

YANMAR DIESEL TRACTOR
KE-140
KE-160

PARTS CATALOG

NPC-3970



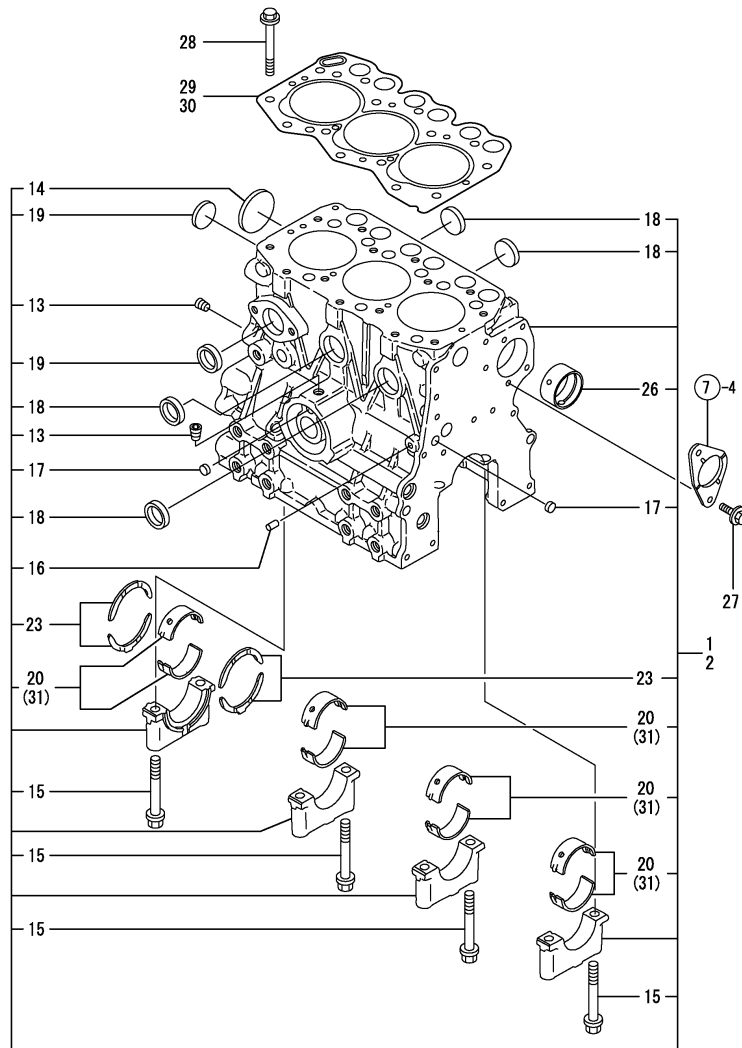
YANMAR AGRICULTURAL EQUIPMENT CO.,LTD.

Fig.1. CYLINDER BLOCK

0CNP3-G97000 1. CYLINDER BLOCK

(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

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

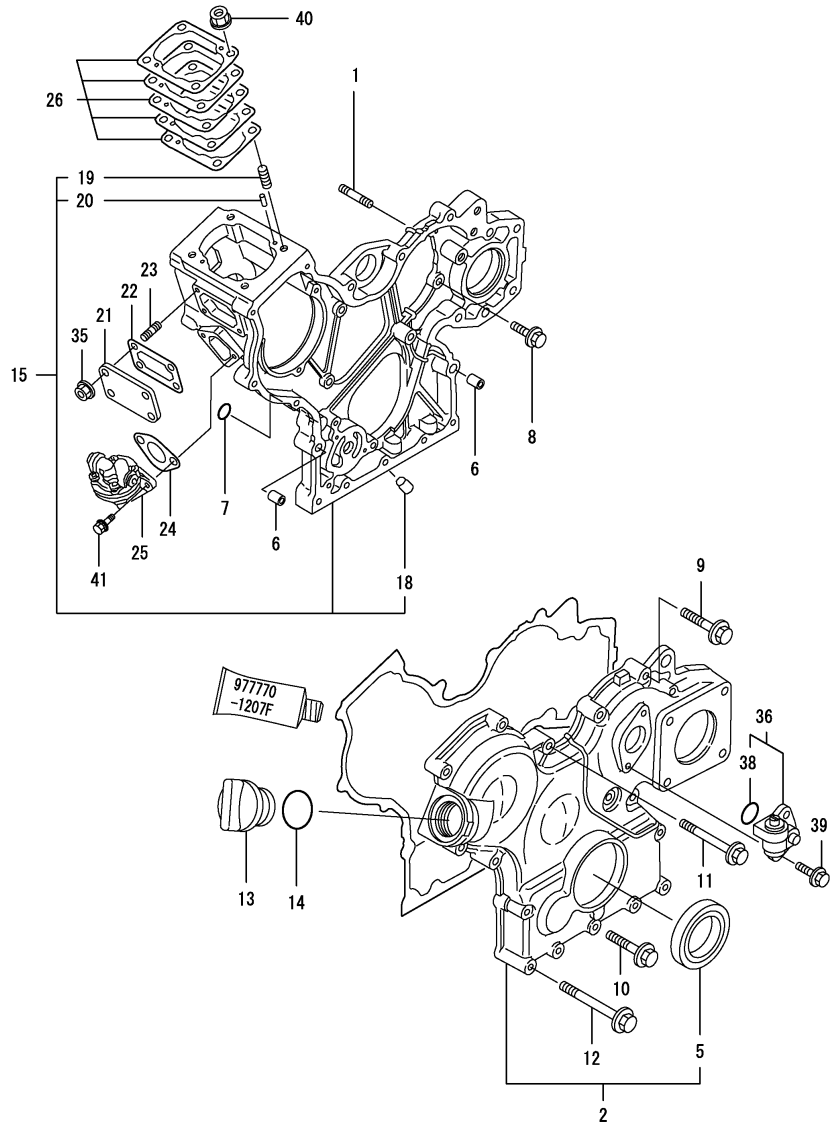


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719270-01560	BLOCK ASSY, CYLINDER	1							
2	1	719265-01560	BLOCK ASSY, CYLINDER		1						
13	2	124060-01050	PLUG PT1/8	2	2						
14	2	119265-01250	PLUG 40	1	1						
15	2	119260-02020	BOLT	8	8						
16	2	27221-060100	PLUG 6X10	1	1						
17	2	27241-100000	PLUG 10	2	2						
18	2	27241-250000	PLUG 25	4	4						
19	2	27241-300000	PLUG 30	2	2						
20	2	119260-02800	MAIN BEARING	4	4						
23	2	119260-02930	THRUST BEARING	2	2						
26	2	119266-02410	BUSH	1	1						
27	1	26106-060122	BOLT M 6X 12 PLATED	2	2						
28	1	119266-01200	STUD, CYL. HEAD	14	14						
29	1	119225-01340	GASKET, (NON-ASB.)	1							
30	1	119265-01341	GASKET, CYL. HEAD		1						
31	1	719260-02870	MAIN BEARING US=0.25	4	4						1

Remarks

(1) UNDER-SIZE(U.S=0.25)PART.
(REMARKS)"EFFECTIVE MACHINE NO." OF
ENGINE IS INDICATED ON THE
ENGINE LABEL WHICH IS SHOWN
IN FIG.4.

Fig.2. GEAR HOUSING



OCNP3-G97000 2. GEAR HOUSING

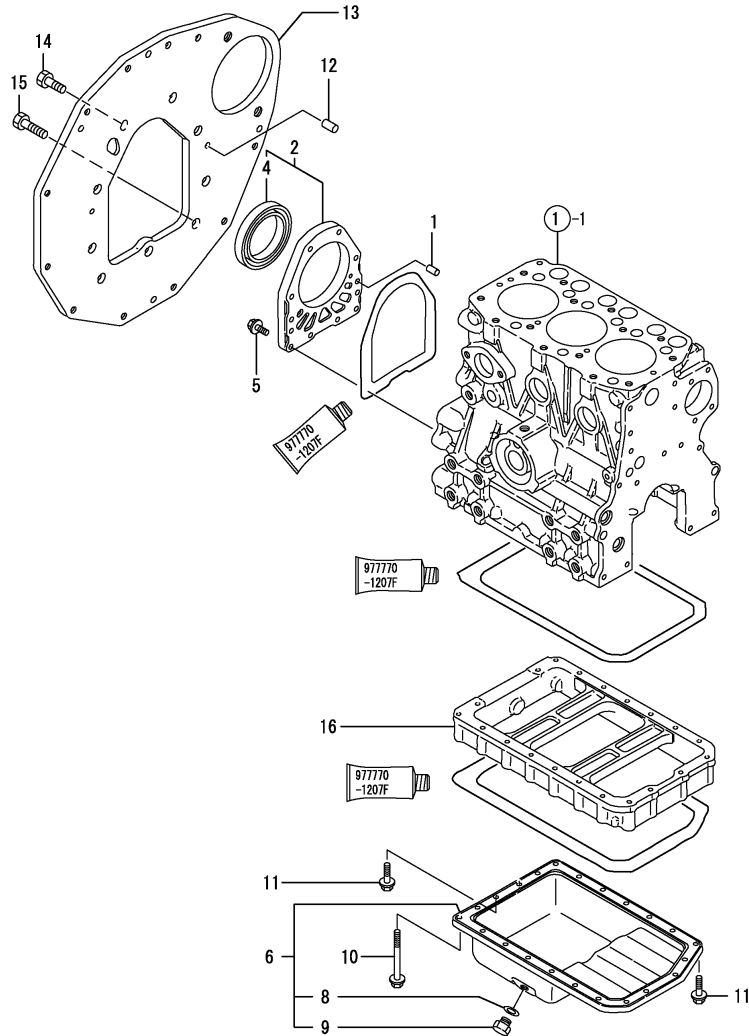
(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121450-01560	STUD M 8X 22	1	1						
2	1	119263-01590	COVER ASSY,GEAR CASE	1	1						
5	2	119620-01800	SEAL, OIL	1	1						
6	1	119660-01911	PIPE, KNOCK	4	4						
7	1	119624-32040	O-RING P 12.0	2	2						
8	1	26106-060162	BOLT M 6X 16 PLATED	6	6						
9	1	26106-060302	BOLT M 6X 30 PLATED	4	4						
10	1	26106-060402	BOLT M 6X 40 PLATED	3	3						
11	1	26106-060502	BOLT M 6X 50 PLATED	3	3						
12	1	26106-060652	BOLT M 6X 65 PLATED	6	6						
13	1	124160-01751	COVER,FILLER	1	1						
14	1	24311-000320	O-RING 1A P-32.0	1	1						
15	1	119263-01490	HOUSING ASSY, GEAR	1	1						
18	2	119260-01510	PLUG	1	1						
19	2	121450-01560	STUD M 8X 22	4	4						
20	2	22351-040010	SPRING PIN 4X10	2	2						
21	1	119660-01551	COVER	1	1						
22	1	119660-01562	GASKET, (NON-ASB.)	1	1						
23	1	119660-01570	STUD M6X12	4	4						
24	1	121520-01851	GASKET, (NON-ASB.)	1	1						
25	1	119668-52020	PUMP ASSY, FUEL FEED	1	1						
26	1	119623-01950	SHIM PACK	1	1						
35	1	26366-060002	NUT M 6	4	4						
36	1	129150-91400	GEAR UNIT,TACHOMETER	1	1						
38	2	24341-000240	O-RING 1A S-24.0	1	1						
39	1	26106-060162	BOLT M 6X 16 PLATED	2	2						
40	1	194990-22050	NUT W/WASHER 8	4	4						
41	1	26014-060202	BOLT M 6X 20	2	2						

Remarks
(REMARKS)"EFFECTIVE MACHINE NO." OF
ENGINE IS INDICATED ON THE
ENGINE LABEL WHICH IS SHOWN
IN FIG.4.

Fig.3. MOUNTING FLANGE & OIL SUMP



0CNP3-G97000 3. MOUNTING FLANGE & OIL SUMP

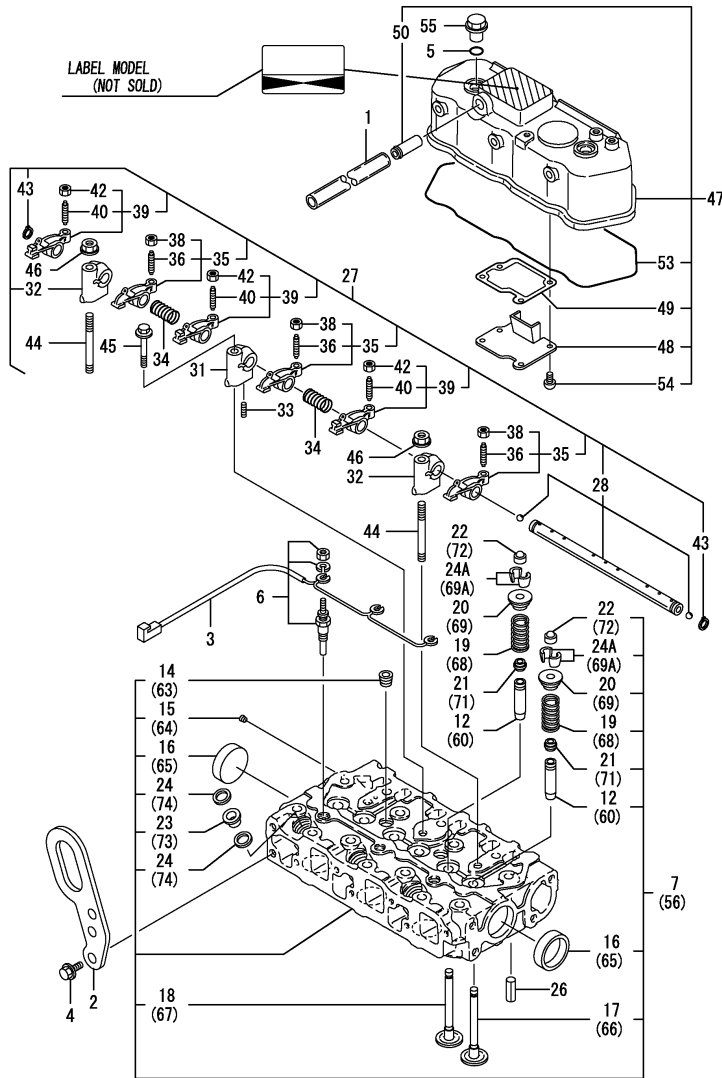
(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-01620	PARALLEL PIN 6X10	2	2						
2	1	119660-01640	CASE ASSY, OIL SEAL	1	1						
4	2	124085-02220	SEAL, OIL	1	1						
5	1	26106-060222	BOLT M 6X 22 PLATED	10	10						
6	1	119462-01770	SUMP ASSY, LUB. OIL	1	1						
8	2	22190-120002	SEAL WASHER 12	1	1						
9	2	129054-01640	DRAIN PLUG	1	1						
10	1	26106-060452	BOLT M 6X 45 PLATED	20	20						
11	1	26106-060122	BOLT M 6X 12 PLATED	3	3						
12	1	129100-01580	PARALLEL PIN 8X16	2	2						
13	1	119462-01602	FLANGE, MOUNTING	1	1						
14	1	26206-100202	BOLT M10X20	6	6						
15	1	26206-100252	BOLT M10X25	3	3						
16	1	119454-01721	SPACER, OIL SUMP	1	1						

Remarks
(REMARKS)"EFFECTIVE MACHINE NO." OF
ENGINE IS INDICATED ON THE
ENGINE LABEL WHICH IS SHOWN
IN FIG.4.

Fig.4. CYLINDER HEAD & BONNET



Remarks
 (1) REPAIR PART.
 (REMARKS)"EFFECTIVE MACHINE NO." OF
 ENGINE IS INDICATED ON THE
 ENGINE LABEL WHICH IS SHOWN
 IN FIG.4.

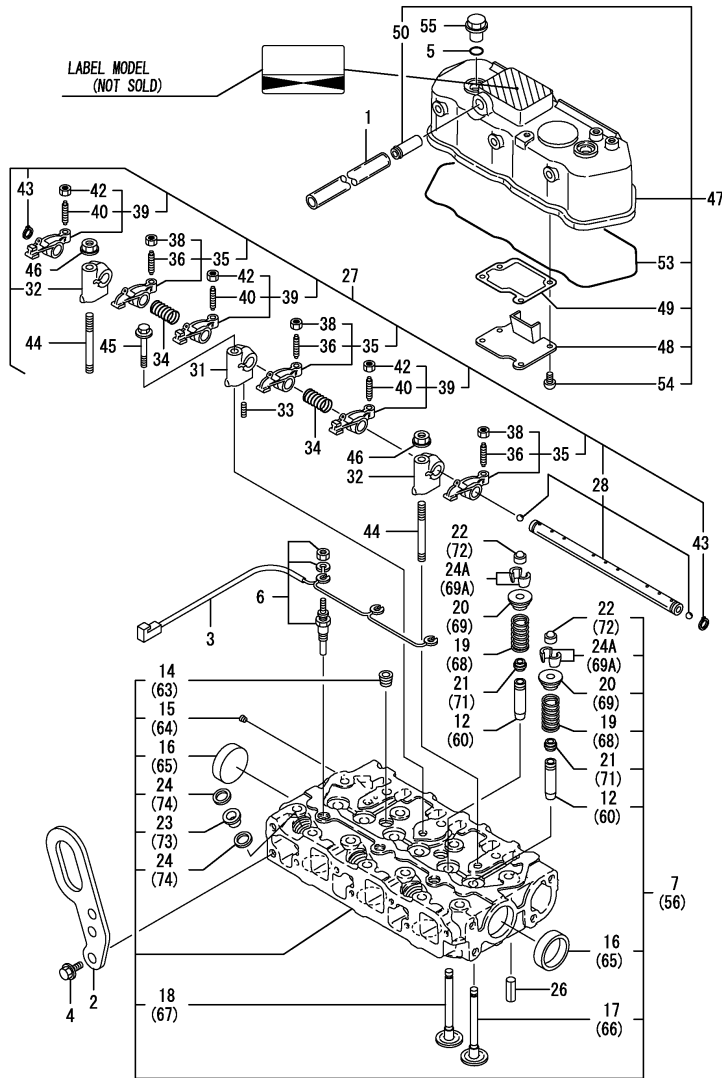
OCNP3-G97000 4. CYLINDER HEAD & BONNET

(A)=3TN66-UTR
 (B)=3TNE68-UTR
 (C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	23065-120500	PIPE, VINYL 12X 500	1	1						
2	1	119260-07900	LIFTER, ENGINE	1	1						
I	2-1	119626-07900	LIFTING, ENGINE	1	1						N
		(A=E88124) (B=EB9504)									
3	1	119645-77820	CONNECTOR, GLOW PLUG	1	1						
4	1	26106-080122	BOLT M 8X 12 PLATED	2	2						
5	1	24311-000120	O-RING 1A P 12.0	2	2						
6	1	129155-77801	PLUG, GLOW	3	3						
7	1	719260-11700	HEAD ASSY, CYLINDER	1							
12	2	119260-11800	GUIDE, VALVE	6							1
14	2	23876-030000	PLUG PT3/8,SCREW	2							
15	2	27221-050080	PLUG 5X 8	1							
16	2	27241-350000	PLUG 35	2							
17	2	119260-11100	VALVE, SUCTION	3							
18	2	119260-11110	VALVE, EXHAUST	3							
19	2	114250-11120	SPRING, VALVE	6							
20	2	114250-11180	RETAINER, SPRING	6							
21	2	119260-11340	SEAL, VALVE STEM	6							
22	2	119260-11370	CAP, VALVE	6							
23	2	119600-11450	PROTECTOR, NOZZLE	3							
24	2	119600-11460	GASKET, NOZZLE	6							
I	24A	27310-055001	COTTER	6							W
		(A=EXXX)									
26	1	22351-060012	SPRING PIN 6X12	2	2						
27	1	119260-11200	SUPPORT ASSY, ARM	1	1						
28	2	119260-11240	SHAFT ASSY, ARM	1	1						
31	2	119260-11260	SUPPORT, ROCKER ARM	1	1						
32	2	119265-11260	SUPPORT, ROCKER ARM	2	2						
33	2	119260-11270	SCREW	1	1						
34	2	119260-11280	SPRING	2	2						
35	2	719260-11650	ARM ASSY, ROCKER	3	3						
36	3	105010-11230	SCREW, VALVE	3	3						
38	3	26756-060002	LOCK NUT 6	3	3						
39	2	719260-11660	ARM ASSY, ROCKER	3	3						
40	3	105010-11230	SCREW, VALVE	3	3						
42	3	26756-060002	LOCK NUT 6	3	3						
43	2	22242-000100	CIRCLIP 10	2	2						
44	1	119620-11350	STUD	2	2						
45	1	26106-080452	BOLT M 8X 45 PLATED	1	1						
46	1	26306-080002	NUT	2	2						
47	1	119668-11331	BONNET ASSY	1	1						
48	2	119260-03020	PLATE, SHELTER	1	1						
49	2	119260-03031	GASKET, (NON-ASB.)	1	1						
50	2	118400-03060	JOINT, BREATHER	1	1						
53	2	119260-11310	GASKET, BONNET	1	1						
54	2	22857-500100	SCREW 5X10,TAPPING	4	4						
55	1	124160-11360	KNOB	2	2						
56	1	119265-11700	HEAD ASSY, CYLINDER	1							
60	2	119260-11800	GUIDE, VALVE	6							1
63	2	23876-030000	PLUG PT3/8,SCREW	2							
64	2	27221-050080	PLUG 5X 8	1							

Fig.4. CYLINDER HEAD & BONNET



OCNP3-G97000 4. CYLINDER HEAD & BONNET

(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

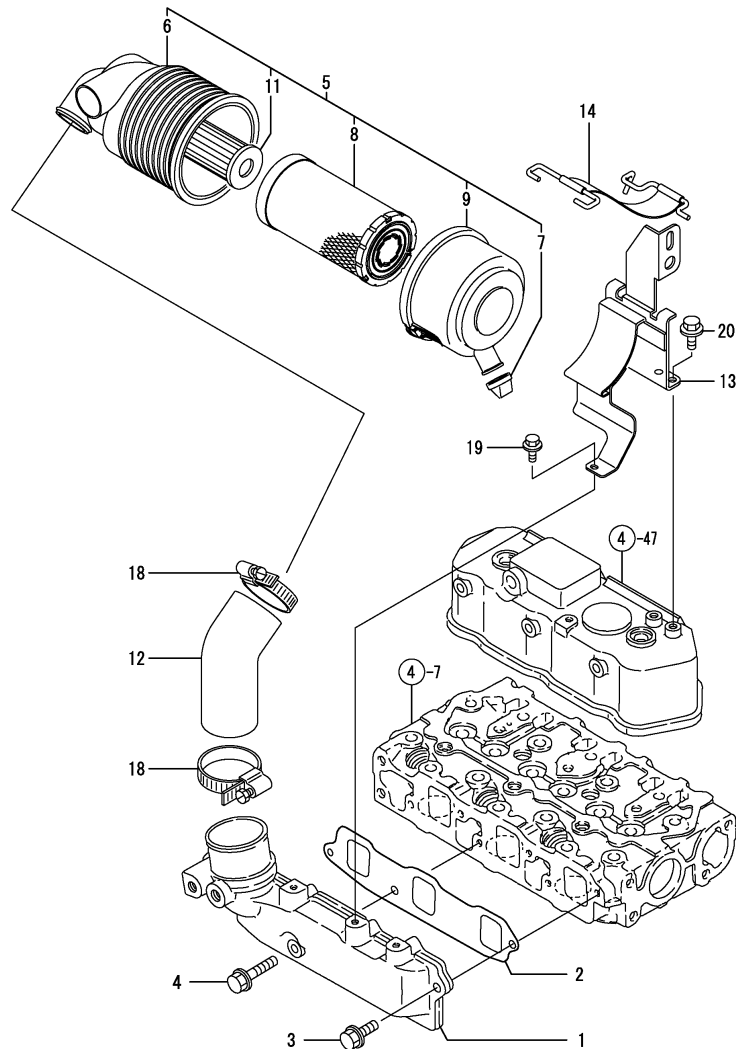
(D)=
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
65	2	27241-350000	PLUG 35		2						
66	2	119260-11100	VALVE, SUCTION		3						
67	2	119260-11110	VALVE, EXHAUST		3						
68	2	114250-11120	SPRING, VALVE		6						
69	2	114250-11180	RETAINER, SPRING		6						
I 69A	2	27310-055001	COTTER		6						W
(B=EXXX)											
71	2	119260-11340	SEAL, VALVE STEM		6						
72	2	119260-11370	CAP, VALVE		6						
73	2	119600-11450	PROTECTOR, NOZZLE		3						
74	2	119600-11460	GASKET, NOZZLE		6						

Remarks

(1) REPAIR PART.
(REMARKS)"EFFECTIVE MACHINE NO." OF
ENGINE IS INDICATED ON THE
ENGINE LABEL WHICH IS SHOWN
IN FIG.4.

Fig.5. SUCTION MANIFOLD & AIR CREANER



0CNP3-G97000 5. SUCTION MANIFOLD & AIR CREANER

(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119275-12101	MANIFOLD, INTAKE	1	1						
2	1	119270-12110	GASKET, SUC.MANIFOLD	1	1						
3	1	26106-060162	BOLT M 6X 16 PLATED	2	2						
4	1	26106-060282	BOLT M 6X 28 PLATED	1	1						
5	1	119668-12510	AIR CLEANER	1	1						
6	2	119668-12520	CANISTER	1	1						
7	2	119808-12540	VALVE, UNLOADER	1	1						
8	2	119655-12560	ELEMENT	1	1						
9	2	105027-12570	COVER, AIR CREANER	1	1						
11	2	119233-12700	ELEMENT, SAFETY	1	1						
12	1	119462-12550	PIPE,SUCTION	1	1						
13	1	119668-12600	SUPPORT,AIR CLEANER	1	1						
14	1	119865-12600	STAY	1	1						
18	1	23000-054000	CLAMP 54	2	2						
19	1	26106-060122	BOLT M 6X 12 PLATED	1	1						
20	1	26106-080122	BOLT M 8X 12 PLATED	2	2						

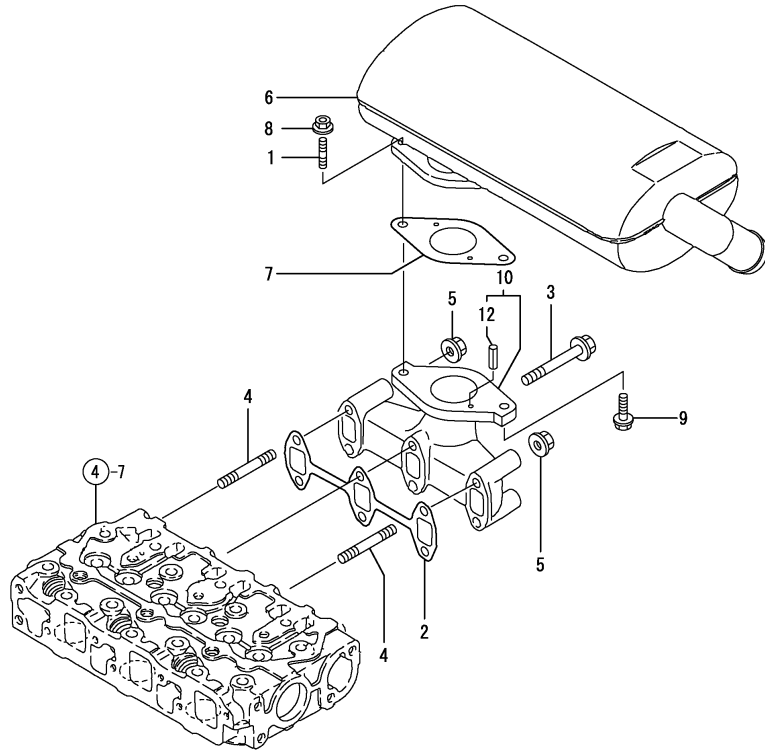
Remarks
(REMARKS)"EFFECTIVE MACHINE NO." OF
ENGINE IS INDICATED ON THE
ENGINE LABEL WHICH IS SHOWN
IN FIG.4.

Fig.6. EXHAUST MANIFOLD & SILENCER

0CNP3-G97000 6. EXHAUST MANIFOLD & SILENCER

(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

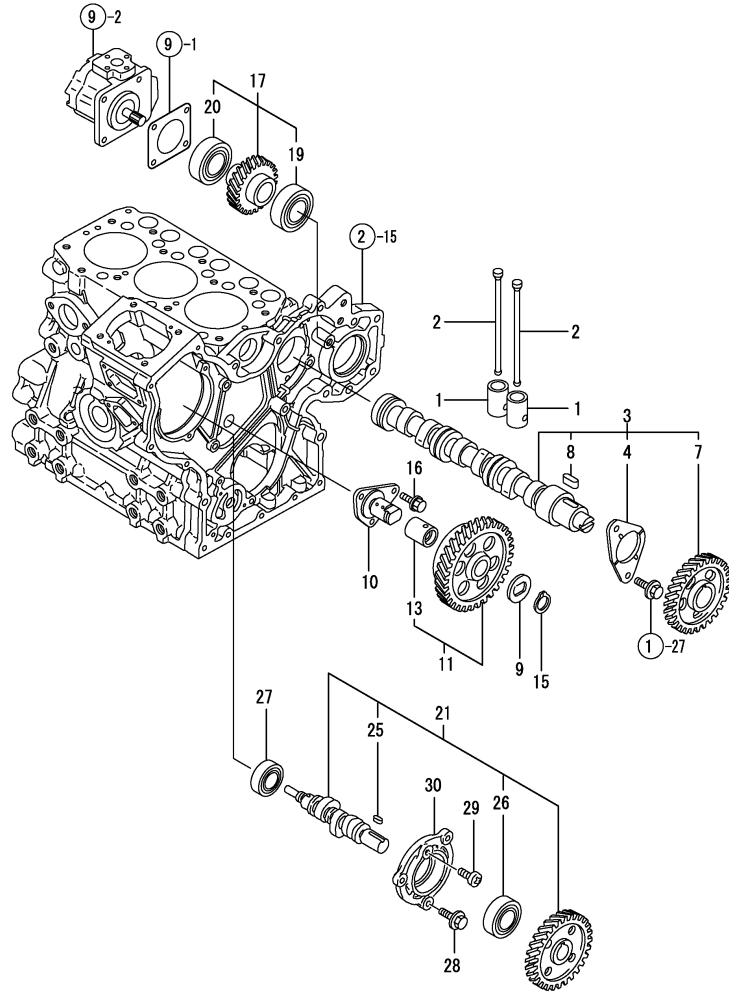
(D)=
(E)=
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119131-18320	BOLT M 8X 22	1	1						
2	1	119260-13110	GASKET, EXH.MANIFOLD	1	1						
3	1	119265-13860	BOLT M 6X 55 PLATED	4	4						
4	1	119265-13820	STUD M 6X 70 PLATED	2	2						
5	1	119265-13800	NUT M 6	2	2						
6	1	119626-13510	SILENCER	1	1						
7	1	129107-13540	PACKING,SILENCER GSK	1	1						
8	1	26306-080002	NUT	1	1						
9	1	26106-080352	BOLT M 8X 35 PLATED	1	1						
10	1	119668-13200	MANIFOLD, EXHAUST	1	1						
12	2	22351-040012	SPRING PIN 4X12	1	1						

Remarks
(REMARKS)"EFFECTIVE MACHINE NO." OF
ENGINE IS INDICATED ON THE
ENGINE LABEL WHICH IS SHOWN
IN FIG.4.

Fig.7. CAMSHAFT & DRIVING GEAR



OCNP3-G97000 7. CAMSHAFT & DRIVING GEAR

(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

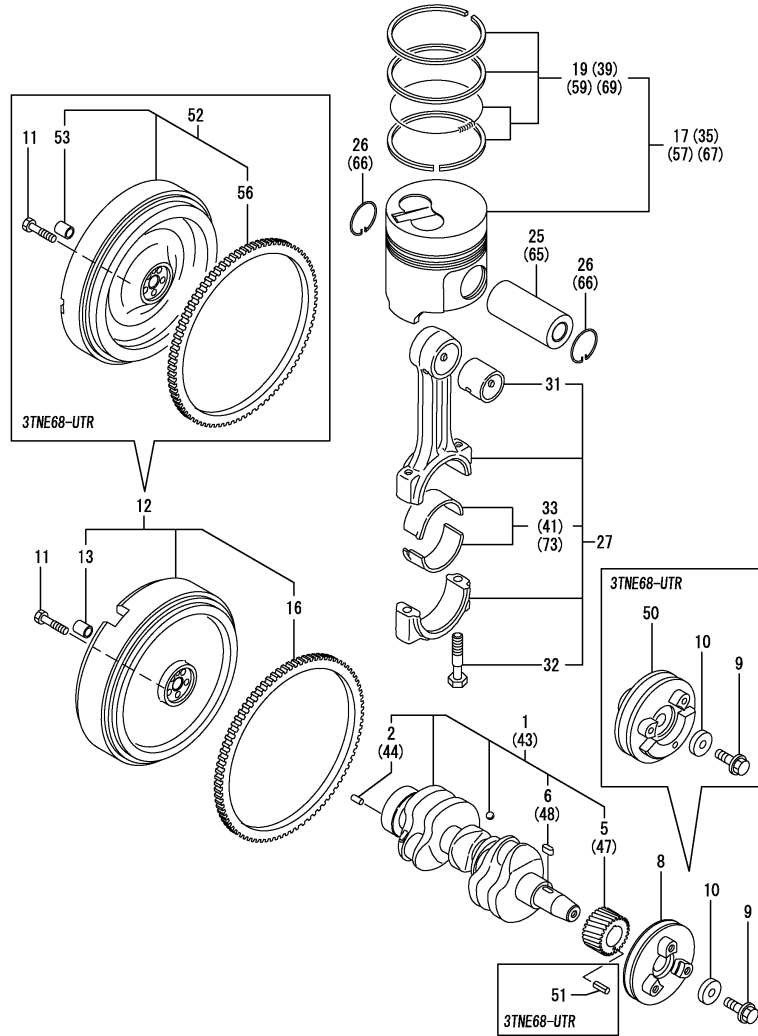
(D)=
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-14200	TAPPET	6	6						
2	1	119260-14400	ROD, PUSH	6	6						
3	1	119260-14580	CAMSHAFT ASSY	1	1						
4	2	119620-02450	BEARING, THRUST	1	1						
7	2	119260-14100	GEAR, CAMSHAFT	1	1						
8	2	22512-040120	KEY 4X 12	1	1						
9	1	119660-25022	RETAINER, IDLE GEAR	1	1						
10	1	119660-25052	SHAFT, IDLE GEAR	1	1						
11	1	119260-25100	GEAR W/BUSH, IDLE	1	1						
13	2	119620-25912	BUSH	1	1						1
15	1	22242-000200	CIRCLIP 20	1	1						
16	1	26106-060122	BOLT M 6X 12 PLATED	3	3						
17	1	119263-26001	GEAR ASSY, HYDR.PUMP	1	1						
19	2	129350-26490	BALL BEARING	1	1						
20	2	24104-060054	BALL BEARING	1	1						
21	1	119225-14200	CAM ASSY, F.I. PUMP	1	1						
25	2	22512-040120	KEY 4X 12	1	1						
26	2	24102-063034	BALL BEARING 6303U	1	1						
27	1	24101-062034	BALL BEARING	1	1						
28	1	26106-060162	BOLT M 6X 16 PLATED	3	3						
29	1	26587-080102	SCREW M 8X 10	1	1						
30	1	119660-01821	BEARING, FUEL CAM.	1	1						

Remarks

(1) REPAIR PART.
(REMARKS)"EFFECTIVE MACHINE NO." OF
ENGINE IS INDICATED ON THE
ENGINE LABEL WHICH IS SHOWN
IN FIG.4.

Fig.8. CRANKSHAFT & PISTON



Remarks
 (1) REPAIR PART.
 (2) OVER-SIZE(O.S=0.25)PART.
 (3) UNDER-SIZE(U.S=0.25)PART.
 (REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.4.

