

0CS10-M38101EN

PREFACE

1. This parts catalog is the 1st revised of Yanmar crawler backhoe B17-2B for U.S.A..

2. Parts catalog history

	Parts catalog No.	Published	Remarks
1st edition	000Y00S3810	May, 1998	Disuse old edition
1st revised	000Y00S3811	May., 2000	

3. Model name

	Column	Model name	M/#	Manufactured
I (Vehicle)	(A)	B17-2B (US)	30520~	1998/5~
II (Engine)	(A)	3TNA72L-UBB	D3151~D9913	1998/1~1999/8
	(B)	3TNA72L-EUBB	E1664~	2000/4~

4. Your understanding is asking that this parts catalog is not a technical data manual setting forth as servicing procedures, This parts catalog is using simplified illustration.

Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products.

Be careful not to use the simple parts available in the market ; otherwise their use in repairing causes such as an early breakage, for instance.

Directions for the Parts Catalog.

- The parts stipulated in this Parts Catalog are not necessarily standard equipped parts.
- Parts may change without prior notice.
- The following is an example of the Parts Catalog format.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1			1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N	1
		(A=E00185) (B=E00200)									
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9			
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4		K	
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)									
4	2	129470-51040	CAMSHAFT	1	1	1	1	1			
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2			
6	2	129470-51060	RETAINER	1	1	1	1	1			

Remarks
(1) BOOST COMPEMSATOR TYPE. OPTIONAL PART, TO E00155,(4JH-DT, 4JH-DTZ

① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1

1

(Before change)

1-1

(After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ----- Main parts (Assembly parts)

2 ----- Sub component included in " 1 ".

3 ----- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

③ Interchangeability Mark

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

Symbol	Interchangeability	Contents note
N	Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{No} \rightarrow \end{matrix}$ New	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\begin{matrix} \leftarrow \text{No} \\ \text{Yes} \rightarrow \end{matrix}$ New	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{Yes} \rightarrow \end{matrix}$ New	New/ Old Parts are both interchangeable.
S	Old $\begin{matrix} \leftarrow \text{No} \\ \text{No} \rightarrow \end{matrix}$ New	New/ Old Parts are both not interchangeable.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	F	Machine No. (Agricultural Equip.)
D	Drive No.	M	Machine No.
E	Engine No.		

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) "XXXXX" and "ZZZZZ" are for parts that could not be predicted or for engine models that could not be identified.

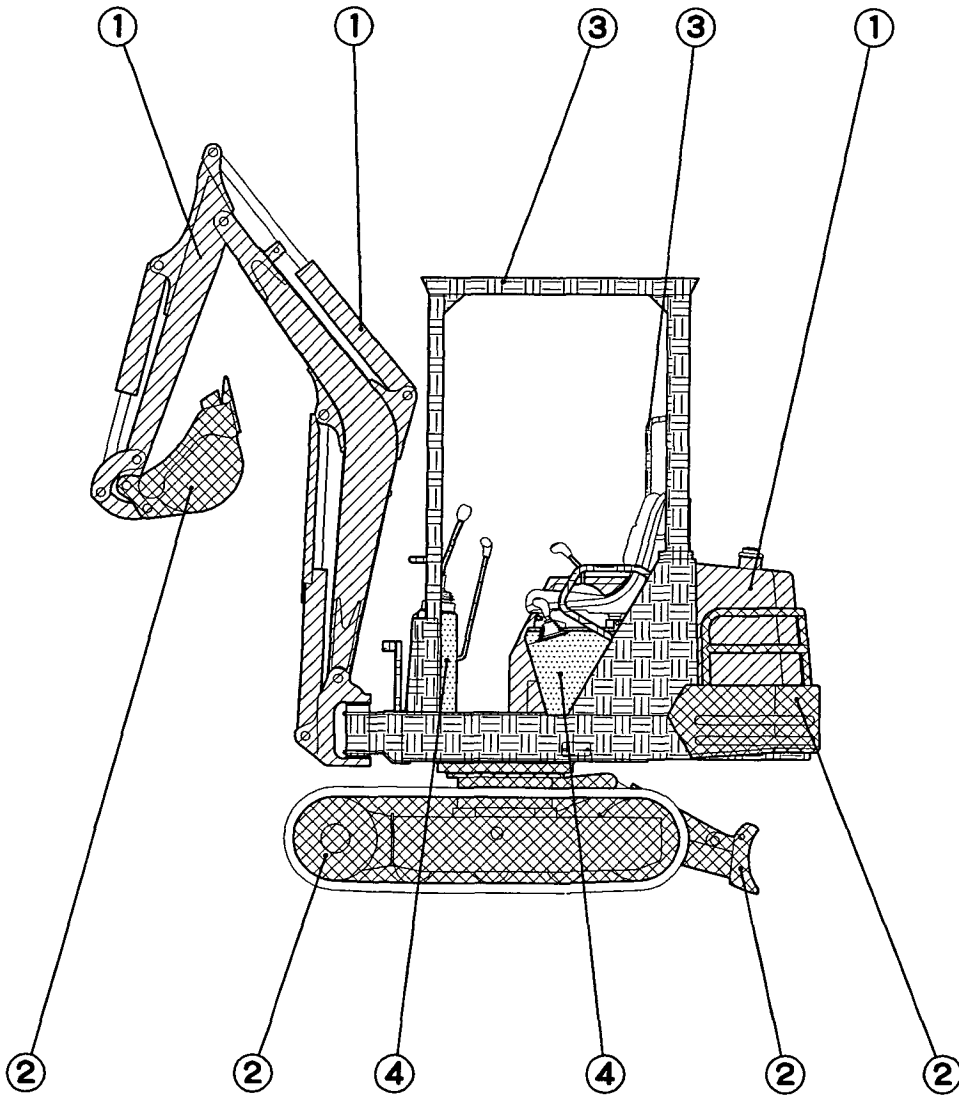
Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

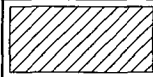
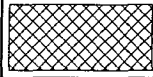
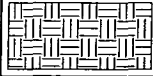
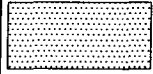
⑤ Remarks Mark

Figures or alphabets (symbols) are entered in the remarks column.

The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

1 [PAINTED COLOR LIST (1)]



PART	DESC RIPTION	PAINTED COLOR MUNSEL No.	COLOR CODE
①		YANMAR NEW PERMANENT YELLOW 5.2Y8.5/11	87
②		YANMAR DEEP GREEN 6.36BG2.11/1.76	82
③		YANMAR NEW GRAYISH GREEN 2.9BG4.8/3.0	86
④		YANMAR DARK OLIVE GRAY 5.39Y2.92/0.78	72

2 [PAINT PART No.]

PART	PAINTED COLOR	PAINT PART No.		
		16QCAN	4QCAN	SPRAY
①	YANMAR NEW PERMANENT YELLOW	981101-09519	977620-40870	977620-30871
②	YANMAR DEEP GREEN	981101-09517	977620-40820	977620-30N31
③	YANMAR NEW GRAYISH GREEN	981101-09616	977620-40860	977620-30861
④	YANMAR DARK OLIVE GRAY	-----	977620-40720	TOR-90460003

3 [EXPRESSION OF PAINTED PARTS]

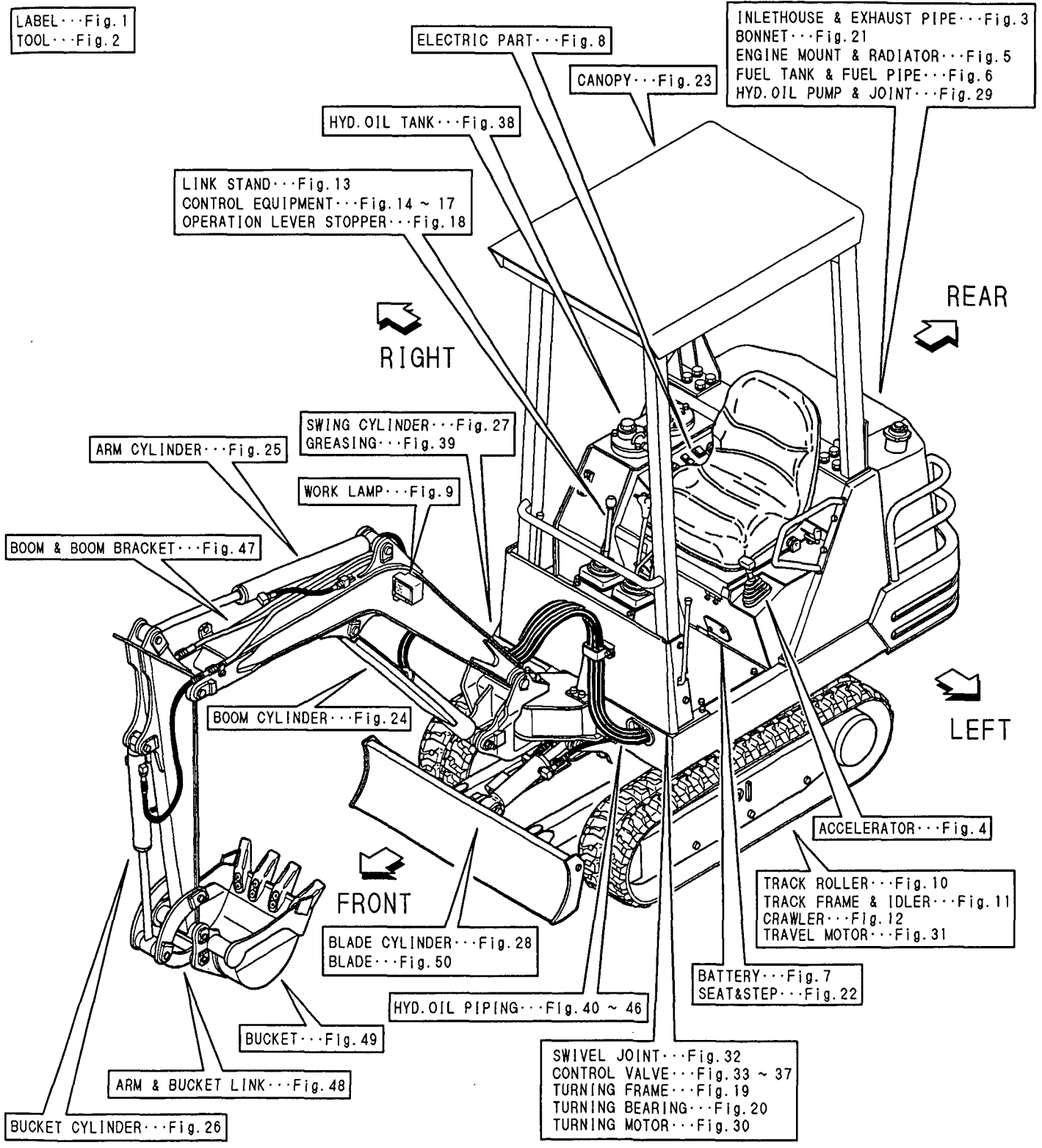
PART NO.		PART NAME	PAINTED COLOR
172183-82101	-1	ARM. 950 (YELLOW) (87)	YANMAR NEW PERMANENT YELLOW

(NOTE) () at the end of part name shows Paint Color.

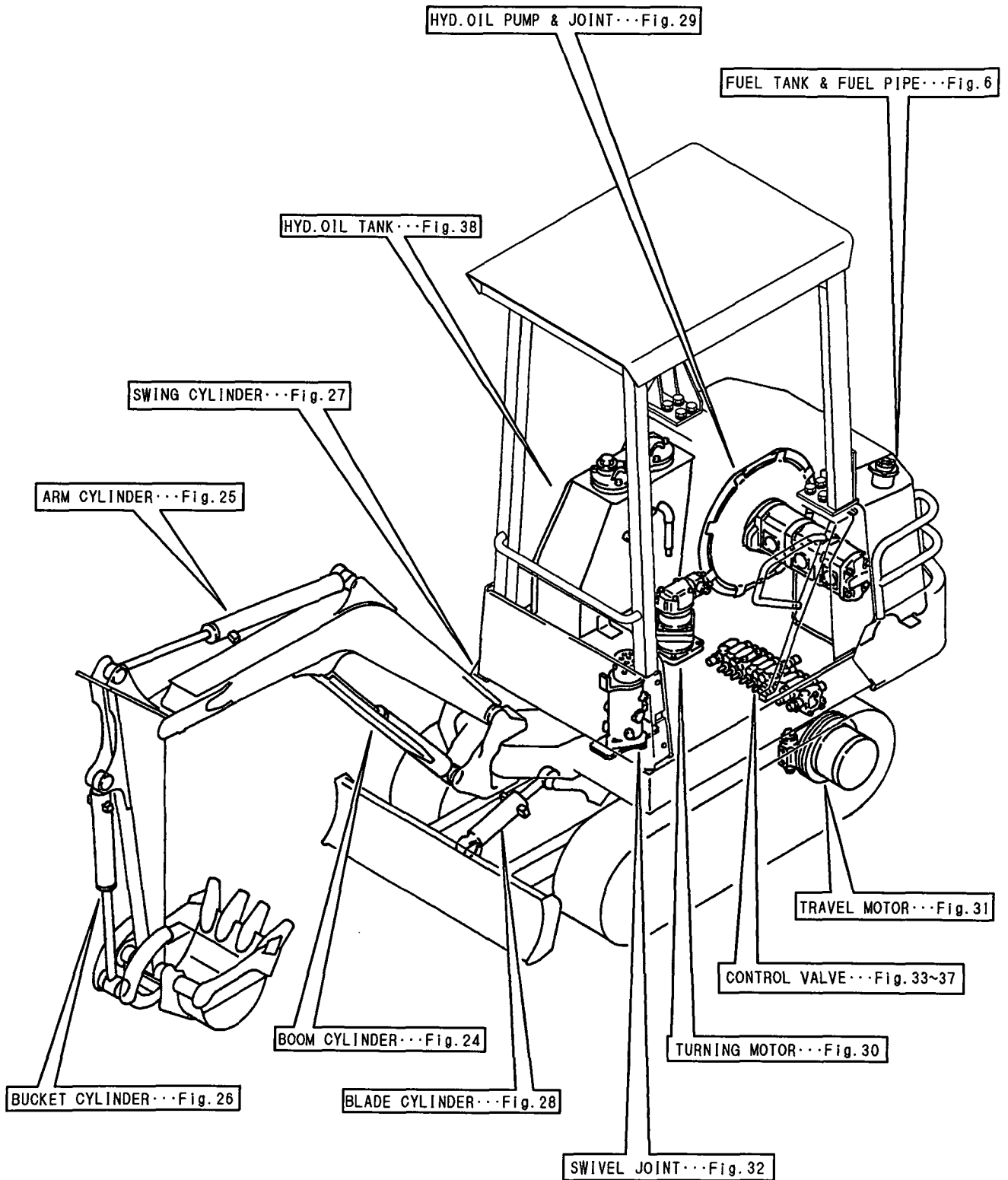
4 [COLOR OF MAIN PARTS]

PART	PAINTED COLOR	MAIN PARTS
①	YANMAR NEW PERMANENT YELLOW	BOOM ARM BOOM CYLINDER ARM CYLINDER BUCKET CYLINDER FUEL TANK HYD.OIL TANK BONNET BOOM BRACKET
②	YANMAR DEEP GREEN	BUCKET BLADE BLADE CYLINDER COUNTER WEIGHT LOWER FRAME SWING CYLINDER
③	YANMAR NEW GRAYISH GREEN	CABIN CANOPY TURNING FRAME
④	YANMAR DARK OLIVE GRAY	CONTROL EQUIPMENT SEAT MOUNT

PICTURESQUE INDEX (1) MAIN PARTS



PICTURESQUE INDEX (2)HYDRAULIC SECTION



Contents

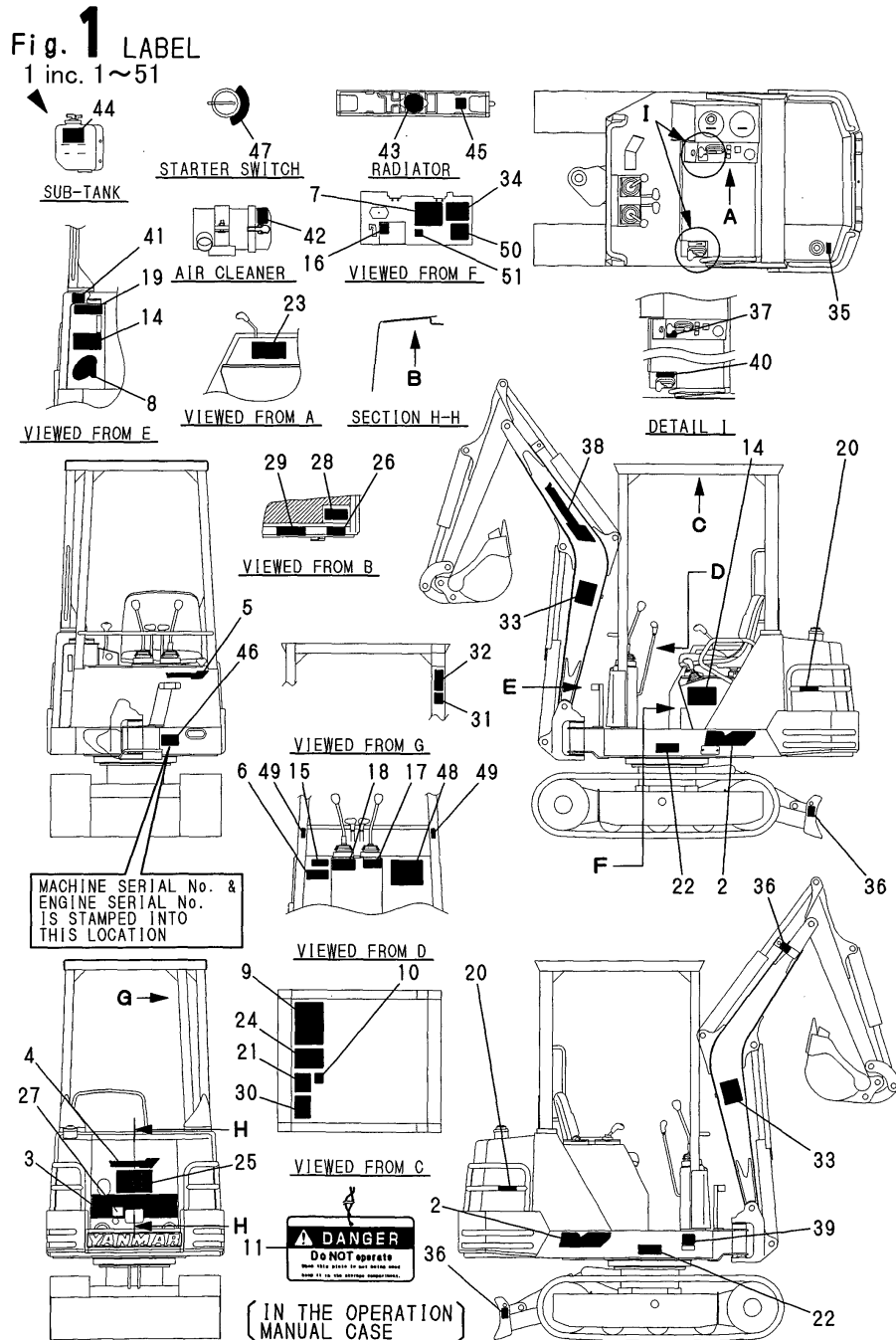
Fig. No.	Fig. Name	Fig. No.	Fig. Name
VEHICLE B17-2B(US)		25.	ARM CYLINDER
1.	LABEL	26.	BUCKET CYLINDER
2.	TOOL	27.	SWING CYLINDER
3.	INLETHOUSE & EXHAUST PIPE	28.	BLADE CYLINDER
4.	ACCELERATOR	29.	HYD. OIL PUMP & JOINT
5.	ENGINE MOUNT & RADIATOR	30.	TURNING MOTOR
6.	FUEL TANK & FUEL PIPE	31.	TRAVEL MOTOR
7.	BATTERY	32.	SWIVEL JOINT
8.	ELECTRIC PART	33.	CONTROL VALVE(TRAVEL,TURNING)
9.	WORK LAMP	34.	CONTROL VALVE(ARM,BUCKET)
10.	TRACK ROLLER	35.	CONTROL VALVE(SWING,BOOM)
11.	TRACK FRAME & IDLER	36.	CONTROL VALVE(BLADE,P.T.O.)
12.	CRAWLER	37.	CONTROL VALVE(P1,P2,P3)
13.	LINK STAND	38.	HYD. OIL TANK
14.	CONTROL EQUIPMENT(BOOM & BUCKET)	39.	GREASING
15.	CONTROL EQUIPMENT(ARM & TURNIG)	40.	HYD. OIL PIPING(TANK-VALVE)
16.	CONTROL EQUIPMENT(TRAVEL & SWING)	41.	HYD. OIL PIPING(VALVE-SWIVEL-MOTOR)
17.	CONTROL EQUIPMENT(BLADE)	42.	HYD. OIL PIPING(RETURN)
18.	OPERATION LEVER STOPPER	43.	HYD. OIL PIPING(TRAVEL)
19.	TURNING FRAME	44.	HYD.OIL PIPING(BOOM)
20.	TURNING BEARING	45.	HYD.OIL PIPING(P.T.O.VALVE-BOOM BLACKET)
21.	BONNET	46.	HYD.OIL PIPING(P.T.O.BOOM END)
22.	SEAT & STEP	47.	BOOM & BOOM BRACKET
23.	CANOPY	48.	ARM & BUCKET LINK
24.	BOOM CYLINDER	49.	BUCKET

Contents

Fig. No.	Fig. Name
50.	BLADE

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



(A)=B17-2BPR(US)

(B)=

(C)=

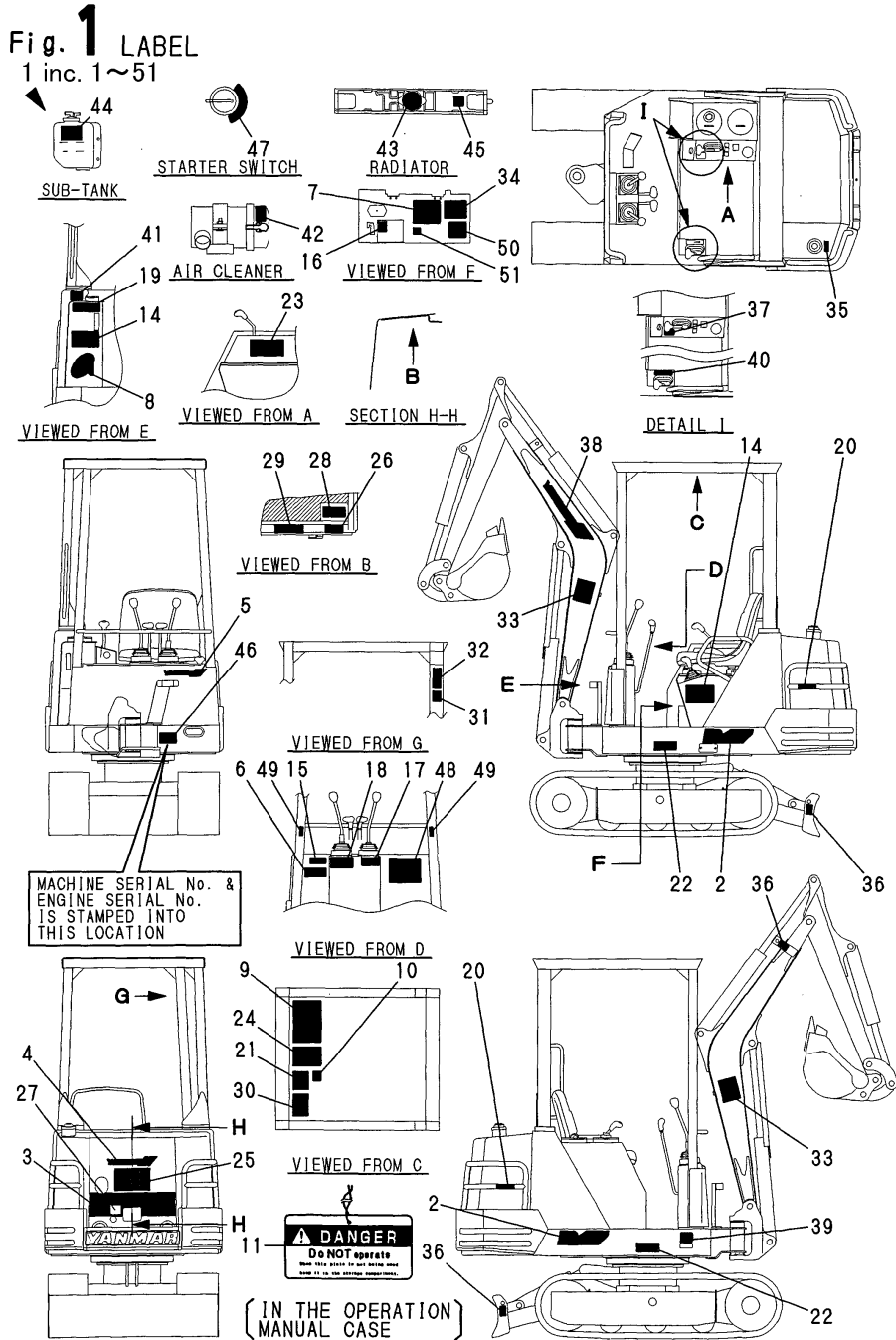
(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772433-03200	LABEL ASSY	1							
2	2	172150-03120	LABEL	2							
3	2	172431-03140	LABEL	1							
4	2	172431-03150	LABEL	1							
5	2	172164-03200	LABEL, BRAND	1							
6	2	172433-03210	LABEL	1							
7	2	172433-03220		1							
8	2	172438-03220	LABEL, NO1	1							
9	2	172433-03231		1							
10	2	172433-03250	LABEL	1							
11	2	172437-03250	TAG ASSY, CAUTION	1							
14	2	172433-03261	LABEL	2							
15	2	172433-03270	LABEL	1							
16	2	172137-03301	LABEL, TURNING LOCK	1							
17	2	172437-03300	LABEL, MANUAL	1							
18	2	172437-03310	LABEL, SLOPE	1							
19	2	172437-03320	LABEL, HYD. OIL TANK	1							
20	2	172437-03330	LABEL, PROTECTOR	2							
21	2	172437-03340	LABEL, TRANSPORT	1							
22	2	172437-03351	LABEL, GREASE CYL.	2							
23	2	172437-03360	LABEL, BATTERY	1							
24	2	172437-03370	LABEL, NEUTRAL	1							
24-1	2	172437-03371	LABEL	1							N
(A=M/#30597)											
25	2	172437-03380	LABEL, SWING AREA	1							
26	2	172437-03390	LABEL, RADIATOR	1							
27	2	172437-03400	LABEL, ENG. HOOD	1							
28	2	172437-03410	LABEL, ENG. ROOM	1							
29	2	172437-03421	LABEL, MUFFLER	1							
30	2	172437-03430	LABEL, STEERING	1							
30-1	2	172437-03431	LABEL, STEERING	1							N
(A=M/#30597)											
31	1	172437-03440	LABEL, ROPS	1							
32	2	172437-03450	LABEL, SEAT BELT	1							
33	2	172437-03460	LABEL, BOOM	2							
34	2	172165-03500	LABEL, GREASE FEED	1							
35	2	172437-03500	LABEL, FUEL	1							
36	2	172437-03510	LABEL, HOOK	3							
37	2	172437-03530	LABEL, RE-START	1							
38	2	172519-03680	LABEL, BRAND	1							
39	2	172122-03740	LABEL, GREASE	1							
40	2	172137-03780	LABEL, THROTTLE	1							
41	2	172155-03790	LABEL, RE-FUELING	1							
42	2	172125-03950	LABEL, AIR CLEANER	1							
43	2	121120-44800	LABEL, RADIATOR	1							
44	2	124764-44810	LABEL, SUB-TANK	1							
45	2	124764-44920	LABEL, ANTI-FREEZING	1							
46	2	22857-300050	SCREW, 3X 5	4							
47	2	933112-20200	LABEL, KEY SWITCH	1							
48	2	933112-21400	LABEL(A2), OPERATION	1							
49	2	172183-03280	LABEL, LOCK	2							

Fig.1. LABEL



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

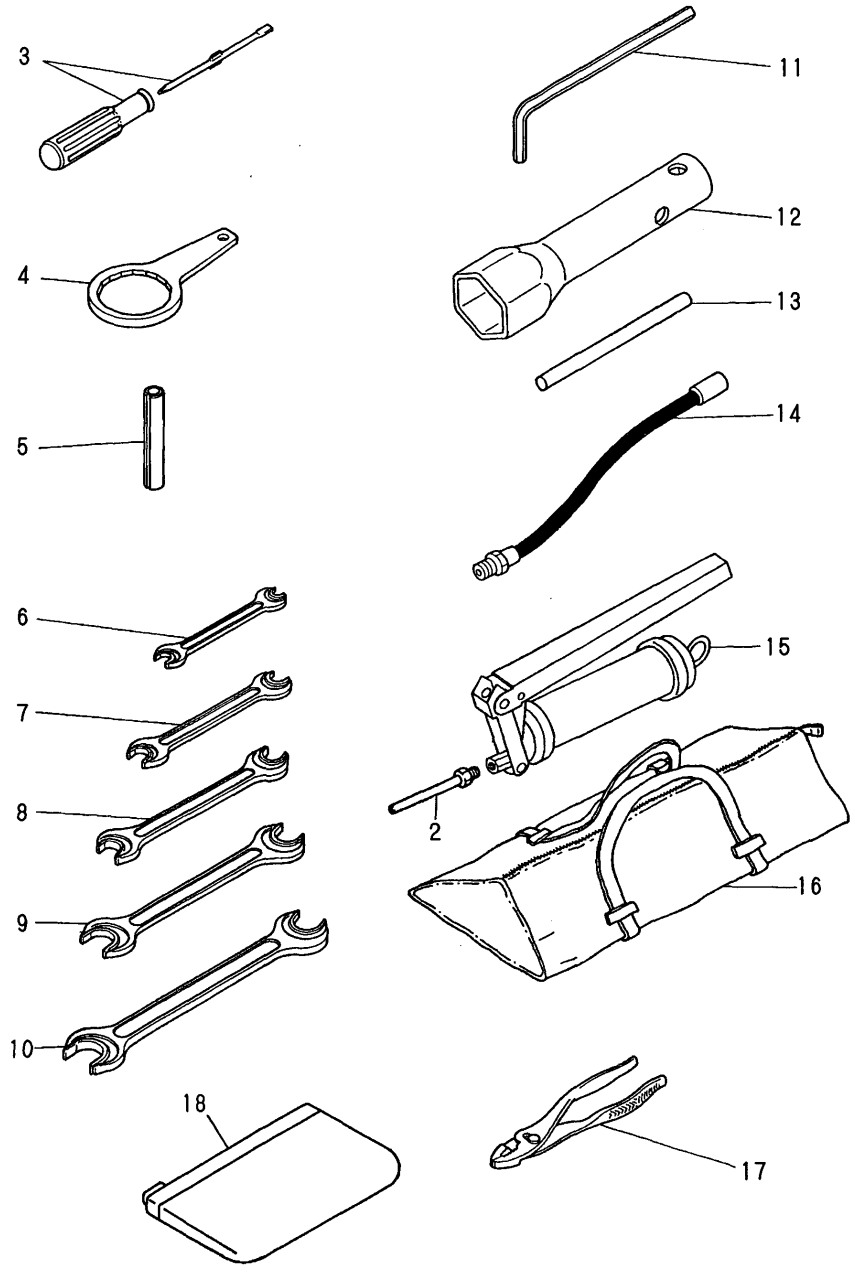
(E)=

(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
50	2	172433-03241	LABEL	1							
51	2	172131-03421	LABEL, 3RD VALVE	1							

Fig.2. TOOL

Fig.2 TOOL



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

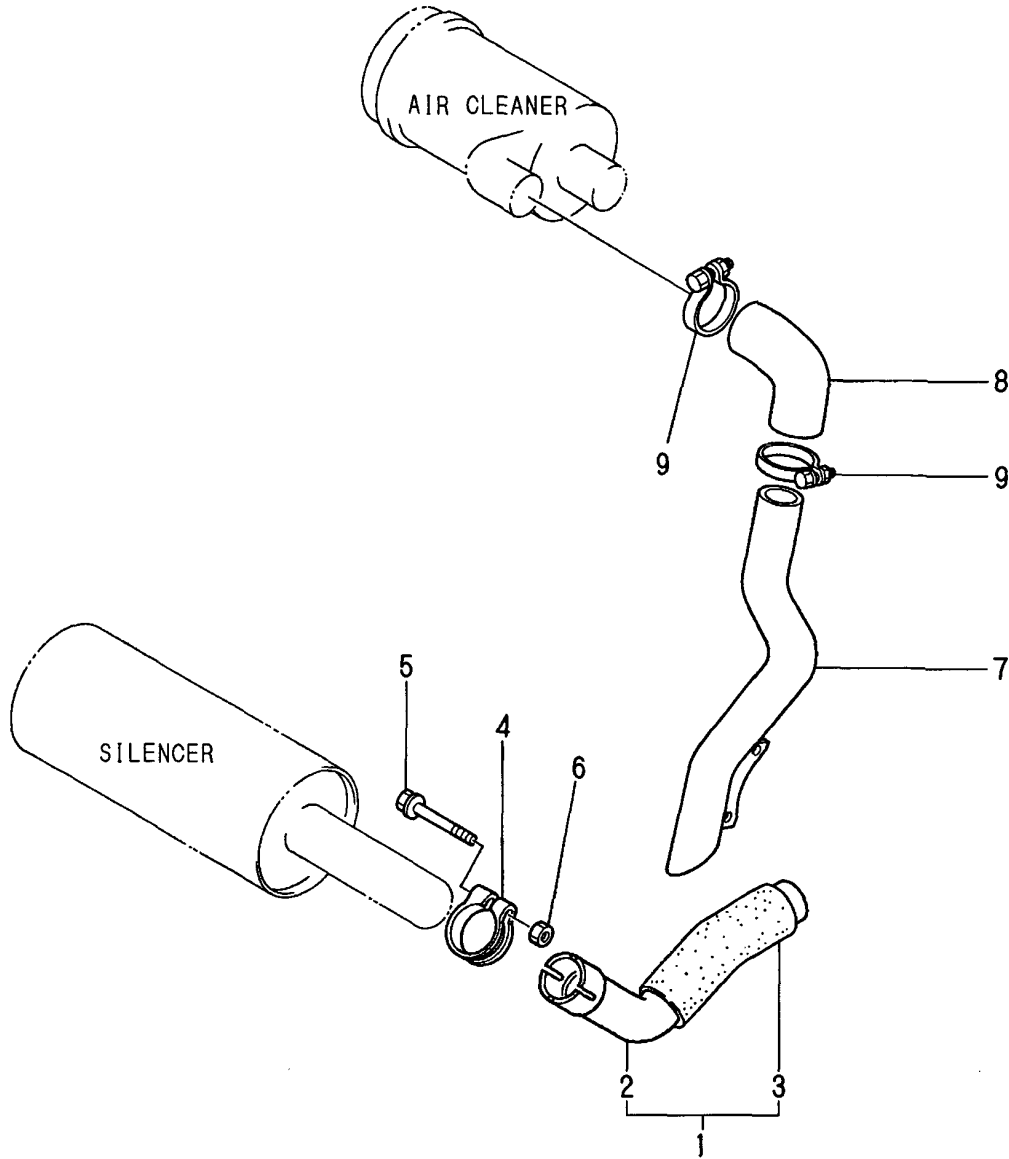
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772149-05101	TOOL ASSY	1							
2	2	172122-05101	NOZZLE	1							
3	2	104200-92350	DRIVER, SCREW	1							
4	2	119640-92750	WRENCH, FILTER 80	1							
5	2	22351-060020	PIN, SPRING 6.0X20	4							Z
(A=FROM 1ST)											
6	2	28110-080100	SPANNER, 8X10	1							
7	2	28110-120140	SPANNER, 12X14	2							
8	2	28110-170190	SPANNER, 17X19	1							
9	2	28110-220240	SPANNER, 22X24	1							
10	2	28110-270300	SPANNER, 27X30	1							
11	2	28150-080000	WRENCH, BAR 8	1							
12	2	28227-271400	BOX WRENCH 27X140	1							
13	2	28230-120250	HANDLE, TURN 12X250	1							
14	2	933110-09701	HOSE, GREASE	1							
15	2	933110-09801	GUN, GREASE	1							
16	2	933110-90000	BAG, TOOL	1							
17	2	933171-00470	PLIER 200	1							
18	1	172434-07330	CASE, MANUAL	1							W
(A=M/#30533)											

