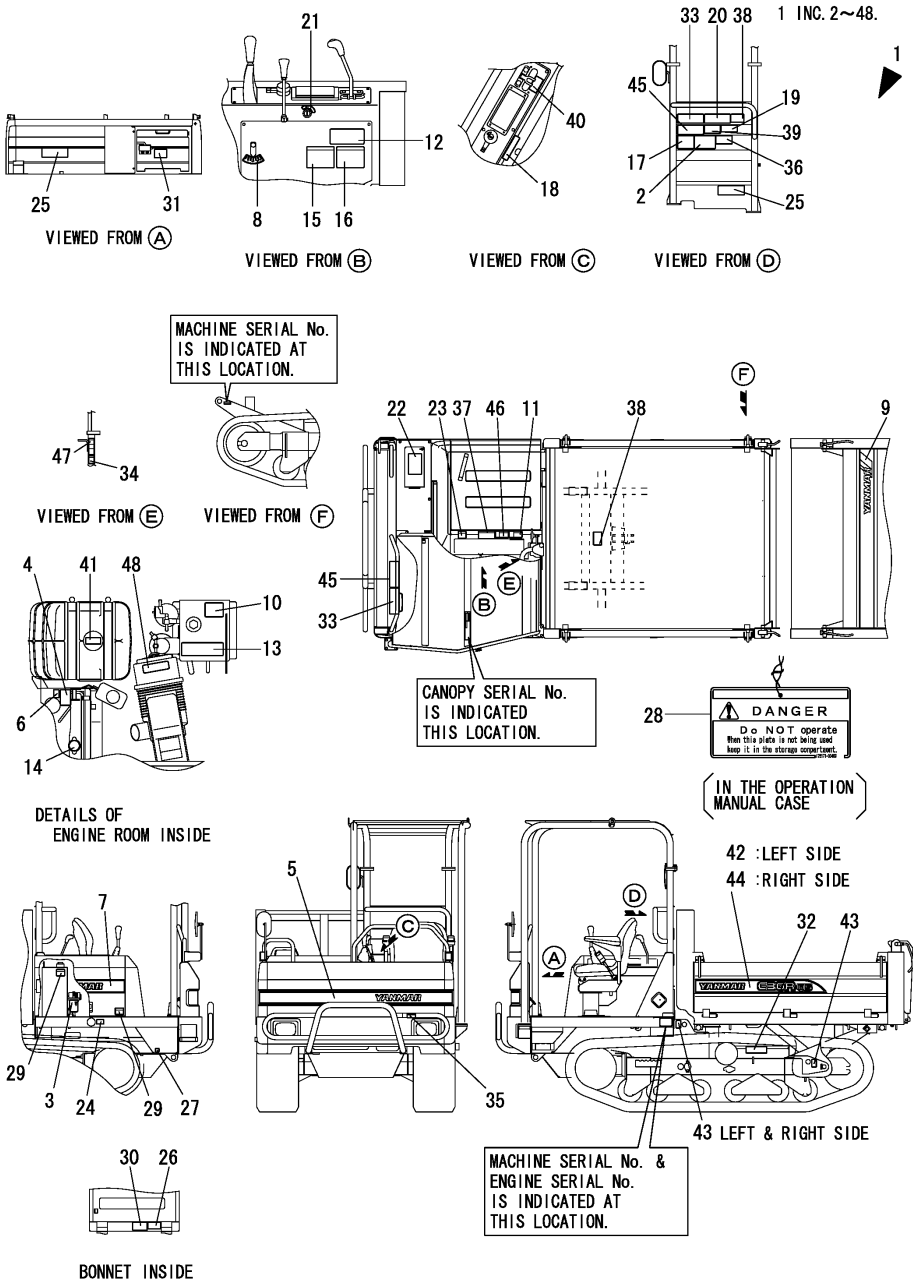
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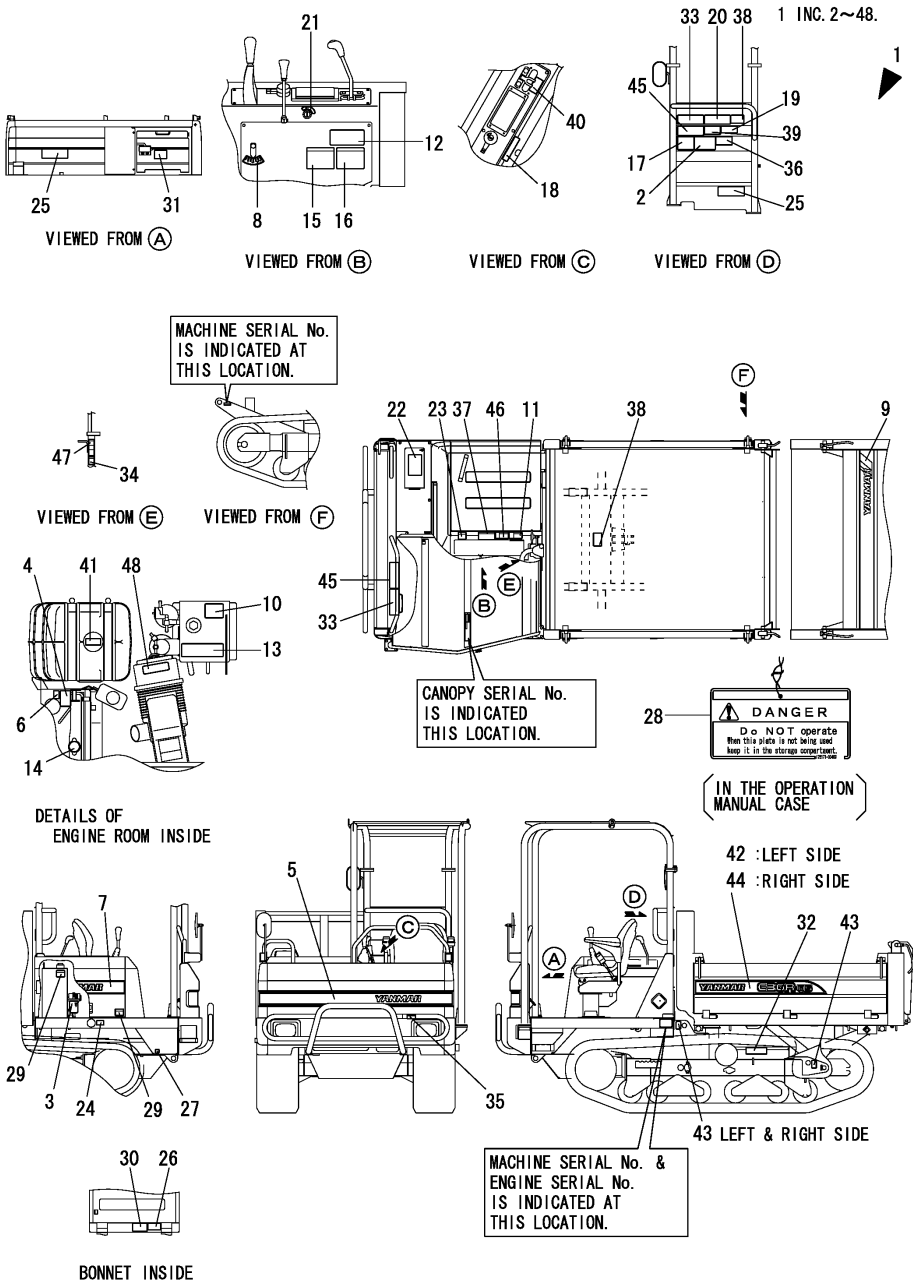
Fig. No.	Fig. Name
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Fig.1. LABEL



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172653-03150	LABEL KIT(C30R-US	1							
2	2	172472-03141	LABEL, SUPPORT US	1							
3	2	172A07-03160	LABEL	1							
4	2	172A38-03200	LABEL, SUB-TANK US	1							
4-1	2	172A38-03201	LABEL, SUB-TANK US	1							N
(A=M/#00501)											
5	2	172653-03200	LABEL,YANMAR	1							
6	2	172A38-03210	LABEL,ANTI-FREEZING	1							
6-1	2	172A38-03211	LABEL,ANTI-FREEZING	1							N
(A=M/#00501)											
7	2	172653-03210	LABEL,YANMAR	1							
8	2	172652-03220	LABEL,ANGEL	1							
9	2	172524-03271	LABEL	1							
9-1	2	172A55-03310	LABEL, BRAND 450	1							N
(A=M/#00514)											
10	2	172463-03290	LABEL,HYD.OIL US	1							
11	2	172437-03301	LABEL, MANUAL US	1							
11-1	2	172437-03302	LABEL, MANUAL US	1							N
(A=M/#00501)											
12	2	172653-03310	LABEL,SPECIFICATION	1							
13	2	172437-03322	LABEL, HYD.OIL TANK	1							
14	2	172462-03320	LABEL	1							
15	2	172653-03320	LABEL,OIL/WATER	1							
16	2	172653-03330	LABEL,GREASING US	1							
17	2	172437-03342	LABEL, TRANSPORT US	1							
17-1	2	172437-03343	LABEL, TRANSPORT US	1							N
(A=M/#00501)											
18	2	172653-03340	LABEL,CHANGE US	1							
19	2	172437-03352	LABEL, GREASE CYL.	1							
20	2	172653-03350	LABEL,LIFT US	1							
21	2	172141-03360	LABEL, START SWITCH	1							
22	2	172437-03361	LABEL, BATTERY US	1							
23	2	172653-03360	LABEL,STEERING US	1							
24	2	172653-03370	LABEL,DRAIN US	1							
25	2	172653-03380	LABEL,OPERATION US	2							
26	2	172437-03391	LABEL, RADIATOR US	1							
27	2	172653-03390	LABEL,DRAIN US	1							
28	2	172171-03400	TAG ASSY, CAUTION	1							
28-1	2	172437-03252	TAG ASSY, CAUTION	1							N
(A=M/#00528)											
29	2	172437-03402	LABEL, ENG,COVER US	2							
30	2	172A36-03411	LABEL, ENG ROOM	1							
31	2	172653-03410	LABEL,FUSE US	1							
32	2	172437-03422	LABEL, MUFFLER US	1							
33	2	172653-03430	LABEL,PK BRAKE US	2							
34	2	172437-03441	LABEL, ROPS US	1							
35	2	172653-03440	LABEL,BUMPER US	1							
36	2	172653-03450	LABEL,PLACES US	1							
37	2	172653-03460	LABEL,NEUTRAL US	1							
38	2	172653-03470	LABEL,WAGON US	2							
39	2	172653-03480	LABEL,SLOPE US	1							

Fig.1. LABEL



(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
40	2	172653-03490	LABEL,LEVER US	1							
41	2	172437-03501	LABEL, FUEL US	1							
42	2	172653-03500	LABEL MODEL,L US	1							
43	2	172437-03511	LABEL, HOOK US	3							
44	2	172653-03510	LABEL MODEL,R US	1							
45	2	172653-03520	LABEL,BRAKE US	2							
46	2	172652-03661	LABEL,CAUTION-OPE.US	1							
47	2	172652-03681	LABEL, SEAT BELT US	1							
48	2	172125-03951	LABEL, AIR CLEANER	1							

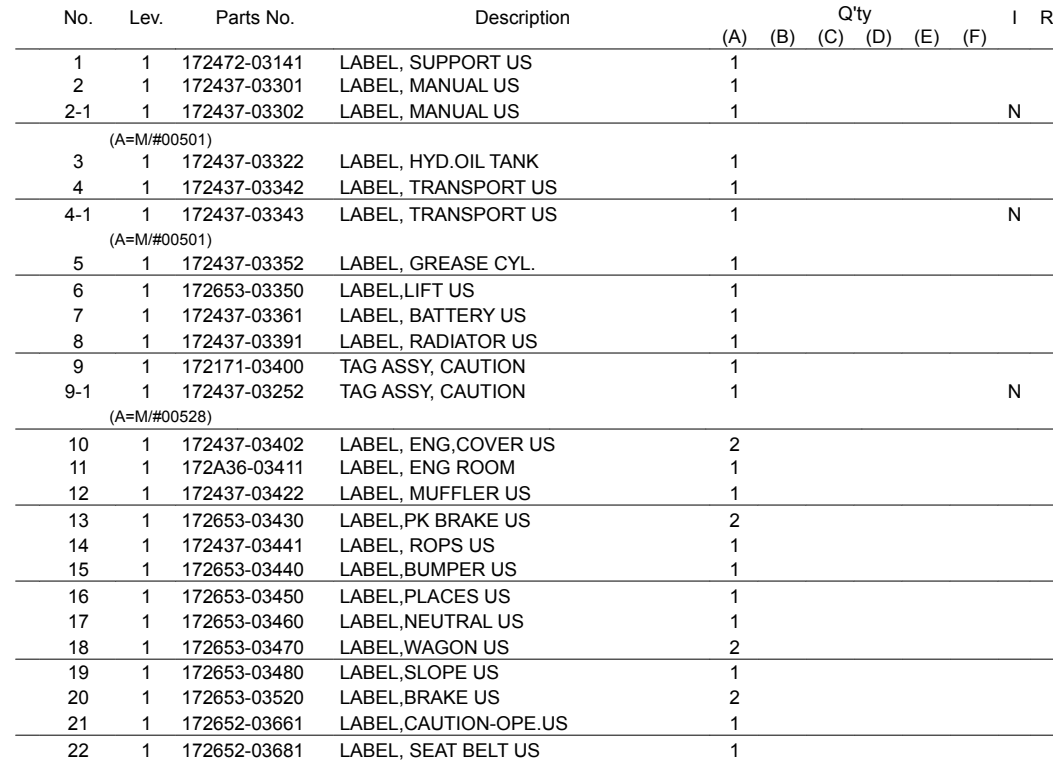
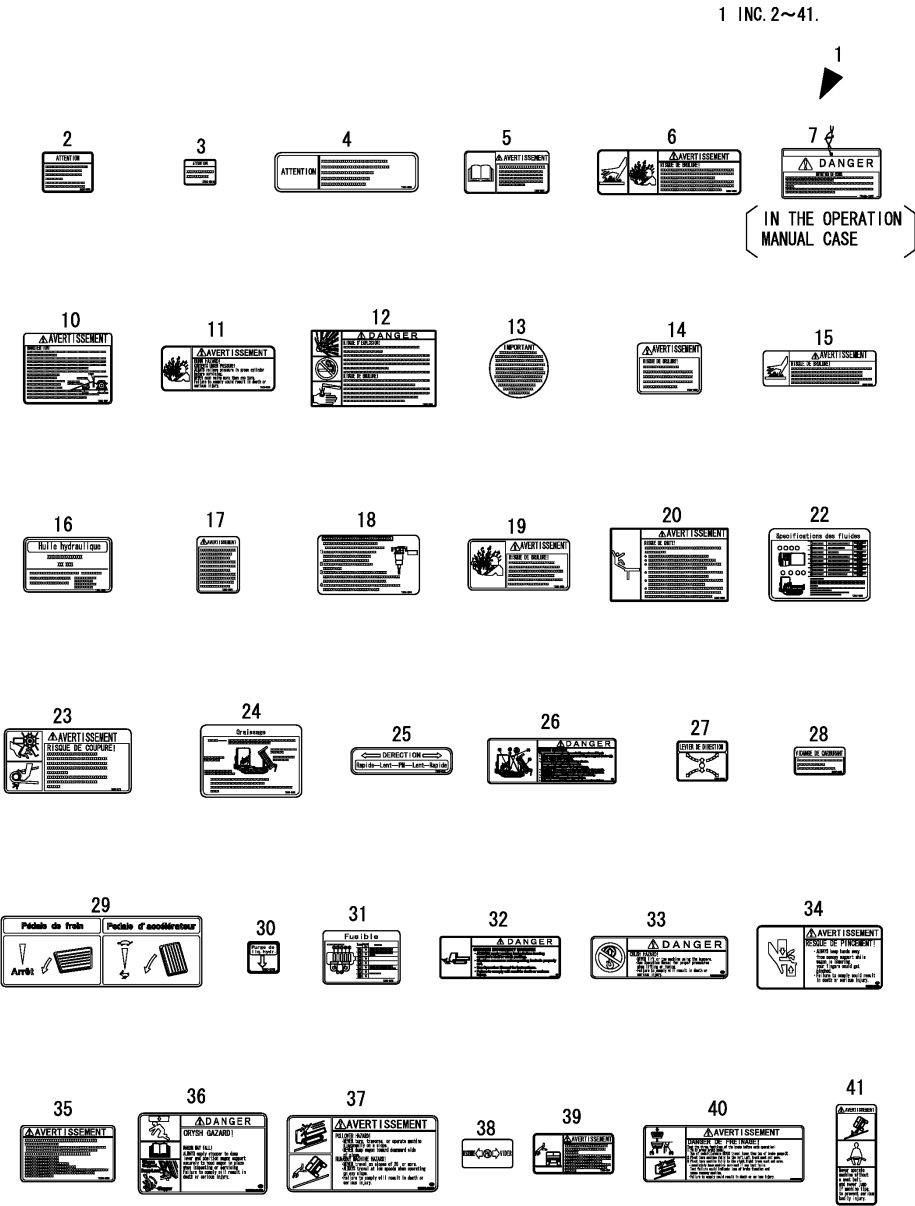


Fig.51. (2A)LABEL(FRANCH FOR CANADA)

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

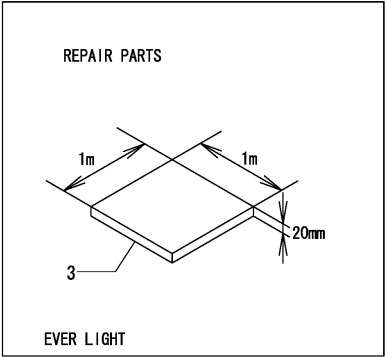
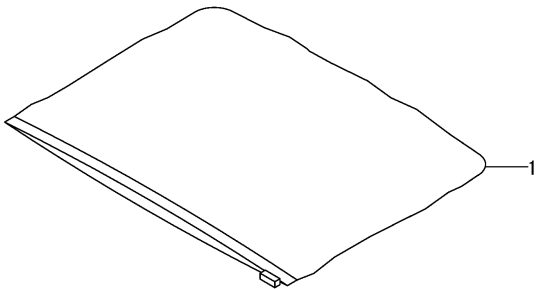
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172653-03010	CA LABEL KIT,C30R-US	1							
2	2	172A37-03150	LABEL,SUB-TANK CA	1							
3	2	172A37-03160	LABEL,ANTI-FREEZE CA	1							
4	2	172A37-03180	LABEL J, AIR CLEANER	1							
5	2	172A37-03231	LABEL,MANUAL CA.	1							
6	2	172A37-03250	LABEL,RESERVOIR CA	1							
7	2	172469-03261	TAG ASSY, SERVICING	1							
10	2	172A37-03271	LABEL,TRANSPORT CA.	1							
11	2	172A37-03280	LABEL,GREASE CYL CA	1							
12	2	172A37-03290	LABEL,BATTERY CA	1							
13	2	172469-03320	LABEL,RADIATOR CAP	1							
14	2	172A37-03330	LABEL,ENGINE COVER	2							
15	2	172A37-03350	LABEL,SILENCER CA	1							
16	2	172469-03360	LABEL,OIL	1							
17	2	172A37-03370	LABEL,ROPS CA	1							
18	2	172A07-03410	LABEL,WATER DRAIN	1							
19	2	172A37-03410	LABEL,RADIATOR CA	1							
20	2	172A37-03500	LABEL,SUPPORT CA	1							
22	2	172653-03710	LABEL,OIL/WATER	1							
23	2	172A37-03710	LABEL,ENGROOM CA	1							
24	2	172653-03720	LABEL,GREASING CA	1							
25	2	172653-03730	LABEL,CHANGE CA	1							
26	2	172653-03740	LABEL,LIFT CA	1							
27	2	172653-03750	LABEL,STEERING CA	1							
28	2	172653-03760	LABEL,DRAIN CA	1							
29	2	172653-03770	LAVEL,OPERATION CA	2							
30	2	172653-03780	LABEL,DRAIN CA	1							
31	2	172653-03790	LABEL,FUSE CA	1							
32	2	172653-03800	LABEL,PK BRAKE CA	2							
33	2	172653-03810	LABEL,BUMPER CA	1							
34	2	172653-03820	LABEL,PLACES CA	1							
35	2	172653-03830	LABEL,NEUTRAL CA	1							
36	2	172653-03840	LABEL,WAGON CA	2							
37	2	172653-03850	LABEL,SLOPE CA	1							
38	2	172653-03860	LABEL,LEVER CA	1							
39	2	172652-03871	LABEL,OPERATION CA	1							
40	2	172653-03870	LABEL,BRAKE CA	2							
41	2	172652-03891	LABEL,SEAT BELT CA	1							



(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172176-07330	BAG, MANUAL	1							
1-1	1	172469-07330	CASE, MANUAL	1						N	
(A=MXXX)											
3	1	172478-65750	SPONGE	1							1



Remarks
(1)REPAIR PARTS

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194630-64110	HEAD, MIRROR	2							

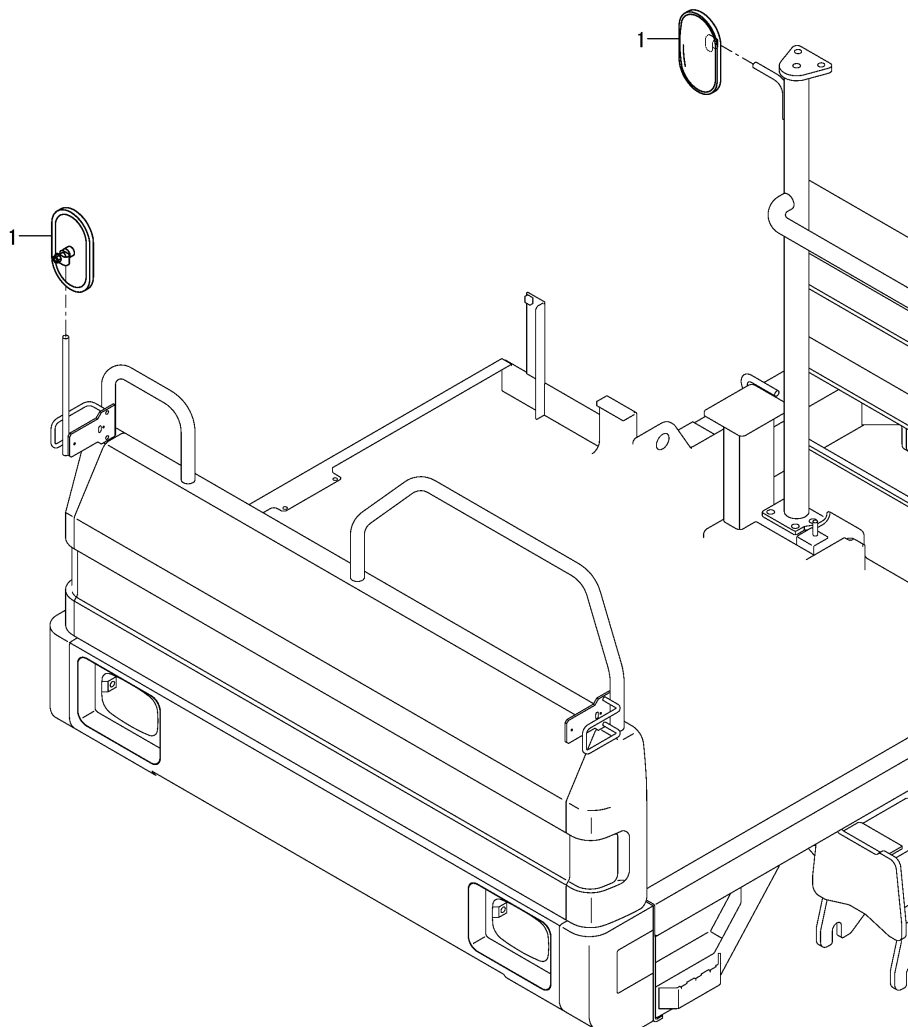
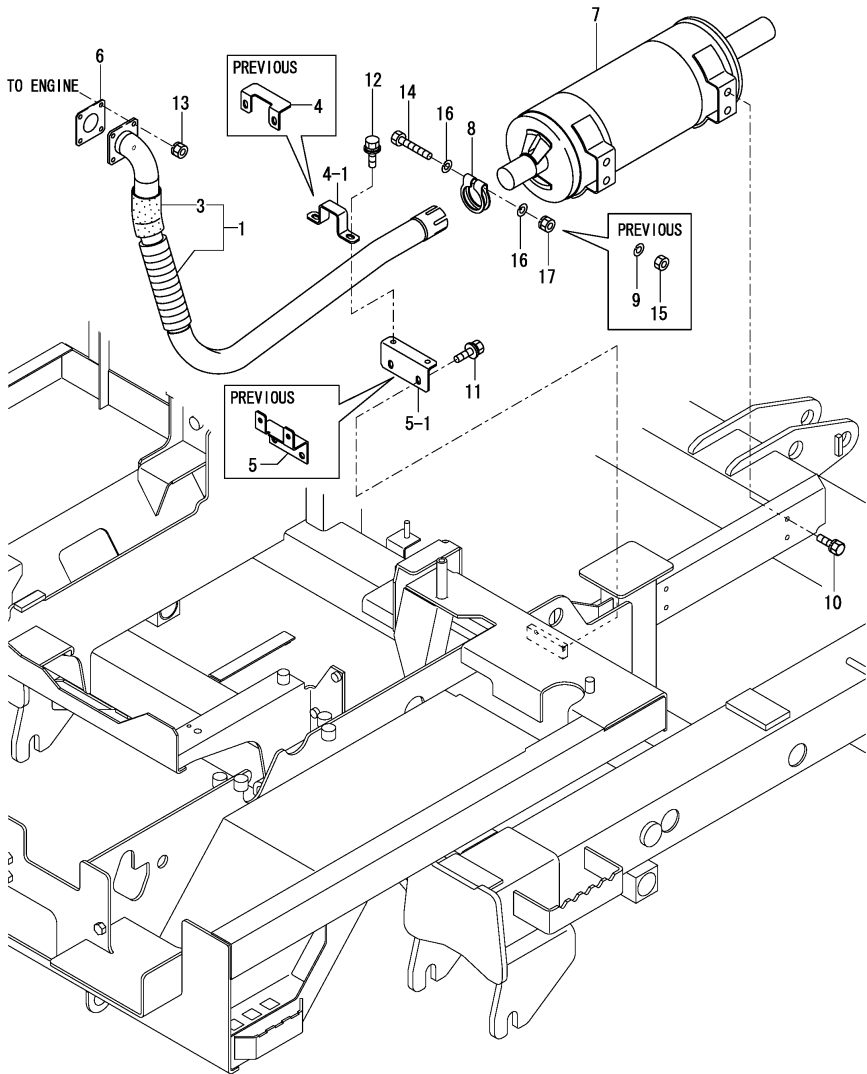


Fig.5. EXHAUST PIPE



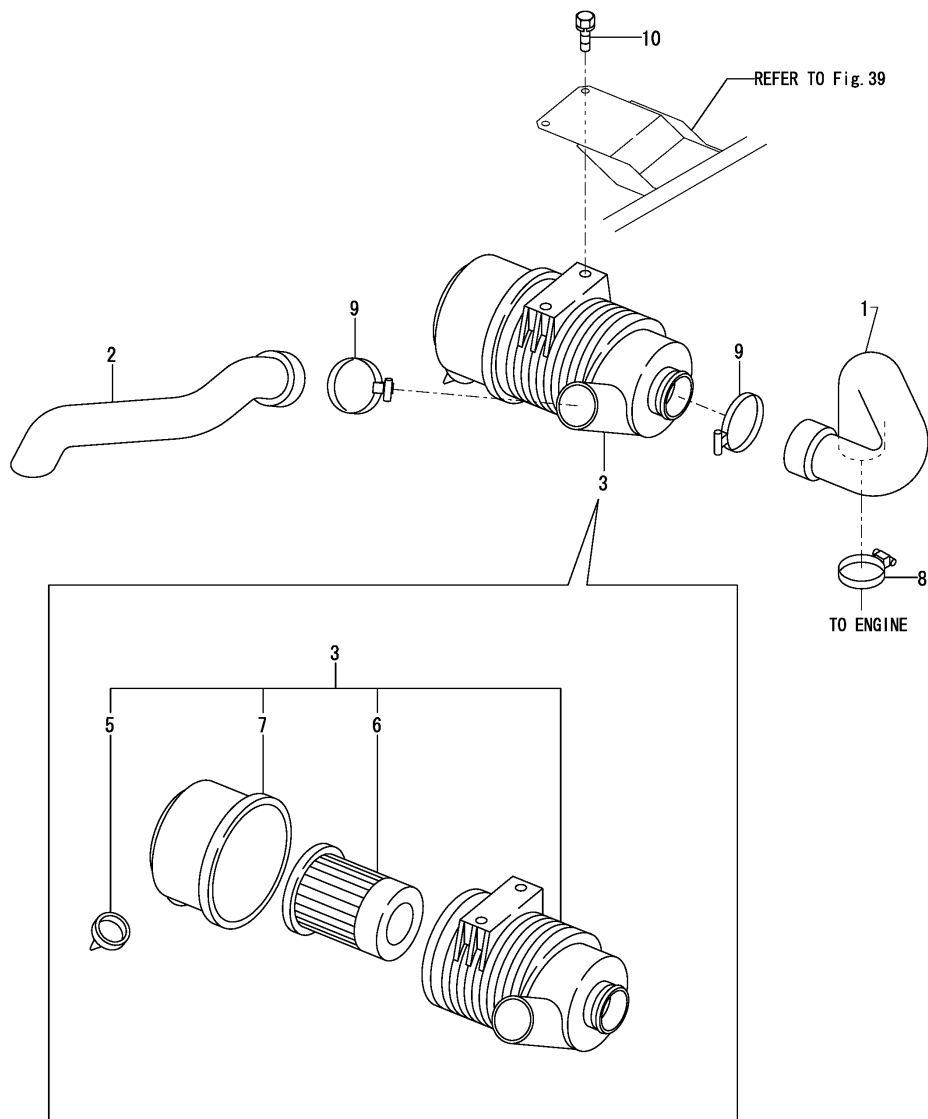
(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172649-11300	TUBE, EXHAUST	1							
3	2	172649-11360	MAT	1							
4	1	172653-11360	BAND	1							
4-1	1	172653-11361	BAND	1						F	1
(A=M/#00514)											
5	1	172653-11370	PLATE ASSY	1							
5-1	1	172653-11371	PLATE ASSY	1						N	
(A=M/#00514)											
6	1	124701-11911	GASKET, SILENCER	1							
7	1	129030-13550	SILENCER	1							
8	1	121120-13580	CLAMP	1							
9	1	22217-100000	WASHER, SPRING 10	2						Z	
(A=MXXX)											
10	1	26013-080202	BOLT, M8X 20	4							
11	1	26014-080162	BOLT, M8X 16	2							
12	1	26014-080162	BOLT, M8X 16	2							
13	1	26051-080002	NUT, M8	4							
14	1	26116-100602	BOLT, M10X 60 PLATED	1							
14-1	1	26116-100652	BOLT, M10X 65 PLATED	1						N	
(A=MXXX)											
15	1	26716-100002	NUT, M10	1						Z	
(A=MXXX)											
16	1	22137-100000	WASHER, 10	2						W	
(A=MXXX)											
17	1	26051-100002	NUT, M10	1						W	
(A=MXXX)											

Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.5-1.