OCNP3-G97000 8. CRANKSHAFT & PISTON

(A)=3TN66-UTR
 (B)=3TNE68-UTR
 (C)=

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

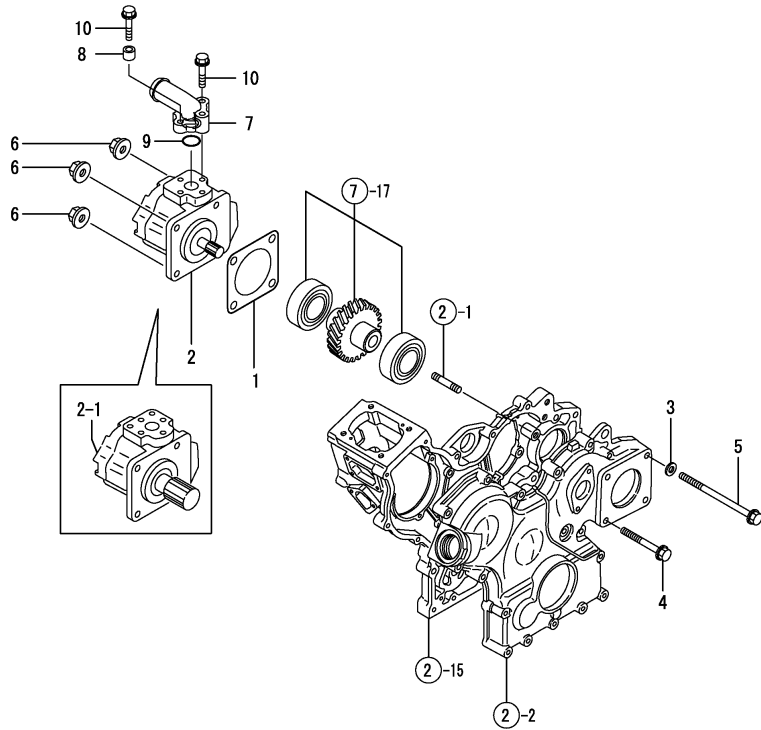
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719260-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PARALLEL PIN 8X16	1							
5	2	119260-21200	GEAR, CRANKSHAFT	1							
6	2	22512-040120	KEY 4X 12	1							
8	1	119230-21651	V-PULLEY	1							
9	1	119621-21680	BOLT M12X1.25,FLANGE	1	1						
10	1	119620-21941	WASHER	1	1						
11	1	105225-21501	BOLT, FLYWHEEL	5	5						
12	1	119462-21591	FLYWHEEL ASSY	1							
13	2	124950-21230	BUSH	1							
16	2	124060-21600	GEAR, RING	1							
17	1	119270-22091	PISTON W/RING	3							
19	2	719270-22501	RING SET	3							
25	1	119260-22300	PIN, PISTON	3							
26	1	105225-22400	CIRCLIP	6							
27	1	119265-23100	ROD ASSY, CONNECTING	3	3						
31	2	119260-73910	BUSH, PISTON PIN	3	3						1
32	2	119265-23200	BOLT, ROD	6	6						
33	2	719260-23600	BEARING, CRANKPIN	3	3						
35	1	719270-22820	PISTON W/RING OS=.25	3							2
37	2	719270-22541	RING SET O.S=0.25	3							2
41	1	719260-23610	BEARING,PIN U.S=0.25	3							3
43	1	119265-21700	CRANKSHAFT ASSY		1						
44	2	129100-01580	PARALLEL PIN 8X16		1						
47	2	119260-21200	GEAR, CRANKSHAFT		1						
48	2	22512-040120	KEY 4X 12		1						
50	1	119233-21660	PULLY, CRANKSHAFT		1						
51	1	22351-030010	SPRING PIN 3X10		1						
52	1	119668-21590	FLYWHEEL ASSY		1						
53	2	124950-21230	BUSH		1						
56	2	124060-21600	GEAR, RING		1						
57	1	119265-22601	PISTON W/RINGS		3						
59	2	119265-22500	RING SET		3						
65	1	119265-22300	PIN, PISTON		3						
66	1	22252-000200	CIRCLIP 20		6						
67	1	119265-22930	PISTON W/RING OS=.25		3						2
69	2	119265-22950	RING SET O.S=0.25		3						2
73	1	719260-23610	BEARING,PIN U.S=0.25		3						3

Fig.9. HYDRAULIC PUMP

0CNP3-G97000 9. HYDRAULIC PUMP

(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

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



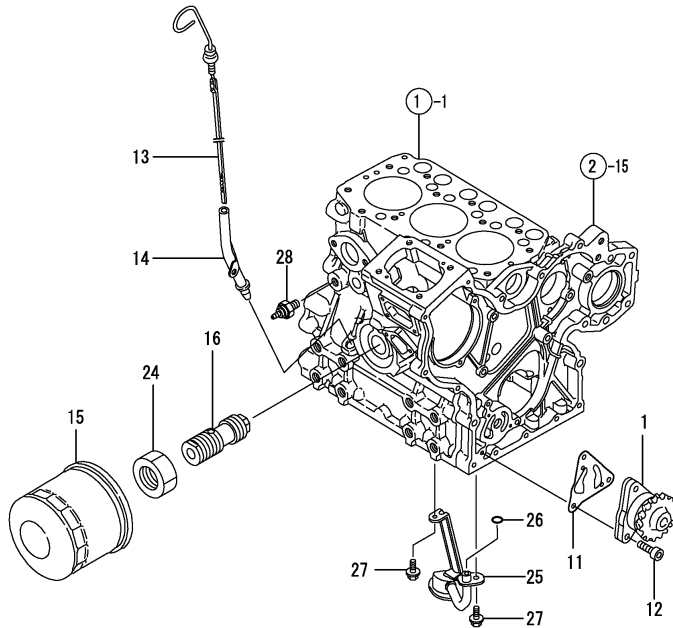
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124240-01883	GASKET, (NON-ASB.)	1	1						
2	1	119668-26000	PUMP ASSY,LUB.OIL	1	1						
I	2-1	119668-26010	PUMP, HYD.OIL	1	1						S
		(A=E86421) (B=EA3117)									
I	2-2	119668-26011	PUMP, HYD.OIL	1	1						N
		(A=*2006.08) (B=ED0116)									
3	1	22137-080000	WASHER 8, POLISHED	2	2						
4	1	26106-080702	BOLT M 8X 70 PLATED	1	1						
5	1	26116-081302	BOLT M 8X130 PLATED	2	2						
6	1	26306-080002	NUT	4	4						
7	1	119668-26610	FLANGE	1	1						
8	1	119668-26690	SPACER, FLANGE	1	1						
9	1	24311-000200	O-RING 1A P-20.0	1	1						
10	1	26106-060302	BOLT M 6X 30 PLATED	3	3						

Remarks
(REMARKS)"EFFECTIVE MACHINE NO." OF
ENGINE IS INDICATED ON THE
ENGINE LABEL WHICH IS SHOWN
IN FIG.4.

Fig.10. LUBRICATION OIL SYSTEM

(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

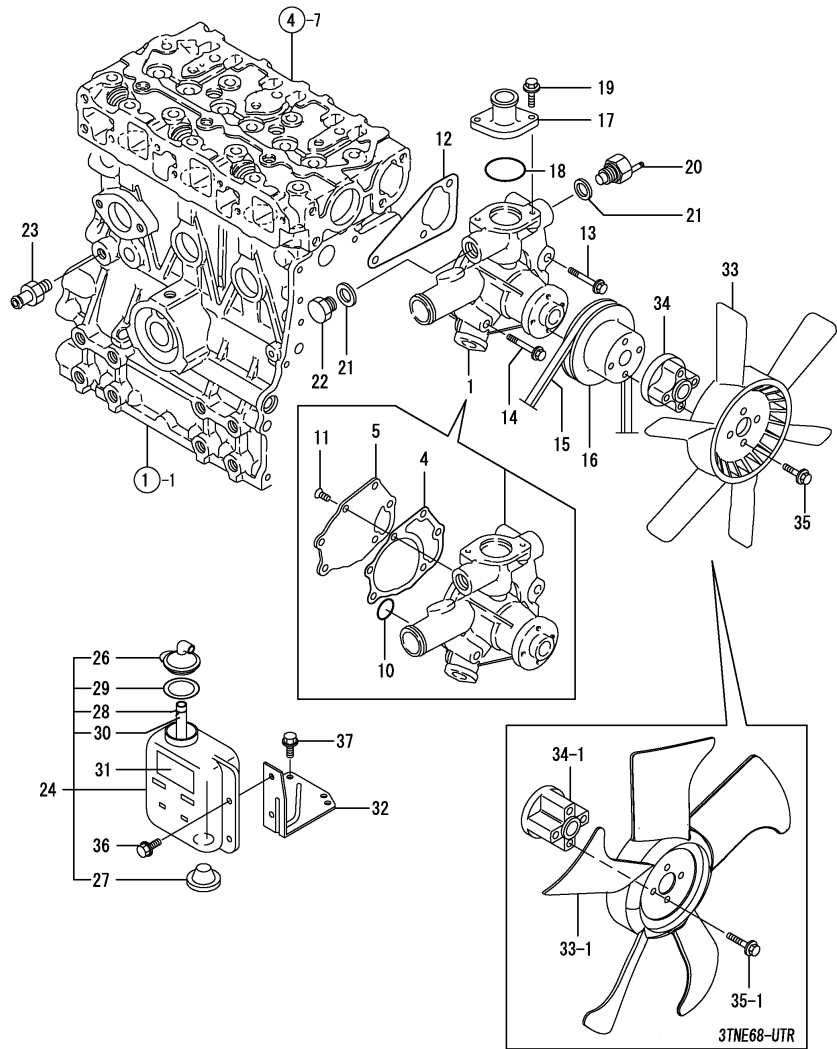
(D)=
(E)=
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-32000	PUMP ASSY, LUB. OIL	1	1						
11	1	119660-32020	GASKET, L.O.PUMP	1	1						
12	1	26450-060202	BOLT M 6X 20	3	3						
13	1	119462-34800	DIPSTICK	1	1						
14	1	119860-34810	GUIDE, DIPSTICK	1	1						
15	1	119305-35150	FILTER, LUB. OIL	1	1						
I	15-1	119305-35151	FILTER ASSY, LUB.OIL	1	1						R
		(A=E86421) (B=E99031)									
I	15-2	119305-35160	FILTER ASSY, LUB.OIL	1	1						R
		(A=E088209) (B=E0C1043)									
16	1	119225-35300	VALVE ASSY,OIL PRESS	1	1						
24	1	129150-35350	NUT	1	1						
25	1	119462-35080	PIPE ASSY, L.O.INLET	1	1						
26	1	119209-35030	O-RING	1	1						
27	1	26106-060122	BOLT M 6X 12 PLATED	2	2						
I	27-1	26106-060102	BOLT 6X 10 PLATED	2	2						N
		(A=EXXX) (B=EXXX)									
28	1	114250-39450	SWITCH,(0.5KG)L.O.	1	1						

Remarks
(REMARKS)"EFFECTIVE MACHINE NO." OF
ENGINE IS INDICATED ON THE
ENGINE LABEL WHICH IS SHOWN
IN FIG.4.

Fig.11. COOLING WATER SYSTEM



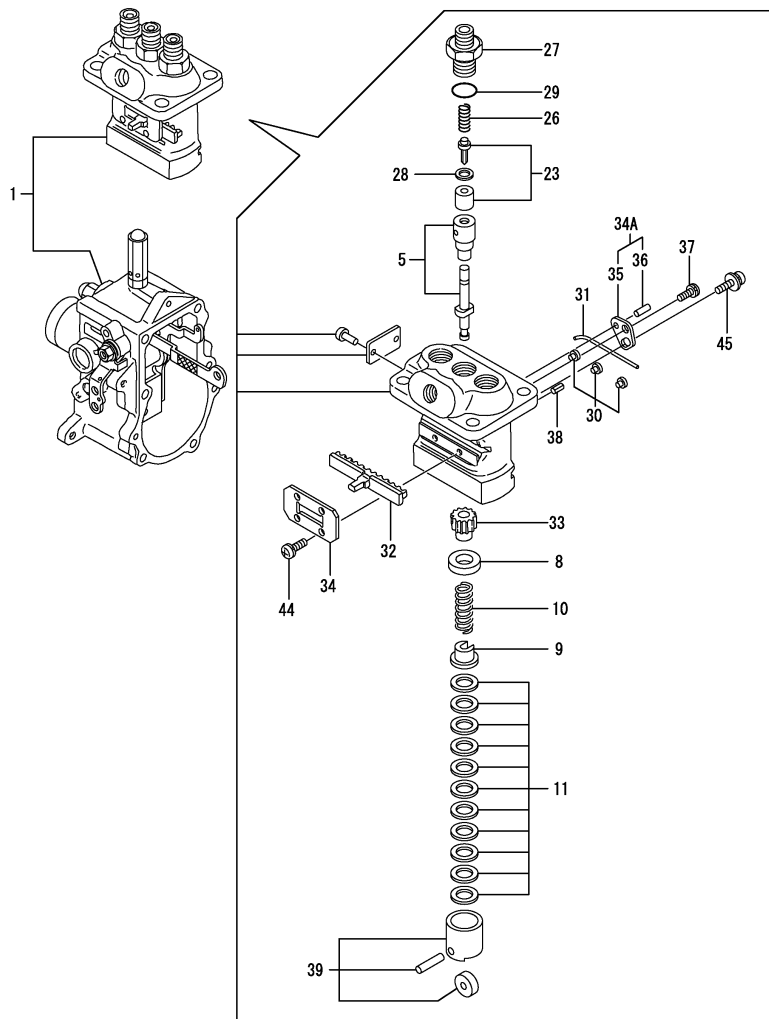
Remarks
 (REMARKS)"EFFECTIVE MACHINE NO." OF
 ENGINE IS INDICATED ON THE
 ENGINE LABEL WHICH IS SHOWN
 IN FIG.4.

(A)=3TN66-UTR
 (B)=3TNE68-UTR
 (C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119260-42003	PUMP ASSY, C. WATER	1	1						
I	1-1	119260-42004	PUMP ASSY, C.W.	1	1						R
		(A=E90917) (B=E90917)									
I	4	2 119285-42052	GASKET	1	1						
I	4-1	2 119285-42051	GASKET, WATER PUMP	1	1						N
		(A=E86421) (B=E94072)									
I	5	2 119285-42120	PLATE	1	1						
	10	2 119209-42320	O-RING P21	1	1						
I	11	2 26577-060122	SCREW M 6X 12	3	3						
	12	1 119260-42021	GASKET, C.W.	1	1						
	13	1 26106-080452	BOLT M 8X 45 PLATED	2	2						
	14	1 26106-080402	BOLT M 8X 40 PLATED	1	1						
	15	1 119620-42291	V-BELT	1	1						
	16	1 119620-42350	V-PULLEY, C.W. PUMP	1	1						
	17	1 119260-49530	COVER, THERMOSTAT	1	1						
	18	1 119209-42140	O_RING,COVER_THERMOS	1	1						
	19	1 26106-060182	BOLT M 6X 18 PLATED	2	2						
	20	1 121250-44901	SWITCH, THERMO(110 C	1	1						
	21	1 124465-44950	GASKET 16	2	2						
	22	1 121450-42450	PLUG M16	1	1						
	23	1 121550-49111	JOINT PT1/4	1	1						
	24	1 121468-44510	SUB-TANK ASSY	1	1						
	26	2 121450-44531	CAP	1	1						
	27	2 121468-44540	PLUG, SUB-TANK	1	1						
	28	2 124450-44560	CLAMP	1	1						
	29	2 121470-44581	GASKET	1	1						
	30	2 23065-070130	PIPE 7X 130	1	1						
	31	1 124764-44810	LABEL,SUB-TANK	1	1						
	32	1 119462-44600	BRACKET,SUB-TANK	1	1						
	33	1 121465-44740	FAN, COOLING	1	1						
I	33-1	1 119258-44740	FAN(D300,SUCTION		1						N
		(B=E90917)									
	34	1 129457-44760	SPACER, FAN	1	1						
I	34-1	1 129030-44760	SPACER		1						N
		(B=E90917)									
	35	1 26106-060402	BOLT M 6X 40 PLATED	4	4						
I	35-1	1 26106-060502	BOLT M 6X 50 PLATED		4						N
		(B=E90917)									
	36	1 26106-060122	BOLT M 6X 12 PLATED	2	2						
	37	1 26106-060122	BOLT M 6X 12 PLATED	2	2						

Fig.12. FUEL OIL INJECTION PUMP



Remarks
 (1) GOVERNOR ASSY(FIG.NO.13) IS INCORPORATED IN THIS FUEL INJECTION PUMP ASSY(REF.NO.1) (REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.4.

0CNP3-G97000 12. FUEL OIL INJECTION PUMP

(A)=3TN66-UTR
 (B)=3TNE68-UTR
 (C)=

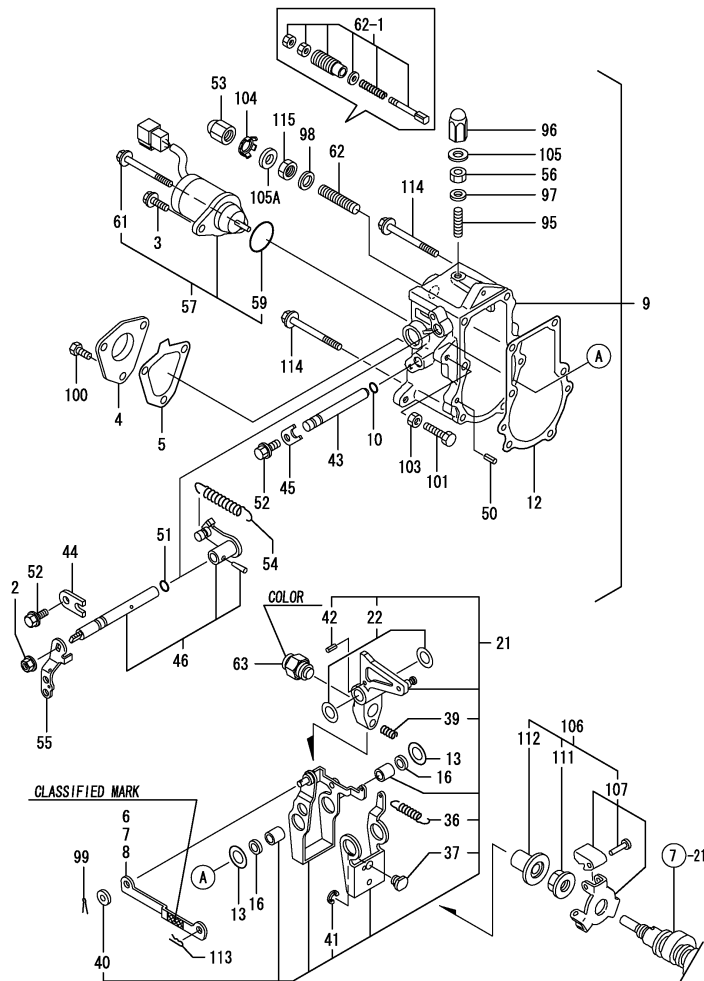
(D)=
 (E)=
 (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719668-51700	FIE(SERVICE ASSY	1	1						1
I 1-1	1	719668-51701	FIE(SERVICE ASSY		1						N 1
		(B=E90917)									
5	2	119225-51100	PLUNGER W/BARREL	3	3						
8	2	119620-51170	RETAINER	3	3						
9	2	119620-51180	RETAINER	3	3						
10	2	119620-51190	SPRING, PLUNGER	3	3						
11	2	119620-51250	SHIM PACK	3	3						
23	2	119225-51300	VALVE W/SEAT, DELIV.	3	3						
26	2	105546-51330	SPRING, DELIV. VALVE	3	3						
27	2	119620-51340	HOLDER, DELIV. VALVE	3	3						
28	2	119620-51350	GASKET, DELIVERY	3	3						
29	2	119620-51370	O-RING	3	3						
I 29-1	2	24316-000125	O-RING 4D P-12.5	3	3						N
		(A=E88991) (B=EC7879)									
30	2	119620-51450	GUIDE, PLUNGER	3	3						
31	2	119620-51461	PIN	1	1						
32	2	119660-51500	RACK	1	1						
33	2	119620-51510	PINION	3	3						
34	2	119660-51530	RETAINER, RACK	1	1						
I 34A	2	119620-51640	PLATE ASSY,ADJUSTING	1	1						W
		(A=EXXX) (B=EXXX)									
I 35	3	119620-51650	PLATE	2	2						
I 36	3	119620-51670	PIN	2	2						
I 37	2	119620-51660	SCREW	2	2						
38	2	119620-51680	PIN	1	1						
39	2	119620-51700	TAPPET ASSY	3	3						
44	2	26022-040082	SCREW M 4X 8	4	4						
45	2	26033-040102	SCREW M 4X 10	2	2						

Fig.13. GOVENOR

(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

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



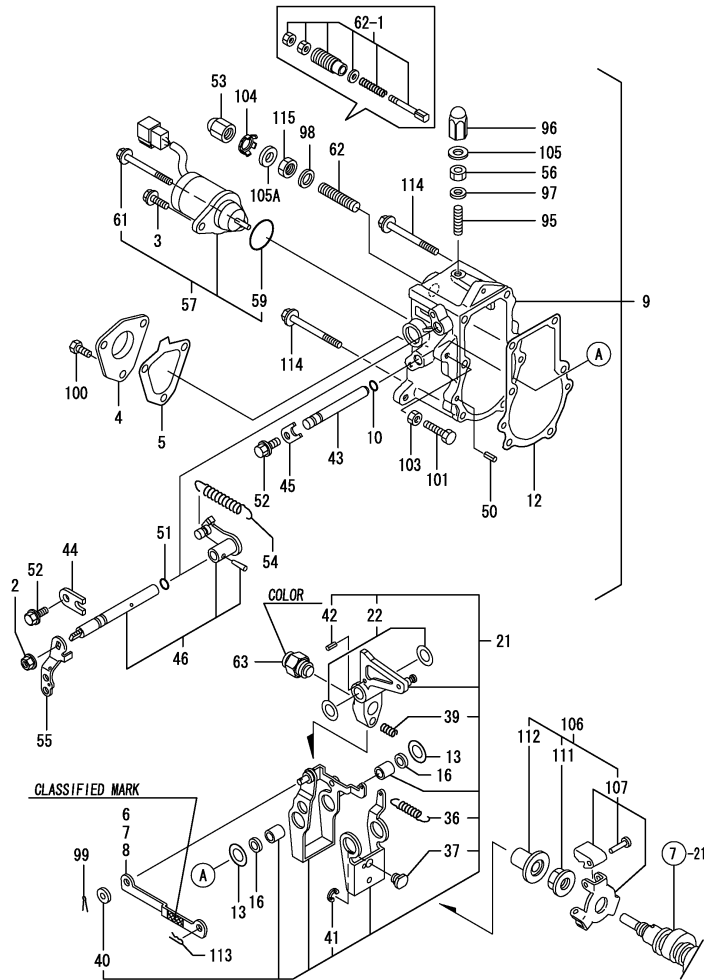
Remarks
 (1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REFER TO ILLUSTRATION)
 (3) COLOR =REF.NO.63 VIOLET, 63-1 WHITE.
 * THIS FIGURE(GOVERNOR ASSY) IS INCORPORATED IN THE FUEL INJECTION PUMP ASSY(FIG.12).

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	194990-22050	NUT W/WASHER 8	1	1						
3	2	121465-59950	BOLT M 6X 16, PLATED	1	1						
4	2	119660-61060	COVER, GOVERNOR CASE	1	1						
5	2	119660-61071	GASKET, (NON-ASB.)	1	1						
6	2	119660-61121	LINK L=88.8(NO COLOR)	1	1						1
I 6-1	2	119660-61122	LINK L=88.8(NO COLOR)	1	1						R 1
		(A=E86421) (B=E94072)									
7	2	119660-61140	LINK L=88.6(WHITE)	1	1						1
I 7-1	2	119660-61141	LINK L=88.6(WHITE)	1	1						R 1
		(A=E86421) (B=E94072)									
8	2	119660-61150	LINK L=89.0(RED)	1	1						1
I 8-1	2	119660-61151	LINK L=89.0(RED)	1	1						R 1
		(A=E86421) (B=E94072)									
9	2	119632-61200	CASE ASSY, GOVERNOR	1	1						
10	3	129155-51280	O-RING S6	1	1						
12	3	119660-61052	GASKET, (NON-ASB.)	1	1						2
I 12-1	3	119660-61053	GASKET, (NON-ASB.)	1	1						S 2
		(A=E86421) (B=E94072)									
13	3	119660-61460	SHIM SET	2	2						
I 13-1	3	129156-61500	SHIM T=0.5	1	1						N
		(A=E86421) (B=E94072)									
16	3	129155-61480	SPACER ASSY	2	2						
I 16-1	3	119632-61500	SHIM SET	1	1						N
		(A=E86421) (B=E94072)									
21	3	119232-61510	LEVER ASSY, GOVERNOR	1	1						
22	4	174307-51700	SHIM SET	2	2						
36	4	119232-61540	SPRING, LEVER	1	1						
37	4	119600-61541	SHIFTER,P.T.O.	1	1						
39	4	119660-61651	SPRING, STARTING	1	1						
40	4	22117-040000	WASHER 4	1	1						
41	4	22272-000040	CIRCLIP E- 4	1	1						
42	4	22351-030014	SPRING PIN 3X14	1	1						
43	3	119660-61590	SHAFT	1	1						
44	3	119600-61900	RETAINER, SHAFT	1	1						
45	3	119660-61901	RETAINER, SHAFT	1	1						
46	3	119285-66080	SHAFT ASSY,REGULATOR	1	1						
50	3	22351-040010	SPRING PIN 4X10	2	2						
51	3	24341-000070	O-RING 1A S-7.0	1	1						
52	3	26106-060102	BOLT 6X 10 PLATED	2	2						
53	2	129100-61930	NUT, CAP	1	1						
54	2	119600-66010	SPRING, REGULATOR	1	1						
55	2	119621-66051	LEVER, REGULATOR	1	1						
56	2	26857-060002	NUT	1	1						
57	2	119653-66500	ENGINE STOP DEVICE	1	1						
59	3	24341-000280	O-RING 1A S-28.0	1	1						
I 59-1	3	158552-61900	O-RING	1	1						R
		(A=*2006.08) (B=ED0116)									
61	3	119620-01530	SOLENOID, BOLT	1	1						
62	2	120323-61470	BOLT, CONTROL	1	1						
I 62-1	2	119629-66510	TORQUE SPRING ASSY	1							S
		(B=E90917)									

Fig.13. GOVENOR

(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

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

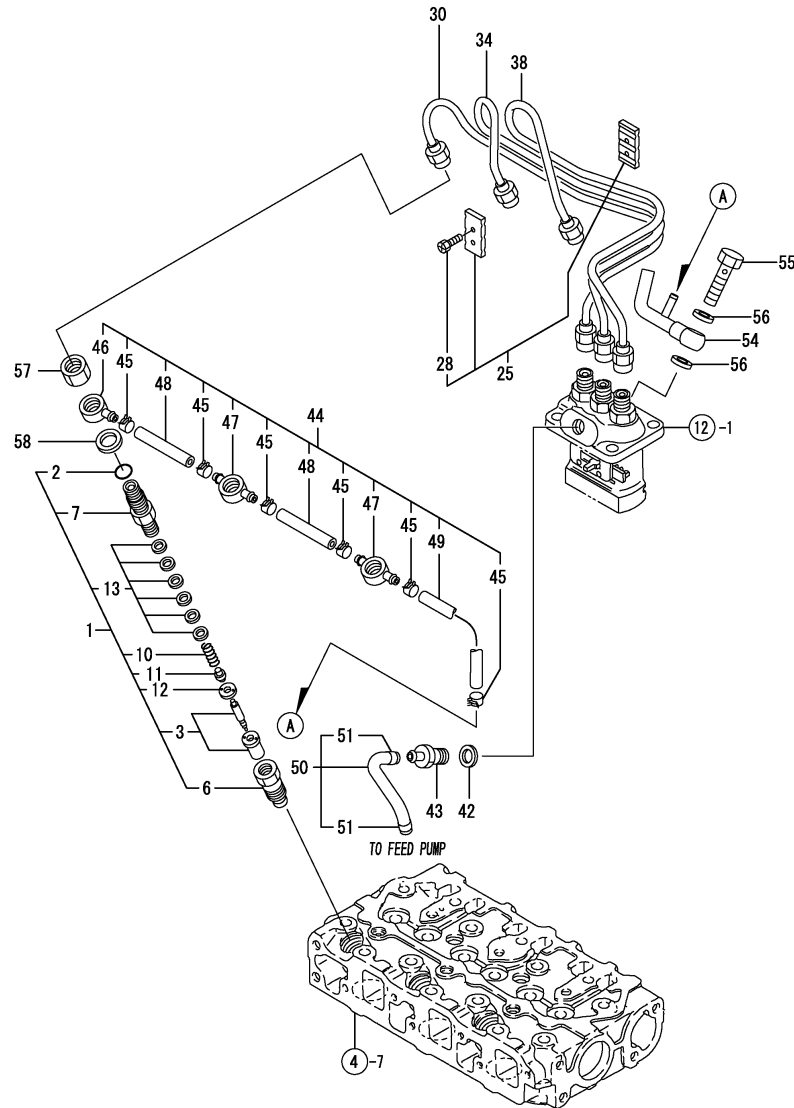


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
63	2	119600-66720	ANGLEIGH ASSY	1	1						3
I 63-1	2	119654-66700	ANGLEIGH ASSY		1						S 3
		(B=E90917)									
95	2	121575-66830	SCREW, ADJUST	1	1						
96	2	119285-66600	CAPNUT M6	1	1						
97	2	22190-060003	SEAL WASER 6	1	1						
98	2	22190-120002	SEAL WASHER 12	1	1						
99	2	22360-040000	SNAP PIN 4	1	1						
100	2	26116-050102	BOLT M 5X 10 PLATED	3	3						
I 100-1	2	26106-050102	BOLT M 5X 10 PLATED	3	3						N
		(A=E87369) (B=EA8010)									
101	2	119266-61460	BOLT,LOW IDLE SET	1	1						
103	2	26756-060002	LOCK NUT 6	1	1						
104	2	129209-61970	PLATE	1	1						
105	2	119285-66620	GASKET M6	1	1						
I 105A	2	23414-120016	GASKET 12	1	1						W
		(A=E84965) (B=E84951)									
106	1	119600-61100	DRIVING SET, GOV.	1	1						
107	2	119600-61200	WEIGHT ASSY, GOV.	1	1						
111	2	119660-61300	NUT, GOVERNOR WEIGHT	1	1						
112	2	119660-61341	SLEEVE, GOVERNOR	1	1						
113	1	22360-060000	SNAP PIN 6	1	1						
114	1	26106-060702	BOLT M 6X 70 PLATED	5	5						
115	1	26736-120002	NUT M12	1	1						

Remarks

(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REFER TO ILLUSTRATION)
 (3) COLOR =REF.NO.63 VIOLET, 63-1 WHITE.
 * THIS FIGURE(GOVERNOR ASSY) IS INCORPORATED IN THE FUEL INJECTION PUMP ASSY(FIG.12).

Fig.14. FUEL OIL INJECTION VALVE



OCNP3-G97000 14. FUEL OIL INJECTION VALVE

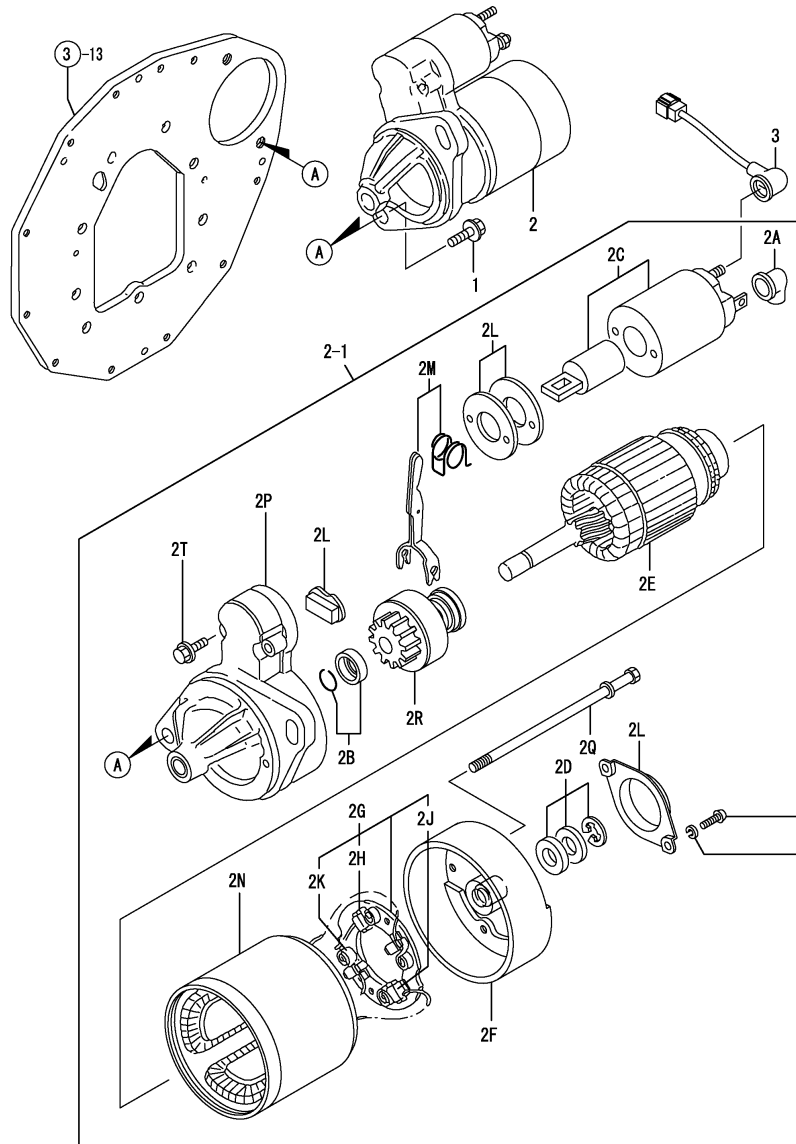
(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719255-53100	FUEL INJECT.VALVE AS	3	3						
2	2	129155-61830	O-RING S10	3	3						
I	2-1	158552-51930	O-RING,4D S10	3	3						N
		(A=EXXX) (B=EXXX)									
3	2	119620-53000	NOZZLE ASSY,F.INJECT	3	3						
6	2	119620-53080	NUT, VALVE W/CASE	3	3						
7	2	119255-53100	HOLDER,NOZZLE	3	3						
10	2	119620-53120	SPRING, VALVE	3	3						
11	2	114250-53130	SEAT, NOZZLE SPRING	3	3						
12	2	119620-53140	SPACER, VALVE STOP	3	3						
13	2	114250-53400	SHIM PACK	3	3						
25	1	129150-59120	RETAINER, INJ. PIPE	1	1						
28	2	129150-59131	BOLT M4X14,HEX.SCKT.	2	2						
30	1	119209-59810	PIPE (1),FUEL INJECT	1	1						
34	1	119209-59820	PIPE (2),FUEL INJECT	1	1						
38	1	119209-59830	PIPE (3),FUEL INJECT	1	1						
42	1	104200-59170	GASKET 12	1	1						
43	1	119462-59150	JOINT	1	1						
44	1	119668-59550	PIPE ASSY, RETURN	1	1						
45	2	124066-59100	CLAMP 8	6	6						
46	2	119260-59520	JOINT (B)	1	1						
47	2	119260-59530	JOINT (A)	2	2						
48	2	105025-59550	PIPE, FUEL RETURN	2	2						
49	2	105225-59240	PIPE, FUEL OIL	1	1						
50	1	119668-59010	PIPE ASSY, FUEL OIL	1	1						
51	2	124766-59050	CLAMP 12	2	2						
I	54	119356-59571	JOINT, OVER FLOW	1	1						
I	55	119266-59580	BOLT 8,PIPE JOINT	1	1						
I	56	22190-080002	SEAL WASHER 8S	2	2						
57	1	119620-59700	NUT	3	3						
58	1	23414-140000	GASKET 14, ROUND	3	3						

Remarks
(REMARKS)"EFFECTIVE MACHINE NO." OF
ENGINE IS INDICATED ON THE
ENGINE LABEL WHICH IS SHOWN
IN FIG.4.