Fig.3. INLETHOUSE & EXHAUST PIPE

Fig. 3 INLETHOUSE & EXHAUST PIPE



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

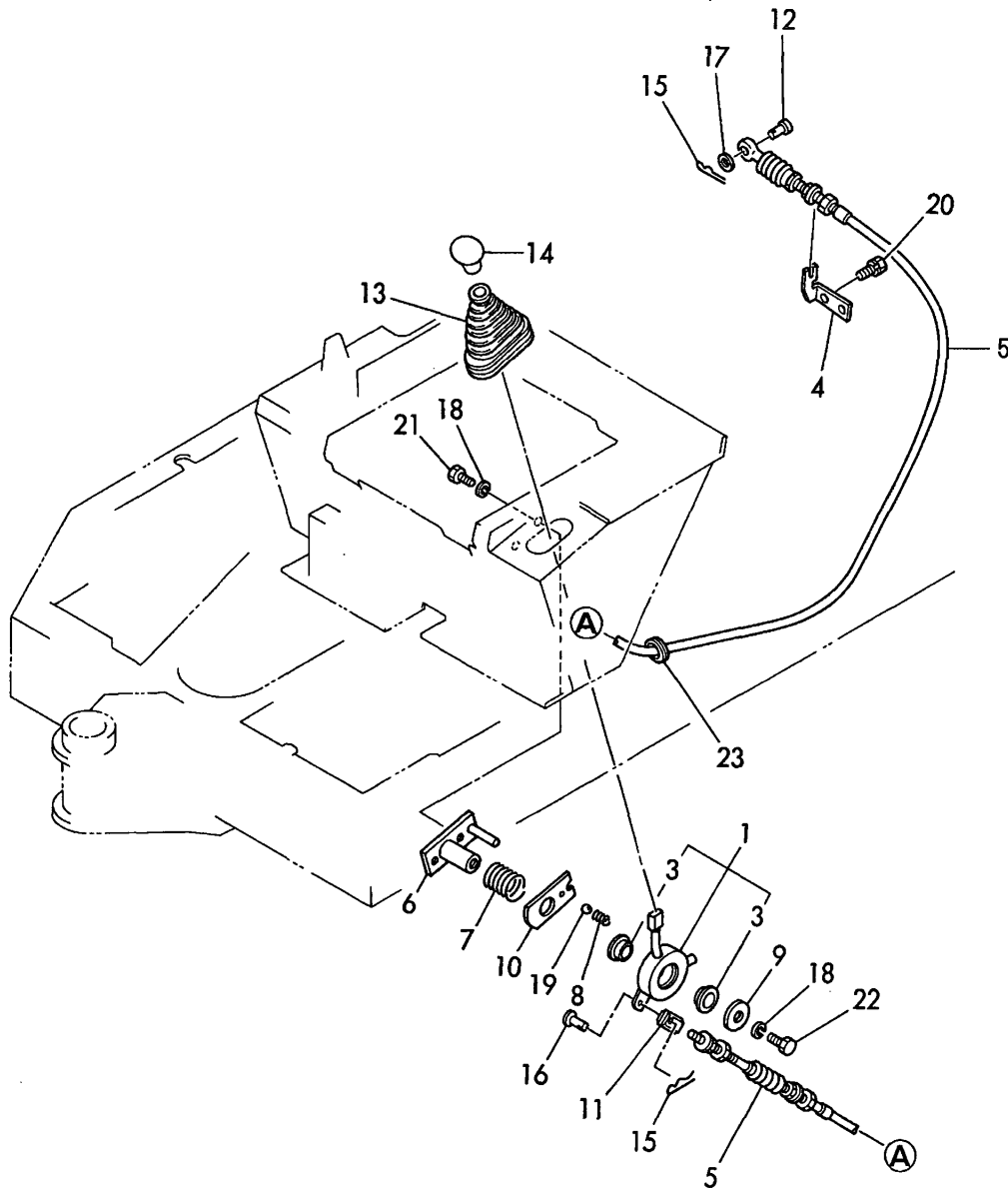
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-11290	PIPE ASSY, EXTERNAL	1							
2	2	172149-11300	EXTENSION, SILENCER	1							
3	2	172164-11310	MAT	1							
4	1	121120-13580	CLAMP	1							
5	1	26106-100652	BOLT, M10X 65 PLATED	1							
6	1	26716-100002	NUT, M10	1							
7	1	172149-11500	PIPE ASSY, AIR	1							
8	1	172149-11530	HOSE	1							
9	1	23000-060000	CLAMP, 60	2							

Fig.4. ACCELERATOR

Fig.4 ACCELERATOR



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

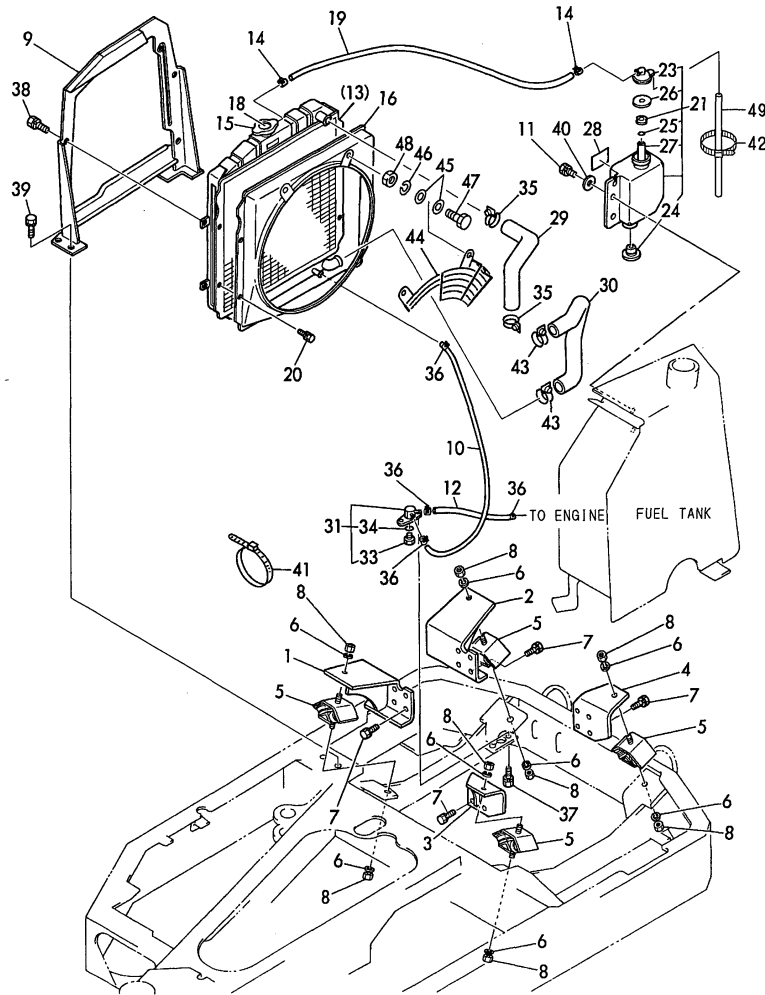
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172149-12150	LEVER W/BUSH, ACCEL	1								
3	2	172141-12220	BUSH 30X10	2								
4	1	172149-12100	SUPPORT, CABLE	1								
5	1	172149-12110	CABLE, ACCELERATOR	1								
6	1	172141-12160	BRACKET	1								
7	1	172141-12232	SPRING	1								
8	1	172141-12240	SPRING	1								
9	1	172141-12250	PLATE	1								
10	1	172141-12260	PLATE	1								
11	1	172137-12270	JOINT, CABLE	1								
12	1	172113-12521	PIN, CABLE	1								
12-1	1	172113-12522	PIN	1								N
(A=M/#30598)												
13	1	172141-41340	BOOTS	1								
14	1	172146-12150	GRIP, ACCELERATOR	1								
15	1	1C6281-52310	PIN, SNAP 6	2								
16	1	1A1040-56900	PIN, 6X17	1								
17	1	22137-060000	WASHER, 6	1								
18	1	22217-100000	WASHER, SPRING 10	3								
19	1	24190-160001	BALL, STEEL 1/2	1								
20	1	26013-080162	BOLT, M8X 16	2								
21	1	26116-100202	BOLT, M10X 20 PLATED	2								
22	1	26116-100302	BOLT, M10X 30 PLATED	1								
23	1	933171-15680	GROMMET	1								

Fig.5. ENGINE MOUNT & RADIATOR

Fig. **5** ENGINE MOUNT & RADIATOR



Remarks

- (1) PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME. REF. NO. 20A.
- (2) PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME. REF. NO. 20B.
- (3) PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME. REF. NO. 27A.
- (4) LABELS ARE NOT ILLUSTRATED.

(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

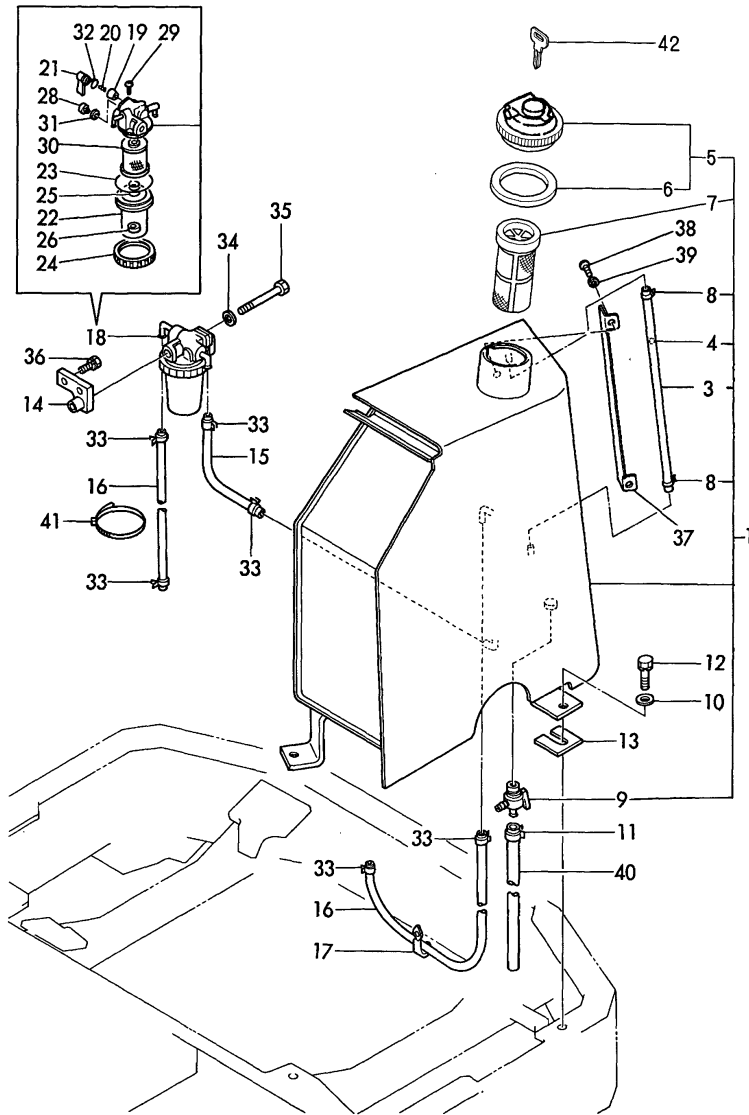
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-13111	BED ASSY, ENGINE	1							
2	1	172137-13141	BED ASSY, ENGINE	1							
3	1	172137-13161	BED ASSY, ENGINE	1							
4	1	172137-13171	BED ASSY, ENGINE	1							
5	1	172137-13180	ABSORBER, SHOCK	4							
6	1	22217-100000	WASHER, SPRING 10	8							
7	1	26013-100202	BOLT, M10X 20	16							
8	1	26716-100002	NUT, M10	8							
9	1	172149-13290	MOUNT, RADIATOR	1							
10	1	172164-14630	HOSE 400	1							
11	1	26013-060162	BOLT, M6X 16	2							
12	1	172164-14630	HOSE 400	1							
13	1	119631-44502	RADIATOR	1							1
14	2	121250-44590	CLAMP	2							
15	2	124450-44590	CAP, RADIATOR	1							2
16	2	119631-44610	SHROUD	1							
18	2	119631-44800	LABEL, RADIATOR	1							
19	2	124738-49150	PIPE, DRAIN L=300	1							
20	2	26014-080162	BOLT, M8X 16	4							
20A	1	124764-44920	LABEL, ANTI-FREEZING	1							4
20B	1	121120-44800	LABEL, RADIATOR	1							4
21	1	121468-44510	SUB-TANK ASSY	1							3
23	2	121450-44531	CAP	1							
24	2	121468-44540	PLUG, SUB-TANK	1							
25	2	124450-44560	RETAINER	1							
26	2	121470-44581	GASKET	1							
27	2	23065-070130	PIPE, 7X 130	1							
27A	1	124764-44810	LABEL, SUB-TANK	1							4
28	1	121470-44540	LABEL, SUB-TANK	1							
29	1	119645-49010	PIPE, WATER	1							
30	1	119631-49020	PIPE, WATER	1							
31	1	121450-49110	COCK ASSY, 3-WAY	1							
33	2	121250-49121	PLUG, DRAIN	1							
34	2	24311-000160	O-RING, 1AP16.0	1							
35	1	23010-040000	CLAMP, 40	2							
36	1	23080-011000	CLAMP, 11	4							
37	1	26013-080162	BOLT, M8X 16	2							
38	1	26013-080162	BOLT, M8X 16	4							
39	1	26013-100252	BOLT, M10X 25	4							
40	1	22137-060000	WASHER, 6	2							
41	1	172122-79890	CLAMP, HOSE	1							
42	1	194202-56460	BAND, 200	1							
43	1	23010-038000	CLAMP, 38	2							
44	1	172433-13400	NET, WIRE	1							
45	1	22137-080000	WASHER, 8	4							
46	1	22217-080000	WASHER, SPRING 8	2							
47	1	26116-080202	BOLT, M8X 20 PLATED	2							
48	1	26716-080002	NUT, M8	2							
49	1	172126-13370	PIPE, DRAIN	1							

Fig.6. FUEL TANK & FUEL PIPE

Fig.6 FUEL TANK & FUEL PIPE



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772149-14102-2	TANK ASSY, FUEL	1							1
3	2	172149-14251	HOSE	1							
4	2	172141-14260	FLOAT	1							
5	2	172122-14301	CAP ASSY, TANK	1							
6	3	172122-14350	GASKET	1							
7	2	172183-14250	FILTER (FUEL	1							
8	2	23010-014000	CLAMP, 14	2							
9	2	104200-11920	COCK, WATER	1							
9A	1	172437-03500	LABEL,FUEL	1							2
10	1	22137-120000	WASHER, 12	3							
11	1	23080-013000	CLAMP, 13	1							
12	1	26013-120302	BOLT, M12X 30	3							
13	1	933171-17770	SHIM SET	1							
14	1	172149-14601	SUPPORT ASSY	1							
15	1	172149-14620	HOSE	1							
16	1	172149-14630	HOSE	2							
17	1	172126-16540	CLAMP	2							
18	1	129335-55700	SEPARATOR ASSY,WATER	1							
19	2	104200-55321	VALVE, TAPER	1							
20	2	104200-55330	SPRING, VALVE	1							
21	2	104200-55341	HANDLE	1							
22	2	124064-55510	COVER	1							
23	2	102103-55520	O-RING	1							
24	2	110250-55610	RING, RETAINING	1							
25	2	121257-55720	SPRING	1							
26	2	121257-55731	FLOAT	1							
28	2	101720-55750	PLUG, 6	2							
29	2	104200-55750	SCREW, M4	1							
30	2	171081-55910	SCREEN	1							
31	2	23418-060000	GASKET, 6X1.0	2							
32	2	24311-240100	O-RING, 1AP10A	1							
33	1	124766-59050	CLIP, HOSE 12	6							
34	1	22217-080000	WASHER, SPRING 8	1							
35	1	26116-080652	BOLT, M8X 65 PLATED	1							
36	1	26013-080162	BOLT, M8X 16	2							
37	1	172149-14190-2	PLATE, GAUGE	1							
38	1	26557-060082	SCREW, M6X 8	2							
39	1	22217-060000	WASHER, SPRING 6	2							
40	1	23061-100250	PIPE 10X 250	1							
41	1	194202-56460	BAND, 200	1							
42	1	933110-00301	KEY ASSY	1							

Remarks

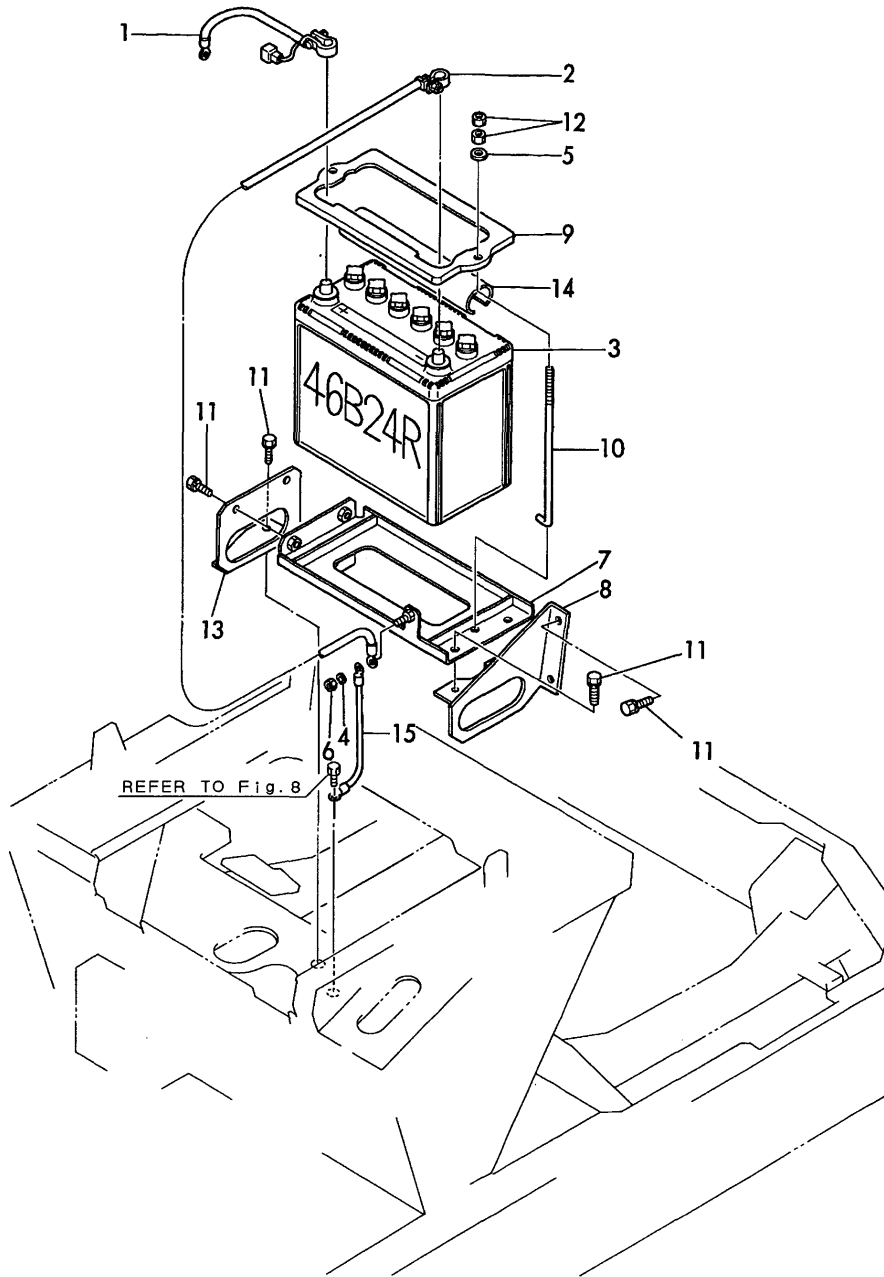
(1)PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME.

REF. NO. 9A.

(2)LABELS ARE NOT ILLUSTRATED.

Fig.7. BATTERY

Fig. 7 BATTERY



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

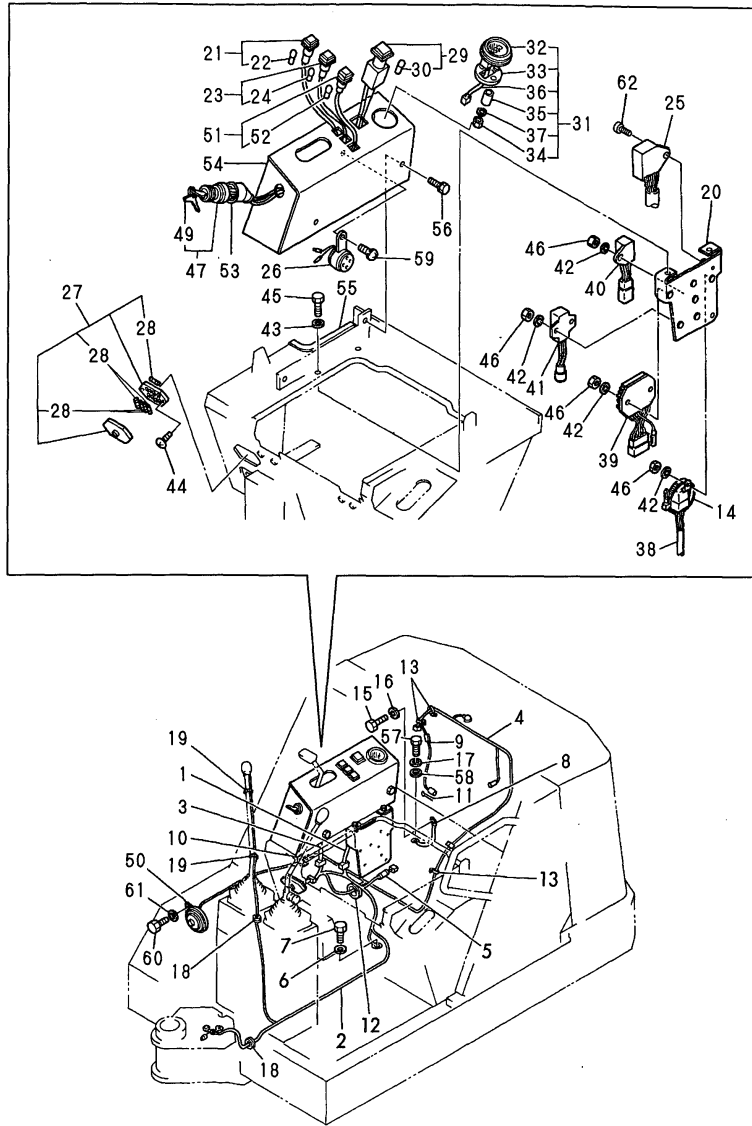
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-16100	HARNES, BATTERY	1							
2	1	172149-16110	HARNES, BATTERY	1							
3	1	194300-51310	BATTERY, 46B24R	1							
4	1	22137-080000	WASHER, 8	2							
5	1	22137-060000	WASHER, 6	2							
6	1	26716-080002	NUT, M8	2							
7	1	172149-16301	SUPPORT ASSY	1							
8	1	172149-16320	STAY ASSY, BATTERY	1							
9	1	194940-64750	CLAMP, BATTERY	1							
10	1	194515-64760	ROD, BATTERY CLAMP	2							
11	1	26013-100202	BOLT, M10X 20	7							
12	1	26716-060002	NUT, M6	4							
13	1	172149-16382	STAY, BATTERY	1							
14	1	194440-51550	COVER, BATTERY	1							
15	1	172149-16120	HARNES F, EARTH	1							

Fig.8. ELECTRIC PART

Fig. 8 ELECTRIC PART



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-16500	HARNESS A	1							
2	1	172149-16512	HARNESS(B	1							
3	1	172149-16520	HARNESS, STARTER	1							
4	1	172149-16530	HARNESS(E	1							
5	1	172122-16570	LINK, FUSIBLE	1							
6	1	22137-100000	WASHER, 10	1							
7	1	26116-100162	BOLT, M10X 16 PLATED	1							
8	1	933171-15801	CORD, ENGINE EARTH	1							
9	1	172149-16540	HARNESS(F	1							
10	1	172149-16550	GROMMET 40X13	1							
11	1	22417-200250	PIN, COTTER 2.0X25	1							
12	1	933110-58400	GROMMET, 43	1							
13	1	172126-16540	CLAMP	1							
14	1	194202-56460	BAND, 200	3							
15	1	26116-120162	BOLT, M12X 16 PLATED	1							
16	1	22217-120000	WASHER, SPRING 12	1							
17	1	22217-100000	WASHER, SPRING 10	1							
18	1	1A1140-58060	GROMMET	2							
19	1	933168-55770	BAND 146	1							
20	1	172149-17100	PLATE	1							
21	1	172149-17120	LAMP	1							
22	2	172149-17140	BULB, 12V 3.4W	1							
23	1	172149-17130	LAMP	1							
24	2	172149-17140	BULB, 12V 3.4W	1							
25	1	172141-17141	CHECKER	1							
26	1	172141-17150	BUZZER	1							
27	1	172141-17161	BOX, FUSE	1							
28	2	29411-150000	FUSE, CARTRIDGE 15A	5							
29	1	172141-17190	SWITCH, WORK LAMP	1							
30	2	172141-17230	BULB, 24V 6W	1							
31	1	172147-17200	METER ASSY, HOUR	1							
32	2	172147-17210	CASE ASSY	1							
33	2	172147-17220	CAP	1							
34	2	172147-17230	NUT	2							
35	2	172147-17240	SLEEVE	2							
36	2	172147-17250	WIRE, LEAD	1							
37	2	22217-050000	WASHER, SPRING 5	2							
38	1	119247-77100	RELAY, SAFETY	1							
39	1	119640-77711	LIMITER, CURRENT	1							
40	1	121522-77721	INDICATOR	1							
41	1	129155-77810	REGISTER	1							
42	1	22217-060000	WASHER, SPRING 6	6							
43	1	22217-100000	WASHER, SPRING 10	2							
44	1	26022-050162	SCREW, M5X16	2							
45	1	26116-100162	BOLT, M10X 16 PLATED	2							
46	1	26716-060002	NUT, M6	6							
47	1	933110-00100	SWITCH ASSY, STARTER	1							
49	2	933110-00301	KEY ASSY	1							
50	1	933110-05300	HORN	1							
50-1	1	933110-05301	HORN	1							N

Remarks

(1)PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME.
REF. NO. 54A-54C.

(2)LABELS ARE NOT ILLUSTRATED.

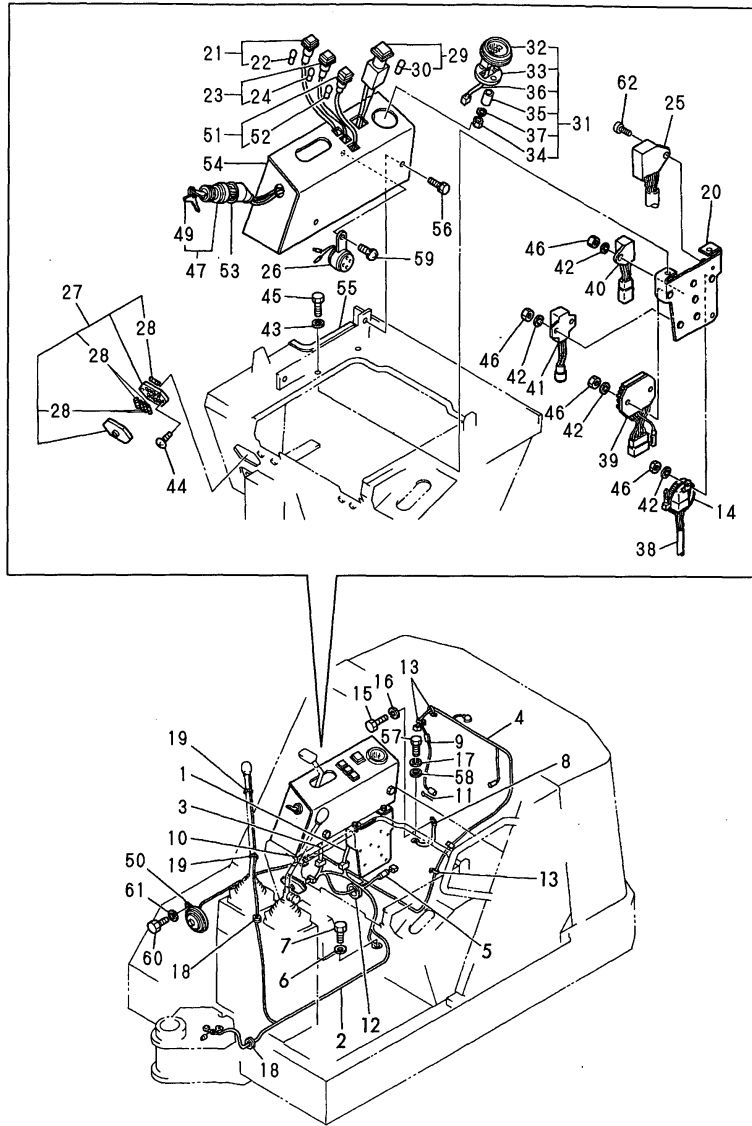
(A=M/#30598)

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

++ CONTINUE ++

Fig.8. ELECTRIC PART

Fig. 8 ELECTRIC PART



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
51	1	933113-05190	LAMP, OIL	1							
52	2	933113-05180	BULB, 12V 3W	1							
53	1	933113-15900	COVER, TERMINAL	1							
54	1	172149-63100	PANEL ASSY	1							1
54A	1	172437-03360	LABEL,BATTERY	1							2
54B	1	172437-03530	LABEL,RE-START	1							2
54C	1	933112-20200	LABEL, KEY SWITCH	1							2
55	1	172141-65970	RUBBER, PLATE	1							
56	1	26013-100202	BOLT, M10X 20	2							
57	1	26116-100162	BOLT, M10X 16 PLATED	1							
58	1	22137-100000	WASHER, 10	1							
59	1	26022-060122	SCREW, M6X12	1							
60	1	26116-060122	BOLT, M6X 12 PLATED	2							
61	1	22217-060000	WASHER, SPRING 6	2							
62	1	26022-060122	SCREW, M6X12	1							

Remarks

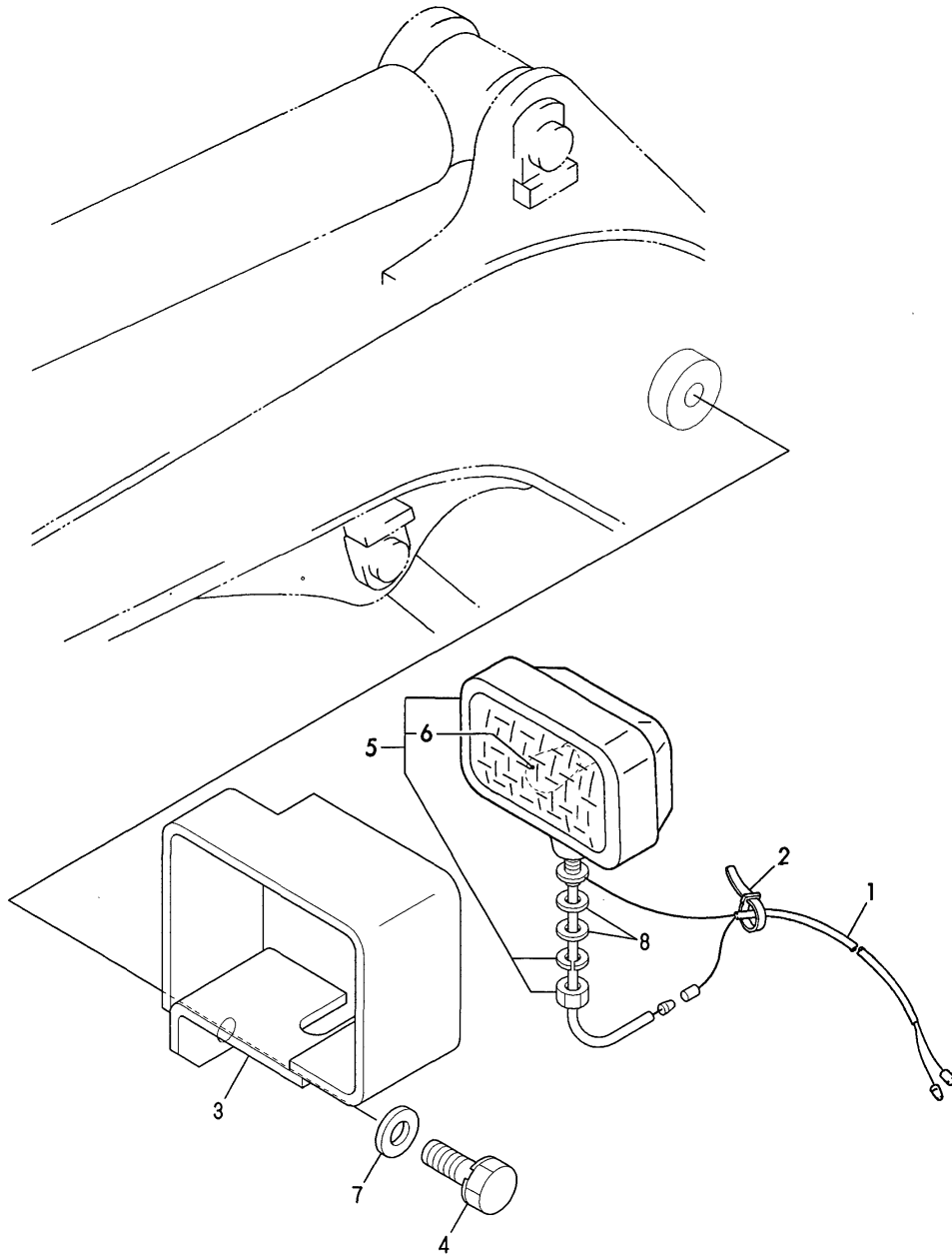
(1)PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME.