Fig.6. SUCTION PIPE



No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172653-11510	HOSE, AIR INTAKE	1					
2	1	172653-11520	HOSE,AIR INTAKE	1					
3	1	172649-11551	CLEANER ASSY,AIR	1					
5	2	119808-12540	VALVE, UNLOADER	1					
6	2	129062-12560	ELEMENT	1					
7	2	129062-12570	COVER-ASSY	1					
8	1	23000-070000	CLAMP, 70	1					
9	1	23000-080000	CLAMP, 80	2					
10	1	26013-080202	BOLT. M8X 20	2					

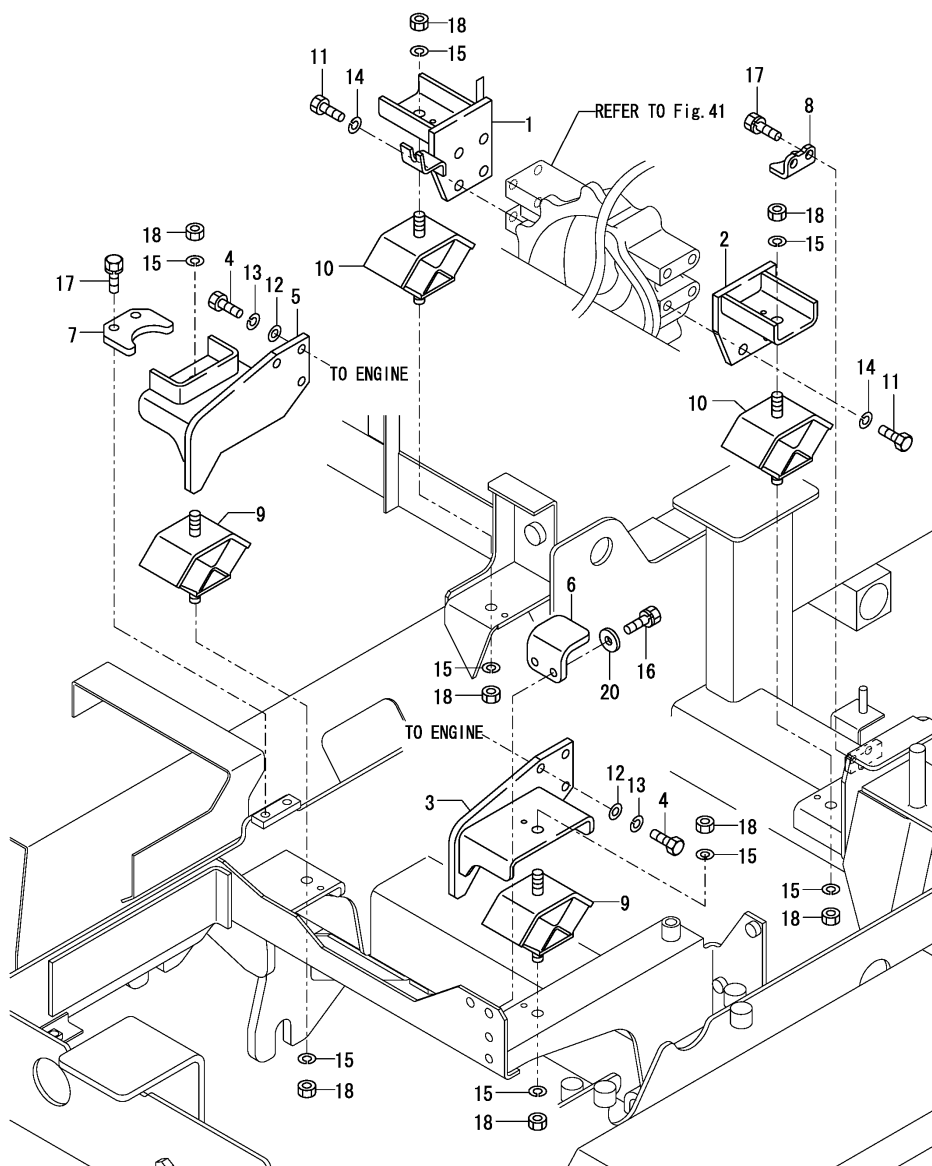
Fig.7. FOOT ACCELERATOR

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

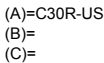
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172649-12300	CABLE, ACCELERATOR	1							
2	1	172653-12310	PEDAL F ASSY, ACCEL.	1							
4	2	24550-014150	BUSH, 14X15	2							
5	1	172649-12390	PEDAL PAD	2							
6	1	172649-12400	LINK ACCELERATOR	1							
6-1	1	172649-12401	LINK ACCELERATOR	1							N
(A=M/#00514)											
8	2	24550-014150	BUSH, 14X15	2							
9	1	172649-12480	ROLLER	1							
11	2	24550-010200	BUSH, 10X20	1							
12	1	172649-12510	ROD ACCELERATOR	1							
13	1	172113-12522	PIN	1							
14	1	172649-12530	ROD 125	1							
15	1	172649-12551	BRACKET	1							
16	1	172653-12600	PEDAL R ASSY,ACCELE	1							
18	2	24550-014150	BUSH, 14X15	2							
19	1	194990-20170	NUT, M8	1							
20	1	195412-33280	TURNBUCKLE	1							
21	1	1E6460-42771	SPRING, SWING FIN	2							
22	1	1C6281-52310	PIN, SNAP 6	2							
23	1	1E8100-63750	SPRING, 1.6X16X55	1							
24	1	22137-060000	WASHER, 6	2							
25	1	22137-080000	WASHER, 8	1							
26	1	22137-100000	WASHER, 10	2							
27	1	22137-140000	WASHER, 14	2							
28	1	22137-140000	WASHER, 14	1							
29	1	22217-100000	WASHER, SPRING 10	1							
30	1	22242-000140	RING, 14	4							
31	1	22242-000140	RING, 14	1							
32	1	22417-200200	PIN, COTTER 2.0X20	2							
33	1	22417-200200	PIN, COTTER 2.0X20	2							
34	1	26013-100202	BOLT, M10X 20	1							
35	1	26116-080452	BOLT, M8X 45 PLATED	1							
36	1	26116-080554	BOLT, M8X 55 PLATED	2							
36-1	1	26116-080604	BOLT, M8X 60 PLATED	2							N
(A=M/#00514)											
36-2	1	26116-080654	BOLT, M8X 65 PLATED	2							N
(A=MXXX)											
37	1	26116-100354	BOLT, M10X 35 PLATED	1							
38	1	26716-080002	NUT, M8	1							
39	1	26716-080002	NUT, M8	2							
40	1	26716-080002	NUT, M8	1							
41	1	26716-100002	NUT, M10	1							
42	1	933171-21700	PIN (B), SPOOL LINK	2							

Fig.8. ENGINE MOUNT



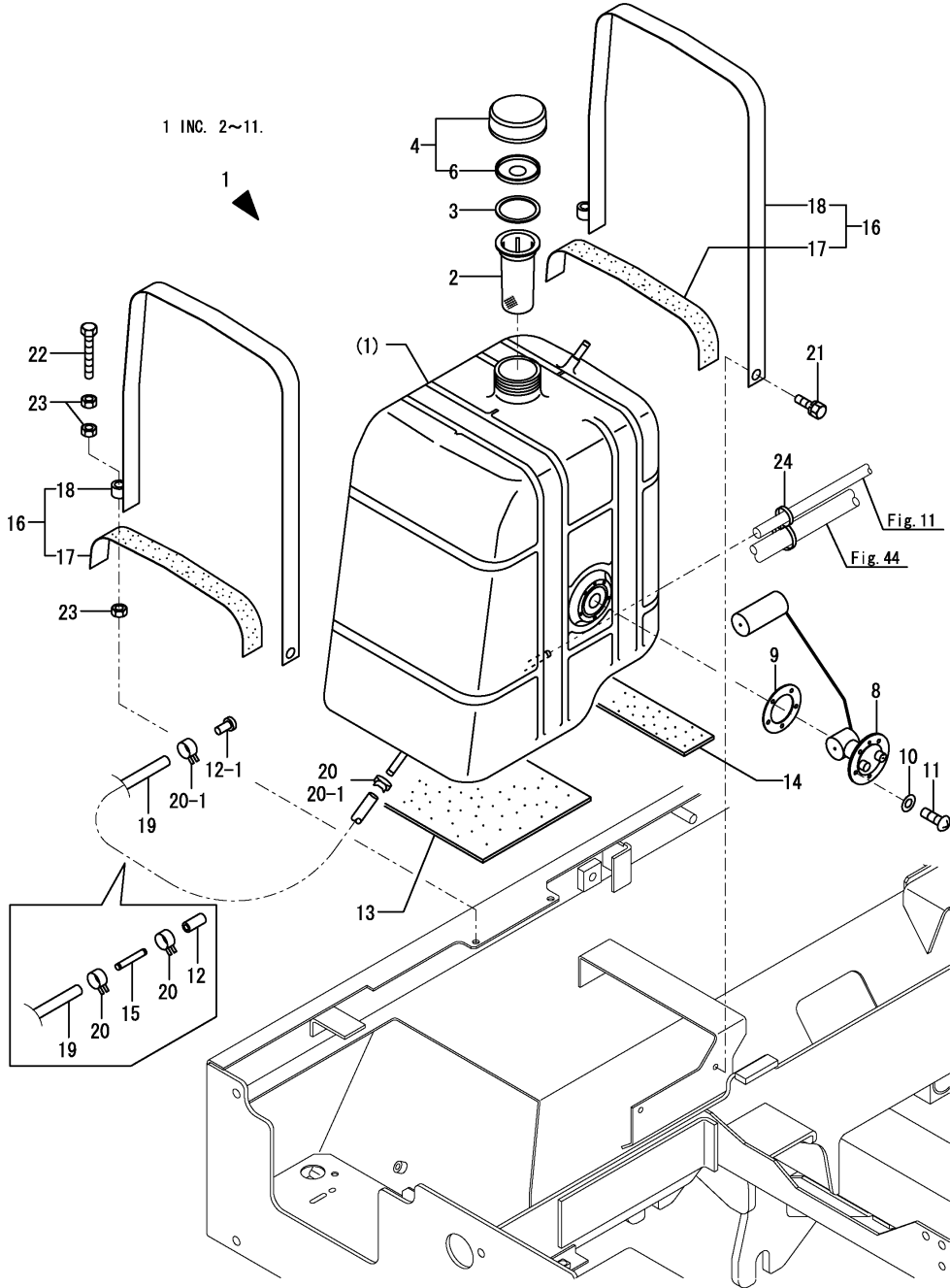
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172653-13100-2	MOUNT A(R) (72)	1							
1-1	1	172653-13100-1	MOUNT A(R) (49)	1							S
(A=M/#00514)											
2	1	172649-13150	MOUNT A(L)	1							
2-1	1	172649-13150-1	MOUNT A(L) (49)	1							S
(A=M/#00514)											
3	1	172649-13171	MOUNT B(L ASSY (72)	1							
3-1	1	172649-13171-1	MOUNT B(L ASSY (49)	1							S
(A=M/#00514)											
4	1	172162-13200	BOLT M10X30	6							
5	1	172649-13201	MOUNT B(R ASSY (72)	1							
5-1	1	172649-13201-1	MOUNT B(R ASSY (49)	1							S
(A=M/#00514)											
6	1	172649-13220	STOPPER	1							
6-1	1	172649-13220-1	STOPPER	1							S
(A=M/#00514)											
7	1	172649-13230	STOPPER	1							
7-1	1	172649-13230-1	STOPPER	1							S
(A=M/#00514)											
8	1	172653-13240	STOPPER	1							
9	1	172649-13260	ABSORBER 180	2							
10	1	172649-13270	ABSORBER 230	2							
11	1	172131-37170	BOLT M12X 30	8							
12	1	172137-46040	SEAT, SPRING	6							
12-1	1	172137-46041	SEAT, SPRING	6							N
(A=MXXX)											
12-2	1	172137-46042	SEAT, SPRING	6							N
(A=MXXX)											
13	1	22217-100000	WASHER, SPRING 10	6							
14	1	22217-120000	WASHER, SPRING 12	8							
15	1	22217-120000	WASHER, SPRING 12	8							
16	1	26013-100162	BOLT, M10X 16	2							
16-1	1	26013-100202	BOLT, M10X 20	2							N
(A=MXXX)											
17	1	26013-100252	BOLT, M10X 25	4							
18	1	26716-120002	NUT, M12	8							
20	1	1E6102-63110	COLLAR, 10.5X28X4.5	2							W
(A=MXXX)											

Fig.9. RADIATOR & MOUNT



(D)=
(E)=
(F)=

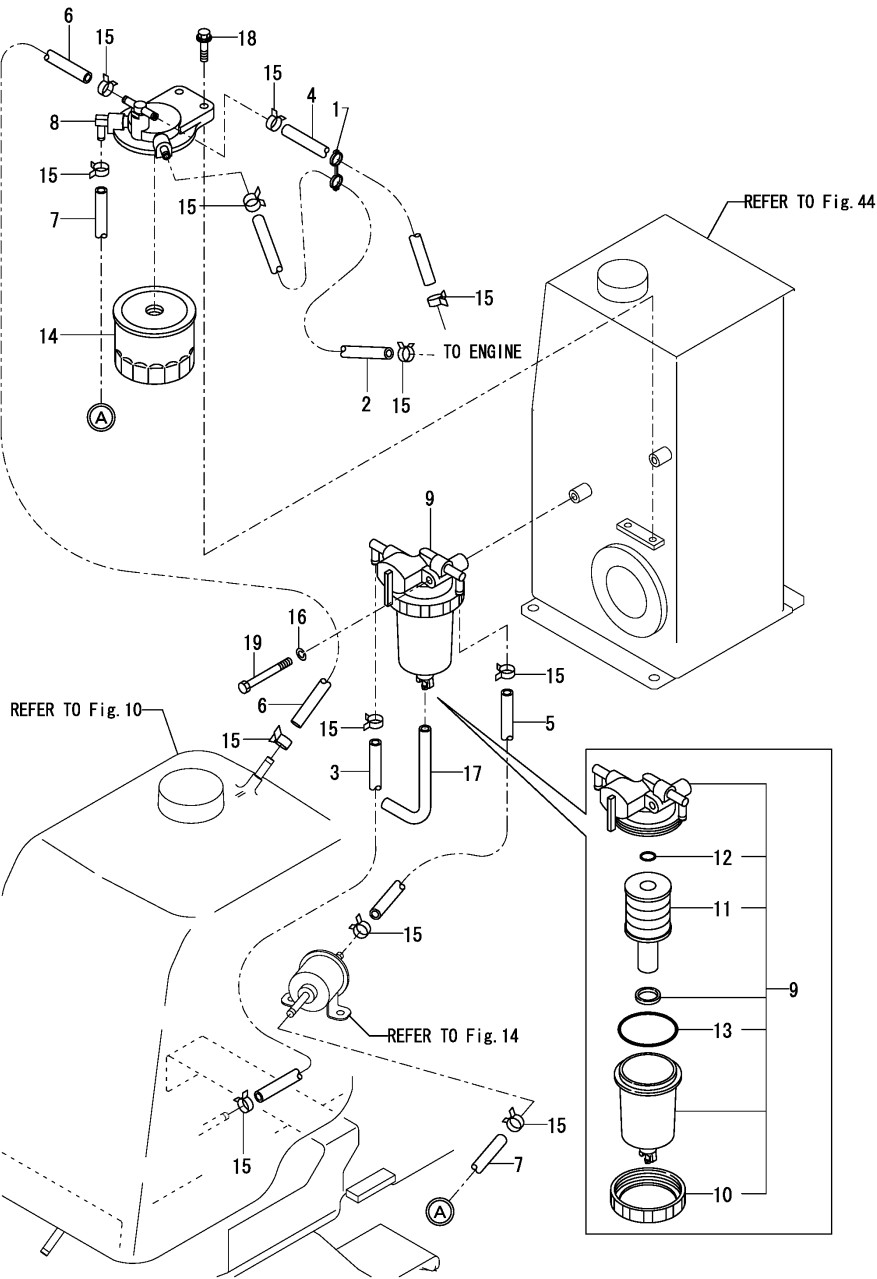
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-13210	COCK ASSY, 2-WAY	1							
2	2	172444-13220	BODY	1							
3	2	121250-49121	PLUG, DRAIN	1							
4	2	24311-000160	O-RING, 1AP16.0	1							
5	1	172653-13300	RADIATOR ASSY	1							
6	2	129107-44590	CAP, RADIATOR	1							
7	1	172653-13350	MOUNT,RADIATOR	1							
8	1	172527-13370	GUARD, FAN	1							
9	1	172653-13470	COLLAR	2							
10	1	172653-13480	BRACKET ASSY	1							
11	1	172649-13510	SPONGE	2							
12	1	172653-13540	HOSE A, RADIATOR	1							
13	1	172653-13550	HOSE B, RADIATOR	1							
14	1	172653-13570	SHROUD ASSY	1							
15	1	172141-14610	HOSE, FUEL	1							
16	1	172171-14610	HOSE 260,FUEL	1							
17	1	121468-44510	SUB-TANK ASSY	1							
19	2	121450-44531	CAP	1							
20	2	121468-44540	PLUG, SUB-TANK	1							
21	2	124450-44560	RETAINER	1							
22	2	121470-44581	GASKET	1							
23	2	23065-070130	PIPE, 7X 130	1							
24	1	184015-44680	RUBBER, RADIATOR	2							
25	1	124766-59050	CLIP, HOSE 12	2							
26	1	124766-59050	CLIP, HOSE 12	2							
27	1	172165-62630	RUBBER 90,EDGE	1							
28	1	172164-65720	RUBBER, SEAL	1							
29	1	22137-080000	WASHER, 8	2							
30	1	22217-080000	WASHER, SPRING 8	2							Z
(A=MXXX)											
31	1	23001-041000	CLAMP, HOSE 41	4							
32	1	26013-060162	BOLT, M6X 16	4							
33	1	26013-080202	BOLT, M8X 20	2							
34	1	26013-080602	BOLT, M8X 60	2							
35	1	26013-100202	BOLT, M10X 20	4							
35-1	1	26013-100252	BOLT, M10X 25	4							R
(A=MXXX)											
36	1	26014-060202	BOLT, M6X 20	2							
37	1	26014-080162	BOLT, M8X 16	2							
38	1	26014-100202	BOLT, M10X 20	1							
39	1	26051-100002	NUT, M10	4							
40	1	26716-080002	NUT, M8	2							Z
(A=MXXX)											
41	1	172653-13520	EV,SHROUD	1							W
(A=M/#00514)											
42	1	26051-080002	NUT, M8	2							W
(A=MXXX)											



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772649-14100	TANK ASSY, FUEL	1							
2	2	194151-04141	STRAINER, FUEL	1							
3	2	194151-04150	GASKET, STRAINER	1							
4	2	194250-04301	CAP ASSY, TANK	1							
6	3	194250-04321	VALVE, VENT	1							
8	2	172162-14180	GAUGE, FUEL	1							
8-1	2	172162-14181	GAUGE, FUEL	1							R
(A=M/#01014)											
9	2	172162-14200	GASKET	1							
10	2	22190-050001	WASHER, SEAL 5	5							
11	2	26557-050122	SCREW, M5X12	5							
12	1	172498-14120	CAP, DRAIN	1							Z
(A=M/#00510)											
12-1	1	22487-080160	PIN, H 8X 16	1							W
(A=M/#00510)											
13	1	172649-14190	PLATE	1							
14	1	172649-14200	PLATE	1							
15	1	172653-14200	PIPE	1							Z
(A=M/#00510)											
16	1	172649-14402	BAND ASSY,FUEL TANK	2							
17	2	172649-14410	PLATE	2							
18	2	172649-14422	BAND, FUEL TANK	2							
19	1	172142-14620	HOSE L750, FUEL	1							
20	1	124766-59050	CLIP, HOSE 12	3							
20-1	1	124766-59050	CLIP, HOSE 12	2							K
(A=M/#00510)											
21	1	26013-080162	BOLT, M8X 16	2							
22	1	26116-080804	BOLT, M8X 80 PLATED	2							
22-1	1	172653-14450	SCREW,8X80	2							N
(A=M/#00514)											
23	1	26716-080002	NUT, M8	6							
24	1	172137-16560	BAND	1							W
(A=MXXXXX)											

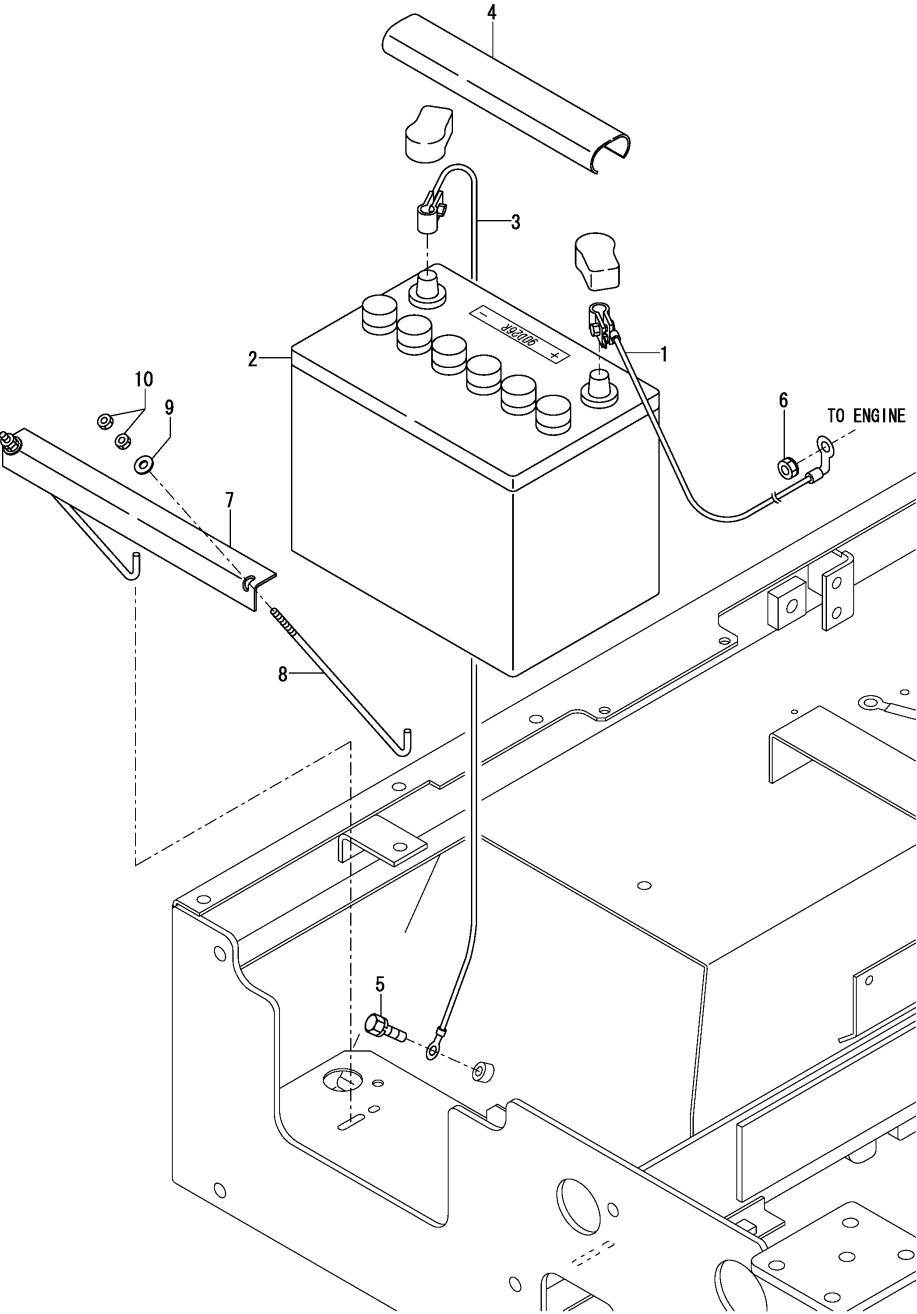
(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172171-14300	CLAMP	1							
2	1	172171-14610	HOSE 260,FUEL	1							
3	1	172116-14620	PIPE, FUEL	1							
4	1	172734-14620	PIPE L=300, FUEL	1							
5	1	172734-14620	PIPE L=300, FUEL	1							
6	1	172164-14630	HOSE 400	1							
7	1	172120-14680	HOSE 7.5 X 13.0 X450	1							
8	1	129004-55611	BRACKET, FILTER	1							
8-1	1	129004-55612	BRACKET, FILTER	1							N
(A=M/#00518)											
9	1	184016-55700	SEPARATOR ASSY,WATER	1							
9-1	1	184016-55701	SEPARATOR ASSY,WATER	1							N
(A=MXXXXX)											
10	2	129100-55690	RING, RETAINING	1							
11	2	119802-55710	ELEMENT	1							
12	2	24311-000160	O-RING, 1AP16.0	1							
13	2	24321-000650	O-RING, 1AG65.0	1							
14	1	119802-55810	FILTER,FO	1							
15	1	124766-59050	CLIP, HOSE 12	12							
16	1	22217-080000	WASHER, SPRING 8	1							
17	1	23061-050300	PIPE, 5X 300	1							
18	1	26014-080302	BOLT, M8X 30	2							
19	1	26116-080702	BOLT, M8X 70 PLATED	1							

Fig.12. BATTERY



(A)=C30R-US
(B)=
(C)=

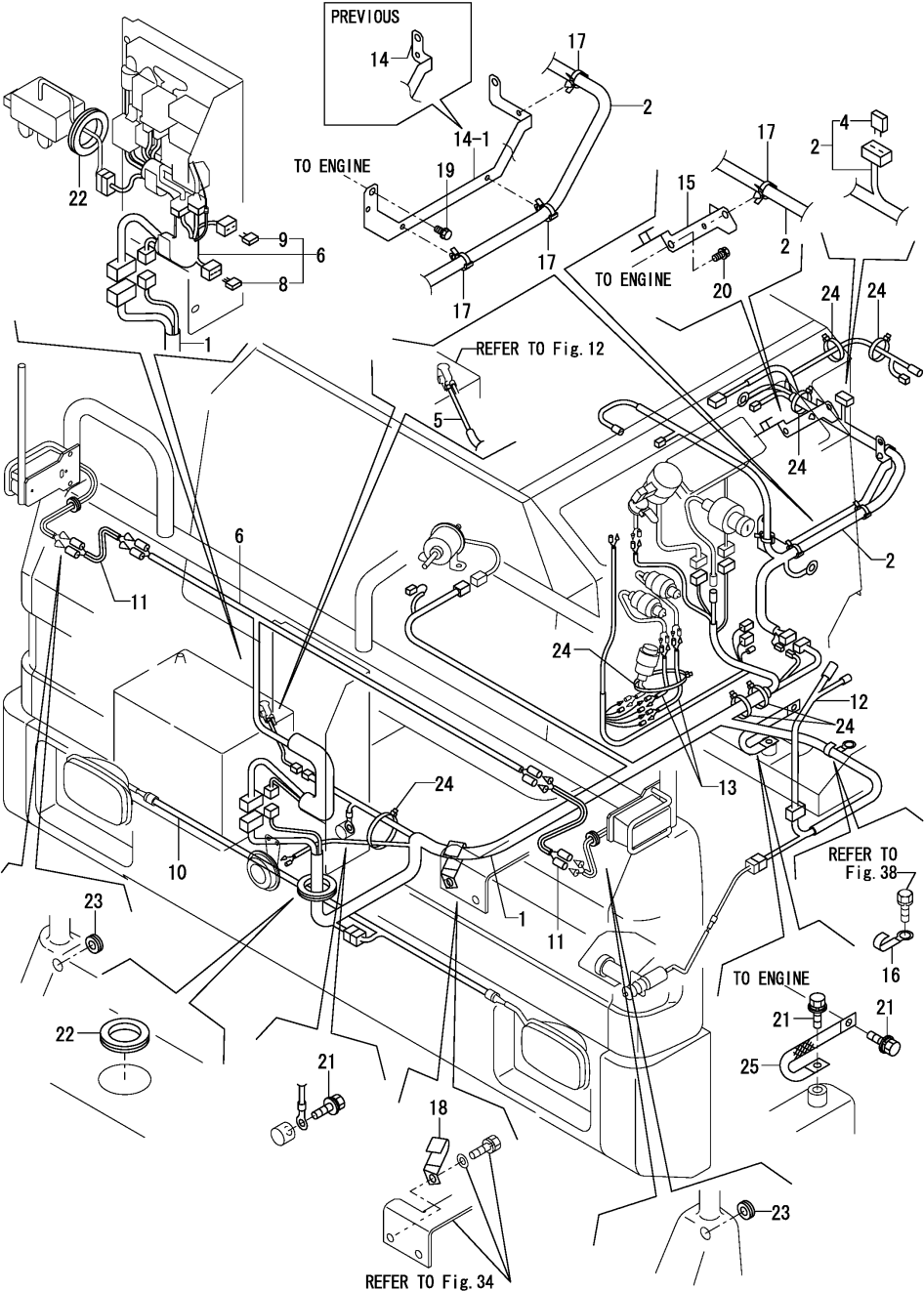
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172649-16100	CORD, BATTERY	1							
2	1	172653-16100	BATTERY,90D26R	1							
3	1	172647-16110	CORD, BATTERY	1							
4	1	194432-51550	COVER, BATTERY	1							
5	1	26013-080162	BOLT, M8X 16	1							
6	1	26051-080002	NUT, M8	1							
7	1	172647-16310	CLAMP, BATTERY	1							
8	1	172647-16320	ROD, BATTERY CLAMP	2							
9	1	1A1040-63400	WASHER, 6.4X16X1.6	2							
9-1	1	144220-99901	WASHER, 6.5X16.1.6	2							R
		(A=MXXX)									
10	1	26716-060002	NUT, M6	4							

Fig.13. ELECTRIC PART(WIRING)

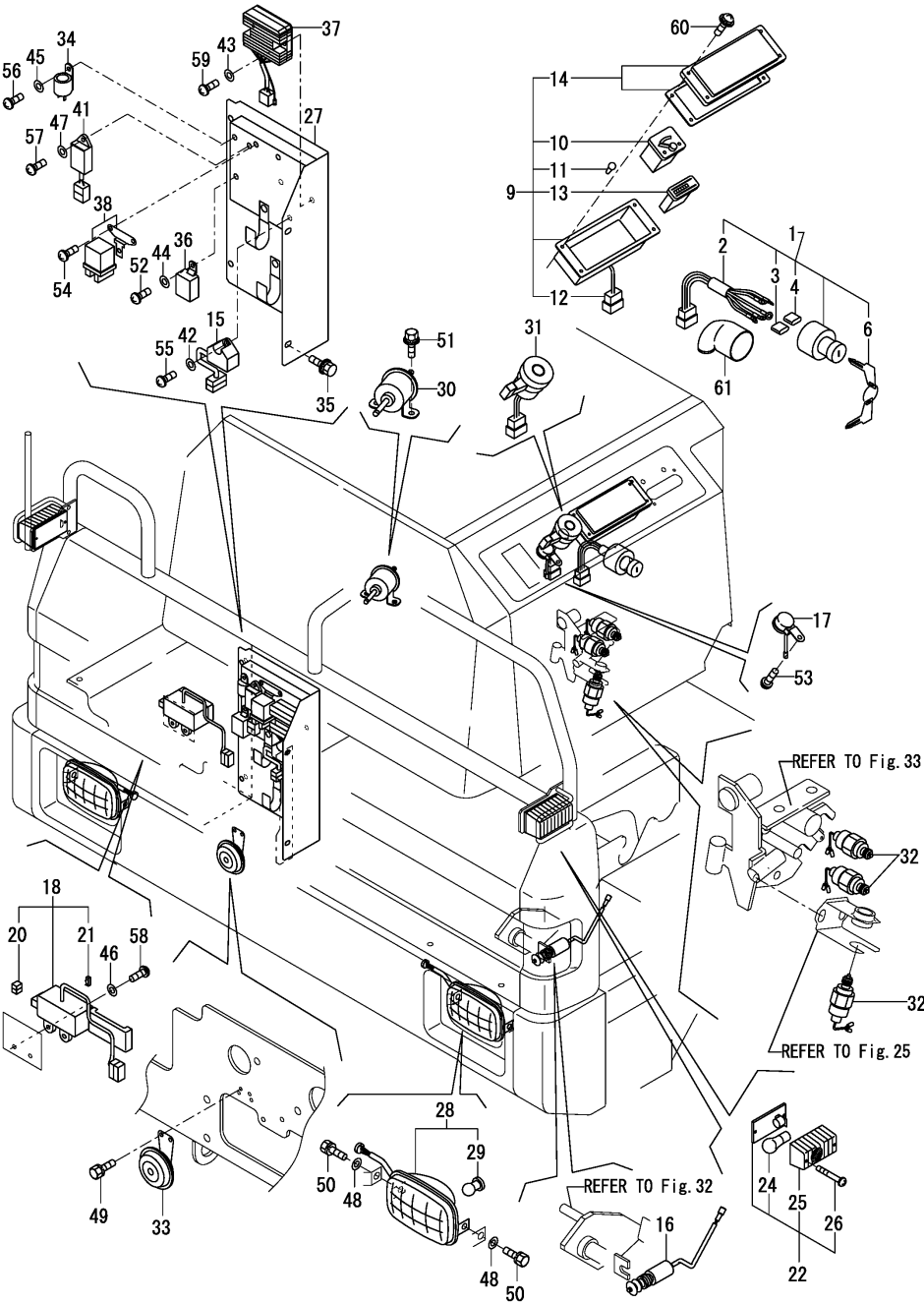
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(B)=
(C)=

(D)=
(E)=
(F)=



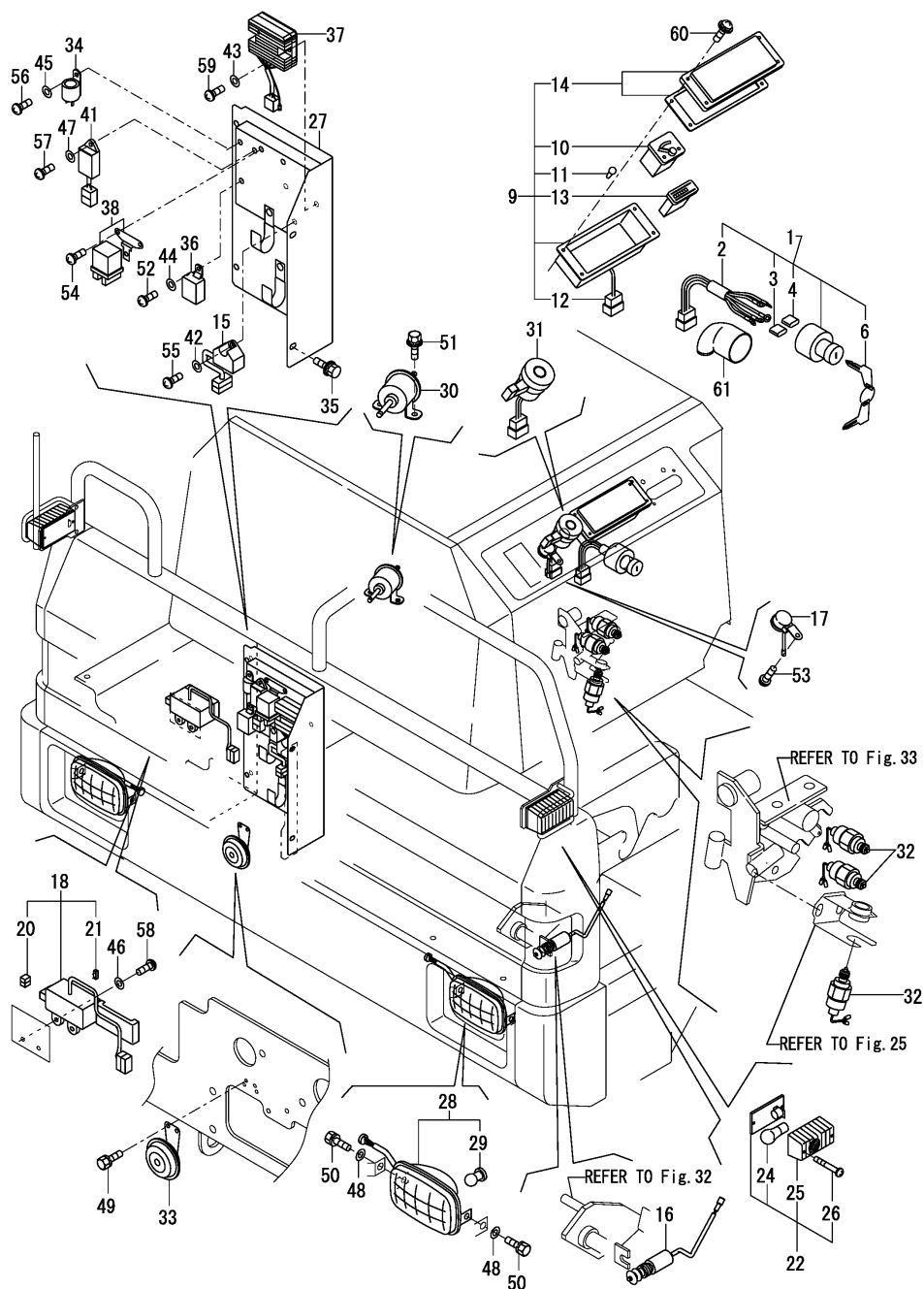
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172653-16500	WIRING A	1							
2	1	172653-16510	HARNESS B ASSY	1							
4	2	172648-16600	DIODE	1							
5	1	172183-16540	LINK,FUSIBLE	1							
6	1	172649-16540	HARNESS(C) ASSY	1							
8	2	172649-16560	DIODE, 1.5-3PA	1							
9	2	172648-16600	DIODE	1							
10	1	172649-16580	HARNESS(D), WIRE	1							
11	1	172649-16590	HARNESS(E), WIRE	2							
12	1	172649-16600	HARNESS(F), WIRE	1							
13	1	172649-16610	HARNESS(G), WIRE	2							
14	1	172653-16700	SUPPORT, HARNESS	1							
14-1	1	172653-16701	SUPPORT A,HURNESS	1							S
(A=M/#00514)											
15	1	172653-16710	SUPPORT ASSY	1							
16	1	194440-51620	CLAMP	1							Z
(A=MXXX)											
17	1	194680-51670	BAND, CLIP	5							
17-1	1	194680-51670	BAND, CLIP	6							K
(A=M/#01013)											
18	1	1A1380-59480	CLAMP, CORD	1							
19	1	26013-080162	BOLT, M8X 16	2							
20	1	26013-080162	BOLT, M8X 16	2							
21	1	26014-100202	BOLT, M10X 20	3							
22	1	933110-58400	GROMMET, 43	2							
23	1	933160-09220	GROMMET	2							
24	1	933168-55770	BAND 146	8							
24-1	1	933168-55770	BAND, 146	7							K
(A=M/#01013)											
25	1	933171-15801	CORD, ENGINE EARTH	1							

Fig.14. ELECTRIC PART(EQUIPMENT)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17100	SWITCH ASSY, STARTER	1							
2	2	172187-17070	CORD ASSY	1							
3	2	172187-17080	COVER	3							
4	2	172187-17090	COVER	2							
6	2	933110-00301	KEY ASSY	1							
9	1	172649-17100	INDICATOR BOX	1							
10	2	172649-17110	F.O. METER	1							
11	2	172162-17120	VALVE	5							
12	2	172649-17120	HARNESS	1							
13	2	172162-17130	METER, HOUR	1							
14	2	172162-17270	COVER ASSY	1							
15	1	172141-17141	CHECKER	1							
16	1	172649-17140	SWITCH, SAFETY	1							
17	1	172141-17150	BUZZER	1							
18	1	172649-17150	HUSE BOX	1							
20	2	172175-17120	PULLER	1							
21	2	29420-150000	FUSE, B 15A	7							
22	1	172653-17170	LAMP ASSY,TURN	2							
24	2	172734-17190	BULB, 12V 23W	2							
25	2	172734-17200	LENS	2							
26	2	26557-040452	SCREW, M4X45	4							
27	1	172649-17200	COVER ASSY	1							
28	1	172647-17311	LIGHT,HEAD COMP	2							
29	2	29220-788200	BULB, 12V 25W	2							
30	1	129612-52100	PUMP ASSY, FUEL FEED	1							
31	1	194940-52200	SWITCH, FUEL LEVEL	1							
32	1	1A6260-52500	SWITCH, SAFETY START	3							
33	1	194151-57100	HORN	1							
34	1	194201-57200	SIGNAL UNIT, TURN	1							
34-1	1	194080-57202	RELAY	1							R
(A=M/#00501)											
35	1	172162-68370	BOLT, M8X12	4							
36	1	119247-77100	RELAY, SAFETY	1							
37	1	119653-77710	LIMITER, CURRENT	1							
37-1	1	119653-77711	LIMITER, CURRENT	1							N
(A=MXXX)											
38	1	119650-77910	RELAY ASSY, GLOW	1							
41	1	129211-77920	TIMER	1							
42	1	22137-060000	WASHER, 6	1							
43	1	22137-060000	WASHER, 6	2							
44	1	22137-060000	WASHER, 6	1							
45	1	22137-060000	WASHER, 6	1							
46	1	22137-060000	WASHER, 6	2							
47	1	22137-060000	WASHER, 6	1							
48	1	22137-100000	WASHER, 10	4							
49	1	26013-060122	BOLT, M6X 12	2							
50	1	26013-100162	BOLT, M10X 16	4							
51	1	26014-060162	BOLT, M6X 16	2							
52	1	26022-060122	SCREW, M6X12	1							
53	1	26022-060122	SCREW, M6X12	1							
54	1	26022-060122	SCREW, M6X12	2							