Fig.15. STARTING MOTOR



0CNP3-G97000 15. STARTING MOTOR

(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

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

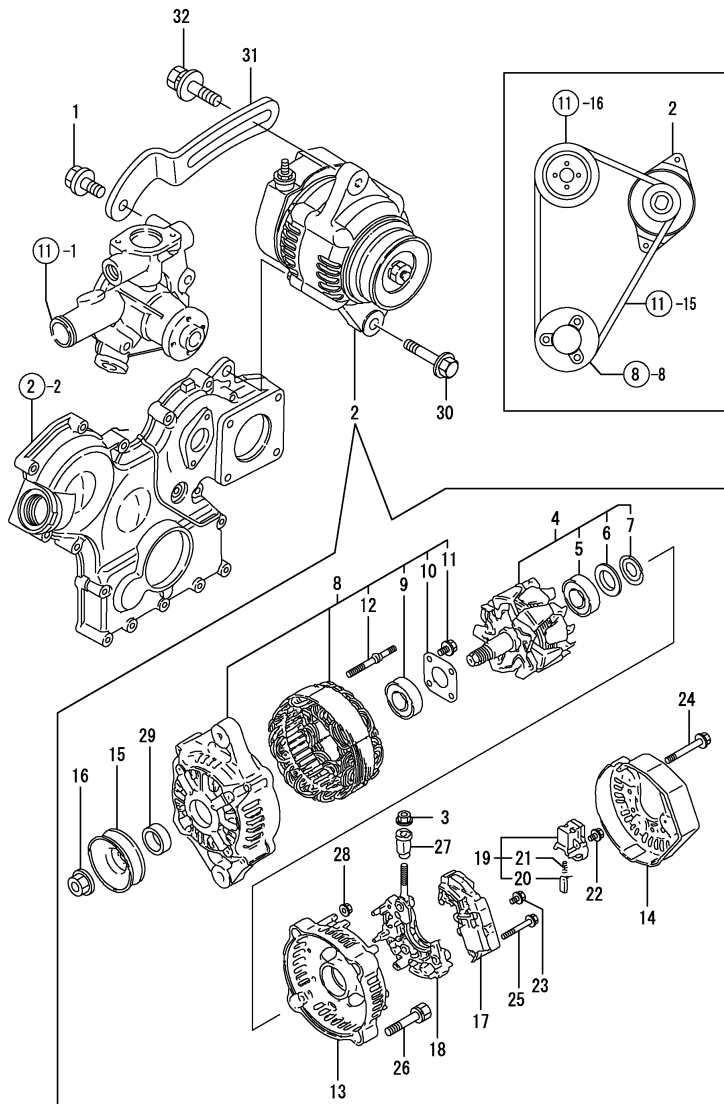
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
	1	26106-100402	BOLT M10X 40 PLATED	2	2						
	1	119668-77019	STARTER, 0.9KW	1	1						
I	2-1	119865-77013	STARTER	1	1						N
		(A=E85534) (B=E90917)									
I	2A	X2114274200	COVER, TERMINAL	1	1						W
		(A=E85534) (B=E90917)									
I	2B	X2114715500	STOPPER SET, PINION	1	1						W
		(A=E85534) (B=E90917)									
I	2C	X2114676180	SWITCH, MAGNET	1	1						W
		(A=E85534) (B=E90917)									
I	2D	X2114811000	WASHER KIT, THRUST	1	1						W
		(A=E85534) (B=E90917)									
I	2E	114371-77110	ARMATURE	1	1						W
		(A=E85534) (B=E90917)									
I	2F	114371-77140	COVER ASSY, REAR	1	1						W
		(A=E85534) (B=E90917)									
I	2G	114371-77160	HOLDER ASSY, BRUSH	1	1						W
		(A=E85534) (B=E90917)									
I	2H	114371-79040	BRUSH (-)	2	2						W
		(A=E85534) (B=E90917)									
I	2J	114371-79050	BRUSH (+)	1	1						W
		(A=E85534) (B=E90917)									
I	2K	114371-79060	SPRING, BRUSH	4	4						W
		(A=E85534) (B=E90917)									
I	2L	114371-77170	COVER KIT, DUST	1	1						W
		(A=E85534) (B=E90917)									
I	2M	114371-77180	SHIFT LEVER KIT	1	1						W
		(A=E85534) (B=E90917)									
I	2N	124097-77710	YOKE ASSY.	1	1						W
		(A=E85534) (B=E90917)									
I	2P	119865-77760	CASE COMP.,GEAR	1	1						W
		(A=E85534) (B=E90917)									
I	2Q	124195-77770	THROUGH BOLT	2	2						W
		(A=E85534) (B=E90917)									
I	2R	119865-77780	PINION COMPL.	1	1						W
		(A=E85534) (B=E90917)									
I	2T	114371-79070	BOLT M 6X 37	2	2						W
		(A=E85534) (B=E90917)									
I	3	119626-77900	HARNES, WIRE	1	1						W
		(A=E85534) (B=E90917)									

Remarks
(REMARKS)"EFFECTIVE MACHINE NO." OF
ENGINE IS INDICATED ON THE
ENGINE LABEL WHICH IS SHOWN
IN FIG.4.

Fig.16. GENERATOR

(A)=3TN66-UTR
(B)=3TNE68-UTR
(C)=

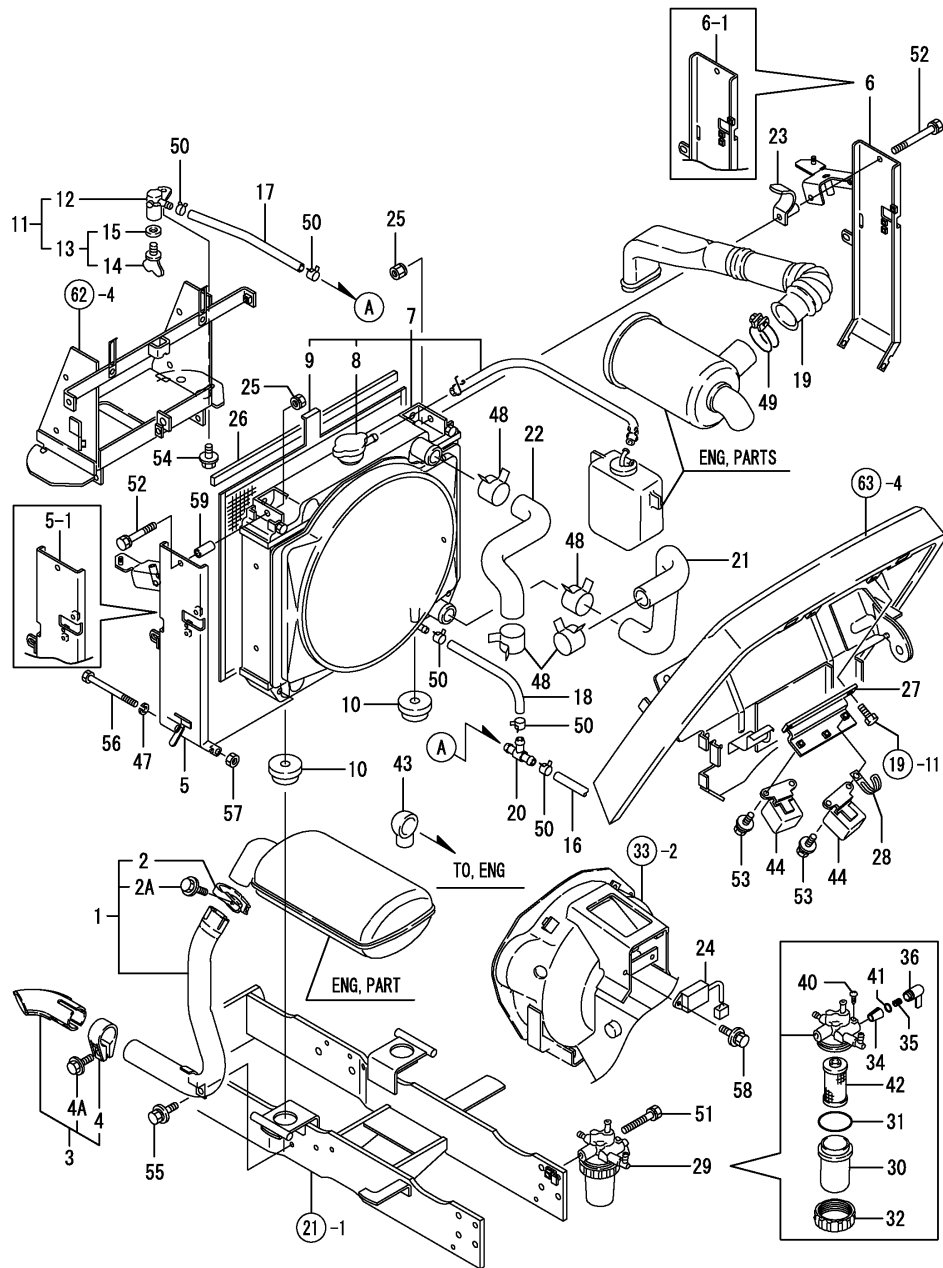
(D)=
(E)=
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-080162	BOLT M 8X 16 PLATED	1	1						
2	1	119620-77201	GENERATOR	1	1						
3	2	X9490561001	NUT	1	1						
4	2	119620-77380	ROTOR ASSY	1	1						
5	3	119620-79240	BALL BEARING	1	1						
I	5-1	3	123501-79240	BEARING, BALL	1	1					N
		(A=EXXX)	(B=EXXX)								
6	3	119620-79250	COVER, BEARING	1	1						
7	3	119620-79360	THRUST WASHER	1	1						
8	2	119620-77421	FLAME ASSY, DRIVE	1	1						
9	3	119620-79200	BALL BEARING	1	1						
10	3	119620-79210	PLATE	1	1						
11	3	119620-79220	SCREW	4	4						
12	3	119620-79230	BOLT, STUD	2	2						
13	2	119620-77440	FLAME ASSY, REAR	1	1						
14	2	119620-77450	COVER	1	1						
15	2	119620-77461	PULLEY	1	1						
16	2	119620-77471	NUT	1	1						
17	2	119620-77710	REGULATOR ASSY	1	1						
18	2	119620-79260	HOLDER	1	1						
19	2	119620-79270	HOLDER, BRUSH	1	1						
20	3	119620-77480	BRUSH ASSY	2	2						
21	3	119620-79280	SPRING	2	2						
22	2	119620-79290	SCREW	6	6						
23	2	119620-79300	SCREW	1	1						
24	2	119620-79310	BOLT	3	3						
25	2	119620-79320	SCREW W/WASHER	2	2						
26	2	119620-79330	BOLT	2	2						
27	2	119620-79340	INSULATION BUSH	1	1						
28	2	119620-79350	NUT	2	2						
29	2	119620-77490	COLLAR	1	1						
30	1	26106-100452	BOLT M10X 45 PLATED	1	1						
31	1	119650-77330	ADJUSTER, V-BELT	1	1						
32	1	26014-080252	BOLT M 8X 25	1	1						

Remarks
(REMARKS)"EFFECTIVE MACHINE NO." OF
ENGINE IS INDICATED ON THE
ENGINE LABEL WHICH IS SHOWN
IN FIG.4.

Fig.17. ENGINE ACCESSORIES



OCNP3-G97000 17. ENGINE ACCESSORIES

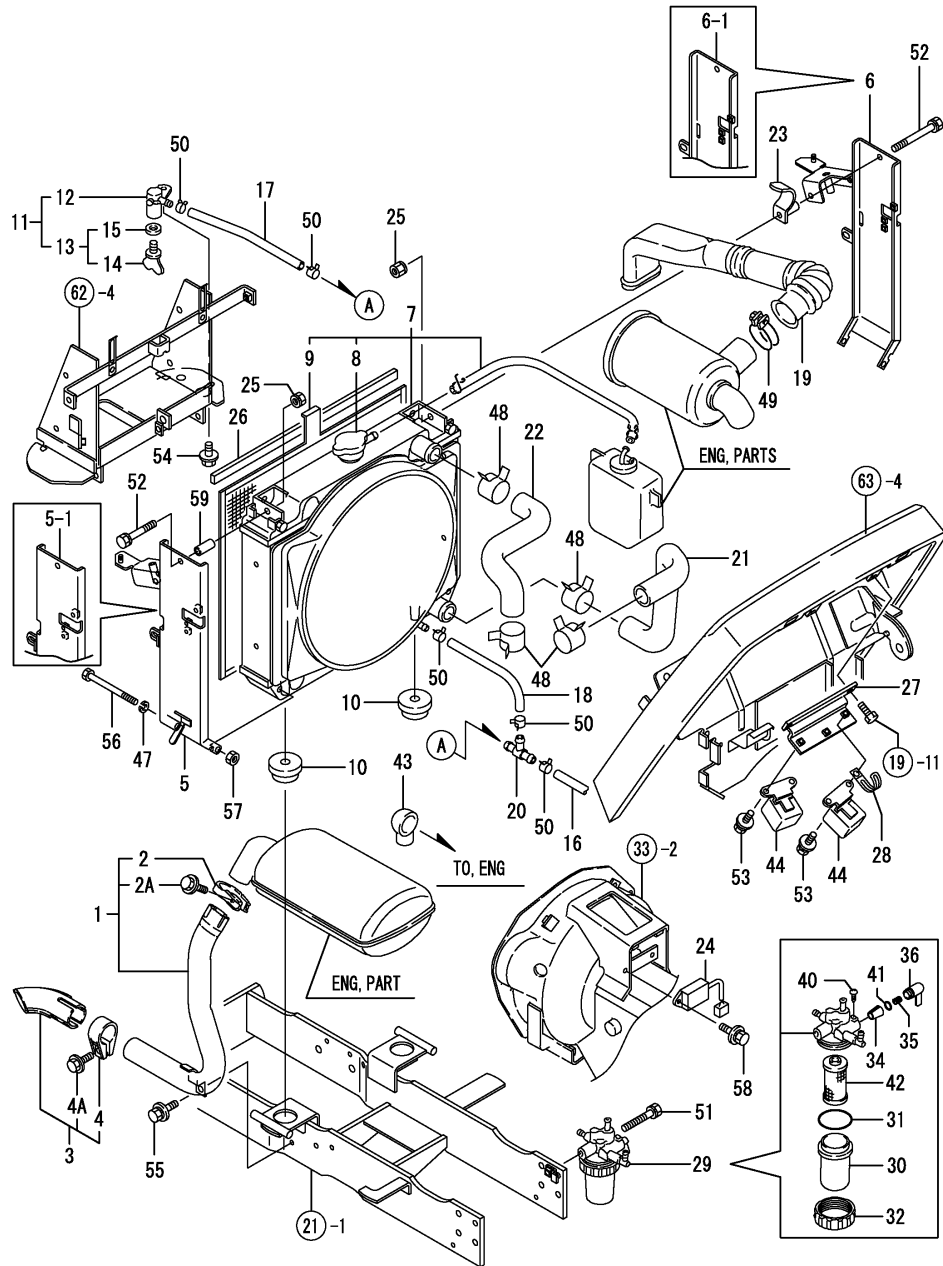
(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198162-00510	PIPE,EXHAUST	1	1						
2	2	119650-13620	CLAMP, EXHAUST PIPE	1	1						
I 2A	2	26106-080252	BOLT M 8X 25 PLATED	1	1						W
3	1	198162-00520	EXTENSION,END	1	1						
4	2	119650-13620	CLAMP, EXHAUST PIPE	1	1						
I 4A	2	26106-080252	BOLT M 8X 25 PLATED	1	1						W
5	1	198163-00580	SUPPORT ASSY, L	1	1						
I 5-1	1	198163-00581	SUPPORT ASSY, L	1	1						S
6	1	198163-00590	SUPPORT ASSY, R	1	1						
I 6-1	1	198163-00591	SUPPORT ASSY, R	1	1						S
7	1	198162-00601	RADIATOR	1	1						
8	2	129107-44590	CAP, RADIATOR	1	1						
9	2	198162-00860	SCREEN,DESTPROOF	1	1						
10	1	198162-00640	SUPPORT	2	2						
11	1	198421-00640	COCK COMP.,2-WAY	1	1						
12	2	198421-00650	BODY,2-WAY COCK	1	1						
13	2	129150-49080	COCK, DRAIN	1	1						
14	3	119629-49070	COCK, DRAIN	1	1						
15	3	119629-49080	GASKET	1	1						
16	1	198162-00660	PIPE 350,WATER DRAIN	1	1						
17	1	198162-00670	PIPE 250,WATER DRAIN	1	1						
18	1	198421-00670	PIPE B,DRAIN	1	1						
19	1	198421-00681	PIPE,SUC.EXTENSION	1	1						
20	1	198162-00710	PIPE,3-WAY	1	1						
21	1	198162-00720	PIPE L 66,COOL.WATER	1	1						
22	1	198162-00730	PIPE U 66,COOL.WATER	1	1						
23	1	198163-00770	STAY,SUC.EXTENS.PIPE	1	1						
24	1	1E8665-05100	UNIT TIMER	1	1						
25	1	194990-22050	NUT W/WASHER 8	2	2						
26	1	121454-44590	PAD	1	1						
27	1	198163-51310	STAY, RELAY	1	1						
28	1	194440-51630	CLAMP, WIRE HARNESS	1	1						
29	1	119462-55620	STRAINER, FUEL	1	1						
30	2	124064-55510	BOWL, FUEL STRAINER	1	1						
31	2	102103-55520	O-RING	1	1						
32	2	110250-55610	RING, RETAINING	1	1						
34	2	104200-55321	VALVE, TAPER	1	1						
35	2	104200-55330	SPRING, TAPER VALVE	1	1						
36	2	119810-55340	LEVER	1	1						
40	2	104200-55750	SCREW M 4	1	1						
41	2	24311-240100	O-RING 1A P-10A	1	1						
42	2	104500-55710	ELEMENT, FUEL	1	1						
43	1	124160-77020	COVER, TERMINAL	1	1						
44	1	119650-77910	RELAY, GROW	2	2						
47	1	22287-080000	LOCKING WASHER	2	2						
48	1	175022-49730	CRIP 31, HOSE	4	4						
49	1	23010-050000	CLAMP 50	1	1						

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 ++
 (C)Copy Rights YANMAR CO.,LTD.

Fig.17. ENGINE ACCESSORIES

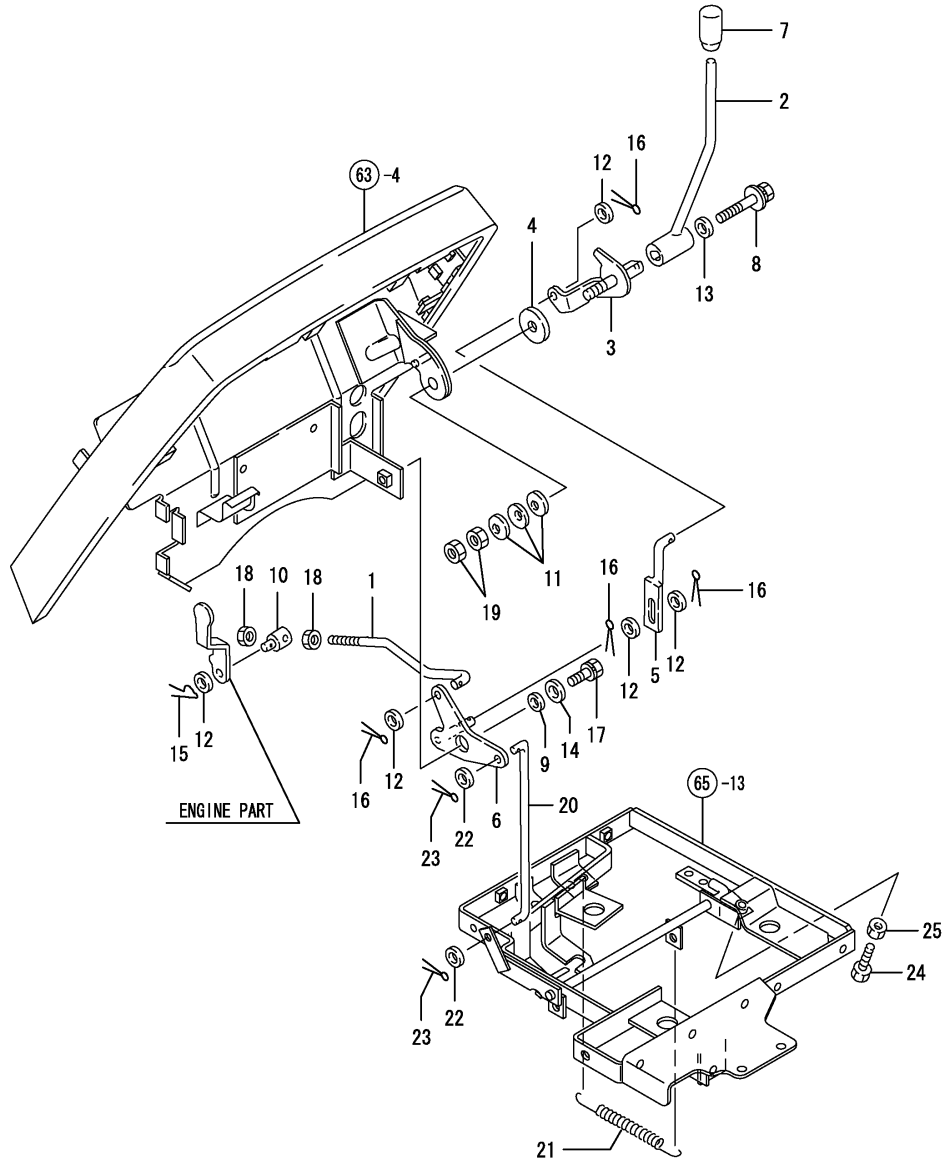


(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
50	1	23080-012000	CLAMP 12	6	6						
51	1	26013-080652	BOLT M 8X 65	1	1						
52	1	26016-080502	BOLT M 8X 50	2	2						
53	1	26018-060162	BOLT M6X16	3	3						
54	1	26018-080162	BOLT M 8X 16	1	1						
55	1	26018-080202	BOLT M 8X 20	1	1						
56	1	26116-081052	BOLT M 8X105 PLATED	2	2						
57	1	26716-080002	NUT M 8	2	2						
58	1	26018-060162	BOLT M6X16	1	1						
59	1	198162-00770	PIPE 30	1	1						

Fig.18. ACCEL LEVER



0CNP3-G97000 18. ACCEL LEVER

(A)=KE-140
(B)=KE-160
(C)=

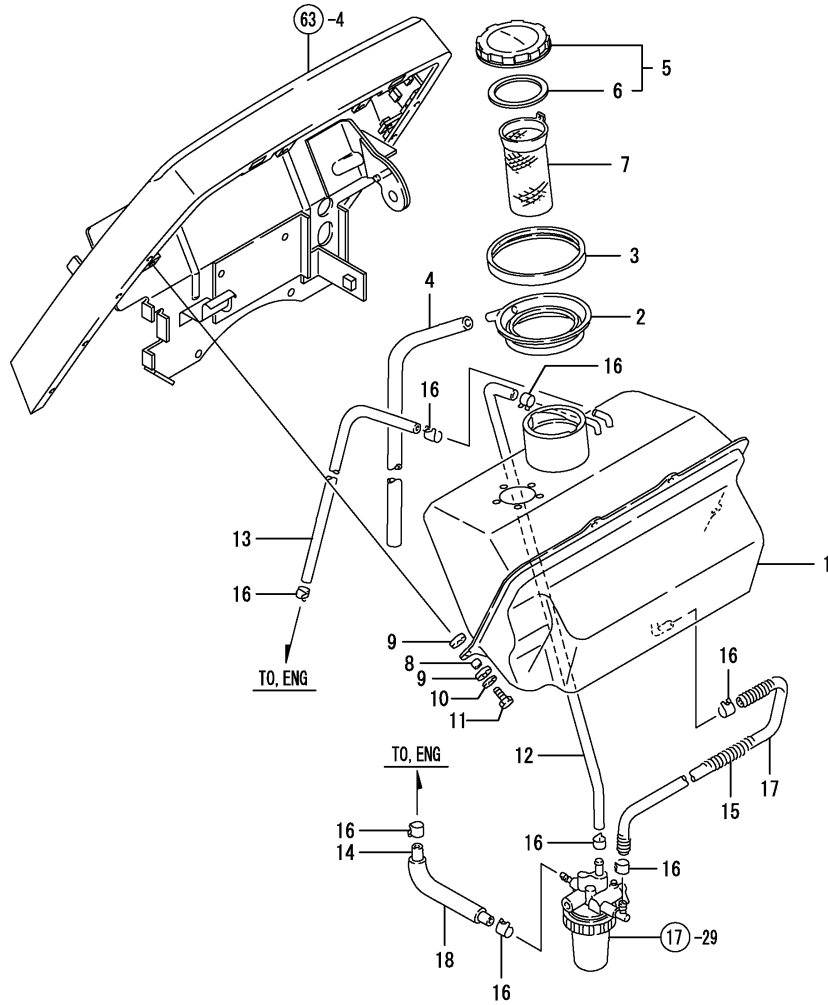
(D)=
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-00850	LINK, ACCELERATOR	1	1						
2	1	198421-01110	LEVER, ACCELERATOR	1	1						
3	1	198421-01120	SHAFT, ACCELERATOR	1	1						
4	1	198165-01130	PLATE, FRICTION	1	1						
5	1	198421-01130	LINK, ACCELERAT. LEVER	1	1						
6	1	198421-01140	PLATE, ACCELERAT. LOCK	1	1						
7	1	194150-01190	KNOB, THROTTLE LEVER	1	1						
8	1	198421-01250	BOLT 6X40	1	1						
9	1	194150-01270	SPACER 20	1	1						
10	1	194150-01370	ADJUSTER	1	1						
11	1	194151-47760	WASHER 12	3	3						
12	1	22117-080000	WASHER 8	5	5						
13	1	22157-060000	WASHER 6	1	1						
14	1	22157-100000	WASHER 10	1	1						
15	1	22372-080000	SNAP PIN (JASO 8)	1	1						
16	1	22417-160160	COTTER PIN 1.6X16	4	4						
17	1	26016-100202	BOLT	1	1						
18	1	26716-080002	NUT M 8	2	2						
19	1	26716-120002	NUT 12	2	2						
20	1	198162-01210	ROD, FOOT AXLE	1	1						
21	1	198421-01220	SPRING, FT. ACCEL. RTRN	1	1						
22	1	22117-080000	WASHER 8	2	2						
23	1	22417-160160	COTTER PIN 1.6X16	2	2						
24	1	26116-080402	BOLT M 8X 40 PLATED	1	1						
25	1	26716-080002	NUT M 8	1	1						

Fig.19. FUEL TANK

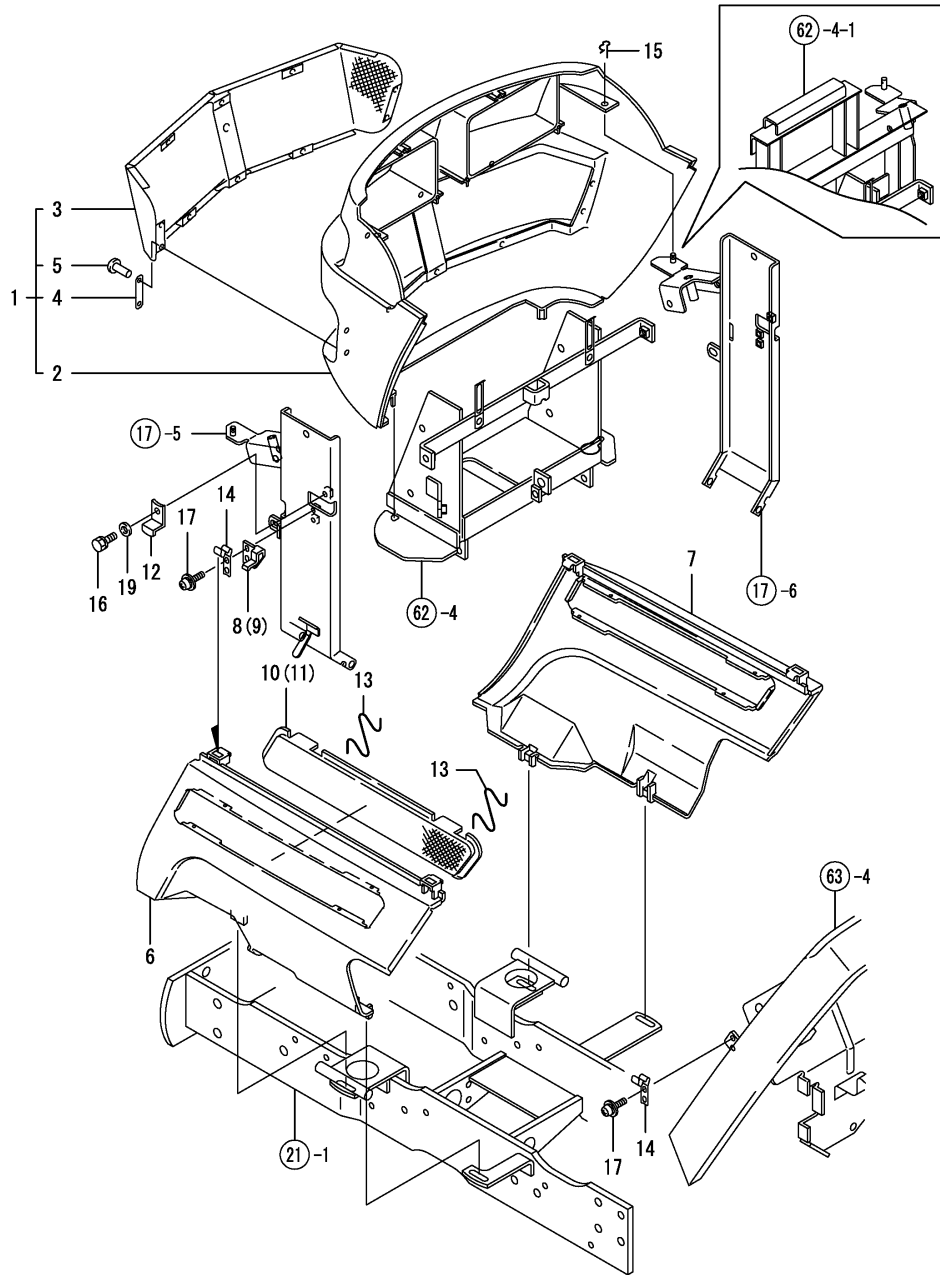
(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198162-04111	TANK,FUEL OIL	1	1						
2	1	194940-04240	PAN,FUEL TANK CATCH	1	1						
3	1	194940-04250	PACKING,FUEL CAT.PAN	1	1						
4	1	198421-04430	PIPE,FUEL OIL PAN	1	1						
5	1	198163-04500	CAP,FUEL CMP	1	1						
6	2	198163-04510	SEAL	1	1						
7	1	101504-55101	STRAINER,FUEL INLET	1	1						
8	1	194215-04220	SPACER 8X10X10	4	4						
9	1	194420-62260	RUBBER, CUSHION	8	8						
10	1	22157-060000	WASHER 6	4	4						
11	1	26116-060252	BOLT 6X25	4	4						
12	1	198421-04400	HOSE,AIR VENT FUEL	1	1						
13	1	198421-04410	HOSE,FUEL UPPER	1	1						
14	1	198421-04420	HOSE,FUEL LOWER	1	1						
15	1	194215-04430	PROTECTOR	1	1						
16	1	194300-04440	CLAMP 10.5	8	8						
17	1	198421-04440	HOSE 7X450,FUEL	1	1						
18	1	198421-04450	TUBE 13X100	1	1						

Fig.20. SIDE COVER



(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-05300	GRILLE, FRONT CMP	1	1						
2	2	198163-05310	GRILLE, FRONT	1	1						
3	2	1A6640-05510	NET,FRONT GRILL COMP	1	1						
4	2	1A6640-05560	PLATE, KEEP	2	2						
5	2	22695-320801	RIVET B 3.2X8.0	10	10						
6	1	798163-05380	COVER ASSY,LOWER L	1	1						
I	6-1	1A7740-05330	COVER(M CMP, LOWER L	1	1						N
		(A=F110231) (B=F110297)									
7	1	798163-05370	COVER ASSY,LOWER R	1	1						
I	7-1	1A7740-05340	COVER(M CMP, LOWER R	1	1						N
		(A=F110231) (B=F110297)									
8	1	198162-05380	HOLDER L,LOWER COVER	1	1						
I	8-1	198162-05381	HOLDER L,LOWER COVER	1	1						N
		(A=FXXXXX) (B=FXXXXX)									
9	1	198162-05390	HOLDER R,LOWER COVER	1	1						
I	9-1	198162-05391	HOLDER R,LOWER COVER	1	1						N
		(A=FXXXXX) (B=FXXXXX)									
10	1	198162-05430	NET L COMP.,LC	1	1						
11	1	198162-05440	NET R COMP.,LC	1	1						
12	1	198163-05450	PLATE, KEEP	2	2						
I	12-1	198163-05451	PLATE, KEEP	2	2						N
		(A=F110066) (B=F110041)									
13	1	198162-05480	CLIP,NET	4	4						
14	1	198162-05490	SPRING,HOOK	4	4						
I	14-1	198162-05491	SPRING,HOOK	4	4						N
		(A=FXXXXX) (B=FXXXXX)									
15	1	198165-61400	PIN	2	2						
16	1	26016-060122	BOLT M 6X 12	2	2						
17	1	26023-050122	SCREW M 5X 12	8	8						
I	17-1	26023-050162	SCREW M 5X 16	8	8						N
		(A=FXXXXX) (B=F110495)									
I	18-1	198162-05461	STAY,LCF	2	2						N
		(A=FXXXXX) (B=FXXXXX)									
I	18-2	198162-05462	STAY,LCF	2	2						N
		(A=FXXXXX) (B=FXXXXX)									
I	19	22137-060000	WASHER 6, POLISHED	2	2						W
		(A=F110170) (B=F110089)									

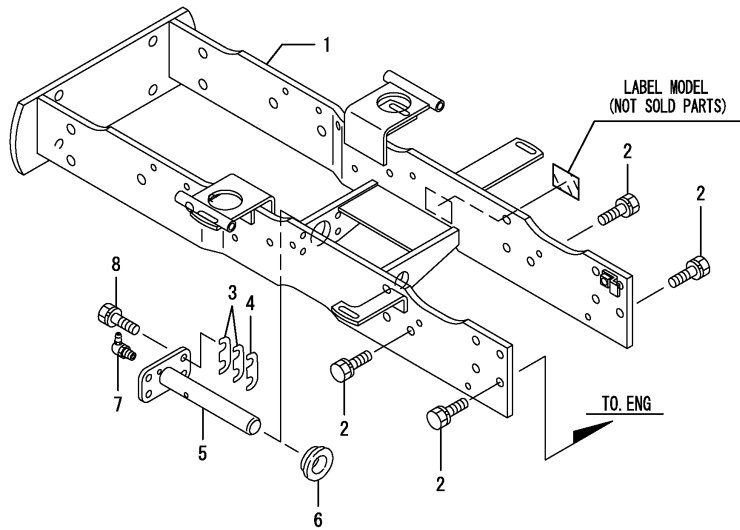
Fig.21. FRONT BRACKET

0CNP3-G97000 21. FRONT BRACKET

(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	798163-11110	BRACKET ASSY, AXLE	1	1						
2	1	26013-100252	BOLT W/WASHER M10X25	14	14						
3	1	194301-11340	SHIM T=0.2	4	4						1
4	1	194301-11350	SHIM T=0.5	2	2						1
5	1	198162-11510	PIN,CENTER	1	1						
6	1	194215-11540	BUSH	1	1						
7	1	198435-16230	GREASE FITTING	1	1						
8	1	26013-080202	BOLT W/WASHER M8X20	4	4						