REF. NO. 54A-54C.

(2)LABELS ARE NOT ILLUSTRATED.

Fig.9. WORK LAMP

Fig.9 WORK LAMP



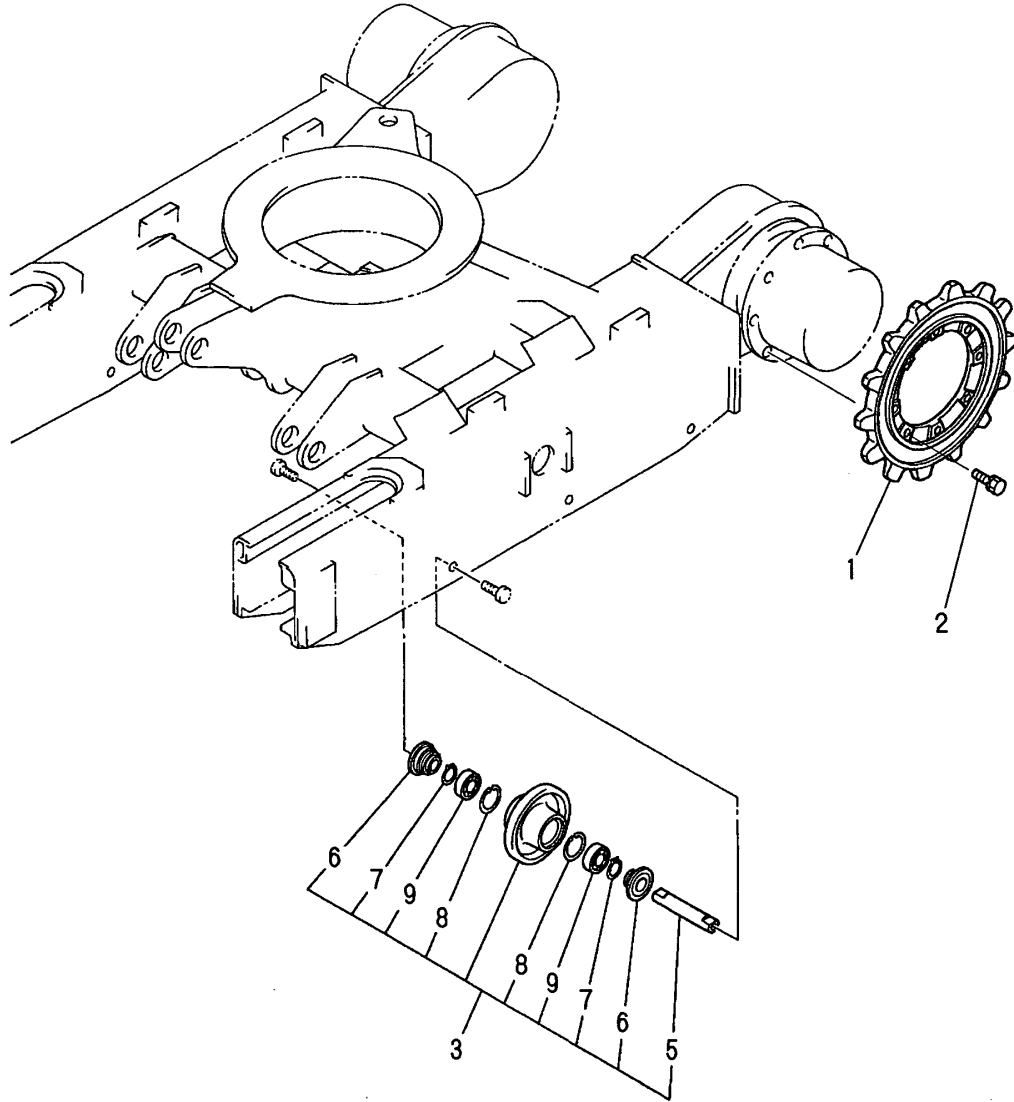
(A)=B17-2BPR(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-16531	WIRE, LEAD	1							
2	1	172137-16560	BAND	4							
3	1	172433-17400	COVER ASSY, LAMP	1							
4	1	26013-120252	BOLT, M12X 25	1							
5	1	933113-05200	LAMP, WORK	1							
6	2	933113-05210	BULB, 12V 27W	1							
7	1	933152-03700	WASHER, CLUTCH	1							
8	1	22137-130000	WASHER, 13	2							

Fig.10. TRACK ROLLER

Fig. 10 TRACK ROLLER



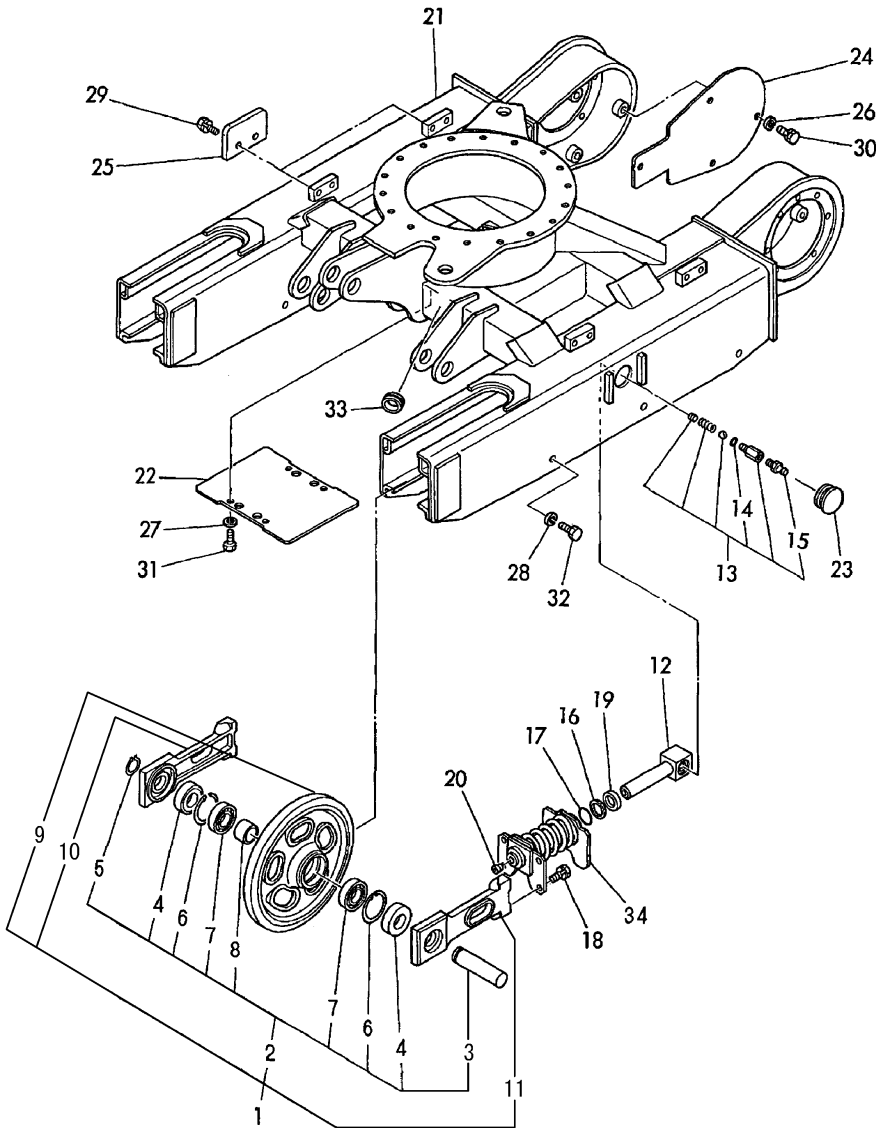
(A)=B17-2BPR(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-29111	SPROCKET	2							
2	1	26013-100252	BOLT, M10X 25	18							
3	1	772137-37300	ROLLER ASSY, TRUCK	6							
5	2	172137-37330	SHAFT, ROLLER	6							
6	2	172137-37360	SEAL, TW254716	12							
7	2	22242-000250	RING, 25	12							
8	2	22252-000470	RING, 47	12							
9	2	24101-060054	BEARING, BALL 6005	12							

Fig.11. TRACK FRAME & IDLER

P/C NEWS No: Y00S3811-1
PUBLISHED: 2008/2



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

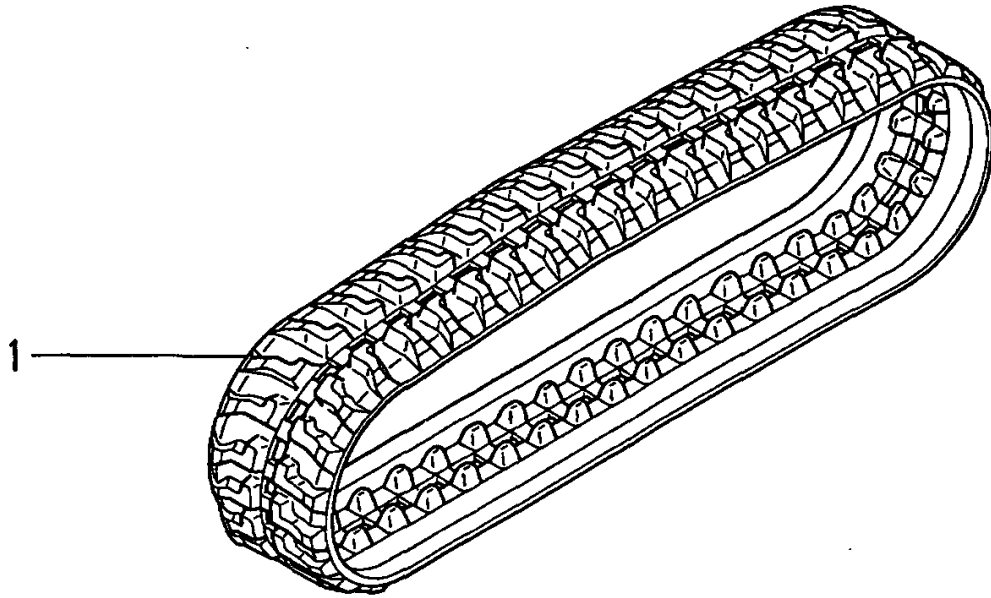
(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772137-37100	IDLER ASSY, FRONT	2							
2	2	172137-99490	IDLER KIT, FRONT	2							
3	3	172137-37110	SHAFT, IDLER	2							
4	3	1A1030-48250	SEAL, QLF30621218	4							
5	3	22242-000300	RING, 30	2							
6	3	22252-000620	RING, 62	4							
7	3	24101-062064	BEARING, BALL 6206	4							
8	3	933168-13990	COLLAR, SHAFT	2							
9	2	172137-37100	IDLER ASSY, FRONT	2							
10	2	172137-37130	COVER, IDLER SEAL	2							
11	2	172137-37140	COVER, IDLER SEAL	2							
12	1	172137-37801	TUBE ASSY, ADJUST	2							
12-1	1	172448-37800	TUBE ASSY, ADJUST	2							N
(A=MXXXXX)											
13	1	172122-37843	VALVE ASSY, NIPPLE	2							
14	2	24315-000140	O-RING, 1BP14.0	2							
15	2	24761-020000	NIPPLE, GREASE PT1/8	2							
16	1	172137-37850	RING, BACK UP	2							
17	1	24315-000300	O-RING, 1BP30.0	2							
18	1	26013-100302	BOLT, M10X 30	8							
19	1	933126-38600	SEAL, DUST	2							
20	1	933171-13691	PLUG PT1/8	2							
21	1	172149-50102-1	FRAME	1							
22	1	172131-50360-1	COVER	1							
23	1	172141-50890	GROMMET	2							
24	1	172137-51700-1	COVER, MOTOR	2							
25	1	172137-51900-1	PLATE	4							
26	1	22217-100000	WASHER, SPRING 10	8							
27	1	22217-100000	WASHER, SPRING 10	4							
28	1	22217-120000	WASHER, SPRING 12	12							
29	1	26013-100302	BOLT, M10X 30	8							
30	1	26116-100202	BOLT, M10X 20 PLATED	8							
31	1	26116-100202	BOLT, M10X 20 PLATED	4							
32	1	26116-120252	BOLT, M12X 25 PLATED	12							
33	1	172131-78350	GROMMET, 13.5	2							
34	1	172137-37710	SPRING ASSY, ADJUST	2							

∴ MARKED PART HAS BEEN CHANGED (ADDED).

Fig.12. CRAWLER

Fig. **12** CRAWLER



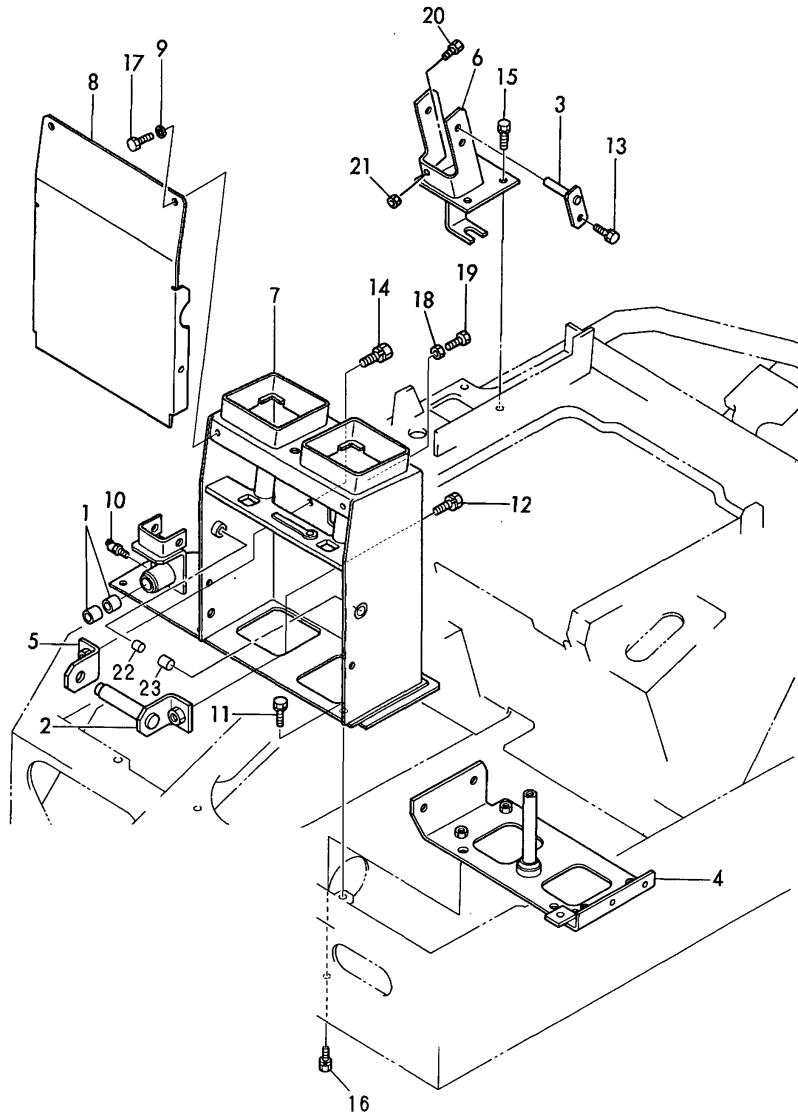
(A)=B17-2BPR(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I	R
1	1	172137-38600	CRAWLER ASSY, RUBBER				2				

Fig.13. LINK STAND

Fig. 13 LINK STAND



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41370	BUSH 2015	2							
2	1	172149-41830	SHAFT ASSY, TRACK	1							
3	1	172149-41860	PIN, BLADE	1							
4	1	172149-41900	PLATE, LINK	1							
5	1	172149-41950	PLATE, TRACK	1							
6	1	172149-42011	BRACKET	1							
7	1	172149-42101	SUPPORT, LINK	1							1
7A	1	172437-03300	LABEL, MANUAL	1							2
7B	1	172437-03310	LABEL, SLOPE	1							2
8	1	172149-42250	COVER, SUPPORT	1							
9	1	22217-080000	WASHER, SPRING 8	4							
10	1	24761-020000	NIPPLE, GREASE PT1/8	1							
11	1	26013-100202	BOLT, M10X 20	5							
12	1	26013-100202	BOLT, M10X 20	1							
13	1	26013-100202	BOLT, M10X 20	1							
14	1	26013-100202	BOLT, M10X 20	1							
15	1	26013-100202	BOLT, M10X 20	3							
16	1	26013-100252	BOLT, M10X 25	4							
17	1	26116-080162	BOLT, M8X 16 PLATED	4							
18	1	26756-100002	NUT, LOCK M10	2							
19	1	26116-100252	BOLT, M10X 25 PLATED	2							
20	1	26116-080304	BOLT, M8X 30 PLATED	1							
21	1	26716-080002	NUT, M8	1							
22	1	172312-12150	BUSH 10X10	1							
23	1	933171-23670	BUSH	1							

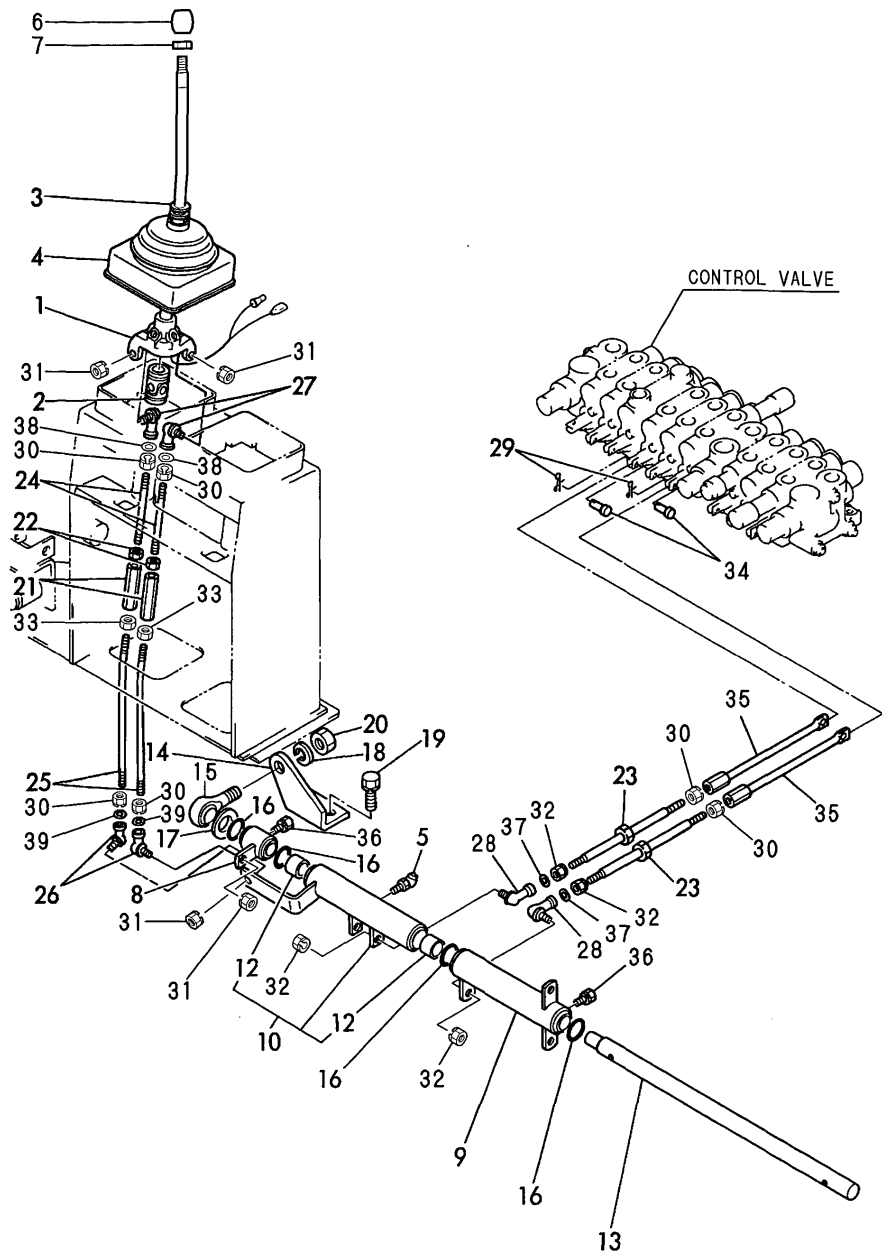
Remarks

(1)PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME.
REF. NO. 7A,7B.

(2)LABELS ARE NOT ILLUSTRATED.

Fig.14. CONTROL EQUIPMENT(BOOM & BUCKET)

Fig. 14 CONTROL EQUIPMENT (BOOM & BUCKET)



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172433-41050	LEVER R	1							
2	1	172141-41160	JOINT	1							
3	1	172141-41311	GROMMET	1							
4	1	172141-41331	BOOTS, LEVER (GRAY)	1							
5	1	24761-040000	NIPPLE, GREASE B	1							
6	1	172312-46301	KNOB ASSY	1							
7	1	26757-100002	NUT, LOCK M10	1							
8	1	172149-41250	LINK(A), BOOM	1							
9	1	172149-41300	LINK(B), BOOM	1							
10	1	172149-41320	LINK, BUCKET	1							
12	2	172141-41370	BUSH 2015	2							
13	1	172149-41650	SHAFT, LINK	1							
14	1	172149-41790	STAY, LINK	1							
15	1	172122-45720	END, ROD	1							
16	1	172124-46200	O-RING	4							
17	1	22157-120000	WASHER, 12	2							
18	1	22217-140000	WASHER, SPRING 14	1							
19	1	26013-100202	BOLT, M10X 20	2							
20	1	26716-140002	NUT, M14	1							
21	1	172137-46400	TURNBUCKLE ASSY	2							
22	1	194150-22480	NUT, M10 L	2							
23	1	172149-42710	ROD C COMP	2							
24	1	172149-42641	ROD(RA)	2							
25	1	172149-42651	ROD(RB)	2							
26	1	172122-46590	ELBOW	2							
27	1	172122-46590	ELBOW	2							
28	1	172122-46590	ELBOW	2							
29	1	1C6281-52310	PIN, SNAP 6	2							
30	1	26051-080002	NUT, M8	6							
31	1	26051-080002	NUT, M8	4							
32	1	26051-080002	NUT, M8	4							
33	1	26716-100002	NUT, M10	2							
34	1	933110-54100	PIN 4.75X14	2							
35	1	172149-42450	ROD(G), SPOOL	2							
36	1	26013-100202	BOLT, M10X 20	2							
37	1	22137-080000	WASHER, 8	2							
38	1	22137-080000	WASHER, 8	2							
39	1	22137-080000	WASHER, 8	2							

Fig.15. CONTROL EQUIPMENT(ARM & TURNIG)

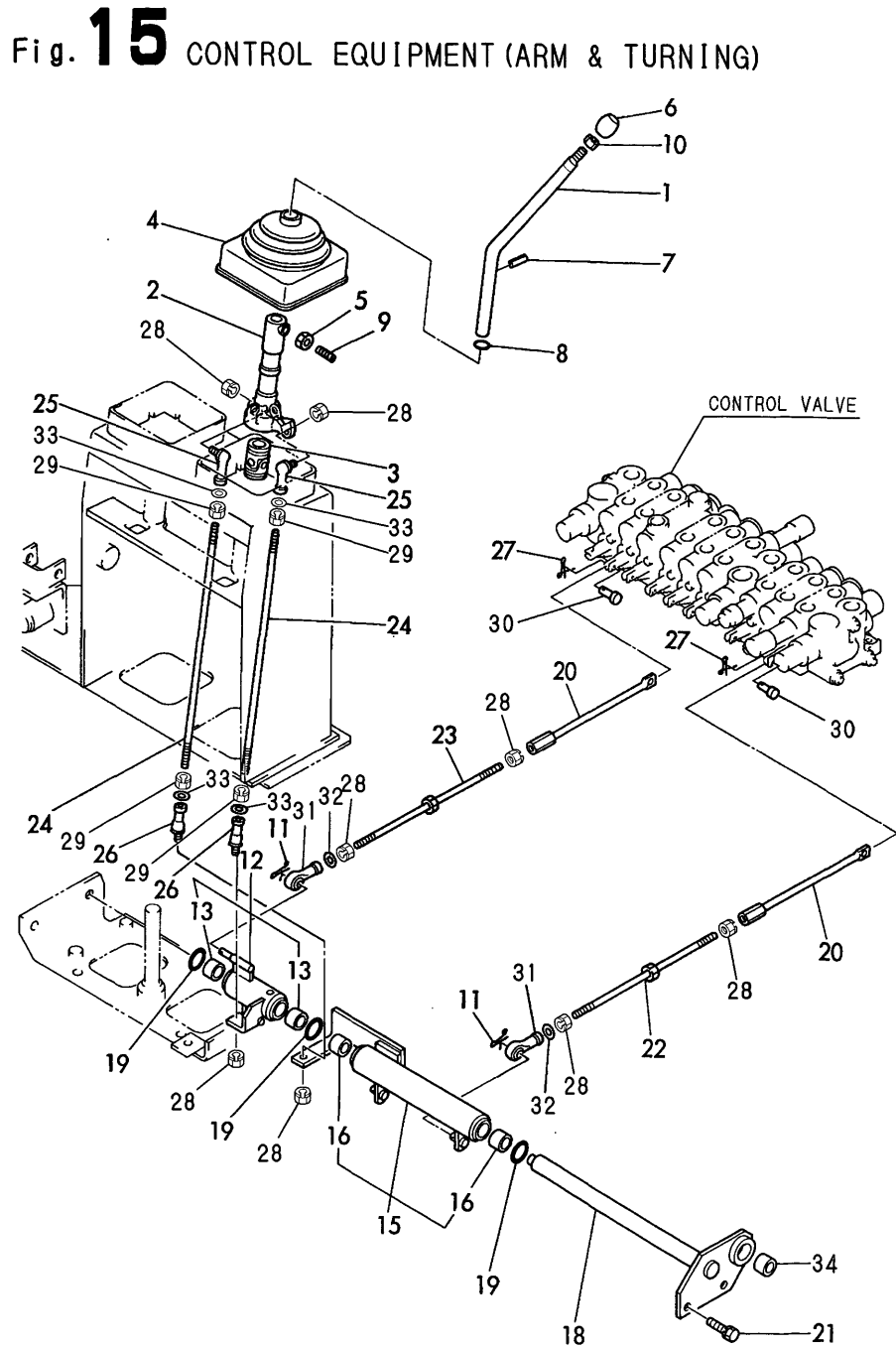


Fig. 15 CONTROL EQUIPMENT (ARM & TURNING)

(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

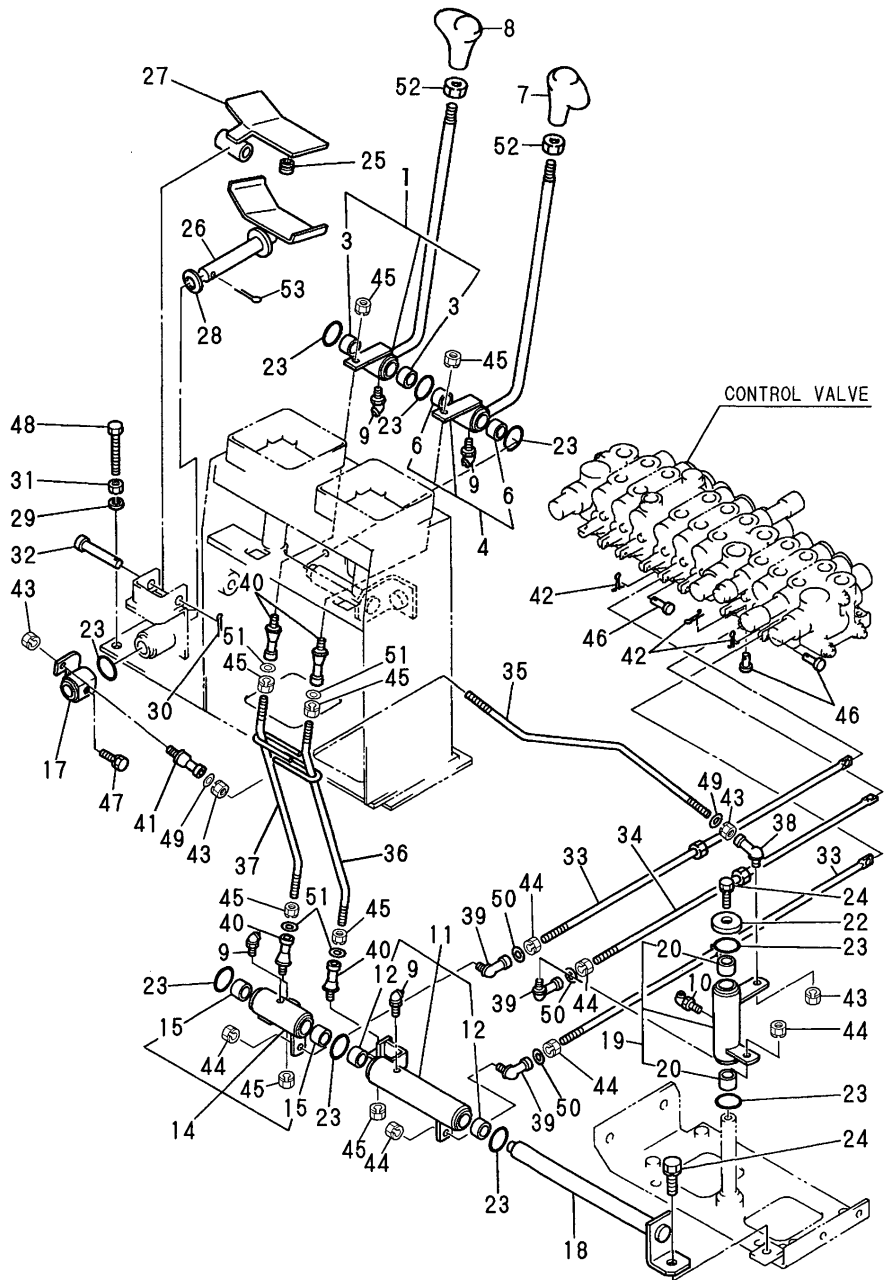
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172433-41100	LEVER L	1							
2	1	172141-41150	LINK(L), LEVER	1							
3	1	172141-41160	JOINT	1							
4	1	172141-41331	BOOTS, LEVER (GRAY)	1							
5	1	26756-080002	NUT, LOCK M8	1							
6	1	172312-46321	KNOB	1							
7	1	22351-030010	PIN, SPRING 3.0X10	1							
8	1	24311-000140	O-RING, 1AP14.0	1							
9	1	26979-080162	SCREW, M8X16	1							
10	1	26757-100002	NUT, LOCK M10	1							
11	1	1C6281-52320	PIN, SNAP 8	2							
12	1	172149-41370	LINK, TURNING	1							
13	2	172141-41370	BUSH 2015	2							
15	1	172149-41420	LINK, ARM	1							
16	2	172141-41370	BUSH 2015	2							
18	1	172149-41660	SHAFT ASSY	1							
19	1	172124-46200	O-RING	3							
20	1	172149-42450	ROD(G), SPOOL	2							
21	1	26013-100202	BOLT, M10X 20	2							
22	1	172149-42690	ROD D COMPL.	1							
23	1	172149-42700	ROD E COMPL.	1							
24	1	172149-42620	ROD (L)	2							
25	1	172122-46590	ELBOW	2							
26	1	172122-47250	BALL 8, LINK	2							
27	1	1C6281-52310	PIN, SNAP 6	2							
28	1	26051-080002	NUT, M8	8							
29	1	26051-080002	NUT, M8	4							
30	1	933110-54100	PIN 4.75X14	2							
31	1	172122-46571	END, ROD	2							
32	1	22137-080000	WASHER, 8	2							
33	1	22137-080000	WASHER, 8	4							
34	1	172141-41370	BUSH 2015	1							

Fig.16. CONTROL EQUIPMENT(TRAVEL & SWING)

Fig. 16 CONTROL EQUIPMENT (TRAVEL & SWING)