Fig.14. ELECTRIC PART(EQUIPMENT)



				(A)=C30R-US					(D)=				
				(B)=					(E)=				
				(C)=					(F)=				
No.	Lev.	Parts No.	Description	Q'ty								I	R
				(A)	(B)	(C)	(D)	(E)	(F)				
55	1	26022-060162	SCREW, M6X16	1									
56	1	26022-060162	SCREW, M6X16	1									
57	1	26022-060162	SCREW, M6X16	1									
58	1	26022-060202	SCREW, M6X20	2									
59	1	26022-060252	SCREW, M6X25	2									
60	1	26589-040202	SCREW, M4X20	4									
61	1	933113-15900	COVER, TERMINAL	1									

Fig.15. TRANSMISSION CASE

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172649-20100	TRANSMISSION ASSY	1							
2	2	172649-22101	HOUSING(L)	1							
3	2	172649-22151	HOUSING(R)	1							
4	2	172649-22181	GASKET	1							
5	2	172649-22190	OIL HOLE	1							
6	2	172649-22200	OIL DRAIN 33X250	1							
7	2	172649-22210	PLATE	1							
8	2	172649-22250	PLATE	1							
9	2	172649-22261	FRANGE, SUCTION	1							
10	2	172649-22300	COVER, 4TH SHAFT	2							
11	2	172649-22320	GASKET 27X40X2	1							
12	2	1A6260-24910	STRAINER	1							
13	2	1A1040-26060	PIN, 8X28	2							
14	2	172649-28210	SEAL	2							
15	2	1E6710-53040	PLUG 1/8,TAPER SCREW	1							
16	2	1E6440-55230	SPRING, STRAINER	1							
17	2	22217-100000	WASHER, SPRING 10	3							
18	2	22217-120000	WASHER, SPRING 12	2							
19	2	23491-140002	PLUG, 14	1							
20	2	24311-000150	O-RING, 1AP15.0	1							
21	2	24341-000280	O-RING, 1AS28.0	1							
22	2	24341-000460	O-RING, 1AS46.0	1							
23	2	26013-080252	BOLT, M8X 25	2							
24	2	26013-100352	BOLT, M10X 35	12							
25	2	26013-100502	BOLT, M10X 50	1							
26	2	26013-120302	BOLT, M12X 30	6							
27	2	26116-100702	BOLT, M10X 70 PLATED	2							
28	2	26116-101152	BOLT, M10X115 PLATED	1							
29	2	26116-121102	BOLT, M12X110 PLATED	2							
30	2	26577-060122	SCREW, M6X12	8							

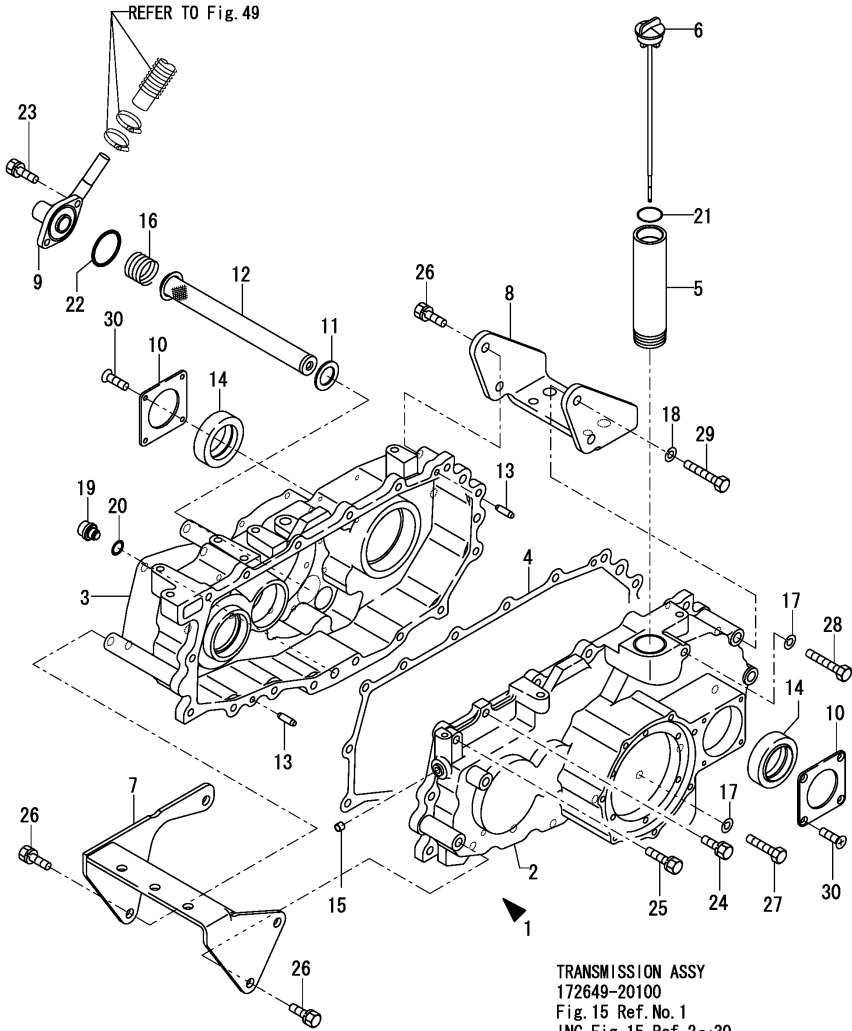
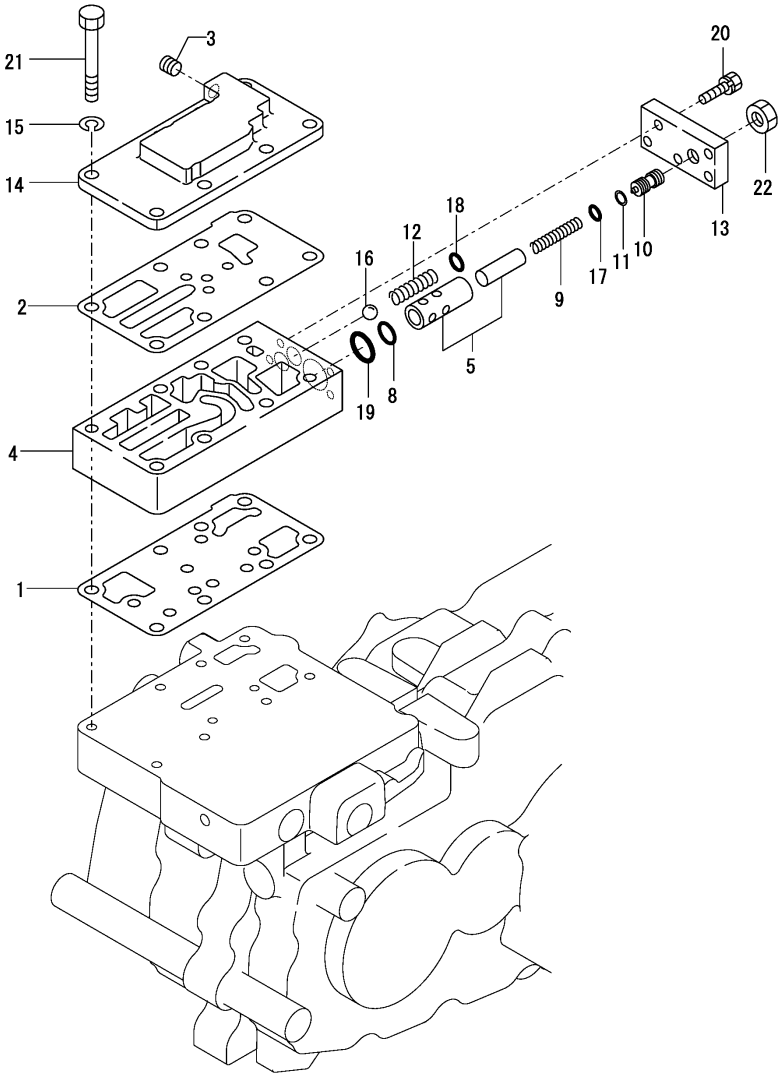


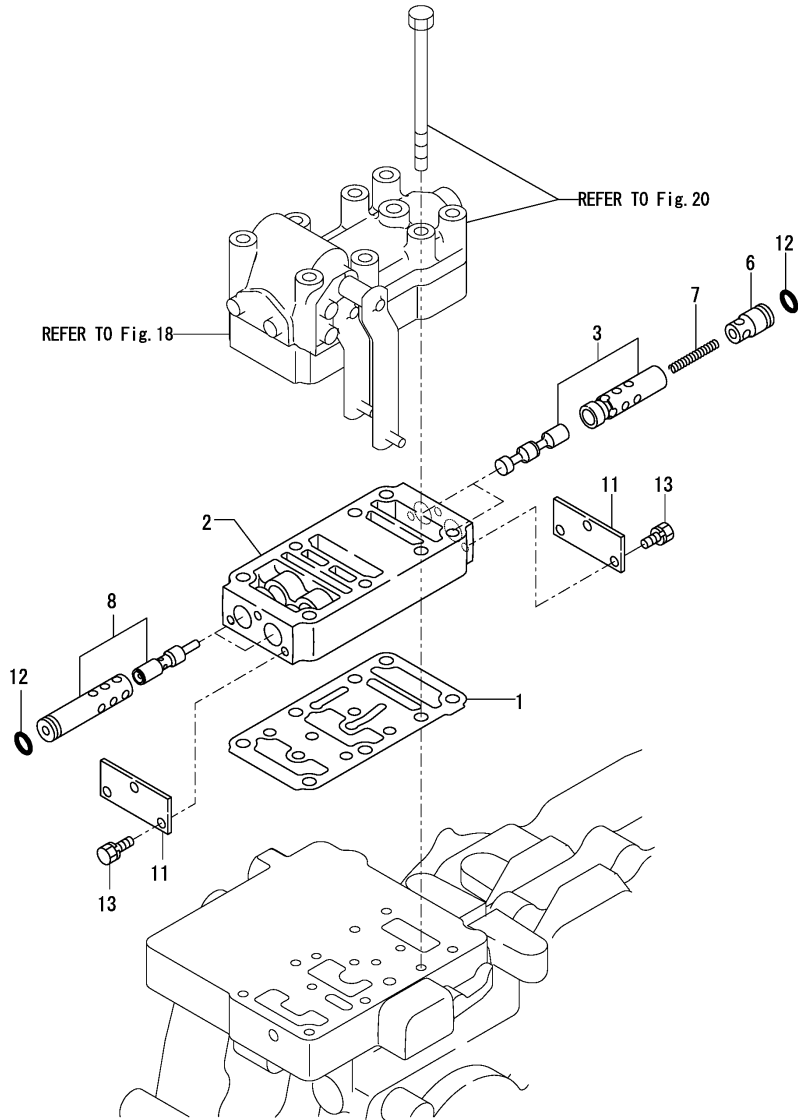
Fig.16. RELIEF VALVE



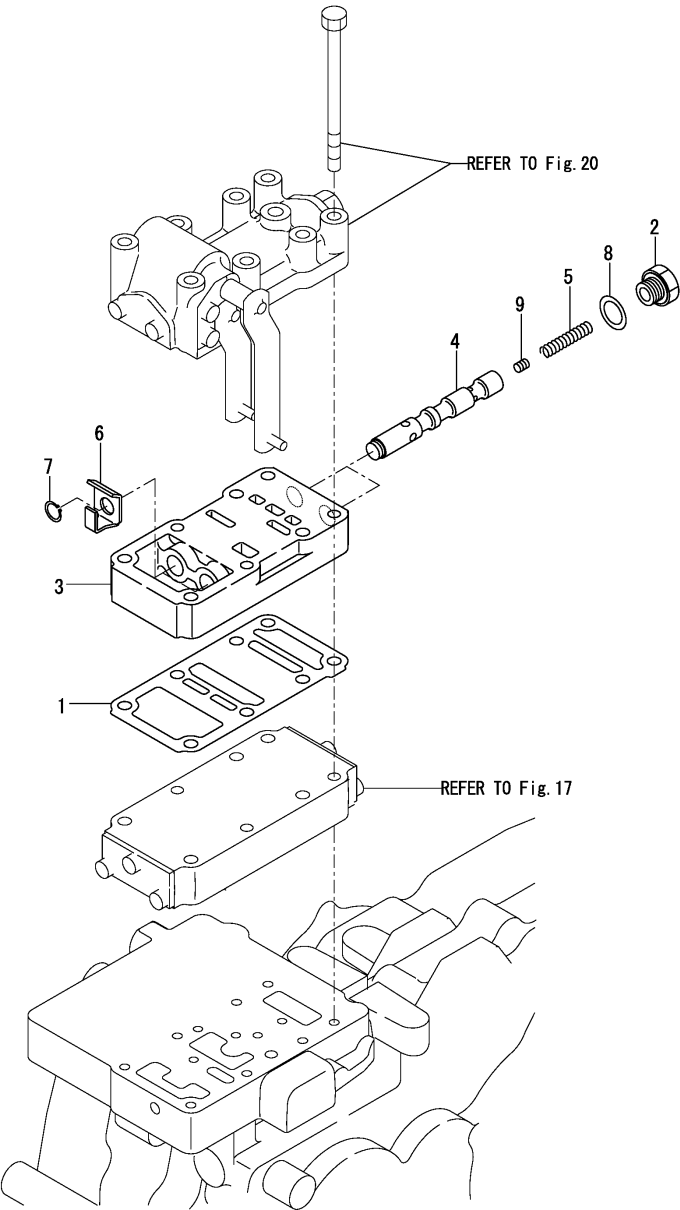
(A)=C30R-US
(B)=
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172649-22550	GASKET,RLF.VLV.CASE	1							
2	1	172649-22560	GASKET,SOLENOID.PLT.	1							
3	1	1E6710-53040	PLUG 1/8,TAPER SCREW	1							
4	1	1E8050-56810	CASE, VALVE	1							
5	1	772649-22500	VALVE,RELIFE SET	1							
8	1	1E8080-56850	O-RING, 4D S11.2	1							
9	1	1E8050-56860	SPRING, VALVE	1							
10	1	1E8050-56880	BOLT, ADJUST	1							
11	1	1E8050-56890	RING, BACK-UP P7	1							
12	1	1E8050-56900	SPRING, CHECK	2							
13	1	1E8050-56920	COVER, RELIEF VALVE	1							
14	1	1E8050-56960	COVER, CASE	1							
15	1	22217-080000	WASHER, SPRING 8	8							
16	1	24190-120002	BALL, STEEL 3/8	2							
17	1	24316-000070	O-RING, 4DP7.0	1							
18	1	24316-000100	O-RING, 4DP10.0	2							
19	1	24316-000180	O-RING, 4DP18.0	1							
20	1	26013-060202	BOLT, M6X 20	5							
21	1	26116-080602	BOLT, M8X 60 PLATED	8							
22	1	26756-100002	NUT, LOCK M10	1							

Fig.17. CLUTCH VALVE



							0CS10-M47002 Fig.17					
							(A)=C30R-US		(D)=			
							(B)=		(E)=			
							(C)=		(F)=			
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172649-22540	GASKET,CLTC.VLV.CASE	1								
2	1	1E8050-56710	CASE, VALVE	1								
3	1	772649-22600	VALVE,SEQUENCE SET	2								
6	1	1E8050-56740	STOPPER, SEQUENCE	2								
7	1	1E8050-56750	SPRING, SPOOL RETURN	2								
8	1	772649-22610	SPOOL SET	2								
11	1	1E8050-56780	COVER, VALVE	2								
12	1	24316-000120	O-RING, 4DP12.0	4								
13	1	26013-060122	BOLT, M6X 12	6								



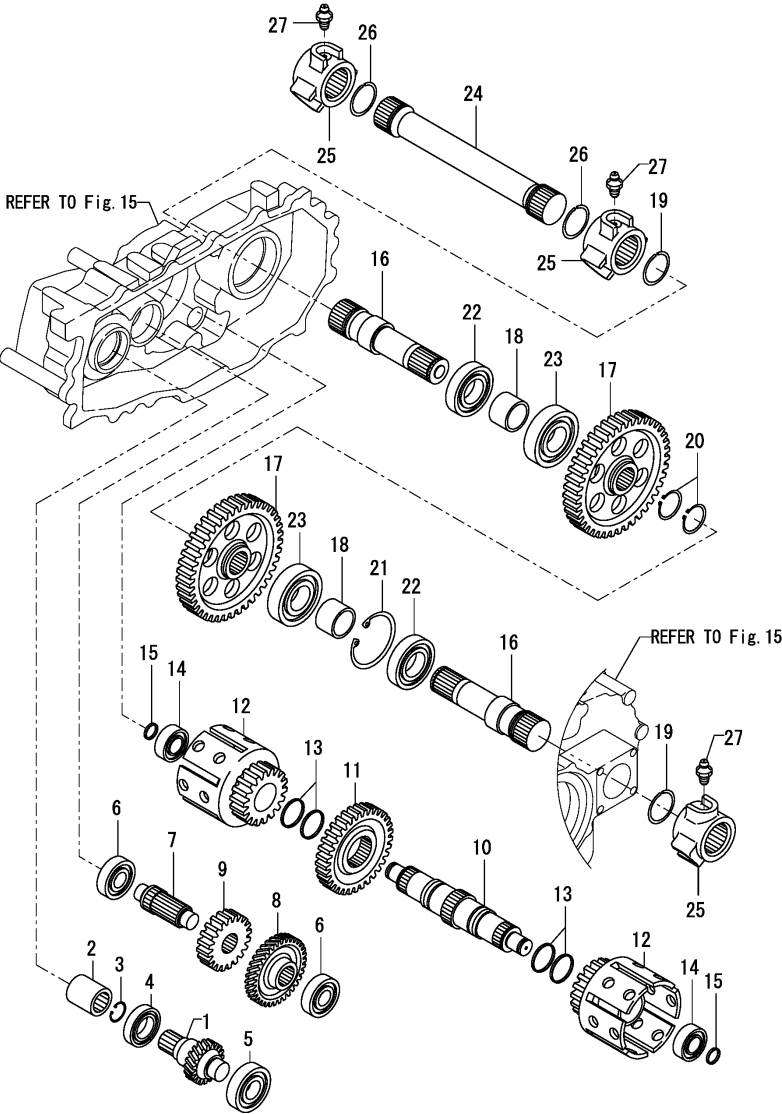
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172649-22510	GASKET,SD.BRK.VLV.C.	1							
2	1	1E6210-55820	PLUG 16	2							
3	1	1E8050-56310	CASE, VALVE	1							
4	1	1E8050-56320	SPOOL, VALVE	2							
5	1	1E8050-56330	SPRING, SPOOL RETURN	2							
6	1	1E8080-56350	PLATE	2							
7	1	22242-000110	RING, 11	2							
8	1	23414-160000	GASKET, 16X1.0	2							
9	1	26911-060082	SCREW, M6X 8	2							

Fig.19. TRANSMISSION GEAR

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

TRANSMISSION ASSY
172649-20100
Fig. 15 Ref. No. 1
INC. Fig. 15 Ref. 2~30.
Fig. 19 Ref. 1~23.
Fig. 20 Ref. 1~38.
Fig. 21 Ref. 1~56.
Fig. 49 Ref. 1~12.

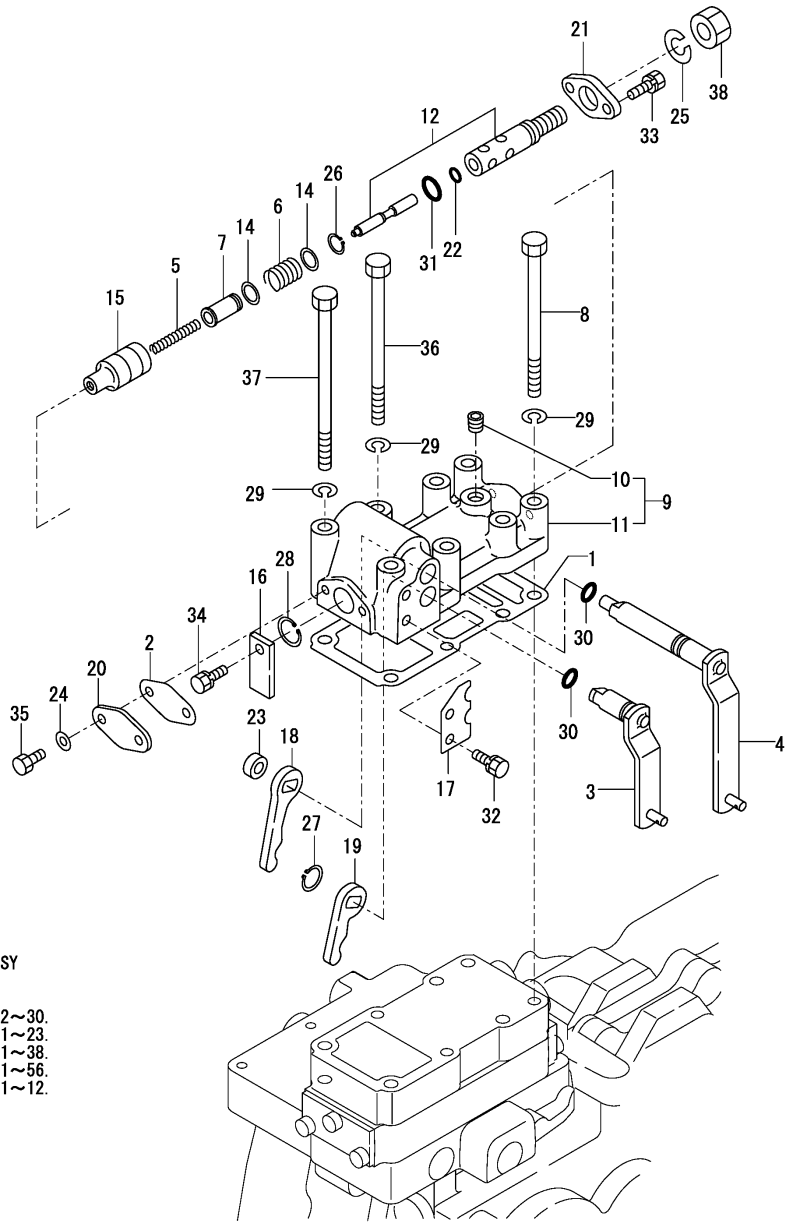


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172649-23110	SHAFT, 1ST	1							
2	2	172649-23130	COUPLING	1							
3	2	22252-000280	RING, 28	1							
4	2	24101-060074	BEARING, BALL 6007	1							
5	2	24101-063064	BEARING, BALL 6306	1							
6	2	172725-21420	BEARING	2							
7	2	172649-23210	SHAFT, 2ND	1							
8	2	172649-23220	GEAR 34	1							
9	2	172649-23230	GEAR 20	1							
10	2	172649-23311	SHAFT, 3RD	1							
11	2	172649-23321	GEAR 33	1							
12	2	172649-23331	GEAR 18, SIDE	2							
13	2	172649-23351	SEAL RING 45	4							
14	2	172649-23360	BEARING NUPK2205	2							
15	2	1E8540-59370	RING, SEAL 25	2							
16	2	172649-23410	SHAFT, 4TH	2							
17	2	172649-23420	GEAR 41	2							
18	2	172649-23430	COLLAR 49X40X33.5	2							
19	2	172649-23500	RING 50X3.2	2							
20	2	22242-000400	RING, 40	2							
21	2	22252-000800	RING, 80	1							
22	2	24101-062084	BEARING, BALL 6208	2							
23	2	24149-003084	BEARING, NH308	2							
24	1	172649-23451	SHAFT, OUTER 4TH	1							
25	1	172649-23460	COUPLING, PINION	3							
26	1	172649-23500	RING 50X3.2	2							
27	1	24761-020000	NIPPLE, GREASE PT1/8	9							

Fig.20. HYDRAULIC CONTROL

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=



TRANSMISSION ASSY
172649-20100
Fig. 15 Ref. No. 1
INC. Fig. 15 Ref. 2~30.
Fig. 19 Ref. 1~23.
Fig. 20 Ref. 1~38.
Fig. 21 Ref. 1~56.
Fig. 49 Ref. 1~12.

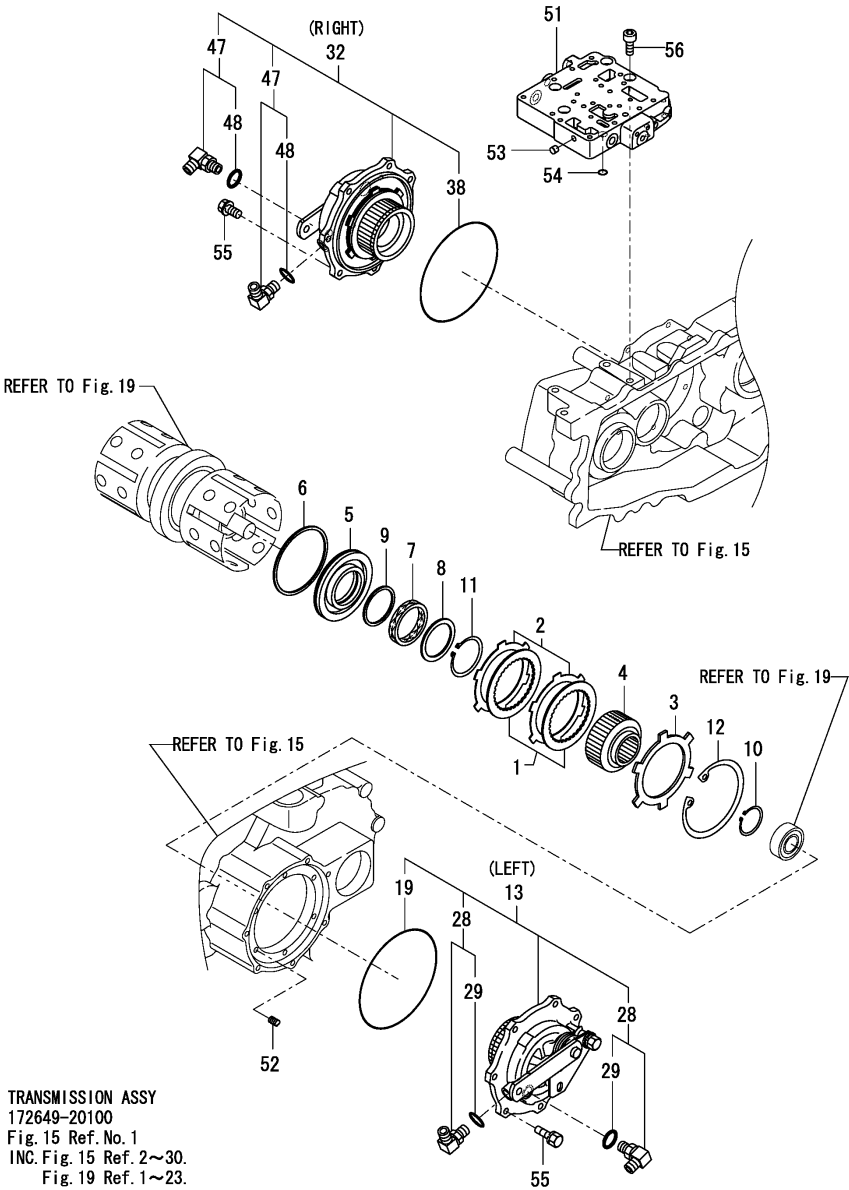
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172649-22520	GASKET, S.B.REG.CASE	1							
2	2	172649-22530	GASKET, SPOOL COVER	1							
3	2	172649-25310	SIDE LEVER(L)	1							
4	2	172649-25320	SIDE LEVER(R)	1							
5	2	172649-25340	SPRING 1.0	1							
6	2	172649-25350	SPRING 1.4	1							
7	2	172649-25360	SPRING HOLDER	1							
8	2	1E8050-53640	BOLT, M8X115	4							
9	2	1E8080-56400	CASE ASSY, REGULATOR	1							
10	3	1E6710-53040	PLUG 1/8,TAPER SCREW	1							
11	3	1E8080-56410	CASE, REGULATOR	1							
12	2	772649-25300	VALVE,SD RELIEF SET	1							
14	2	1E8050-56470	LINER, 11.5X16X1	2							
15	2	1E8080-56470	NUT, ADJUST	1							
16	2	1E8050-56520	PLATE, PAD	1							
17	2	1E8050-56530	PLATE, LEVER KEEP	1							
18	2	1E8080-56550	ROCKER, LEVER L	1							
19	2	1E8080-56590	ROCKER, LEVER R	1							
20	2	1E8050-56630	COVER, SPOOL	1							
21	2	1E8080-56650	COVER, RELIEF VALVE	1							
22	2	1E8080-56660	O-RING, 4D S7	1							
23	2	1E8050-56690	COLLAR, 8X14X6.5	1							
24	2	22190-060000	WASHER, SEAL 6	2							
25	2	22217-120000	WASHER, SPRING 12	1							
26	2	22242-000110	RING, 11	1							
27	2	22242-000140	RING, 14	1							
28	2	22252-000210	RING, 21	1							
29	2	22287-080000	WASHER, 8	8							
30	2	24316-000100	O-RING, 4DP10.0	2							
31	2	24316-000120	O-RING, 4DP12.0	1							
32	2	26013-060122	BOLT, M6X 12	2							
33	2	26013-060162	BOLT, M6X 16	2							
34	2	26013-060162	BOLT, M6X 16	1							
35	2	26116-060122	BOLT, M6X 12 PLATED	2							
36	2	26116-081202	BOLT, M8X120 PLATED	2							
37	2	26116-081302	BOLT, M8X130 PLATED	2							
38	2	26736-120002	NUT, M12	1							

Fig.21. CLUTCH & BRAKE

(A)=C30R-US
(B)=
(C)=

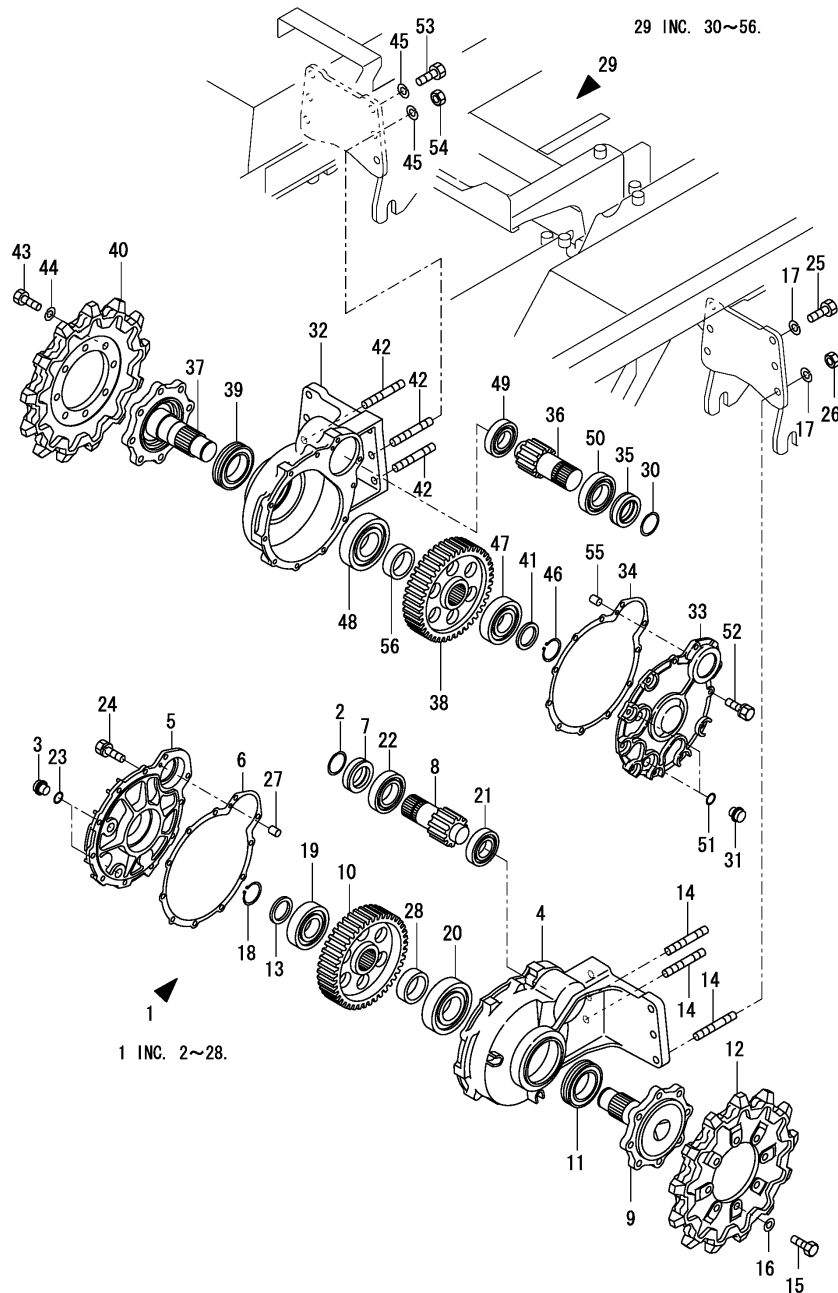
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172649-23390	PLATE 110, FRICTION	14							
2	2	194335-25640	PLATE, STEEL 1.2	14							
3	2	194065-26270	PLATE, STEEL 5.5	2							
4	2	172649-27311	BOSS	2							
5	2	172649-27321	PISTON 110	2							
6	2	194066-28260	RING	2							
7	2	1E8540-59321	SPRING	2							
8	2	1E8540-59330	LINER, 54X68X2.6	2							
9	2	1E8540-59380	RING, 55	2							
10	2	22242-000400	RING, 40	2							
11	2	22242-000550	RING, 55	2							
12	2	22252-001101	RING, 110	2							
13	2	172653-27510	BRAKE DISK ASSY, L	1							
19	3	172649-27610	O-RING 158	1							
28	3	172141-76180	CONNECTOR ASSY	2							W
(A=M/#00517)											
28-1	3	172141-76181	CONNECTOR ASSY, 02FF	2							N
(A=M/#01001)											
29	4	24315-000110	O-RING, 1BP11.0	2							W
(A=M/#00517)											
29-1	4	41851-000110	O-RING	2							N
(A=M/#01001)											
32	2	172653-27520	BRAKE DISK ASSY, R	1							
38	3	172649-27610	O-RING 158	1							
47	3	172141-76180	CONNECTOR ASSY	2							W
(A=M/#00517)											
47-1	3	172141-76181	CONNECTOR ASSY, 02FF	2							N
(A=M/#01001)											
48	4	24315-000110	O-RING, 1BP11.0	2							W
(A=M/#00517)											
48-1	4	41851-000110	O-RING	2							N
(A=M/#01001)											
51	2	172649-27550	PLATE, VALVE	1							
52	2	172649-27570	SPRING 7.8X22	12							
53	2	1E6710-53040	PLUG 1/8, TAPER SCREW	5							
54	2	24311-000100	O-RING, 1AP10.0	1							
55	2	26013-080302	BOLT, M8X 30	14							
56	2	26455-100352	BOLT, M10X35	4							
56-1	2	26450-100352	BOLT, M10X 35	4							N
(A=MXXX)											



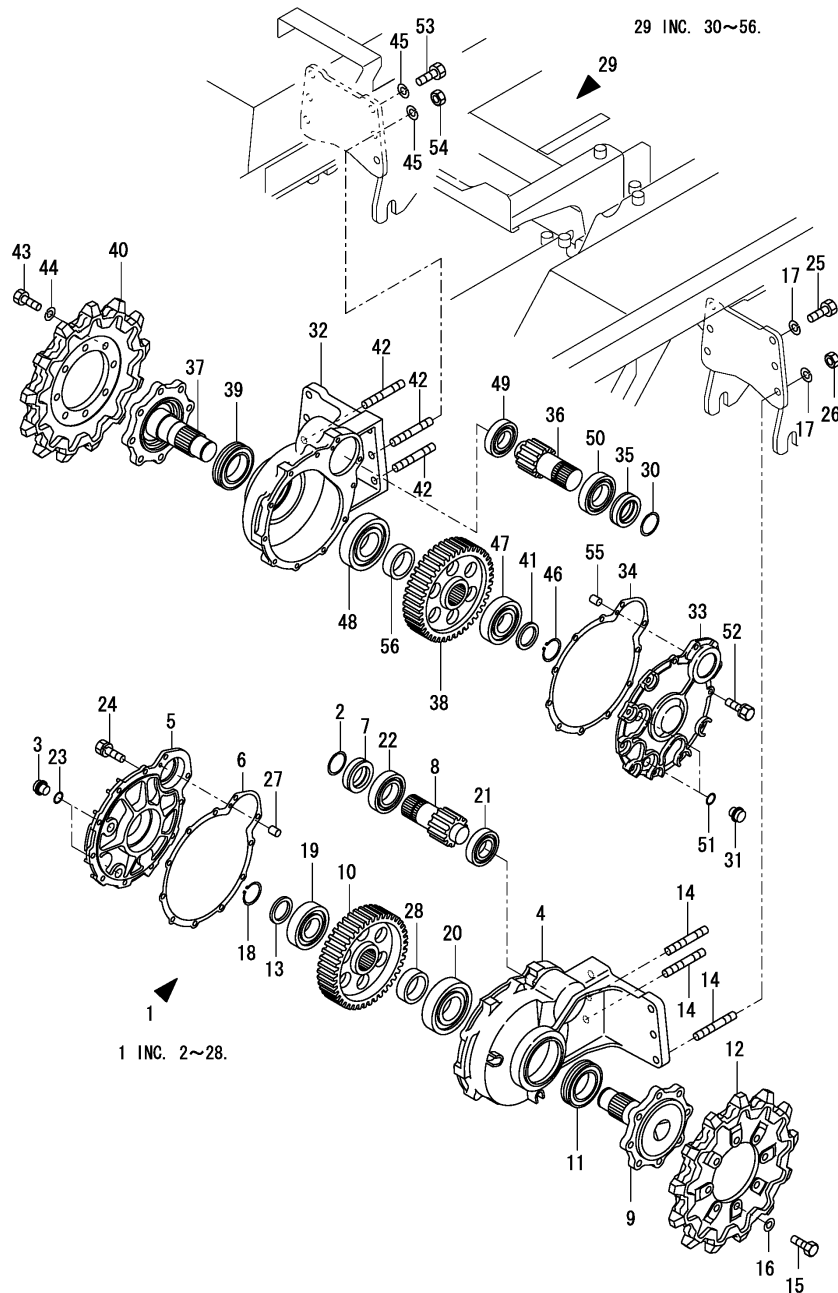
TRANSMISSION ASSY
172649-20100
Fig. 15 Ref. No. 1
INC. Fig. 15 Ref. 2~30.
Fig. 19 Ref. 1~23.
Fig. 20 Ref. 1~38.
Fig. 21 Ref. 1~56.
Fig. 49 Ref. 1~12.