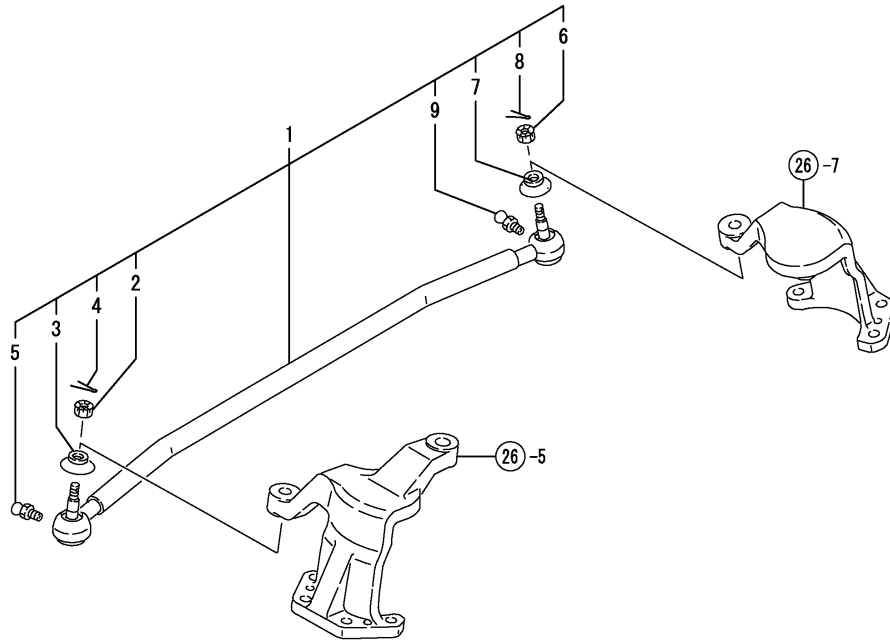


Remarks
(1) SERECT PARTS

Fig.22. TIE ROD

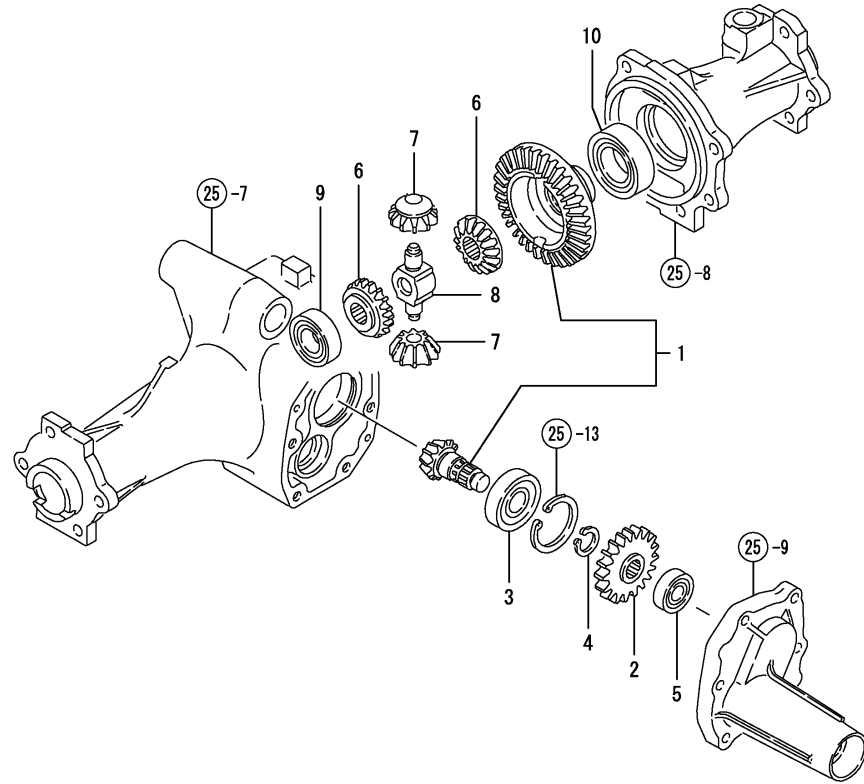
(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198421-12310	ROD COMP.,TIE	1	1						
2	2	194215-12341	NUT	1	1						
3	2	194300-13340	COVER,DUST	1	1						
4	2	22417-250250	COTTER PIN 2.5X25	1	1						
5	2	24761-060000	NIPPLE MT6X1, GREASE	1	1						
6	2	194215-12341	NUT	1	1						
7	2	194300-13340	COVER,DUST	1	1						
8	2	22417-250250	COTTER PIN 2.5X25	1	1						
9	2	24761-060000	NIPPLE MT6X1, GREASE	1	1						

Fig.23. DRIVE PINION



(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198165-13101	PINION, DRIVE KIT	1	1						
2	1	198421-13120	GEAR 25T,FRONT	1	1						
3	1	194447-13860	BALL BEARING	1	1						
4	1	22242-000200	CIRCLIP 20	1	1						
5	1	24101-062024	BALL BEARING	1	1						
6	1	198421-13221	GEAR,DIFF.SIDE	2	2						
7	1	1A7050-13230	GEAR,DIFF PINION	2	2						
8	1	198421-13240	SHAFT,DIFF.PINION	1	1						
9	1	24101-060054	BALL BEARING 6005	1	1						
10	1	24101-060074	BALL BEARING	1	1						

Fig.24. PROPELLER SHAFT

(A)=KE-140
 (B)=KE-160
 (C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY							
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198162-13350	SHAFT COMP,PROPELLER	1	1						
2	1	22242-000260	CIRCLIP 26	2	2						
3	1	22351-035025	SPRING PIN 3.5X25	2	2						
4	1	22351-060025	SPRING PIN 6X25	2	2						
5	1	198421-14610	COVER,SHAFT	1	1						
6	1	198421-14620	BOOT,RUBBER	2	2						
7	1	198421-14630	COLLAR,RUBBER BOOT	1	1						
8	1	23000-048000	CLAMP 48	2	2						
9	1	23000-070000	CLAMP 70	2	2						

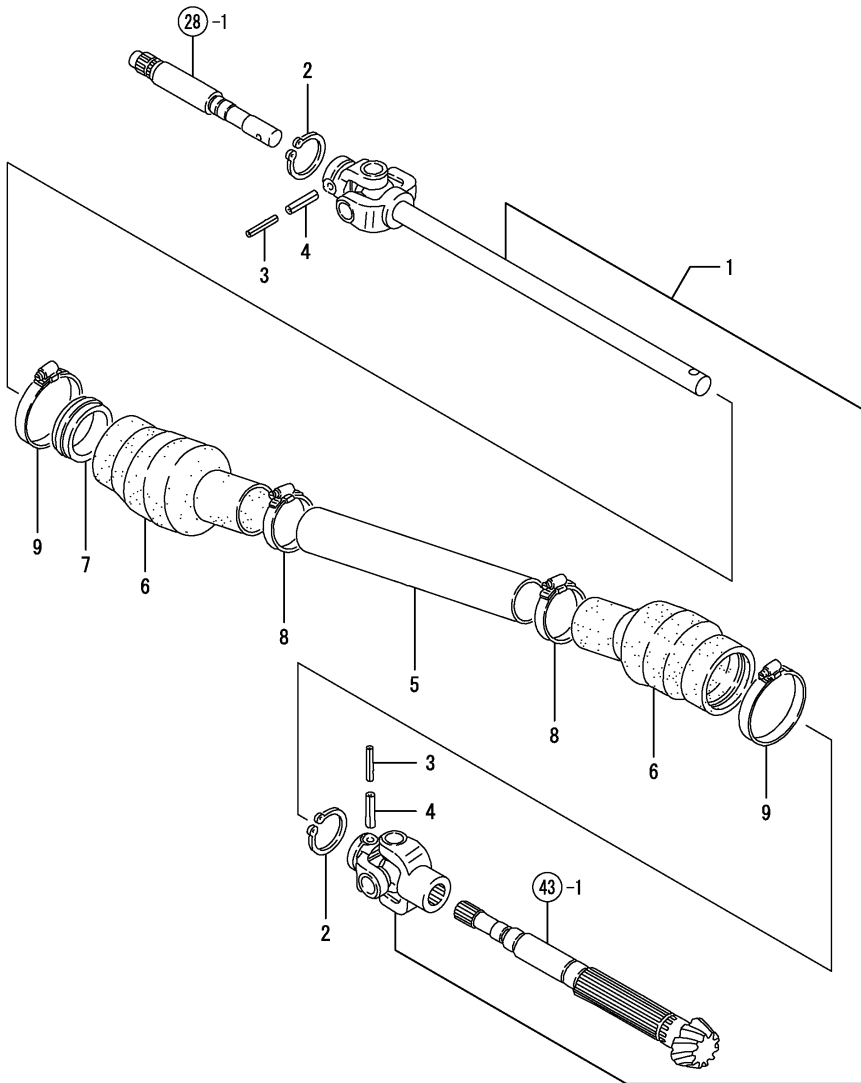


Fig.25. FRONT AXLE CASE

(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198421-13510	SHAFT L,FRONT 1ST	1	1						
2	1	198421-13520	SHAFT R,FRONT 1ST	1	1						
3	1	198421-13530	GEAR,FRNT.1/2 SHAFT	2	2						
4	1	24101-063044	BALL BEARING	2	2						
5	1	194200-11570	BUSH	2	2						
6	1	194447-13490	CAP W/DIPSTICK	1	1						
7	1	198425-13610	CASE L,FRONT AXLE	1	1						
8	1	198425-13620	CASE R,FRONT AXLE	1	1						
9	1	198421-13630	COVER,FRNT.AXLE CASE	1	1						
10	1	198421-13650	WASHER 25X34X1.2	1	1						
11	1	1C6900-23120	BOLT M14X10,DRAIN	1	1						
12	1	1C6900-23150	WASHER	1	1						
13	1	22252-000520	CIRCLIP 52	1	1						
14	1	22351-060020	SPRING PIN 6X20	2	2						
15	1	24311-000180	O-RING 1A P-18.0	1	1						
16	1	24321-000500	O-RING 1A G-50.0	2	2						
17	1	24321-001150	O-RING 1A G-115.0	1	1						
18	1	24421-173007	SEAL TC17 30 07, OIL	1	1						
19	1	26013-100302	BOLT M10X 30	6	6						
20	1	26016-080302	BOLT M 8X 30	6	6						

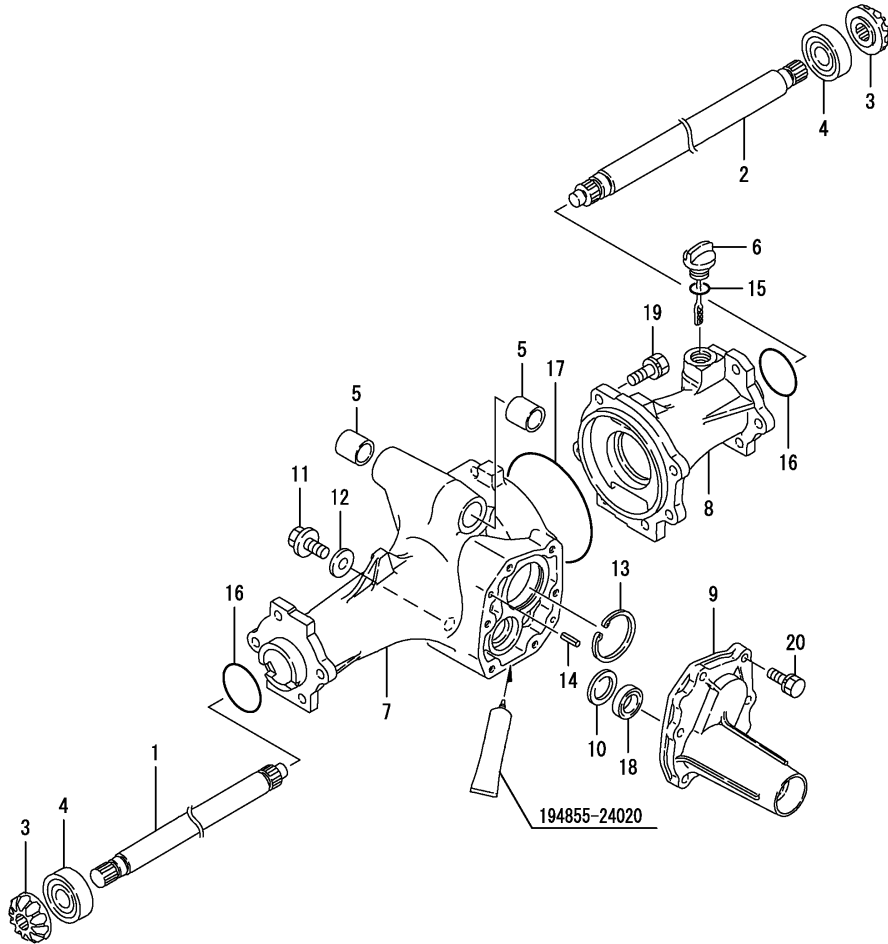
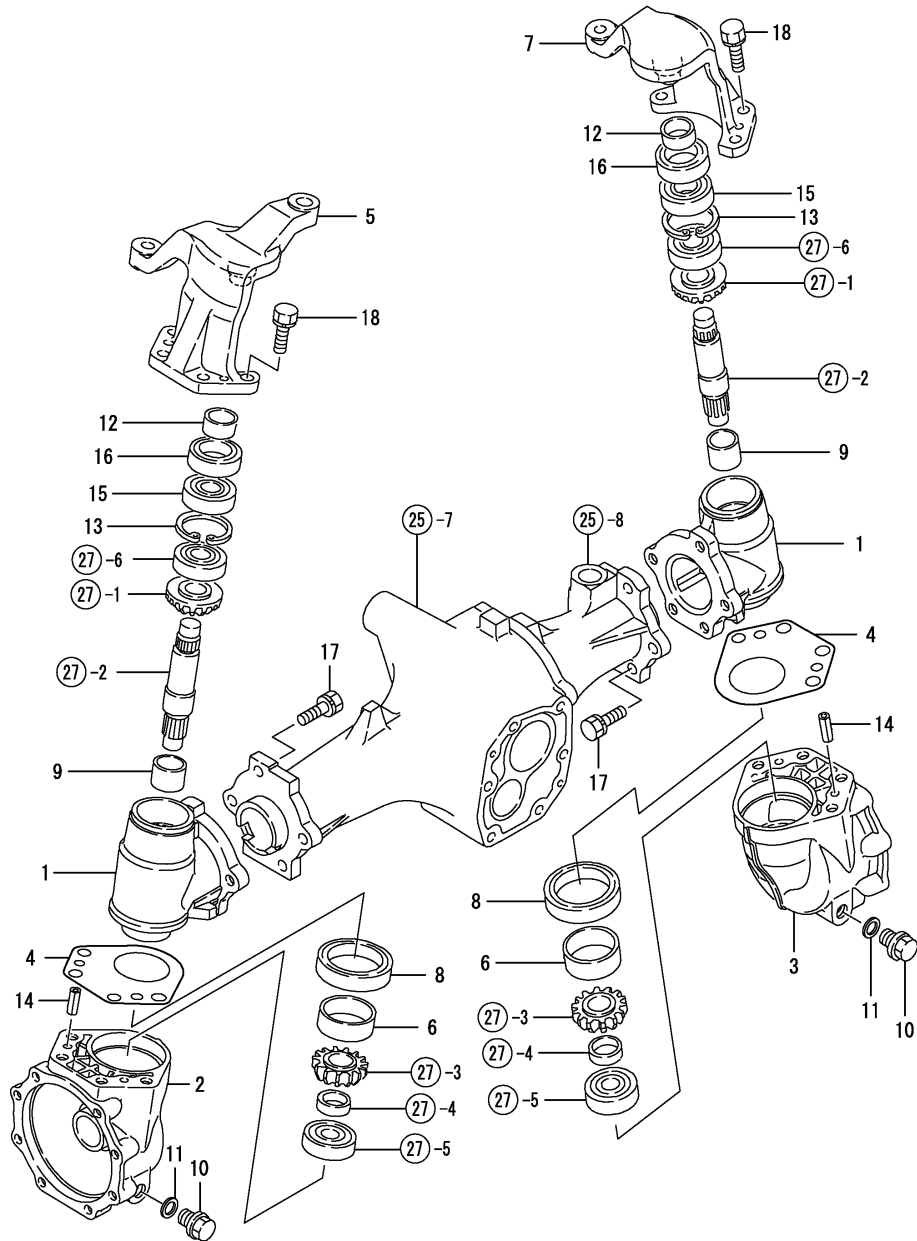


Fig.26. FRONT GEAR CASE

(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198421-13710	CASE,FRONT GEAR	2	2						
2	1	198421-13730	BOX L,FRONT GEAR	1	1						
3	1	198421-13740	BOX R,FRONT GEAR	1	1						
4	1	198421-13750	SHIM 1.0,SUPPORT	2	2						
5	1	198421-13760	SUPPORT L,KING PIN	1	1						
6	1	194516-13770	SLEEVE SI455016	2	2						
7	1	198421-13770	SUPPORT R,KING PIN	1	1						
8	1	194516-13780	SEAL TC6Y 506812.5	2	2						
9	1	198165-13830	BUSH 25X1.5	2	2						
10	1	1C6900-23120	BOLT M14X10,DRAIN	2	2						
11	1	1C6900-23150	WASHER	2	2						
12	1	1E6190-54080	SLEEVE SI25X30X13	2	2						
13	1	22252-000470	CIRCLIP 47(H)	2	2						
14	1	22351-080020	SPRING PIN 8X20	4	4						
15	1	24104-062044	BALL BEARING	2	2						
16	1	24421-304708	SEAL TC30 47 08, OIL	2	2						
17	1	26013-100302	BOLT M10X 30	10	10						
18	1	26013-100302	BOLT M10X 30	8	8						

Fig.27. FRONT SHAFT(2)

(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198421-13530	GEAR,FRNT.1/2 SHAFT	2	2						
2	1	198421-13810	SHAFT,FRONT 2ND	2	2						
3	1	198421-13820	PINION,FRONT FINAL	2	2						
4	1	198421-13830	COLLAR	2	2						
5	1	194670-25370	BALL BEARING	2	2						
6	1	24104-063034	BALL BEARING	2	2						

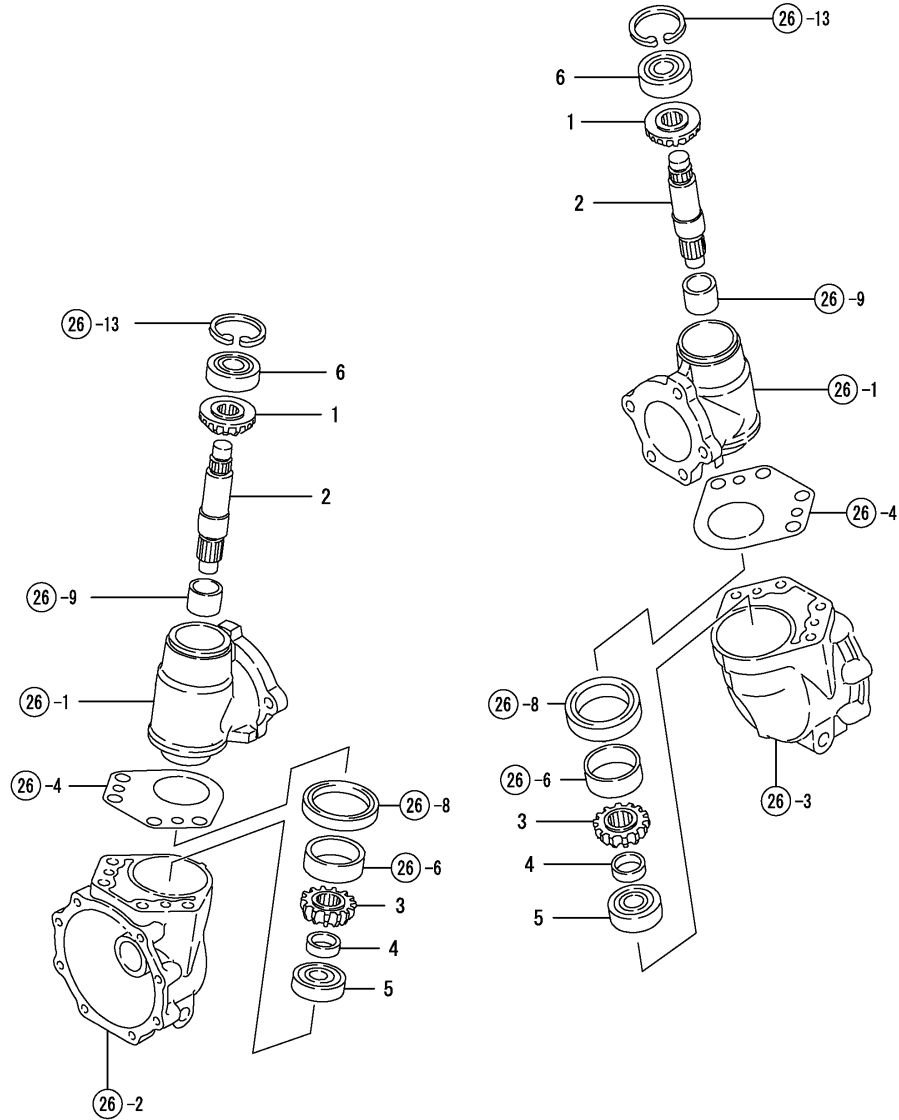


Fig.28. INPUT SHAFT

0CNP3-G97000 28. INPUT SHAFT

(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198421-13910	SHAFT,FRONT INPUT	1	1						
2	1	198421-13920	GEAR 15T,FRONT	1	1						
3	1	22242-000200	CIRCLIP 20	1	1						
4	1	24101-060034	BALL BEARING	1	1						
5	1	24101-062024	BALL BEARING	1	1						

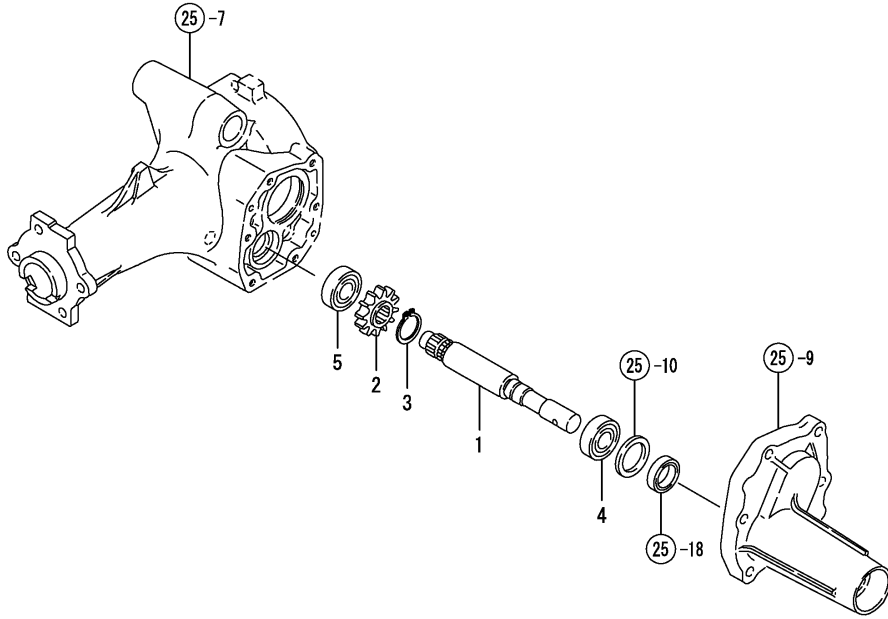
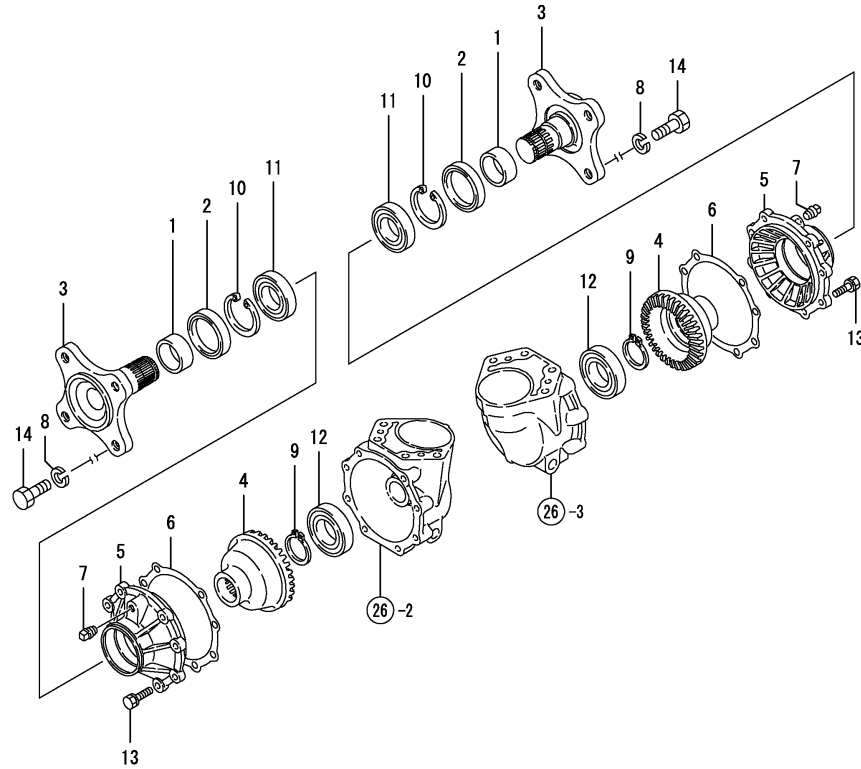


Fig.29. FRONT SPINDLE

(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194314-11880	SLEEVE 40X45X18	2	2						
2	1	194314-12720	SEAL TC6Y 45 62 14	2	2						
3	1	198421-14110	SPINDLE,FRONT	2	2						
4	1	198421-14120	GEAR,FRONT FINAL	2	2						
5	1	198421-14130	CASE,FRONT BEARING	2	2						
6	1	198421-14140	PACKING,BEARING CASE	2	2						
I	6-1	1 198421-14141 (A=FXXXXX) (B=F110495)	PACKING,BEARING CASE	2	2						N
I	6-2	1 198421-14142	PACKING,BEARING CASE	2	2						S 1
		(A=SEE NOTE) (B=SEE NOTE)									
7	1	194151-36670	PLUG PT02	2	2						
8	1	22217-140000	SPRING WASHER 14	8	8						
9	1	22242-000350	CIRCLIP 35	2	2						
10	1	22252-000620	CIRCLIP 62(H)	2	2						
11	1	24101-060074	BALL BEARING	2	2						
12	1	24101-060084	BALL BEARING	2	2						
13	1	26016-080252	BOLT M 8X 25	16	16						
14	1	26156-140252	BOLT M14X 25 PLATED	8	8						

Remarks
(1)MATERIAL = REF.NO.6-1 AF5400
REF.NO.6-2 SF-7500

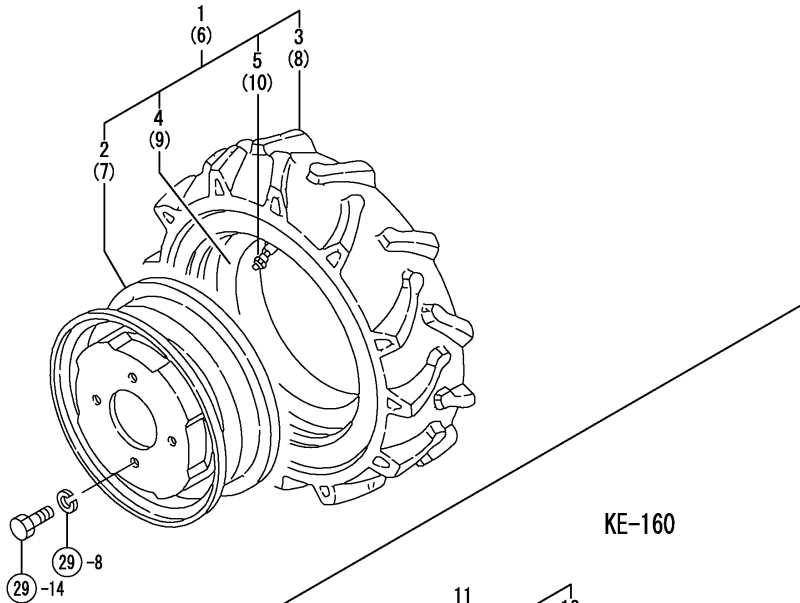
Fig.30. FRONT WHEEL TIRE

(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	798425-14700	TIRE,FRONT L.H. KIT	1							
I 1-1	1	1A6750-14700	TIRE,FRONT L.H. KIT	1							N
(A=FXXXXX)											
2	2	198425-14750	WHEEL DC3.00DX10	1							
I 2-1	2	1A6750-14720	WHEEL 3.00D*10	1							N
(A=FXXXXX)											
3	2	194306-14810	TIRE 450-10	1							
4	2	194306-14820	TUBE	1							
5	2	194190-34730	HOUSING,CORE	1							
6	1	798425-14830	FRONT TIRE R.H. KIT	1							
I 6-1	1	1A6750-14800	TIRE KIT, F.WHEEL R	1							N
(A=FXXXXX)											
7	2	198425-14750	WHEEL DC3.00DX10	1							
I 7-1	2	1A6750-14720	WHEEL 3.00D*10	1							N
(A=FXXXXX)											
8	2	194306-14810	TIRE 450-10	1							
9	2	194306-14820	TUBE	1							
10	2	194190-34730	HOUSING,CORE	1							
11	1	798435-12800	TIRE,FRONT L.H. KIT		1						
12	2	194216-12830	TIRE		1						
13	2	194216-12840	TUBE		1						
14	2	194190-34730	HOUSING,CORE		1						
15	2	198435-14700	WHEEL DC4JA 12W		1						
16	1	798435-12900	FRONT TIRE R.H. KIT		1						
17	2	194216-12830	TIRE		1						
18	2	194216-12840	TUBE		1						
19	2	194190-34730	HOUSING,CORE		1						
20	2	198435-14700	WHEEL DC4JA 12W		1						

KE-140



KE-160

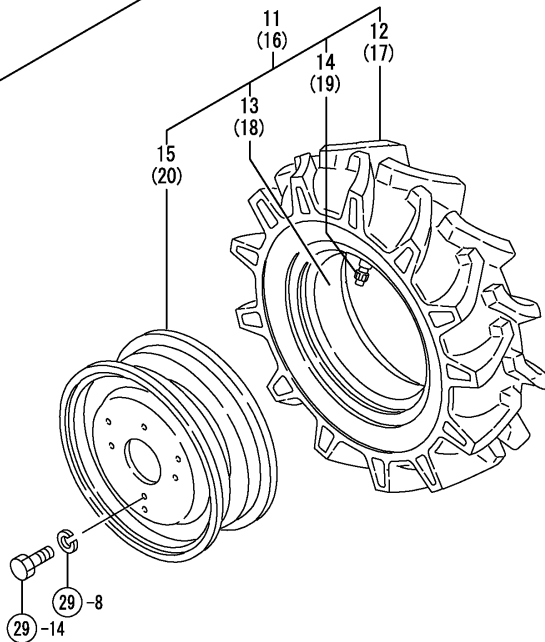
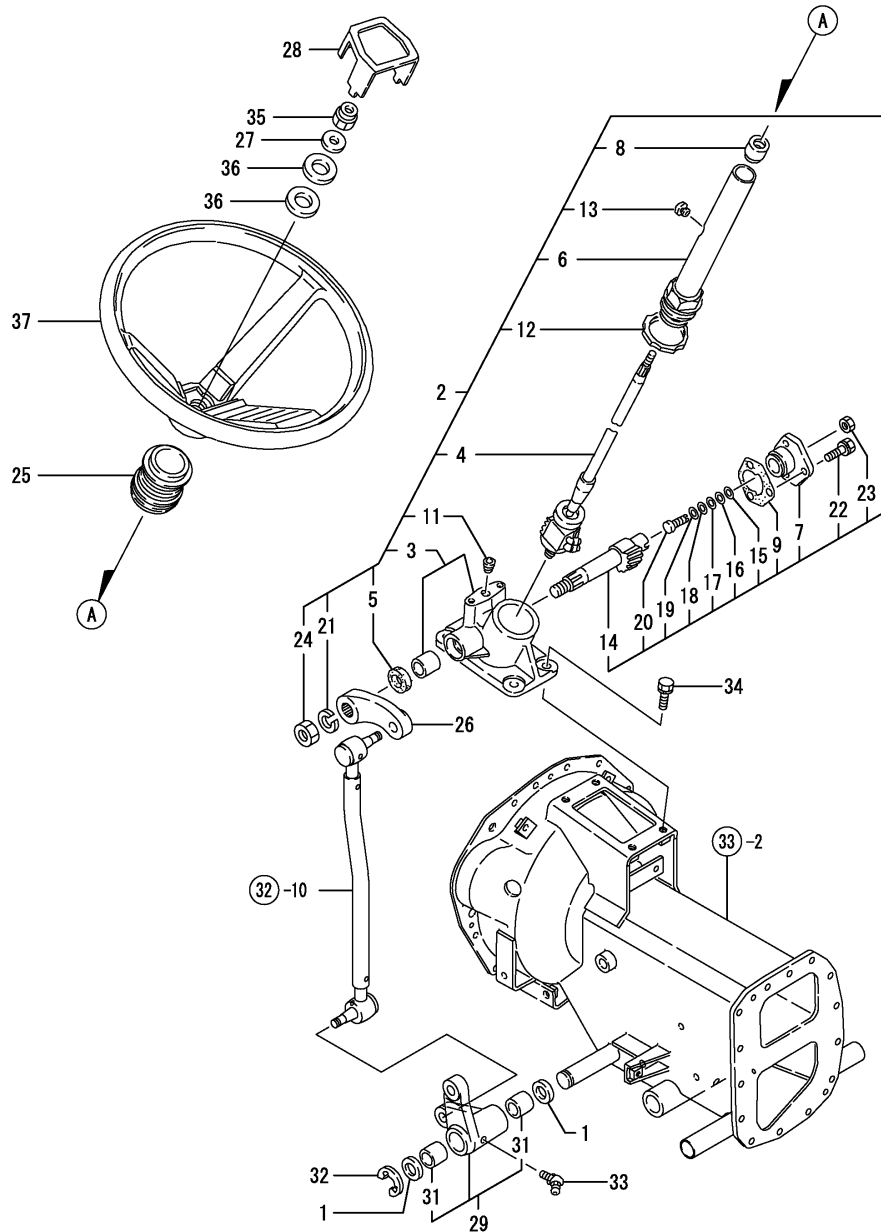


Fig.31. STEERING GEAR

(A)=KE-140
(B)=KE-160
(C)=

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

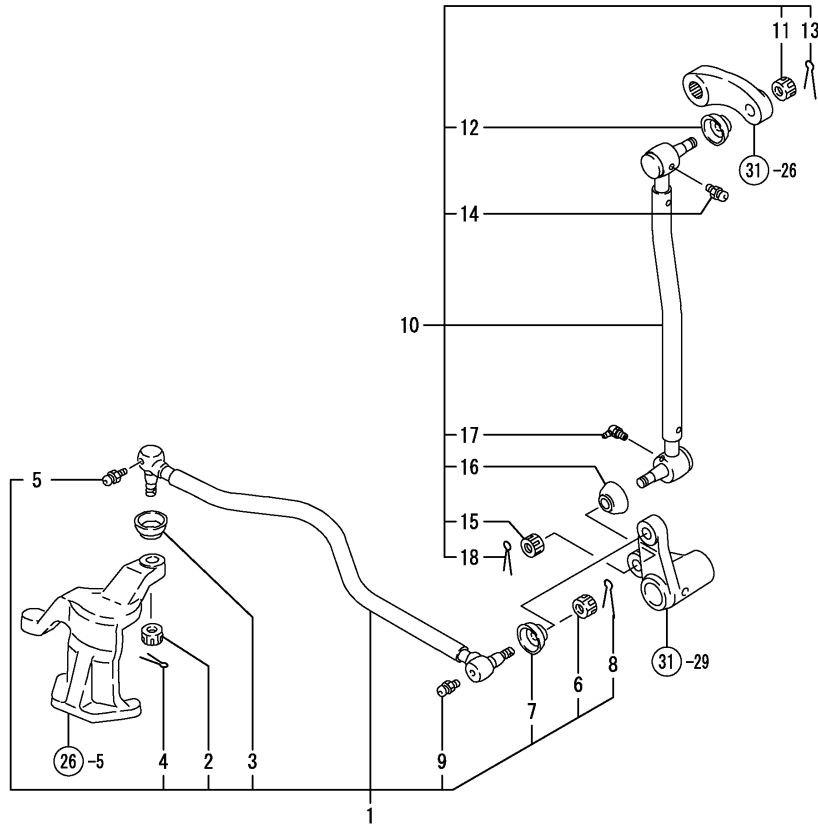


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1C6140-14050	SPACER 25.2X34X2	2	2						
2	1	198421-15101	STEERING ASSY	1	1						
3	2	198421-15110	BOX,GEAR	1	1						
4	2	198421-15120	NUT COMP.,BALL	1	1						
5	2	194262-15220	SEAL TV 223508, OIL	1	1						
6	2	198421-15140	COLUMN COMPL.	1	1						
7	2	194262-15150	COVER ASSY, SIDE	1	1						
8	2	198421-15150	BUSH,COLUMN	1	1						
9	2	194262-15160	PACKING	1	1						
11	2	194262-15170	PLUG PT1/8	1	1						
12	2	194440-15230	LOCK NUT	1	1						
13	2	194440-15340	PLUG, BREATHER	1	1						
14	2	194262-15410	SHAFT, SECTOR	1	1						
15	2	194262-15420	SHIM (A) (T=1.525)	1	1						
16	2	194262-15430	SHIM (B) (T=1.555)	1	1						
17	2	194262-15440	SHIM (C) (T=1.585)	1	1						
18	2	194262-15450	SHIM (D) (T=1.615)	1	1						
19	2	194262-15460	SHIM (E) (T=1.645)	1	1						
20	2	194262-15470	SCREW, ADJUSTING	1	1						
21	2	22217-160000	SPRING WASHER 16	1	1						
22	2	26013-080202	BOLT W/WASHER M8X20	3	3						
23	2	26717-080002	NUT 8	1	1						
24	2	26737-160002	NUT M16	1	1						
25	1	198162-15510	U-NUT 12	1	1						
26	1	198162-15520	ARM, PITMAN	1	1						
27	1	194080-15550	WASHER 12	1	1						
28	1	1W4473-20030	CAP	1	1						
29	1	198163-15740	ARM, PITMAN C CMP	1	1						
30	2	198435-15750	ARM, PITMAN B	1	1						
31	2	198163-15850	BUSHING 25*25	2	2						
32	1	22273-000190	CIRCLIP E19	1	1						
33	1	198435-16230	GREASE FITTING	1	1						
34	1	26016-100252	BOLT M10X 25	4	4						
35	1	26356-120002	U-NUT M12	1	1						
36	1	198162-15610	WASHER,STEERING	2	2						
37	1	198163-15800	WHEEL, STIRRING CMP	1	1						