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

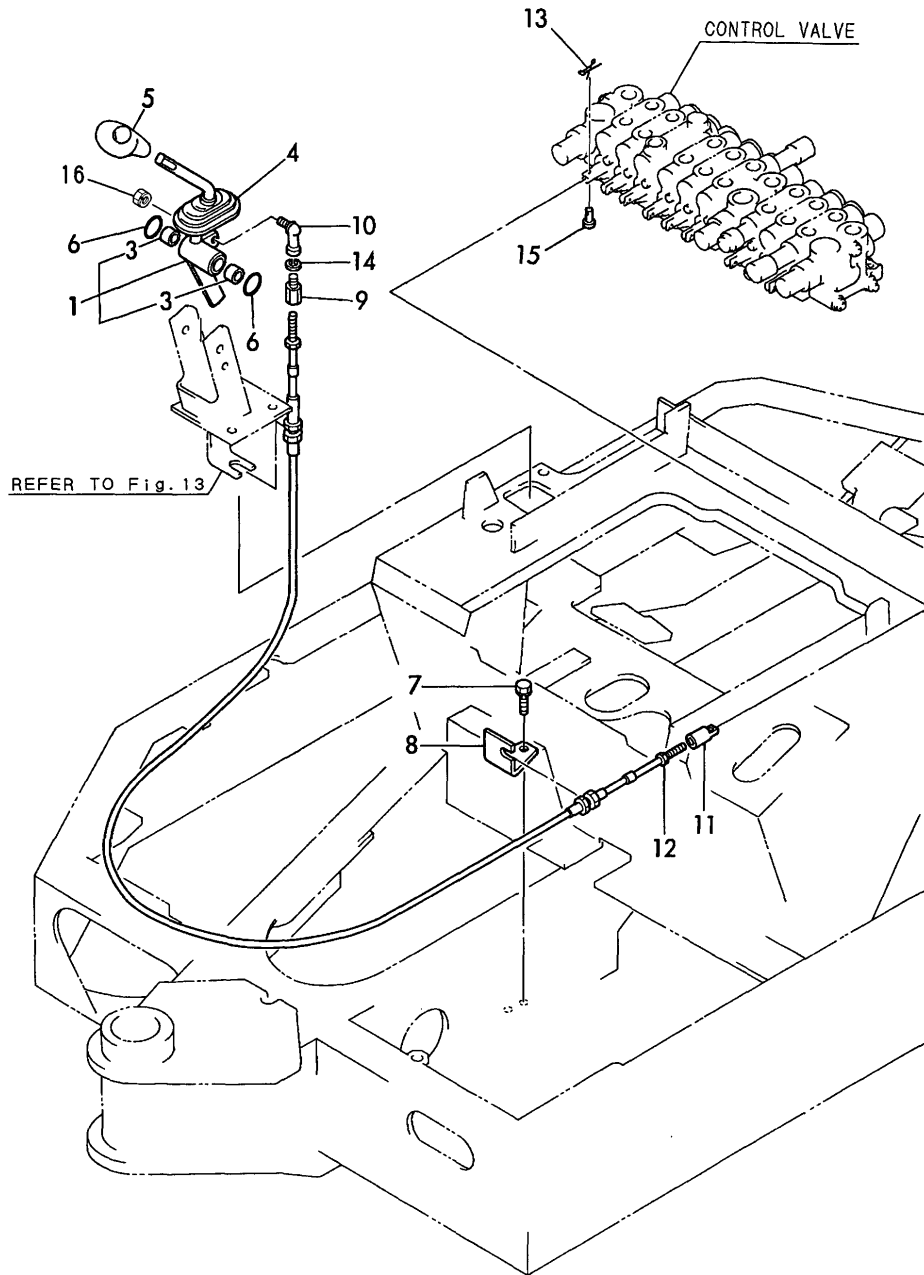
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-41121	LEVER(R), TRACK	1							
3	2	172141-41370	BUSH 2015	2							
4	1	172149-41161	LEVER(L),TRACK	1							
6	2	172141-41370	BUSH 2015	2							
7	1	172164-45951	GRIP, DRIVE	1							
8	1	172164-45961	GRIP, DRIVE	1							
9	1	24761-040000	NIPPLE, GREASE B	4							
10	1	24761-050000	NIPPLE, GREASE C	1							
11	1	172149-41480	LINK, TRACK(L)	1							
12	2	172141-41370	BUSH 2015	2							
14	1	172149-41530	LINK, TRACK(R)	1							
15	2	172141-41370	BUSH 2015	2							
17	1	172149-41600	LINK(B), SWING	1							
18	1	172149-41710	SHAFT ASSY, TRACK	1							
19	1	172149-41750	LINK(A), SWING	1							
20	2	172141-41370	BUSH 2015	2							
22	1	1A1040-45890	WASHER, 10X36X4.5	1							
23	1	172124-46200	O-RING	9							
24	1	26013-100202	BOLT, M10X 20	2							
25	1	172111-16890	GROMMET, 9	1							
26	1	172149-41800	PEDAL, SWING	1							
27	1	172149-42400	LOCK, SWING	1							
28	1	172614-45170	SPRING	1							
29	1	22217-100000	WASHER, SPRING 10	2							
30	1	22417-250200	PIN, COTTER 2.5X20	1							
31	1	26716-100002	NUT, M10	2							
32	1	933171-18390	PIN, FOOT BAR	1							
33	1	172149-42500	ROD(A), SPOOL	2							
34	1	172149-42520	ROD(B), SPOOL	1							
35	1	172149-42590	ROD(F)	1							
36	1	172149-42600	ROD, DRIVING	1							
37	1	172149-42610	ROD(R) W/BUSH	1							
38	1	172122-46590	ELBOW	1							
39	1	172122-46590	ELBOW	3							
40	1	172122-47250	BALL 8, LINK	4							
41	1	172122-47250	BALL 8, LINK	1							
42	1	1C6281-52310	PIN, SNAP 6	3							
43	1	26051-080002	NUT, M8	4							
44	1	26051-080002	NUT, M8	6							
45	1	26051-080002	NUT, M8	8							
46	1	933110-54100	PIN 4.75X14	3							
47	1	26013-100202	BOLT, M10X 20	1							
48	1	26116-100602	BOLT, M10X 60 PLATED	2							
49	1	22137-080000	WASHER, 8	2							
50	1	22137-080000	WASHER, 8	3							
51	1	22137-080000	WASHER, 8	4							
52	1	26716-100002	NUT, M10	2							
53	1	22417-400400	PIN, COTTER 4.0X40	1							

Fig.17. CONTROL EQUIPMENT(BLADE)

Fig. 17 CONTROL EQUIPMENT (BLADE)



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

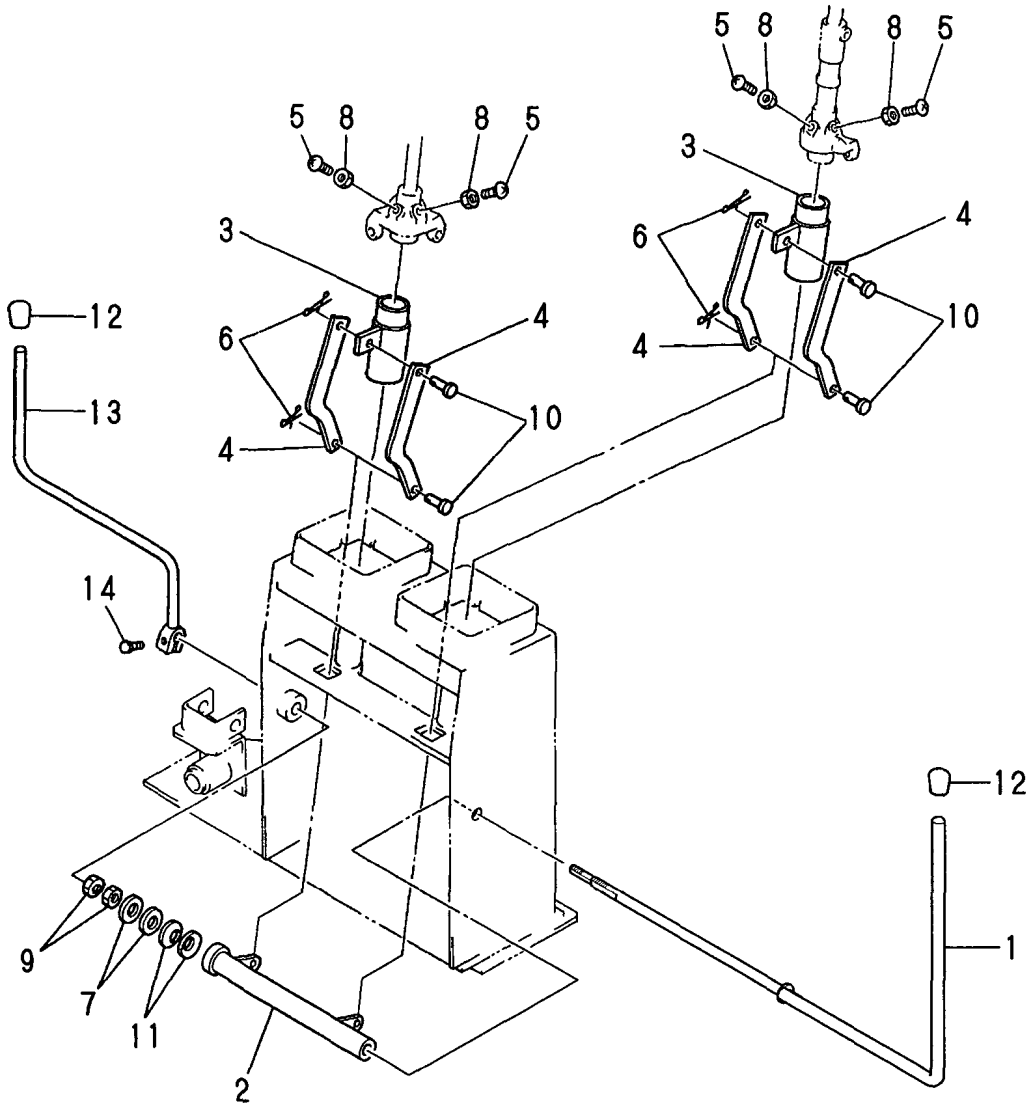
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-41192	LEVER, BLADE	1							
3	2	172141-41360	BUSH 1415	2							
4	1	172141-41340	BOOTS	1							
5	1	172164-45970	GRIP, BLADE	1							
6	1	24311-000210	O-RING, 1AP21.0	2							
7	1	26013-100202	BOLT, M10X 20	2							
8	1	172149-42670	SUPPORT, CABLE	1							
9	1	172141-42960	JOINT, CABLE	1							
10	1	172122-46590	ELBOW	1							
11	1	172116-46910	JOINT, SPOOL	1							
12	1	172149-42680	CABLE, BLADE	1							
13	1	1C6281-52310	PIN, SNAP 6	1							
14	1	22217-080000	WASHER, SPRING 8	1							
15	1	933110-54100	PIN 4.75X14	1							
16	1	26051-080002	NUT, M8	1							

Fig.18. OPERATION LEVER STOPPER

Fig. 18 OPERATION LEVER STOPPER



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

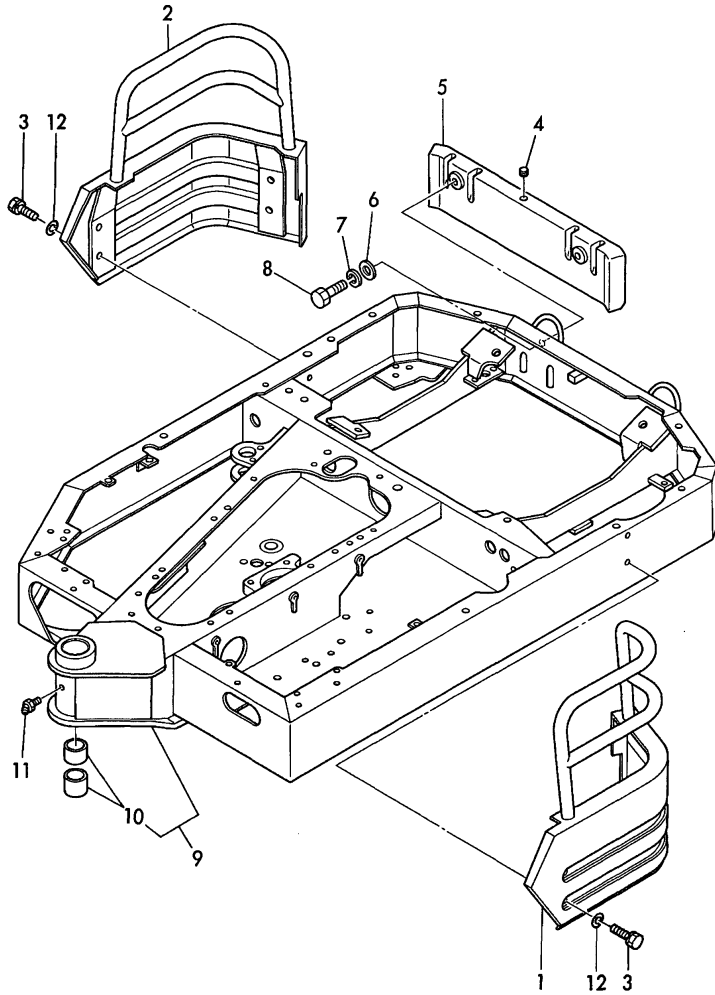
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-42302	LEVER, LOCK	1							
2	1	172149-42351	ARM ASSY, LOCK	1							
3	1	172141-42600	PIPE ASSY, LOCK	2							
4	1	172141-42701-4	LINK, LOCK	4							
5	1	172141-42750	BOLT, STOPPER	8							
6	1	1C6281-52310	PIN, SNAP 6	4							
7	1	22137-120000	WASHER, 12	2							
8	1	26756-080002	NUT, LOCK M8	8							
9	1	26756-120002	NUT, LOCK M12	2							
10	1	933110-54100	PIN 4.75X14	4							
11	1	933170-01490	SPRING	2							
12	1	172116-46630	KNOB, LEVER	2							
13	1	172149-42320	LEVER, LOCK R	1							
14	1	26013-060202	BOLT, M6X 20	1							

Fig.19. TURNING FRAME

(A)=B17-2BPR(US)
 (B)=
 (C)=
 (D)=
 (E)=
 (F)=

Fig. **19** TURNING FRAME



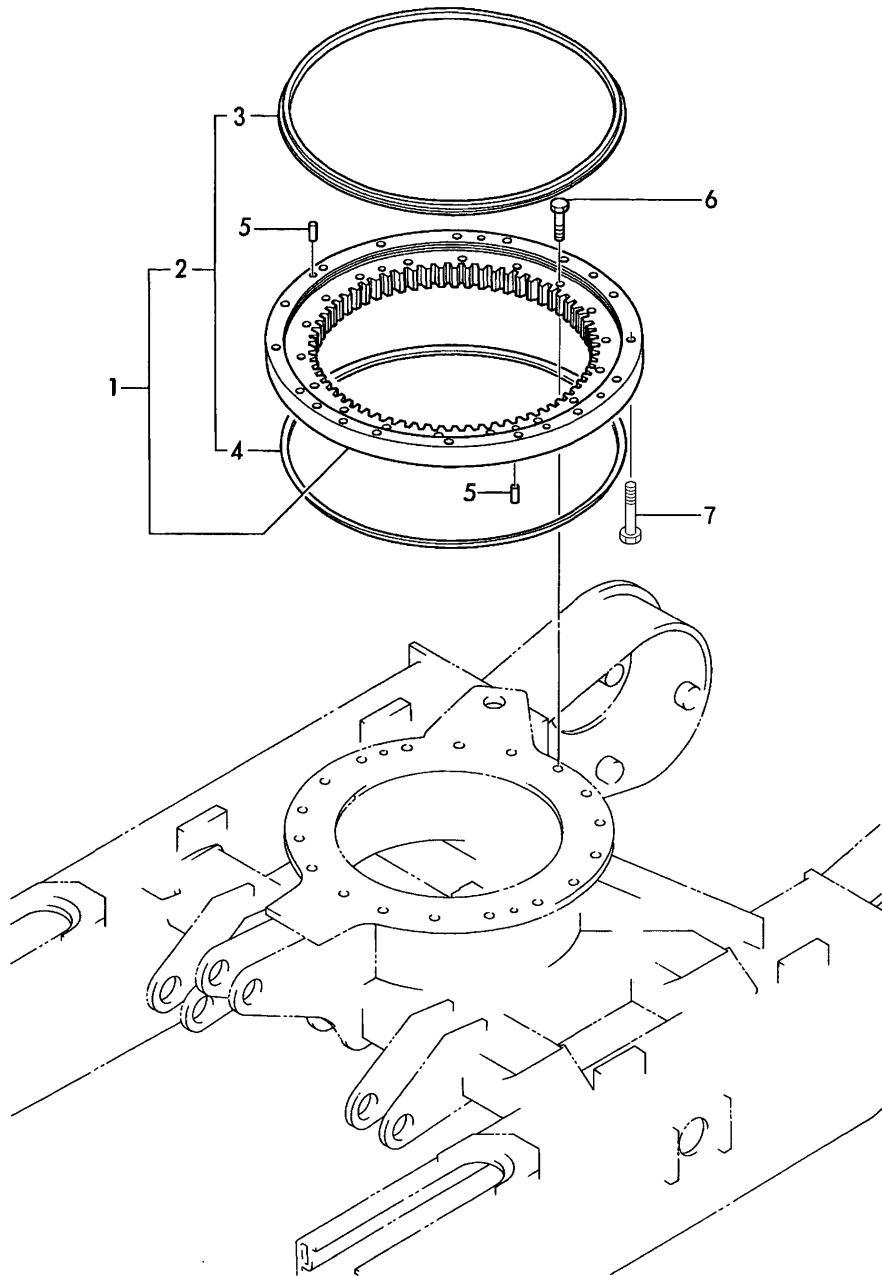
No.	Lev.	Parts No.	Description	Qty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172149-53100-1	PROTECTOR(L)	1							1	
1A	1	172437-03330	LABEL, PROTECTOR	1								4
2	1	172149-53190-1	PROTECTOR(R)	1								2
2A	1	172437-03330	LABEL, PROTECTOR	1								4
3	1	26013-120302	BOLT, M12X 30	8								
4	1	172111-16890	GROMMET, 9	1								
5	1	172150-53350-1	WEIGHT, COUNTER	1								
6	1	22137-120000	WASHER, 12	2								
7	1	22217-120000	WASHER, SPRING 12	2								
8	1	26116-120352	BOLT, M12X 35 PLATED	2								
9	1	172433-54100	FRAME,TURNING	1								3
10	2	172149-54050	BUSH	2								
10A	1	172150-03120	LABEL	1								4
10C	1	172437-03351	LABEL,GREASE CYL.	2								4
10D	1	172122-03740	LABEL, GREASE	1								4
10E	1	22857-300050	SCREW, 3X 5	4								4
11	1	24761-040000	NIPPLE, GREASE B	1								
12	1	172730-05250	WASHER 12	8								

Remarks

- (1)PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME. REF. NO. 1A.
- (2)PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME. REF. NO. 2A.
- (3)PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME. REF. NO. 10A-10E.
- (4)LABELS ARE NOT ILLUSTRATED.

Fig.20. TURNING BEARING

Fig. **20** TURNING BEARING



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

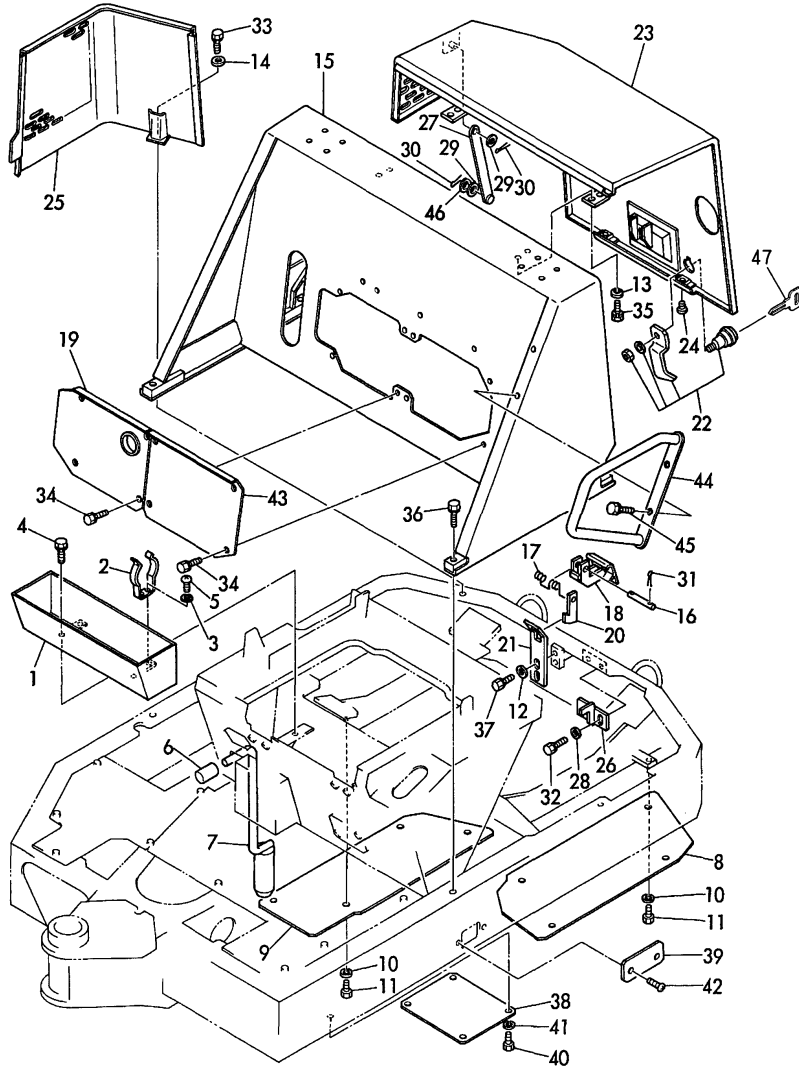
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-57601	BEARING, TURNING	1							
2	2	172149-57610	SEAL SET	1							
3	3	172149-57620	SEAL	1							
4	3	172149-57630	SEAL	1							
5	1	194940-24350	PIN, 10X28	4							
6	1	26116-120302	BOLT, M12X 30 PLATED	18							
7	1	26116-120452	BOLT, M12X 45 PLATED	18							

Fig.21. BONNET

Fig. **21** BONNET



Remarks

- (1)PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME.
REF. NO. 15A.
- (2)PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME.
REF. NO. 23A-23G.
- (3)LABELS ARE NOT ILLUSTRATED.

(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-05300	BOX ASSY, TOOL	1							
2	1	172122-55061	BRACKET, PUMP	2							
3	1	22217-060000	WASHER, SPRING 6	2							
4	1	26013-100202	BOLT, M10X 20	2							
5	1	26557-060102	SCREW, M6X10	2							
6	1	172116-46630	KNOB, LEVER	1							
7	1	172149-58800	PIN, LOCK	1							
8	1	172149-61100	COVER	1							
9	1	172149-61110	COVER	1							
10	1	22217-100000	WASHER, SPRING 10	8							
11	1	26116-100162	BOLT, M10X 16 PLATED	8							
12	1	194145-04810	WASHER 10	2							
13	1	194145-04810	WASHER 10	4							
14	1	194145-04810	WASHER 10	3							
15	1	172433-65100	COVER	1							1
15A	1	172155-03790	LABEL,RE-FUELING	1							3
16	1	172734-65260	PIN, BONNET LEVER	1							
17	1	172734-65270	SPRING, CATCH	1							
18	1	172124-65450	LEVER, LOCK	1							
19	1	172149-65450	PLATE(R)	1							
20	1	172124-65480	CATCHER	1							
21	1	172124-65490	PLATE,CATCH	1							
22	1	172126-65500	KEY ASSY, CYLINDER	1							
23	1	172149-65500-2	COVER ASSY	1							2
23A	1	172431-03140	LABEL	1							3
23B	1	172431-03150	LABEL	1							3
23C	1	172437-03380	LABEL,SWING AREA	1							3
23D	1	172437-03390	LABEL,RADIATOR	1							3
23E	1	172437-03400	LABEL,ENG.HOOD	1							3
23F	1	172437-03410	LABEL,ENG.ROOM	1							3
23G	1	172437-03421	LABEL,MUFFLER	1							3
24	1	172137-65700	CUSHION, RUBBER	2							
25	1	172149-65740-2	COVER ASSY	1							
26	1	172149-65840	HOOK	1							
27	1	172149-65850	PLATE, ROD	1							
28	1	22137-080000	WASHER, 8	2							
29	1	22157-080000	WASHER, 8	2							
30	1	22417-200100	COTTER PIN 2.0X10	2							
31	1	22417-200200	PIN, COTTER 2.0X20	2							
32	1	26013-080162	BOLT, M8X 16	2							
33	1	26013-100162	BOLT, M10X 16	3							
34	1	26013-100162	BOLT, M10X 16	8							
35	1	26013-100252	BOLT, M10X 25	4							
36	1	26013-120452	BOLT, M12X 45	4							
37	1	26013-100202	BOLT, M10X 20	2							
38	1	172149-64370	PLATE, UNDER	1							
39	1	172149-64360	PLATE, FRAME(L)	1							
40	1	26116-100162	BOLT, M10X 16 PLATED	4							
41	1	22217-100000	WASHER, SPRING 10	4							
42	1	172137-69850	SCREW	2							
43	1	172149-65430	PLATE(L)	1							

Fig.21. BONNET

(A)=B17-2BPR(US)

(B)=

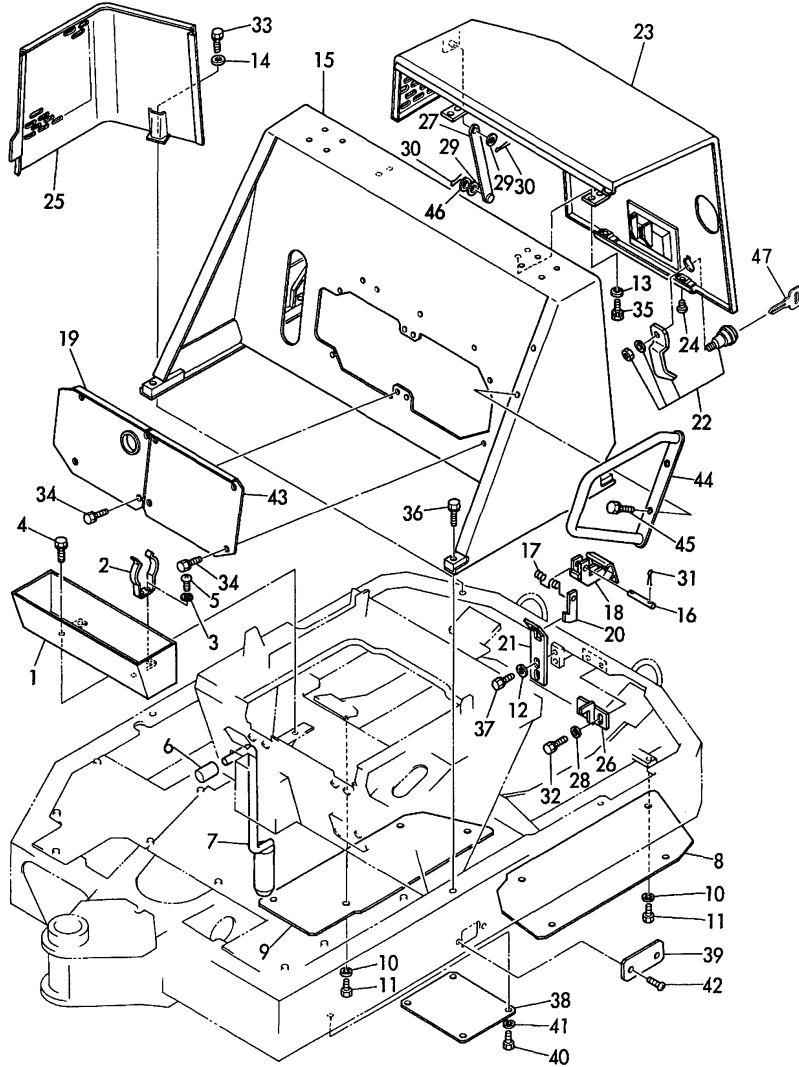
(C)=

(D)=

(E)=

(F)=

Fig. 21 BONNET



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
44	1	172141-68200-3	GRIP ASSY	1							
45	1	26013-100252	BOLT, M10X 25	2							
46	1	22190-080000	WASHER, SEAL 8	1							
47	1	933110-00301	KEY ASSY	1							

Remarks

(1) PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME.

REF. NO. 15A.

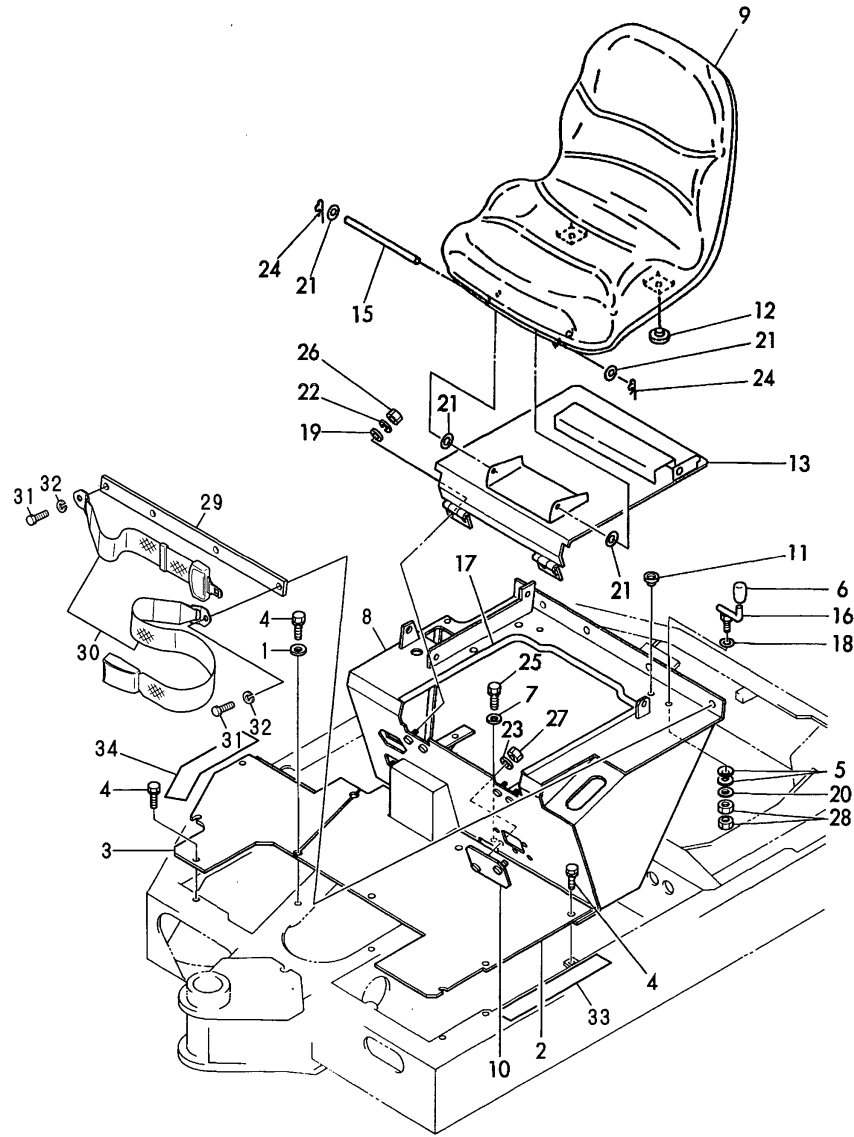
(2) PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME.

REF. NO. 23A-23G.

(3) LABELS ARE NOT ILLUSTRATED.

Fig.22. SEAT & STEP

Fig. **22** SEAT & STEP



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194145-04810	WASHER 10	4							
2	1	172433-62100	STEP	1							
3	1	172433-62150	STEP	1							
4	1	26013-100202	BOLT, M10X 20	10							
5	1	194740-00160	SPRING, 10	2							
6	1	172116-46630	KNOB, LEVER	1							
7	1	22157-100000	WASHER, 10	1							
8	1	172433-64200	MOUNT CMP	1							1
8A	1	172433-03220		1							2
8B	1	172433-03261	LABEL	2							2
8C	1	172137-03301	LABEL, TURNING LOCK	1							2
8D	1	172131-03421	LABEL, 3RD VALVE	1							2
8E	1	172165-03500	LABEL, GREASE FEED	1							2
8F	1	172137-03780	LABEL, THROTTLE	1							2
8G	1	172433-03241	LABEL	1							2
9	1	172156-64201	SEAT ASSY, OPERATOR	1							
10	1	172149-64340	COVER, PEDAL	1							
11	1	172141-64370	CUSHION, SEAT	2							
12	1	172141-64370	CUSHION, SEAT	2							
13	1	172149-64401	PLATE CMP ,SEAT	1							
15	1	172156-64420	PIN	1							
16	1	172149-64450	LEVER, SEAT LOCK	1							
17	1	172149-64470	SEAL, MOUNT	1							
18	1	172149-64480	COLLAR, 11X21	1							
19	1	22137-080000	WASHER, 8	4							
20	1	22137-100000	WASHER, 10	1							
21	1	22190-080003	WASHER, SEAL 8	4							
22	1	22217-080000	WASHER, SPRING 8	4							
23	1	22217-100000	WASHER, SPRING 10	2							
24	1	22372-080000	PIN, SNAP 8	2							
25	1	26013-100202	BOLT, M10X 20	1							
26	1	26716-080002	NUT, M8	4							
27	1	26716-100002	NUT, M10	2							
28	1	26716-100002	NUT, M10	2							
29	1	172433-64270	SPACER	1							
30	1	172433-64300	SEAT BELT	1							
31	1	172433-64510	BOLT 7/16-20-UNF	5							
32	1	22217-120000	WASHER, SPRING 12	5							
33	1	172433-62200	SEAT	1							W
		(A=M/#30543)									
34	1	172433-62210	SHEET, NON SLIP	1							W
		(A=M/#30543)									

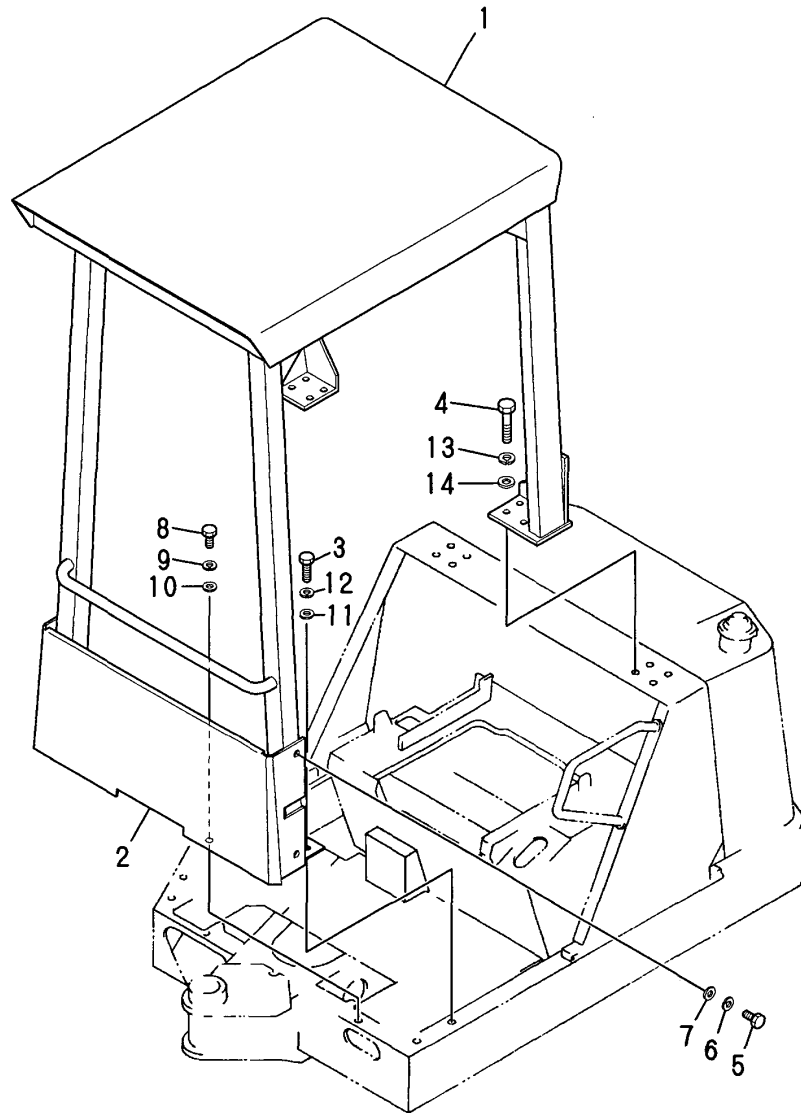
Remarks

(1)PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME.
REF. NO. 8A-8G.