Fig.22. TRAVELLING WHEEL



				(A)=C30R-US (B)= (C)=		(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description		(A)	(B)	(C)	(D)	(E)	(F)	I R	
1	1	172649-20301-1	CASE L ,FINAL (82)		1							
1-1	1	172649-20301-2	CASE L ,FINAL (49)		1						S	
(A=M/#00514)												
2	2	172649-23500	RING 50X3.2		1							
3	2	1A1380-28040	PLUG, OIL 20X13.5		2							
4	2	172649-28100-1	CASE, FINAL		1							
4-1	2	172649-28100-2	CASE, FINAL		1						S	
(A=M/#00514)												
5	2	172649-28150-1	COVER, FINAL CASE		1							
5-1	2	172649-28150-2	COVER, FINAL CASE		1						S	
(A=M/#00514)												
6	2	172649-28171	GASKET, FINAL CASE		1							
7	2	172649-28210	SEAL		1							
8	2	172649-28300	PINION, FINAL		1							
9	2	172637-28310	SHAFT, DRIVE WHEEL		1							
10	2	172649-28330	GEAR, FINAL		1							
11	2	172653-28340	SEAL, ES764-7310122		1							
12	2	172637-29111-1	SPROCKET		1							
12-1	2	172637-29111-2	SPROCKET		1						S	
(A=M/#00514)												
13	2	172734-29120	COLLAR, 45X60X6		1							
14	2	172725-52300	STUD, M16X35		3							
15	2	172165-68180	BOLT, M14X 35		8							
16	2	22217-140000	WASHER, SPRING 14		8							
17	2	22217-160000	WASHER, SPRING 16		6							
18	2	22242-000451	RING, 45		1							
19	2	24101-063094	BEARING, BALL 6309		1							
20	2	24101-063114	BEARING, BALL 6311		1							
21	2	24145-002084	BEARING, NF208		1							
22	2	24145-002104	BEARING, NF210		1							
23	2	24311-000210	O-RING, 1AP21.0		2							
24	2	26013-100302	BOLT, M10X 30		11							
25	2	26116-160402	BOLT, M16X 40 PLATED		3							
26	2	26716-160002	NUT, M16		3							
27	2	933110-22800	PIN 8X10		1							
28	2	933172-13530	COLLAR, SHAFT		1							
29	1	172649-20401-1	CASE, FINAL		1							
29-1	1	172649-20401-2	CASE, FINAL		1						S	
(A=M/#00514)												
30	2	172649-23500	RING 50X3.2		1							
31	2	1A1380-28040	PLUG, OIL 20X13.5		2							
32	2	172649-28120-1	FINAL CASE R (82)		1							
32-1	2	172649-28120-2	FINAL CASE R (49)		1						S	
(A=M/#00514)												
33	2	172649-28160-1	COVER, FINAL CASE		1							
33-1	2	172649-28160-2	COVER, FINAL CASE		1						S	
(A=M/#00514)												
34	2	172649-28171	GASKET, FINAL CASE		1							
35	2	172649-28210	SEAL		1							
36	2	172649-28300	PINION, FINAL		1							
37	2	172637-28310	SHAFT, DRIVE WHEEL		1							

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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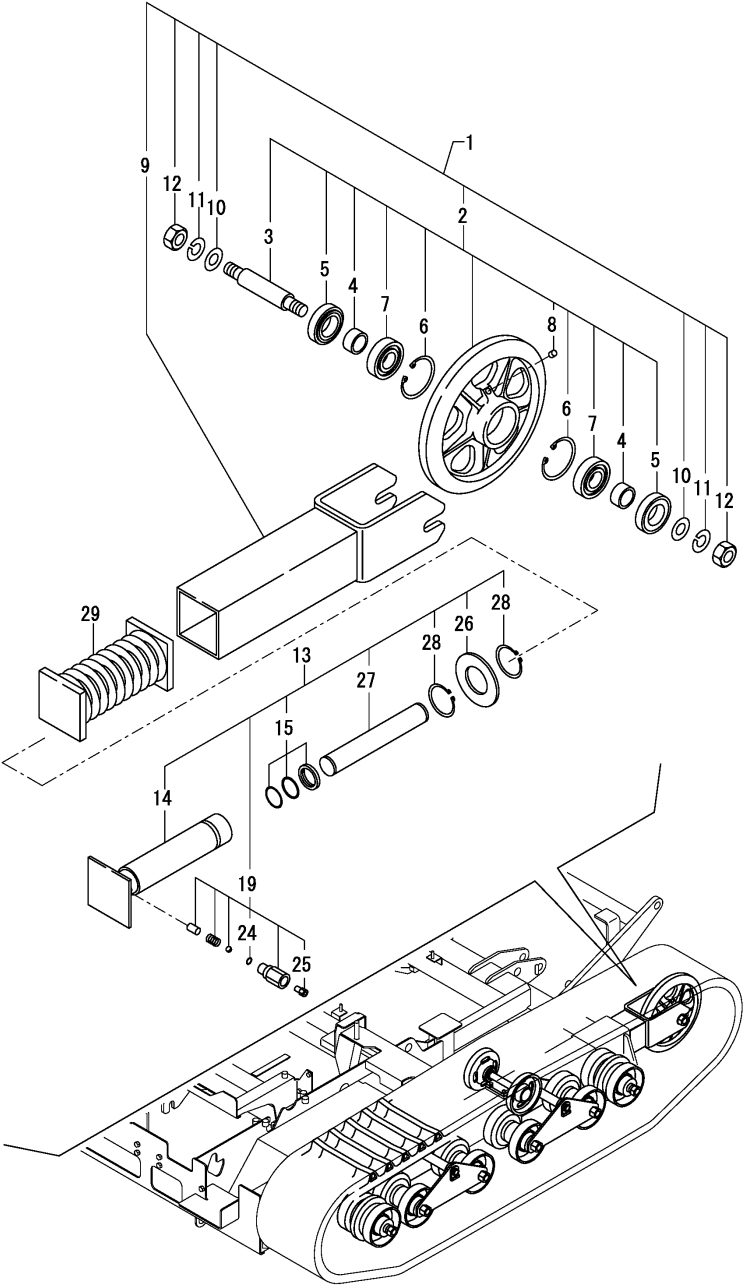


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
38	2	172649-28330	GEAR, FINAL	1							
39	2	172653-28340	SEAL, ES764-7310122	1							
40	2	172637-29111-1	SPROCKET	1							
40-1	2	172637-29111-2	SPROCKET	1							S
		(A=M/#00514)									
41	2	172734-29120	COLLAR, 45X60X6	1							
42	2	172725-52300	STUD, M16X35	3							
43	2	172165-68180	BOLT, M14X 35	8							
44	2	22217-140000	WASHER, SPRING 14	8							
45	2	22217-160000	WASHER, SPRING 16	6							
46	2	22242-000451	RING, 45	1							
47	2	24101-063094	BEARING, BALL 6309	1							
48	2	24101-063114	BEARING, BALL 6311	1							
49	2	24145-002084	BEARING, NF208	1							
50	2	24145-002104	BEARING, NF210	1							
51	2	24311-000210	O-RING, 1AP21.0	2							
52	2	26013-100302	BOLT, M10X 30	11							
53	2	26116-160402	BOLT, M16X 40 PLATED	3							
54	2	26716-160002	NUT, M16	3							
55	2	933110-22800	PIN 8X10	1							
56	2	933172-13530	COLLAR, SHAFT	1							

Fig.23. IDLER & CRAWLER ADJUST

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172649-37090-1 (A=M/#00518)	IDLER ASSY	2							W
2	2	772649-37100-1	IDLER ASSY	2							
2-1	2	772649-37100-2 (A=M/#00514)	IDLER ASSY	2							S
3	3	172649-37110	SHAFT, IDLER	2							
4	3	172631-37160	COLLAR, 35X45X22.5	4							
5	3	172631-37170	SEAL, WATER 45X80X18	4							
6	3	22252-000800	RING, 80	4							
7	3	24101-063074	BEARING, BALL 6307	4							
8	3	933171-13691	PLUG PT1/8	2							
9	2	172649-37150-1	FORK, IDLER (GREEN:82)	2							
9-1	2	172649-37150-2 (A=M/#00514)	FORK, IDLER (GRAY:49)	2							S
10	2	22137-240000	WASHER, 24	4							
11	2	22217-240000	WASHER, SPRING 24	4							
12	2	26716-240002	NUT, M24	4							
13	1	172637-37751	CYLINDER ASSY	2							
14	2	172637-37781	TUBE ASSY, ADJUST	2							
15	2	172122-37820	SEAL SET, ADJUST	2							
19	2	172122-37844	VALVE ASSY, NIPPLE	2							
24	3	24315-000140	O-RING, 1BP14.0	2							
25	3	24761-020000	NIPPLE, GREASE PT1/8	2							
26	2	172637-37850	HOLDER, ADJUSTER	2							
27	2	172637-37860	PISTON	2							
28	2	22242-000601	CIRCLIP 60-S	4							
29	1	172637-37880	SPRING ASSY, ADJUST	2							

Fig.24. TRACK ROLLER & CRAWLER

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772637-37300-1	ROLLER ASSY,TRUK(82)	8							
1-1	1	772637-37300-2	TRACK ROLLER ASSY	8							S
(A=M/#00514)											
3	2	172637-37340	COVER, SEAL	8							
4	2	172637-37350	COVER, SEAL	8							
5	2	172637-37380	SHAFT, ROLLER	8							
6	2	172653-37400	SEAL, ES764-466620	16							
7	2	22242-000240	RING, 24	8							
8	2	24101-062064	BEARING, BALL 6206	16							
9	2	24321-000300	O-RING, 1AG30.0	8							
10	1	22217-240000	WASHER, SPRING 24	16							
11	1	26716-240002	NUT, M24	16							
12	1	772649-37310-1	ROLLER B ASSY,TRUK	4							
12-1	1	772649-37310-2	TRACK ROLLER B ASSY	4							S
(A=M/#00514)											
13	2	194150-31460	BALL BEARING	8							
14	2	172649-37330	SHAFT, TRACK ROLLER	4							
15	2	172637-37340	COVER, SEAL	4							
16	2	172637-37350	COVER, SEAL	4							
17	2	172653-37400	SEAL, ES764-466620	8							
19	2	22242-000240	RING, 24	4							
20	2	24321-000300	O-RING, 1AG30.0	4							
21	1	22137-240000	WASHER, 24	8							
22	1	22217-240000	WASHER, SPRING 24	8							
23	1	26716-240002	NUT, M24	8							
24	1	172649-37350-1	PLATE A ASSY (82)	2							
24-1	1	172649-37350-2	PLATE A ASSY (49)	2							S
(A=M/#00514)											
25	1	172649-37380-1	PLATE A ASSY (82)	2							
25-1	1	172649-37380-2	PLATE A ASSY (49)	2							S
(A=M/#00514)											
26	1	172649-37400	SHAFT ASSY	4							
27	1	172649-37420-1	PLATE B ASSY (82)	2							
27-1	1	172649-37420-2	PLATE B ASSY (49)	2							S
(A=M/#00514)											
28	1	172649-37430-1	PLATE B ASSY (82)	2							
28-1	1	172649-37430-2	PLATE B ASSY (49)	2							S
(A=M/#00514)											
29	1	22217-240000	WASHER, SPRING 24	4							
30	1	24761-020000	NIPPLE, GREASE PT1/8	4							
31	1	26716-240002	NUT, M24	4							
32	1	772649-37500-1	ROLLER,CARRIER (82)	2							
32-1	1	772649-37500-2	CARRIER ROLLER ASSY	2							S
(A=M/#00514)											
34	2	172649-37510-1	SHAFT, ROLLER	2							
34-1	2	172649-37510-2	SHAFT, ROLLER	2							S
(A=M/#00514)											
35	2	22242-000250	RING, 25	8							
36	2	22252-000521	RING, 52	4							
37	2	24101-062054	BEARING, BALL 6205	8							
37-1	2	24104-062054	BEARING, BALL 6205UU	8							N

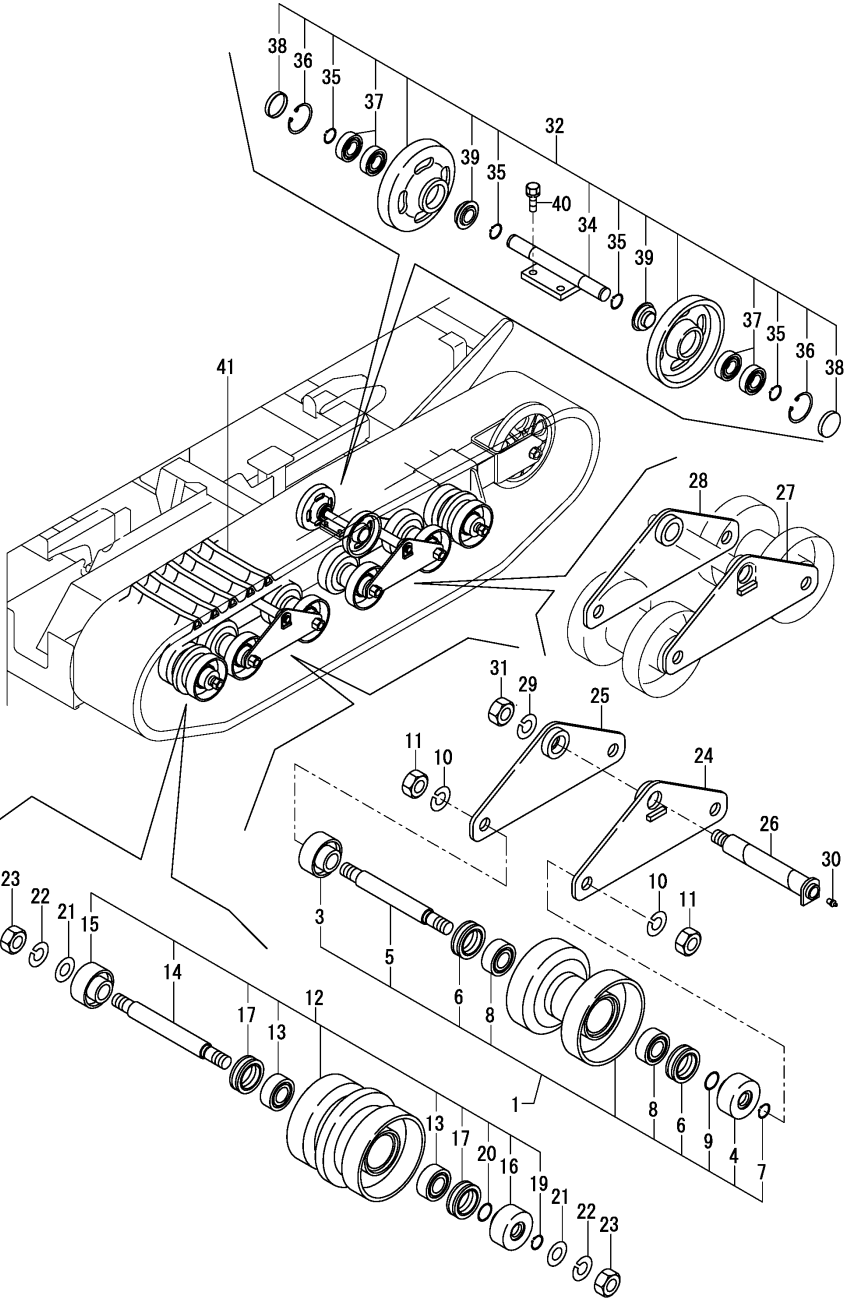
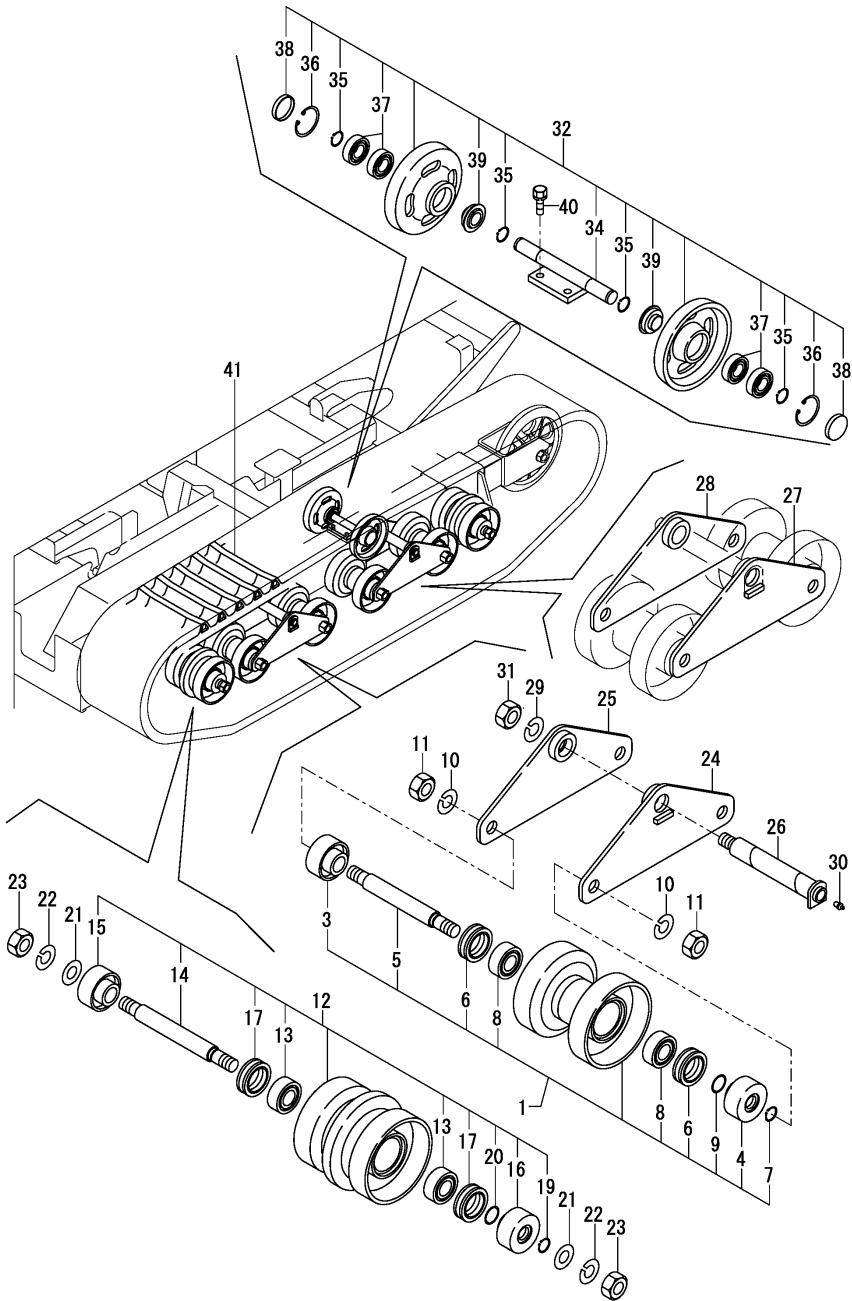


Fig.24. TRACK ROLLER & CRAWLER

(A)=C30R-US
(B)=
(C)=

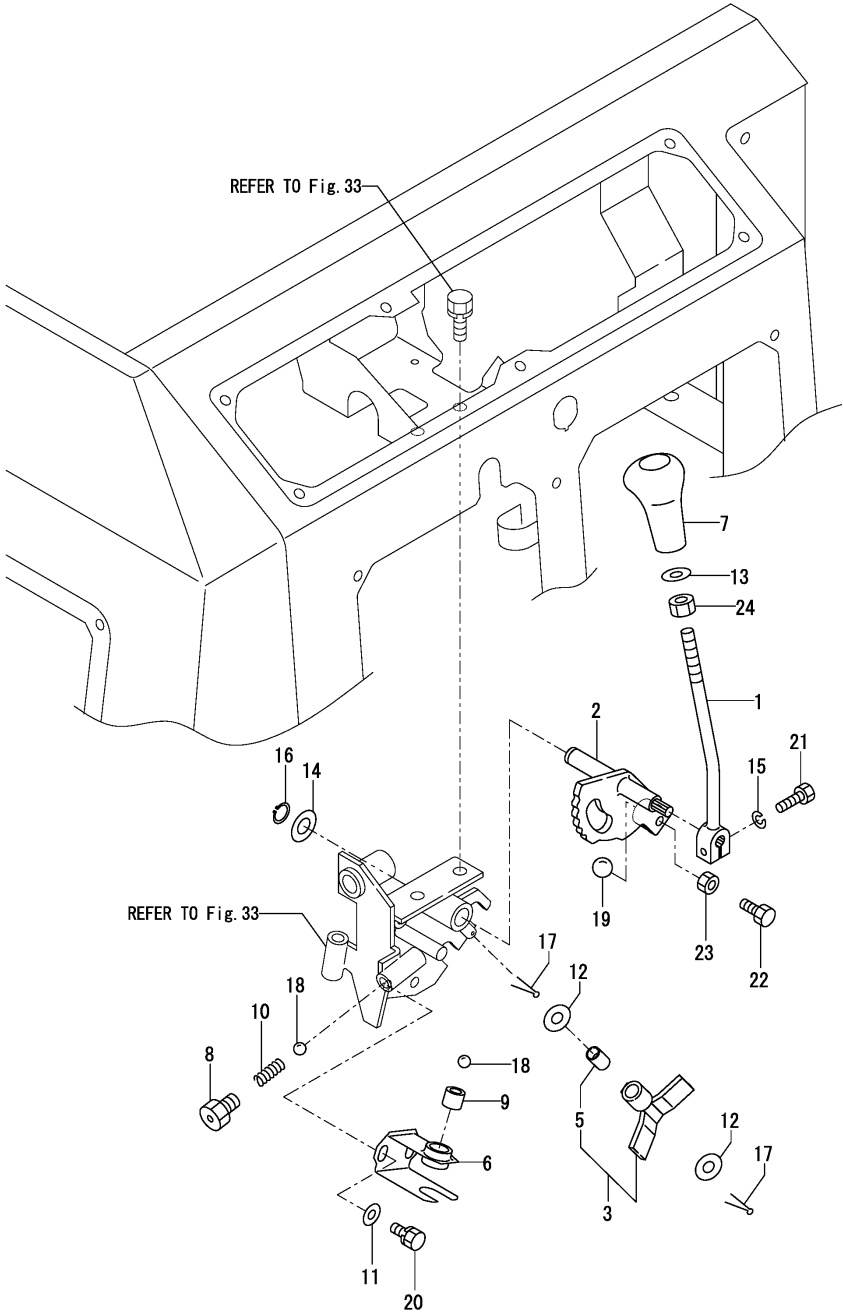
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
(A=M/#00514)											
38	2	27260-520000	PLUG, 52	4							
39	2	933147-10350	SEAL, QLF25471121	4							
40	1	26013-120302	BOLT, M12X 30	4							
41	1	172649-38600	CRAWLER ASSY, RUBBER	2							



(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

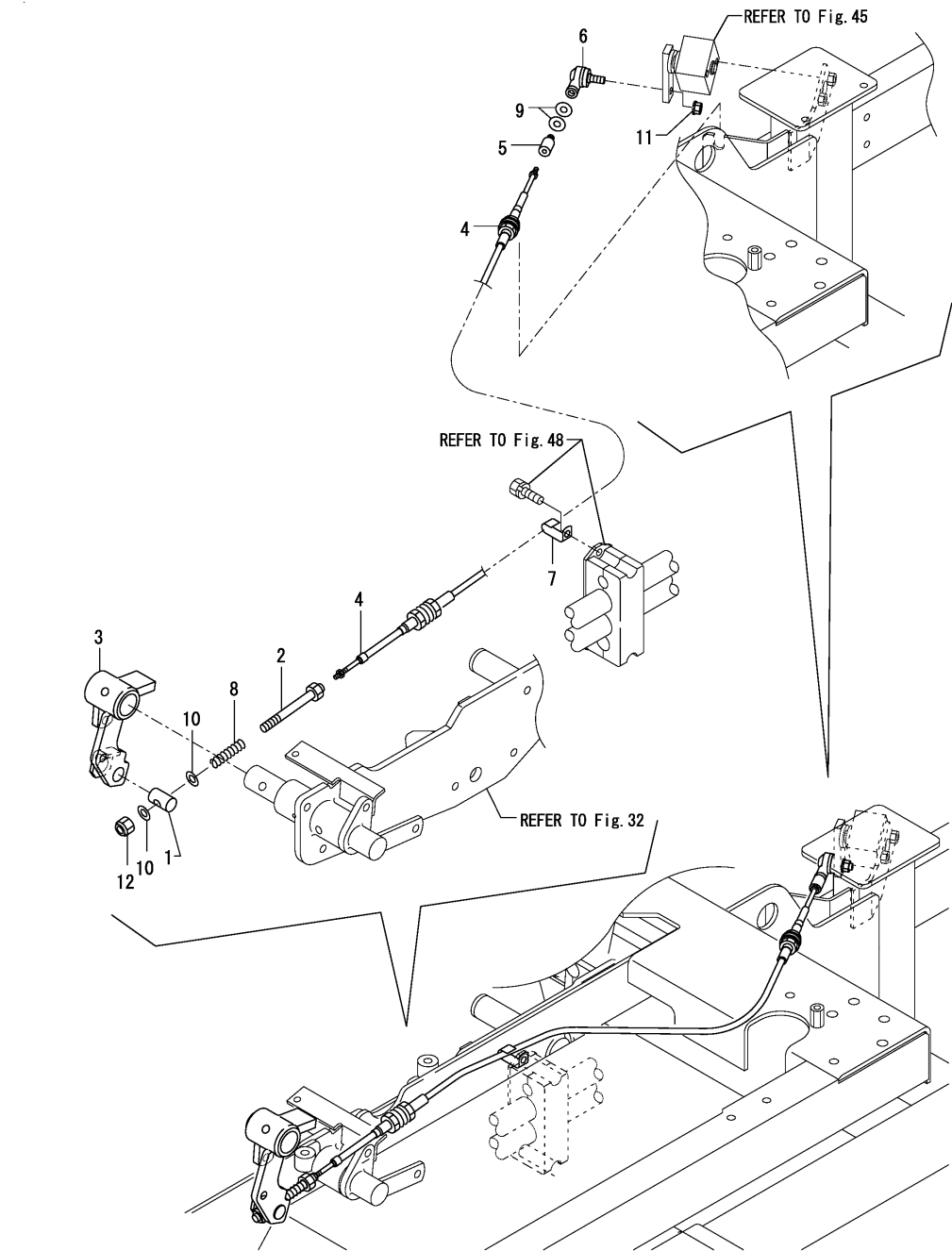


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172649-41400	LEVER,FR (GRAY:72)	1							
1-1	1	172649-41400-1	LEVER,FR (GRAY:49)	1							S
(A=M/#00514)											
1-2	1	172649-41401-1	LEVER(FR)	1							N
(A=MZZZZZ)											
2	1	172653-41420	ARM	1							
3	1	172649-41500	ARM	1							
5	2	24550-010200	BUSH, 10X20	1							
6	1	172649-41550	BRACKET	1							
7	1	172649-41600	KNOB	1							
8	1	172649-41610	PLUG 12	1							
9	1	172649-41620	BAR	1							
10	1	1E8050-63130	SPRING, 1.6X9.4X25	1							
11	1	22117-080000	WASHER, 8	2							
12	1	22117-100000	WASHER, 10	2							
13	1	22137-100000	WASHER, 10	1							
14	1	22137-140000	WASHER, 14	1							
15	1	22217-060000	WASHER, SPRING 6	1							
16	1	22242-000140	RING, 14	1							
17	1	22417-200160	PIN, COTTER 2.0X16	2							
18	1	24190-120001	BALL, STEEL 3/8	2							
19	1	24190-200001	BALL, STEEL 5/8	1							
20	1	26013-080162	BOLT, M8X 16	2							
20-1	1	26013-080202	BOLT, M8X 20	2							R
(A=MXXX)											
21	1	26076-060202	BOLT, 10.96X 20	1							
22	1	26116-080202	BOLT, M8X 20 PLATED	1							
23	1	26716-080002	NUT, M8	1							
24	1	26716-100002	NUT, M10	1							

Fig.26. INCHING LINK

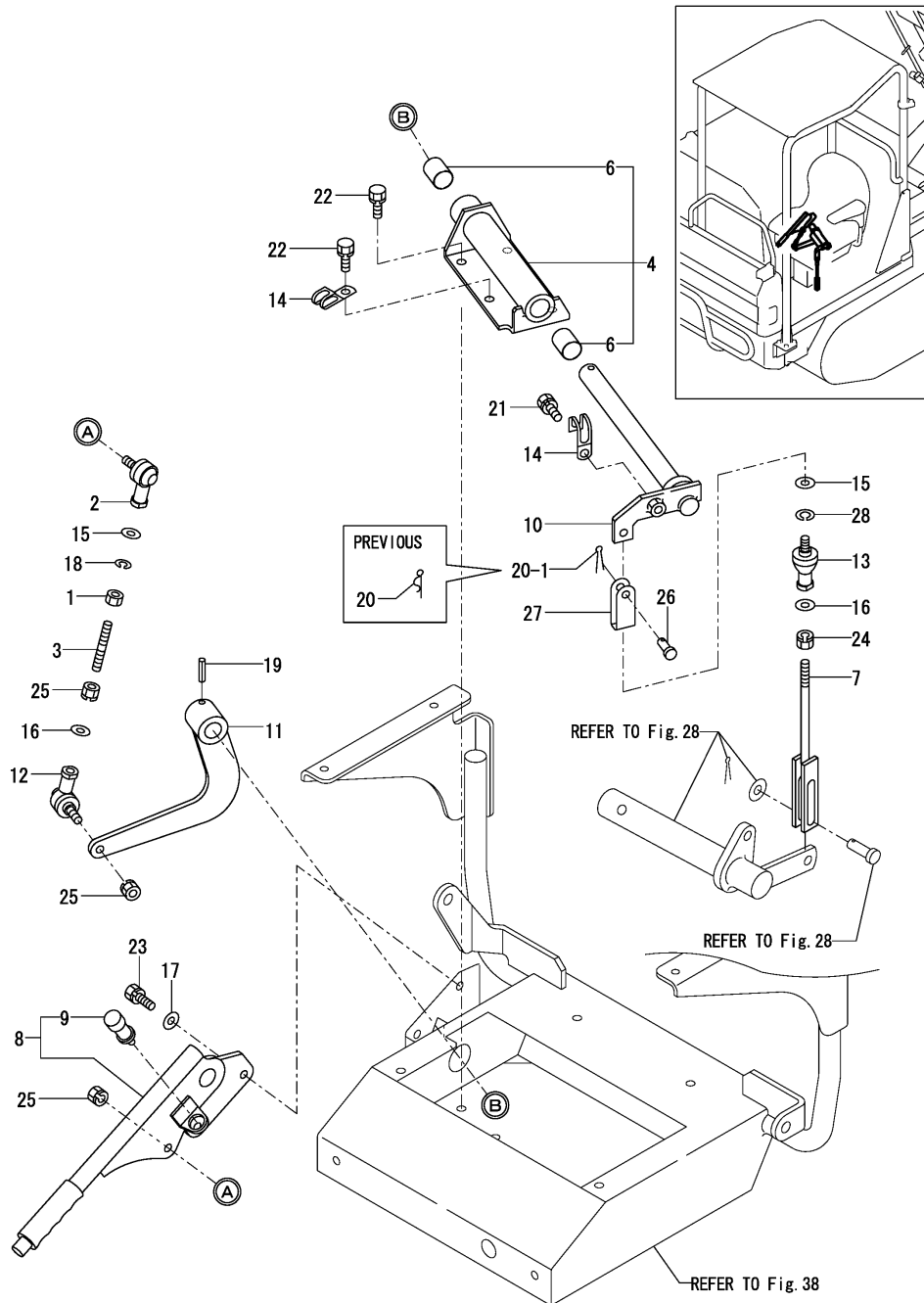
(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-01370	PIN 18X30	1							
2	1	172649-42150	ROD, INCHING	1							
3	1	172649-42252	LINK, INCHING A	1							
4	1	172653-42300	CABLE ASSY, INCHING	1							
4-1	2	172A64-64010	SEAT ASSY	1							N
(A=MZZZZZ)											
4AA	3	172A64-64020	STAY, SEAT	1							W
(A=MZZZZZ)											
4B	3	172A64-64030	CASE, LETTER	1							W
(A=MZZZZZ)											
4B-1	3	172A54-64110	COVER	1							Z
(A=MZZZZZ)											
4C	3	172A64-64050	SCREW, M6.0X16	4							W
(A=MZZZZZ)											
4C-1	3	172A54-64120	SCREW, M5X16	4							Z
(A=MZZZZZ)											
4D	3	26013-080202	BOLT, M8X 20	2							W
(A=MZZZZZ)											
5	1	172141-42960	JOINT, CABLE	1							
6	1	172122-46590	ELBOW	1							
7	1	194440-51620	CLAMP	1							
8	1	172155-58860	SPRING, TURNING	1							
9	1	22117-080000	WASHER, 8	2							
10	1	22117-100000	WASHER, 10	2							
11	1	26051-080002	NUT, M8	1							
12	1	26346-100002	NUT, M10	1							