Fig.32. DRAG ROD

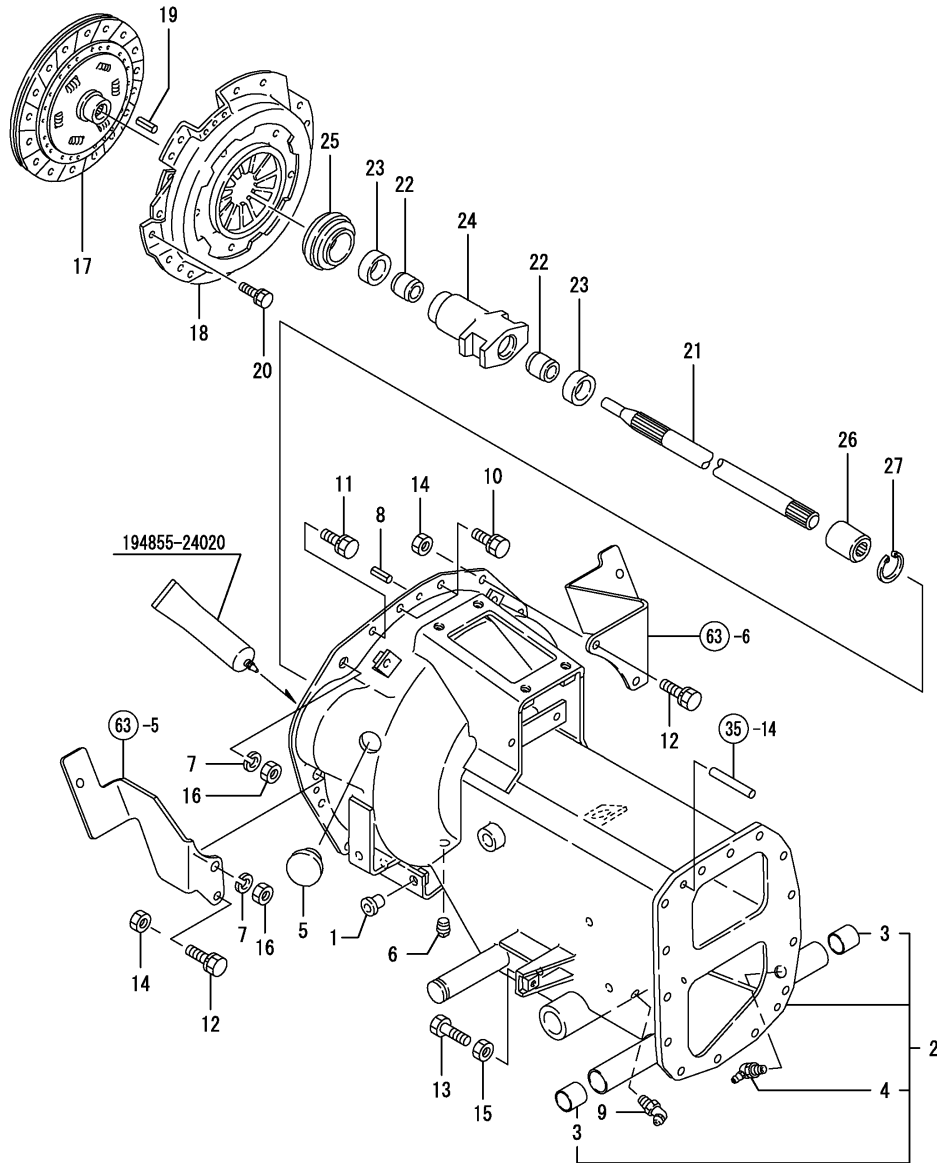
(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198425-16150	ROD B COMP.,DRAG	1	1						
2	2	194215-12341	NUT	1	1						
3	2	194300-13340	COVER,DUST	1	1						
4	2	22417-250250	COTTER PIN 2.5X25	1	1						
5	2	24761-060000	NIPPLE MT6X1, GREASE	1	1						
6	2	194215-12340	NUT M10	1	1						
7	2	194300-13340	COVER,DUST	1	1						
8	2	22417-250250	COTTER PIN 2.5X25	1	1						
9	2	24761-060000	NIPPLE MT6X1, GREASE	1	1						
10	1	198435-16200	ROD, DRAG	1	1						
11	2	194215-12341	NUT	1	1						
12	2	194300-13340	COVER,DUST	1	1						
13	2	22417-250250	COTTER PIN 2.5X25	1	1						
14	2	24761-060000	NIPPLE MT6X1, GREASE	1	1						
15	2	194215-12340	NUT M10	1	1						
16	2	194300-13340	COVER,DUST	1	1						
17	2	198435-16230	GREASE FITTING	1	1						
18	2	22417-250250	COTTER PIN 2.5X25	1	1						

Fig.33. CLUTCH HOUSING



(A)=KE-140
(B)=KE-160
(C)=

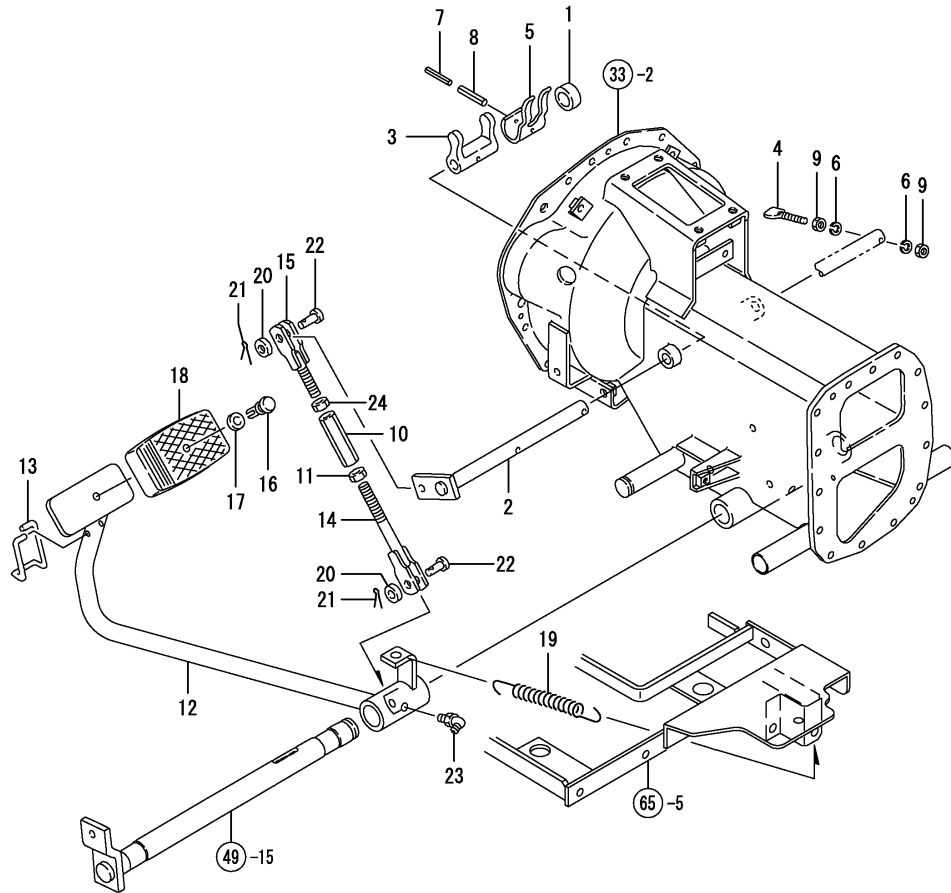
(D)=
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194201-11230	CAP 11X21	4	4						
2	1	198163-21200	HOUSING ASSY, CLUTCH	1	1						
3	2	24550-020200	BUSH 20X20,DRY	2	2						
4	2	24761-040000	NIPPLE B,GREASE	1	1						
5	1	194300-21460	CAP	1	1						
6	1	194151-36670	PLUG PT02	1	1						
7	1	22217-100000	SPRING WASHER 10	2	2						
8	1	22351-080020	SPRING PIN 8X20	2	2						
9	1	24761-040000	NIPPLE B,GREASE	1	1						
10	1	26013-080122	BOLT M 8X 12	2	2						
11	1	26013-080162	BOLT W/WASHER M8X16	5	5						
12	1	26013-080252	BOLT M 8X 25	4	4						
13	1	26116-100352	BOLT 10X35	1	1						
14	1	26716-080002	NUT M 8	4	4						
15	1	26716-100002	NUT 10	1	1						
16	1	26716-100002	NUT 10	2	2						
17	1	198165-21450	DISC, CLUTCH	1	1						
18	1	194215-21701	PRESSURE PLATE	1	1						
19	1	22351-080016	SPRING PIN 8X16	3	3						
20	1	26013-080162	BOLT W/WASHER M8X16	6	6						
21	1	198421-22110	SHAFT,MAIN DRIVE	1	1						
22	1	194215-22210	BUSH 20.4X25X20	2	2						
23	1	194215-22220	FELT	2	2						
24	1	194215-22230	SLEEVE, BEARING	1	1						
25	1	194300-22240	BEARING, RELEASE	1	1						
26	1	194310-25100	JOINT	1	1						
27	1	22252-000170	CIRCLIP 17	1	1						

Fig.34. CLUTCH PEDAL

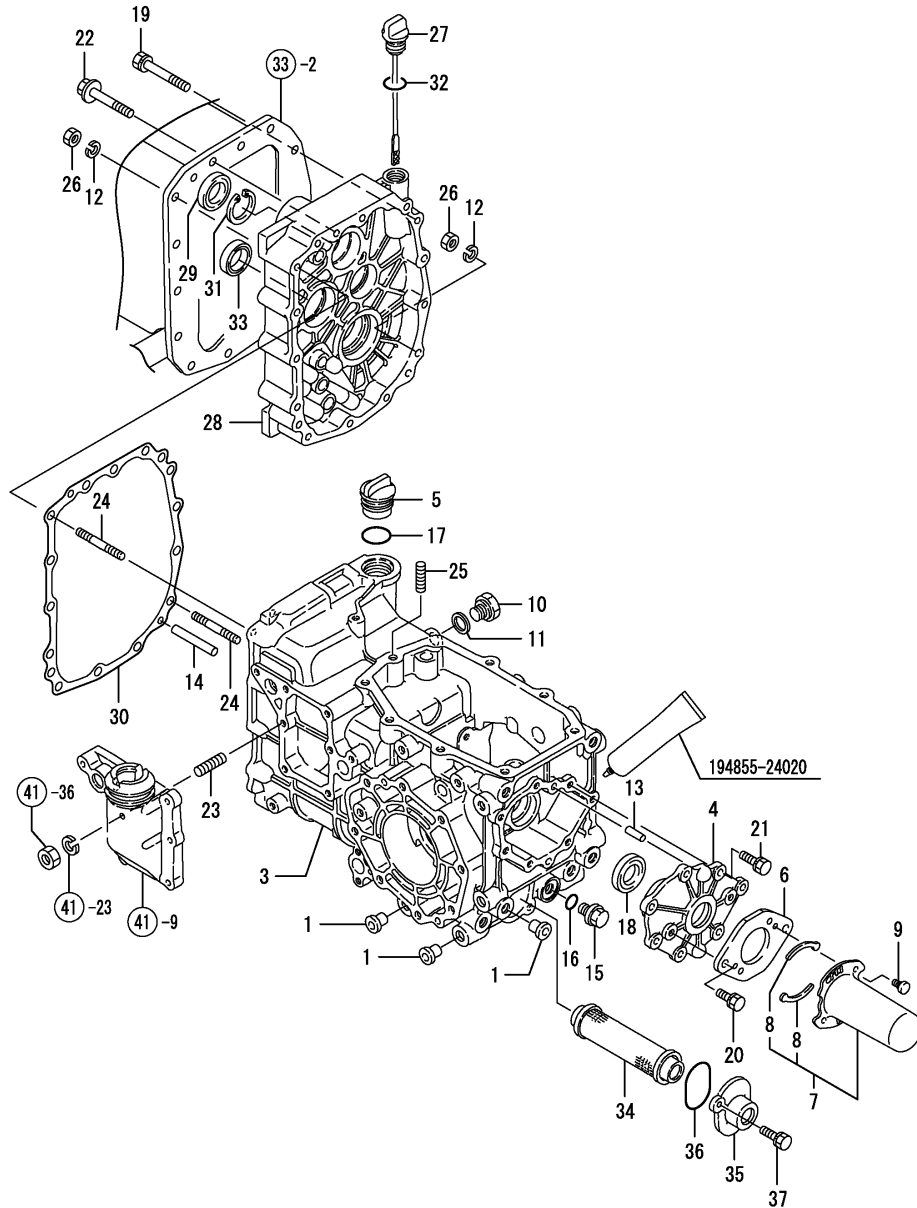
(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1C6560-13470	COLLAR 17X26X9	1	1						
2	1	198421-22151	SHAFT,RELEASE	1	1						
3	1	194300-22160	YOKE, SHIFT	1	1						
4	1	194215-22190	LEVER	1	1						
5	1	194300-22910	SPRING	1	1						
6	1	22217-060000	SPRING WASHER 6	2	2						
7	1	22351-035040	SPRING PIN 3.5X40	1	1						
8	1	22351-060040	SPRING PIN 6X40	1	1						
9	1	26716-060002	NUT 6	2	2						
10	1	194740-00322	TURNBUCKLE	1	1						
11	1	194990-20170	NUT W/WASHER 8	1	1						
12	1	198162-22410	PEDAL COMPL.,CLUTCH	1	1						
13	1	198421-22440	LEVER,CLUTCH LOCK	1	1						
14	1	198425-22450	ROD L COMP.,CLUTCH	1	1						
15	1	198425-22480	ROD R COMP.,CLUTCH	1	1						
16	1	198133-22510	RIVET,PEDAL HEAD	1	1						
17	1	198133-22530	WASHER,RIVET	1	1						
18	1	198071-37510	COVER,PEDAL HEAD	1	1						
19	1	198421-37511	SPRING,RETURN	1	1						
20	1	22137-080000	WASHER 8, POLISHED	2	2						
21	1	22417-200200	COTTER PIN 2.0X20	2	2						
22	1	22487-080160	PIN 8X 16	2	2						
23	1	24761-040000	NIPPLE B,GREASE	1	1						
24	1	26716-080002	NUT M 8	1	1						

Fig.35. TRANSMISSION CASE



(A)=KE-140
(B)=KE-160
(C)=

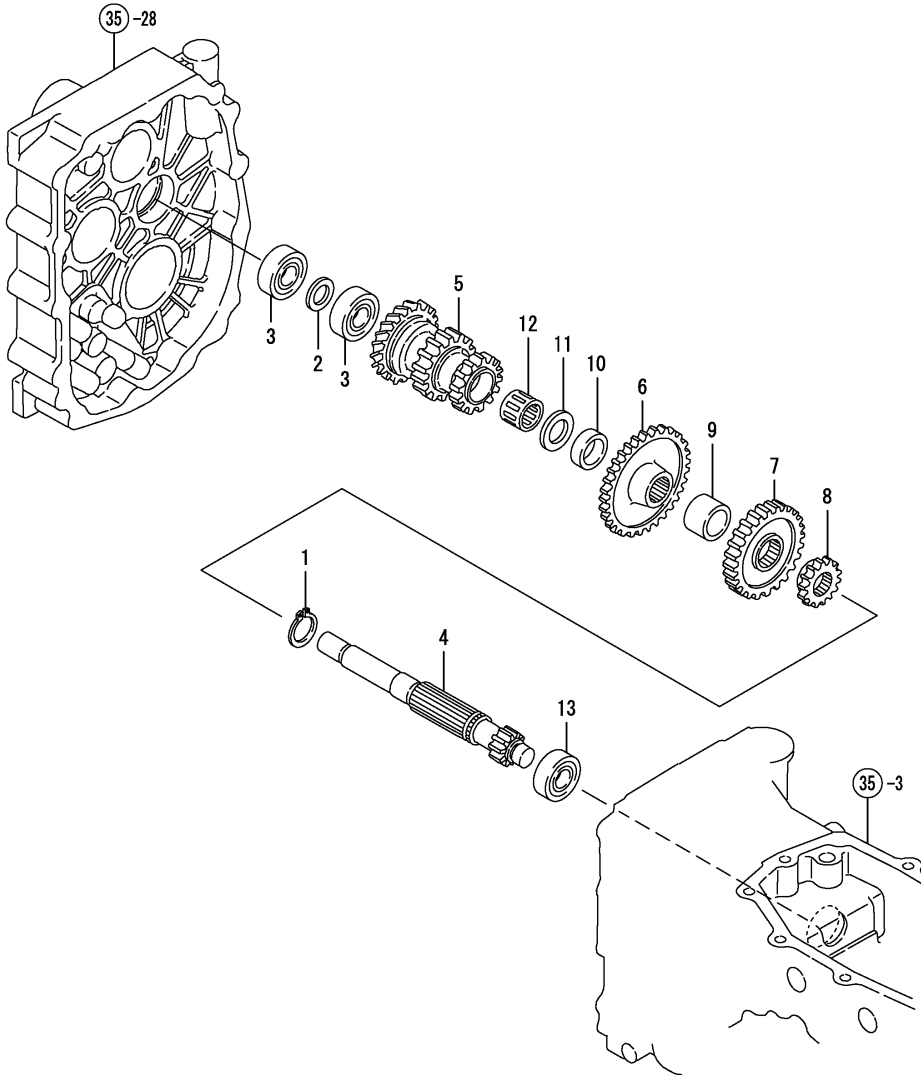
(D)=
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194201-11230	CAP 11X21	6	6						
3	1	198425-24110	MISSION CASE	1	1						
4	1	198163-24140	COVER M,TRANSM.CS.RR	1	1						
5	1	198435-24280	OIL CAP 33	1	1						
6	1	198165-24660	PLATE	1	1						
7	1	194850-26850	COVER ASSY, SHAFT	1	1						
8	2	194850-26870	SPRING, SHIFT COVER	2	2						
9	1	194250-32530	PIN, COVER HOOK	2	2						
10	1	194312-46750	PLUG PF3/8	1	1						
11	1	194555-77910	GASKET	1	1						
12	1	22217-080000	SPRING WASHER 8	2	2						
13	1	22312-080160	PARALLEL PIN 8X 16	2	2						
14	1	22312-080630	PIN 8X63	2	2						
15	1	23491-140002	PLUG 14	1	1						
16	1	24311-000160	O-RING 1A P-16.0	1	1						
17	1	24351-020300	O-RING 1A 2030	1	1						
18	1	24421-284008	SEAL TC28 40 08, OIL	1	1						
19	1	26013-080702	BOLT M 8X 70	9	9						
20	1	26016-080202	BOLT M 8X 20	2	2						
21	1	26016-080252	BOLT M 8X 25	7	7						
22	1	26106-080702	BOLT M 8X 70 PLATED	3	3						
23	1	26226-080252	STUD M 8X 25 PLATED	1	1						
24	1	26226-080652	STUD M 8X 65 PLATED	2	2						
25	1	26226-100252	STUD M10X 25 PLATED	1	1						
26	1	26716-080002	NUT M 8	2	2						
27	1	198435-24290	GAUGE,OIL LEVEL	1	1						
28	1	198163-24320	PLATE	1	1						
I 28-1	1	198163-24321	PLATE	1	1						R
		(A=F110269) (B=F110286)									
29	1	198165-24330	SEAL TC254208,OIL	1	1						
30	1	198164-24510	PACKING,TRANSM.CASE	1	1						
31	1	22252-000420	CIRCLIP 42	1	1						
32	1	24311-000180	O-RING 1A P-18.0	1	1						
33	1	24421-173508	SEAL TC17 35 08, OIL	1	1						
34	1	198421-24910	STRAINER,OIL	1	1						
35	1	194215-24970	COVER, STRAINER	1	1						
36	1	24341-000500	O-RING 1A S-50.0	1	1						
37	1	26013-080202	BOLT W/WASHER M8X20	2	2						

Fig.37. MAIN SHAFT

(A)=KE-140
(B)=KE-160
(C)=

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

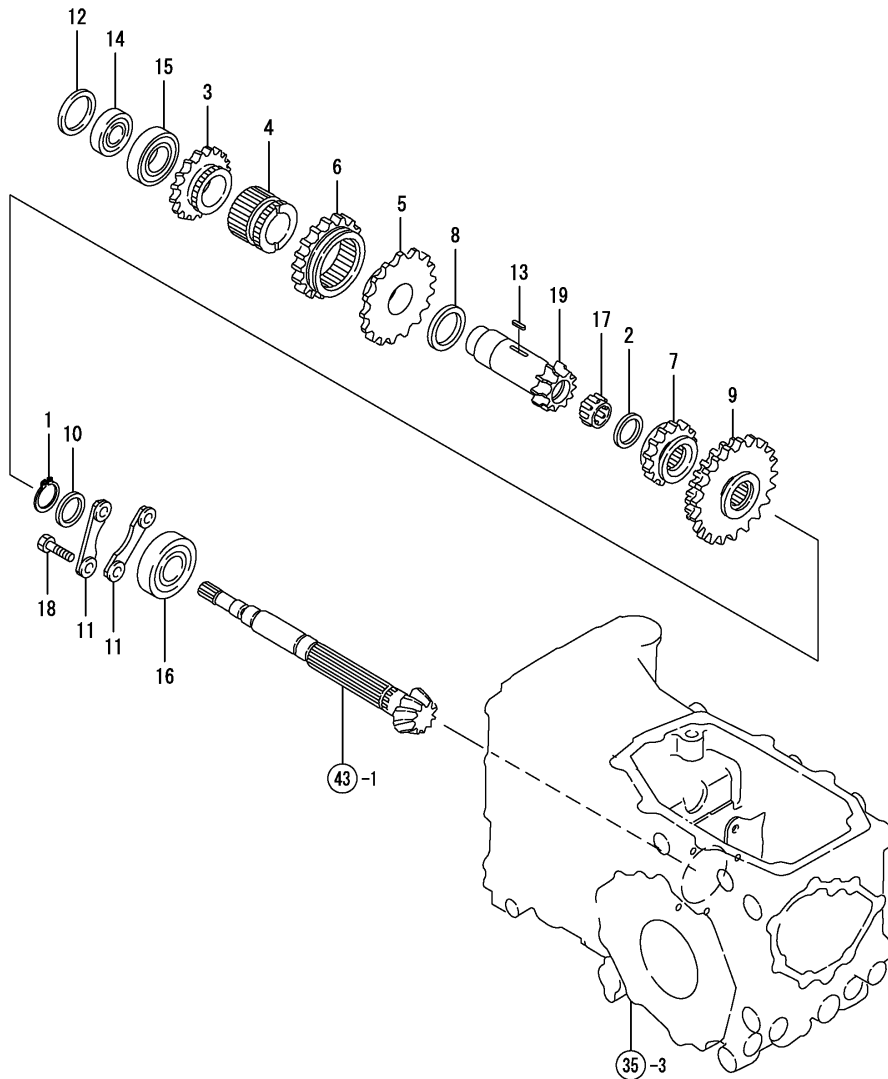


REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194306-13140	CIRCLIP 24-S	1	1						
2	1	1E4070-14040	LINER 17.1X25X1	1	1						
3	1	194305-25160	BALL BEARING	2	2						
4	1	198435-25210	SHAFT, MAIN	1	1						
5	1	198435-25220	GEAR 25-19-16,MAIN	1	1						
6	1	198421-25231	GEAR 49,MAIN	1	1						
7	1	198435-25240	GEAR 31,MAIN	1	1						
8	1	198421-25250	GEAR 16,MAIN	1	1						
9	1	198435-25280	SPACER 30X20.2	1	1						
10	1	198435-25310	SPACER 30X7.95	1	1						
11	1	194856-25330	WASHER 22X32X2.5	1	1						
12	1	194856-25340	NEEDLE BEARING	1	1						
13	1	24101-062034	BALL BEARING	1	1						

Fig.38. COUNTER SHAFT

(A)=KE-140
(B)=KE-160
(C)=

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

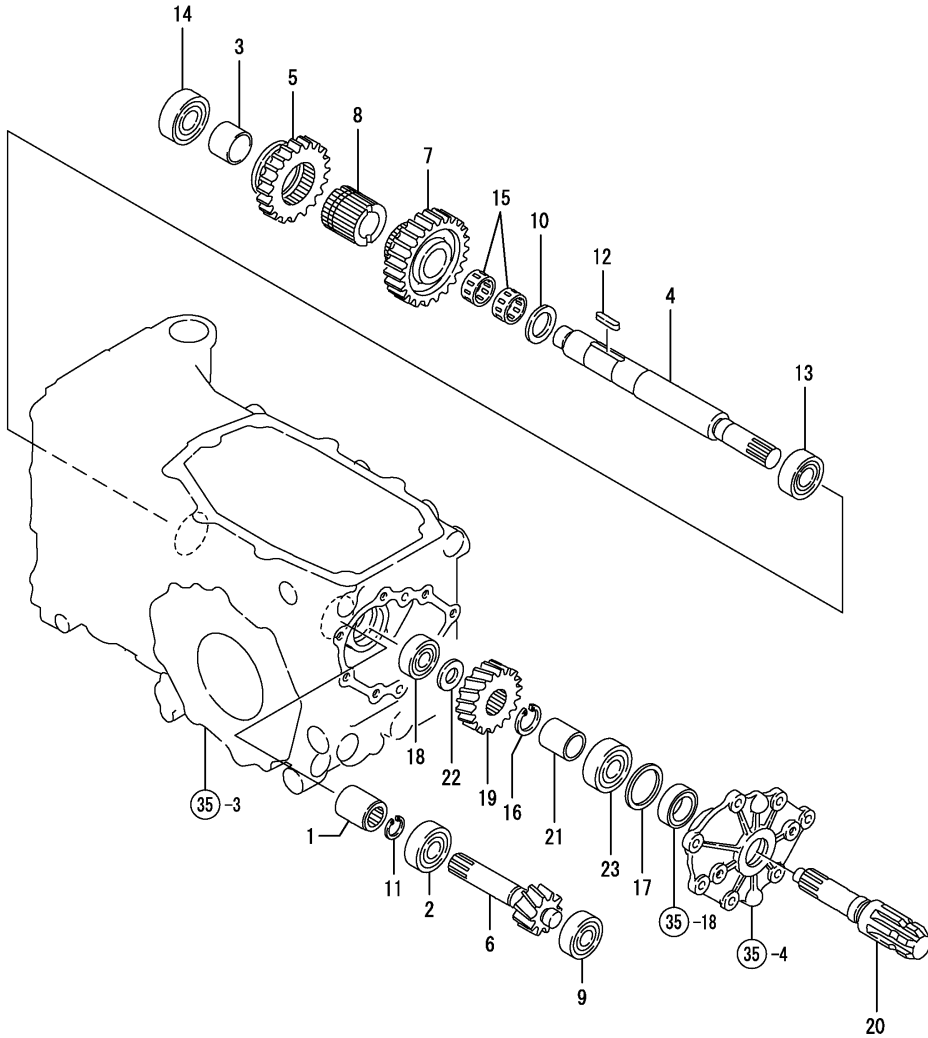


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194306-13140	CIRCLIP 24-S	1	1						
2	1	194856-25330	WASHER 22X32X2.5	1	1						
3	1	198435-25720	GEAR 26,COUNTER	1	1						
4	1	198435-25730	COLLAR,COUNTR.SPLINE	1	1						
5	1	198435-25741	GEAR 34,COUNTER	1	1						
6	1	198163-25750	GEAR,COUNTER	1	1						
7	1	198435-25790	GEAR 24,SLIDE	1	1						
8	1	198421-25800	WASHER 35X47X2.5,THR	1	1						
9	1	198435-25801	GEAR 38-56,SLIDE	1	1						
10	1	198421-25810	COLLAR 25X36X4.5	1	1						
11	1	198435-25810	BEARING HOLDER	2	2						
12	1	198421-25820	COLLAR 32X41.5X1	1	1						
13	1	22551-050180	KEY 5X18	1	1						
14	1	24101-060044	BALL BEARING #6004	1	1						
15	1	24101-060064	BALL BEARING	1	1						
16	1	24101-063054	BEARING #6305	1	1						
17	1	24161-222610	NEEDLE BEARING	1	1						
18	1	26116-080202	BOLT M 8X 20 PLATED	4	4						
19	1	198435-25770	GEAR 17,COUNTER	1	1						

Fig.39. P.T.O DRIVE SHAFT

(A)=KE-140
(B)=KE-160
(C)=

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

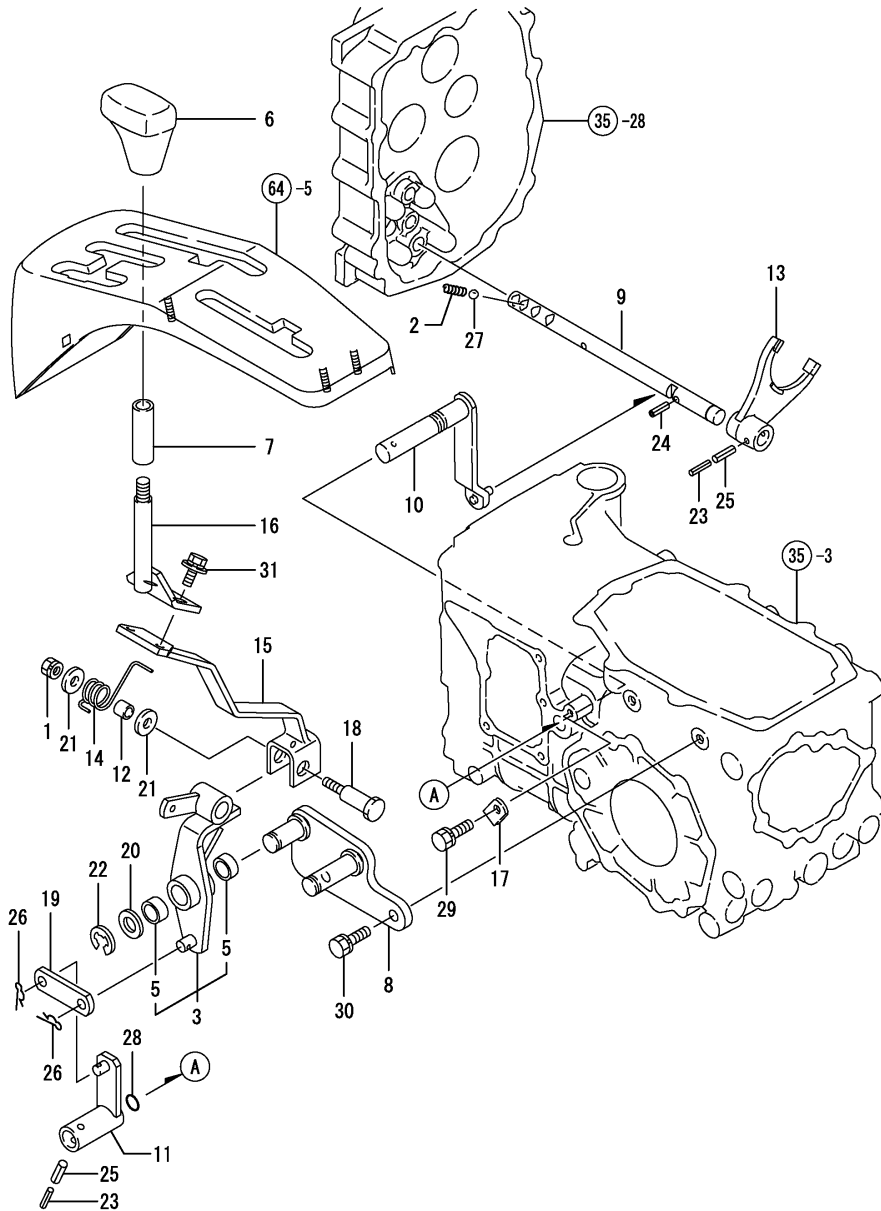


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194310-25100	JOINT	1	1						
2	1	194515-25180	BALL BEARING	1	1						
3	1	198435-26100	COLLAR,PTO DRV.SHAFT	1	1						
4	1	198435-26110	SHAFT,P.T.O.DRIVE	1	1						
5	1	198435-26120	GEAR 27,P.T.O.SLIDE	1	1						
6	1	198163-26130	GEAR,PTO	1	1						
7	1	198435-26180	GEAR 30,P.T.O.DRIVE	1	1						
8	1	198435-26192	COLLAR, SPLINE	1	1						
9	1	198165-26270	BEARING TMB302	1	1						
10	1	194191-28540	WASHER 25X38X 2.5	1	1						
11	1	22252-000170	CIRCLIP 17	1	1						
12	1	22551-070300	KEY 7X30	1	1						
13	1	24101-060044	BALL BEARING #6004	1	1						
14	1	24101-062044	BALL BEARING #6204	1	1						
15	1	24161-252910	NEEDLE BEARING	2	2						
16	1	194306-13140	CIRCLIP 24-S	1	1						
17	1	194855-24150	WASHER 36X45.5X1.2	1	1						
18	1	194850-25760	BALL BEARING	1	1						
19	1	198435-26320	GEAR 23,P.T.O.	1	1						
20	1	198421-26371	SHAFT,UFO P.T.O.	1	1						
21	1	198421-26380	COLLAR 25.4X31.8X35	1	1						
22	1	1E6190-54160	WASHER 17.2X30X1.5	1	1						
23	1	24101-060054	BALL BEARING 6005	1	1						