(2)LABELS ARE NOT ILLUSTRATED.

Fig.23. CANOPY

Fig. 23 CANOPY



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172433-68110	CANOPY ASSY, ROPS	1							1
2	1	172433-68120	COVER	1							
3	1	172433-64520	BOLT M10X30	4							
4	1	172433-64540	BOLT M12X55	8							
5	1	26116-100162	BOLT, M10X 16 PLATED	4							
6	1	22217-100000	WASHER, SPRING 10	4							
7	1	22137-100000	WASHER, 10	4							
8	1	26116-100162	BOLT, M10X 16 PLATED	2							
9	1	22217-100000	WASHER, SPRING 10	2							
10	1	22137-100000	WASHER, 10	2							
11	1	22137-100000	WASHER, 10	4							
12	1	22217-100000	WASHER, SPRING 10	4							
13	1	22217-120000	WASHER, SPRING 12	8							
14	1	22137-120000	WASHER, 12	8							
15	1	172164-03200	LABEL, BRAND	1							2
16	1	172433-03210	LABEL	1							2
17	1	172433-03231	LABEL	1							2
18	1	172433-03250	LABEL	1							2
19	1	172433-03270	LABEL	1							2
20	1	172437-03340	LABEL, TRANSPORT	1							2
21	1	172437-03371	LABEL	1							2
22	1	172437-03431	LABEL, STEERING	1							2
23	1	172437-03440	LABEL, ROPS	1							2
24	1	172437-03450	LABEL, SEAT BELT	1							2
25	1	933112-21400	LABEL(A2), OPERATION	1							2
26	1	172183-03280	LABEL, LOCK	1							2

Remarks

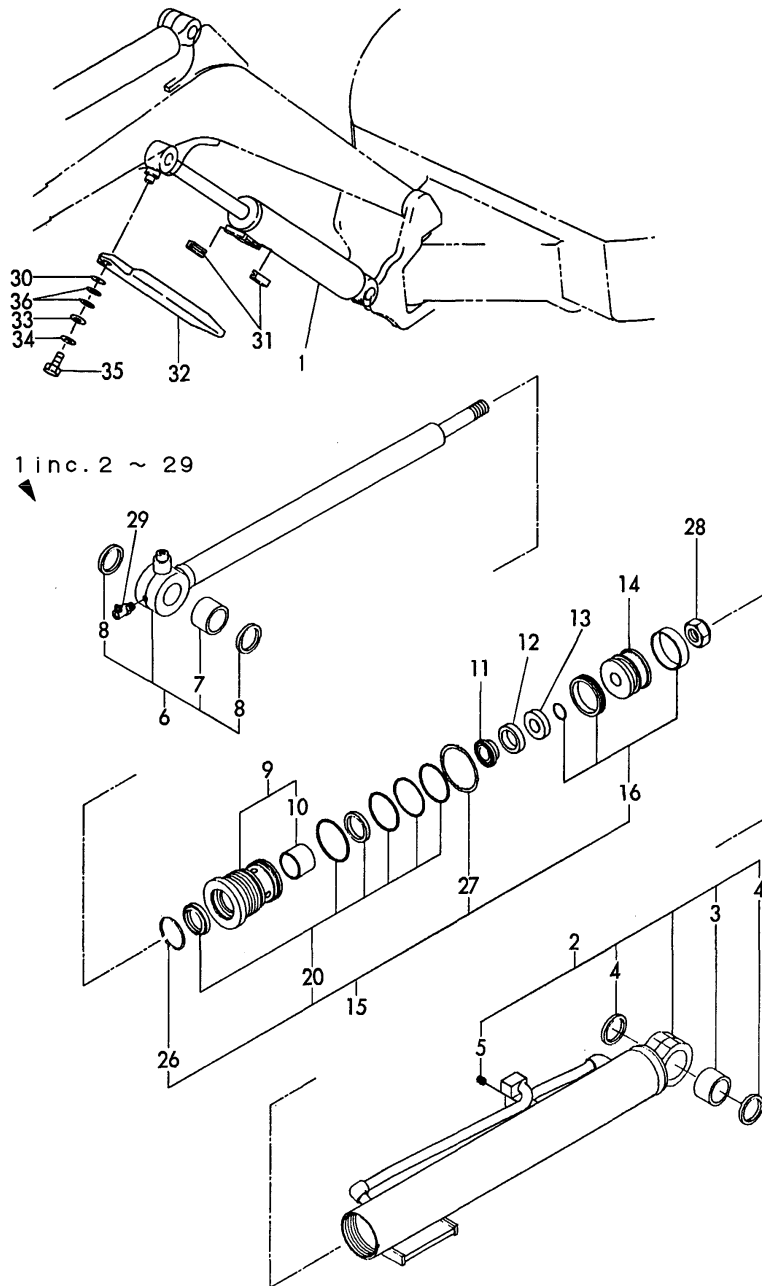
(1) PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME.

REF. NO. 15-26.

(2) LABELS ARE NOT ILLUSTRATED.

Fig.24. BOOM CYLINDER

Fig. **24** BOOM CYLINDER



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-72102-1	CYLINDER ASSY, BOOM	1							
2	2	172149-72112-1	TUBE ASSY, BOOM	1							
3	3	172141-72561	BUSH (35-45-30)	1							
4	3	172171-81280	SEAL, DUST 35X45X4	2							
5	3	23871-010000	PLUG, R01	1							
6	2	172149-72202	ROD COMP.,BOOM	1							
7	3	172141-72561	BUSH (35-45-30)	1							
8	3	172171-81280	SEAL, DUST 35X45X4	2							
9	2	172149-72241	HEAD 6035 COMPL.	1							
10	3	933111-01600	BUSH 35 30, ROD	1							
11	2	172137-72251	COLLAR, 41A	1							
12	2	172137-72261	RING 41, CUSHION	1							
13	2	172137-72272	COLLAR, 41B	1							
14	2	172171-72120	PISTON	1							
15	2	172149-99341	CYLINDER KIT, BOOM	1							
16	3	172137-72463	SEAL SET, PISTON	1							
20	3	172149-72011	SEAL SET, HEAD	1							
26	3	172141-73090	RING 50, SPRING	1							
27	3	933125-59600	WASHER 60 B, LOCK	1							
28	2	172171-72130	NUT, M24	1							
29	2	24761-040000	NIPPLE, GREASE B	1							
30	1	172149-72750	SPACER, 17X35X1	1							
31	1	172162-61770	GUIDE, SLIDE	2							
32	1	172149-72650-1	COVER, SLIDE	1							
33	1	22157-100000	WASHER, 10	1							
34	1	22217-100000	WASHER, SPRING 10	1							
35	1	26116-100162	BOLT, M10X 16 PLATED	1							
36	1	933168-14170	SPRING	2							

Fig.25. ARM CYLINDER

(A)=B17-2BPR(US)

(B)=

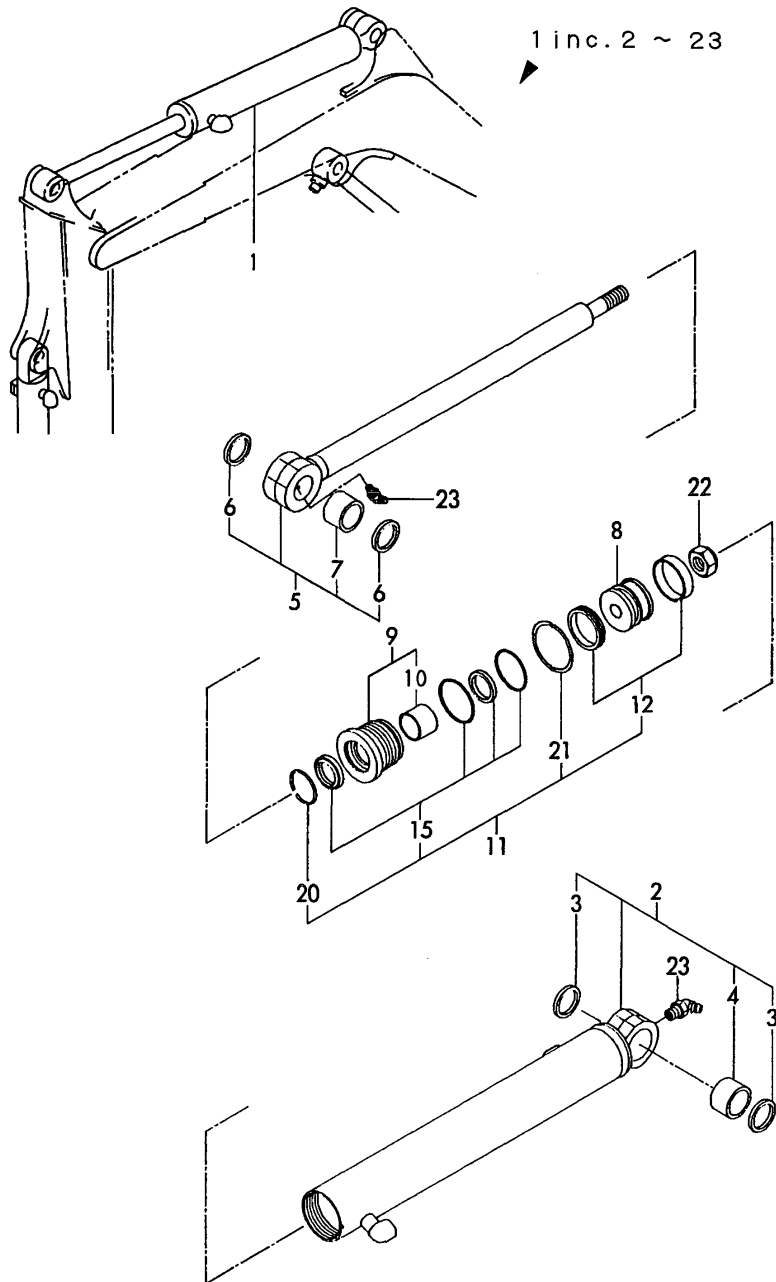
(C)=

(D)=

(E)=

(F)=

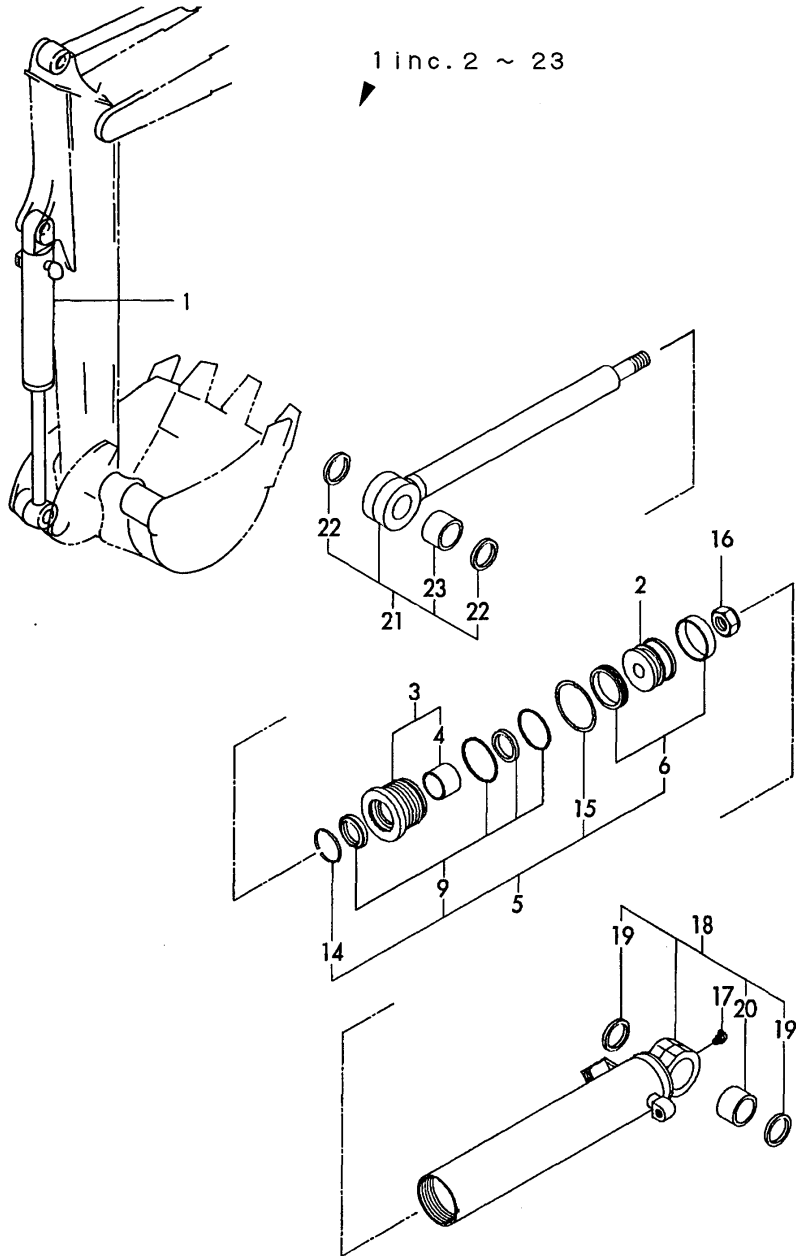
Fig. **25** ARM CYLINDER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-72352-1	CYLINDER ASSY, ARM	1							
2	2	172149-72361-1	TUBE ASSY, ARM	1							
3	3	172183-72290	SEAL, DUST 30X40X4.2	2							
4	3	172149-72440	BUSH A 30X30,PIN	1							
5	2	172149-72382	ROD COMP.,ARM	1							
6	3	172183-72290	SEAL, DUST 30X40X4.2	2							
7	3	172149-72440	BUSH A 30X30,PIN	1							
8	2	172171-72120	PISTON	1							
9	2	172141-72540	HEAD 6035, CYLINDER	1							
10	3	933111-01600	BUSH 35 30, ROD	1							
11	2	172149-99380	CYLINDER KIT	1							
12	3	172137-72452	SEAL SET, PISTON 60A	1							
15	3	172141-71900	SEAL SET, HEAD	1							
20	3	172141-73090	RING, SPRING	1							
21	3	933125-59600	WASHER 60 B, LOCK	1							
22	2	172171-72130	NUT, M24	1							
23	2	24761-040000	NIPPLE, GREASE B	2							

Fig.26. BUCKET CYLINDER

Fig. **26** BUCKET CYLINDER



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

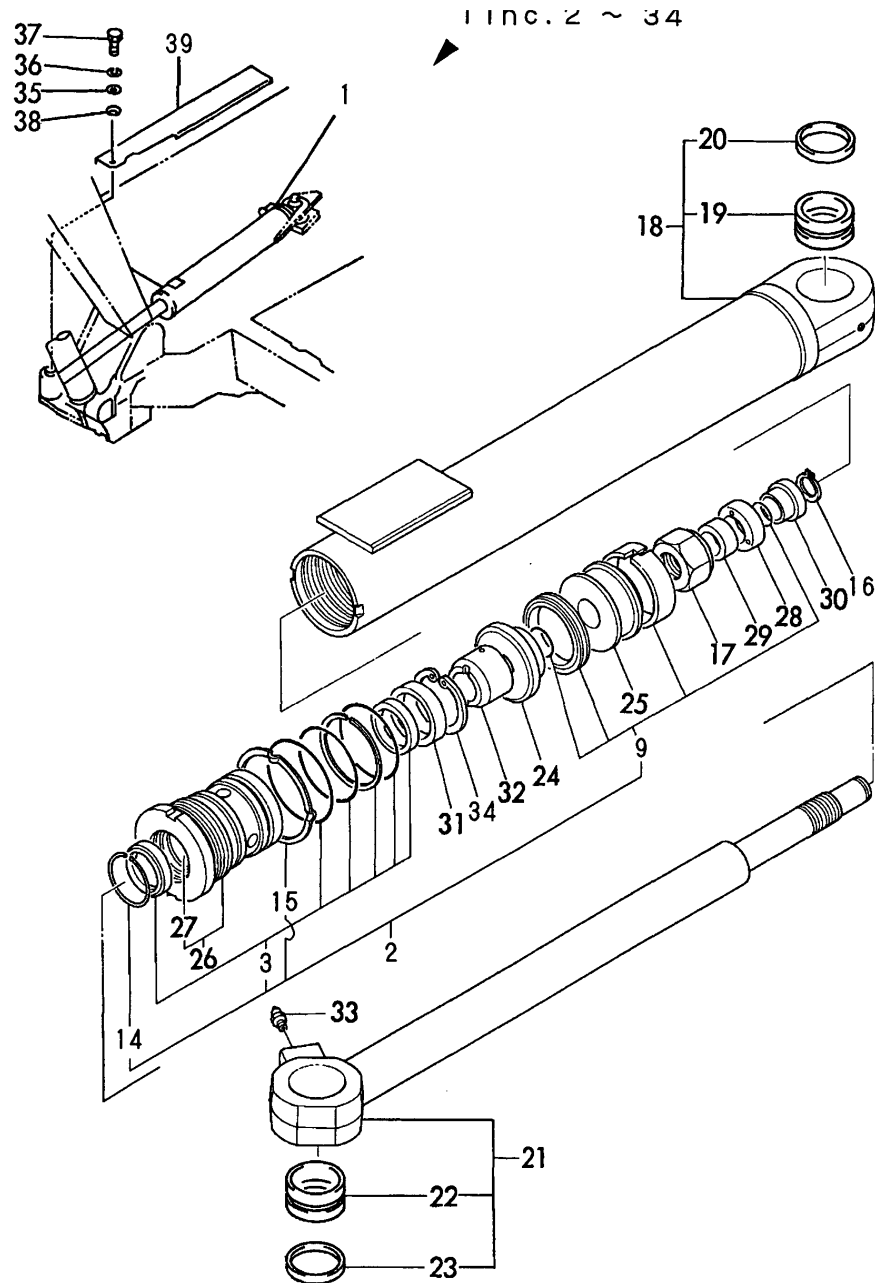
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	933120-28403-1	CYLINDER ASSY	1							
2	2	172171-72120	PISTON	1							
3	2	172141-72540	HEAD 6035, CYLINDER	1							
4	3	933111-01600	BUSH 35 30, ROD	1							
5	2	172149-99380	CYLINDER KIT	1							
6	3	172137-72452	SEAL SET, PISTON 60A	1							
9	3	172141-71900	SEAL SET, HEAD	1							
14	3	172141-73090	RING, SPRING	1							
15	3	933125-59600	WASHER 60 B, LOCK	1							
16	2	172171-72130	NUT, M24	1							
17	2	24761-040000	NIPPLE, GREASE B	1							
18	2	933121-28402-4	TUBE ASSY, BUCKET	1							
19	3	172183-72290	SEAL, DUST 30X40X4.2	2							
20	3	172149-72440	BUSH A 30X30,PIN	1							
21	2	933122-28302	ROD COMP,BUCKET	1							
22	3	172183-72290	SEAL, DUST 30X40X4.2	2							
23	3	172149-72680	BUSH B 30X30,PIN	1							

Fig.27. SWING CYLINDER

Fig. 27 SWING CYLINDER



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172433-72450	CYLINDER ASSY, SWING	1							
2	2	172149-72900	SEAL SET, CYLINDER	1							
3	3	172149-72021	SEAL SET, HEAD	1							
9	3	172149-72000	SEAL SET, PISTON	1							
14	3	172141-72420	WASHER 70, LOCK	1							
15	3	933111-26600	RING 55, SPRING	1							
16	2	172142-72810	CIRCLIP	1							
17	2	172141-72250	NUT	1							
18	2	172433-72460	TUBE ASSY, SWING	1							
19	3	172168-72240	BUSH 38X50X40	1							
20	3	172168-81270	SEAL, DUST	2							
21	2	172433-72510	ROD ASSY, SWING	1							
22	3	172168-72240	BUSH 38X50X40	1							
23	3	172168-81270	SEAL, DUST	2							
24	2	172183-72660	PISTON B 70X27	1							
25	2	172141-73021	PISTON 70 27 A	1							
26	2	172149-72540	HEAD 7040	1							
27	3	933135-14600	BUSH 40 30, ROD	1							
28	2	172137-72700	RING 40A, CUSHION	1							
29	2	172137-72710	COLLAR, 40B	1							
30	2	172137-72720	COLLAR, 40A	1							
31	2	172137-72730	RING 44B, CUSHION	1							
32	2	172137-72740	CUSHION PLUNGER 44 A	1							
33	2	24761-020000	NIPPLE, GREASE PT1/8	1							
34	2	22252-000561	RING, 56	1							
35	1	22157-100000	WASHER, 10	1							
36	1	22217-100000	WASHER, SPRING 10	1							
37	1	26116-100162	BOLT, M10X 16 PLATED	1							
38	1	933168-14170	SPRING	1							
39	1	172149-72570-3	COVER, SWING	1							

Fig.28. BLADE CYLINDER

(A)=B17-2BPR(US)

(B)=

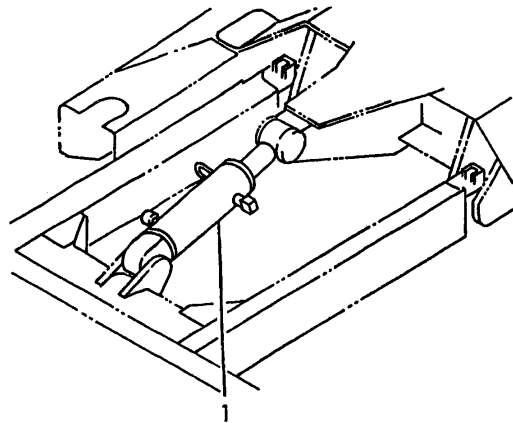
(C)=

(D)=

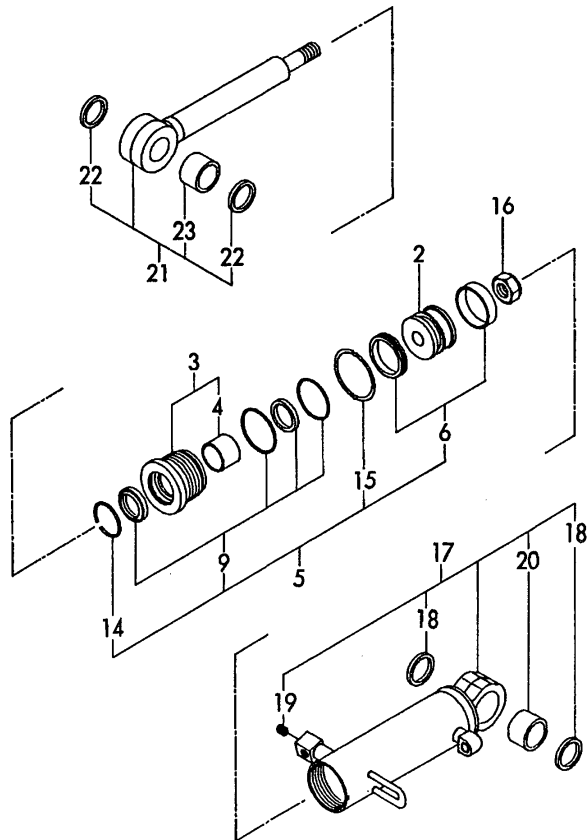
(E)=

(F)=

Fig. **28** BLADE CYLINDER



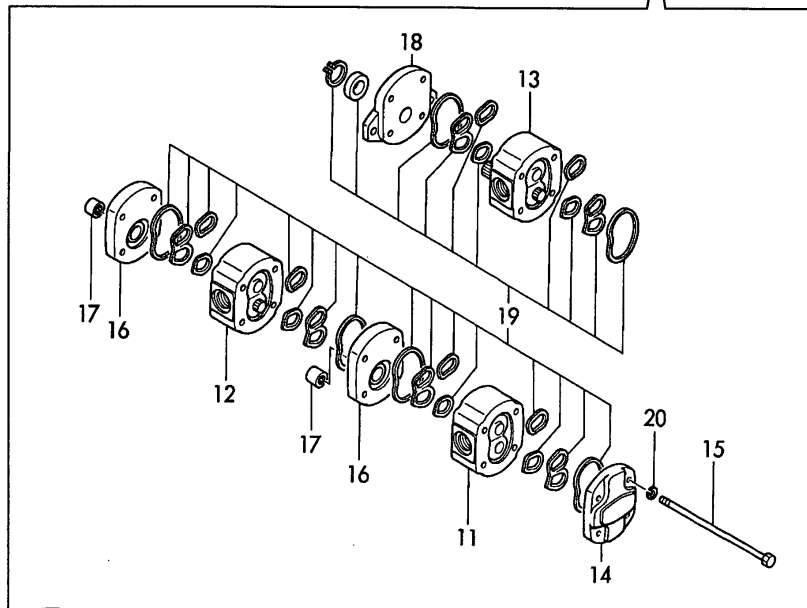
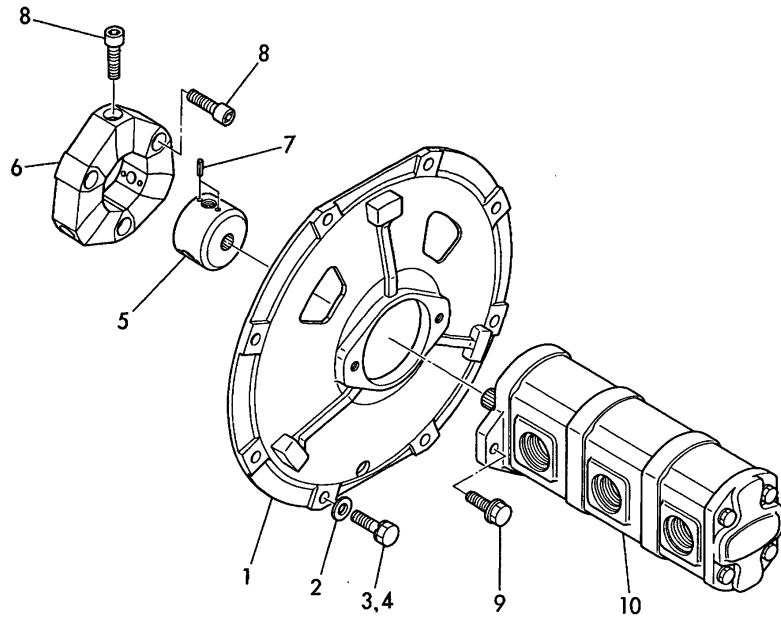
1 inc. 2 ~ 2



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	933120-28504-2	CYLINDER ASSY, BLADE	1							
2	2	172171-72120	PISTON	1							
3	2	172141-72540	HEAD 6035, CYLINDER	1							
4	3	933111-01600	BUSH 35 30, ROD	1							
5	2	172149-99380	CYLINDER KIT	1							
6	3	172137-72452	SEAL SET, PISTON 60A	1							
9	3	172141-71900	SEAL SET, HEAD	1							
14	3	172141-73090	RING, SPRING	1							
15	3	933125-59600	WASHER 60 B, LOCK	1							
16	2	172171-72130	NUT, M24	1							
17	2	933121-28502-2	TUBE ASSY, BLADE	1							
18	3	172183-72290	SEAL, DUST 30X40X4.2	2							
19	3	23871-010000	PLUG, R01	1							
20	3	172149-72680	BUSH B 30X30,PIN	1							
21	2	933122-28403	ROD COMP, BLADE	1							
22	3	172183-72290	SEAL, DUST 30X40X4.2	2							
23	3	172149-72680	BUSH B 30X30,PIN	1							

Fig.29. HYD. OIL PUMP & JOINT

Fig. **29** HYD. OIL PUMP & JOINT



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

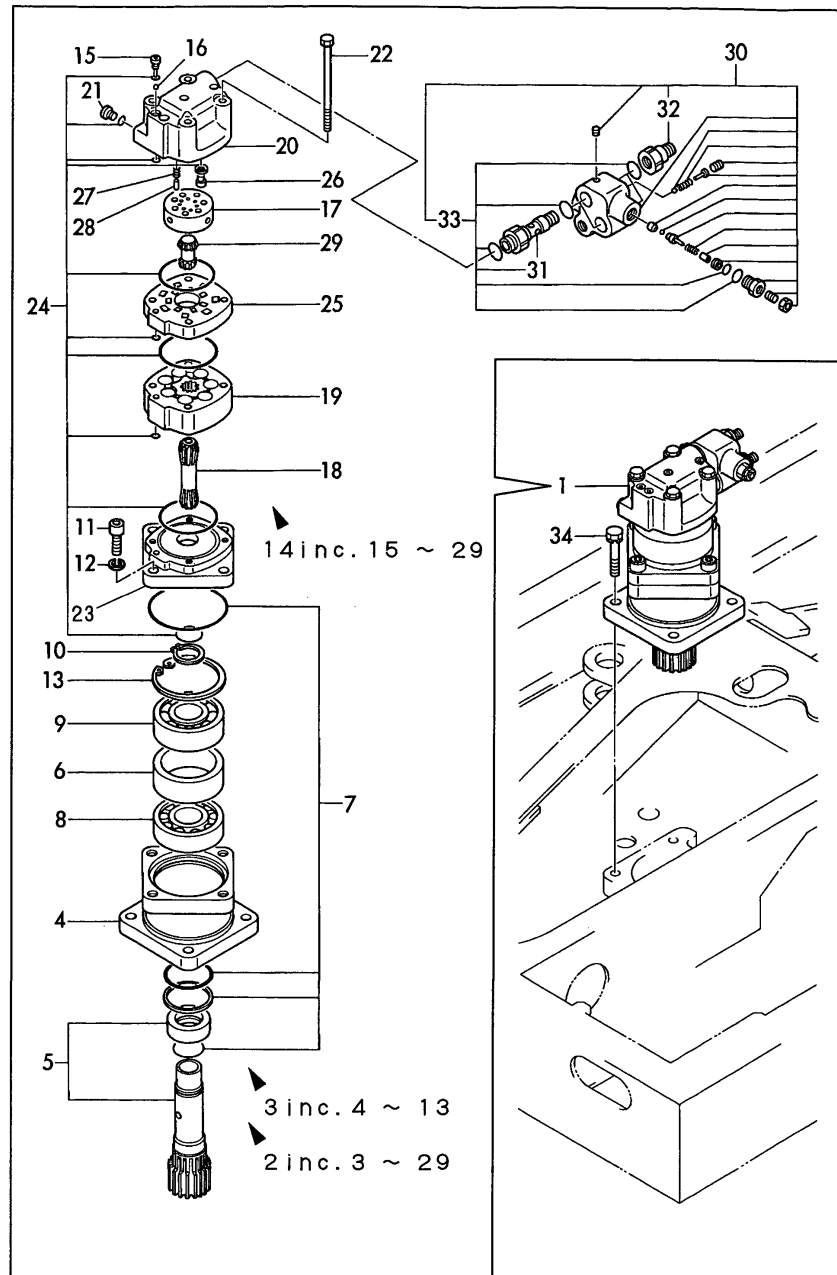
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-71110	MOUNT, PUMP	1							
2	1	22137-100000	WASHER, 10	2							
3	1	26013-100302	BOLT, M10X 30	4							
4	1	26013-100352	BOLT, M10X 35	2							
5	1	172137-71210	JOINT, PUMP SHAFT	1							
6	1	172137-71220	COUPLING, CF-8	1							
7	1	22351-040008	PIN, SPRING 4.0X 8	6							
8	1	26450-100352	BOLT, M10X 35	6							
9	1	172122-71130	BOLT, M10X30	2							
10	1	172149-73110	PUMP ASSY, HYD. OIL	1							
11	2	172149-73120	HYDRAULIC PUMP,REAR	1							
12	2	172137-73130	PUMP ASSY, CENTER	1							
13	2	172149-73130	HYDRAULIC PUMP,FRONT	1							
14	2	172122-73140	COVER	1							
15	2	172149-73140	BOLT	4							
16	2	172122-73150	PLATE, CENTER	2							
17	2	172122-73170	COUPLING, SPLINE	2							
18	2	172137-73170	MOUNTING FLANGE	1							
19	2	172122-73200	SEAL SET	1							
20	2	22217-100000	WASHER, SPRING 10	4							

Fig.30. TURNING MOTOR

Fig. **30** TURNING MOTOR



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

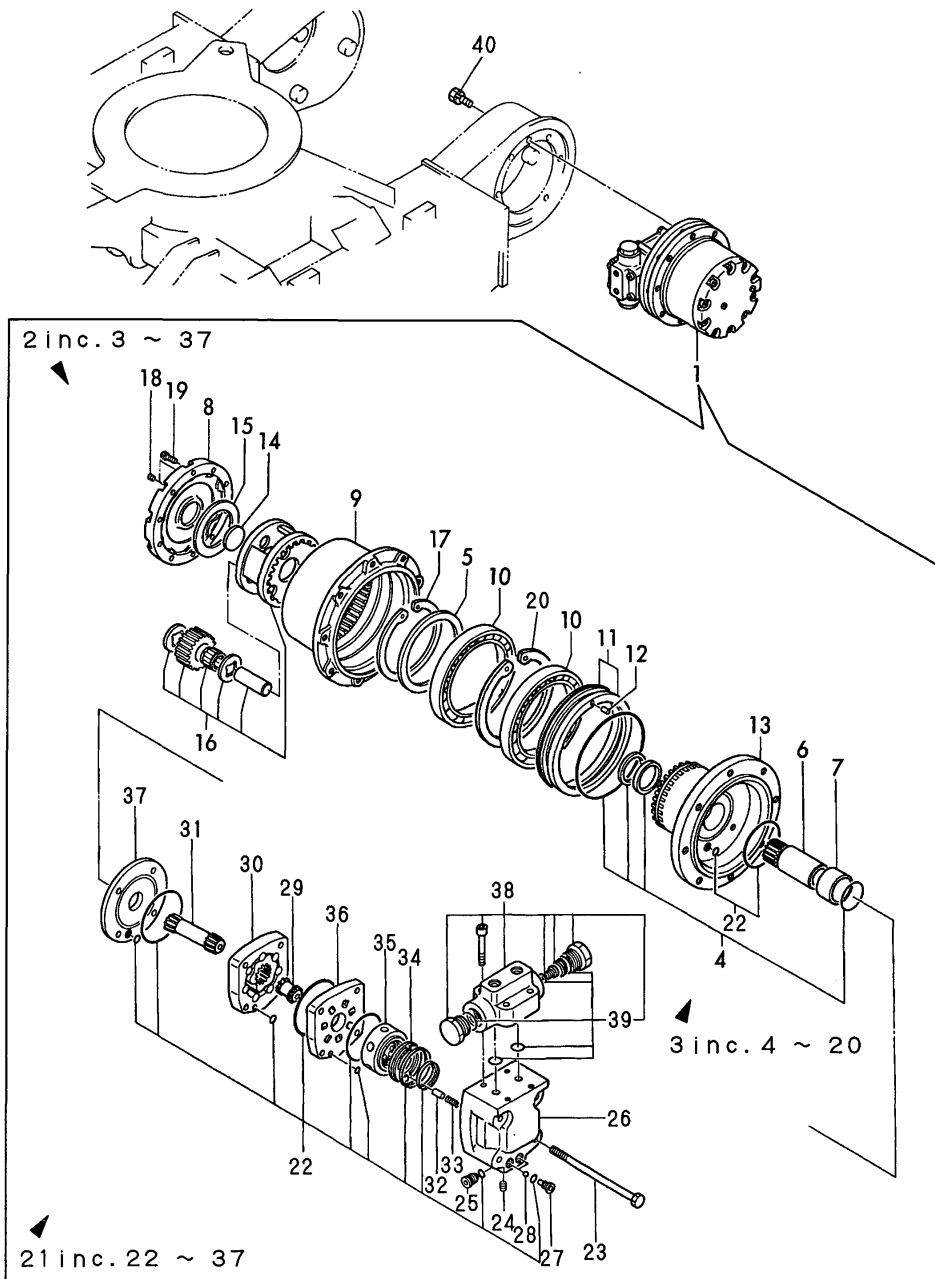
(E)=

(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-73310	MOTOR ASSY, TURNING	1							
2	2	172149-73320	MOTOR ASSY, TURNING	1							
3	3	172149-73440	GEAR ASSY, PINION	1							
4	4	172149-73330	HOUSING, BEARING	1							
5	4	172149-73340	GEAR ASSY, PINION	1							
6	4	172149-73350	SPACER, BEARING	1							
7	4	172149-73460	SEAL SET, PISTON	1							
8	4	172141-77030	BEARING, ROLLER	1							
9	4	172141-77040	BEARING	1							
10	4	172141-77050	RING, RETAINING	1							
11	4	172141-77110	BOLT	4							
12	4	22217-120000	WASHER, SPRING 12	4							
13	4	22252-000900	RING, 90	1							
14	3	172149-73450	MOTOR(SUB) ASSY	1							
15	4	172137-70520	PLUG	2							
16	4	172137-70530	BALL	2							
17	4	172137-70600	VALVE	1							
18	4	172148-73360	DRIVE	1							
19	4	172149-73360	GEROLLER	1							
20	4	172149-73380	HOUSING, VALVE	1							
21	4	172149-73390	PLUG	1							
22	4	172149-73400	BOLT	4							
23	4	172149-73410	FLANGEMOUTING	1							
24	4	172149-73470	SEAL SET, MOTOR	1							
25	4	172141-77160	PLATE, VALVE	1							
26	4	172137-77190	PLATE	1							
27	4	172137-77200	SPRING	2							
28	4	172137-77220	TUBE ASSY, 3RD	1							
29	4	172148-77260	DRIVE, VALVE	1							
30	2	172149-73500	VALVE, BRAKE	1							
31	3	172149-73620	CONNECTOR	2							
32	3	172149-73630	BUSHING	2							
33	3	172149-73650	SEAL SET, BRAKE	1							
34	1	26013-120402	BOLT, M12X 40	4							