Fig.27. BRAKE(PARKING)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-20170	NUT, M8	1							
2	1	172734-41300	JOINT, BALL	1							
2-1	1	1E6740-64200	BALL, LINK BL8DL	1							R
(A=MXXX)											
3	1	172732-42450	ROD	1							
4	1	172649-42581	BOSS, PARKING	1							
6	2	24550-020250	BUSH, 20X25	2							
7	1	172649-42680	ROD, PARKING	1							
8	1	172649-42720	LEVER, PARKING	1							
9	2	172649-42740	SWITCH, LEVER	1							
10	1	172649-42731	SHAFT, PARKING	1							
11	1	172649-43010	ARM ASSY	1							
12	1	172122-46590	ELBOW	1							
13	1	172122-47250	BALL 8, LINK	1							
14	1	194440-51620	CLAMP, B	2							
14-1	1	1A1686-57850	CLAMP, 80	2							N
(A=MXXX)											
15	1	22117-080000	WASHER, 8	2							
16	1	22117-080000	WASHER, 8	2							
17	1	22137-080000	WASHER, 8	2							
18	1	22217-080000	WASHER, SPRING 8	1							
19	1	22351-060032	PIN, SPRING 6.0X32	1							
20	1	22372-080000	PIN, SNAP 8	1							
20-1	1	22417-200200	PIN, COTTER 2.0X20	1							N
(A=MXXX)											
21	1	26013-080162	BOLT, SPRING M8X 16	1							
22	1	26013-080202	BOLT, SPRING M8X 20	4							
23	1	26013-080252	BOLT, SPRING M8X 25	2							
24	1	26051-080002	NUT, M8	1							
25	1	26051-080002	NUT, M8	3							
26	1	933171-21700	PIN (B), SPOOL LINK	1							
27	1	933171-21950	JOINT, ROD	1							
28	1	22217-080000	WASHER, SPRING 8	1							W
(A=M/#00518)											

Fig.28. BRAKE(PADAL & ROD)(REAR)

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-11411	BOD (L), LINK	1							
2	1	172730-11440	TURNBUCKLE	1							
3	1	172730-11451	PIN 10.25.29	4							
4	1	172730-11451	PIN 10.25.29	1							
5	1	172162-12480	SPRING, RETURN	1							
6	1	194150-22480	NUT, M10 L	1							
7	1	172653-42200	ROD ASSY	1							
8	1	172649-42420	PEDAL, BRAKE R (72)	1							
8-1	1	172649-42420-1	PEDAL, BRAKE R (49)	1							S
(A=M/#00514)											
10	2	24550-030250	BUSH, 30X25	2							
11	1	172649-42572	ARM, BRAKE	1							
12	1	172649-42650	PEDAL PAD,BRAKE	1							
13	1	172649-43251	ARM ASSY	1							
15	2	24550-045400	BUSH, 45X40	1							
16	1	172649-43300	SPRING, BRAKE	1							
17	1	172649-43350	ROD, BRAKE	1							
18	1	172649-43380	ROD, BRAKE	1							
19	1	172649-45630	PIN, CYLINDER	1							
20	1	172983-86160	SHIM	1							
20-1	1	172983-86161	SHIM	1							R
(A=MXXX)											
20-2	1	172983-86161	SHIM	2							K
(A=MXXX)											
21	1	22137-100000	WASHER, 10	1							
22	1	22137-100000	WASHER, 10	4							
23	1	22137-300000	WASHER, 30	2							
24	1	22242-000200	RING, 20	1							
25	1	22242-000300	RING, 30	1							
26	1	22351-100045	PIN, SPRING 10.0X45	1							
27	1	22417-320200	PIN, COTTER 3.2X20	4							
28	1	22417-320200	PIN, COTTER 3.2X20	1							
29	1	24311-000350	O-RING, 1AP35.0	4							
30	1	24321-000500	O-RING, 1AG50.0	2							
31	1	24761-040000	NIPPLE, GREASE B	2							
32	1	26116-120504	BOLT, M12X 50 PLATED	1							
33	1	26716-100002	NUT, M10	2							
34	1	26716-100002	NUT, M10	2							
35	1	26716-120002	NUT, M12	1							

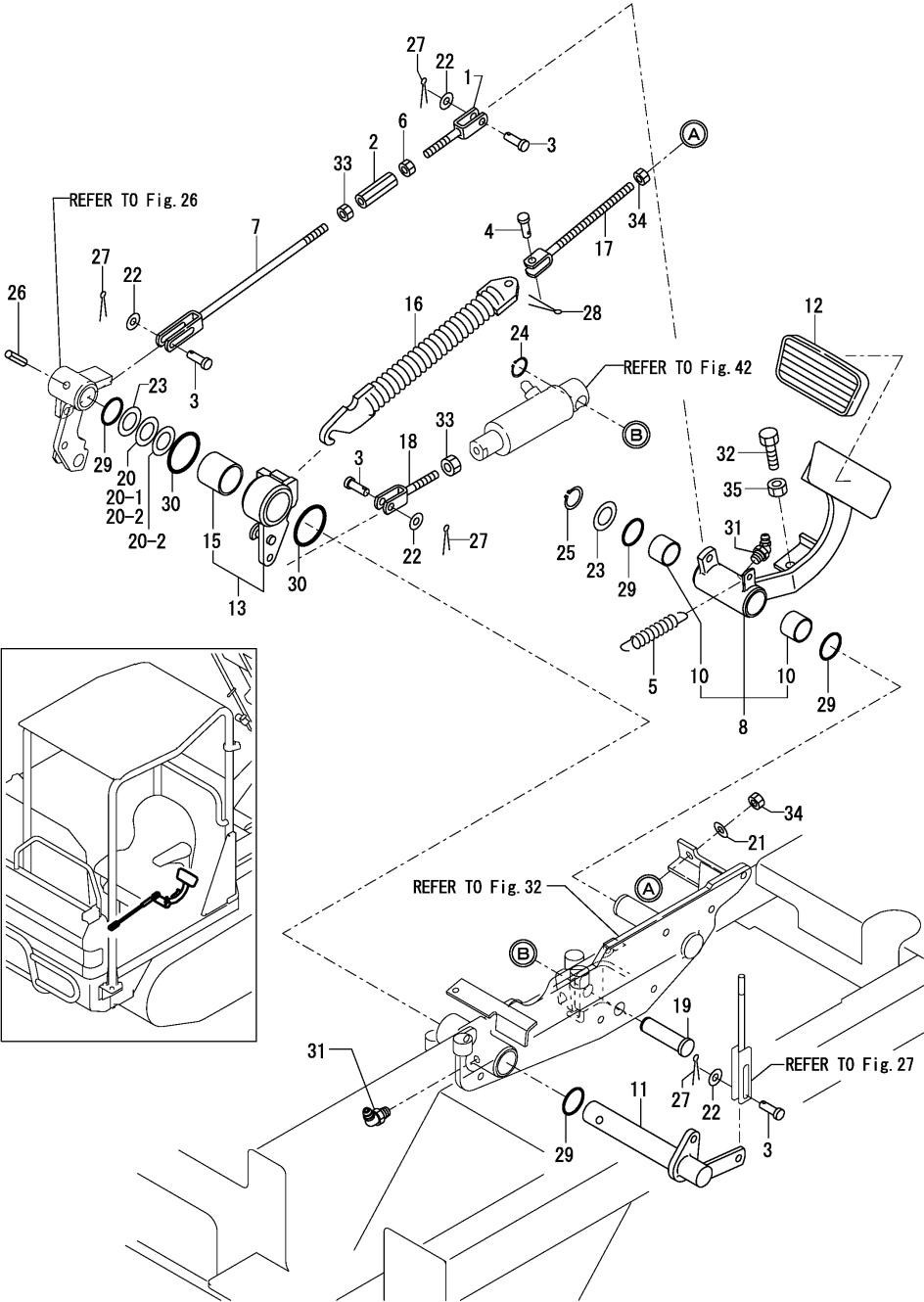
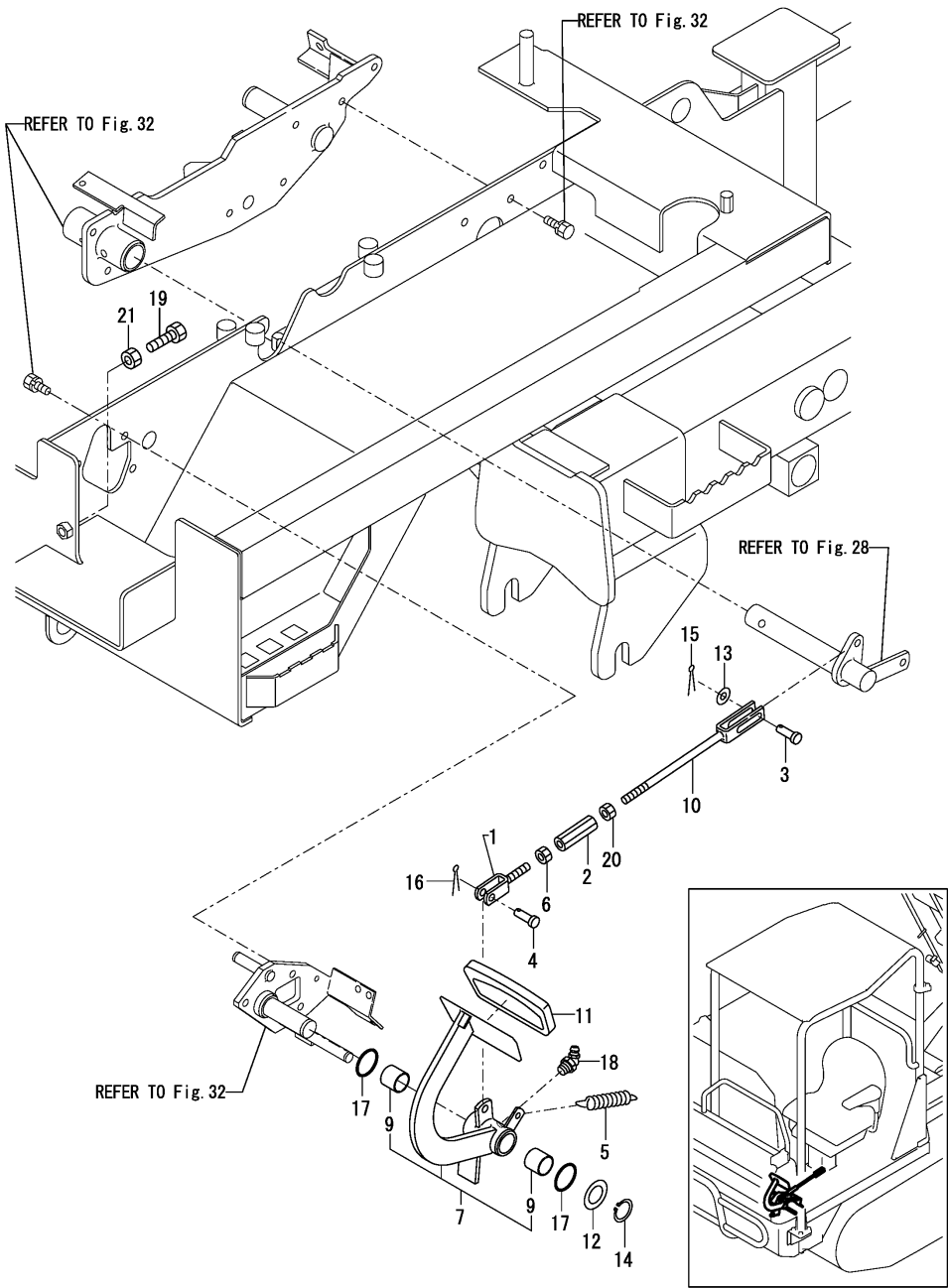


Fig.29. BRAKE(PEDAL & ROD)(FRONT)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-11411	BOD (L), LINK	1							
2	1	172730-11440	TURNBUCKLE	1							
3	1	172730-11451	PIN 10.25.29	1							
4	1	172730-11451	PIN 10.25.29	1							
5	1	172162-12480	SPRING, RETURN	1							
6	1	194150-22480	NUT, M10 L	1							
7	1	172649-42390	PEDAL, BRAKE F (72)	1							
7-1	1	172649-42390-1	PEDAL, BRAKE F (49)	1							S
(A=M/#00514)											
9	2	24550-025250	BUSH, 25X25	2							
10	1	172649-42521	ROD, BRAKE	1							
11	1	172649-42650	PEDAL PAD,BRAKE	1							
12	1	172165-47990	WASHER 25.5X42	1							
13	1	22137-100000	WASHER, 10	1							
14	1	22242-000250	RING, 25	1							
15	1	22417-320200	PIN, COTTER 3.2X20	1							
16	1	22417-320200	PIN, COTTER 3.2X20	1							
17	1	24311-000320	O-RING, 1AP32.0	2							
18	1	24761-040000	NIPPLE, GREASE B	1							
19	1	26116-120504	BOLT, M12X 50 PLATED	1							
20	1	26716-100002	NUT, M10	1							
21	1	26716-120002	NUT, M12	1							

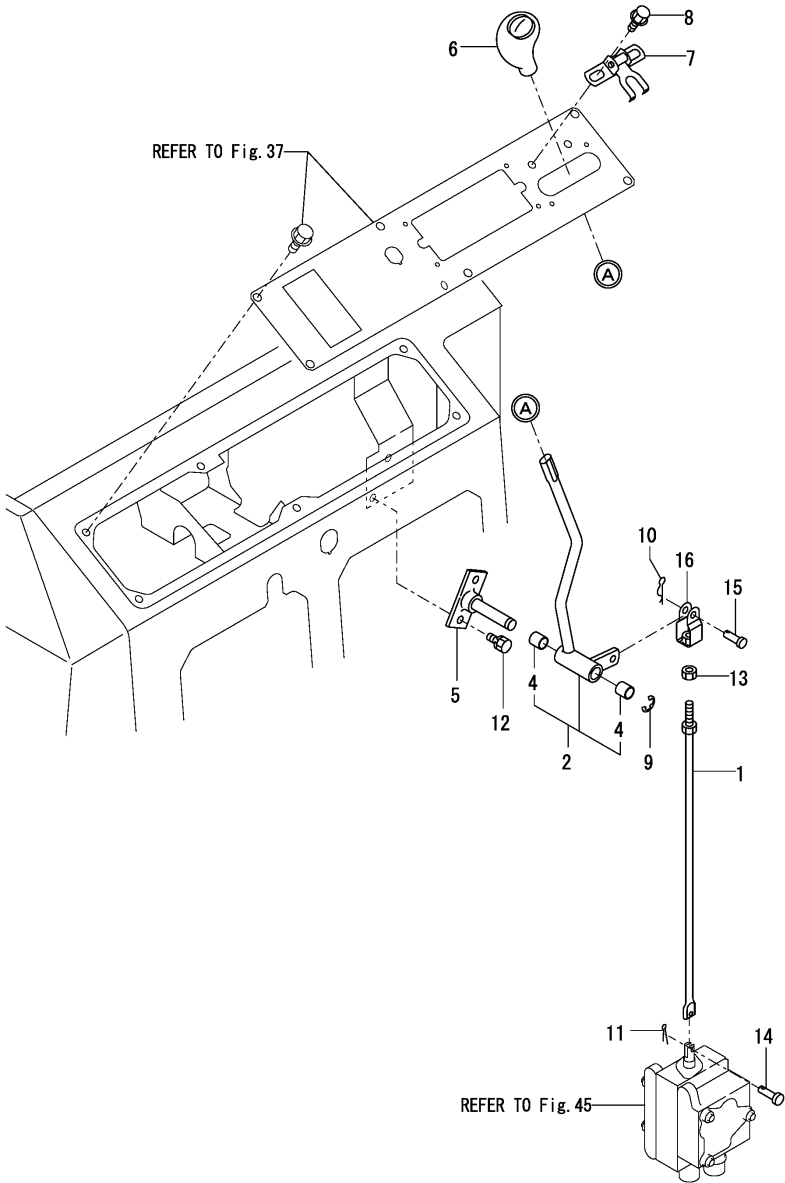
Fig.30. BRAKE(LINK)

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-01370	PIN 18X30	2							
2	1	172730-11451	PIN 10.25.29	4							
3	1	172644-23350	LINER 25X34X1.5	1							
4	1	172653-42100	WASHER	4							
5	1	172649-42480	STOPPER, ARM	1							
6	1	172649-42512	PLATE, BRAKE	2							
7	1	172649-42791	BRACKET, SHAFT (72)	1							
7-1	1	172649-42791-1	BRACKET, SHAFT (49)	1							S
(A=M/#00514)											
9	2	24550-016150	BUSH, 16X15	2							
10	1	172649-42841	ARM, BRAKE	1							
11	1	172649-42871	ARM, BALANCER	1							
12	1	172649-42911	ARM, BRAKE	1							
13	1	172649-42941	ARM, BRAKE	1							
14	1	172649-42970	PIN, BALANCER	1							
15	1	172649-42981	ROD, BRAKE	2							
16	1	172649-43200	RING, 25X30X38.5	2							
17	1	172649-43210	BEARING	2							
18	1	172649-43220	SEAL, DS30374	4							
19	1	172738-47860	NUT, M10	4							
20	1	172165-47980	SHIM	3							
20-1	1	172165-47980	SHIM	6							K
(A=MXXX)											
21	1	172165-47990	WASHER 25.5X42	1							
22	1	1E6710-53040	PLUG 1/8,TAPER SCREW	1							
23	1	22137-100000	WASHER, 10	4							
24	1	22137-120000	WASHER, 12	2							
25	1	22242-000250	RING, 25	1							
26	1	22351-100045	PIN, SPRING 10.0X45	1							
27	1	22417-320200	PIN, COTTER 3.2X20	4							
28	1	24104-060054	BEARING, BALL 6005UU	2							
29	1	24761-040000	NIPPLE, GREASE B	1							
30	1	26013-080202	BOLT, M8X 20	2							
31	1	26013-100252	BOLT, M10X 25	4							
32	1	26116-080304	BOLT, M8X 30 PLATED	2							
33	1	26346-120002	NUT, M12	2							
34	1	26716-080002	NUT, M8	2							
35	1	933147-02550	WASHER 2542	1							
36	1	933153-01280	SPRING, RETURN	1							

Fig.31. LEVER , HYDR.

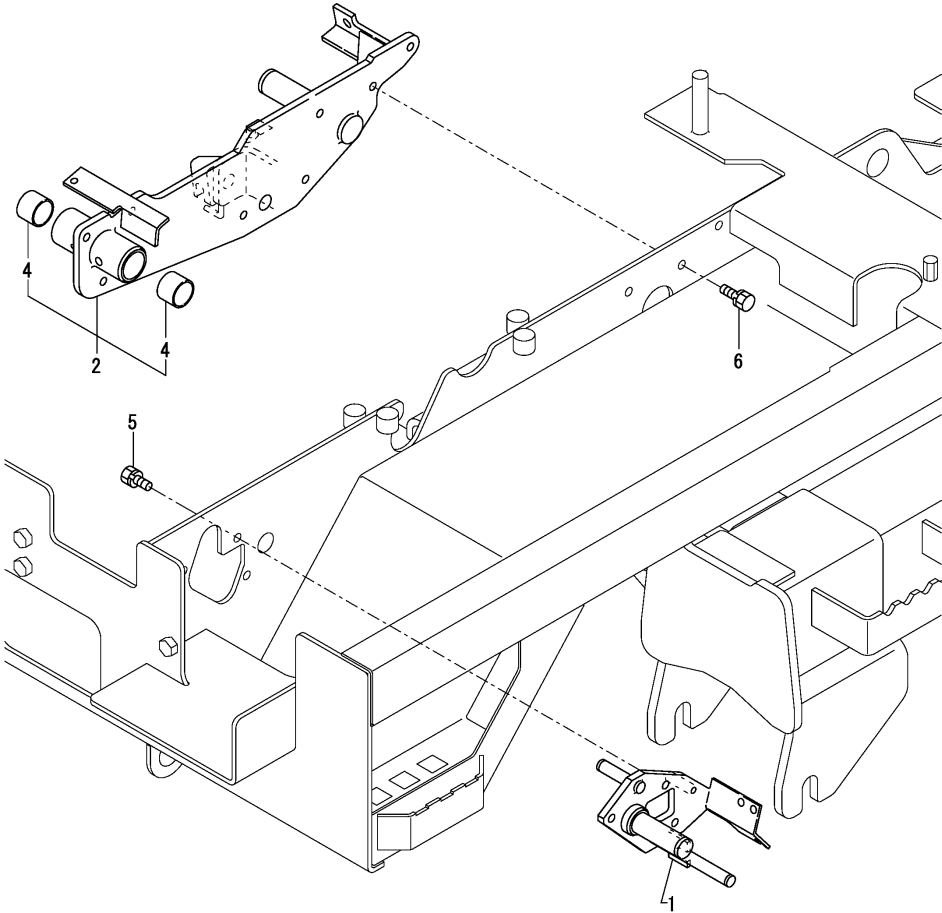


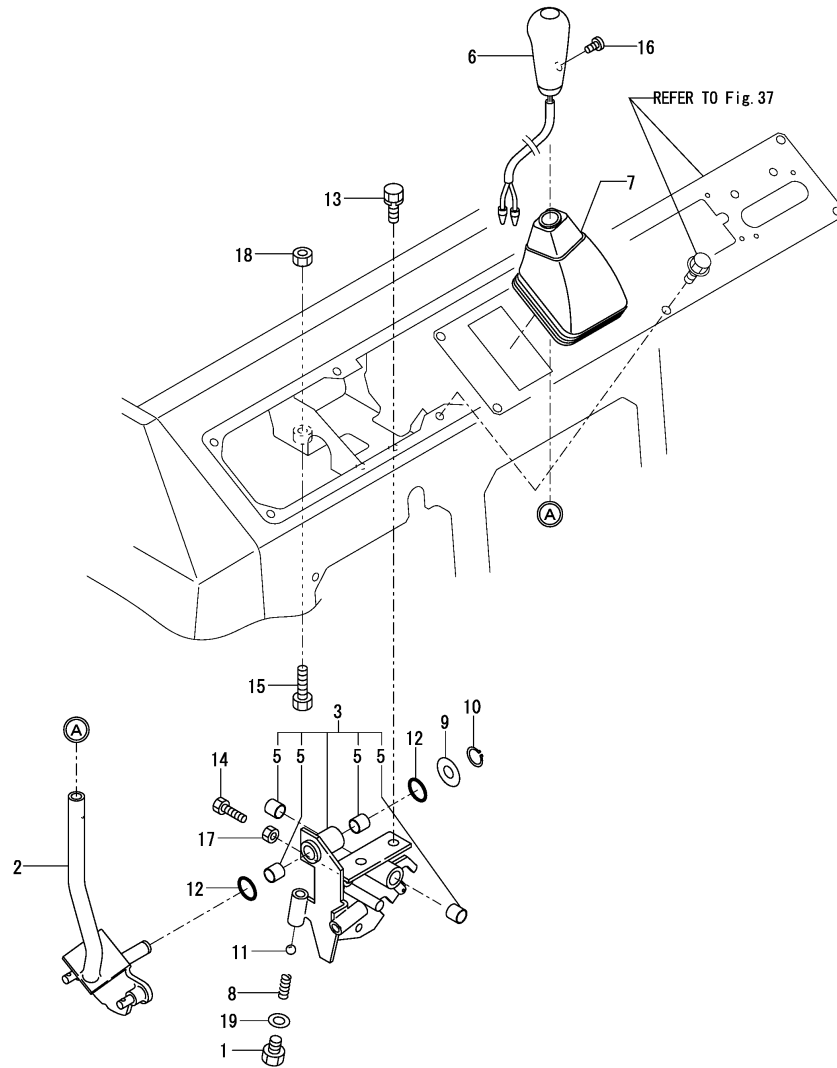
OCS10-M47002 Fig.31											
				(A)=C30R-US					(D)=		
				(B)=					(E)=		
				(C)=					(F)=		
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172150-42730	LOD(B), SPOOL	1							
2	1	172653-45100	LEVER,DUMP (GRAY:72)	1							
2-1	1	172653-45100-1	LEVER,DUMP (GRAY:49)	1							S
(A=M/#00514)											
4	2	24550-013150	BUSH, 13X15	2							
5	1	172649-45130	SHAFT, LEVER	1							
6	1	172649-45200	KNOB, LEVER	1							
7	1	172730-62250	STOPPER, LEVER	1							
7-1	1	172730-62250-1	STOPPER, LEVER	1							S
(A=M/#00514)											
8	1	172519-63240	BOLT	2							
9	1	22272-000100	RING, E-10	1							
10	1	22372-080000	PIN, SNAP 8	1							
11	1	22417-160160	PIN, COTTER 1.6X16	1							
12	1	26013-080162	BOLT, M8X 16	2							
13	1	26716-080002	NUT, M8	1							
14	1	933110-54100	PIN 4.75X14	1							
15	1	933171-21700	PIN (B), SPOOL LINK	1							
16	1	933171-21950	JOINT, ROD	1							

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172649-45400	PLATE, LINK F (GRAY:72	1							
1-1	1	172649-45401	PLATE, LINK F (GRAY:72	1						N	
(A=M/#00514)											
1-2	1	172649-45401-1	PLATE, LINK F (GRAY:49	1						S	
(A=M/#00514)											
2	1	172649-45491	PLATE, LINK R (GRAY:72	1							
2-1	1	172649-45491-1	PLATE, LINK R (GRAY:49	1						S	
(A=M/#00514)											
4	2	24550-030250	BUSH, 30X25	2							
5	1	26013-100202	BOLT, M10X 20	3							
6	1	26013-100202	BOLT, M10X 20	8							



[illegible]

Remarks
(1)A KNOB WITH A BUILT-IN
HORN SWITCH.

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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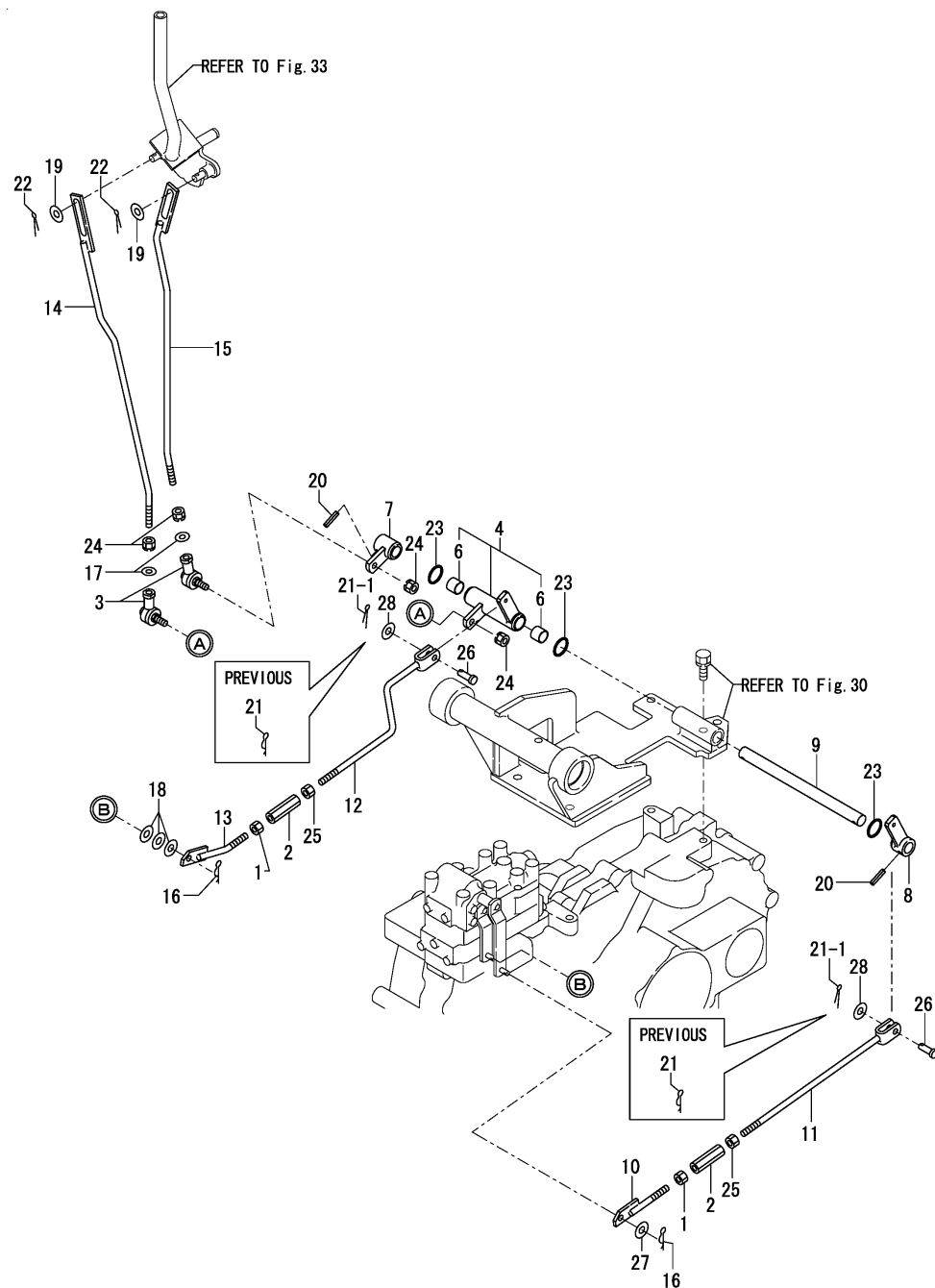
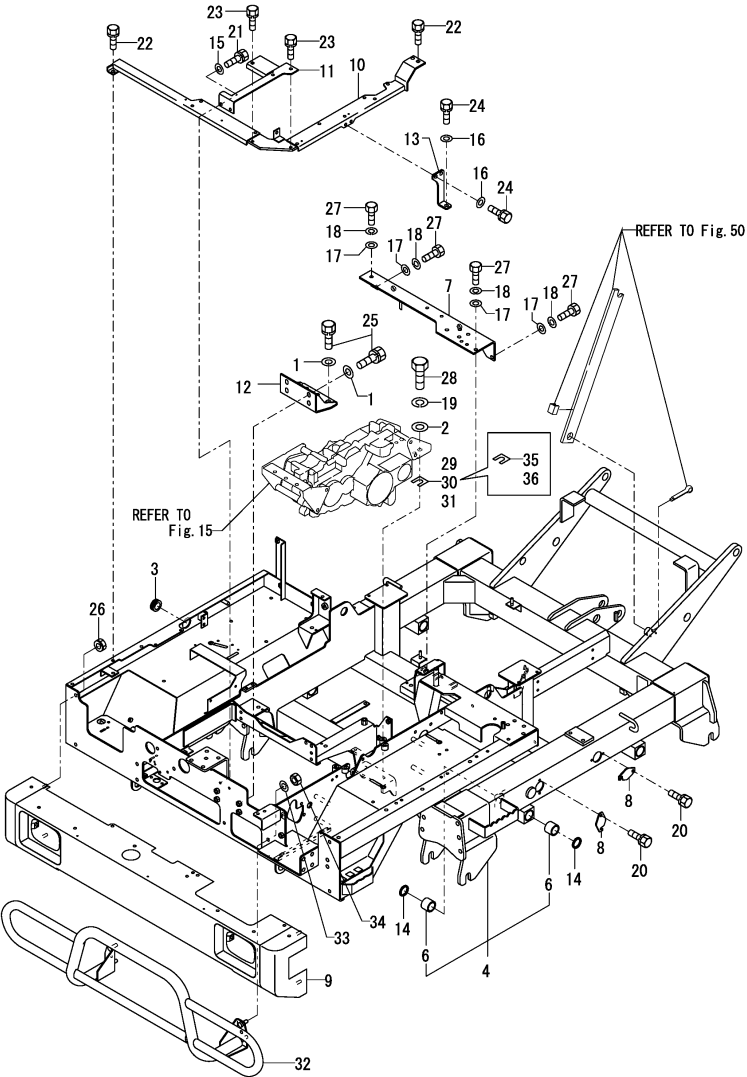
[illegible]

Fig.35. FRAME & BUMPER

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=



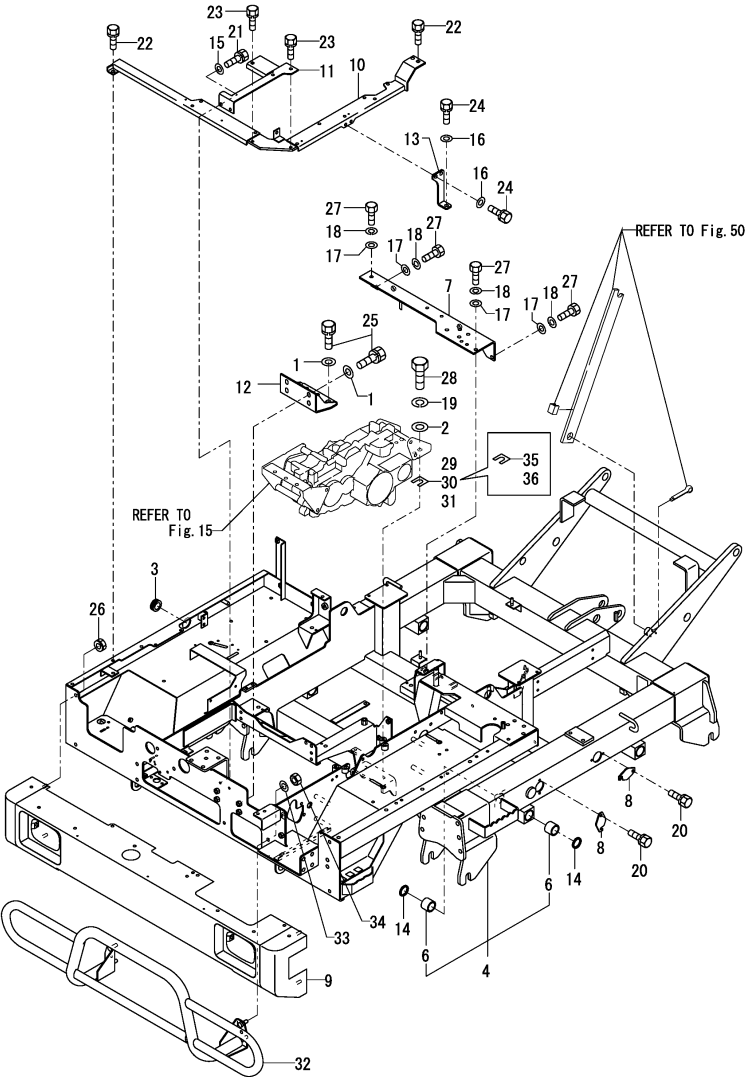
Remarks
(1)PLEASE USE THIS PART WITH FOLLOW-
ING LABELS AT THE SAME TIME.
REF.NO.37A.
(2)PLEASE USE THIS PART WITH FOLLOW-
ING LABELS AT THE SAME TIME.
REF.NO.38A.
(3)LABELS ARE NOT ILLUSTRATED.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-05250	WASHER	7							
2	1	172649-22330	WASHER 15X32	2							
3	1	172141-50890	GROMMET	1							
4	1	172653-51091-1	FRAME ASSY	1							1
4-1	1	172653-51092-3	FRAME ASSY(GREEN:82)	1						Q	1
(A=M/#00514)											
4-2	1	172653-51092-1	FRAME ASSY	1						S	1
(A=M/#00514)											
6	2	172110-81570	BUSH 135X35	8							
7	1	172653-51700-1	MEMBER, CROSS	1							
7-1	1	172653-51700-2	MEMBER, CROSS	1						S	
(A=M/#00514)											
8	1	172653-51800-1	COVER, FRAME	4							
8-1	1	172653-51800-2	COVER, FRAME	4						S	
(A=M/#00514)											
9	1	172653-52100-1	FRAME ASSY, FRONT	1							
9-1	1	172653-52100-2	FRAME ASSY, FRONT	1						S	
(A=M/#00514)											
10	1	172649-52300-1	BRACKET, STEP	1							
10-1	1	172649-52300-2	BRACKET ASSY, STEP	1						S	
(A=M/#00514)											
11	1	172653-52300-1	BRACKET, STEP	1							
11-1	1	172653-52300-2	BRACKET ASSY, STEP	1						S	
(A=M/#00514)											
12	1	172649-52400-1	BRACKET ASSY	1							
12-1	1	172649-52400-2	BRACKET ASSY	1						S	
(A=M/#00514)											
13	1	172649-52450-1	PLATE	1							
13-1	1	172649-52450-2	PLATE	1						S	
(A=M/#00514)											
14	1	172448-81610	SEAL, DUST 35X45X4	8							
15	1	22137-080000	WASHER, 8	2							
16	1	22137-100000	WASHER, 10	3							
17	1	22137-100000	WASHER, 10	4							
18	1	22217-100000	WASHER, SPRING 10	4							
19	1	22217-140000	WASHER, SPRING 14	2							
20	1	26013-080122	BOLT, M8X 12	8							
20-1	1	26014-080122	BOLT, M8X 12	8							N
(A=MXXX)											
20-2	1	26106-080102	BOLT, M8X 10 PLATED	8							N
(A=MXXXXX)											
21	1	26013-080162	BOLT, M8X 16	2							
22	1	26013-100252	BOLT, M10X 25	3							
23	1	26013-100252	BOLT, M10X 25	2							
24	1	26013-100252	BOLT, M10X 25	3							
25	1	26013-120302	BOLT, M12X 30	7							
26	1	26051-100002	NUT, M10	4							
27	1	26076-100252	BOLT, 10.910X 25	4							
28	1	26076-140502	BOLT, 10.914X 50	2							
29	1	933171-17760	SHIM, T=0.8	2							Z
(A=M/#00501)											