Fig.40. MAIN CHANGE

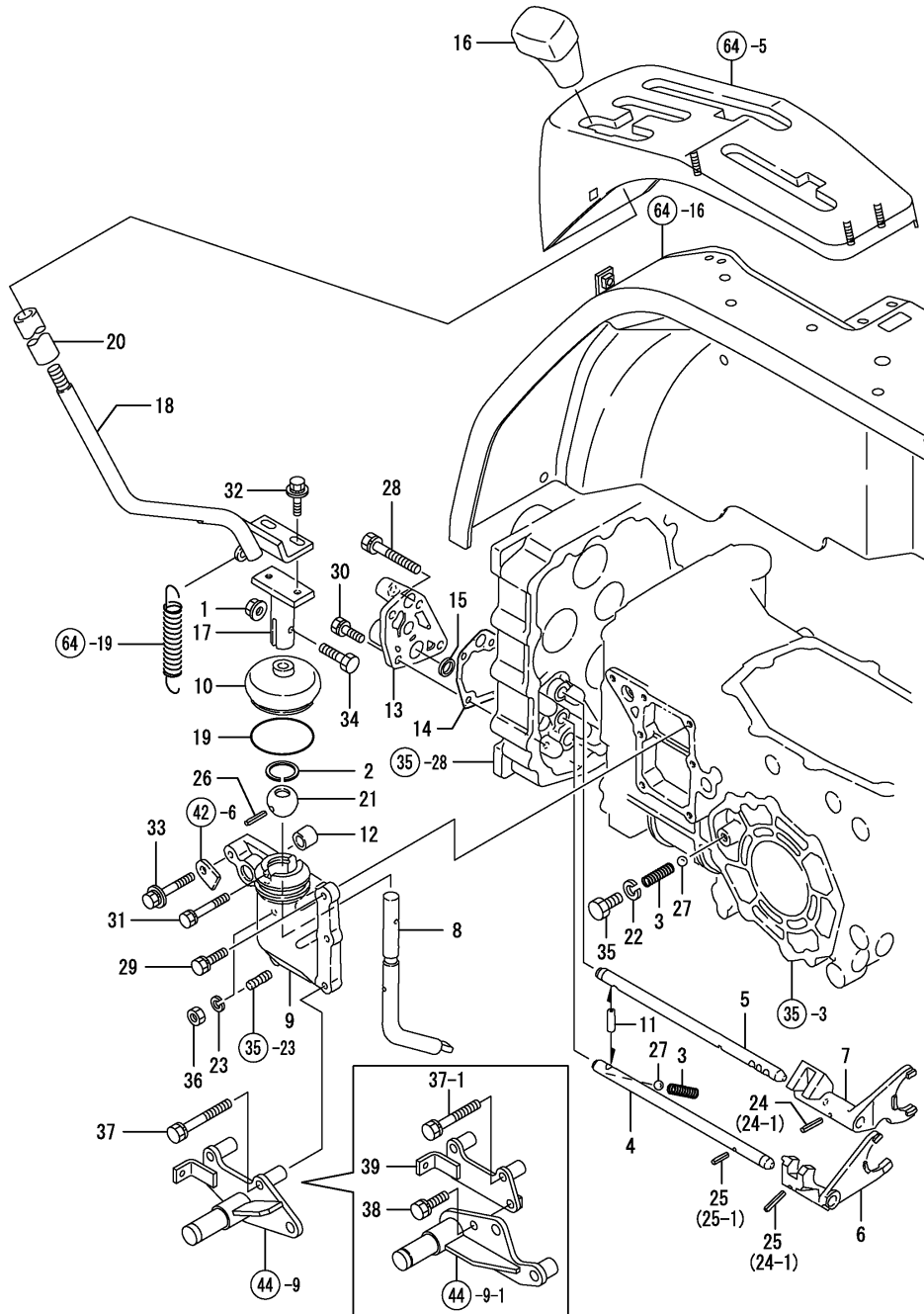
(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22050	NUT W/WASHER 8	1	1						
2	1	198421-27110	SPRING 38.4	1	1						
3	1	198163-27200	LEVER KIT,MAIN RANGE	1	1						
5	2	24550-018100	BUSH 18X10	2	2						
6	1	198421-27240	KNOB,MAIN CHG.LEVER	1	1						
7	1	198165-27350	LEVER TUBE	1	1						
8	1	198163-27510	BRACKET, LEVER	1	1						
9	1	198163-27520	SHAFT FORK,M.CHANGE	1	1						
10	1	198421-27521	ARM, SHIFT	1	1						
11	1	198163-27530	LEVER A,MAIN CHANGE	1	1						
I 11-1	1	198163-27531	LEVER A,MAIN CHANGE	1	1						N
		(A=FXXXXX) (B=FXXXXX)									
12	1	198163-27540	COLLAR	1	1						
13	1	198435-27551	FORK, SHIFT	1	1						
14	1	198163-27560	SPRING	1	1						
15	1	198163-27571	LEVER,MN CHANGE INNR	1	1						
I 15-1	1	198163-27572	LEVER, M.RANGE INNER	1	1						N
		(A=F110170) (B=F110222)									
16	1	198163-27630	LEVER,MAIN CHANGE	1	1						
17	1	194197-27681	PLATE, KEEP	1	1						
18	1	198163-27910	PIN	1	1						
19	1	198327-47930	PLATE, LINK	1	1						
20	1	22137-180000	WASHER 18	1	1						
21	1	22157-080000	WASHER 8	2	2						
22	1	22272-000150	CIRCLIP E-15	1	1						
23	1	22351-035025	SPRING PIN 3.5X25	2	2						
24	1	22351-060020	SPRING PIN 6X20	1	1						
25	1	22351-060025	SPRING PIN 6X25	2	2						
26	1	22360-100000	SNAP PIN 10	2	2						
27	1	24190-100001	BALL 5/16, STEEL	1	1						
28	1	24311-000125	O-RING 1A P-12.5	1	1						
29	1	26013-080202	BOLT W/WASHER M8X20	1	1						
30	1	26013-080252	BOLT M 8X 25	2	2						
31	1	26018-080202	BOLT M 8X 20	2	2						

Fig.41. SUB CHANGE



(A)=KE-140
(B)=KE-160
(C)=

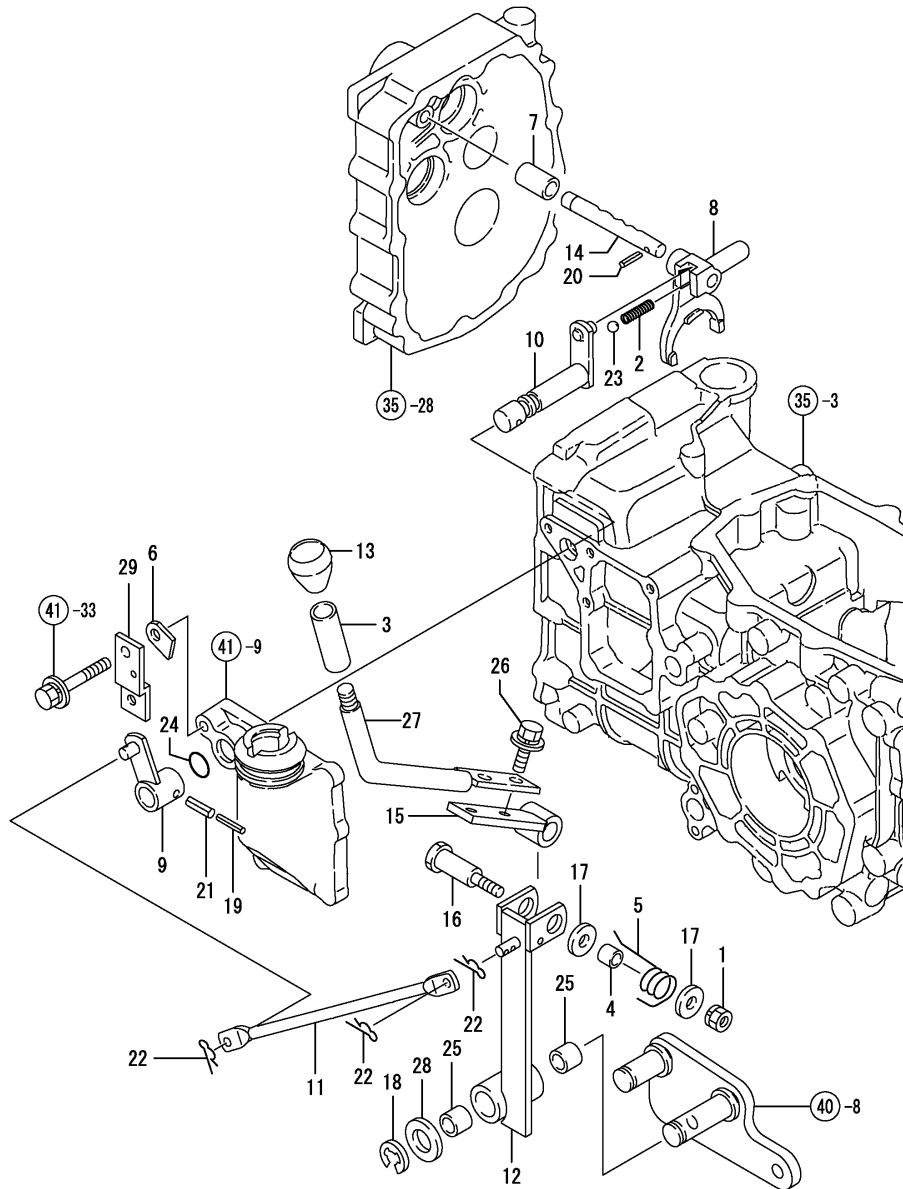
(D)=
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22140	NUT W/WASHER 8	1	1						
2	1	1A1040-26320	CIRCLIP 30-H	1	1						
3	1	198421-27110	SPRING 38.4	2	2						
4	1	198163-27120	SHAFT H,FORK	1	1						
5	1	198163-27130	SHAFT L,FORK	1	1						
6	1	198435-27142	FORK, SHIFT	1	1						
7	1	198435-27151	FORK, SHIFT L	1	1						
8	1	198421-27160	ARM,MAIN CHANGE	1	1						
9	1	198421-27170	CASE,MAIN CHANGE	1	1						
10	1	198421-27180	BOOT,RUBBER	1	1						
11	1	198421-27190	SPINDLE 8X16	1	1						
12	1	198421-27200	BUSH 17X19X15	1	1						
13	1	198425-27213	CASE,FORK SHAFT	1	1						
14	1	198421-27220	PACKING,FORK SHFT.CS	1	1						
I 14-1	1	198421-27221	PACKING, SHAFT CASE	1	1						N
		(A=FXXXXX) (B=FXXXXX)									
15	1	198425-27230	COLLAR,FORK SHAFT CS	1	1						
16	1	198421-27240	KNOB,MAIN CHG.LEVER	1	1						
17	1	198435-27260	LEVER,SUB-CHG.LOWER	1	1						
18	1	198163-27270	LEVER,SUB-CHANGE	1	1						
19	1	198425-27290	O RING 35	1	1						
20	1	198165-27360	LEVER TUBE	1	1						
21	1	1E6140-56230	BALL, SHIFTER	1	1						
22	1	22217-100000	SPRING WASHER 10	1	1						
23	1	22287-080000	LOCKING WASHER	1	1						
24	1	22351-050020	SPRING PIN 5X20	1	1						
I 24-1	1	22351-050020	SPRING PIN 5X20	2	2						K
		(A=F110170) (B=F110222)									
25	1	22351-050025	SPRING PIN 5X25	2	2						
I 25-1	1	22351-050025	SPRING PIN 5X25	1	1						K
		(A=F110170) (B=F110222)									
26	1	22351-060040	SPRING PIN 6X40	1	1						
27	1	24190-100001	BALL 5/16, STEEL	2	2						
28	1	26013-080552	BOLT M 8X 55	1	1						
29	1	26016-080252	BOLT M 8X 25	2	2						
30	1	26016-080252	BOLT M 8X 25	3	3						
31	1	26016-080402	BOLT M 8X 40	1	1						
32	1	26018-080202	BOLT M 8X 20	2	2						
33	1	26018-080452	BOLT 8X 45	1	1						
34	1	26116-080304	BOLT M8 X 30 PLATED	1	1						
35	1	26116-100122	BOLT M10X 12 PLATED	1	1						
36	1	26716-080002	NUT M 8	1	1						
37	1	26016-080552	BOLT M8X55	2	2						
I 37-1	1	26013-080502	BOLT M 8X 50	2	2						N
		(A=F110066) (B=F110041)									
I 38	1	26013-080202	BOLT W/WASHER M8X20	1	1						W
		(A=F110066) (B=F110041)									
I 39	1	198163-36510	SUPPORT ASSY, HOLDER	1	1						W
		(A=F110066) (B=F110041)									

Fig.42. P.T.O CHANGE

(A)=KE-140
(B)=KE-160
(C)=

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

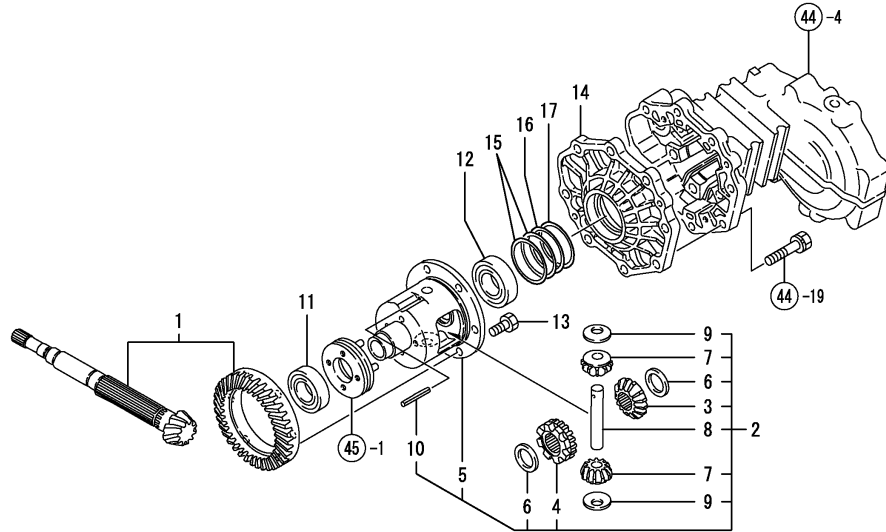


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22050	NUT W/WASHER 8	1	1						
2	1	198421-27110	SPRING 38.4	1	1						
3	1	198165-27350	LEVER TUBE	1	1						
4	1	198163-27540	COLLAR	1	1						
5	1	198163-27560	SPRING	1	1						
6	1	194197-27681	PLATE, KEEP	1	1						
7	1	198435-27700	COLLAR,P.T.O FK.SHAFT	1	1						
8	1	198435-27721	FORK, SHIFT	1	1						
9	1	198435-27731	ARM, P.T.O. SHIFT	1	1						
10	1	198435-27740	ARM,P.T.O.	1	1						
11	1	198435-27760	LINK,P.T.O.SHIFT	1	1						
12	1	198163-27790	LEVER,P.T.O.LOWER	1	1						
13	1	194420-27810	KNOB	1	1						
14	1	198163-27810	SHAFT,P.T.O.FORK	1	1						
15	1	198163-27840	LEVER,P.T.O.INNER	1	1						
16	1	198163-27910	PIN	1	1						
17	1	22157-080000	WASHER 8	2	2						
18	1	22272-000150	CIRCLIP E-15	1	1						
19	1	22351-035025	SPRING PIN 3.5X25	1	1						
20	1	22351-050020	SPRING PIN 5X20	1	1						
21	1	22351-060025	SPRING PIN 6X25	1	1						
22	1	22360-080000	SNAP PIN 8	3	3						
I 22-1	1	22372-080000	SNAP PIN (JASO 8)	3	3						N
		(A=F110517) (B=F110838)									
23	1	24190-100001	BALL 5/16, STEEL	1	1						
24	1	24311-000125	O-RING 1A P-12.5	1	1						
25	1	24550-018100	BUSH 18X10	2	2						
26	1	26018-080202	BOLT M 8X 20	2	2						
27	1	198163-27770	LEVER,P.T.O UPPER	1	1						
28	1	22137-180000	WASHER 18	1	1						
I 29	1	198163-27870	KEY	1	1						W
		(A=F110170) (B=F110222)									

Fig.43. RING GEAR & DIFFERENTIAL GEAR

(A)=KE-140
(B)=KE-160
(C)=

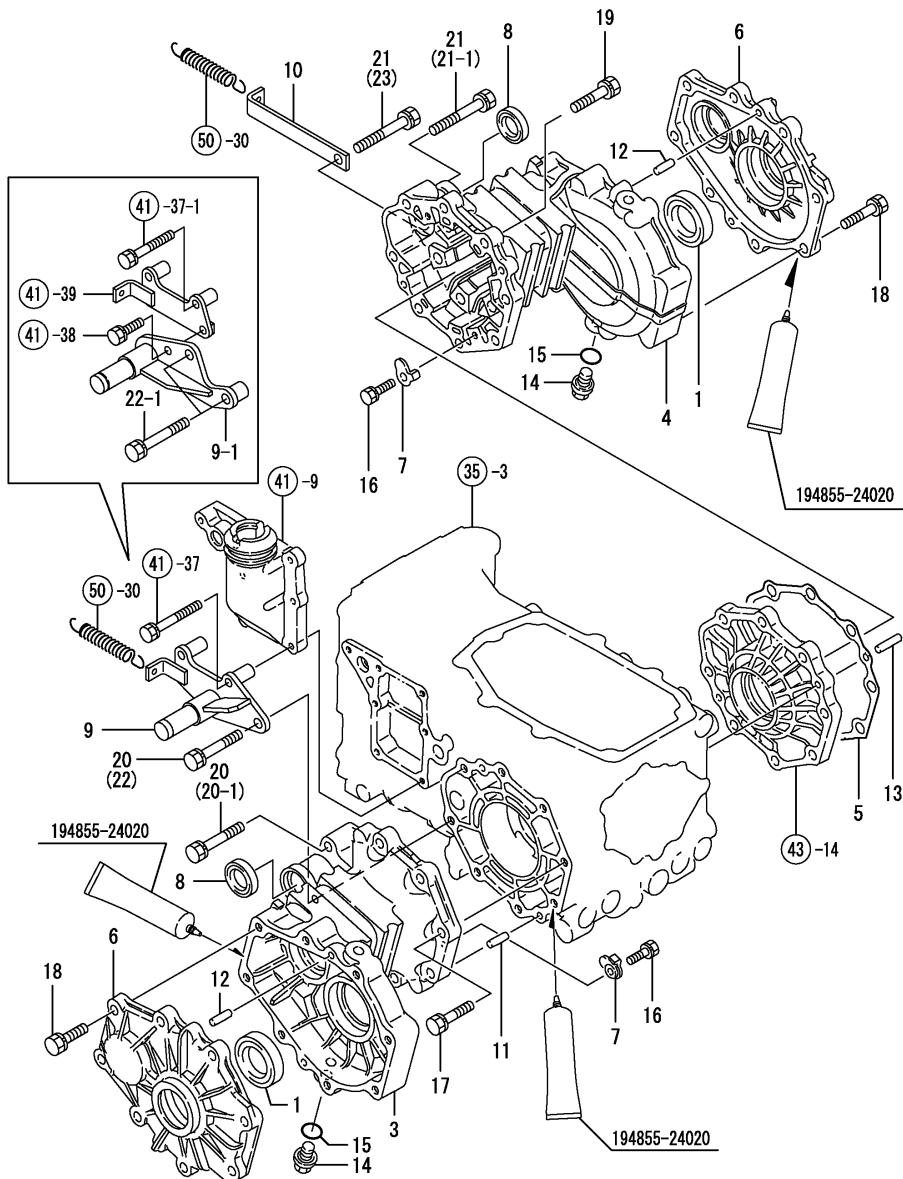
(D)=
(E)=
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198164-31340	GEAR ASSY,RING	1	1						
2	1	1A6780-31500	CASE ASSY,DIFF	1	1						
3	2	198421-31510	GEAR,DIFF.SIDE	1	1						
4	2	1A6780-31520	GEAR, DIFF.SIDE(LOCK	1	1						
5	2	198421-31530	CASE,DIFFERENTIAL	1	1						
6	2	198421-31550	LINER,DIFF.SIDE GEAR	2	2						
7	2	194300-31560	GEAR, DIFFERENTIAL	2	2						
8	2	194300-31570	SHAFT, DIFFERENTIAL	1	1						
9	2	194300-31620	WASHER, DIFFERENTIAL	2	2						
10	2	22351-040040	SPRING PIN 4X40	1	1						
11	1	24101-060064	BALL BEARING	1	1						
12	1	24101-060074	BALL BEARING	1	1						
13	1	26156-100162	BOLT M10X16	6	6						
14	1	198165-32311	CARRIER,DIFFERENTIAL	1	1						
15	1	198421-32320	SHIM 0.1,DIF.CARRIER	2	2						1
16	1	198421-32330	SHIM 0.3,DIF.CARRIER	1	1						1
17	1	198421-32340	SHIM 0.5,DIF.CARRIER	1	1						1

Remarks
(1) SELECT PARTS

Fig.44. REAR HOUSING



OCNP3-G97000 44. REAR HOUSING

(A)=KE-140
(B)=KE-160
(C)=

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

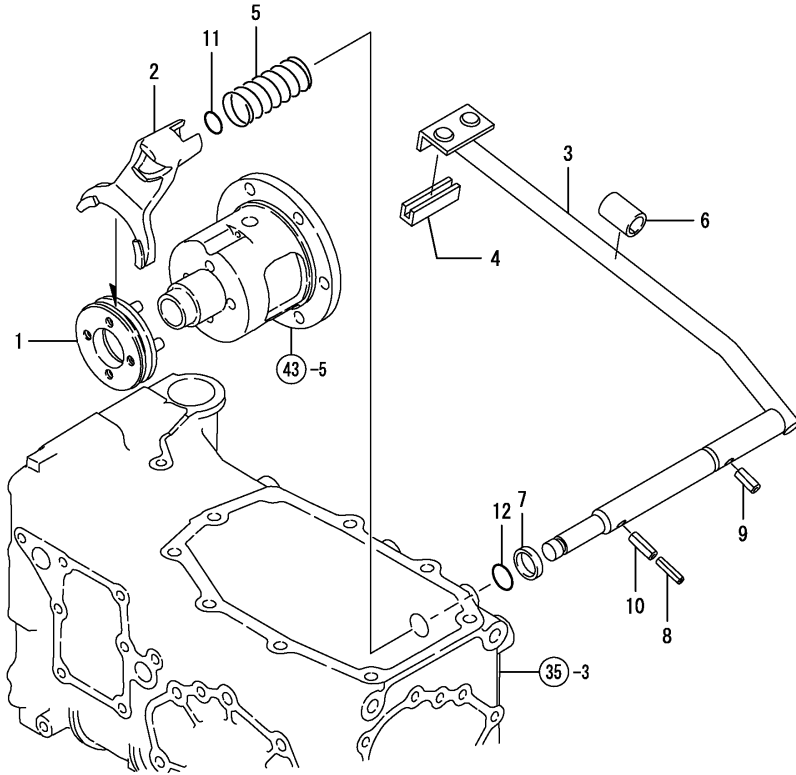
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194447-13650	SEAL TC6Y445711.5	2	2						
3	1	198165-32610	HOUSING L,REAR AXLE	1	1						
4	1	198165-32620	HOUSING R,REAR AXLE	1	1						
5	1	198421-32630	PACKING,HOUSING	1	1						
6	1	198425-32640	COVER,REAR AXLE	2	2						
7	1	198421-32660	STOPPER,STEEL PLATE	4	4						
8	1	198290-32750	SEAL TC253506,OIL	2	2						
9	1	198163-36550	HOLDER, CAM LEVER A	1	1						
I 9-1	1	198163-36551	HOLDER, CAM LEVER A	1	1						S
		(A=F110066) (B=F110041)									
I 9-2	1	198163-36552	STAY	1	1						N
		(A=F110170) (B=F110089)									
10	1	198163-36590	PLATE, HOOK	1	1						
I 10-1	1	198163-36610	PLATE, HOOK	1	1						N
		(A=F110066) (B=F110041)									
11	1	22312-080180	PARALLEL PIN 8X16	2	2						
12	1	22312-080200	PARALLEL PIN 8X20	4	4						
13	1	22312-080320	PARALLEL PIN 8X32	2	2						
14	1	23491-140002	PLUG 14	2	2						
15	1	24311-000160	O-RING 1A P-16.0	2	2						
16	1	26013-080202	BOLT W/WASHER M8X20	4	4						
17	1	26013-100402	BOLT M10X 40	6	6						
I 17-1	1	26013-100402	BOLT M10X 40	5	5						K
		(A=F110066) (B=F110041)									
18	1	26013-100402	BOLT M10X 40	16	16						
19	1	26013-100502	BOLT M10X 50	6	6						
20	1	26013-100552	BOLT M10X 55	2	2						
I 20-1	1	26013-100552	BOLT M10X 55	1	1						K
		(A=F110170) (B=F110089)									
21	1	26013-100652	BOLT 10X65 W/SP.WSHR	2	2						
I 21-1	1	26013-100652	BOLT 10X65 W/SP.WSHR	1	1						K
		(A=F110066) (B=F110041)									
I 22	1	26013-100602	BOLT M10X 60	1	1						W
		(A=F110066) (B=F110041)									
I 22-1	1	26013-100602	BOLT M10X 60	2	2						K
		(A=F110170) (B=F110089)									
I 23	1	26013-100702	BOLT 10X70 W/SP.WSHR	1	1						W
		(A=F110066) (B=F110041)									
I 23-1	1	26016-100702	BOLT M10X 70	1	1						N
		(A=F110220) (B=F110278)									

Fig.45. DIFFERENTIAL LOCK

0CNP3-G97000 45. DIFFERENTIAL LOCK

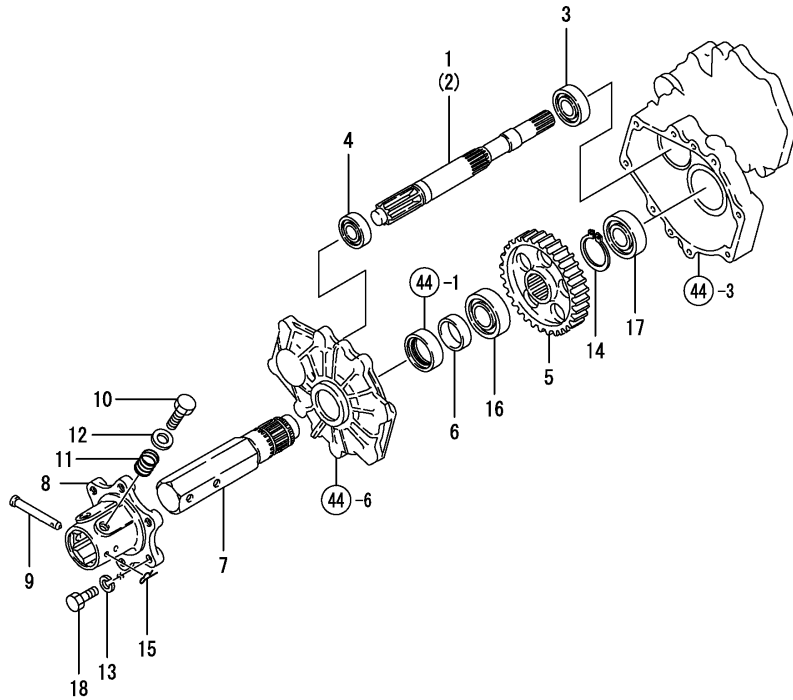
(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198421-33110	SLIDER,DIFF.LOCK	1	1						
2	1	198421-33120	FORK,DIFF.LOCK SHIFT	1	1						
3	1	198162-33130	PEDAL, DIFF. LOCK	1	1						
4	1	198162-33140	RUBBER 50,EDGE	1	1						
I 4-1	1	1A6750-61830	RUBBER	1	1						N
		(A=F110231) (B=F110297)									
5	1	198421-33140	SPRING,DIFF.LOCK	1	1						
6	1	198421-33150	PIPE,VINYL	1	1						
7	1	198421-33170	SPACER 20X25X3.2	1	1						
8	1	22351-050040	SPRING PIN 5X40	1	1						
9	1	22351-080032	SPRING PIN 8X32	1	1						
10	1	22351-080040	SPRING PIN 8X40	1	1						
11	1	24311-000110	O-RING 1A P-11.0	1	1						
12	1	24311-000160	O-RING 1A P-16.0	1	1						

Fig.46. FINAL PINION & FINAL GEAR



0CNP3-G97000 46. FINAL PINION & FINAL GEAR

(A)=KE-140
(B)=KE-160
(C)=

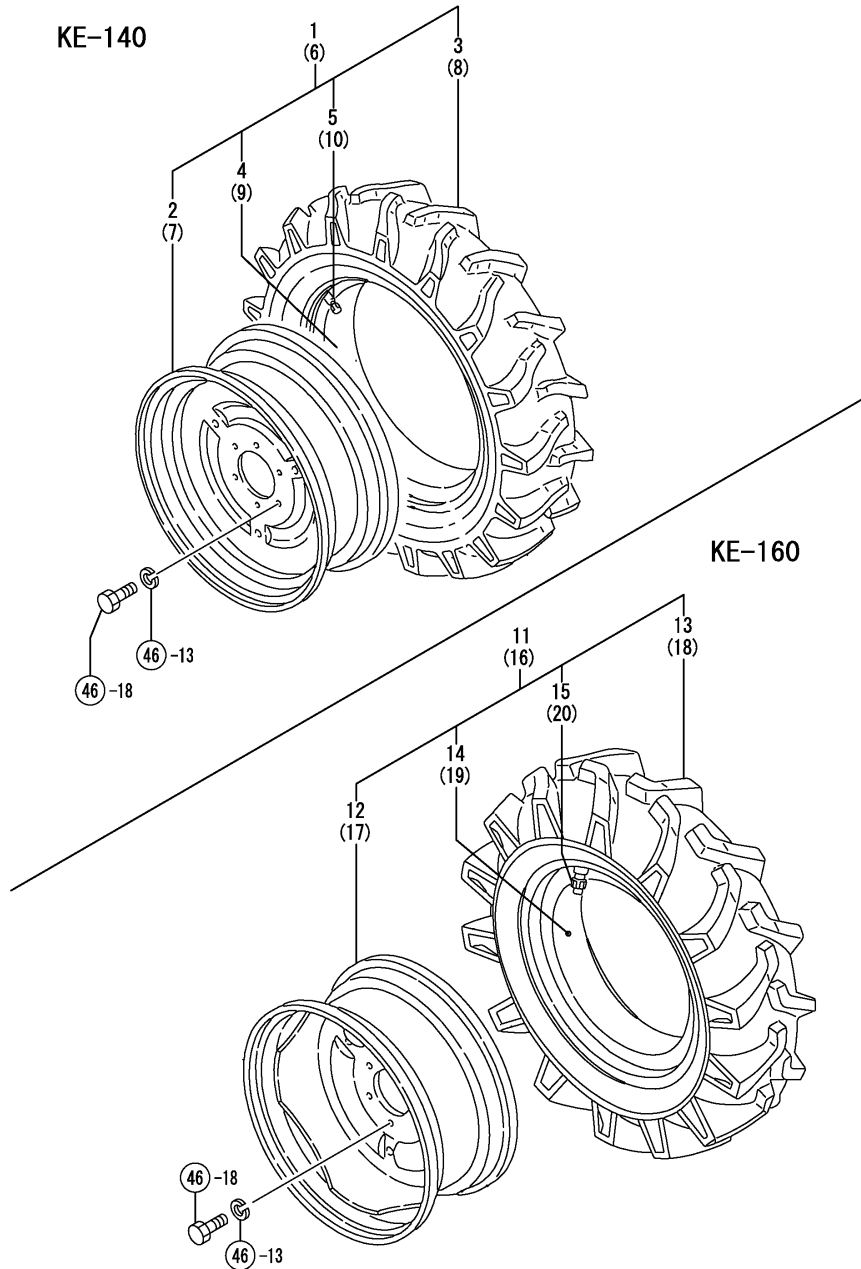
(D)=
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198164-33410	PINION,FINAL	1	1						
2	1	198164-33420	PINION, FINAL	1	1						
3	1	24101-060060	BALL BEARING	2	2						
4	1	24101-062040	BALL BEARING	2	2						
5	1	198164-33510	GEAR,FINAL	2	2						
6	1	194447-13640	SLEEVE SI404415	2	2						
7	1	198421-34110	SHAFT,REAR AXLE	2	2						
8	1	198425-34730	HUB, WHEEL	2	2						
9	1	194200-34750	PIN 10X78	2	2						
10	1	1A1040-36010	BOLT, FLANGE	4	4						
11	1	1A1040-36040	SPRING, FLANGE BOLT	4	4						
12	1	22137-160000	WASHER 16,POLISHED	4	4						
13	1	22217-120000	SPRING WASHER 12	12	12						
14	1	22242-000400	CIRCLIP 40	2	2						
15	1	22372-100000	SNAP PIN 10	2	2						
16	1	24101-060080	BALL BEARING	2	2						
17	1	24101-062060	BALL BEARING	2	2						
18	1	26156-120252	BOLT M12X 25 PLATED	12	12						

Fig.47. REAR WHEEL TIRE

(A)=KE-140
(B)=KE-160
(C)=

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

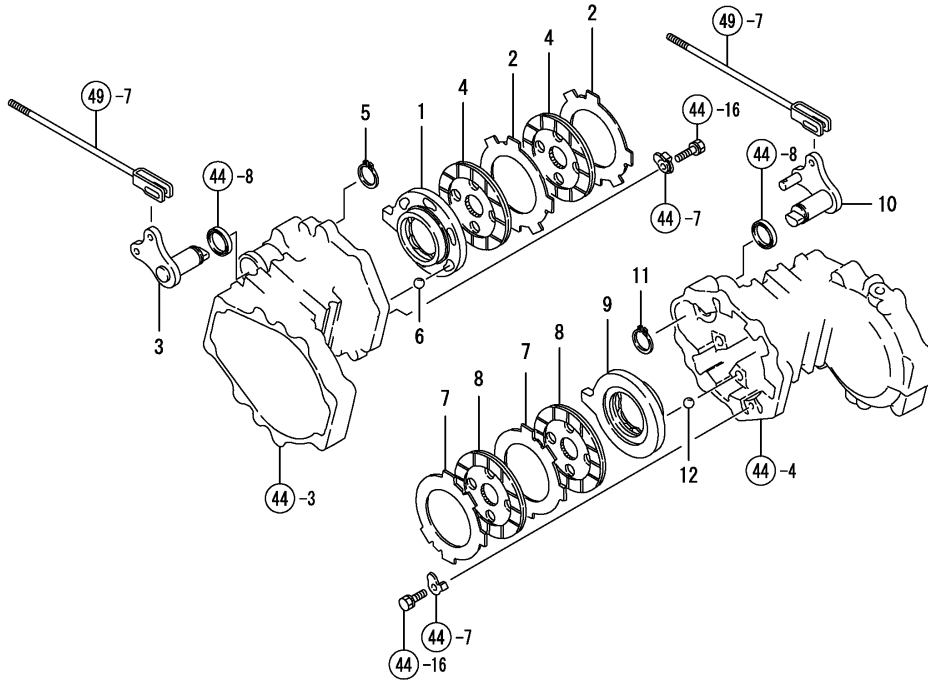


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198425-34911	TIRE L CMP.,REAR WHL	1							
2	2	198425-34931	WHEEL	1							
3	2	198421-34950	TIRE 7-16	1							
4	2	198421-34960	TUBE	1							
5	2	194190-34730	HOUSING,CORE	1							
6	1	198425-34921	TIRE R CMP.,REAR WHL	1							
7	2	198425-34931	WHEEL	1							
8	2	198421-34950	TIRE 7-16	1							
9	2	198421-34960	TUBE	1							
10	2	194190-34730	HOUSING,CORE	1							
11	1	198435-34730	TIRE L CMP.,RR.WHEEL		1						
12	2	198435-34720	WHEEL 5JA*16WDC		1						
13	2	198435-34750	TIRE,8-16FL15		1						
14	2	198431-34830	TUBE		1						
15	2	194190-34730	HOUSING,CORE		1						
16	1	198435-34830	TIRE R CMP.,RR.WHEEL		1						
17	2	198435-34720	WHEEL 5JA*16WDC		1						
18	2	198435-34750	TIRE,8-16FL15		1						
19	2	198431-34830	TUBE		1						
20	2	194190-34730	HOUSING,CORE		1						

Fig.48. BRAKE

(A)=KE-140
(B)=KE-160
(C)=

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

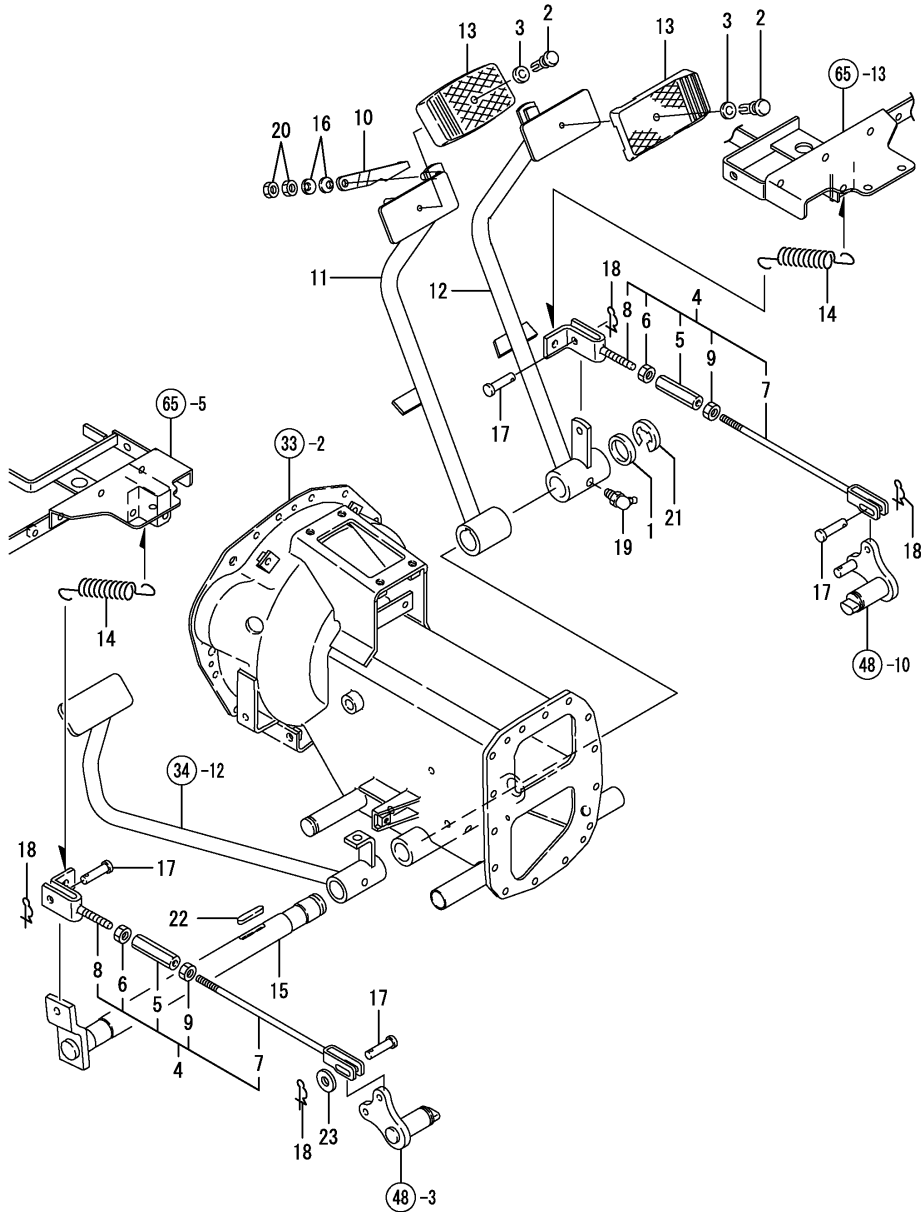


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198421-36310	ACTUATOR L	1	1						
2	1	198421-36321	PLATE 2.6P	2	2						
3	1	198165-36350	SHAFT,CAM LEVER LH	1	1						
4	1	198421-36380	PLATE 116, FRICTION	2	2						
5	1	22242-000250	CIRCLIP 25S	1	1						
6	1	24190-160001	BALL 1/2	6	6						
7	1	198421-36321	PLATE 2.6P	2	2						
8	1	198421-36380	PLATE 116, FRICTION	2	2						
9	1	198421-36410	ACTUATOR (R)	1	1						
10	1	198165-36450	SHAFT,CAM LEVER RH	1	1						
11	1	22242-000250	CIRCLIP 25S	1	1						
12	1	24190-160001	BALL 1/2	6	6						