Fig.31. TRAVEL MOTOR

Fig.31 TRAVEL MOTOR



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

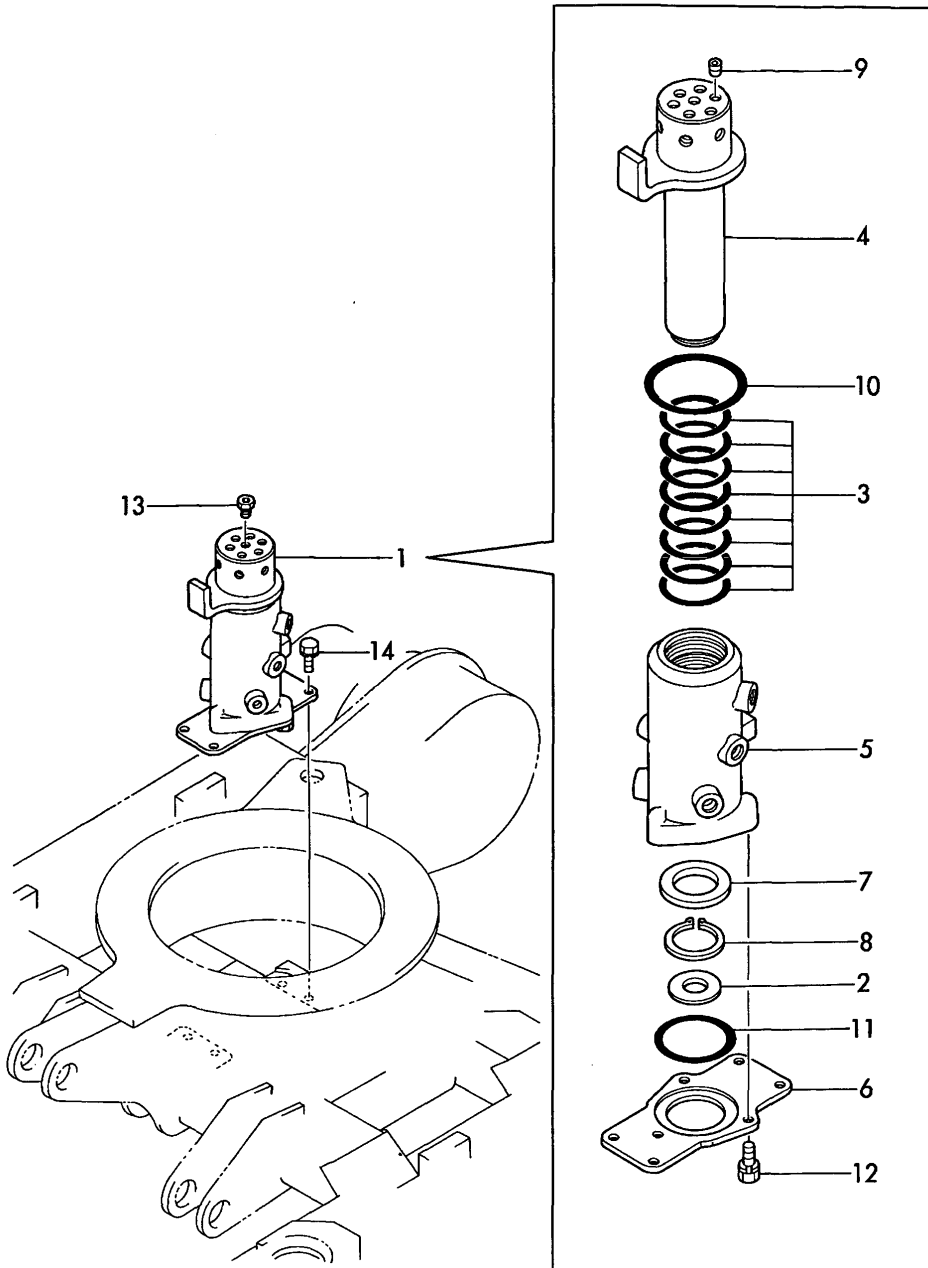
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-73351	MOTOR ASSY, DRIVE	2							
2	2	172137-73361	MOTOR ASSY	2							
3	3	172137-70631	GEAR ASSY, REDUCTION	2							
4	4	172137-70461	SEAL SET, REDUCTION	2							
5	4	172137-70471	SPACER	2							
6	4	172137-70651	GEAR, SUN	2							
7	4	172137-70661	BUSH	2							
8	4	172137-70681	COVER	2							
9	4	172137-70741	HOUSING	2							
10	4	172137-70770	BEARING, DRIVE MOTOR	4							
11	4	172137-70781	SEAL, FLOATING	2							
12	4	172137-70791	PIN	2							
13	4	172137-70811	FLANGE	2							
14	4	172137-70820	WASHER	2							
15	4	172137-70830	WASHER	2							
16	4	172137-70840	CARRIER KIT	2							
17	4	22242-001100	RING, 110	2							
18	4	23871-030000	PLUG, R03	4							
19	4	26450-060162	BOLT, M6X 16	18							
20	4	172137-70800	CIRCLIP, 140	2							
21	3	172137-70641	MOTOR SUB ASSY	2							
22	4	172137-70451	SEAL SET, MOTOR	2							
23	4	172137-70480	BOLT	8							
24	4	172137-70490	PLUG	2							
25	4	172137-70500	PLUG	2							
26	4	172137-70510	HOUSING, VALVE	2							
27	4	172137-70520	PLUG	4							
28	4	172137-70530	BALL	4							
29	4	172137-70540	DRIVE, VALVE	2							
30	4	172137-70551	GEROLLER	2							
31	4	172137-70561	DRIVE	2							
32	4	172137-70570	PIN	4							
33	4	172137-70580	SPRING	4							
34	4	172137-70590	PLATE	2							
35	4	172137-70600	VALVE	2							
36	4	172137-70610	PLATE, VALVE	2							
37	4	172137-70620	PLATE, SPACER	2							
38	2	172137-73370	VALVE,COUNTER BALAN.	2							
39	3	172137-70850	SEAL SET	2							
40	1	26013-100252	BOLT, M10X 25	16							

Fig.32. SWIVEL JOINT

Fig. **32** SWIVEL JOINT



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

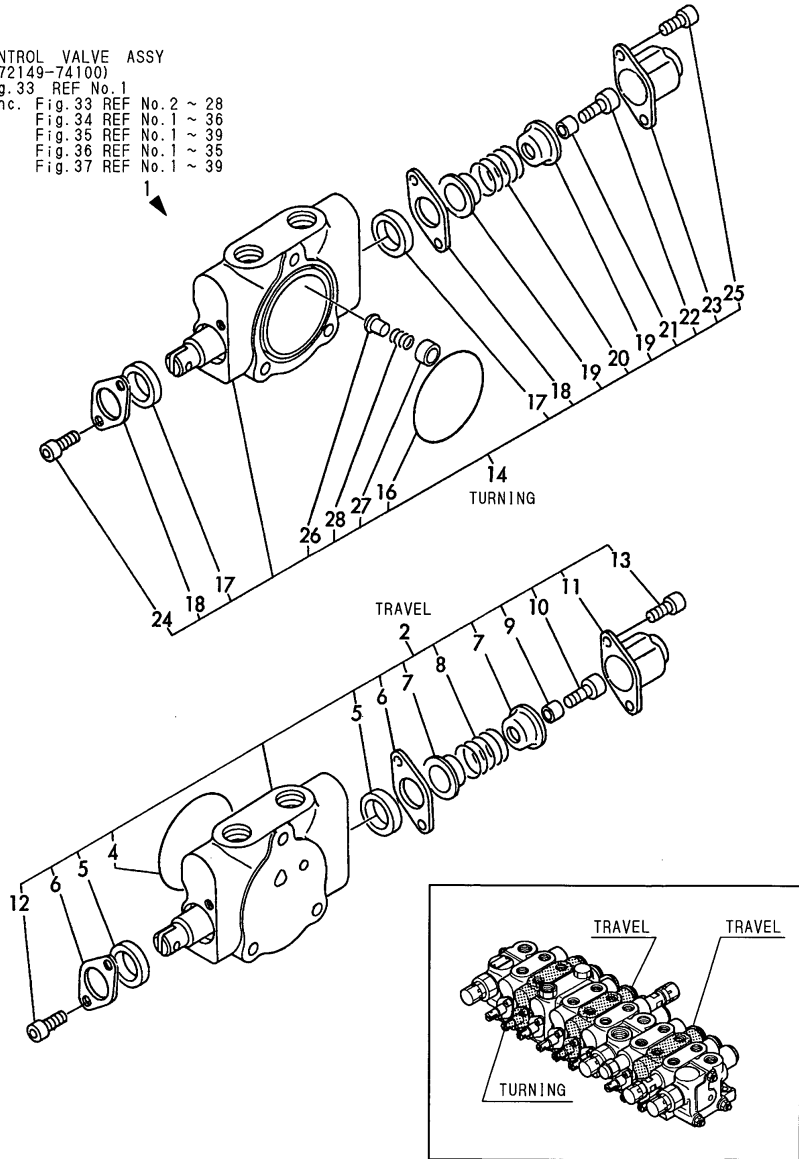
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172131-73800	JOINT ASSY, SWIVEL	1							
2	2	194630-31910	LINER 22.5X40X2	1							
3	2	172142-73800	O-RING	8							
4	2	172131-73810	SHAFT, SWIVEL	1							
5	2	172137-73810	HUB, SWIVEL JOINT	1							
6	2	172131-73830	FLANGE, SWIVEL	1							
7	2	172137-73860	SPACER, SWIVEL	1							
8	2	22242-000451	RING, 45	1							
9	2	23871-020000	PLUG, R02	6							
10	2	24311-000750	O-RING, 1AP75.0	1							
11	2	24321-000700	O-RING, 1AG70.0	1							
12	2	26013-100252	BOLT, M10X 25	3							
13	1	172137-76230	BUSING	1							
14	1	26013-100252	BOLT, M10X 25	4							

Fig.33. CONTROL VALVE(TRAVEL,TURNING)

Fig. **33** CONTROL VALVE (TRAVEL, TURNING)

CONTROL VALVE ASSY
(172149-74100)
Fig. 33 REF No. 1
inc. Fig. 33 REF No. 2 ~ 28
Fig. 34 REF No. 1 ~ 36
Fig. 35 REF No. 1 ~ 39
Fig. 36 REF No. 1 ~ 35
Fig. 37 REF No. 1 ~ 39



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

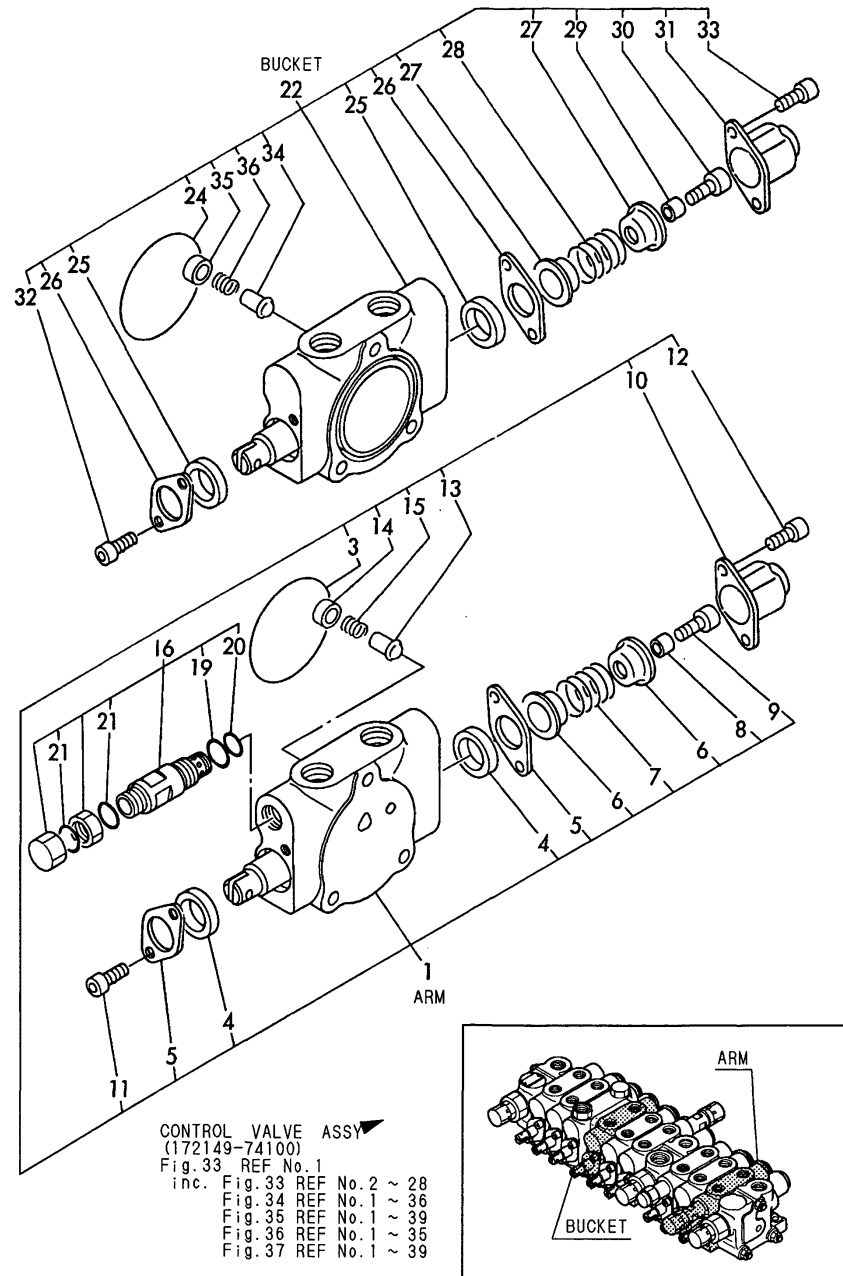
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-74100	VALVE ASSY, CONTROL	1							1
2	2	172149-74150	SECTION ASSY, TRAVEL	2							
4	3	24325-000550	O-RING, 1BG55.0	2							
5	3	172137-74440	SEAL, OIL	4							
6	3	172137-74450	PLATE, SEAL	4							
7	3	172137-74460	SEAT, SPRING	4							
8	3	172137-74420	SPRING (A), RETURN	2							
9	3	172137-74470	SPACER	2							
10	3	172137-74480	BOLT, SPOOL	2							
11	3	172137-74490	CAP	2							
12	3	172137-74500	BOLT, PLATE	4							
13	3	172137-74510	BOLT, CAP	4							
14	2	172149-74360	SECTION ASSY	1							
16	3	24325-000550	O-RING, 1BG55.0	1							
17	3	172137-74440	SEAL, OIL	2							
18	3	172137-74450	PLATE, SEAL	2							
19	3	172137-74460	SEAT, SPRING	2							
20	3	172137-74420	SPRING (A), RETURN	1							
21	3	172137-74470	SPACER	1							
22	3	172137-74480	BOLT, SPOOL	1							
23	3	172137-74490	CAP	1							
24	3	172137-74500	BOLT, PLATE	2							
25	3	172137-74510	BOLT, CAP	2							
26	3	172137-74520	VALVE, CHECK	1							
27	3	172137-74530	GUIDE, VALVE	1							
28	3	172137-74540	SPRING, VALVE	1							

Remarks

(1)CONTROL VALVE(FROM FIG.NO.33 TO FIG.NO.37)IS INCORPORATED IN THIS CONTROL VALVE ASSY(REF.NO.1)

Fig.34. CONTROL VALVE(ARM,BUCKET)

Fig. **34** CONTROL VALVE (ARM, BUCKET)



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

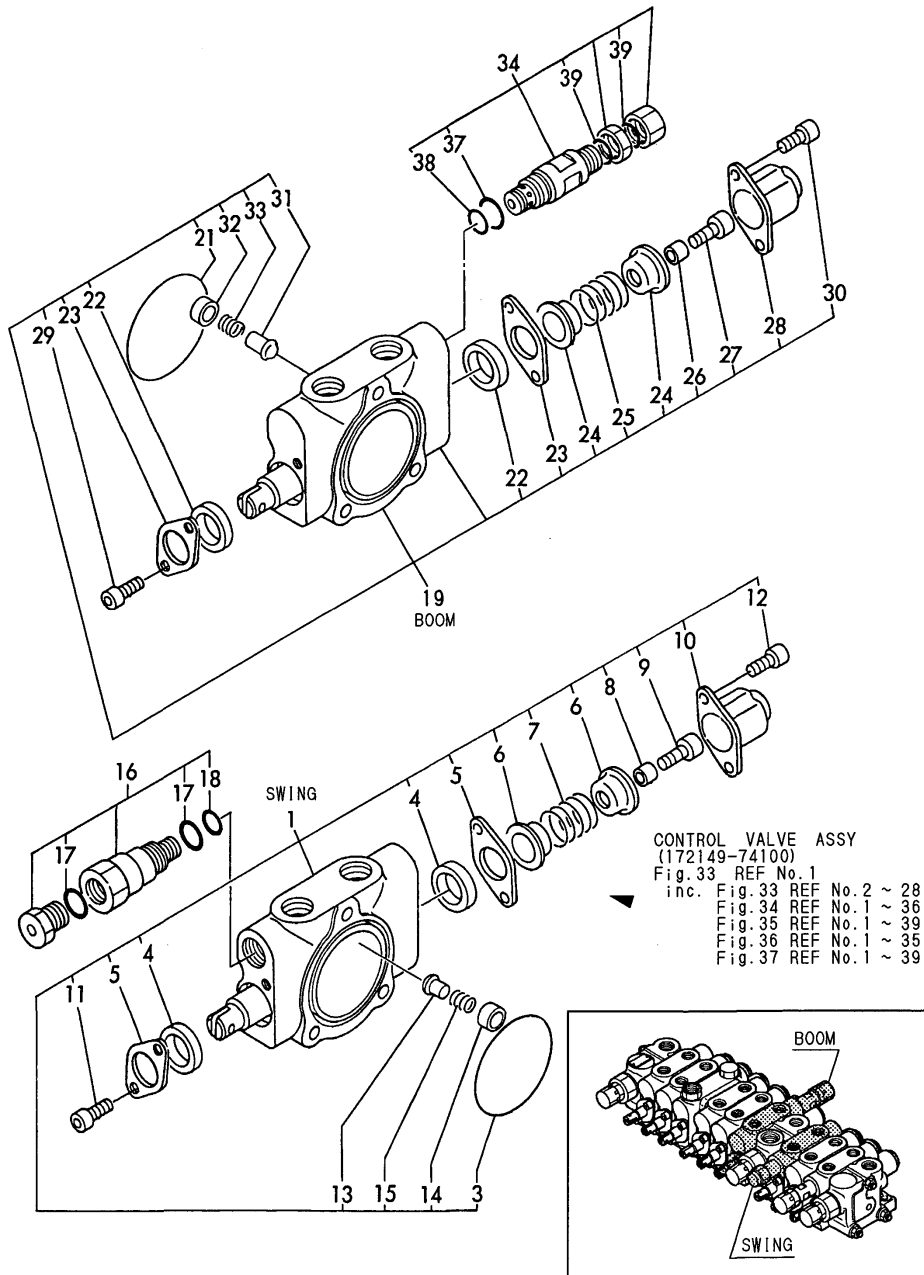
(E)=

(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172149-74130	SECTION ASSY, ARM	1							
3	3	24325-000550	O-RING, 1BG55.0	1							
4	3	172137-74440	SEAL, OIL	2							
5	3	172137-74450	PLATE, SEAL	2							
6	3	172137-74460	SEAT, SPRING	2							
7	3	172137-74420	SPRING (A), RETURN	1							
8	3	172137-74470	SPACER	1							
9	3	172137-74480	BOLT, SPOOL	1							
10	3	172137-74490	CAP	1							
11	3	172137-74500	BOLT, PLATE	2							
12	3	172137-74510	BOLT, CAP	2							
13	3	172137-74520	VALVE, CHECK	1							
14	3	172137-74530	GUIDE, VALVE	1							
15	3	172137-74540	SPRING, VALVE	1							
16	2	172137-74600	VALVE ASSY, OVER ROAD	1							
19	3	24315-000150	O-RING, 1BP15.0	1							
20	3	172137-74640	O-RING 1B S 12.5	1							
21	3	24314-000160	O-RING, 4CP16.0	2							
22	2	172149-74270	SECTION ASSY, BUCKET	1							
24	3	24325-000550	O-RING, 1BG55.0	1							
25	3	172137-74440	SEAL, OIL	2							
26	3	172137-74450	PLATE, SEAL	2							
27	3	172137-74460	SEAT, SPRING	2							
28	3	172137-74420	SPRING (A), RETURN	1							
29	3	172137-74470	SPACER	1							
30	3	172137-74480	BOLT, SPOOL	1							
31	3	172137-74490	CAP	1							
32	3	172137-74500	BOLT, PLATE	2							
33	3	172137-74510	BOLT, CAP	2							
34	3	172137-74520	VALVE, CHECK	1							
35	3	172137-74530	GUIDE, VALVE	1							
36	3	172137-74540	SPRING, VALVE	1							

Fig.35. CONTROL VALVE(SWING,BOOM)

Fig. **35** CONTROL VALVE (SWING, BOOM)



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172149-74200	SECTION ASSY, SWING	1							
3	3	24325-000550	O-RING, 1BG55.0	1							
4	3	172137-74440	SEAL, OIL	2							
5	3	172137-74450	PLATE, SEAL	2							
6	3	172137-74460	SEAT, SPRING	2							
7	3	172137-74420	SPRING (A), RETURN	1							
8	3	172137-74470	SPACER	1							
9	3	172137-74480	BOLT, SPOOL	1							
10	3	172137-74490	CAP	1							
11	3	172137-74500	BOLT, PLATE	2							
12	3	172137-74510	BOLT, CAP	2							
13	3	172137-74520	VALVE, CHECK	1							
14	3	172137-74530	GUIDE, VALVE	1							
15	3	172137-74540	SPRING, VALVE	1							
16	2	172137-74630	VALVE ASSY, SUCTION	1							
17	3	24315-000150	O-RING, 1BP15.0	2							
18	3	172137-74640	O-RING 1B S 12.5	1							
19	2	172149-74250	SECTION ASSY, BOOM	1							
21	3	24325-000550	O-RING, 1BG55.0	1							
22	3	172137-74440	SEAL, OIL	2							
23	3	172137-74450	PLATE, SEAL	2							
24	3	172137-74460	SEAT, SPRING	2							
25	3	172137-74420	SPRING (A), RETURN	1							
26	3	172137-74470	SPACER	1							
27	3	172137-74480	BOLT, SPOOL	1							
28	3	172137-74490	CAP	1							
29	3	172137-74500	BOLT, PLATE	2							
30	3	172137-74510	BOLT, CAP	2							
31	3	172137-74520	VALVE, CHECK	1							
32	3	172137-74530	GUIDE, VALVE	1							
33	3	172137-74540	SPRING, VALVE	1							
34	2	172137-74600	VALVE ASSY, OVER ROAD	1							
37	3	24315-000150	O-RING, 1BP15.0	1							
38	3	172137-74640	O-RING 1B S 12.5	1							
39	3	24314-000160	O-RING, 4CP16.0	2							

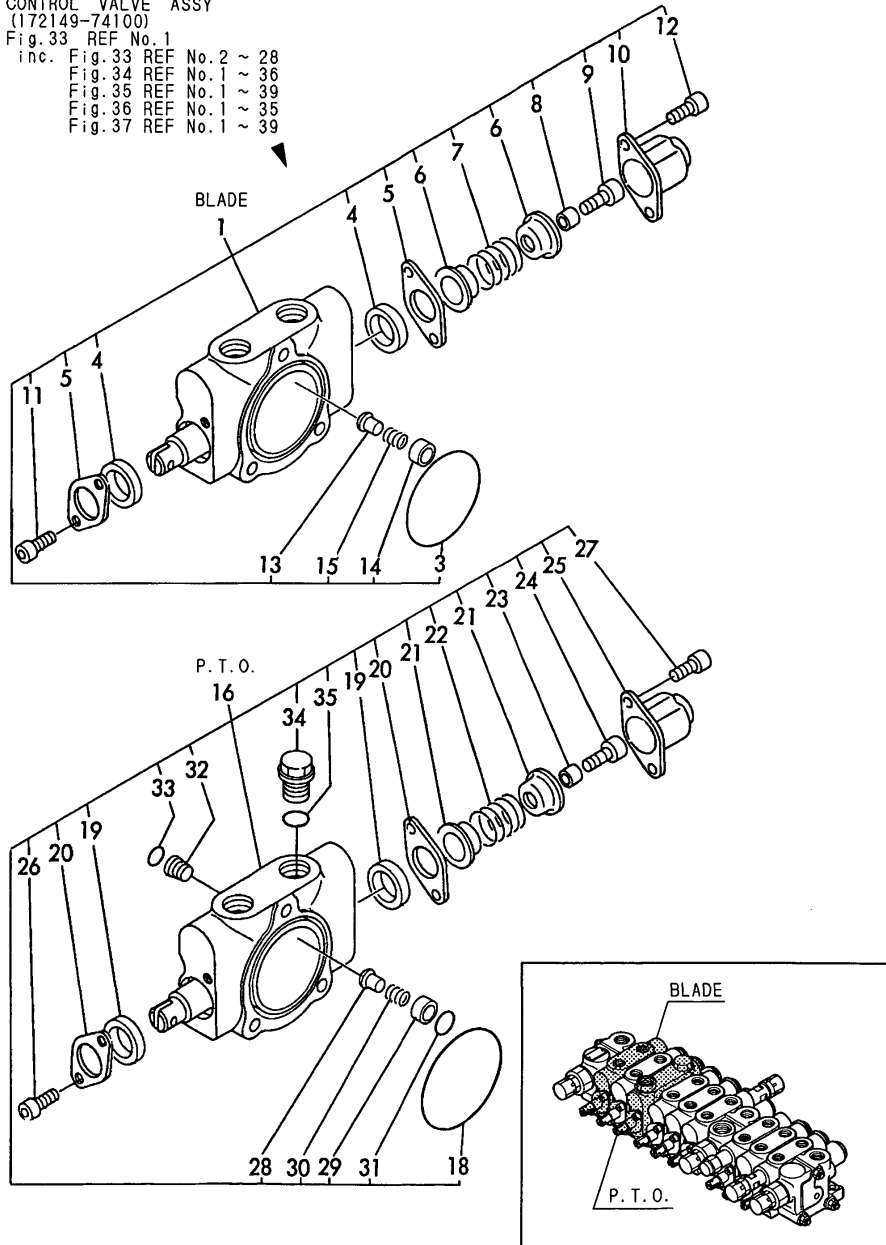
Fig.36. CONTROL VALVE(BLADE,P.T.O.)

Fig.36 CONTROL VALVE (BLADE, P. T. O.)

CONTROL VALVE ASSY
(172149-74100)

Fig.33 REF No.1

- inc. Fig.33 REF No.2 ~ 28
- Fig.34 REF No.1 ~ 36
- Fig.35 REF No.1 ~ 39
- Fig.36 REF No.1 ~ 35
- Fig.37 REF No.1 ~ 39



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

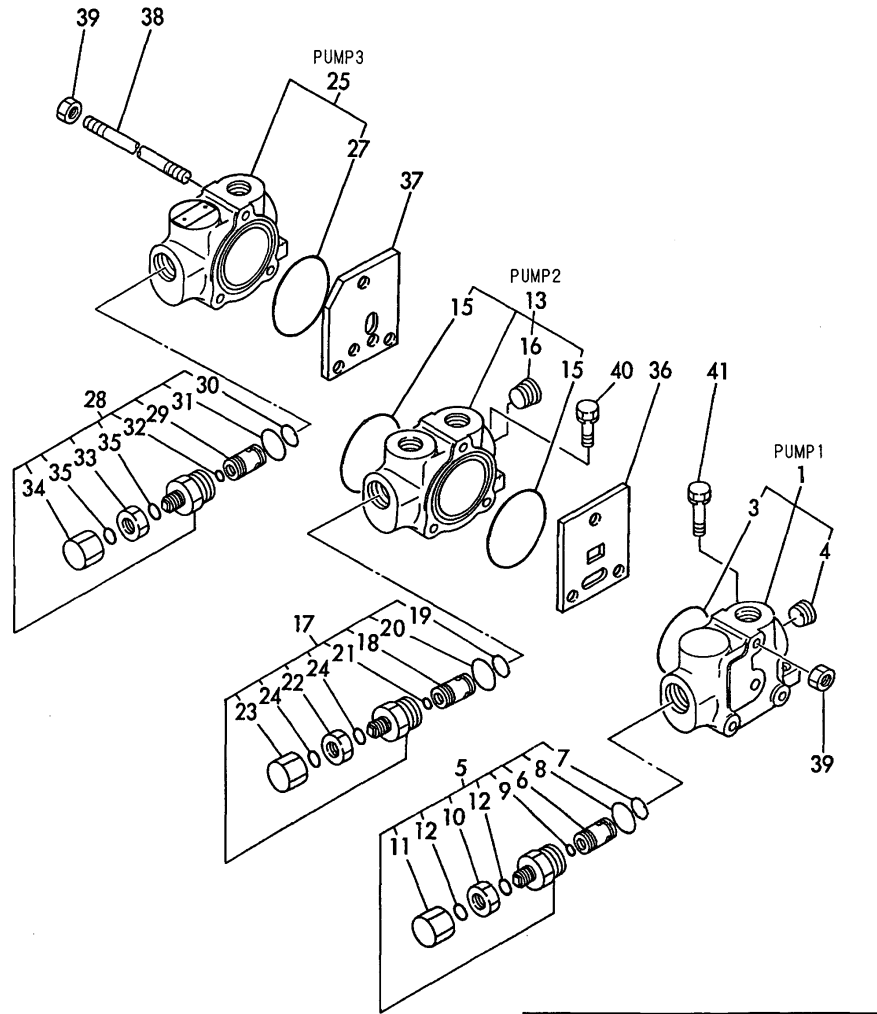
(E)=

(F)=

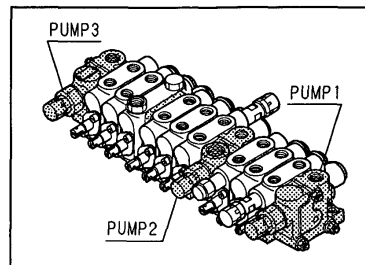
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172149-74380	SECTION ASSY, BLADE	1							
3	3	24325-000550	O-RING, 1BG55.0	1							
4	3	172137-74440	SEAL, OIL	2							
5	3	172137-74450	PLATE, SEAL	2							
6	3	172137-74460	SEAT, SPRING	2							
7	3	172137-74420	SPRING (A), RETURN	1							
8	3	172137-74470	SPACER	1							
9	3	172137-74480	BOLT, SPOOL	1							
10	3	172137-74490	CAP	1							
11	3	172137-74500	BOLT, PLATE	2							
12	3	172137-74510	BOLT, CAP	2							
13	3	172137-74520	VALVE, CHECK	1							
14	3	172137-74530	GUIDE, VALVE	1							
15	3	172137-74540	SPRING, VALVE	1							
16	2	172149-74320	SECTION ASSY, PTO	1							
18	3	24325-000550	O-RING, 1BG55.0	1							
19	3	172137-74440	SEAL, OIL	2							
20	3	172137-74450	PLATE, SEAL	2							
21	3	172137-74460	SEAT, SPRING	2							
22	3	172137-74420	SPRING (A), RETURN	1							
23	3	172137-74470	SPACER	1							
24	3	172137-74480	BOLT, SPOOL	1							
25	3	172137-74490	CAP	1							
26	3	172137-74500	BOLT, PLATE	2							
27	3	172137-74510	BOLT, CAP	2							
28	3	172137-74520	VALVE, CHECK	1							
29	3	172131-74060	GUIDE, CHECK VALVE	1							
30	3	172137-74540	SPRING, VALVE	1							
31	3	172131-74080	O-RING 1B S9	1							
32	3	172149-74340	PLUG	1							
33	3	24315-000070	O-RING, 1BP7.0	1							
34	3	172137-74270	PLUG	2							
35	3	24315-000140	O-RING, 1BP14.0	2							