Fig.35. FRAME & BUMPER

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

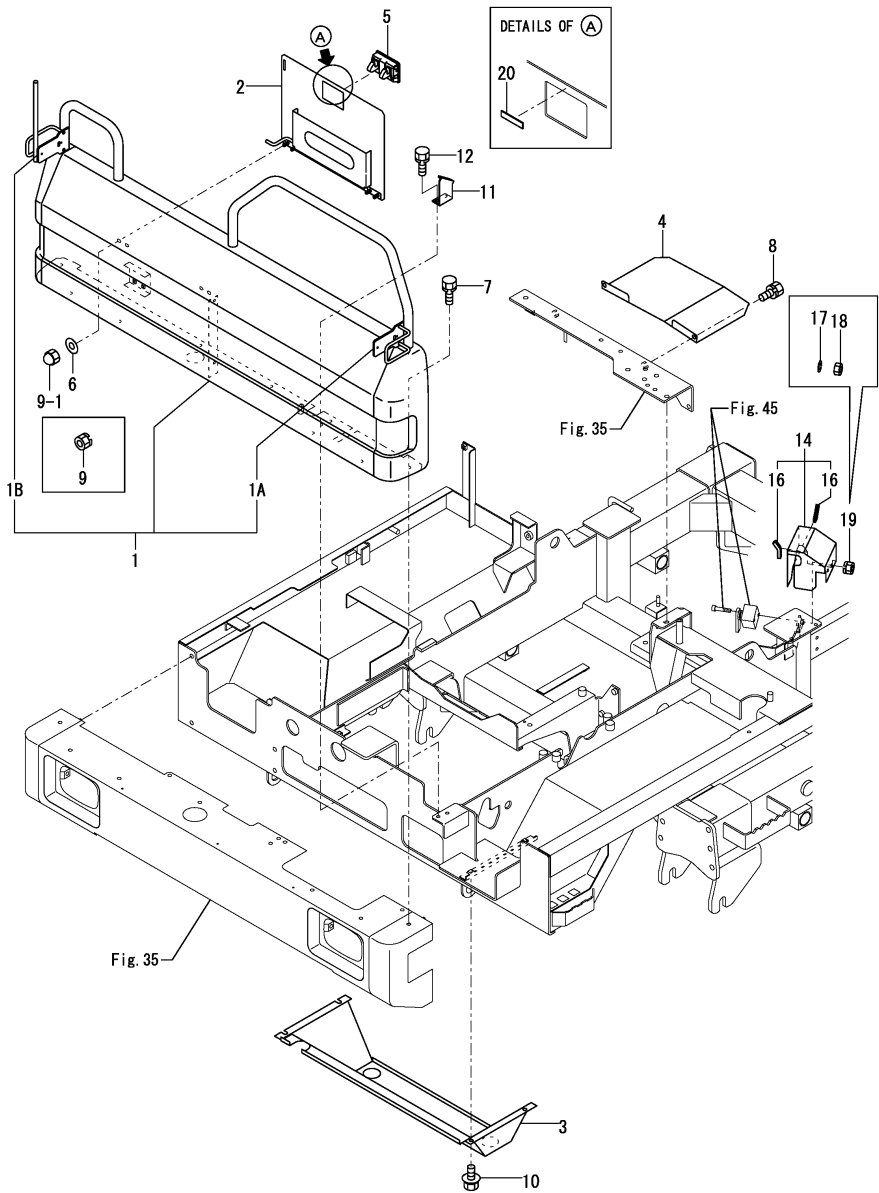


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
30	1	933171-17780	SHIM, T=1.6	2							Z
(A=M/#00501)											
31	1	933171-17790	SHIM, T=2.3	2							Z
(A=M/#00501)											
32	1	172649-53100-1	BUMPER ASSY	1							2
32-1	1	172649-53100	BUMPER ASSY	1						S	2
(A=M/XXX)											
32-2	1	172649-53100-2	BUMPER ASSY	1						S	2
(A=M/#00514)											
33	1	22217-120000	WASHER, SPRING 12	4							
34	1	26716-120002	NUT, M12	4							
35	1	172117-53320	SPACER ASSY	2							W
(A=M/#00501)											
36	1	172423-68350	SHIM	5							W
(A=M/#00501)											
37A	1	172437-03422	LABEL, MUFFLER	1							3
38A	1	172653-03440	LABEL, BUMPER US	1							3

Remarks
(1)PLEASE USE THIS PART WITH FOLLOW-
ING LABELS AT THE SAME TIME.
REF.NO.37A.
(2)PLEASE USE THIS PART WITH FOLLOW-
ING LABELS AT THE SAME TIME.
REF.NO.38A.
(3)LABELS ARE NOT ILLUSTRATED.

(A)=C30R-US
(B)=
(C)=

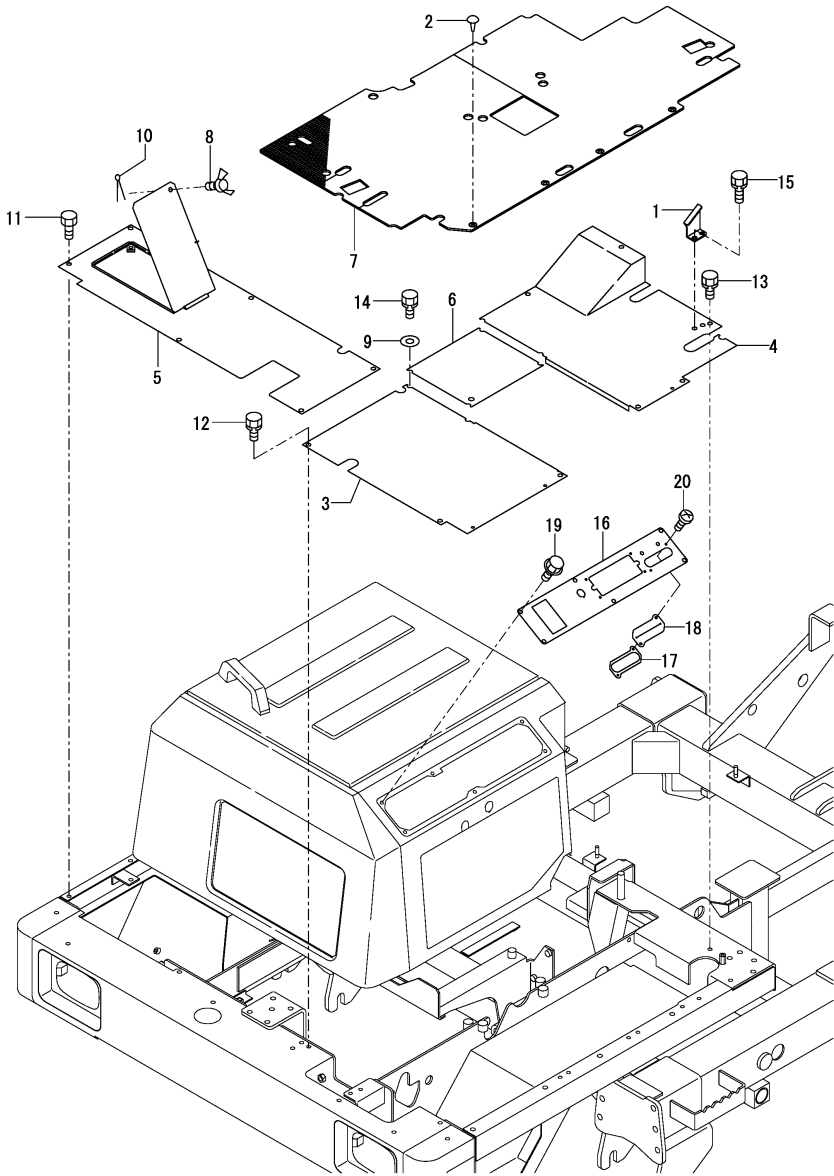
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172653-61101-1	COVER	1							1
1-1	1	172653-61101-2	COVER	1						S	1
(A=M/#01001)											
1A	2	172653-61150-1	STAY ASSY, WINKER	1							W
(A=MXXX)											
1B	2	172653-61170-1	STAY ASSY, WINKER	1							W
(A=MXXX)											
2	1	172649-61280-5	COVER, TOOL BOX	1							S
2-1	1	172649-61280-1	COVER, TOOL BOX	1							S
(A=MXXX)											
3	1	172653-61350-1	COVER	1							S
3-1	1	172653-61350-2	COVER	1							S
(A=M/#00514)											
4	1	172653-61400-1	COVER, PUMP	1							S
4-1	1	172653-61400-2	COVER, PUMP	1							S
(A=M/#00514)											
5	1	172187-61421	HANDLE, LOCK	1							
6	1	22137-080000	WASHER, 8	4							
7	1	26013-100202	BOLT, M10X 20	8							
8	1	26013-100252	BOLT, M10X 25	2							
9	1	26051-080002	NUT, M8	4							
9-1	1	26657-080002	NUT, CAP M8	4							N
(A=MXXX)											
10	1	26106-100202	BOLT, M10X 20 PLATED	4							
11	1	172653-61500	PLATE, GAUGE	1							
11-1	1	172653-61500-1	PLATE, GAUGE	1							S
(A=M/#00514)											
12	1	26013-100252	BOLT, M10X 25	2							
13A	1	172653-03430	LABEL,PK BRAKE US	1							2
13B	1	172653-03520	LABEL,BRAKE US	1							2
14	1	172653-61600	COVER, INCHING	1							W
(A=MXXX)											
16	2	172445-62010	TRIM	2							W
(A=MXXX)											
17	1	22217-080000	WASHER, SPRING 8	2							W
(A=MXXX)											
17-1	1	22217-080000	WASHER, SPRING 8	2							Z
(A=MXXX)											
18	1	26716-080002	NUT, M8	2							W
(A=MXXX)											
18-1	1	26716-080002	NUT, M8	2							Z
(A=MXXX)											
19	1	26051-080002	NUT, M8	2							W
(A=MXXX)											
20	1	172655-62140	RUBBER PLATE, STEP	1							W
(A=MZZZZZ)											

Remarks
(1)Please use this part with following labels at the same time.
Ref.No.13A & 13B.
(2)Labels are not illustrated.

Fig.37. STEP & INSTRUMENT PANEL



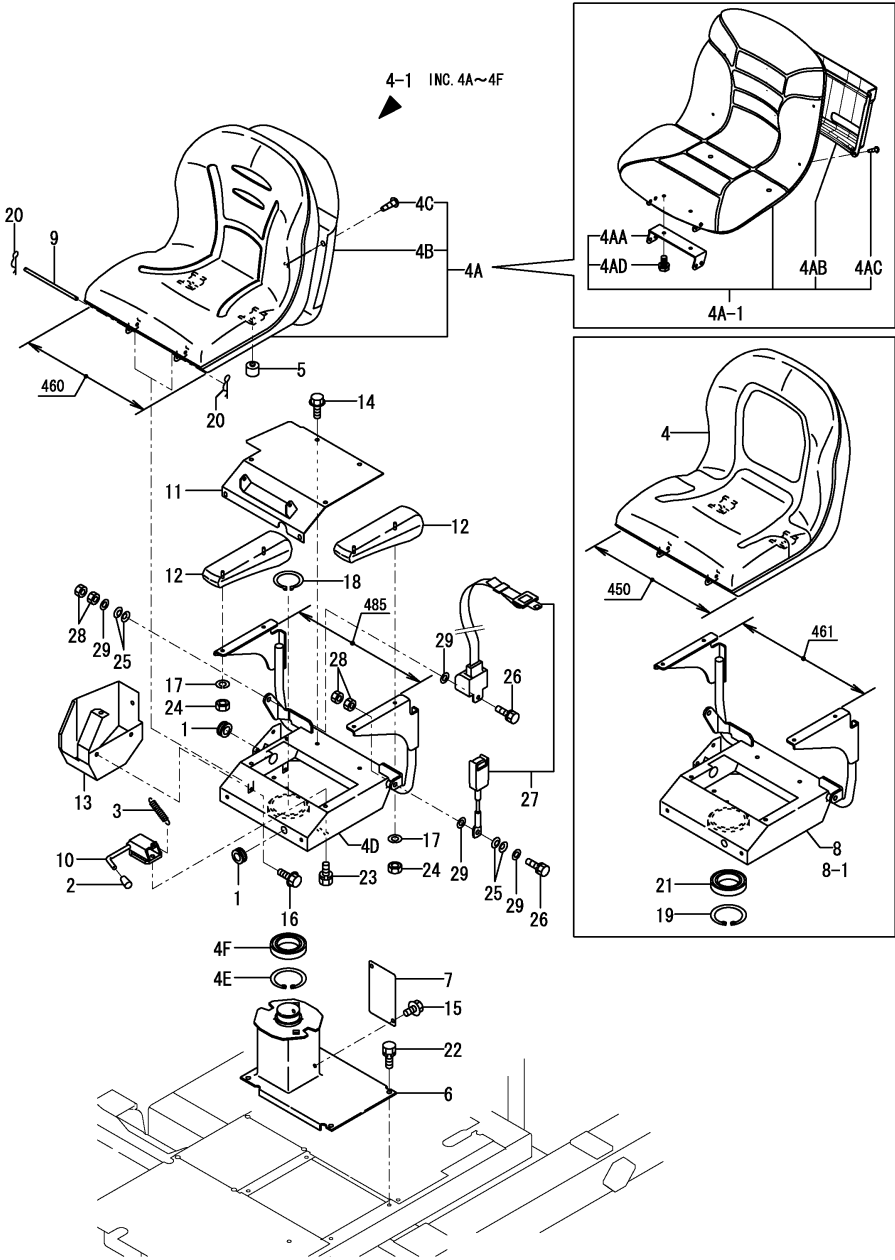
(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172653-61510	PLATE B,GAUGE(RED:50	1							
1-1	1	172653-61510-1	PLATE B,GAUGE(RED:10)	1							S
(A=M/#00514)											
2	1	172527-61980	CLIP	4							
3	1	172649-62101	STEP	1							
3-1	1	172649-62101-1	STEP	1							S
(A=M/#00514)											
4	1	172649-62113	STEP	1							
4-1	1	172649-62113-1	STEP	1							S
(A=M/#00514)											
5	1	172653-62150-1	STEP	1							1
5-1	1	172653-62150-2	STEP	1							S 1
(A=M/#00514)											
6	1	172649-62190	STEP	1							
6-1	1	172649-62190-1	STEP	1							S
(A=M/#00514)											
7	1	172653-62250	FLOOR MAT,US	1							
8	1	172142-62300	WING BOLT M10X15	1							
8-1	1	172142-62301	WING BOLT,M10X20	1							N
(A=MXXX)											
9	1	22137-100000	WASHER, 10	4							
10	1	22417-320200	PIN, COTTER 3.2X20	1							
11	1	26013-100202	BOLT, M10X 20	6							
12	1	26013-100202	BOLT, M10X 20	3							
13	1	26013-100202	BOLT, M10X 20	5							
14	1	26013-100202	BOLT, M10X 20	4							
15	1	26013-100252	BOLT, M10X 25	2							
16	1	172649-63100	PANEL,INSTRUMENT(72)	1							
16-1	1	172649-63100-1	PANEL,INSTRUMENT(49)	1							S
(A=M/#00514)											
17	1	172649-63120	PLATE,GUIDE(GRAY:72)	1							
17-1	1	172649-63120-1	PLATE,GUIDE(GRAY:49)	1							S
(A=M/#00514)											
18	1	172649-63140	PLATE, RUBBER	1							
19	1	172162-68370	BOLT, M8X12	6							
20	1	26589-040122	SCREW, M4X12	2							
21A	1	172437-03361	LABEL, BATTERY US	1							2

Remarks
(1)PLEASE USE THIS PART WITH FOLLOW-
ING LABELS AT THE SAME TIME.
REF.NO.21A.
(2)LABELS ARE NOT ILLUSTRATED.

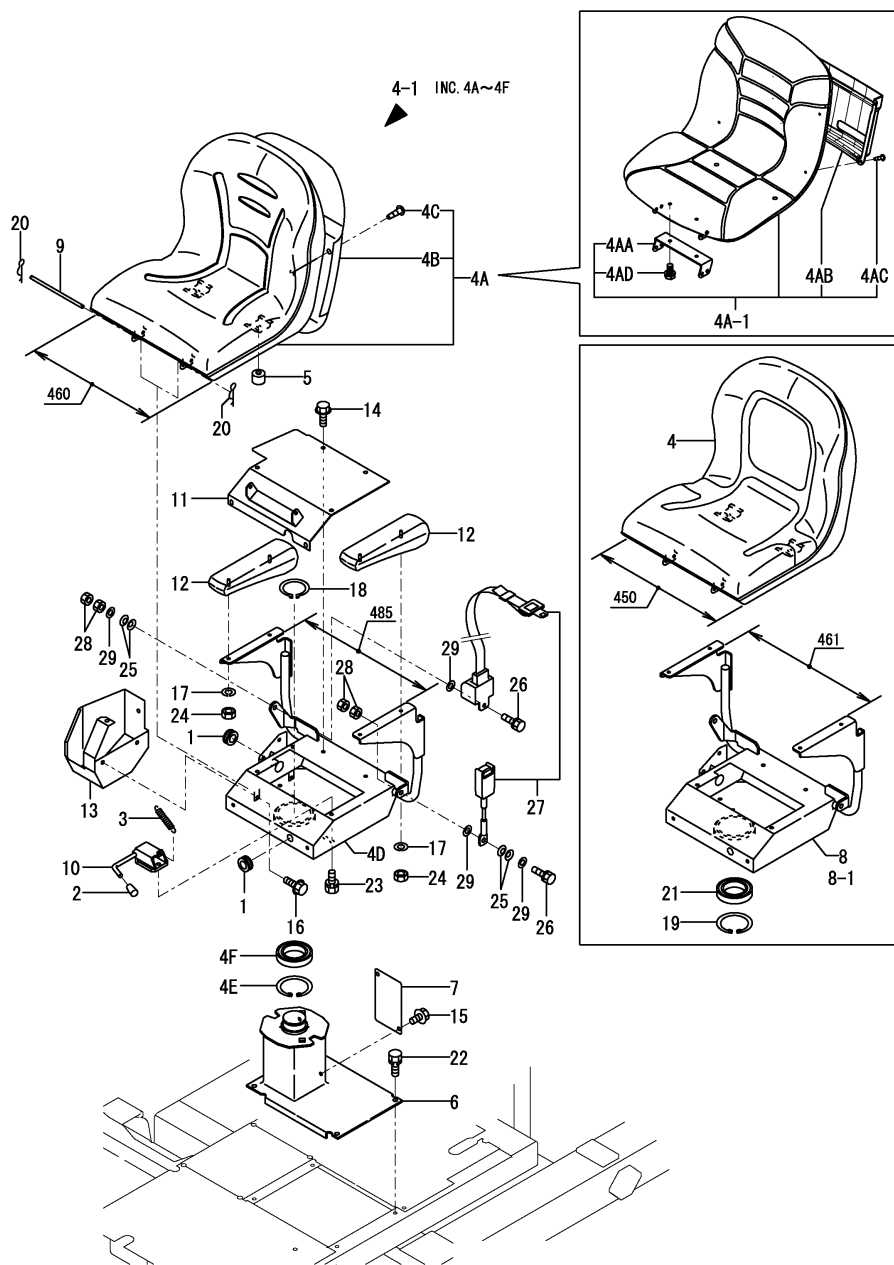
Fig.38. SEAT & MOUNT



Remarks
(1)THE EXCHANGE ONLY FOR SEAT IS NOT POSSIBLE.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172725-16380	GROMMET	2							
2	1	172116-46630	KNOB, LEVER	1							
3	1	1E8100-63750	SPRING, 1.6X16X55	1							
4	1	172649-64101	SEAT ASSY, OPERATOR	1							
4-1	1	172653-08600	SEAT KIT	1						N	1
(A=MXXX)											
4A	2	172A54-64100	SEAT ASSY, OPERATOR	1							W
(A=MXXX)											
4A-1	2	172A64-64010	SEAT ASSY	1							N
(A=MZZZZZ)											
4AA	3	172A64-64020	STAY, SEAT	1							W
(A=MZZZZZ)											
4AB	3	172A64-64030	CASE, LETTER	1							W
(A=MZZZZZ)											
4AC	3	172A64-64050	SCREW, M6.0X16	4							W
(A=MZZZZZ)											
4AD	3	26013-080202	BOLT, M8X 20	2							W
(A=MZZZZZ)											
4B	3	172A54-64110	COVER	1							W
(A=MXXX)											
4B-1	3	172A54-64110	COVER	1							Z
(A=MZZZZZ)											
4C	3	172A54-64120	SCREW, M5X16	4							W
(A=MXXX)											
4C-1	3	172A54-64120	SCREW, M5X16	4							Z
(A=MZZZZZ)											
4D	2	172653-64311	BRACKET ASSY,SEAT(49	1							W
(A=MXXX)											
4E	2	22252-000950	RING, 95	1							W
(A=MXXX)											
4F	2	24104-060124	BEARING, BALL 6012UU	1							W
(A=MXXX)											
5	1	172649-64150	CUSHION, SEAT	2							
6	1	172649-64203	MOUNT,SEAT (GRAY:72)	1							
6-1	1	172649-64203-1	MOUNT,SEAT (GRAY:49)	1							S
(A=M/#00514)											
7	1	172649-64261	COVER	1							
7-1	1	172649-64261-1	COVER	1							S
(A=M/#00514)											
8	1	172653-64310	BRACKET,SEAT(GRAY:72	1							
8-1	1	172653-64310-1	BRACKET,SEAT(GRAY:49	1							S
(A=M/#00514)											
8-2	1	172653-64310-1	BRACKET,SEAT(GRAY:49	1							Z
(A=MXXX)											
9	1	172156-64420	PIN	1							
10	1	172649-64452	STOPPER, SEAT	1							
10-1	1	172649-64452-1	STOPPER, SEAT	1							S
(A=M/#00514)											
11	1	172649-64491	COVER ASSY, MOUNT	1							
11-1	1	172649-64491-1	COVER ASSY, MOUNT	1							S
(A=M/#00514)											

Fig.38. SEAT & MOUNT



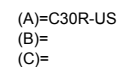
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
12	1	172649-64580	ARMREST	2							
13	1	172649-64650	COVER, LEVER	1							
13-1	1	172649-64650-1	COVER, LEVER	1							S
(A=M/#00514)											
14	1	172162-68370	BOLT, M8X12	7							
15	1	172162-68370	BOLT, M8X12	2							
16	1	172162-68370	BOLT, M8X12	2							
17	1	22217-060000	WASHER, SPRING 6	4							
18	1	22242-000600	RING, 60	1							
19	1	22252-000950	RING, 95	1							Z
(A=MXXX)											
20	1	22372-080000	PIN, SNAP 8	2							
21	1	24104-060124	BEARING, BALL 6012UU	1							Z
(A=MXXX)											
22	1	26013-100202	BOLT, M10X 20	4							
23	1	26013-100202	BOLT, M10X 20	2							
24	1	26716-060002	NUT, M6	4							
25	1	172652-64220	SPRING	4							
26	1	172433-64511	BOLT 7/16-20-UNF	2							
27	1	172A23-64770	SEAT BELT ASSY	1							
28	1	172187-64831	NUT	4							
29	1	22137-120000	WASHER, 12	4							

Remarks
(1)THE EXCHANGE ONLY FOR SEAT IS NOT
POSSIBLE.

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.39. BONNET



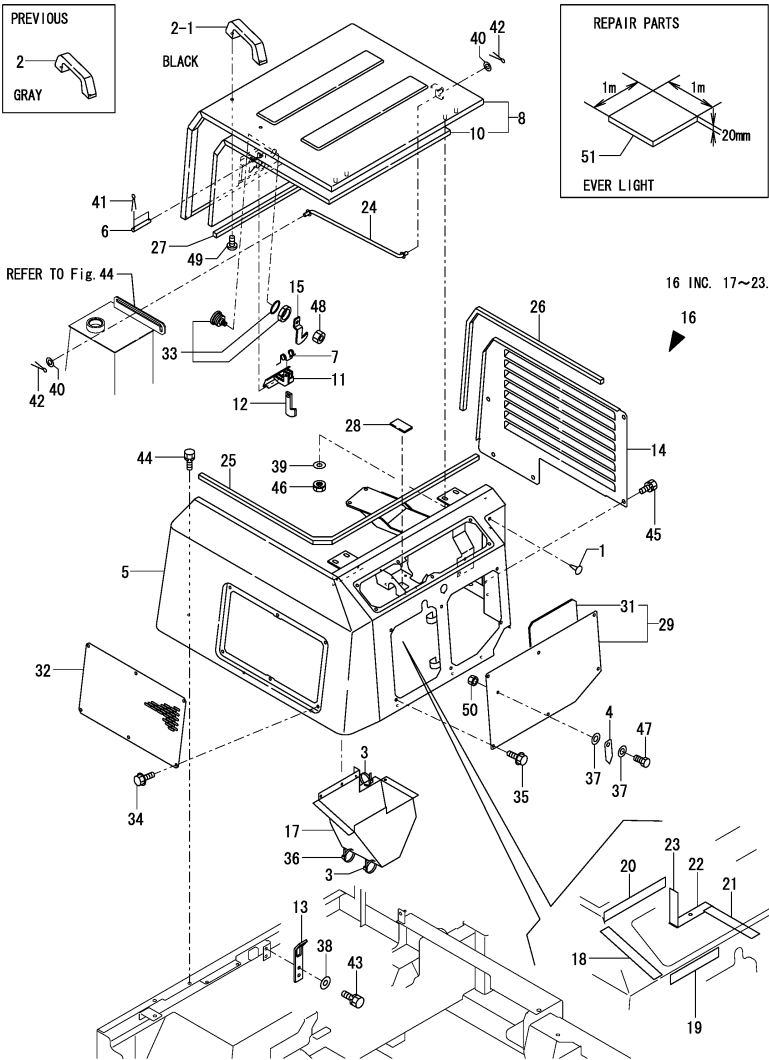
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE	2							
2	1	172164-45980	GRIP, BONNET	1							
2-1	1	172164-45981	GRIP, BONNET	1							N
(A=MXXX)											
3	1	1A1380-55310	CLAMP, WIRE	2							
4	1	172652-63150	STAY, GAUGE	1							
4-1	1	172652-63150-2	STAY, GAUGE	1							S
(A=M/#00514)											
5	1	172653-65110-1	BONNET (YELLOW:87)	1							1
5-1	1	172653-65110-2	BONNET (YELLOW:2J)	1							S 1
(A=M/#01001)											
6	1	172734-65260	PIN, BONNET LEVER	1							
7	1	172734-65270	SPRING, CATCH	1							
8	1	172653-65400-1	COVER, BONNET	1							2
8-1	1	172653-65400-2	COVER, BONNET	1							S 2
(A=M/#01001)											
10	2	172649-65521	SPONGE	1							
11	1	172124-65450	LEVER, LOCK	1							
12	1	172124-65480	CATCHER	1							
13	1	172124-65490	PLATE,CATCH	1							
14	1	172649-65540-5	BONNET,REAR(YELLOW87	1							
14-1	1	172649-65540-1	BONNET,REAR(YELLOW2J	1							S
(A=M/#01001)											
15	1	172126-65571	WASHER LOCK	1							
16	1	772649-65570	MAGIC CLOTH SET	1							W
(A=M/#00518)											
17	2	172649-65570	COVER, CONTROL	1							
18	2	172649-65580	MAGIC CLOTH 130	1							
19	2	172649-65590	MAGIC CLOTH 145	1							
20	2	172649-65630	MAGIC CLOTH 185	1							
21	2	172649-65640	MAGIC CLOTH 145	1							
22	2	172649-65650	MAGIC CLOTH 110	1							
23	2	172649-65660	MAGIC CLOTH 90	1							
24	1	172653-65600	ROD ASSY,STOPPER	1							
25	1	172649-65750	RUBBER, SEAL	1							
26	1	172649-65760	RUBBER, SEAL	1							
27	1	172649-65770	RUBBER, SEAL	1							
28	1	172649-65780	PLATE, SPONGE	1							
29	1	172653-65800-1	COVER, BONNET	1							
29-1	1	172653-65800-2	COVER, BONNET	1							S
(A=M/#01001)											
31	2	172649-65840	WOOL, GLASS	1							
32	1	172649-65900-5	GRILLE	1							
32-1	1	172649-65900-1	GRILLE	1							S
(A=M/#01001)											
33	1	172164-66170	KEY ASSY, CYLINDER	1							
34	1	172162-68370	BOLT, M8X12	6							
35	1	172162-68370	BOLT, M8X12	6							
36	1	1E6102-84970	BAND 140,WIRE LOCK	1							
37	1	22137-080000	WASHER, 8	2							
38	1	22137-100000	WASHER, 10	2							

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=



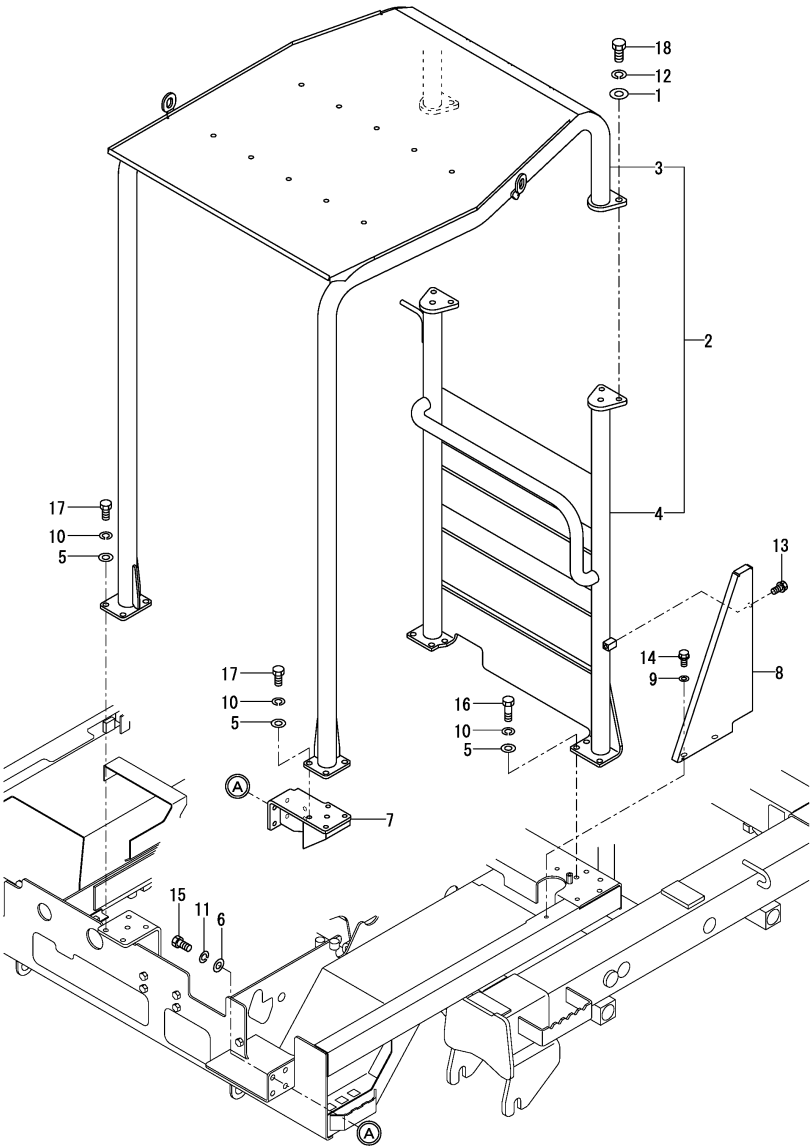
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
39	1	22137-100000	WASHER, 10	4							
40	1	22137-100000	WASHER, 10	2							
41	1	22417-200200	PIN, COTTER 2.0X20	2							
42	1	22417-200200	PIN, COTTER 2.0X20	2							
43	1	26013-100252	BOLT, M10X 25	2							
44	1	26013-100252	BOLT, M10X 25	8							
45	1	26013-100252	BOLT, M10X 25	5							
45-1	1	26014-100252	BOLT, M10X 25	5							N
(A=MXXX)											
46	1	26051-100002	NUT, M10	4							
47	1	26116-080202	BOLT, M8X 20 PLATED	1							
48	1	26347-100002	NUT, M10	1							
49	1	26557-080202	SCREW, M8X20	2							
50	1	26756-080002	NUT, LOCK M8	1							
51	1	172478-65750	SPONGE	1							4
52A	1	172437-03301	LABEL, MANUAL US	1							3
52A-1	1	172437-03302	LABEL, MANUAL US	1							N 3
(A=M/#00501)											
52B	1	172653-03460	LABEL, NEUTRAL US	1							3
52C	1	172652-03661	LABEL, CAUTION-OPE.US	1							3
53A	1	172437-03391	LABEL, RADIATOR US	1							3
53B	1	172437-03402	LABEL, ENG, COVER US	2							3
53C	1	172A36-03411	LABEL, ENG ROOM	1							3

Remarks
(1)PLEASE USE THIS PART WITH FOLLOW-
ING LABELS AT THE SAME TIME.
REF.NO.52A,52B,52C.
(2)PLEASE USE THIS PART WITH FOLLOW-
ING LABELS AT THE SAME TIME.
REF.NO.53A,53B,53C.
(3)LABELS ARE NOT ILLUSTRATED.
(4)REPAIR PARTS.