Fig.49. BRAKE PEDAL

(A)=KE-140
(B)=KE-160
(C)=

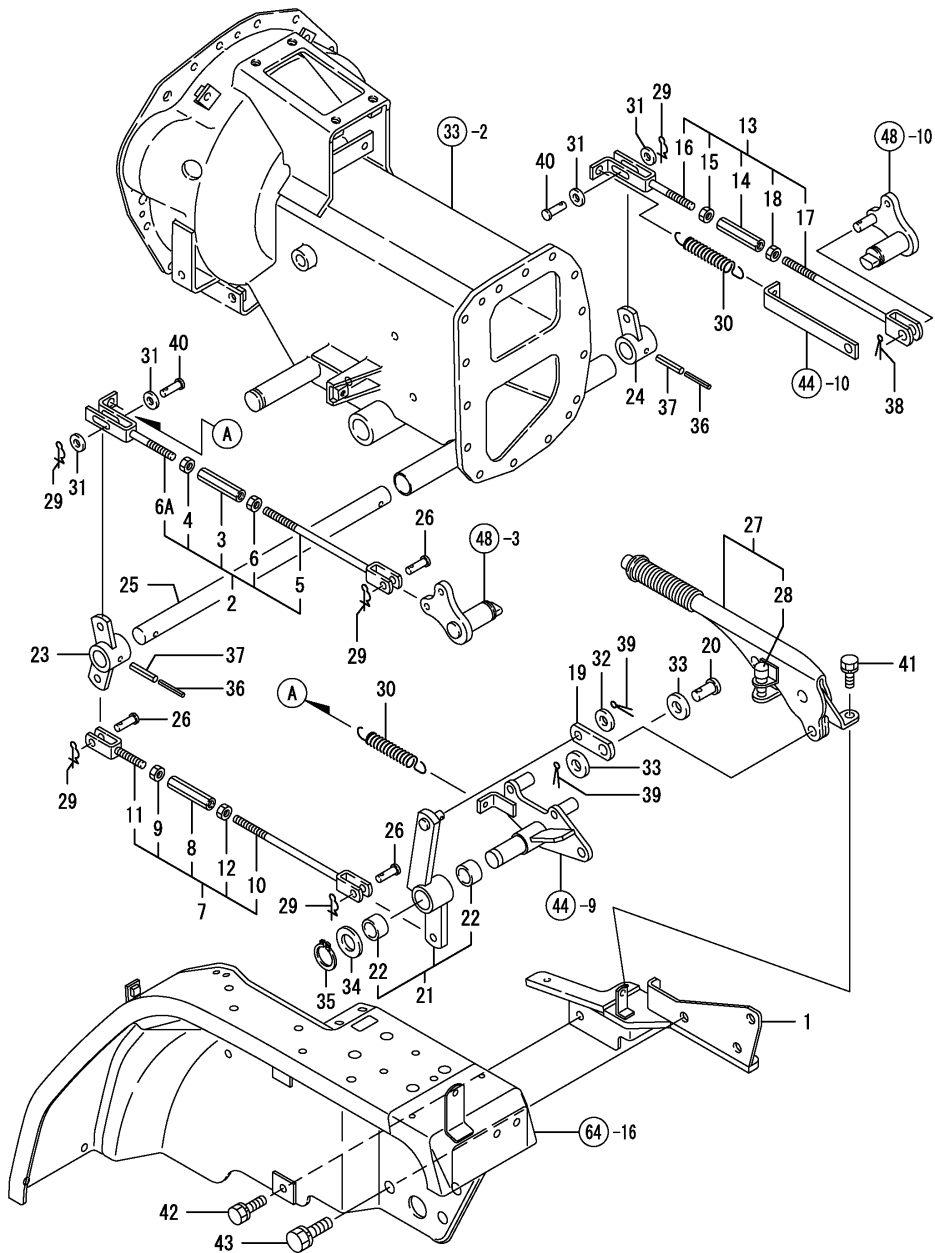
(D)=
(E)=
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1C6140-14050	SPACER 25.2X34X2	1	1						
2	1	198133-22510	RIVET,PEDAL HEAD	2	2						
3	1	198133-22530	WASHER,RIVET	2	2						
4	1	198163-36150	ROD, BRAKE A CMP	2	2						
5	2	194740-00322	TURNBUCKLE	2	2						
6	2	194990-20170	NUT W/WASHER 8	2	2						
7	2	198163-36210	ROD, BRAKE R.H	2	2						
8	2	198421-37750	SCREW,BRAKE ROD L	2	2						
9	2	26716-080002	NUT M 8	2	2						
10	1	198162-37340	CONNECTOR, B. PEDAL	1	1						
11	1	198163-37350	PEDAL ASSY, BRAKE L	1	1						
12	1	198163-37450	PEDAL ASSY, BRAKE R	1	1						
13	1	198071-37510	COVER,PEDAL HEAD	2	2						
14	1	198421-37511	SPRING,RETURN	2	2						
15	1	198421-37550	SHAFT,BRAKE PEDAL	1	1						
16	1	194300-37570	SPRING, CONICAL	2	2						
17	1	194080-37781	PIN 8X25	4	4						
18	1	1C6281-52320	PIN 8,COME-OFF SNAP	4	4						
19	1	24761-040000	NIPPLE B,GREASE	1	1						
20	1	26716-080002	NUT M 8	2	2						
21	1	22272-000190	CIRCLIP E-19	1	1						
22	1	22512-070400	KEY 7X 40	1	1						
I 23	1	1C6053-32020	WASHER 8.5X20X3.2	1	1						W

(A=F110170) (B=F110089)

Fig.50. PARKING BRAKE

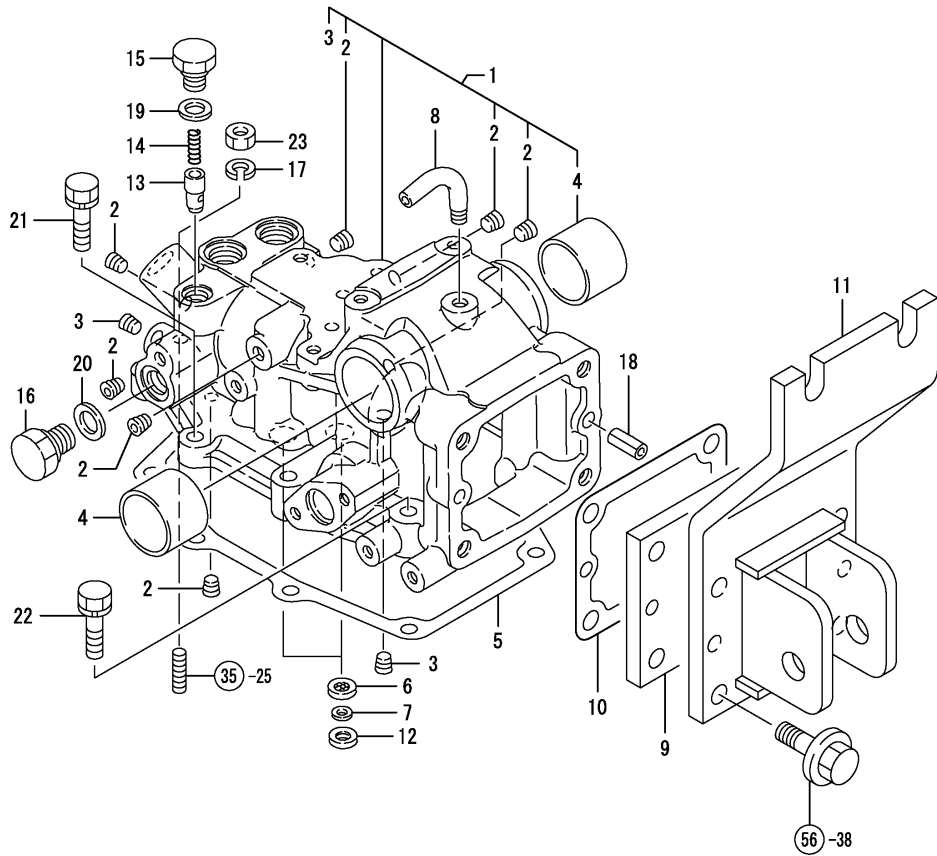


(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-36100	HOLDER, BRAKE CMP	1	1						
2	1	198163-36160	ROD, P.B LA CMP	1	1						
3	2	194740-00322	TURNBUCKLE	1	1						
4	2	194990-20170	NUT W/WASHER 8	1	1						
5	2	198163-36230	ROD, LINK B R	1	1						
6	2	26716-080002	NUT M 8	1	1						
6A	2	198165-36220	ROD A	1	1						
7	1	198163-36170	ROD, P.B LB CMP	1	1						
8	2	194740-00322	TURNBUCKLE	1	1						
9	2	194990-20170	NUT W/WASHER 8	1	1						
10	2	198163-36230	ROD, LINK B R	1	1						
11	2	198165-36250	ROD D	1	1						
12	2	26716-080002	NUT M 8	1	1						
13	1	198163-36180	ROD, P.B R CMP	1	1						
14	2	194740-00322	TURNBUCKLE	1	1						
15	2	194990-20170	NUT W/WASHER 8	1	1						
16	2	198165-36220	ROD A	1	1						
17	2	198163-36240	ROD, LINK C R	1	1						
18	2	26716-080002	NUT M 8	1	1						
19	1	198165-36180	PLATE	1	1						
20	1	198165-36190	PIN	1	1						
21	1	198163-36650	LEVER ASSY, CAM A	1	1						
22	2	24550-020150	BUSH 20X15	2	2						
23	1	198163-36710	LEVER, BRAKE CAM L	1	1						
24	1	198163-36720	LEVER, BRAKE CAM R	1	1						
25	1	198165-36780	SHAFT,CAM LEVER	1	1						
26	1	194080-37781	PIN 8X25	3	3						
27	1	172512-42500	LEVER, PARKING	1	1						
28	2	172512-42650	SWITCH SET	1	1						
29	1	1C6281-52320	PIN 8,COME-OFF SNAP	5	5						
30	1	198421-62410	SPRING 12X100,TENSN	2	2						
31	1	22137-080000	WASHER 8, POLISHED	4	4						
32	1	22137-100000	WASHER 10,POLISHED	1	1						
33	1	22137-120000	WASHER 12,POLISHED	2	2						
34	1	22137-200000	WASHER 20,POLISHED	1	1						
35	1	22242-000200	CIRCLIP 20	1	1						
36	1	22351-035032	SPRING PIN 3.5X32	2	2						
37	1	22351-060032	SPRING PIN 6X32	2	2						
38	1	22417-200320	COTTER PIN 2.0X32	1	1						
I 38-1	1	22417-250250	COTTER PIN 2.5X25	1	1						N
		(A=F110170) (B=F110089)									
39	1	22417-250320	COTTER PIN 2.5X 32	2	2						
I 39-1	1	22417-250250	COTTER PIN 2.5X25	2	2						N
		(A=F110170) (B=F110089)									
40	1	22487-080240	PIN 8X 24	2	2						
41	1	26013-080162	BOLT W/WASHER M8X16	2	2						
42	1	26013-100202	BOLT W/WASHER M10X20	1	1						
43	1	26013-120302	BOLT W/WASHER M12X30	3	3						

Fig.51. HYDRAULIC CYLINDER CASE



(A)=KE-140
(B)=KE-160
(C)=

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

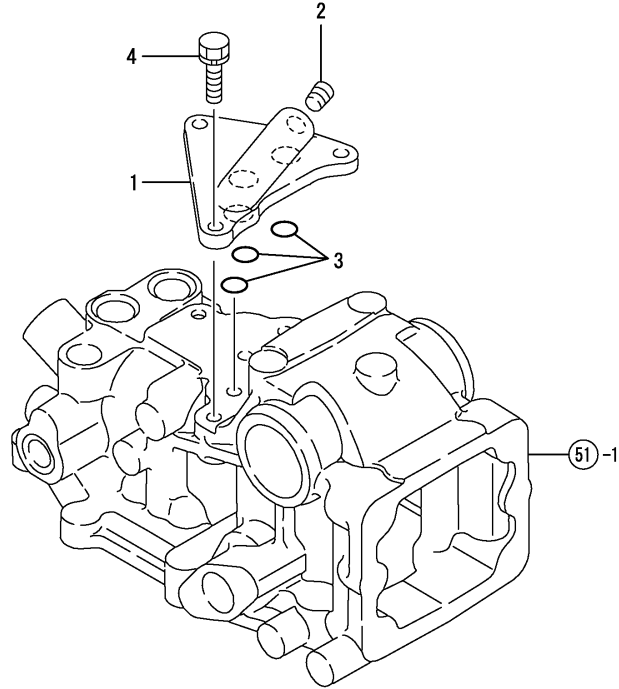
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198421-42102	CASE, HYDRAULIC CYL.	1	1						
2	2	23871-010000	PLUG PT1/8, SCREW	7	7						
3	2	23871-020000	PLUG PT1/4, SCREW	2	2						
4	2	24550-040300	BUSH 40X30	2	2						
5	1	198165-42120	PACKING, CYLINDER	1	1						
6	1	194850-42180	STRAINER	2	2						
7	1	194850-42190	SPACER	2	2						
8	1	194205-42280	PIPE, AIR BREATHER	1	1						
I	8-1	1	198163-42950	PIPE, AIR BREATHER	1	1					N
		(A=F110170)	(B=F110222)								
9	1	198163-42810	PLATE, KEEP CMP	1	1						
10	1	194151-42832	GASKET, (NON-ASB.)	1	1						
11	1	198163-42850	HINGE, TOP LINK CMP	1	1						
12	1	194630-43230	PACKING	2	2						
13	1	194310-46350	POPPET, CHECK	1	1						
14	1	194310-46380	SPRING	1	1						
15	1	194310-46730	PLUG 14	1	1						
16	1	194312-46750	PLUG PF3/8	1	1						
17	1	22217-100000	SPRING WASHER 10	1	1						
18	1	22351-100025	SPRING PIN 10X25	2	2						
19	1	23414-140018	GASKET 14	1	1						
20	1	23414-170022	GASKET 17	1	1						
21	1	26016-100352	BOLT M10X 35	4	4						
22	1	26016-100452	BOLT M10X 45	4	4						
23	1	26716-100002	NUT 10	1	1						

Fig.52. HYDRAULIC SIDE COVER

0CNP3-G97000 52. HYDRAULIC SIDE COVER

(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198425-42220	COVER,HYD.CASE TOP	1	1						
2	1	23871-010000	PLUG PT1/8,SCREW	1	1						
3	1	24315-000110	O-RING 1B P-11.0	3	3						
4	1	26013-080252	BOLT M 8X 25	3	3						

Fig.53. PISTON & LIFT CRANK

(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-43310	PISTON W/RINGS	1	1						
2	1	24315-000460	PACKING	1	1						
3	1	24372-000460	BACK UP RING T2 P	1	1						
4	1	198421-43410	ROD,PISTON	1	1						
5	1	198421-44110	CRANK,LIFT	1	1						
6	1	198421-44211	SHAFT,LIFT	1	1						
7	1	198421-44230	LINER 30X55X3	2	2						
8	1	198421-44250	SLEEVE,LIFT SHAFT	2	2						
9	1	198421-44410	ARM,LIFT	2	2						
10	1	194197-44610	WASHAR (43)	1	1						
11	1	22351-050040	SPRING PIN 5X40	1	1						
12	1	24311-000224	O-RING 1A P-22.4	1	1						
13	1	24341-000315	O-RING 1A S-31.5	2	2						
14	1	24351-020400	O-RING 1A 2040	4	4						
15	1	26013-100252	BOLT W/WASHER M10X25	2	2						

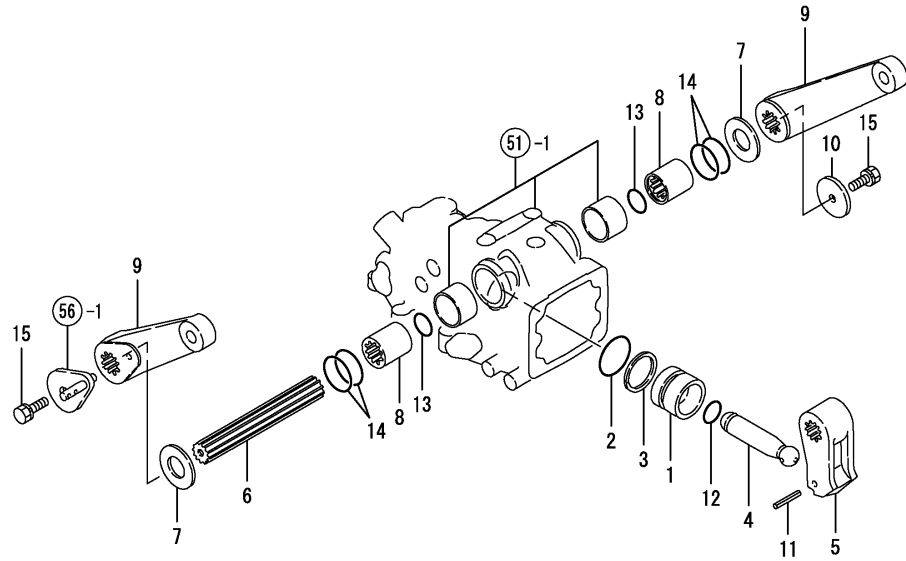
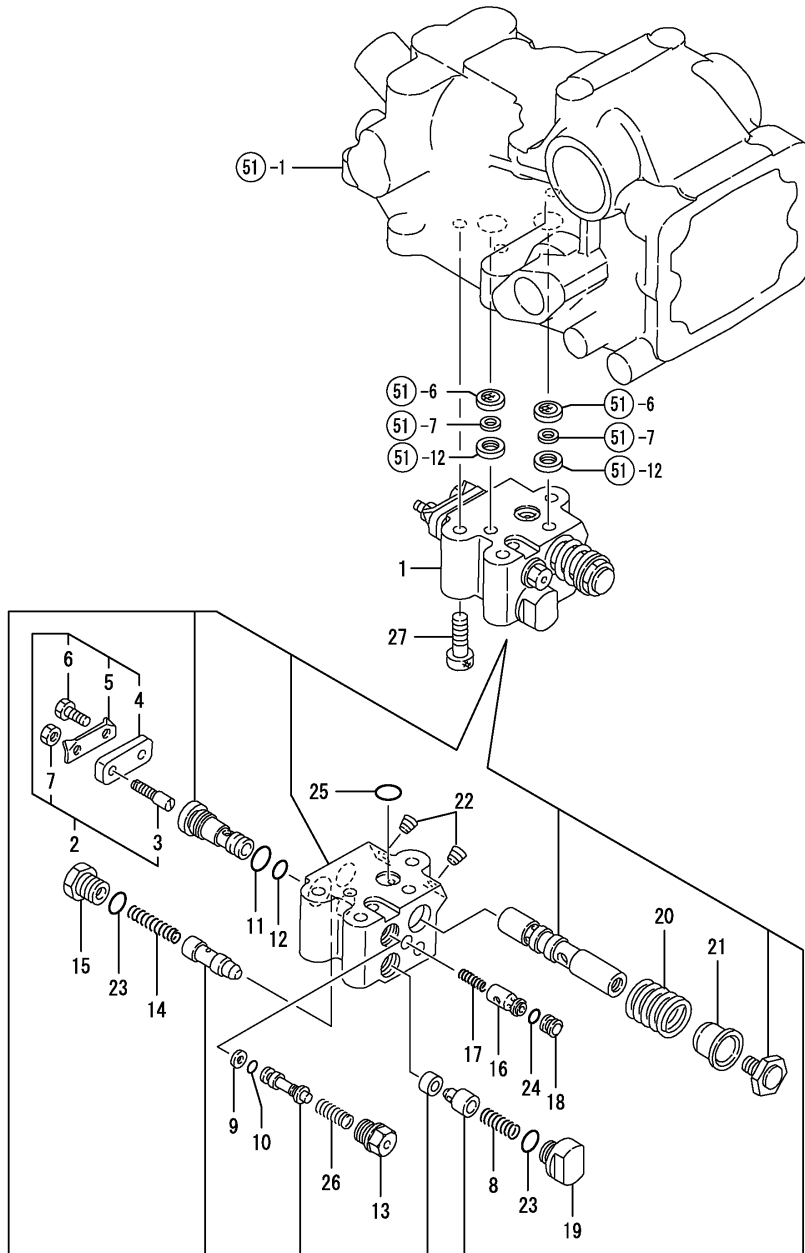


Fig.54. CONTROL VALVE

(A)=KE-140
(B)=KE-160
(C)=

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

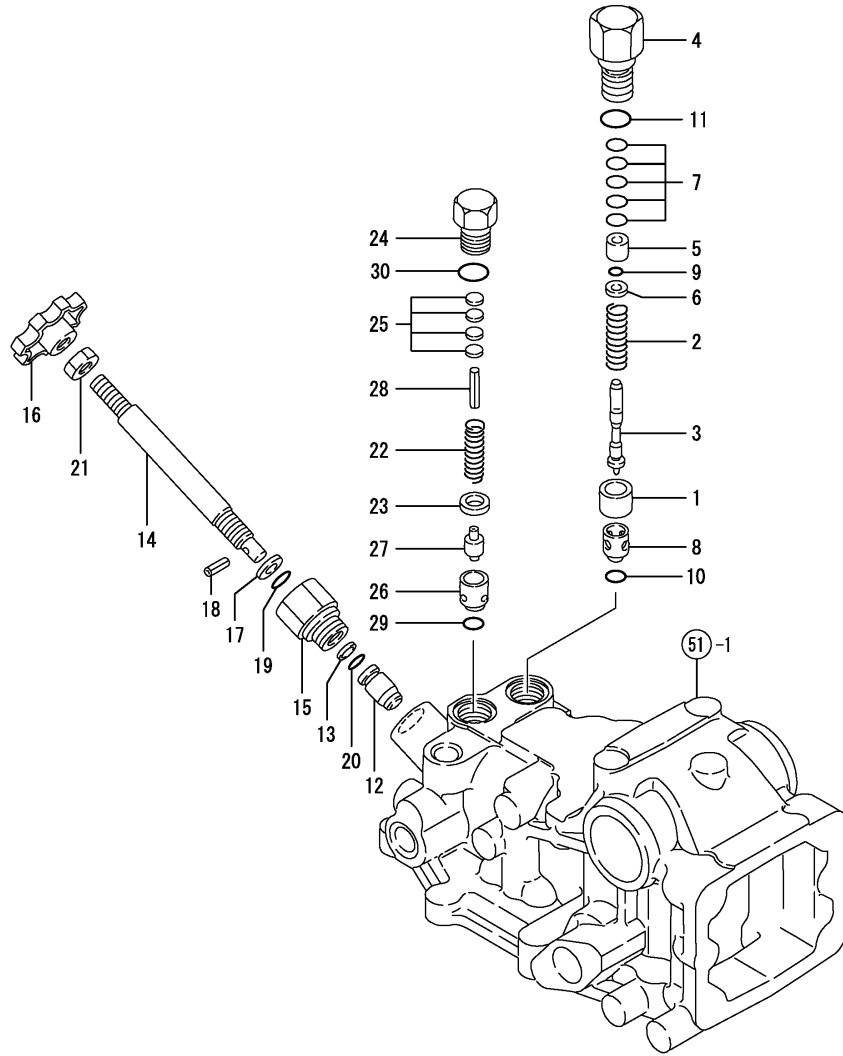


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198435-45201	VALVE ASSY, CONTROL	1	1						
2	2	1A6640-25210	BAR ASSY, PUSH	1	1						
3	3	194170-45220	BAR, PUSH	1	1						
4	3	194170-45550	BAR, SPOOL	1	1						
5	3	194170-45560	WASHER 12X40X0.6	1	1						
6	3	26116-060162	BOLT 6X16	1	1						
7	3	26756-060002	LOCK NUT 6	1	1						
8	2	1A6640-45230	VALVE, SP FLW.DIVID.	1	1						
9	2	194170-45430	RING, BACK UP	1	1						
10	2	24311-000050	O-RING 1A P-5.0	1	1						
11	2	24311-000140	O-RING 1A P-14.0	1	1						
12	2	24341-000112	O-RING 1A S-11.2	1	1						
I 12-1	2	168245-45400	O-RING S-11.2	1	1						N
		(A=FXXXXXX) (B=F110173)									
13	2	198421-45440	HOLDER, M.CHECK	1	1						
14	2	194170-45321	SPRING	1	1						
15	2	194850-45330	PLUG	1	1						
16	2	194170-45350	SPOOL	1	1						
17	2	194170-45360	SPRING	1	1						
18	2	194170-45370	PLUG	1	1						
19	2	194170-45440	PLUG	1	1						
20	2	194940-45520	SPRING,SPOOL	1	1						
21	2	194850-45560	HOLDER	1	1						
22	2	23871-010000	PLUG PT1/8,SCREW	2	2						
23	2	24311-000120	O-RING 1A P 12.0	2	2						
24	2	24315-000070	O-RING 1B P-7.0	1	1						
25	2	24315-000110	O-RING 1B P-11.0	1	1						
26	2	194170-45230	SPRING	1	1						
27	1	26450-080252	BOLT M 8X 25	3	3						

Fig.55. VALVE(RELIEF,STOP,SAFETY)

(A)=KE-140
(B)=KE-160
(C)=

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

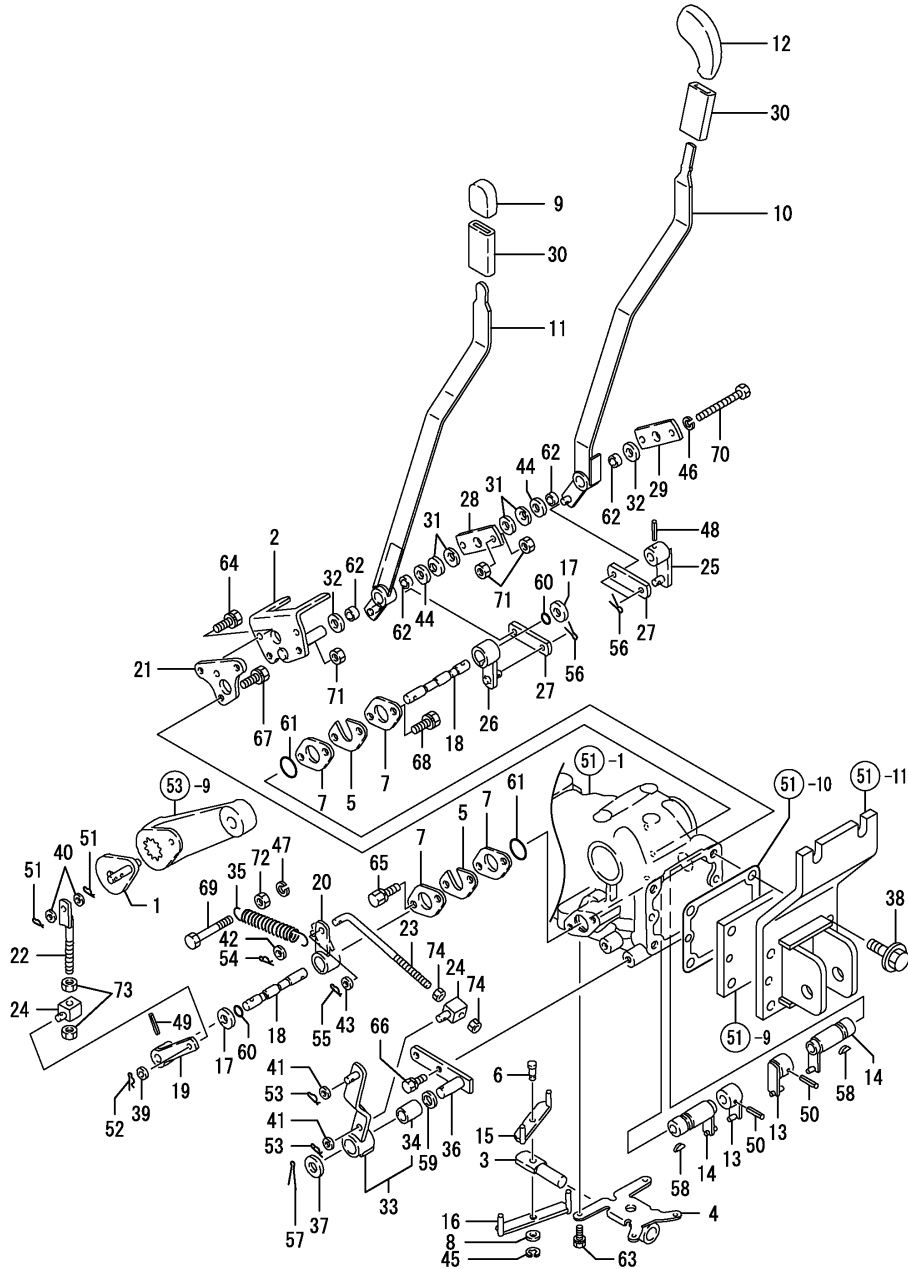


REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198220-45340	COLLAR, VALVE SEAT	1	1						
2	1	198163-45610	SPRING,RELIEF VALVE	1	1						
3	1	194195-45620	POPPET	1	1						
4	1	198220-45630	PLUG, RELIEF VALVE	1	1						
5	1	194195-45640	SEAT, SPRING	1	1						
6	1	194195-45650	WASHER	1	1						
7	1	194850-45700	SHIM PACK	1	1						
8	1	194195-46260	SEAT, RELIEF VALVE	1	1						
9	1	194850-49230	O-RING 6X1.8	1	1						
10	1	24311-000120	O-RING 1A P 12.0	1	1						
11	1	24311-000180	O-RING 1A P-18.0	1	1						
12	1	198421-46302	VALVE, STOP	1	1						
13	1	194180-46320	RING, BACK UP	1	1						
14	1	194640-46620	BOLT, STOP	1	1						
15	1	194312-46630	HOLDER,VALVE (43)	1	1						
I	16	198220-46670	KNOB	1	1						
17	1	22117-080000	WASHER 8	1	1						
18	1	22351-040012	SPRING PIN 4X12	1	1						
19	1	24311-000120	O-RING 1A P 12.0	1	1						
20	1	24315-000100	O-RING 1B P-10.0	1	1						
21	1	26716-100002	NUT 10	1	1						
22	1	194150-45320	SPRING, RELIEF VALVE	1	1						
23	1	198220-45350	COLLAR	1	1						
24	1	198220-45370	PLUG, SAFETY VALVE	1	1						
25	1	198220-46400	SHIM PACK	1	1						
26	1	194640-46410	SEAT, SAFETY VALVE	1	1						
27	1	194640-46420	POPPET, SAFETY VALVE	1	1						
28	1	22351-060028	SPRING PIN 6X28	1	1						
29	1	24311-000120	O-RING 1A P 12.0	1	1						
30	1	24311-000180	O-RING 1A P-18.0	1	1						

Fig.56. HYDRAULIC CONTROL

(A)=KE-140
(B)=KE-160
(C)=

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



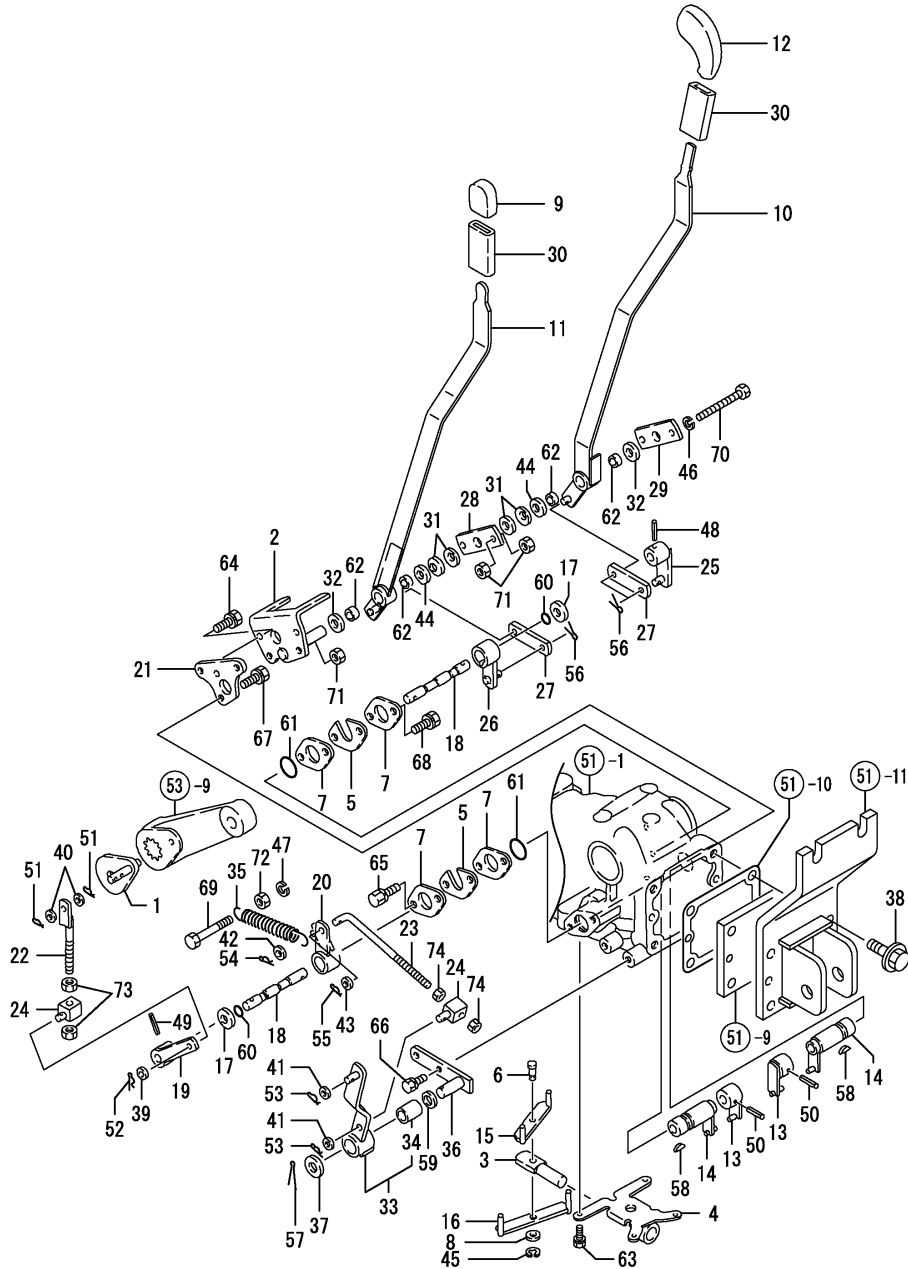
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198431-44510	ARM,FEEDBACK	1	1						
2	1	198435-47310	STOPPER, CONTROL	1	1						
3	1	198431-47320	ROD,CONTROL	1	1						
4	1	198431-47330	PLATE	1	1						
5	1	194555-47340	PLATE (A)	2	2						
6	1	198431-47340	PIN,CONTROL	1	1						
7	1	194555-47350	PLATE	4	4						
8	1	198431-47350	WASHER	1	1						
9	1	198435-47350	KNOB,AUTO-ROTARY	1	1						
10	1	198163-47360	LEVER,PRESS.CONTROL	1	1						
11	1	198163-47370	LEVER,DIFF.CONTROL	1	1						
I	12	194215-47380	KNOB	1	1						
13	1	198431-47390	ARM,POSITION SET	2	2						
14	1	198431-47400	ARM,DRAFT SET	2	2						
15	1	198431-47420	BAR,POSITION CONTROL	1	1						
16	1	198431-47430	BAR,DRAFT CONTROL	1	1						
17	1	194180-47440	GASKET	2	2						
18	1	194208-47450	SHAFT, FEED BACK	2	2						
19	1	198431-47470	ARM,POS.FEEDBACK	1	1						
20	1	198431-47480	ARM,DRAFT FEEDBACK	1	1						
21	1	198435-47490	BASE,STOPF R	1	1						
22	1	194208-47510	ROD, FEED BACK	1	1						
23	1	198431-47520	ROD,DRAFT FEEDBACK	1	1						
24	1	194208-47530	ADJUSTER	2	2						
25	1	198435-47530	ARM, CONTROL	1	1						
26	1	198435-47540	ARM, CONTROL	1	1						
27	1	198435-47550	LINK, CONTROL	2	2						
28	1	198435-47560	PLATE	1	1						
29	1	198435-47580	PLATE B	1	1						
30	1	198162-47630	TUBE,PROTECTIVE	2	2						
31	1	194151-47760	WASHER 12	4	4						
32	1	194310-47790	PLATE, FRICTION	2	2						
I	33	198163-47800	ARM,FEED BACK	1	1						
34	2	194310-21210	BUSH 15X20X25	1	1						
35	1	194215-47840	SPRING, RETURN	1	1						
36	1	198431-47870	PLATE,FEEDBACK	1	1						
37	1	194550-47910	SPACER 15X28X2	1	1						
38	1	198165-85960	BOLT M12X 45 PLATED	4	4						
39	1	22137-080000	WASHER 8, POLISHED	1	1						
40	1	22137-080000	WASHER 8, POLISHED	2	2						
41	1	22137-080000	WASHER 8, POLISHED	2	2						
42	1	22137-080000	WASHER 8, POLISHED	1	1						
43	1	22137-080000	WASHER 8, POLISHED	1	1						
44	1	22137-120000	WASHER 12,POLISHED	2	2						
45	1	22272-000060	CIRCLIP E- 6	1	1						
46	1	22287-080000	LOCKING WASHER	2	2						
47	1	22287-080000	LOCKING WASHER	1	1						
48	1	22351-050025	SPRING PIN 5X25	1	1						
49	1	22351-050025	SPRING PIN 5X25	1	1						
50	1	22351-050025	SPRING PIN 5X25	2	2						
51	1	22372-080000	SNAP PIN (JASO 8)	2	2						

N:Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{No} \end{matrix}$ New, Q:Old $\begin{matrix} \leftarrow \text{No} \\ \text{Yes} \end{matrix}$ New, R:Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{No} \end{matrix}$ New, S:Old $\begin{matrix} \leftarrow \text{No} \\ \text{Yes} \end{matrix}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
 (C)Copy Rights YANMAR CO.,LTD.