Fig.37. CONTROL VALVE(P1,P2,P3)

Fig.37 CONTROL VALVE (P1, P2, P3)



CONTROL VALVE ASSY
(172149-74100)
Fig.33 REF No.1
inc. Fig.33 REF No.2 ~ 28
Fig.34 REF No.1 ~ 36
Fig.35 REF No.1 ~ 39
Fig.36 REF No.1 ~ 35
Fig.37 REF No.1 ~ 39



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

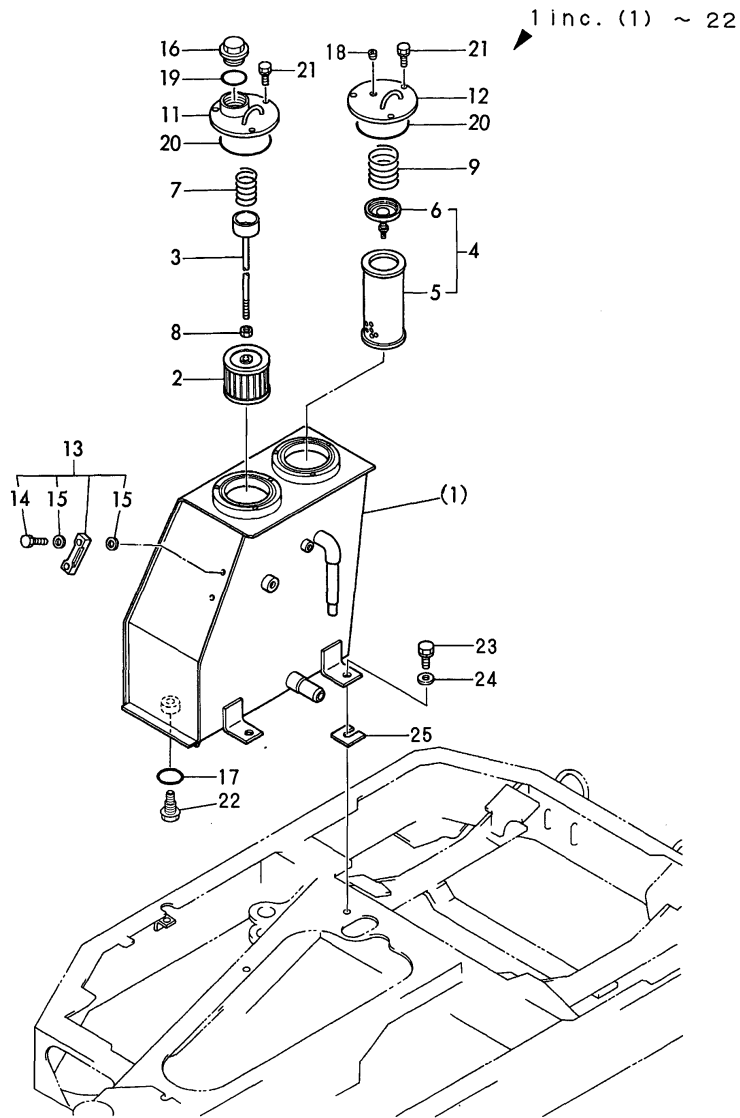
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172149-74110	SECTION ASSY	1							
3	3	24325-000550	O-RING, 1BG55.0	1							
4	3	23871-020000	PLUG, R02	1							
5	2	172149-74440	VALVE, RELIEF	1							
6	3	172131-74340	VALVE,RELIEF	1							
7	3	172137-74580	O-RING 15	1							
8	3	24315-000220	O-RING, 1BP22.0	1							
9	3	24315-000100	O-RING, 1BP10.0	1							
10	3	172131-74040	NUT M14X1	1							
11	3	172131-74050	CAP NUT M16X1	1							
12	3	24314-000160	O-RING, 4CP16.0	2							
13	2	172149-74220	SECTION ASSY	1							
15	3	24325-000550	O-RING, 1BG55.0	2							
16	3	23871-020000	PLUG, R02	1							
17	2	172149-74440	VALVE, RELIEF	1							
18	3	172131-74340	VALVE,RELIEF	1							
19	3	172137-74580	O-RING 15	1							
20	3	24315-000220	O-RING, 1BP22.0	1							
21	3	24315-000100	O-RING, 1BP10.0	1							
22	3	172131-74040	NUT M14X1	1							
23	3	172131-74050	CAP NUT M16X1	1							
24	3	24314-000160	O-RING, 4CP16.0	2							
25	2	172149-74410	SECTION ASSY	1							
27	3	24325-000550	O-RING, 1BG55.0	1							
28	2	172149-74480	VALVE, RELIEF	1							
29	3	172131-74340	VALVE,RELIEF	1							
30	3	172137-74580	O-RING 15	1							
31	3	24315-000220	O-RING, 1BP22.0	1							
32	3	24315-000100	O-RING, 1BP10.0	1							
33	3	172131-74040	NUT M14X1	1							
34	3	172131-74050	CAP NUT M16X1	1							
35	3	172131-74020	O-RING, 1B S16	2							
36	2	172149-74170	PLATE	1							
37	2	172149-74300	PLATE	1							
38	2	172149-74460	ROD, TIE	3							
39	2	26716-080002	NUT, M8	6							
40	1	26013-080202	BOLT, M8X 20	1							
41	1	26013-080252	BOLT, M8X 25	2							

Fig.38. HYD. OIL TANK

Fig. **38** HYD. OIL TANK



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772149-75100-2	TANK ASSY, OIL	1							1
2	2	172137-73700	FILTER, SUCTION	1							
3	2	172141-73710	ROD, STRAINER	1							
4	2	172141-73750	FILTER ASSY, RETURN	1							
5	3	172141-73760	ELEMENT, FILTER	1							
6	3	172141-73770	VALVE ASSY, BYPASS	1							
7	2	172112-75780	SPRING, FILTER	1							
8	2	26716-100002	NUT, M10	1							
9	2	933152-02710	SPRING, CLUTCH	1							
11	2	172141-75400-2	COVER, EXIT	1							
12	2	172141-75430-2	COVER, INTAKE	1							
13	2	172122-75600	GAUGE, OIL LEVEL	1							
14	3	172122-75620	BOLT	2							
15	3	172122-75630	GASKET	4							
16	2	172116-75850	PLUG, OIL FEED	1							
17	2	24341-000300	O-RING, 1AS30.0	1							
18	2	933171-23050	PLUG 1/4	1							
19	2	24311-000380	O-RING, 1AP38.0	1							
20	2	24321-001050	O-RING, 1AG105.0	2							
21	2	26013-080202	BOLT, M8X 20	6							
22	2	172187-75500	PLUG 24	1							
22A	1	172438-03220	LABEL,NO1	1							2
22B	1	172433-03261	LABEL	2							2
22C	1	172437-03320	LABEL,HYD.OIL TANK	1							2
23	1	26013-120302	BOLT, M12X 30	3							
24	1	933152-03700	WASHER, CLUTCH	3							
25	1	933171-17770	SHIM SET	1							

Remarks

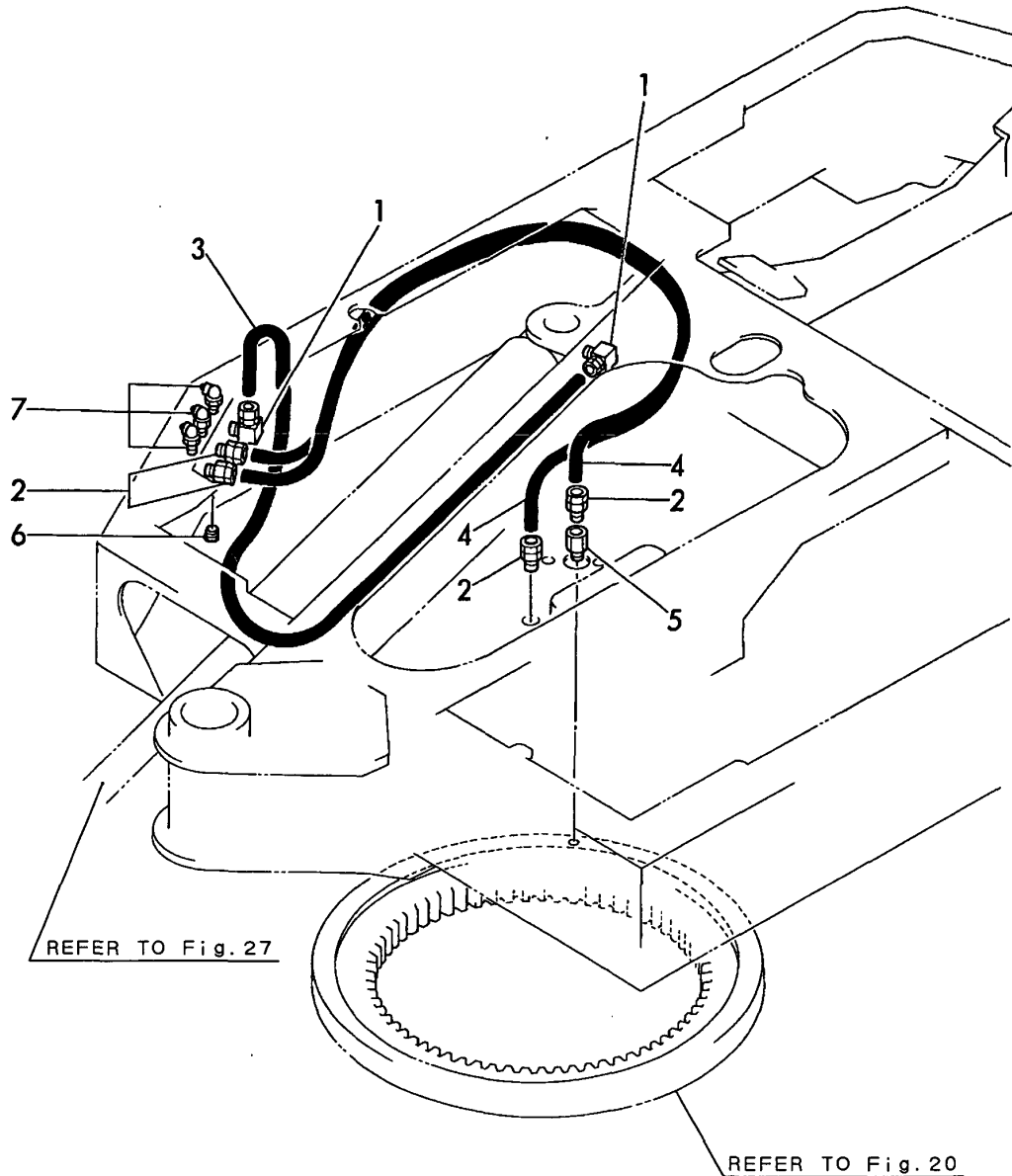
(1)PLEASE USE THIS PART WITH FOLLOWING LABELS AT THE SAME TIME.

REF. NO. 22A-22C.

(2)LABELS ARE NOT ILLUSTRATED.

Fig.39. GREASING

Fig. 39 GREASING



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

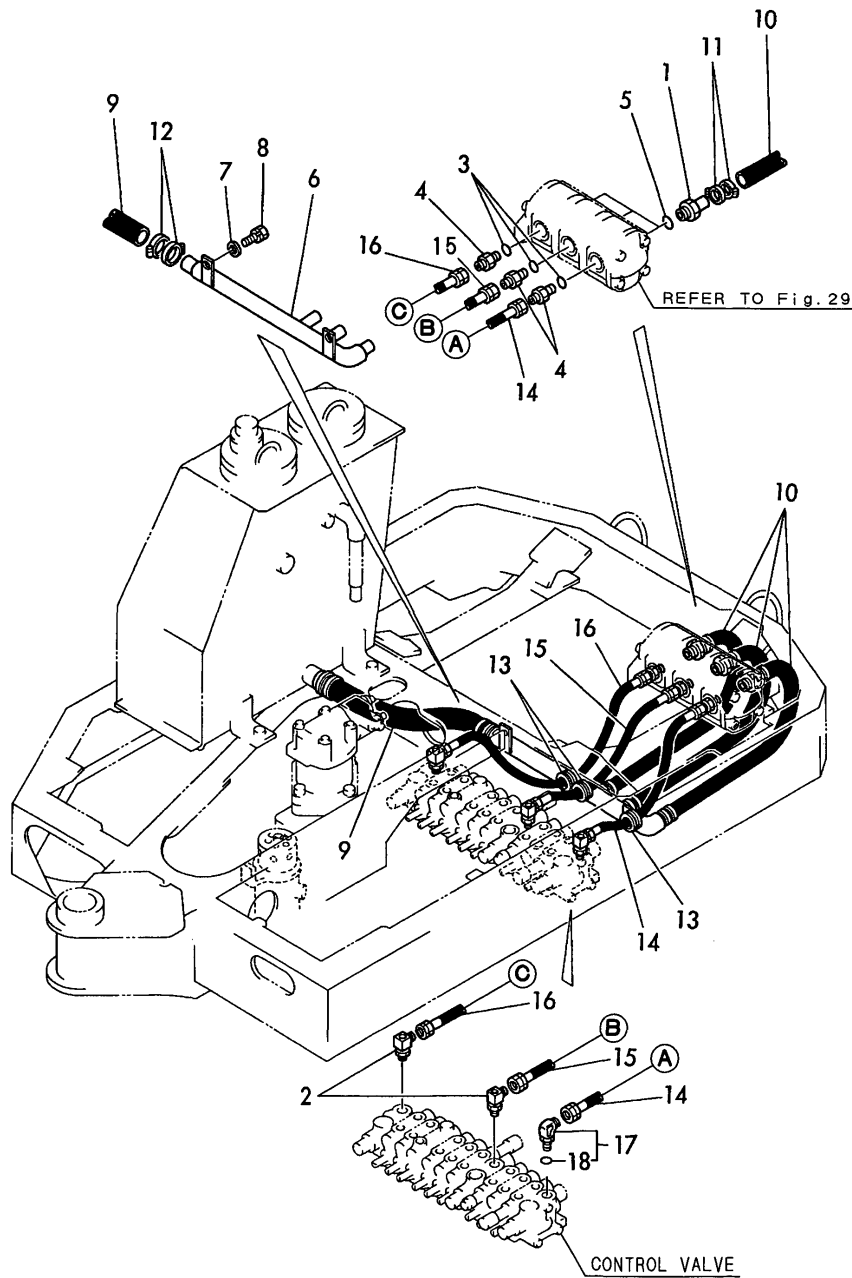
(E)=

(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172112-77660	JOINT, PT1/8	2							
2	1	172141-77800	JOINT, GREASE	4							
3	1	172137-78520	PIPE P202FF095	1							
4	1	172149-77811	HOSE	2							
5	1	172312-77820	FITTING, GREASE	1							
6	1	23871-010000	PLUG, R01	1							
7	1	24761-020000	NIPPLE, GREASE PT1/8	3							

Fig.40. HYD. OIL PIPING(TANK-VALVE)

Fig.40 HYD.OIL PIPING (TANK~VALVE)



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

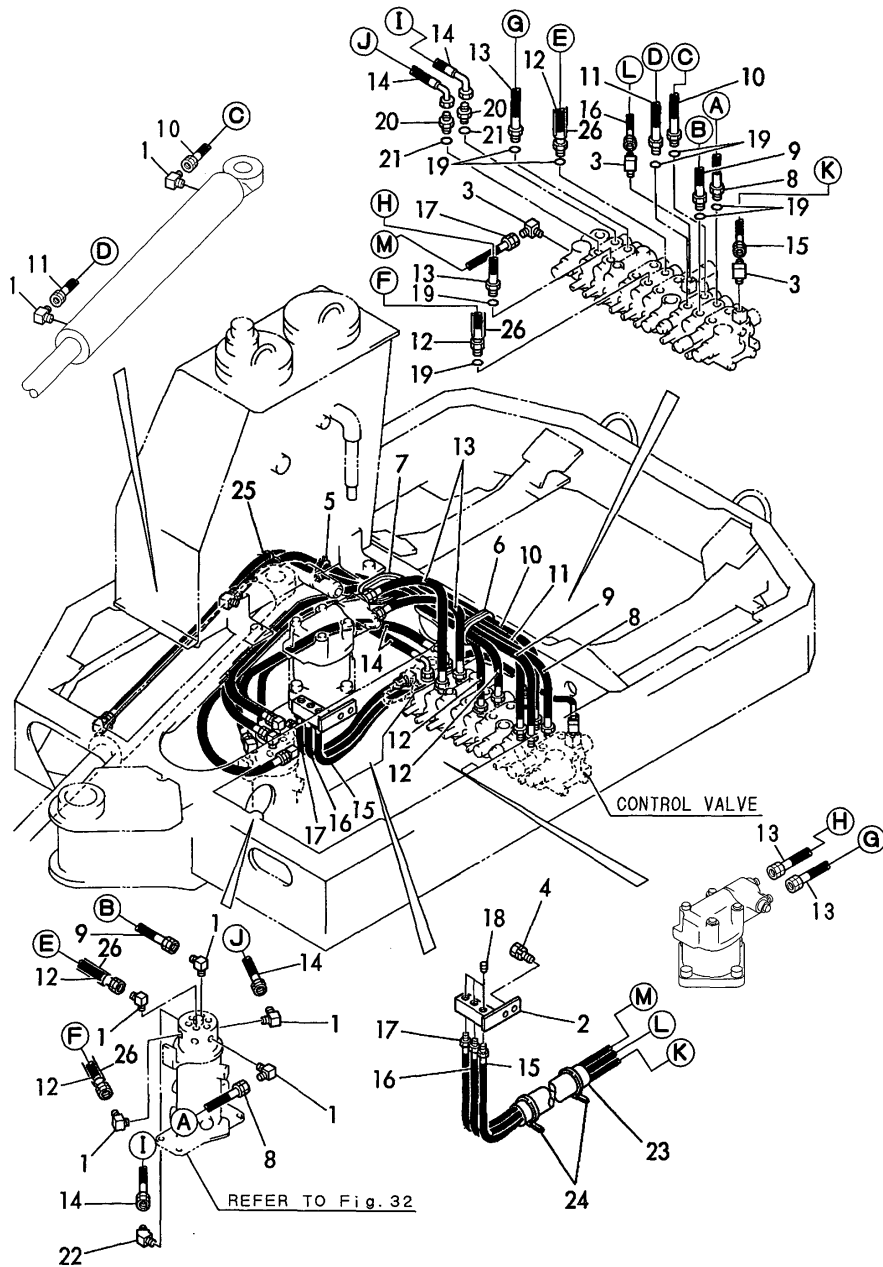
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-76151	JOINT, SUCTION	3							
2	1	172149-76300	ELBOW ASSY	2							
3	1	933152-07400	O-RING	3							
4	1	933160-03530	PORT, PUMP	3							
5	1	933160-03570	O-RING	3							
6	1	172149-76400	TUBE ASSY, SUCTION	1							
7	1	22137-100000	WASHER, 10	2							
8	1	26013-100202	BOLT, M10X 20	2							
9	1	172149-78100	HOSE	1							
10	1	172149-78110	HOSE	3							
11	1	23000-035000	CLAMP, 35	12							
12	1	23000-048000	CLAMP, 48	4							
13	1	933171-15680	GROMMET	3							
14	1	172149-78150	HOSE	1							
15	1	172149-78160	HOSE	1							
16	1	172149-78170	HOSE	1							
17	1	172142-76180	JOINT	1							
18	2	24315-000140	O-RING, 1BP14.0	1							

Fig.41. HYD. OIL PIPING(VALVE-SWIVEL-MOTOR)

Fig.41 HYD. OIL PIPING (VALVE~SWIVEL~MOTOR)



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

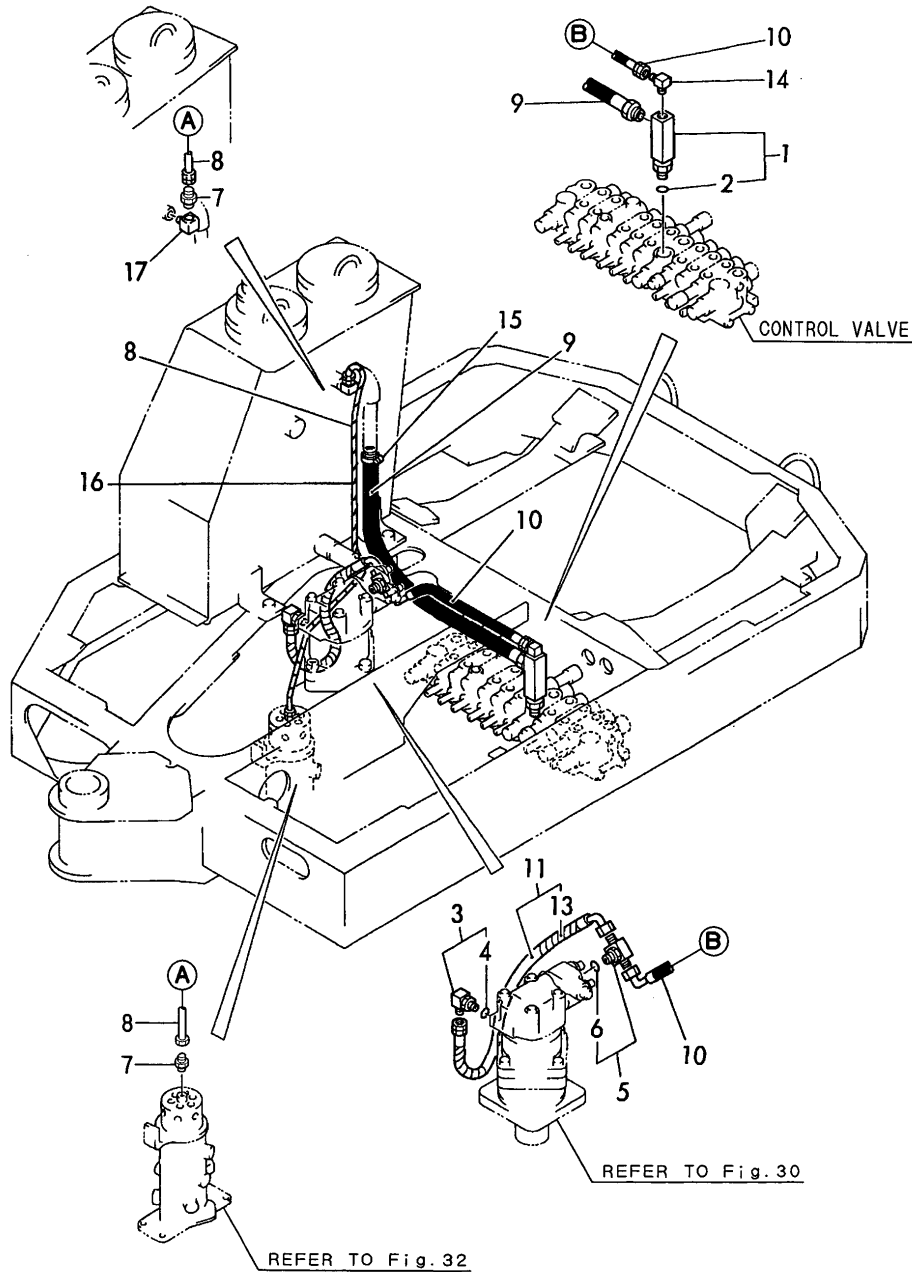
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	23393-020000	JOINT, 90RG1-1/4	7							
2	1	172149-76250	CONNECTOR ASSY	1							
3	1	172112-77660	JOINT, PT1/8	3							
4	1	26013-100202	BOLT, M10X 20	2							
5	1	172149-78020	BUSH	1							
6	1	172149-78781	GROMMET	2							
7	1	172149-78790	BUSH	1							
8	1	172149-78210	HOSE	1							
9	1	172149-78220	HOSE	1							
10	1	172149-78230	HOSE	1							
11	1	172149-78240	HOSE	1							
12	1	172149-78270	HOSE	2							
13	1	172149-78290	HOSE	2							
14	1	172149-78300	HOSE	2							
15	1	172149-78501	HOSE	1							
16	1	172149-78511	HOSE	1							
17	1	172149-78520	HOSE	1							
18	1	23871-030000	PLUG, R03	3							
19	1	24315-000110	O-RING, 1BP11.0	8							
20	1	172123-76120	ADAPTER, PF1/4	2							
21	1	24315-000110	O-RING, 1BP11.0	2							
22	1	23394-020000	JOINT, 45RG1-1/4	1							
23	1	172149-78361	COVER, HOSE	1							
24	1	933152-09280	BAND 170	2							
25	1	172171-14300	CLAMP	1							
26	1	172149-78350	COVER, HOSE	2							

Fig.42. HYD. OIL PIPING(RETURN)

Fig.42 HYD. OIL PIPING (RETURN)



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

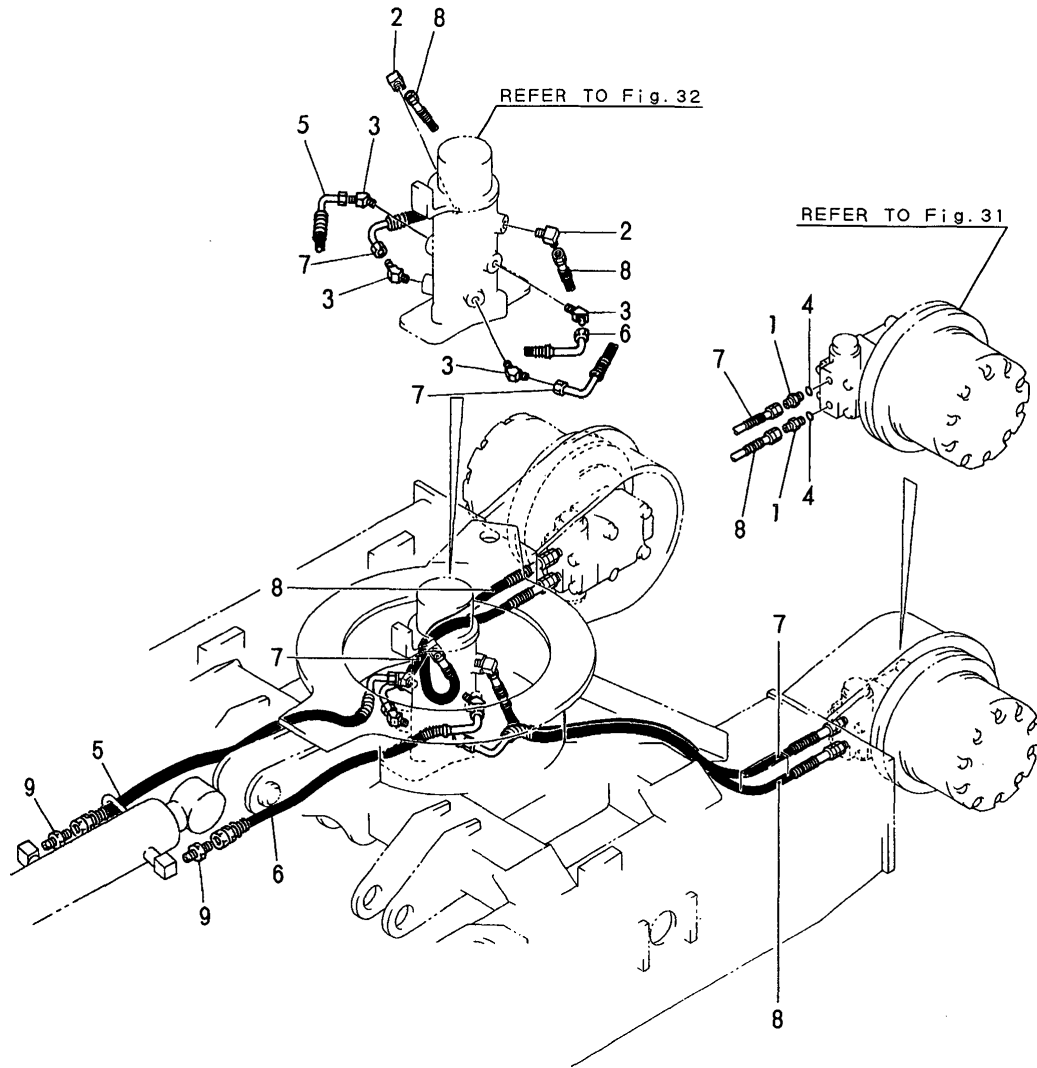
(E)=

(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172149-76120	ELBOW	1							
2	2	24311-000180	O-RING, 1AP18.0	1							
3	1	172141-76180	CONNECTOR ASSY	1							
4	2	24315-000110	O-RING, 1BP11.0	1							
5	1	172141-76200	CONNECTOR, T03FFF	1							
6	2	24315-000110	O-RING, 1BP11.0	1							
7	1	172141-77800	JOINT, GREASE	2							
8	1	172142-77810	HOSE	1							
9	1	172149-78120	HOSE	1							
10	1	172149-78130	HOSE	1							
11	1	172141-78500	HOSE	1							
13	2	172141-78900	TUBE, SPIRAL	1							
14	1	23393-030000	JOINT, 90RGI-3/8	1							
15	1	23000-048000	CLAMP, 48	1							
16	1	172149-78400	TUBE, COIL	1							
17	1	172112-77480	ELBOW	1							

Fig.43. HYD. OIL PIPING(TRAVEL)

Fig.43 HYD. OIL PIPING (TRAVEL)



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

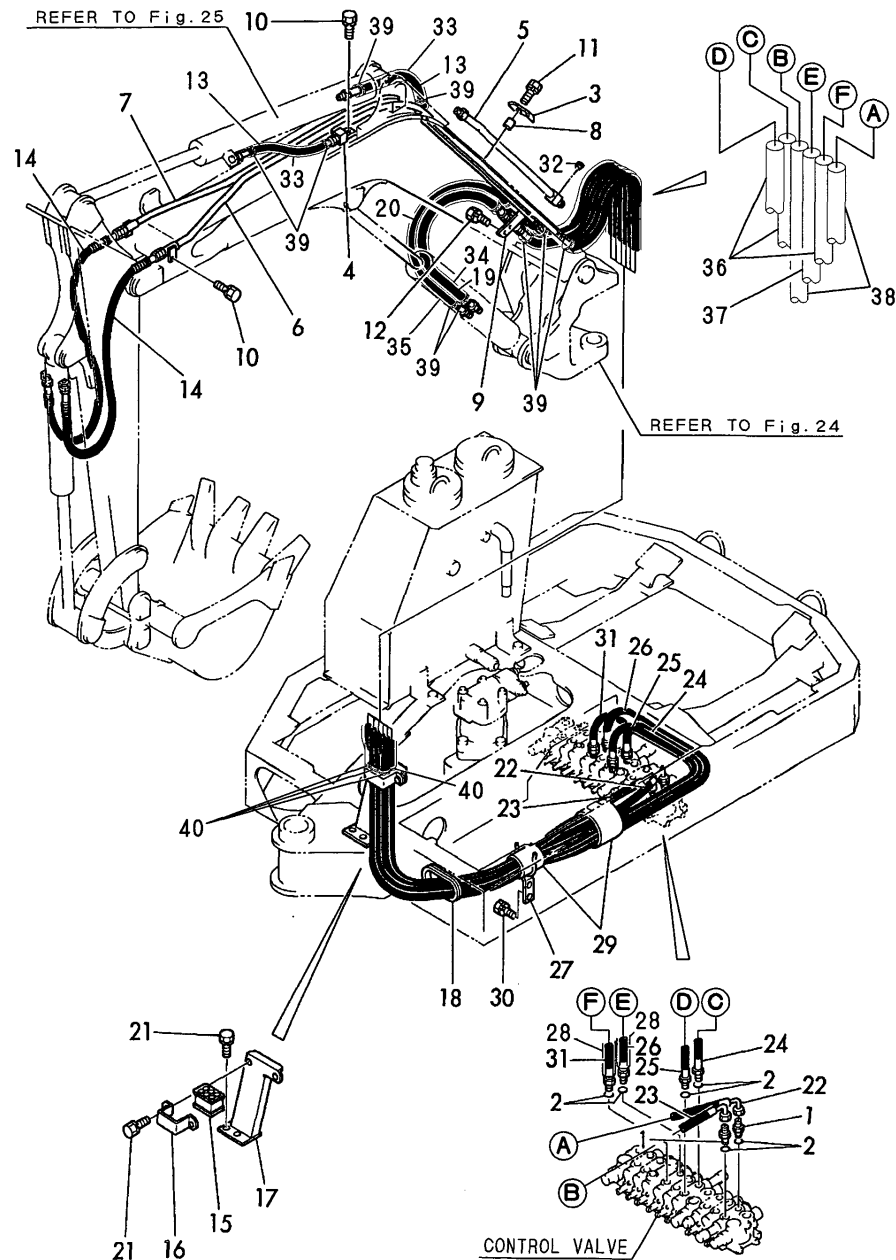
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76120	ADAPTER, PF1/4	4							
2	1	23394-020000	JOINT, 45RGI-1/4	2							
3	1	23394-020000	JOINT, 45RGI-1/4	4							
4	1	24315-000110	O-RING, 1BP11.0	4							
5	1	172149-78331	HOSE	1							
6	1	172149-78340	HOSE	1							
7	1	172149-78310	HOSE	2							
8	1	172149-78320	HOSE	2							
9	1	23391-020000	JOINT, RGI-1/4	2							

Fig.44. HYD.OIL PIPING(BOOM)

Fig. **44** HYD.OIL PIPING (BOOM)



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76120	ADAPTER, PF1/4	2							
2	1	24315-000110	O-RING, 1BP11.0	6							
3	1	172110-76170-1	PLATE (YELLOW:87)	4							
4	1	172149-76450-1	TUBE ASSY, ARM	1							
5	1	172149-76471-1	TUBE ASSY, ARM	1							
6	1	172149-76490-1	TUBE ASSY, BUCKET	1							
7	1	172149-76520-1	TUBE ASSY, BUCKET	1							
8	1	172137-76580	COLLAR	4							
9	1	172149-76580	JOINT, BOOM	1							
10	1	26013-080162	BOLT, M8X 16	3							
11	1	26013-080252	BOLT, M8X 25	4							
12	1	26013-100202	BOLT, M10X 20	2							
13	1	172137-78340	HOSE	2							
14	1	172150-78150	HOSE	2							
15	1	172149-78600	CLAMP, HOSE	1							
16	1	172149-78620-1	PLATE, CLAMP	1							
17	1	172149-78650-1	SUPPORT, HOSE	1							
18	1	172149-78760	GROMMET, 36X108	1							
19	1	23271-020501	HOSE, 02X 500	1							
20	1	23271-020571	HOSE, 02X 570	1							
21	1	26013-100202	BOLT, M10X 20	4							
22	1	172149-78190	HOSE	1							
23	1	172149-78200	HOSE	1							
24	1	172149-78250	HOSE	1							
25	1	172149-78260	HOSE	1							
26	1	172149-78280	HOSE	1							
27	1	172149-78820	CLAMP, HOSE	1							
28	1	172149-78350	COVER, HOSE	2							
29	1	172149-78871	CLAMP, HOSE	2							
30	1	26013-100202	BOLT, M10X 20	2							
31	1	172149-78180	HOSE	1							
32	1	23871-010000	PLUG, R01	1							
33	1	172149-78940	COVER, HOSE	2							
34	1	172149-78960	COVER, HOSE	1							
35	1	172122-79880	COVER, HOSE	1							
36	1	172149-78970	COVER, HOSE	3							
37	1	172149-78980	COVER, HOSE	1							
38	1	172150-79040	COVER	2							
39	1	23000-025000	CLAMP, 25	14							
40	1	172122-79920	CLIP, HOSE	6							