Fig.40. CANOPY(ROPS)

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=



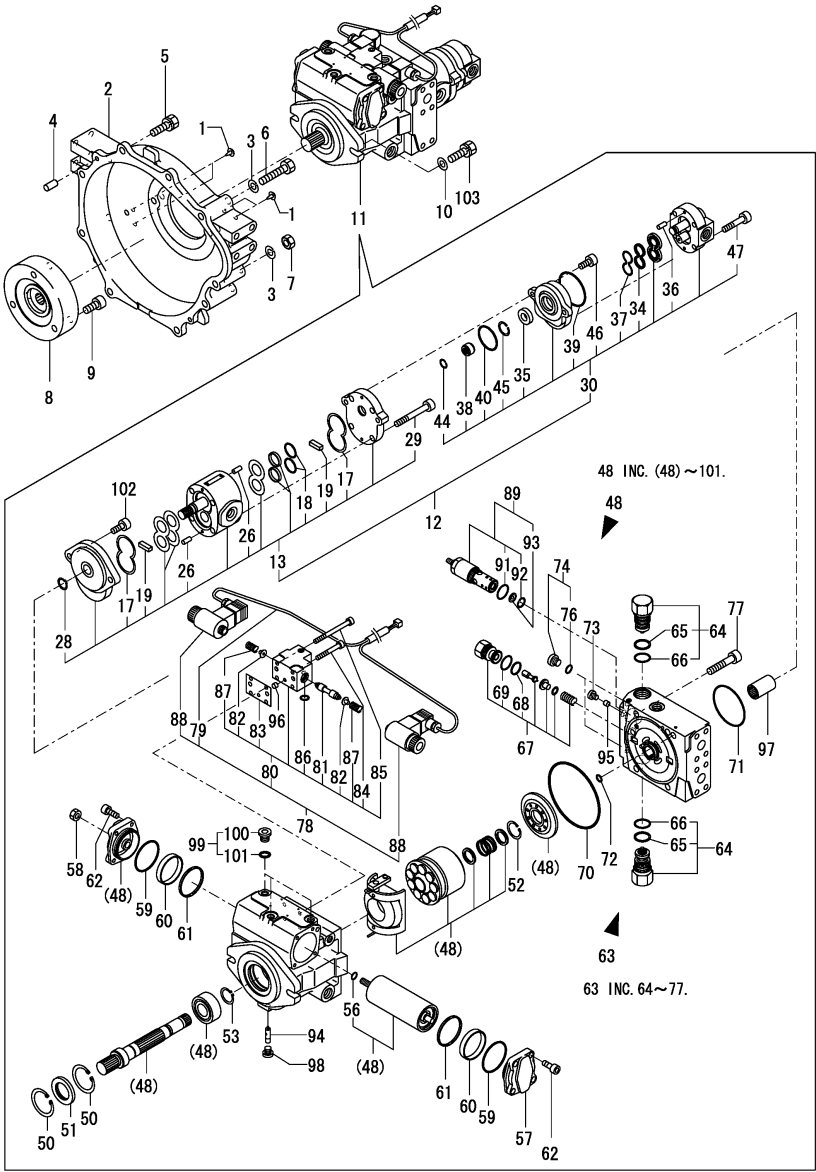
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172649-22330	WASHER 15X32	4							
2	1	772653-66300-2	CANOPY SET	1							
2-1	1	772653-66300-1	CANOPY SET	1							S
(A=M/#00514)											
3	2	172653-66300-1	CANOPY ASSY, ROPS	1							
3-1	2	172653-66300-2	CANOPY ASSY, ROPS	1							S
(A=M/#00514)											
4	2	172653-66500-1	MOUNT,ROPS(GREEN:86)	1							1
4-1	2	172653-66500-2	MOUNT ASSY,ROPS (73)	1						S	1
(A=M/#00514)											
5	1	172149-66550	WASHER	14							
5-1	1	1E6690-35500	WASHER, 12X28X4.5	14							R
(A=MXXX)											
6	1	172149-66550	WASHER	6							
6-1	1	1E6690-35500	WASHER, 12X28X4.5	6							R
(A=MXXX)											
7	1	172653-66600-1	BRACKET,ROPS(GREEN:82)	1							
7-1	1	172653-66600-2	BRACKET,ROPS(GRAY:49)	1							S
(A=M/#00514)											
8	1	172653-66700-1	COVER	1							
8-1	1	172653-66700-2	COVER	1							S
(A=M/#00514)											
8-2	1	172653-66700-3	COVER	1							S
(A=M/#01001)											
9	1	22137-100000	WASHER, 10	2							
10	1	22217-120000	WASHER, SPRING 12	14							
11	1	22217-120000	WASHER, SPRING 12	6							
12	1	22217-140000	WASHER, SPRING 14	4							
13	1	26013-100202	BOLT, M10X 20	1							
14	1	26013-100252	BOLT, M10X 25	2							
15	1	26076-120302	BOLT, 10.912X 30	6							
16	1	26076-120352	BOLT, 10.912X 35	6							
17	1	26076-120402	BOLT, 10.912X 40	8							
18	1	26076-140402	BOLT, 10.914X 40	4							
19A	1	172472-03141	LABEL, SUPPORT US	1							2
19B	1	172437-03342	LABEL, TRANSPORT US	1							2
19B-1	1	172437-03343	LABEL, TRANSPORT US	1						N	2
(A=M/#00501)											
19C	1	172437-03352	LABEL, GREASE CYL.	1							2
19D	1	172653-03350	LABEL,LIFT US	1							2
19E	1	172653-03430	LABEL,PK BRAKE US	1							2
19F	1	172437-03441	LABEL, ROPS US	1							2
19G	1	172653-03450	LABEL,PLACES US	1							2
19H	1	172653-03470	LABEL,WAGON US	1							2
19I	1	172653-03480	LABEL,SLOPE US	1							2
19J	1	172653-03520	LABEL,BRAKE US	1							2
19K	1	172652-03681	LABEL, SEAT BELT US	1							2

Remarks
(1)PLEASE USE THIS PART WITH FOLLOW-
ING LABELS AT THE SAME TIME.
REF.NO.19A,19B,19C,19D,19E,19F,
19G,19H,19I,19J & 19K.
(2)LABELS ARE NOT ILLUSTRATED

Fig.41. HYD.OIL PUMP & JOINT

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=



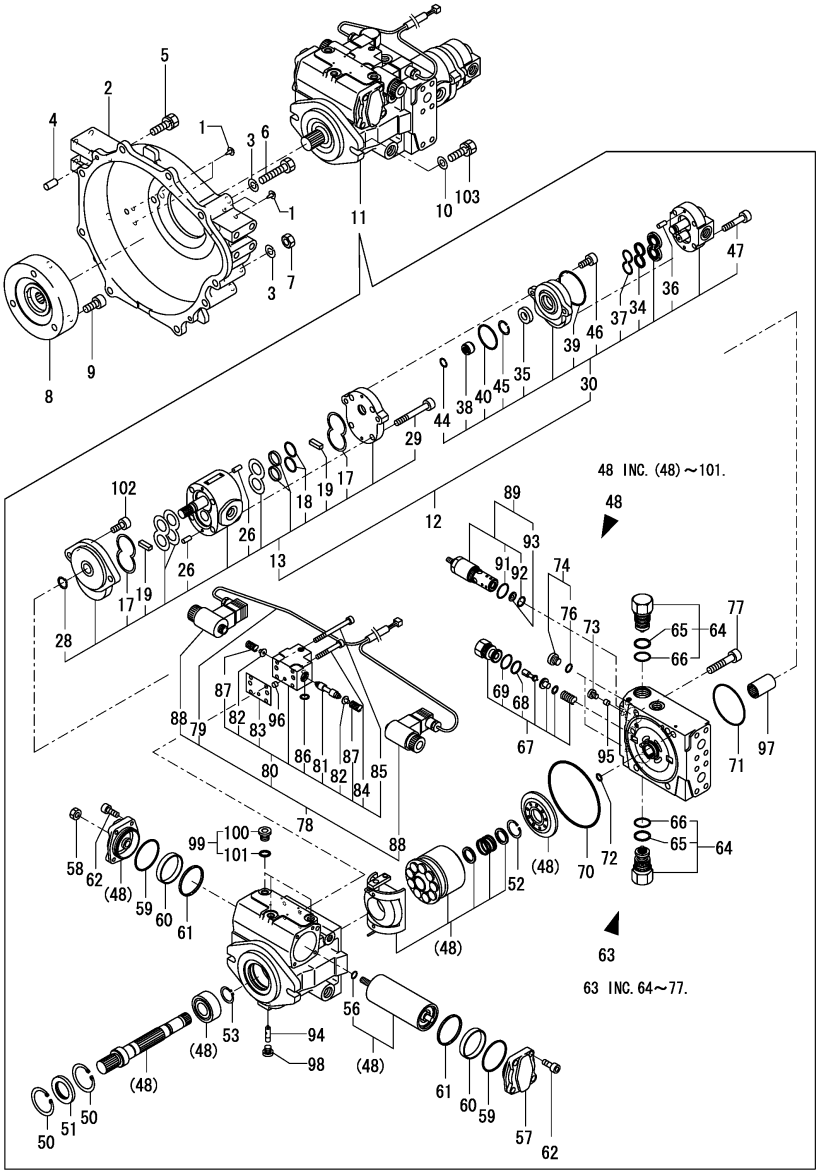
Remarks
(1)INCLUDE OF REFER NO.64.
(2)INCLUDE OF REFER NO.67.
(3)INCLUDE OF REFER NO.74.
(4)INCLUDE OF REFER NO.80.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE	4							
2	1	172649-71100-1	CASE, FLYWHEEL	1							
2-1	1	172649-71100-2	CASE, FLYWHEEL	1							S
(A=M/#00514)											
3	1	22217-120000	WASHER, SPRING 12	5							
4	1	22351-080016	PIN, SPRING 8.0X16	2							
5	1	26013-120352	BOLT, M12X 35	4							
6	1	26116-120852	BOLT, M12X 85 PLATED	4							
7	1	26716-120002	NUT, M12	1							
8	1	172653-71200	COUPLING	1							
9	1	26450-120402	BOLT, M12X 40	3							
10	1	172165-13220	WASHER	2							
11	1	172653-73100	PUMP ASSY	1							
12	2	172649-71210	GEAR PUMP	1							
13	3	172649-72660	GEAR PUMP	1							
17	4	172141-71520	RING	2							
18	4	172141-71550	O-RING	2							
19	4	172141-71560	RING	2							
26	4	172141-73240	PIN, PARALLEL	4							
28	4	22242-000180	RING, 18	1							
29	4	26450-100802	BOLT, M10X 80	4							
30	3	172649-72670	GEAR PUMP	1							
34	4	172649-72750	SQUARE RING	1							
35	4	172649-72760	SEAL, OIL	1							
36	4	172141-73240	PIN, PARALLEL	2							
37	4	172165-73850	RING, BACK UP	1							
38	4	172164-73870	COUPLING	1							
39	4	172165-73870	O-RING	1							
40	4	172165-73880	O-RING	1							
44	4	22252-000120	RING, 12	1							
45	4	22252-000280	RING, 28	1							
46	4	26450-080182	BOLT, M8X 18	2							
47	4	26450-080402	BOLT, M8X 40	4							
48	2	172653-71300	PUMP, PISTON	1							
50	4	172653-71420	RING,RETANING	2							
51	4	172653-71430	RING,SEAL	1							
52	4	172653-71440	RING,RETANING	1							
53	4	22242-000250	RING, 25	1							
56	4	172179-73540	O-RING	1							
57	4	172653-71460	COVER	1							
58	4	172653-71470	NUT,M12	1							
59	4	172653-71480	O-RING	2							
60	4	172653-71490	RING,GUIDE	2							
61	4	172653-71500	RING	2							
62	4	26450-060162	BOLT, M6X 16	8							
63	3	172653-71330	PORT PLATE	1							
64	4	172653-71510	VALVE	2							
65	4	172651-73610	BACK-UP RING	2							1
66	4	172650-73640	O-RING, NBR HS90	2							1
67	4	172653-71520	VALVE	1							
68	4	172653-71550	PISTON RING	1							2

Fig.41. HYD.OIL PUMP & JOINT

(A)=C30R-US
(B)=
(C)=

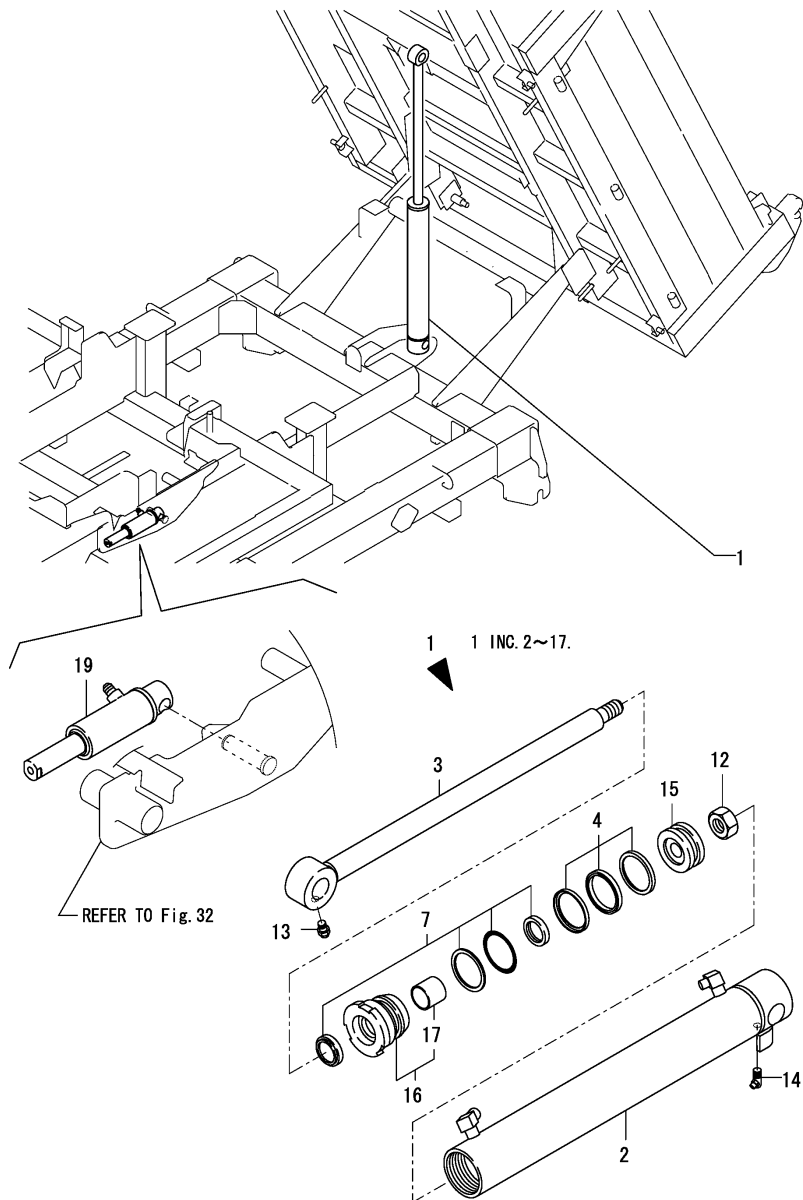
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
69	4	172650-73640	O-RING, NBR HS90	1							2
70	4	172653-71530	O-RING	1							
71	4	172653-71540	O-RING	1							
72	4	172179-73540	O-RING	1							
73	4	172162-73630	PLUG	1							
74	4	172142-74600	PLUG	2							
76	4	24315-000110	O-RING, 1BP11.0	2							3
77	4	26450-120702	BOLT, M12X 70	4							
78	3	172653-71340	CONTROLMODULE	1							
79	4	172649-71250	WIRE, ELECTRIC	1							
80	4	172653-71560	HOUSING, VALVE	3							
81	4	172653-71580	PISTON,CONTROL	1							4
82	4	172653-71590	COLLAR, SPRING	2							4
83	4	172653-71600	GASKET	1							4
84	4	172653-71610	BOLT	3							4
85	4	172653-71620	BOLT	2							4
86	4	172653-71630	O-RING	1							4
87	4	172649-72600	SPRING	2							4
88	4	172653-71570	SOLENOID, CONTROL	2							
89	3	172653-71350	CARTRIDGE,CONTROL	1							
91	4	172650-73640	O-RING, NBR HS90	1							
92	4	22252-000140	RING, 14	1							
93	4	172653-71650	ORIFICE	1							
94	3	172653-71360	PIN,JOINT	1							
95	3	172653-71390	ORIFICE	1							
96	3	172653-71400	ORIFICE	1							
97	3	172653-71410	JOINT	1							
98	3	172649-73680	PLUG	1							
99	3	172142-74600	PLUG	3							
100	4	172142-74660	PLUG 1/4	3							
101	4	24315-000110	O-RING, 1BP11.0	3							
102	2	26450-100202	BOLT, M10X 20	2							
103	1	26013-120402	BOLT, M12X 40	2							

Remarks
(1)INCLUDE OF REFER NO.64.
(2)INCLUDE OF REFER NO.67.
(3)INCLUDE OF REFER NO.74.
(4)INCLUDE OF REFER NO.80.

Fig.42. HYD.OIL CYLINDER

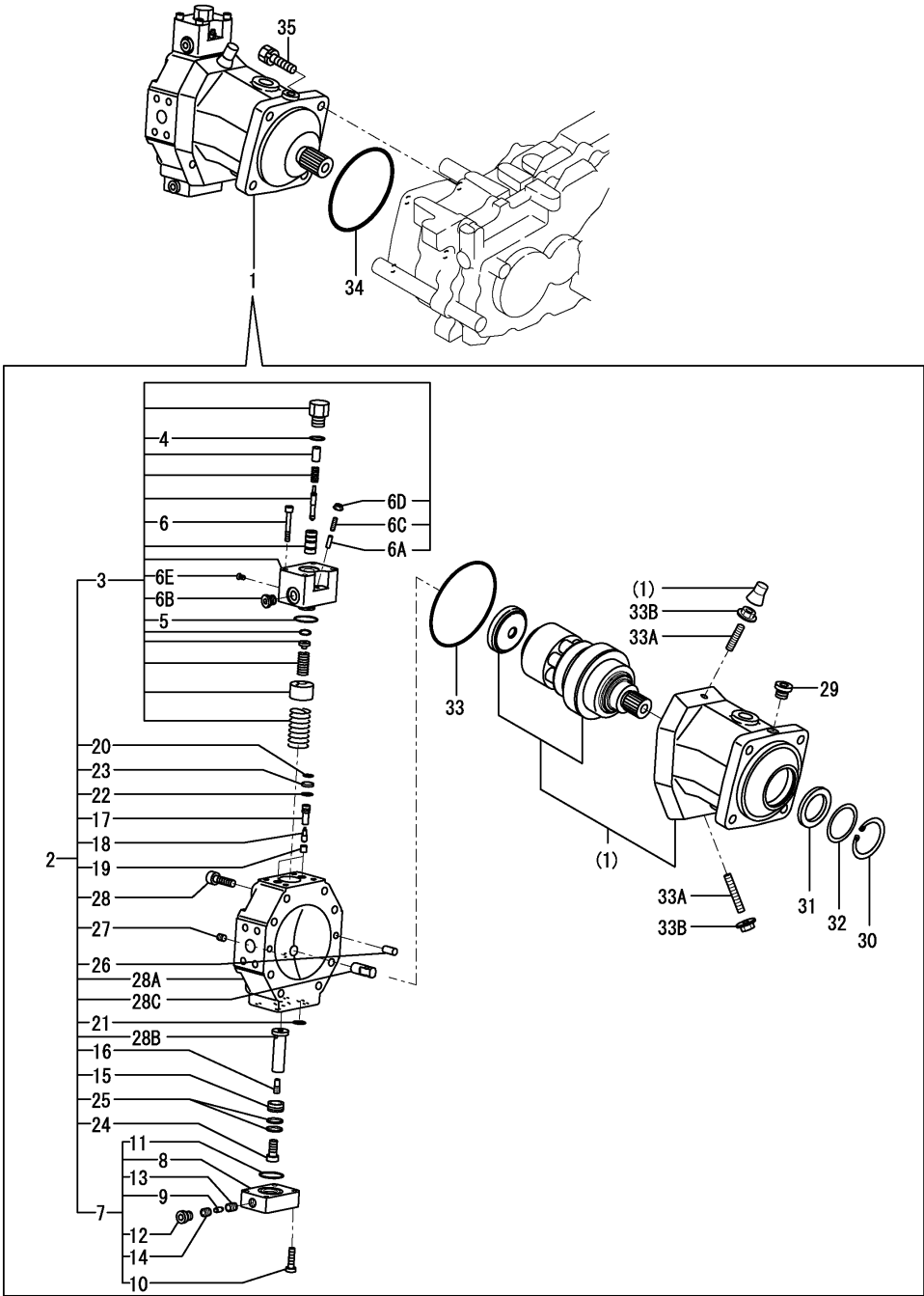


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172649-72100-1	CYLINDER, DUMP	1							
1-1	1	172649-72100-2	CYLINDER, DUMP	1							S
(A=M/#00514)											
2	2	172649-72110-1	TUBE, DUMP	1							
2-1	2	172649-72110-2	TUBE, DUMP	1							S
(A=M/#00514)											
3	2	172649-72150	ROD, DUMP	1							
4	2	172638-72200	PACKING	1							
4-1	2	172638-72201	SEAL SET	1							N
(A=MXXX)											
7	2	172648-72300	SEAL SET, HEAD	1							
12	2	172141-72580	NUT, M20	1							
13	2	24761-020000	NIPPLE, GREASE PT1/8	1							
14	2	24761-040000	NIPPLE, GREASE B	1							
15	2	933123-73902	PISTON 60	1							
16	2	933133-96300	HEAD 60 30 ASSY	1							
17	3	24550-030300	BUSH, 30X30	1							
19	1	172649-72203-1	CYLINDER ASSY, BRAKE	1							
19-1	1	172649-72203-2	CYLINDER ASSY, BRAKE	1							S
(A=M/#00514)											

Fig.43. MOTOR

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=

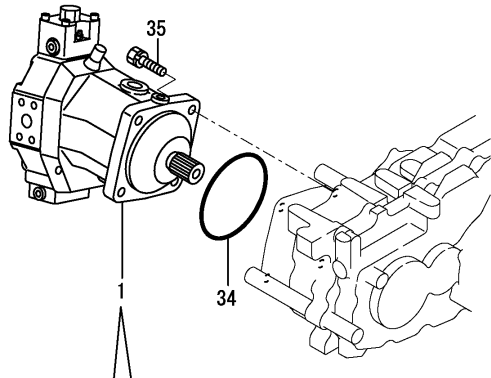


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172653-73300	MOTOR ASSY	1							
2	2	172653-73310	CONTROL	1							
3	3	172653-73370	PART,CONTROL	1							
4	4	172653-73520	O-RING	1							
5	4	172653-73530	O-RING	1							
6	4	26450-060452	BOLT, M6X 45	4							
6A	4	172653-73590	CYLINDER PIN	1							W
(A=MXXXXX)											
6B	4	172653-73600	PLUG	1							W
(A=MXXXXX)											
6C	4	172534-73710	SCREW, M6X30	1							W
(A=MXXXXX)											
6D	4	172534-73730	NUT, SEAL LOCK	1							W
(A=MXXXXX)											
6E	4	172141-74720	PLUG	1							W
(A=MXXXXX)											
7	3	172653-73380	COVER ASSY	1							
8	4	172653-73540	COVER	1							
9	4	172653-73550	ORIFICE	1							
10	4	172653-73560	BOLT 8X30	4							
11	4	172653-73570	O-RING	1							
12	4	172653-73580	PLUG ASSY	1							
13	4	172649-73740	GUIDE	1							
14	4	172649-73810	GUIDE	1							
15	3	172653-73390	PISTON	1							
16	3	172653-73400	PIN,THREAD	1							
17	3	172653-73410	GUIDE,VALVE	2							
18	3	172653-73420	POPPET	2							
19	3	172653-73430	SEAT,VALVE	2							
20	3	172653-73440	O-RING	2							
21	3	172653-73450	O-RING	6							
22	3	172653-73460	O-RING	2							
23	3	172653-73470	RING,BACKUP	2							
24	3	172653-73480	BOLT,10X25	1							
25	3	172653-73490	RING,PISTON	3							
26	3	172653-73500	PIN, 8H6X16	2							
27	3	172164-73650	PLUG, M6	1							
28	3	172650-73870	SOCKET BOLT M10X 60	8							
28A	3	172534-73670	PORT PLATE	1							W
(A=MXXXXX)											
28B	3	172534-73680	POSITIONING PISTON	1							W
(A=MXXXXX)											
28C	3	172534-73690	POSITIONING TRANNION	1							W
(A=MXXXXX)											
29	2	172653-73320	PLUG ASSY	1							
30	2	172653-73330	RING,62	1							
31	2	172653-73340	SEAL, OIL	1							
32	2	172653-73350	SHIM	1							
33	2	172653-73360	O-RING	1							
33A	2	172534-73620	THREADED PIN	1							W
(A=MXXXXX)											

Fig.43. MOTOR

(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
33A-1	2	172534-73620 (A=MXXXXX)	THREADED PIN	2							K
33B	2	172534-73630 (A=MXXXXX)	NUT, SEAL LOCK	1							W
33B-1	2	172534-73630 (A=MXXXXX)	NUT, SEAL LOCK	2							K
34	1	24321-001300	O-RING, 1AG130.0	1							
35	1	26013-120402	BOLT, M12X 40	4							

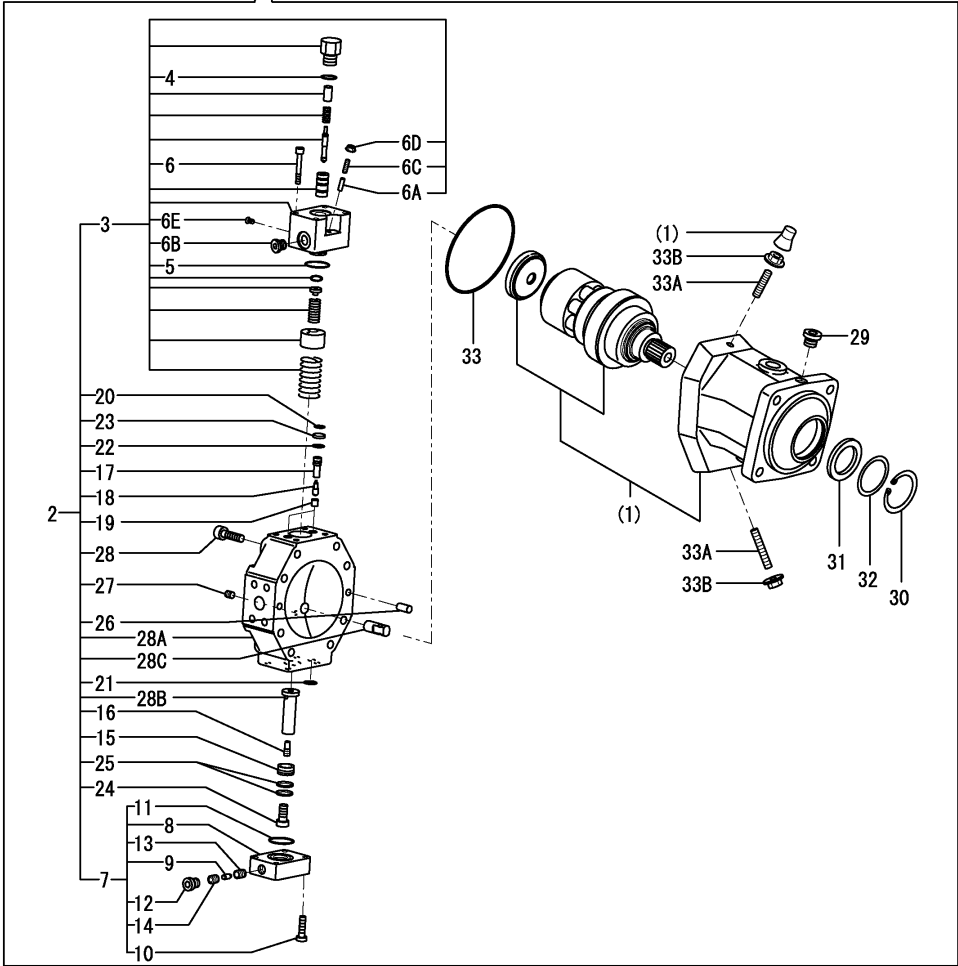
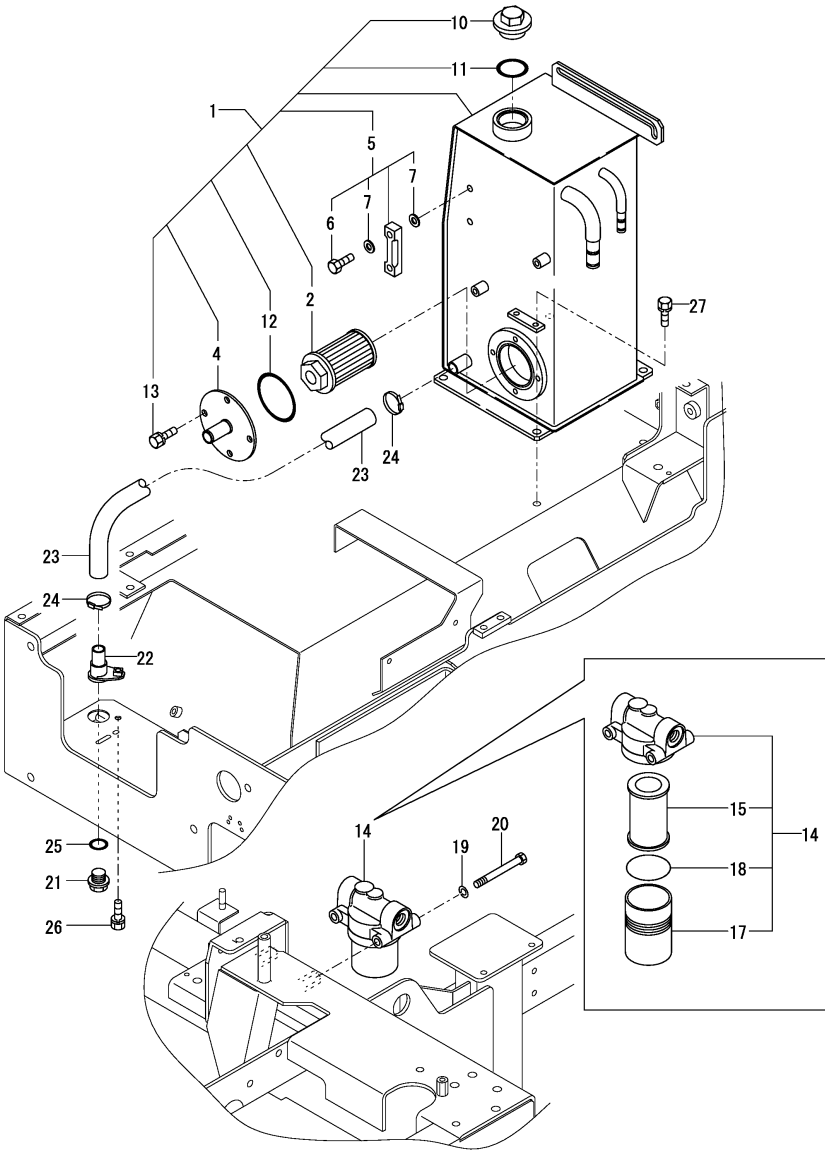


Fig.44. HYD.OIL TANK & FILTER

(A)=C30R-US
(B)=
(C)=

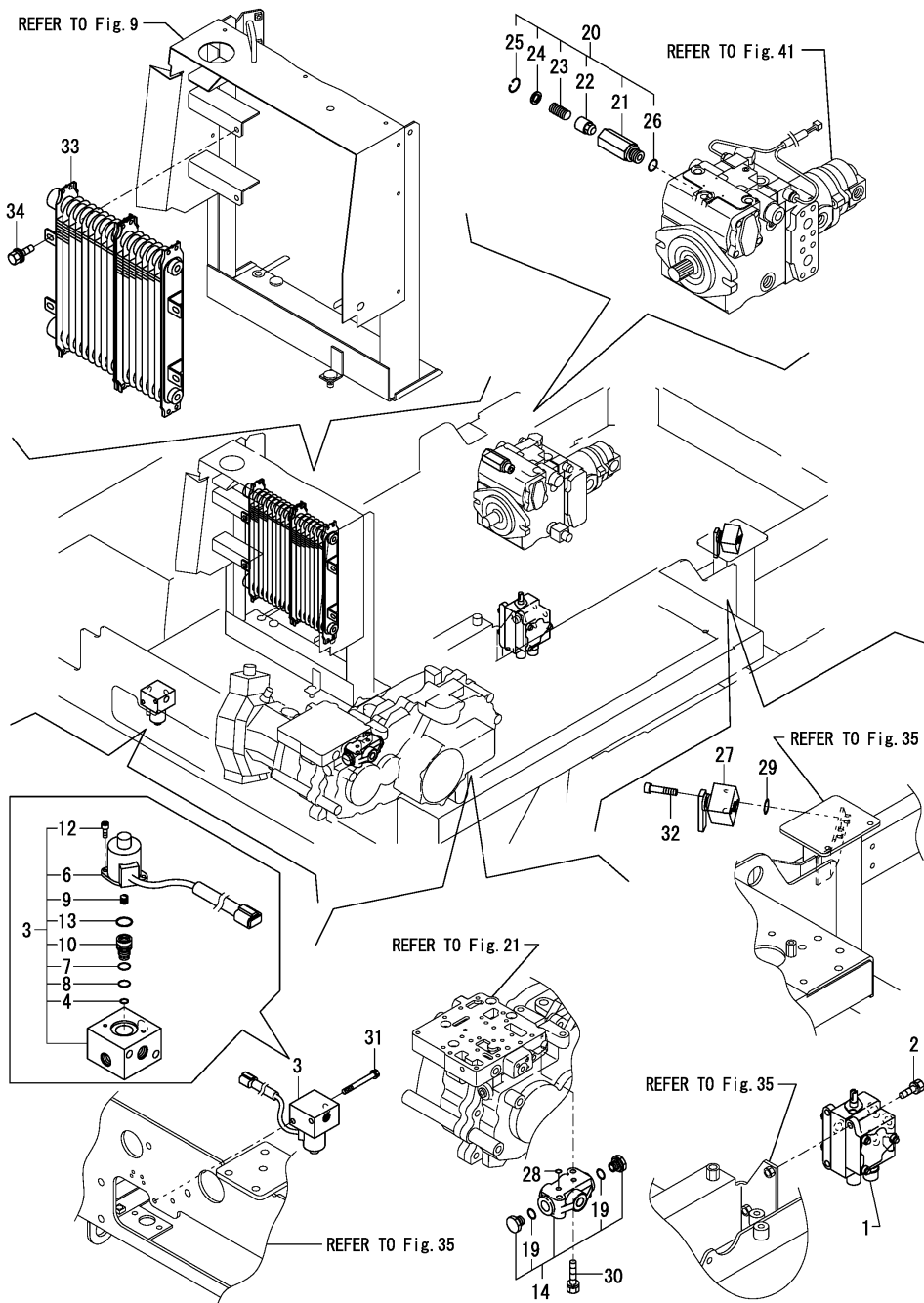
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772653-75100	TANK ASSY,RESERVOIR	1							1
2	2	172732-73700	FILTER, SUCTION	1							
4	2	172649-75250	FLANGE	1							
4-1	2	172649-75250-1	FLANGE (GRAY:49)	1							S
		(A=M/#00514)									
5	2	172447-75600	GAUGE ASSY	1							
6	3	172455-75290	BOLT M10	2							
7	3	172455-75300	O-RING	4							
10	2	172116-75850-4	PLUG, OIL FEED	1							
10-1	2	172116-75850-B	PLUG, OIL FEED	1							S
		(A=M/#00514)									
11	2	24311-000380	O-RING, 1AP38.0	1							
12	2	24325-000700	O-RING, 1BG70.0	1							
13	2	26013-080162	BOLT, M8X 16	4							
14	1	172527-73950	FILTER, LINE	1							
15	2	172527-73970	ELEMENT, FILTER	1							
17	2	172527-73990	CASE	1							
18	2	24321-000600	O-RING, 1AG60.0	1							
19	1	22217-100000	WASHER, SPRING 10	2							
20	1	26116-100902	BOLT, M10X 90 PLATED	2							
21	1	1A1380-28040	PLUG, OIL 20X13.5	1							
22	1	172649-75310	BASE ASSY, DRAIN	1							
23	1	172649-78480	HOSE	1							
24	1	23001-035000	CLAMP, HOSE 35	2							
25	1	24311-000210	O-RING, 1AP21.0	1							
26	1	26013-080162	BOLT, M8X 16	1							
27	1	26013-100252	BOLT, M10X 25	4							
28A	1	172437-03322	LABEL, HYD.OIL TANK	1							2
28B	1	172437-03402	LABEL, ENG,COVER US	1							2

Remarks
(1)PLEASE USE THIS PART WITH FOLLOW-
ING LABELS AT THE SAME TIME.
REF.NO.28A & 28B.
(2)LABELS ARE NOT ILLUSTRATED.

Fig.45. HYD.OIL VALVE & LUB.OIL COOLER

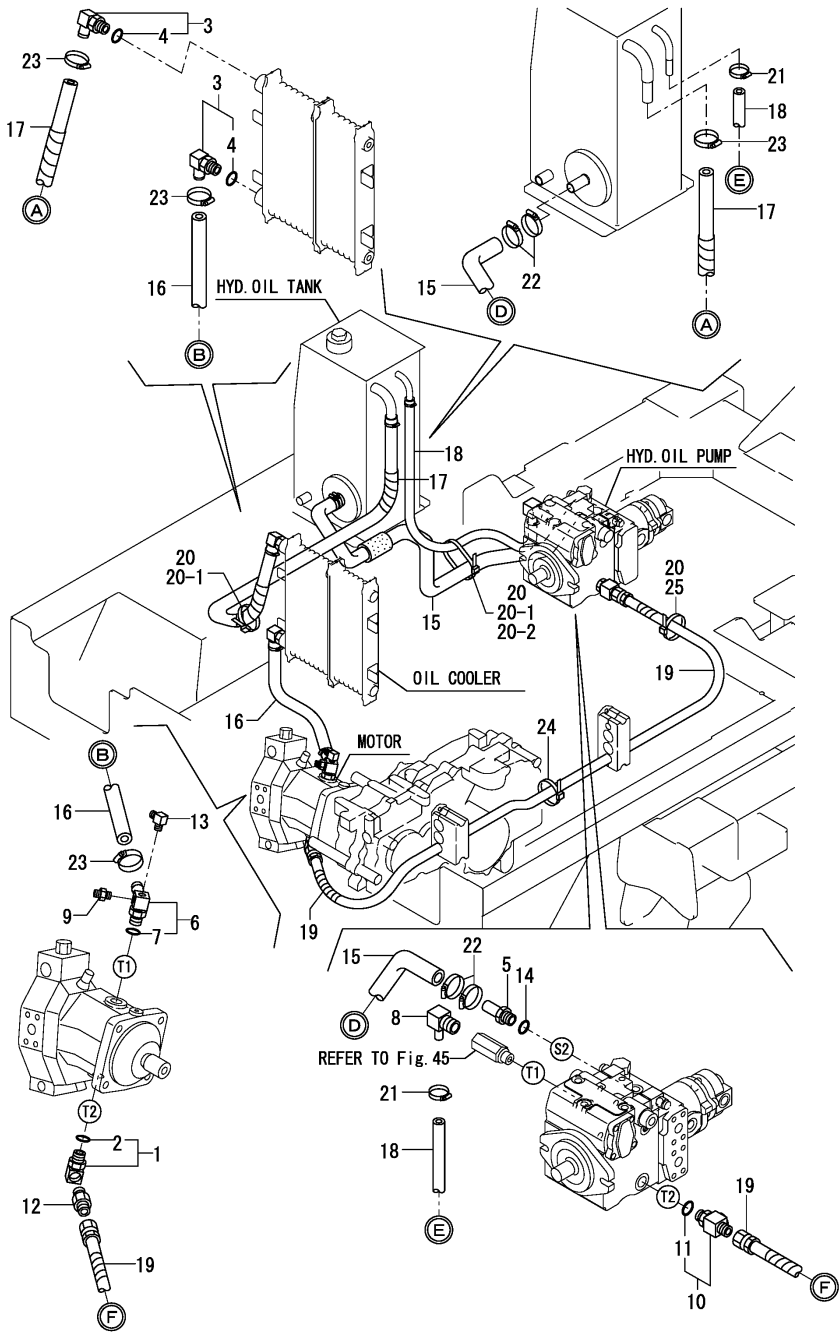


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172647-74100	VALVE ASSY, CONTROL	1							
2	1	26013-100302	BOLT, M10X 30	2							
3	1	172186-74140	VALVE	1							
4	2	172179-73540	O-RING	1							
6	2	172186-74610	SOLENOID	1							
7	2	172186-74620	O-RING, 011	1							
8	2	172186-74630	O-RING, 010	1							
9	2	172186-74640	SPRING	1							
10	2	172186-74650	SPOOL KIT	1							
12	2	172162-74860	BOLT	2							
13	2	24311-000180	O-RING, 1AP18.0	1							
14	1	172649-74400	DIVIDER, FLOW	1							
19	2	24311-000140	O-RING, 1AP14.0	2							
20	1	172649-74451	VALVE ASSY, RELIEF	1							
21	2	172649-74461	BODY, VALVE	1							
22	2	172649-74470	POPPET VALVE	1							
23	2	172649-74480	SPRING, VALVE	1							
24	2	172649-74490	SEAT, SPRING	1							
25	2	22252-000220	RING, 22	1							
26	2	24315-000180	O-RING, 1BP18.0	1							
27	1	172653-74500	INCHING VALVE ASSY	1							
27-1	1	172653-74501	INCHING VALVE ASSY	1							N
(A=M/#00514)											
28	1	24311-000100	O-RING, 1AP10.0	2							
29	1	24311-000220	O-RING, 1AP22.0	1							Z
(A=M/#00514)											
30	1	26013-080502	BOLT, M8X 50	2							
31	1	26013-080702	BOLT, M8X 70	2							
32	1	26455-080452	BOLT, M8X45	2							
32-1	1	26455-080502	BOLT, M8X50	2							N
(A=MXXX)											
33	1	172649-74800	COOLER, OIL	1							
34	1	26014-080202	BOLT, M8X 20	4							

Fig.46. HYD.OIL PIPING(TANK - PUMP - MOTOR)

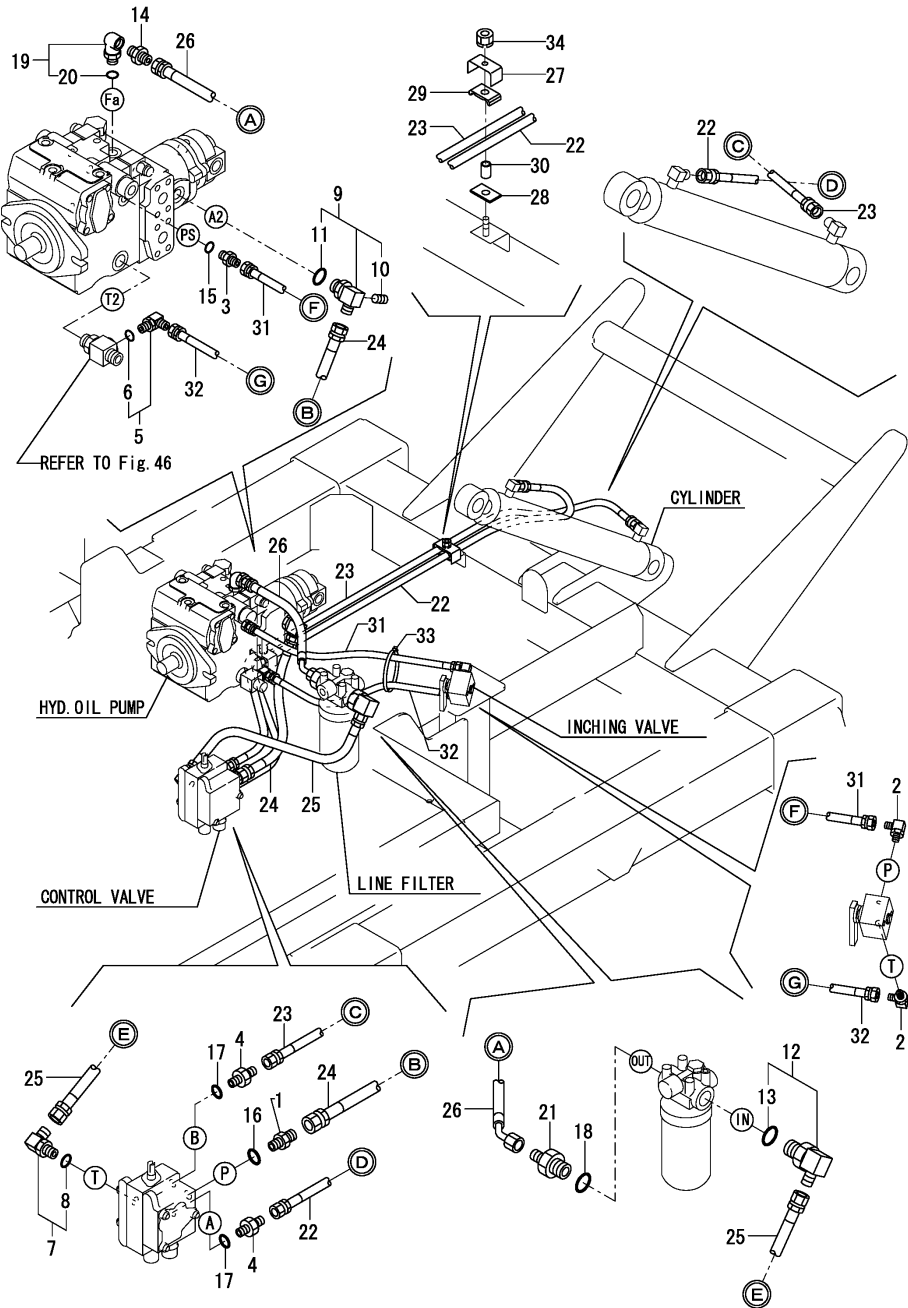
(A)=C30R-US
(B)=
(C)=

(D)=
(E)=
(F)=



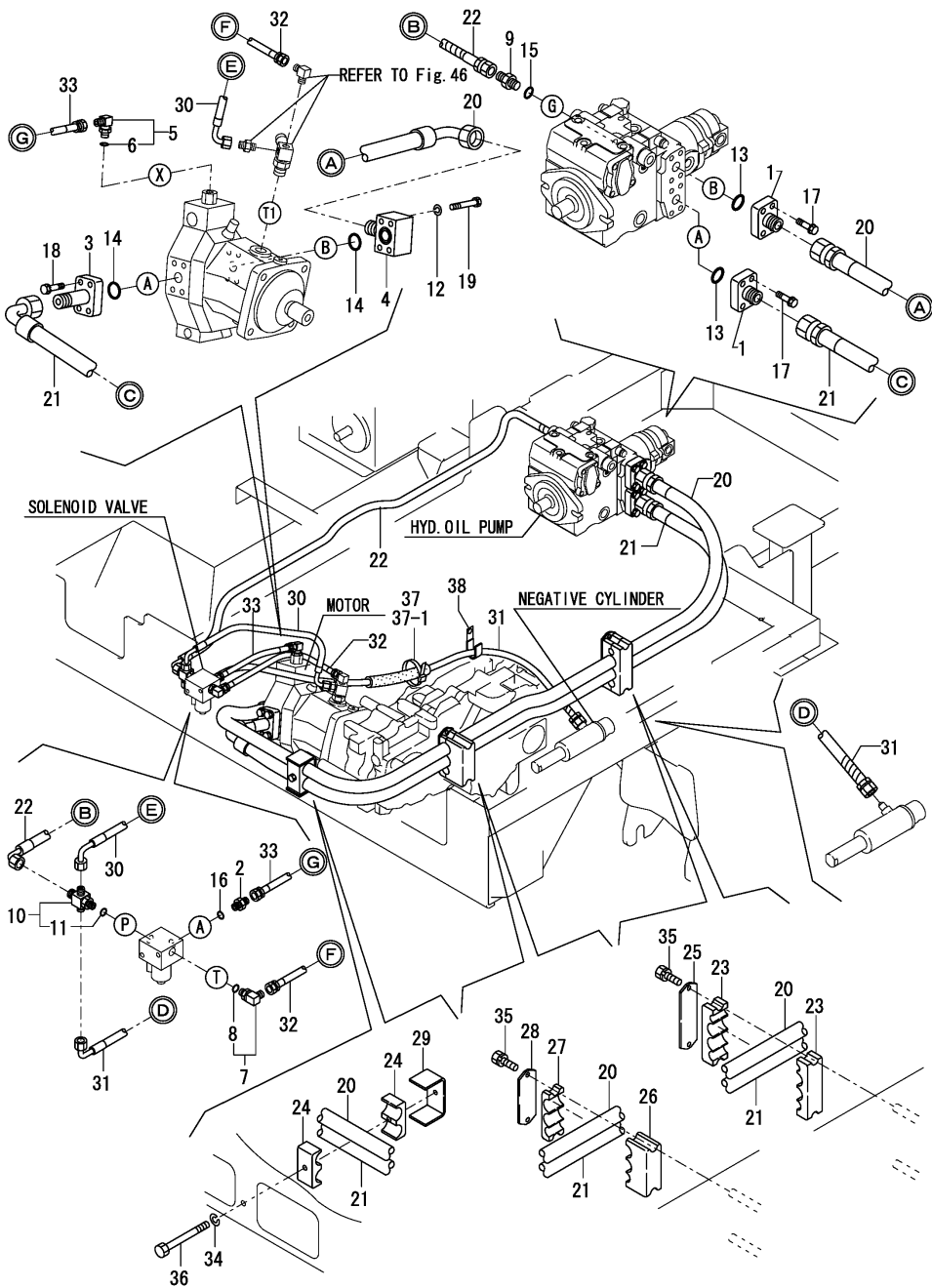
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-76131	CONNECTOR, PT1/2X45	1							
2	2	24315-000180	O-RING, 1BP18.0	1							
3	1	172164-76131	ELBOW	2							
4	2	24315-000180	O-RING, 1BP18.0	2							
5	1	172183-76190	JOINT, PF1/2	1							
6	1	172653-76200	ELBOW ASSY 1/2	1							
7	2	24315-000180	O-RING, 1BP18.0	1							
8	1	172649-76230	NIPPLE, ELBOW 3/4	1							
9	1	172649-76290	NIPPLE, PT PF1/4	1							
10	1	172187-76300	TEE, ADJUSTABLE	1							
11	2	24315-000180	O-RING, 1BP18.0	1							
12	1	23391-040000	JOINT, RGI-1/2	1							
13	1	23393-020000	JOINT, 90RGI-1/4	1							
14	1	24315-000180	O-RING, 1BP18.0	1							
15	1	172653-78120	HOSE, SUCTION	1							
16	1	172649-78140	HOSE	1							
17	1	172649-78160	HOSE	1							
18	1	172649-78180	HOSE	1							
19	1	172649-78280	HOSE	1							
20	1	172122-79930	CLAMP, HOSE	3							
20-1	1	172122-79930	CLAMP, HOSE	2							K
20-2	(A=MXXX)	172122-79930	CLAMP, HOSE	1							K
21	1	23001-016000	CLAMP, HOSE 16	2							
21-1	1	23001-022000	CLAMP, HOSE 22	2							N
22	(A=MXXX)	23001-035000	CLAMP, HOSE 35	4							
23	1	23001-035000	CLAMP, HOSE 35	4							
24	1	933168-55770	BAND 146	1							
25	1	172126-11510	BAND, 300	1							W
	(A=MXXX)										

Fig.47. HYD.OIL PIPING(PUMP - CONTROL VALVE - CYLINDER)



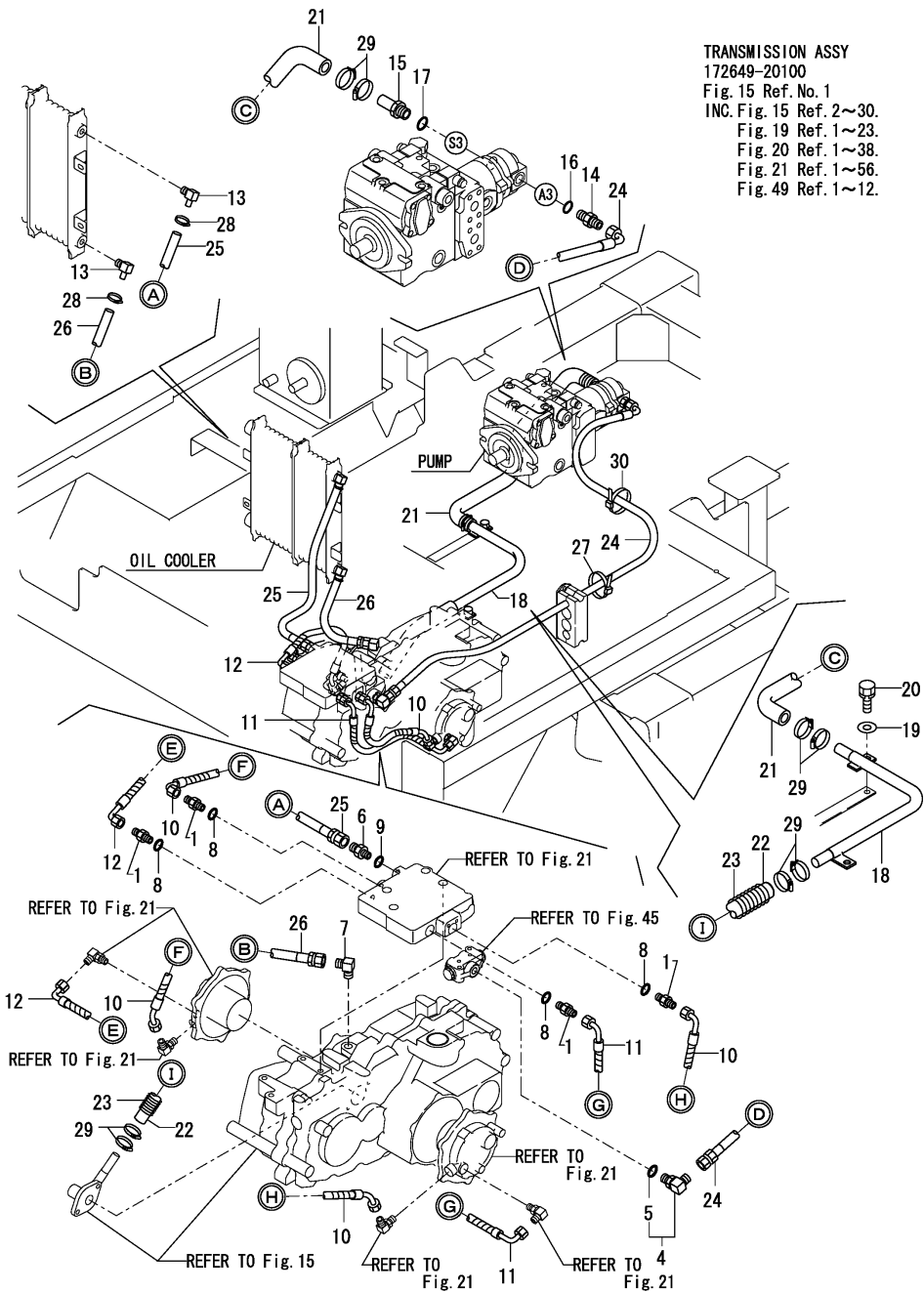
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	1							
2	1	172823-76110	ELBOW	2							
3	1	172123-76121	ADAPTER	1							
4	1	172124-76160	CONNECTOR	2							
5	1	172141-76180	CONNECTOR ASSY	1							
5-1	1	172141-76181	CONNECTOR ASSY, 02FF	1							N
(A=M/#01001)											
6	2	24315-000110	O-RING, 1BP11.0	1							
6-1	2	41851-000110	O-RING	1							N
(A=M/#01001)											
7	1	172142-76181	JOINT ASSY	1							
8	2	24315-000140	O-RING, 1BP14.0	1							
9	1	172653-76220	ELBOW ASSY	1							
10	2	172460-76570	PLUG	1							
11	2	24315-000180	O-RING, 1BP18.0	1							
12	1	172157-76300	ELBOW ASSY	1							
13	2	24315-000180	O-RING, 1BP18.0	1							
14	1	23391-030000	JOINT, RGI-3/8	1							
15	1	24315-000110	O-RING, 1BP11.0	1							
16	1	24315-000140	O-RING, 1BP14.0	1							
17	1	24315-000140	O-RING, 1BP14.0	2							
18	1	24315-000180	O-RING, 1BP18.0	1							
19	1	933111-50001	CONNECTOR	1							
20	2	24315-000140	O-RING, 1BP14.0	1							
21	1	933160-01370	CONNECTOR, PF1/2PF3/8	1							
22	1	172649-78231	HOSE	1							
23	1	172649-78241	HOSE	1							
24	1	172653-78250	HOSE P206BB054	1							
25	1	172649-78260	HOSE	1							
26	1	172653-78270	HOSE P206BC034	1							
27	1	172156-78460-5	CLAMP, HOSE	2							
27-1	1	172156-78460-2	CLAMP, HOSE	2							S
(A=M/#00514)											
28	1	172156-78490	PLATE, RUBBER (B	2							
29	1	172156-78520	SUPPORT, HOSE	2							
30	1	172156-78540	COLLAR, 9X18	2							
31	1	172653-78920	HOSE G604BB052	1							
32	1	172653-78930	HOSE G804BB044	1							
33	1	172122-79930	CLAMP, HOSE	1							
33-1	1	172126-11510	BAND, 300	1							N
(A=M/XXX)											
34	1	26051-080002	NUT, M8	2							

Fig.48. HYD.OIL PIPING(PUMP - TRAVEL MOTOR - NEGATIVE CYLINDER)

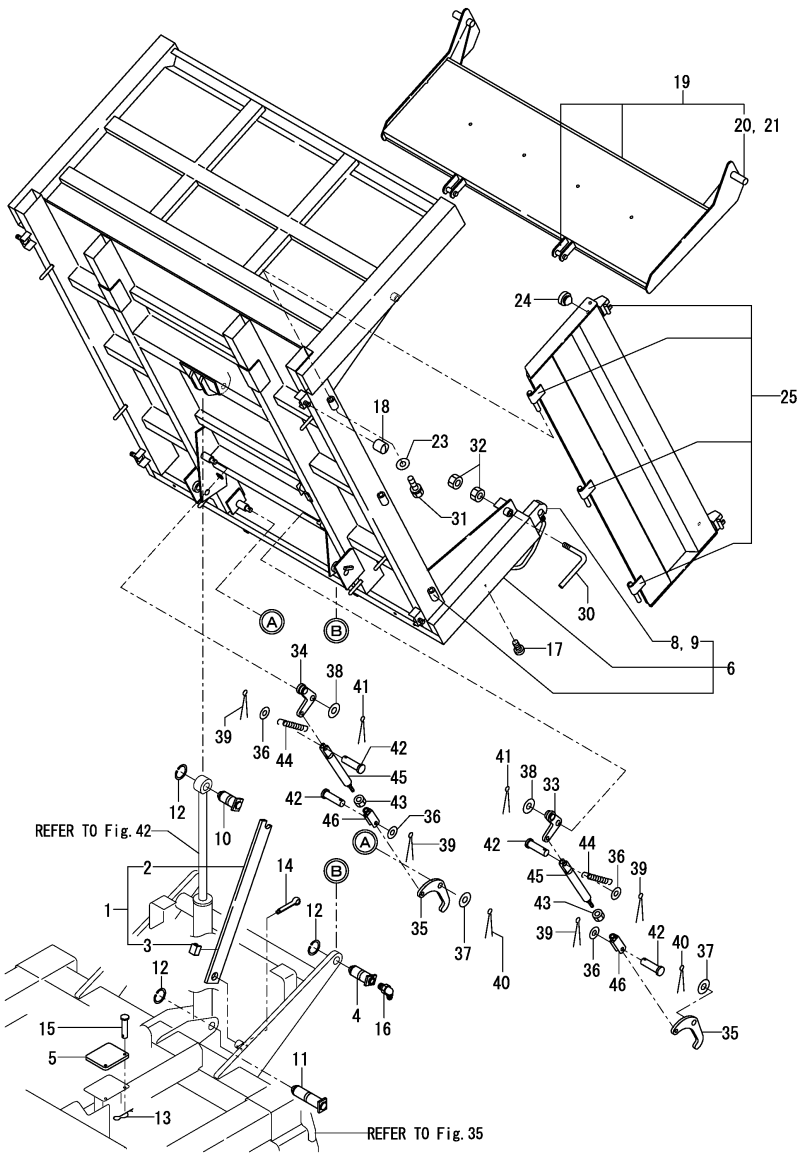


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172653-76110	NIPPLE, FLANGE	2							
2	1	172123-76121	ADAPTER	1							
3	1	172653-76120	NIPPLE, FLANGE	1							
4	1	172653-76170	NIPPLE, FLANGE	1							
5	1	172141-76180	CONNECTOR ASSY	1							
5-1	1	172141-76181	CONNECTOR ASSY, 02FF	1							N
(A=M/#01001)											
6	2	24315-000110	O-RING, 1BP11.0	1							
6-1	2	41851-000110	O-RING	1							N
(A=M/#01001)											
7	1	172141-76180	CONNECTOR ASSY	1							
7-1	1	172141-76181	CONNECTOR ASSY, 02FF	1							N
(A=M/#01001)											
8	2	24315-000110	O-RING, 1BP11.0	1							
8-1	2	41851-000110	O-RING	1							N
(A=M/#01001)											
9	1	172157-76220	CONNECTOR, 1/4X3/8	1							
10	1	172649-76270	CONNECTOR, PF1/4X3/8	1							
11	2	24315-000110	O-RING, 1BP11.0	1							
12	1	22217-100000	WASHER, SPRING 10	4							
13	1	24311-000260	O-RING, 1AP26.0	2							
14	1	24311-000260	O-RING, 1AP26.0	2							
15	1	24315-000110	O-RING, 1BP11.0	1							
16	1	24315-000110	O-RING, 1BP11.0	1							
17	1	26013-100352	BOLT, M10X 35	8							
18	1	26013-100352	BOLT, M10X 35	4							
19	1	26116-100552	BOLT, M10X 55 PLATED	4							
20	1	172649-78200	HOSE	1							
21	1	172649-78210	HOSE	1							
22	1	172653-78300	HOSE G606BC150S	1							
23	1	172649-78310	CLAMP, HOSE	2							
24	1	172649-78320	CLAMP, HOSE	2							
25	1	172649-78330	PLATE, CLAMP(C)	1							
26	1	172649-78351	CLAMP, HOSE	1							
27	1	172649-78360	CLAMP, HOSE	1							
28	1	172649-78370	PLATE, CLAMP(C)	1							
29	1	172649-78380	CLAMP, HOSE	1							
30	1	172653-78500	HOSE G604CC040S	1							
31	1	172653-78510	HOSE G604BC100S	1							
32	1	172653-78900	HOSE G804BB032	1							
33	1	172653-78910	HOSE G604BB022	1							
34	1	22217-080000	WASHER, SPRING 8	1							
35	1	26013-080202	BOLT, M8X 20	4							
36	1	26116-080752	BOLT, M8X 75 PLATED	1							
37	1	933168-55770	BAND 146	2							
37-1	1	933168-55770	BAND, 146	1							K
(A=MXXX)											
38	1	1A1380-59480	CLAMP, CORD	1							W
(A=MXXX)											

Fig.49. HYD.OIL PIPING(REDUCTION)

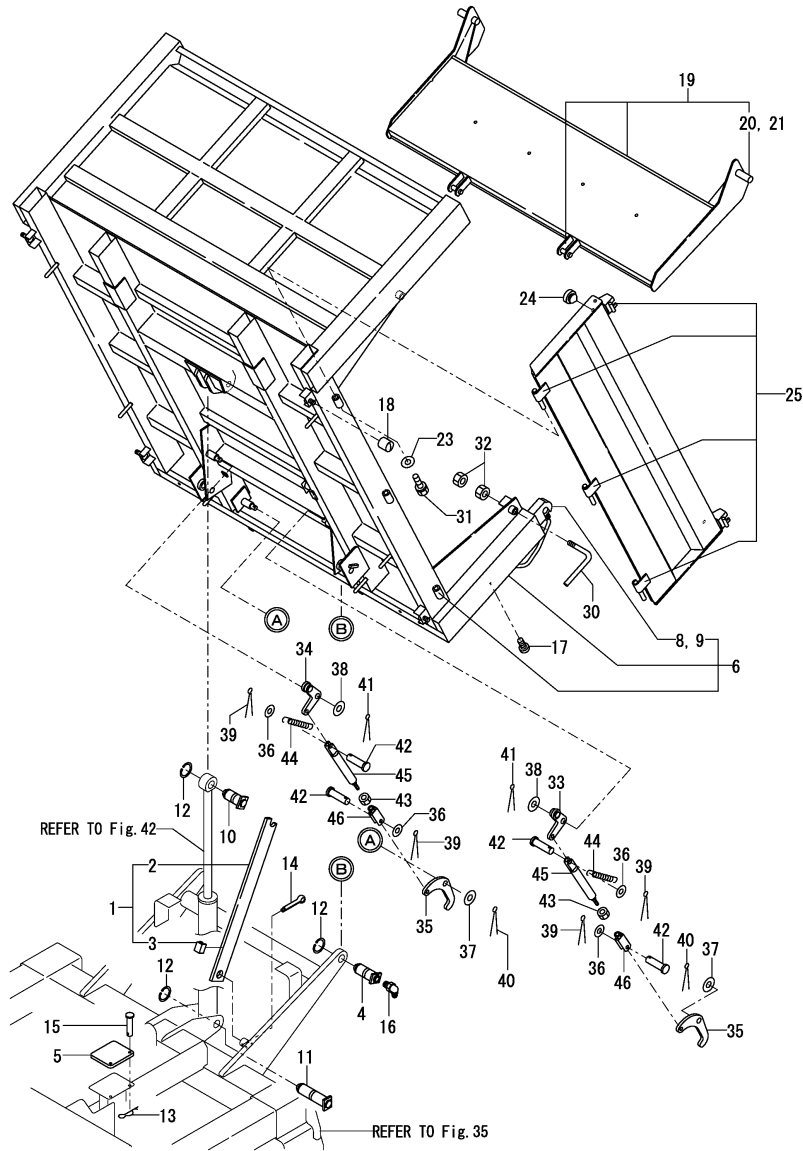


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172123-76121	ADAPTER	4							
4	2	172142-76181	JOINT ASSY	1							
5	3	24315-000140	O-RING, 1BP14.0	1							
6	2	172131-76200	CONNECTOR, 3/8 1/4	1							
7	2	23393-030000	JOINT, 90RGI-3/8	1							
8	2	24315-000110	O-RING, 1BP11.0	4							
9	2	24315-000110	O-RING, 1BP11.0	1							
10	2	172649-78410	HOSE	2							
11	2	172649-78420	HOSE	1							
12	2	172649-78430	HOSE	1							
13	1	172155-11120	ELBOW	2							
14	1	172730-75141	ADAPTER	1							
15	1	172183-76190	JOINT, PF1/2	1							
16	1	24315-000140	O-RING, 1BP14.0	1							
17	1	24315-000180	O-RING, 1BP18.0	1							
18	1	172649-76401	TUBE ASSY, SUCTION	1							
19	1	22137-100000	WASHER, 10	2							
20	1	26013-100202	BOLT, M10X 20	2							
21	1	172649-78130	HOSE, SUCTION	1							
22	1	172649-78190	HOSE	1							
23	1	172649-78220	SPRING	1							
24	1	172649-78290	HOSE	1							
25	1	172649-78450	HOSE	1							
26	1	172649-78460	HOSE	1							
27	1	172122-79930	CLAMP, HOSE	1							
27-1	1	172126-11510	BAND, 300	1							N
(A=MXXX)											
28	1	23001-016000	CLAMP, HOSE 16	2							
29	1	23001-035000	CLAMP, HOSE 35	8							
30	1	172126-11510	BAND, 300	1							W
(A=MXXX)											



Remarks
(1)PLEASE USE THIS PART WITH FOLLOW-
ING LABELS AT THE SAME TIME.
REF.NO.47A.
(2)LABELS ARE NOT ILLUSTRATED.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172637-51950	BLOCK,FLAME SUPPORT	1							
1-1	1	172637-51950-1	FRAME SUPPORT (10)	1						S	
(A=M/#00514)											
2	2	172637-51500	BLOCK,FLAME SUPPORT	1							
2-1	2	172637-51500-1	FRAME SUPPORT (10)	1						S	
(A=M/#00514)											
3	2	172637-51750	RUBBER, SUPPORT	1							
4	1	172739-52851-1	PIN,CYLINDER (82)	2							
4-1	1	172739-52851-2	PIN,CYLINDER (87)	2						S	
(A=M/#00514)											
4-2	1	172739-52851-4	PIN,CYLINDER (2J)	2						S	
(A=M/#01001)											
4-3	1	172739-52851-W	PIN,CYLINDER	2						S	
(A=MXXX)											
5	1	172725-85870	RUBBER, INTERVENTION	2							
6	1	172649-95100-5	VESSEL ASSY	1							1
6-1	1	172649-95100-1	VESSEL ASSY	1						S	1
(A=M/#01001)											
6-2	1	172649-95101-1	VESSEL ASSY	1						N	1
(A=M/#01014)											
8	2	172647-95450	FULCRUM, BOARD	1							
8-1	2	172647-95450-2	FULCRUM, BOARD	1						S	
(A=M/#01001)											
9	2	172647-95460	FULCRUM, BOARD	1							
9-1	2	172647-95460-2	FULCRUM, BOARD	1						S	
(A=M/#01001)											
10	1	172649-95850	PIN 30.3X64.5	1							
11	1	172649-95870	PIN 30.3X109	1							
12	1	22242-000300	RING, 30	4							
13	1	22360-080000	SNAP PIN 8	4							
13-1	1	22372-080000	PIN, SNAP 8	4							R
(A=MXXX)											
14	1	22417-800450	PIN, COTTER 8.0X45	2							
15	1	22487-080300	PIN, H 8X 30	4							
16	1	24761-050000	NIPPLE, GREASE C	2							
17	1	26557-050082	SCREW, M5X 8	2							
18	1	933172-27150	RUBBER, SUPPORT	4							
19	1	172649-95900-5	GATE	1							
19-1	1	172649-95900-1	GATE	1						S	
(A=M/#01001)											
20	2	172647-95650	FULCRUM PIN, BOARD	1							
21	2	172647-95650	FULCRUM PIN, BOARD	1							
23	1	1C6053-32020	WASHER, 8.5X20X3.2	2							
24	1	1E8080-81880	RUBBER, STOPPER	4							
25	1	172649-95701-1	GATE	2							
25-1	1	172649-95701-2	GATE	1						S	
(A=M/#01001)											
30	1	172647-95730	LEVER, OPEN & SHUT	4							
31	1	26013-080162	BOLT, M8X 16	2							
32	1	26716-160002	NUT, M16	8							
33	1	172649-95950-5	ARM, HOOK	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
33-1	1	172649-95950-1	ARM, HOOK	1							S
		(A=M/#01001)									
34	1	172649-95960-5	ARM, HOOK	1							
34-1	1	172649-95960-1	ARM, HOOK	1							S
		(A=M/#01001)									
35	1	172649-95980-5	HOOK (YELLOW:87)	2							
35-1	1	172649-95980-1	HOOK (YELLOW:2J)	1							S
		(A=M/#01001)									
36	1	22137-100000	WASHER, 10	4							
37	1	22137-160000	WASHER, 16	2							
38	1	22137-160000	WASHER, 16	2							
39	1	22417-200200	PIN, COTTER 2.0X20	4							
40	1	22417-400320	PIN, COTTER 4.0X32	2							
41	1	22417-400320	PIN, COTTER 4.0X32	2							
42	1	22487-100300	PIN, H10X 30	4							
43	1	26716-100002	NUT, M10	2							
44	1	933153-01280	SPRING, RETURN	2							
45	1	933168-51700-5	ROD,MOOK DRIVE (87)	2							
45-1	1	933168-51700-2	ROD,MOOK DRIVE (2J)	1							S
		(A=M/#01001)									
46	1	933168-51780	JOINT, ROD	2							
47A	1	172653-03470	LABEL,WAGON US	1							2

Remarks
(1)PLEASE USE THIS PART WITH FOLLOW-
ING LABELS AT THE SAME TIME.
REF.NO.47A.
(2)LABELS ARE NOT ILLUSTRATED.

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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121120-13580	5	8
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121450-44531	9	19
121468-44510	9	17
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121470-44581	9	22
124450-44560	9	21
124701-11911	5	6
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129062-12570	6	7
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129107-44590	9	6
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