Fig.45. HYD.OIL PIPING(P.T.O.VALVE-BOOM BLACKET)

(A)=B17-2BPR(US)

(B)=

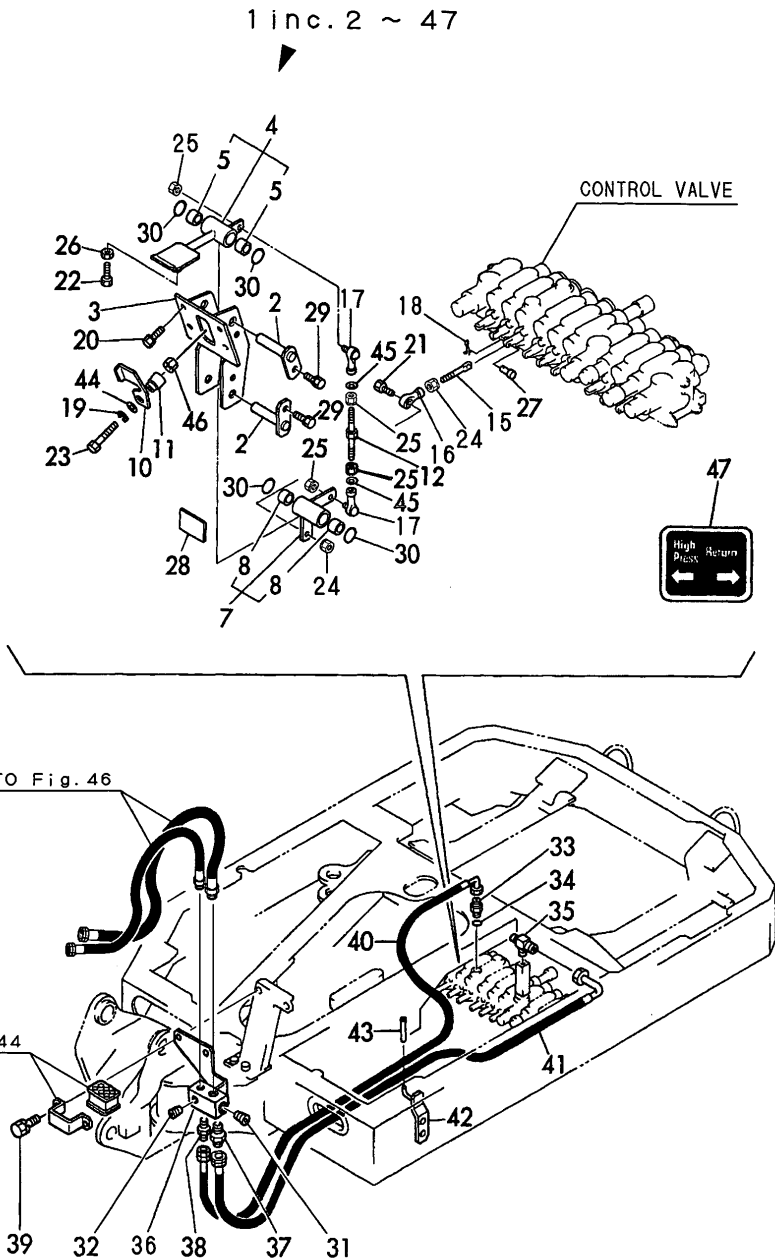
(C)=

(D)=

(E)=

(F)=

Fig.45 HYD.OIL PIPING (P. T. O. VALVE~BOOM BRACKET)

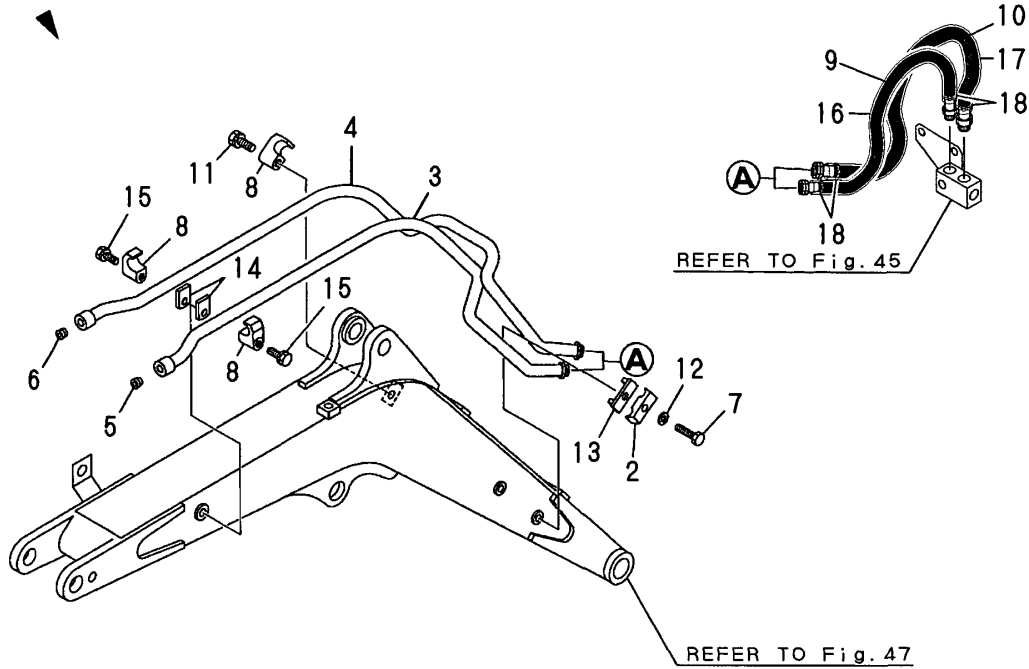


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772149-46100	3RD VALVE ASSY	1							
2	2	172149-41860	PIN, BLADE	2							
3	2	172149-42750	SUPPORT ASSY, PEDAL	1							
4	2	172149-42800	PEDAL, 3RD	1							
5	3	172141-41360	BUSH 1415	2							
7	2	172149-42850	LINK, 3RD	1							
8	3	172141-41360	BUSH 1415	2							
10	2	172149-42890	LEVER, LOCK	1							
11	2	172149-42900	COLLAR	1							
12	2	172149-42720	ROD COMP.,3RD	1							
15	2	172146-45691	ROD(C), SPOOL	1							
16	2	172122-46571	END, ROD	1							
17	2	172122-46590	ELBOW	2							
18	2	1C6281-52310	PIN, SNAP 6	1							
19	2	22217-100000	WASHER, SPRING 10	1							
20	2	26013-100202	BOLT, M10X 20	4							
21	2	26116-080302	BOLT, M8X 30 PLATED	1							
22	2	26116-100252	BOLT, M10X 25 PLATED	1							
23	2	26116-100352	BOLT, M10X 35 PLATED	1							
24	2	26051-080002	NUT, M8	2							
25	2	26051-080002	NUT, M8	4							
26	2	26716-100002	NUT, M10	1							
27	2	933110-54100	PIN 4.75X14	1							
28	2	172131-03421	LABEL, 3RD VALVE	1							
29	2	26013-100202	BOLT, M10X 20	2							
30	2	24311-000210	O-RING, 1AP21.0	4							
31	2	23871-040000	PLUG, R04	2							
32	2	23871-030000	PLUG, R03	2							
33	2	172730-75140	ADAPTER	1							
34	2	24311-000140	O-RING, 1AP14.0	1							
35	2	172149-76200	CONNECTOR ASSY	1							
36	2	172149-76701	CONNECTOR ASSY	1							
37	2	23391-040000	JOINT, RGI-1/2	1							
38	2	933152-24410	ADAPTER	1							
39	2	26013-100252	BOLT, M10X 25	2							
40	2	172146-78380	HOSE	1							
41	2	172149-78461	HOSE	1							
42	2	172149-78900	CLAMP, HOSE	1							
43	2	172149-78920	HOSE	1							
44	2	22137-080000	WASHER, 8	1							
45	2	22137-080000	WASHER, 8	2							
46	2	26716-100002	NUT, M10	1							
47	2	172149-03451	LABEL	1							

Fig.46. HYD.OIL PIPING(P.T.O.BOOM END)

Fig.46 HYD.OIL PIPING (P. T. O. BOOM END)

1 inc. 2 ~ 15



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

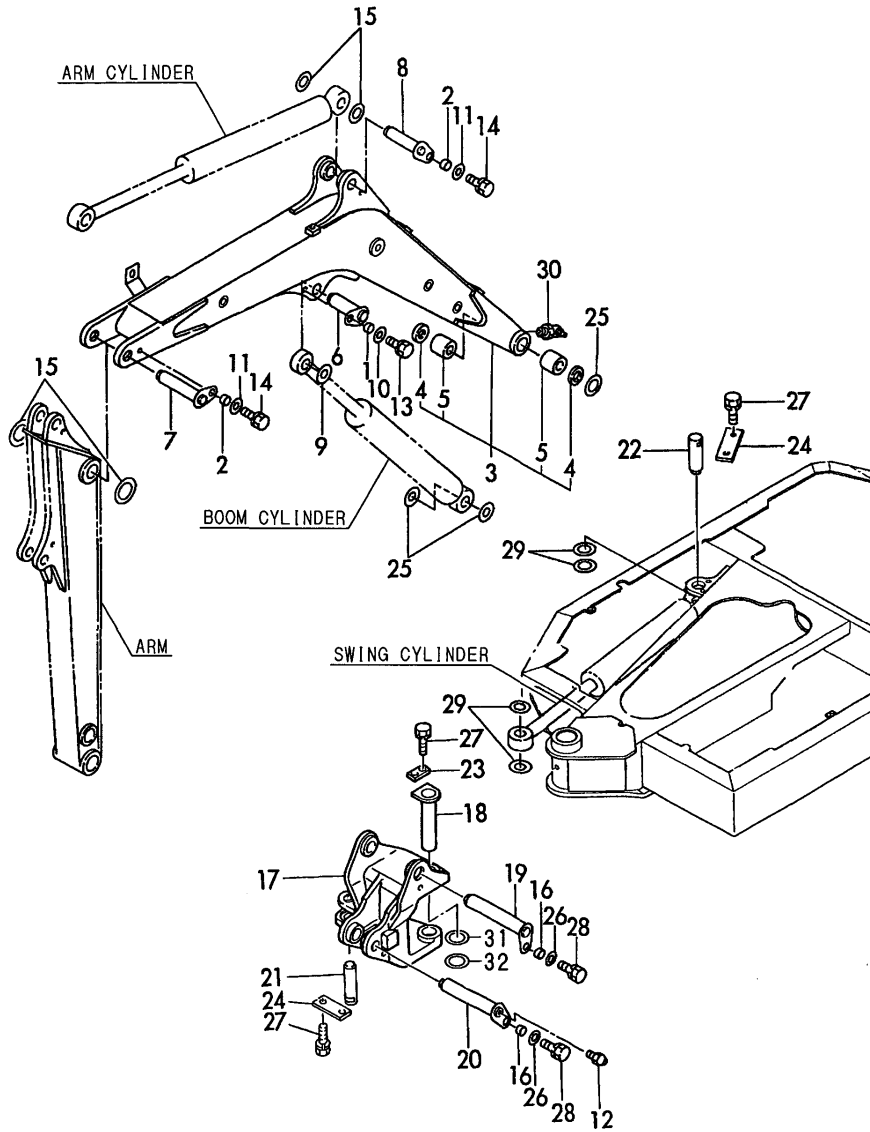
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772149-76411-1	PIPE ASSY, VALVE	1							
2	2	172112-76300-3	RETAINER A,BOOM PIPE	1							
3	2	172149-76541-1	TUBE ASSY, 3RD	1							
4	2	172149-76561-1	TUBE ASSY, 3RD	1							
5	2	23871-030000	PLUG, R03	1							
6	2	23871-040000	PLUG, R04	1							
7	2	26116-100552	BOLT, M10X 55 PLATED	1							
8	2	172142-76950	CLAMP	3							
9	2	172149-78470	HOSE G206AB067	1							
10	2	172149-78480	HOSE	1							
11	2	26013-120402	BOLT, M12X 40	1							
12	2	22217-100000	WASHER, SPRING 10	1							
13	2	172183-76260-1	SPACER ASSY	1							
14	2	172183-76250-1	PLATE (YELLOW:87)	2							
15	2	26013-120502	BOLT, M12X 50	2							
16	1	172142-78770	COVER, HOSE	1							
17	1	172149-78950	COVER, HOSE	1							
18	1	23000-025000	CLAMP, 25	4							

Fig.47. BOOM & BOOM BRACKET

Fig.47 BOOM & BOOM BRACKET



Remarks
 (1)PLEASE USE THIS PART WITH FOLLOW-
 ING LABELS AT THE SAME TIME.
 REF. NO. 5A-5C.
 (2)LABELS ARE NOT ILLUSTRATED.

(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

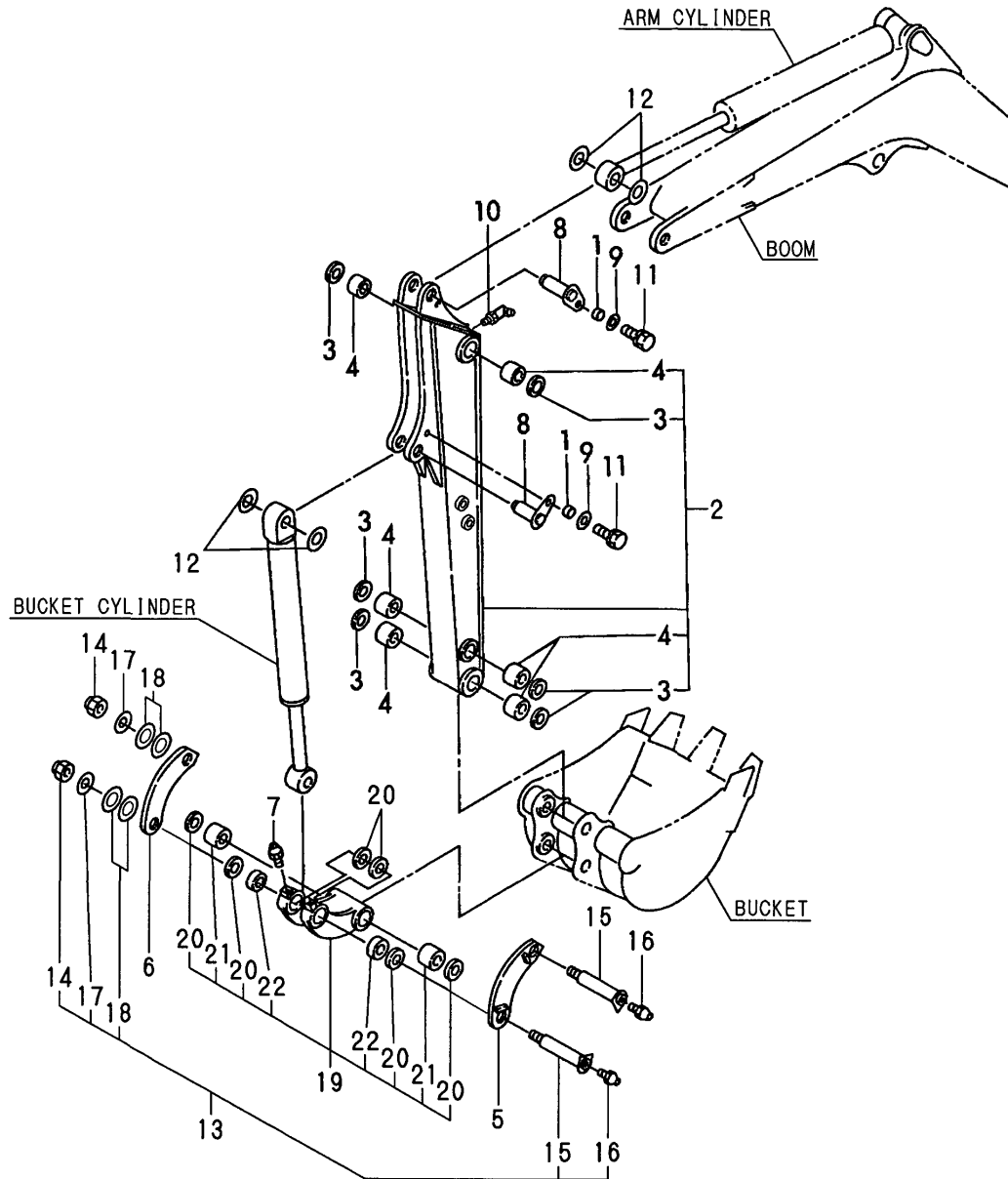
(E)=

(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	1							
2	1	172010-01640	SPACER	2							
3	1	172433-81100	BOOM ASSY	1							1
4	2	172171-81280	SEAL, DUST 35X45X4	2							
5	2	172141-82270	BUSH 35 45	2							
5A	1	172437-03460	LABEL, BOOM	2							2
5B	1	172437-03510	LABEL,HOOK	1							2
5C	1	172519-03680	LABEL,BRAND	1							2
6	1	172149-81301-1	PIN 35X114 COMPL	1							
7	1	172149-81321-1	PIN 30X148 COMPL.	1							
8	1	172137-81361-1	PIN	1							
9	1	172141-84601	SHIM	1							
10	1	22157-100000	WASHER, 10	1							
11	1	22157-100000	WASHER, 10	2							
12	1	24761-020000	NIPPLE, GREASE PT1/8	1							
13	1	26013-100252	BOLT, M10X 25	1							
14	1	26013-100302	BOLT, M10X 30	2							
15	1	933160-06711	SHIM ASSY	2							
16	1	172010-01640	SPACER	2							
17	1	172149-83101-1	BRACKET, BOOM	1							
18	1	172149-83110	PIN	1							
19	1	172149-83131-1	PIN 35X213 COMPL.	1							
20	1	172149-83151-1	PIN	1							
21	1	172149-83170	PIN	1							
22	1	172149-83180	PIN	1							
23	1	172149-83190	PLATE,LOCK(GREEN:97)	1							
24	1	172117-83970-3	PLATE (C),LOCK	2							
25	1	172141-84601	SHIM	2							
26	1	22157-100000	WASHER, 10	2							
27	1	26013-100252	BOLT, M10X 25	6							
28	1	26013-100252	BOLT, M10X 25	2							
29	1	933171-29751	SHIM SET	2							
30	1	24761-040000	NIPPLE, GREASE B	1							
31	1	172173-81720	SHIM, 50X80X0.8	1							
32	1	172173-81730	SHIM, 50X80X0.5	1							

Fig.48. ARM & BUCKET LINK

Fig. 48 ARM & BUCKET LINK



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

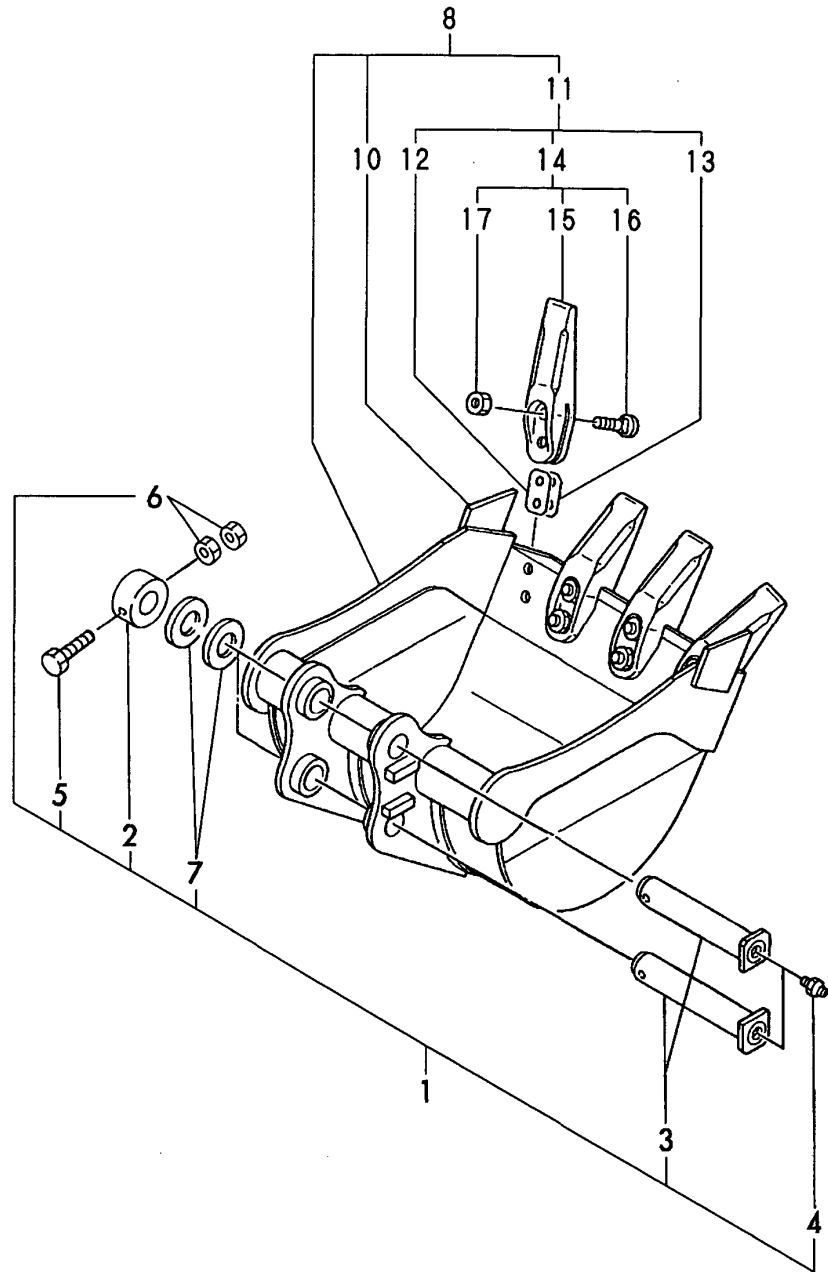
(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	2							
2	1	172183-82101-1	ARM ASSY	1							
3	2	172183-72290	SEAL, DUST 30X40X4.2	6							
4	2	172137-81300	BUSH 30X45, PIN	6							
5	1	172137-84502-1	ARM ASSY, BUCKET	1							
6	1	172137-84512-1	ARM ASSY, BUCKET	1							
7	1	24761-020000	NIPPLE, GREASE PT1/8	2							
8	1	172137-94251-1	PIN 30X76	2							
9	1	22157-100000	WASHER, 10	2							
10	1	24761-040000	NIPPLE, GREASE B	1							
11	1	26013-100252	BOLT, M10X 25	2							
12	1	933160-06711	SHIM ASSY	2							
13	1	172149-99470-1	KIT, ARM PIN	2							
14	2	172137-81380	NUT, NYLON M16	2							
15	2	172149-83200-1	PIN 30X150 COMPL.	2							
16	2	24761-020000	NIPPLE, GREASE PT1/8	2							
17	2	933147-08501	WASHER 17X40X4.5	2							
18	2	933160-06711	SHIM ASSY	2							
19	1	172137-84403-1	LINK COMP.,BUCKET	1							
19-1	1	172137-84404	LINK, BUCKET (86)	1							N
(A=M/#30533)											
20	2	172183-72290	SEAL, DUST 30X40X4.2	6							
21	2	172137-81300	BUSH 30X45, PIN	2							
22	2	172137-84451	BUSH	2							

Fig.49. BUCKET

Fig. **49** BUCKET



(A)=B17-2BPR(US)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-99451-1	BIN KIT,BUCKET	2							
2	2	172149-83220	COLLAR, 30X42.7X22	2							
3	2	172137-86251-2	PIN,BUCKET	2							
4	2	24761-020000	NIPPLE, GREASE PT1/8	2							
5	2	26116-100602	BOLT, M10X 60 PLATED	2							
6	2	26716-100002	NUT, M10	4							
7	2	933160-06711	SHIM ASSY	2							
8	1	772137-86301-1	BUCKET ASSY	1							
10	2	172137-86240-1	CUTTER, SIDE	2							
11	2	772137-86751-1	TEETH ASSY	4							
12	3	172137-86700	SHIM, TEETH T=2.3	4							
13	3	172137-86710	SHIM SET, TEETH	4							
14	3	172137-86751-1	TEETH ASSY	4							
15	4	172141-86231-1	TEETH ASSY	4							
16	4	172137-86770	BOLT	8							
17	4	172137-86780	NUT	8							

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101720-55750	6	28
102103-55520	6	23
104200-11920	6	9
104200-55321	6	19
104200-55330	6	20
104200-55341	6	21
104200-55750	6	29
104200-92350	2	3
110250-55610	6	24
119247-77100	8	38
119631-44502	5	13
119631-44610	5	16
119631-44800	5	18
119631-49020	5	30
119640-77711	8	39
119640-92750	2	4
119645-49010	5	29
121120-13580	3	4
121120-44800	1	43
	5	20 B
121250-44590	5	14
121250-49121	5	33
121257-55720	6	25
121257-55731	6	26
121450-44531	5	23
121450-49110	5	31
121468-44510	5	21
121468-44540	5	24
121470-44540	5	28
121470-44581	5	26
121522-77721	8	40
124064-55510	6	22
124450-44560	5	25
124450-44590	5	15
124738-49150	5	19
124764-44810	1	44
	5	27 A
124764-44920	1	45
	5	20 A
124766-59050	6	33
129155-77810	8	41
129335-55700	6	18
171081-55910	6	30
172010-01640	47	1
		2
		16
	48	1
	50	1
172110-76170-1	44	3
172111-16890	16	25

Parts No.	Fig. No.	Ref. No.
172111-16890	19	4
172112-75780	38	7
172112-76300-3	46	2
172112-77480	42	17
172112-77660	39	1
	41	3
172113-12521	4	12
172113-12522	4	12 -1
172116-46630	18	12
	21	6
	22	6
172116-46910	17	11
172116-75850	38	16
172117-83970-3	47	24
172122-03740	1	39
	19	10 D
172122-05101	2	2
172122-14301	6	5
172122-14350	6	6
172122-16570	8	5
172122-37843	11	13
172122-45720	14	15
172122-46571	15	31
	45	16
172122-46590	14	26
		27
		28
	15	25
	16	38
		39
	17	10
	45	17
172122-47250	15	26
	16	40
		41
172122-55061	21	2
172122-71130	29	9
172122-73140	29	14
172122-73150	29	16
172122-73170	29	17
172122-73200	29	19
172122-75600	38	13
172122-75620	38	14
172122-75630	38	15
172122-79880	44	35
172122-79890	5	41
172122-79920	44	40
172123-76120	41	20
	43	1
	44	1

Parts No.	Fig. No.	Ref. No.
172124-46200	14	16
	15	19
	16	23
172124-65450	21	18
172124-65480	21	20
172124-65490	21	21
172125-03950	1	42
172126-13370	5	49
172126-16540	6	17
	8	13
172126-65500	21	22
172131-03421	1	51
	22	8 D
	45	28
172131-50360-1	11	22
172131-73800	32	1
172131-73810	32	4
172131-73830	32	6
172131-74020	37	35
172131-74040	37	10
		22
		33
172131-74050	37	11
		23
		34
172131-74060	36	29
172131-74080	36	31
172131-74340	37	6
		18
		29
172131-78350	11	33
172137-03301	1	16
	22	8 C
172137-03780	1	40
	22	8 F
172137-12270	4	11
172137-13111	5	1
172137-13141	5	2
172137-13161	5	3
172137-13171	5	4
172137-13180	5	5
172137-16531	9	1
172137-16560	9	2
172137-29111	10	1
172137-37100	11	9
172137-37110	11	3
172137-37130	11	10
172137-37140	11	11
172137-37330	10	5
172137-37360	10	6

Parts No.	Fig. No.	Ref. No.
172137-37710	11	34
172137-37801	11	12
172137-37850	11	16
172137-38600	12	1
172137-46400	14	21
172137-51700-1	11	24
172137-51900-1	11	25
172137-65700	21	24
172137-69850	21	42
172137-70451	31	22
172137-70461	31	4
172137-70471	31	5
172137-70480	31	23
172137-70490	31	24
172137-70500	31	25
172137-70510	31	26
172137-70520	30	15
172137-70530	30	16
	31	28
172137-70540	31	29
172137-70551	31	30
172137-70561	31	31
172137-70570	31	32
172137-70580	31	33
172137-70590	31	34
172137-70600	30	17
	31	35
172137-70610	31	36
172137-70620	31	37
172137-70631	31	3
172137-70641	31	21
172137-70651	31	6
172137-70661	31	7
172137-70681	31	8
172137-70741	31	9
172137-70770	31	10
172137-70781	31	11
172137-70791	31	12
172137-70800	31	20
172137-70811	31	13
172137-70820	31	14
172137-70830	31	15
172137-70840	31	16
172137-70850	31	39
172137-71210	29	5
172137-71220	29	6
172137-72251	24	11
172137-72261	24	12
172137-72272	24	13

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172137-72452	25	12	
	26	6	
	28	6	
172137-72463	24	16	
172137-72700	27	28	
172137-72710	27	29	
172137-72720	27	30	
172137-72730	27	31	
172137-72740	27	32	
172137-73130	29	12	
172137-73170	29	18	
172137-73351	31	1	
172137-73361	31	2	
172137-73370	31	38	
172137-73700	38	2	
172137-73810	32	5	
172137-73860	32	7	
172137-74270	36	34	
172137-74420	33	8	
		20	
	34	7	
		28	
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	36	7	
		22	
	172137-74440	33	5
		17	
	34	4	
	25		
	35	4	
	22		
	36	4	
	19		
172137-74450	33	6	
		18	
	34	5	
		26	
	35	5	
	23		
	36	5	
	20		
172137-74460	33	7	
		19	
	34	6	
		27	
	35	6	
		24	
	36	6	
	21		

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172137-74470	33	9
		21
	34	8
		29
	35	8
	36	8
		23
172137-74480	33	10
		22
	34	9
		30
	35	9
		27
	36	9
		24
172137-74490	33	11
		23
	34	10
		31
	35	10
		28
	36	10
		25
172137-74500	33	12
		24
	34	11
		32
	35	11
		29
	36	11
		26
172137-74510	33	13
		25
	34	12
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	35	12
		30
	36	12
		27
172137-74520	33	26
	34	13
		34
	35	13
		31
	36	13
		28
172137-74530	33	27
	34	14
		35

Parts No.	Fig. No.	Ref. No.
172137-74530	35	14
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	36	14
172137-74540	33	28
	34	15
		36
	35	15
		33
	36	15
		30
172137-74580	37	7
		19
		30
172137-74600	34	16
	35	34
	35	16
172137-74630	35	16
172137-74640	34	20
	35	18
		38
172137-76230	32	13
172137-76580	44	8
172137-77190	30	26
172137-77200	30	27
172137-77220	30	28
172137-78340	44	13
172137-78520	39	3
172137-81300	48	4
		21
		8
172137-81361-1	47	8
172137-81380	48	14
172137-84403-1	48	19
172137-84404	48	19 -1
172137-84451	48	22
172137-84502-1	48	5
172137-84512-1	48	6
172137-86240-1	49	10
172137-86251-2	49	3
172137-86700	49	12
172137-86710	49	13
172137-86751-1	49	14
172137-86770	49	16
172137-86780	49	17
172137-94101-1	50	2
172137-94251-1	48	8
172137-94251-2	50	4
172137-94271-1	50	5
172137-99451-1	49	1
172137-99490	11	2
172141-12160	4	6
172141-12220	4	3

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172141-12232	4	7
172141-12240	4	8
172141-12250	4	9
172141-12260	4	10
172141-14260	6	4
172141-17141	8	25
172141-17150	8	26
172141-17161	8	27
172141-17190	8	29
172141-17230	8	30
172141-41150	15	2
172141-41160	14	2
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172141-41311	14	3
172141-41331	14	4
	15	4
172141-41340	4	13
	17	4
172141-41360	17	3
	45	5
		8
172141-41370	13	1
	14	12
	15	13
		16
		34
	16	3
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		12
		15
		20
172141-42600	18	3
172141-42701-4	18	4
172141-42750	18	5
172141-42960	17	9
172141-50890	11	23
172141-64370	22	11
		12
		55
172141-65970	8	55
172141-68200-3	21	44
172141-71900	25	15
	26	9
	28	9
172141-72250	27	17
172141-72420	27	14
172141-72540	25	9
	26	3
	28	3
172141-72561	24	3
		7

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172141-73021	27	25
172141-73090	24	26
	25	20
	26	14
	28	14
172141-73710	38	3
172141-73750	38	4
172141-73760	38	5
172141-73770	38	6
172141-75400-2	38	11
172141-75430-2	38	12
172141-76180	42	3
172141-76200	42	5
172141-77030	30	8
172141-77040	30	9
172141-77050	30	10
172141-77110	30	11
172141-77160	30	25
172141-77800	39	2
	42	7
172141-78500	42	11
172141-78900	42	13
172141-82270	47	5
172141-84601	47	9
		25
172141-86231-1	49	15
172142-72810	27	16
172142-73800	32	3
172142-76180	40	17
172142-76950	46	8
172142-77810	42	8
172142-78770	46	16
172146-12150	4	14
172146-45691	45	15
172146-78380	45	40
172147-17200	8	31
172147-17210	8	32
172147-17220	8	33
172147-17230	8	34
172147-17240	8	35
172147-17250	8	36
172148-73360	30	18
172148-77260	30	29
172149-03451	45	47
172149-05300	21	1
172149-11290	3	1
172149-11300	3	2
172149-11500	3	7
172149-11530	3	8
172149-12100	4	4

Parts No.	Fig. No.	Ref. No.
172149-12110	4	5
172149-12150	4	1
172149-13290	5	9
172149-14190-2	6	37
172149-14251	6	3
172149-14601	6	14
172149-14620	6	15
172149-14630	6	16
172149-16100	7	1
172149-16110	7	2
172149-16120	7	15
172149-16301	7	7
172149-16320	7	8
172149-16382	7	13
172149-16500	8	1
172149-16512	8	2
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933170-01490	18	11

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933171-00470	2	17
933171-13691	11	20
933171-15680	4	23
	40	13
933171-15801	8	8
933171-17770	6	13
	38	25
933171-18390	16	32
933171-23050	38	18
933171-23670	13	23
933171-29751	47	29

Parts No.	Fig. No.	Ref. No.
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