Fig.56. HYDRAULIC CONTROL

(A)=KE-140
(B)=KE-160
(C)=

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

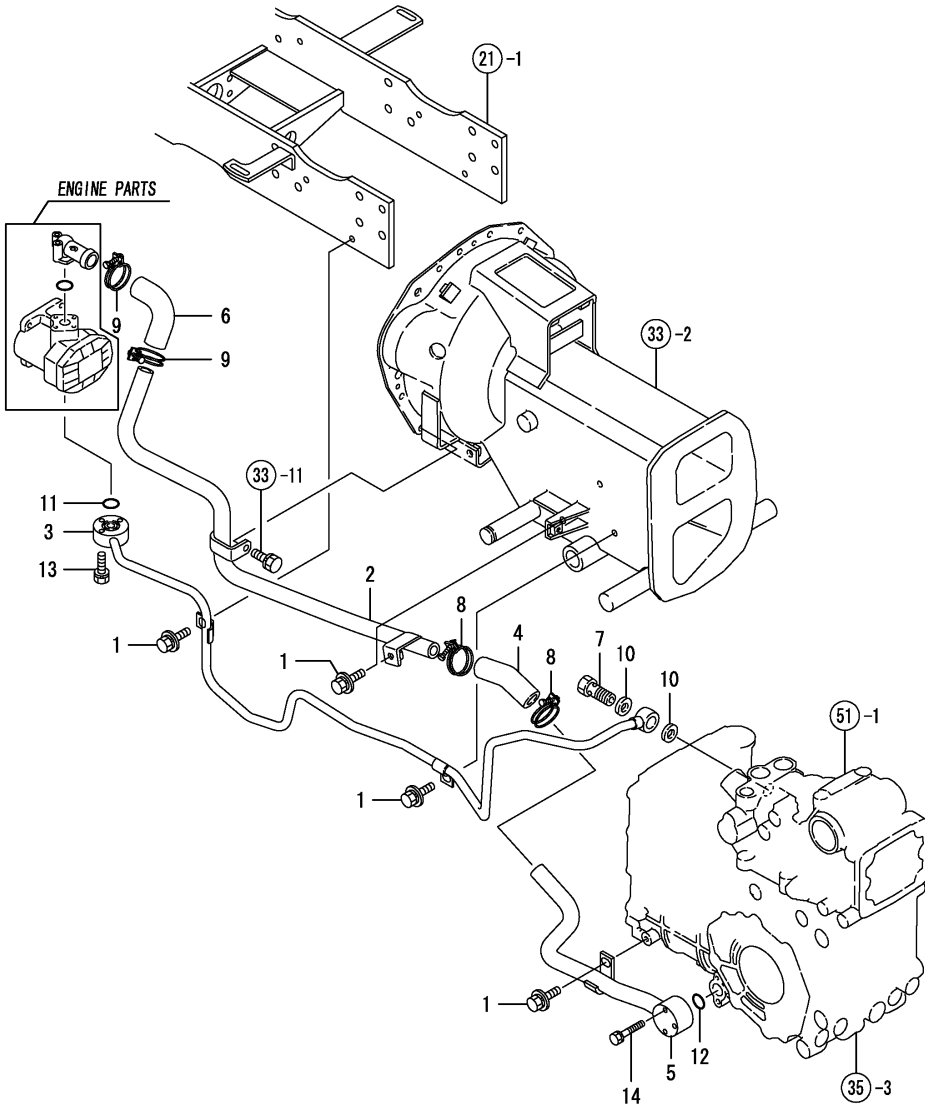


REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	1	22372-080000	SNAP PIN (JASO 8)	1	1						
53	1	22372-080000	SNAP PIN (JASO 8)	2	2						
54	1	22372-080000	SNAP PIN (JASO 8)	1	1						
55	1	22372-080000	SNAP PIN (JASO 8)	1	1						
56	1	22417-200160	COTTER PIN 2.0X16	4	4						
57	1	22417-250320	COTTER PIN 2.5X 32	1	1						
58	1	22522-030130	WOODRUFF KEY 3X13	2	2						
59	1	23414-150000	PACKING -15	1	1						
60	1	24311-000090	O-RING 1A P-9.0	2	2						
61	1	24311-000200	O-RING 1A P-20.0	2	2						
62	1	24550-012060	BUSH 12X 6	4	4						
63	1	26016-060162	BOLT M 6X 16	4	4						
64	1	26016-080122	BOLT M 8X 12	2	2						
65	1	26016-080202	BOLT M 8X 20	2	2						
66	1	26016-080202	BOLT M 8X 20	2	2						
67	1	26016-080202	BOLT M 8X 20	2	2						
68	1	26016-080202	BOLT M 8X 20	2	2						
69	1	26116-080552	BOLT 8X55	1	1						
70	1	26116-080804	BOLT M 8X 80 PLATED	2	2						
71	1	26716-080002	NUT M 8	6	6						
72	1	26716-080002	NUT M 8	1	1						
73	1	26716-080002	NUT M 8	2	2						
74	1	26716-080002	NUT M 8	2	2						

Fig.57. HYDRAULIC PIPING

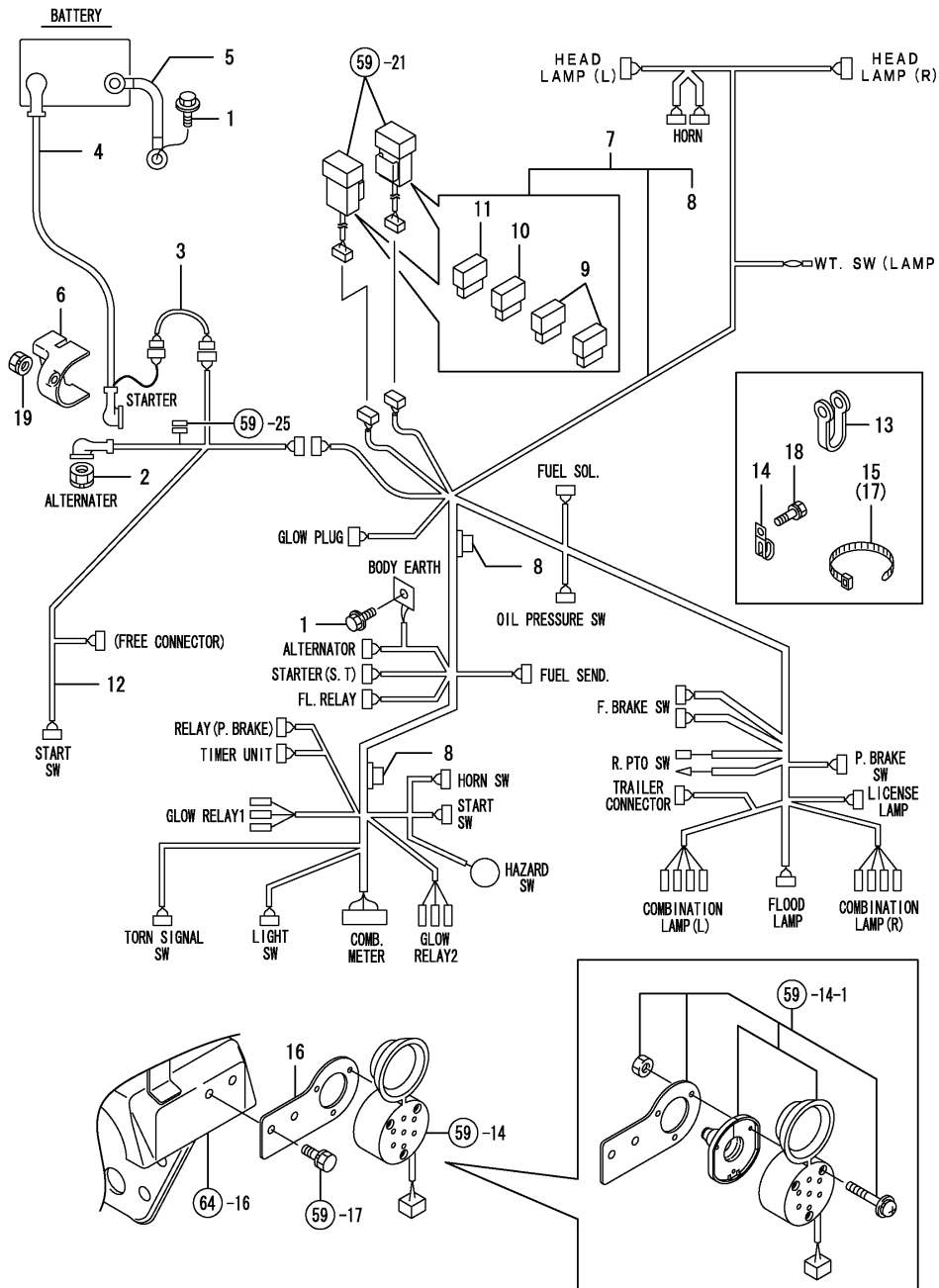
(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26018-080202	BOLT M 8X 20	4	4						
2	1	198163-48220	PIPE, LOW PRESSURE F	1	1						
3	1	198163-48110	PIPE,HP	1	1						
4	1	198421-48240	HOSE,LOW-PRES.RUBBER	1	1						
5	1	198163-48280	PIPE, LOW PRESSURE R	1	1						
6	1	198167-48340	HOSE	1	1						
7	1	194130-48650	BOLT 18, JOINT	1	1						
I 7-1	1	198220-48750	CONNECTOR ASSY	1	1						N
		(A=F110066) (B=F110041)									
8	1	23010-030000	CLAMP 30	2	2						
9	1	23010-030000	CLAMP 30	2	2						
10	1	23414-180023	GASKET 18	2	2						
11	1	24311-000200	O-RING 1A P-20.0	1	1						
12	1	24311-000220	O-RING 1A P-22.0	1	1						
13	1	26013-060302	BOLT M 6X 30	3	3						
14	1	26013-060402	BOLT M 6X 40	3	3						
I 14-1	1	26013-060452	BOLT M 6X 45	3	3						N
		(A=F110066) (B=F110041)									

Fig.58. WIRE HARNESS

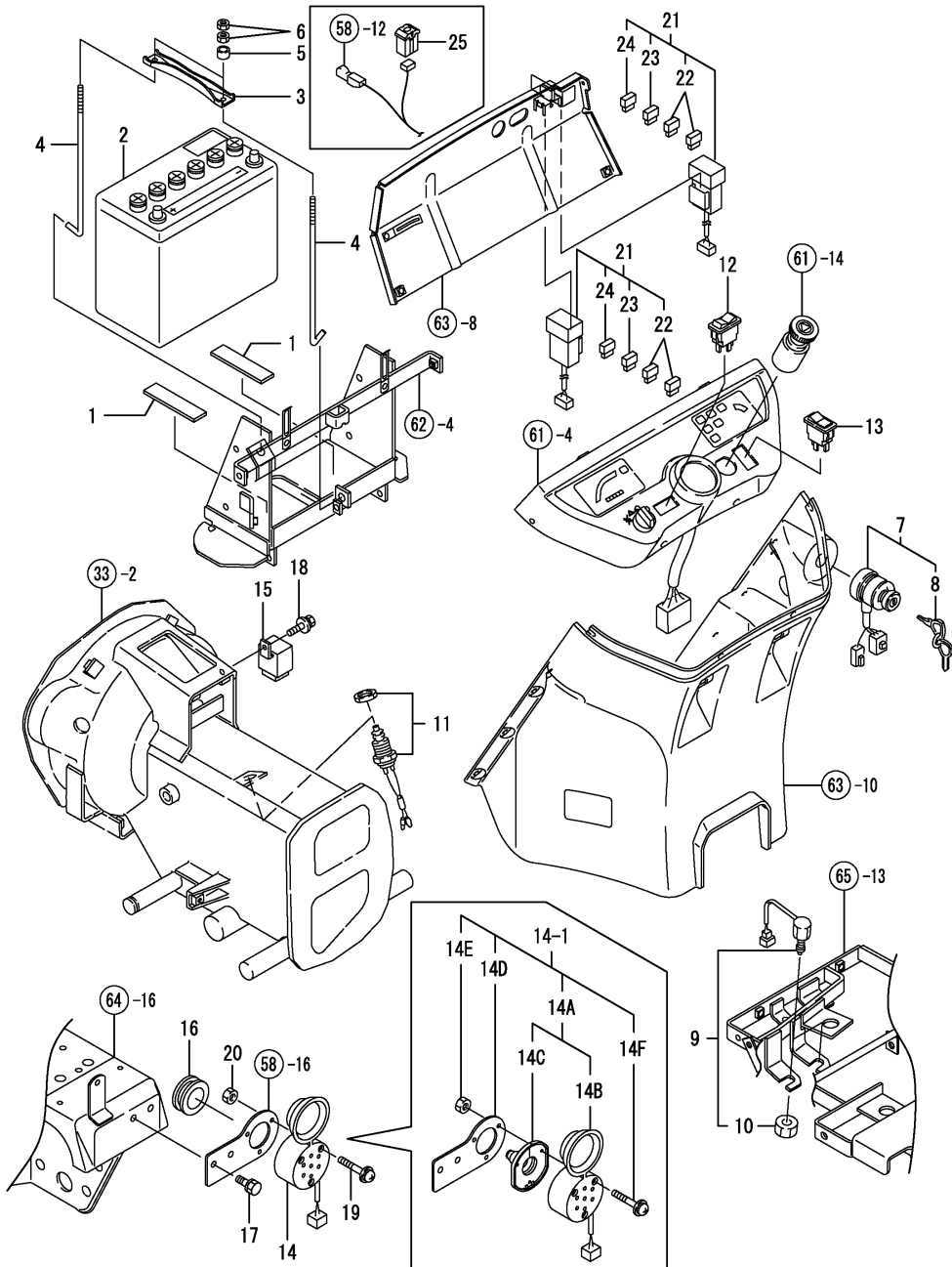


(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1C6560-06300	BOLT M8X16,EARTH	2	2						
2	1	194990-22040	NUT W/WASHER 6	1	1						
3	1	194312-51220	LINK, FUSIBLE	1	1						
4	1	1A6780-51410	CABLE, BATTERY	1	1						
5	1	198165-51421	CABLE, BATTER EARTH	1	1						
6	1	198165-51450	COVER	1	1						
7	1	198163-51510	HARNES, WIRE A E	1	1						
8	2	198165-51130	DIODE 3A	2	2						
9	2	29420-100000	FUSE, 10A	4	4						
10	2	29420-150000	FUSE, 15A	2	2						
11	2	29420-200000	FUSE, 20A	2	2						
12	1	198165-51550	HANESS P,WIRE	1	1						
13	1	194197-51630	CLAMP 51	3	3						
14	1	194440-51630	CLAMP, WIRE HARNESS	2	2						
15	1	194250-51660	BAND 250	3	3						
I 16	1	198163-53190	STAY, SOCKET	1	1						Z
		(A=F110066) (B=F110041)									
17	1	1E6102-84970	BAND 140,WIRE LOCK	3	3						
18	1	26013-080122	BOLT M 8X 12	2	2						
I 19	1	194990-22050	NUT W/WASHER 8	1	1						

Fig.59. BATTERY & SWITCHES



(A)=KE-140
(B)=KE-160
(C)=

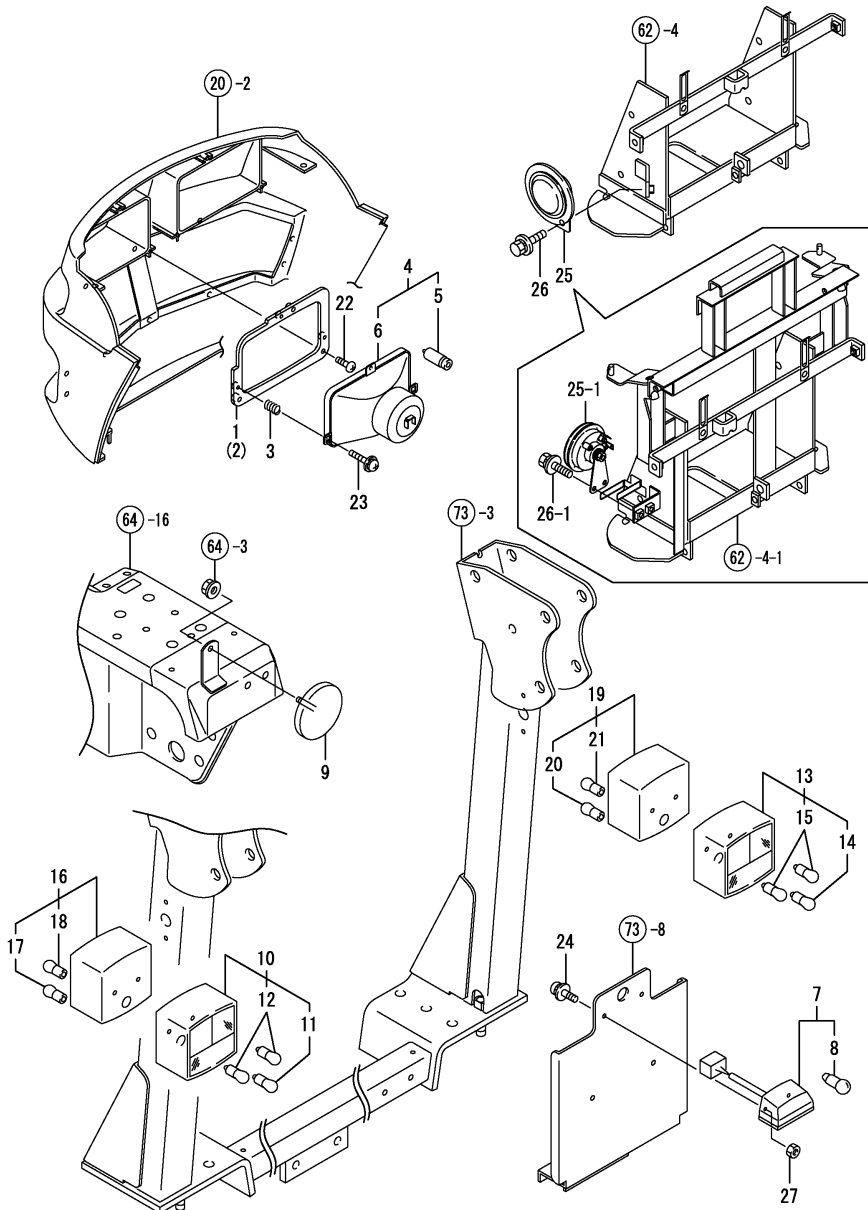
(D)=
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198165-04380	RUBBER, 100X25X3	2	2						
2	1	198165-51310	BATTERY, 55B24R(S)	1	1						
3	1	198165-58010	CLAMP, BATTERY	1	1						
4	1	198165-58120	ROD, BATTERY CLAMP	2	2						
5	1	198165-58130	COLLAR(10.5X13)	2	2						
6	1	26716-060002	NUT 6	4	4						
7	1	198162-52110	SWITCH, STARTING	1	1						
I 7-1	1	194940-52110 (A=F110517) (B=F110814)	SWITCH,STARTER	1	1						N
8	2	198162-52150	KEY ASSY	1	1						
I 8-1	2	198360-52160 (A=F110517) (B=F110814)	KEY COMPL.	1	1						N
9	1	198223-52150	SWITCH,BRAKE LAMP	2	2						
10	2	26776-120002	LOCK NUT M12 PLATED	2	2						
11	1	198421-52190	SWITCH,SAFETY	1	1						
12	1	198165-52200	SWITCH,TURN	1	1						
13	1	198165-52250	SWITCH,HORN	1	1						
14	1	1A7100-57300	COUPLER	1	1						
I 14-1	1	198163-52100 (A=F110066) (B=F110041)	COUPLER	1	1						N
I 14A	2	198163-52150 (A=F110066) (B=F110041)	COUPLER SET,	1	1						W
I 14B	3	198163-52110 (A=F110066) (B=F110041)	COUPLER ASSY,	1	1						W
I 14C	3	198163-52120 (A=F110066) (B=F110041)	BOOT, COUPLER	1	1						W
I 14D	2	198163-53190 (A=F110066) (B=F110041)	STAY, SOCKET	1	1						W
I 14E	2	26716-050002 (A=F110066) (B=F110041)	NUT M 5	3	3						W
I 14F	2	26023-050352 (A=F110066) (B=F110041)	SCREW M 5X 35	3	3						W
15	1	119247-77100	RELAY, SAFETY	1	1						
I 16	1	198133-51350 (A=F110066) (B=F110041)	GROMMET 38A	1	1						Z
17	1	26013-080162	BOLT W/WASHER M8X16	2	2						
18	1	26018-060162	BOLT M6X16	1	1						
I 19	1	26023-050352 (A=F110066) (B=F110041)	SCREW M 5X 35	3	3						Z
I 20	1	26716-050002 (A=F110066) (B=F110041)	NUT M 5	3	3						Z
21	1	1C6740-06250	BLOCK 4PB,FUSE	2	2						
22	2	29420-100000	FUSE, 10A	4	4						
23	2	29420-150000	FUSE, 15A	2	2						
24	2	29420-200000	FUSE, 20A	2	2						
25	1	198165-51160	FUSE 80A	1	1						

Fig.60. LAMPS & HORN

(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-53050	STAY, LIGHT L CMP	1	1						
2	1	198163-53060	STAY, LIGHT R CMP	1	1						
3	1	198163-53070	SPRING, LIGHT	6	6						
4	1	1A7100-53100	HEADLAMP CMP.	2	2						
5	2	1A7100-53130	BULB	2	2						
6	2	1A7100-53140	COVER	2	2						
7	1	1A7100-53400	LAMP	1	1						
8	2	1A7100-53420	BULB,LAMP	1	1						
9	1	198223-57110	REFLECTOR	2	2						
10	1	198174-85610	LAMP (A) ;LEFT	1	1						1
11	2	198174-85660	LAMP 10W-12V	1	1						1
12	2	198174-85670	LAMP 21W-12V	2	2						1
13	1	198174-85620	LAMP (A) ;RIGHT	1	1						2
14	2	198174-85660	LAMP 10W-12V	1	1						2
15	2	198174-85670	LAMP 21W-12V	2	2						2
16	1	198174-85630	LAMP (B) ;LEFT	1	1						1
17	2	198174-85660	LAMP 10W-12V	1	1						1
18	2	198174-85670	LAMP 21W-12V	1	1						1
19	1	198174-85640	LAMP (B) ;RIGHT	1	1						2
20	2	198174-85660	LAMP 10W-12V	1	1						2
21	2	198174-85670	LAMP 21W-12V	1	1						2
22	1	22857-500160	SCREW 5X16	6	6						
23	1	26023-040202	SCREW M 4X 20	6	6						
24	1	26023-050162	SCREW M 5X 16	2	2						
I 24-1	1	1C6650-37480	SCREW M6X16,TAPPING	2	2						N
		(A=F110066) (B=F110041)									
25	1	1A7100-57100	HORN	1	1						
I 25-1	1	1C7100-08150	HORN,ELECTRIC	1	1						N
		(A=F110170) (B=F110222)									
26	1	26018-080162	BOLT M 8X 16	1	1						
I 26-1	1	26018-080162	BOLT M 8X 16	2	2						K
		(A=F110170) (B=F110222)									
I 27	1	26716-050002	NUT M 5	2	2						Z
		(A=F110066) (B=F110041)									

Remarks

- (1)FOR LEFT SIDE LAMPS
- (2)FOR RIGHT SIDE LAMPS

Fig.61. METER

(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198165-52100	SWITCH,CMP LIGHTING	1	1						
2	2	198165-52110	KNOB	1	1						
3	1	198165-52120	SEAL	1	1						
4	1	198163-56300	PANEL ASSY, INSTRU.	1	1						
5	1	198421-56600	GAUGE COMP.,FUEL	1	1						
I	5-1	198421-56601	GAUGE ASSY, FUEL OIL	1	1						N
		(A=FXXXXX) (B=F110495)									
6	2	194420-56620	GASKET	1	1						
7	1	198421-56910	TUBE,PROTECTIVE	1	1						
8	1	198223-57200	RELAY, FLASHER	1	1						
9	1	194145-61640	SCREW M 5X 16	4	4						
10	1	194167-61650	NUT 5008	4	4						
11	1	123440-91140	CABLE,TACHOMETER	1	1						
12	1	26016-060302	BOLT M 6X 30	1	1						
13	1	26557-050122	SCREW M 5X 12	5	5						
14	1	198223-52400	SWITCH	1	1						
15	1	198165-58130	COLLAR(10.5X13	1	1						

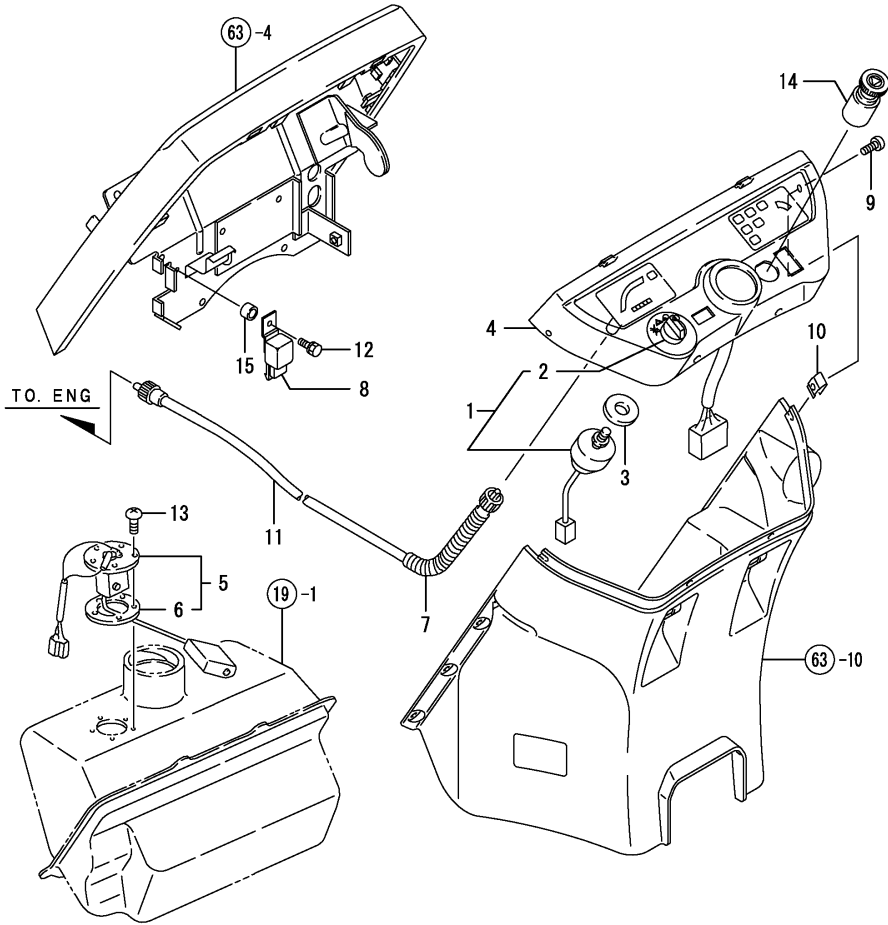
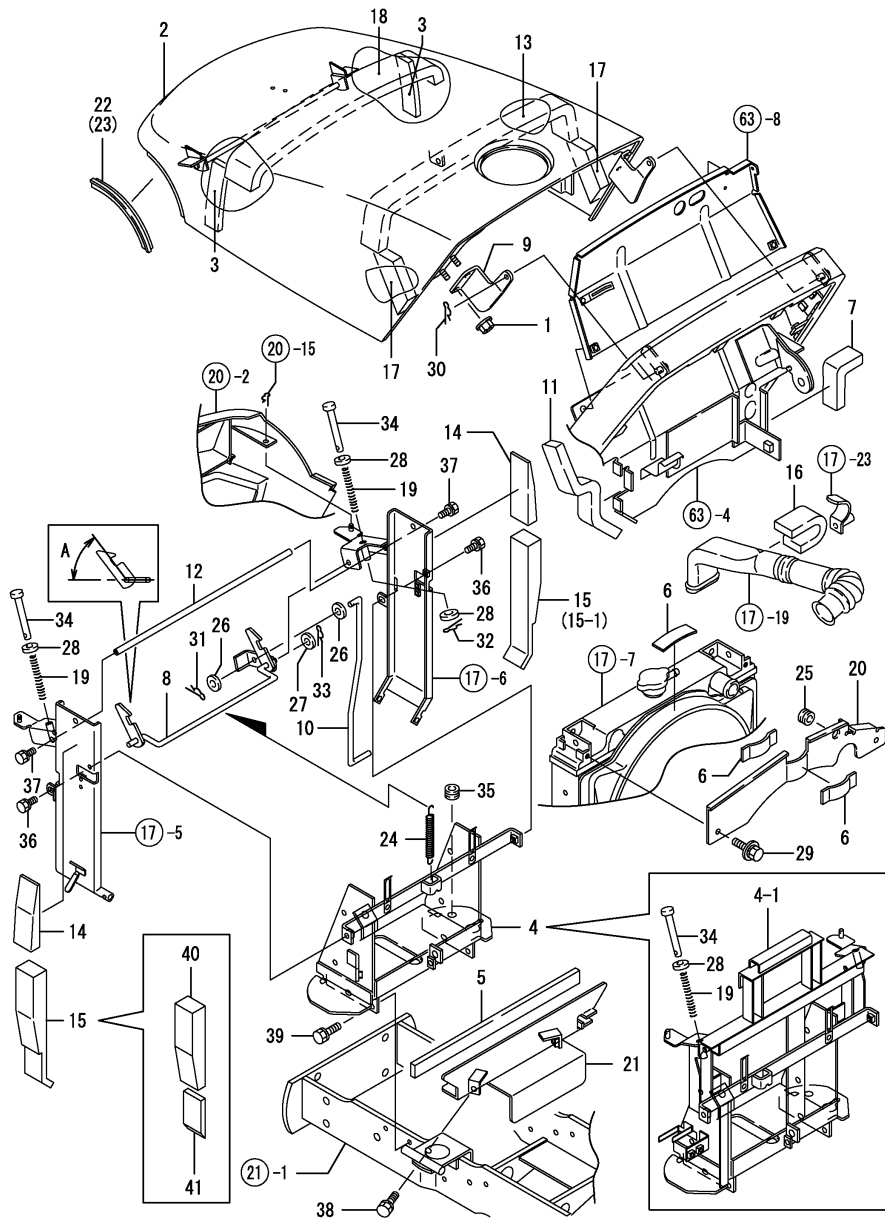


Fig.62. BONNET

(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	QTY	I	R
1	1	194990-22130	NUT W/WASHER 6	2	2							
2	1	798163-61120	BONNET ASSY	1	1							
3	1	198162-61250	SEAL SA, BONNET	2	2							
4	1	198163-61310	STAY, BATTERY CMP	1	1							
I 4-1	1	198163-61311	STAY, BATTERY CMP	1	1							S
		(A=F110170) (B=F110222)										
5	1	198162-61340	SEAL, RADIATOR LOWER	1	1							
6	1	198162-61370	SEAL E, LADIATOR	3	3							
7	1	198421-61380	URETHANE CS20X25X200	1	1							
8	1	198163-61400	HOOK, BONNET CMP	1	1							
I 8-1	1	198163-61401	HOOK, BONNET CMP	1	1							S 1
		(A=F110170) (B=F110222)										
9	1	198162-61410	HINGE L, BONNET	1	1							
10	1	198163-61450	LINK, HOOK	1	1							
11	1	198421-61460	FOAMS S, URETHANE	1	1							
12	1	198163-61470	BAR, SUPPORT	1	1							
13	1	198421-61470	FOAMS, BONNET URETHAN	1	1							
14	1	198162-61480	FOAM, RAD. IN. URETHANE	2	2							
15	1	198162-61490	FOAM, RAD. LW. URETHANE	2	2							
I 15-1	1	198162-61490	FOAM, RAD. LW. URETHANE	1	1							K
		(A=FXXXXX) (B=FXXXXX)										
16	1	198421-61510	FOAM, SUC. PIPE URETHN	1	1							
17	1	198421-61540	PAD, REAR	2	2							
18	1	198165-61810	SEAL, BONNET UPPER	1	1							
I 18-1	1	1A7720-61810	SEAL, HOOD UPPER	1	1							N
		(A=FXXXXX) (B=FXXXXX)										
19	1	198165-61850	SPRING, BONNET	2	2							
20	1	198162-61910	PLATE, PROTECTOR UP	1	1							
21	1	198162-61920	PL., HOT AIR PREVENT	1	1							
I 21-1	1	198162-61921	PLATE, LOWER	1	1							R
		(A=F110066) (B=F110041)										
22	1	198162-61950	SEAL L, LAMP SIDE	1	1							
I 22-1	1	1A6640-61450	SEAL L, BONNET SIDE	1	1							N
		(A=FXXXXX) (B=FXXXXX)										
23	1	198162-61960	SEAL R, LAMP SIDE	1	1							
I 23-1	1	1A6640-61460	SEAL R, BONNET SIDE	1	1							N
		(A=FXXXXX) (B=FXXXXX)										
24	1	1C6360-82210	SPRING, MARKER LOCK	1	1							
25	1	172026-81740	GROMMET 16X22X8	1	1							
I 26	1	22137-080000	WASHER 8, POLISHED	2	2							Z
		(A=F110170) (B=F110089)										
I 27	1	22137-080000	WASHER 8, POLISHED	1	1							Z
		(A=F110170) (B=F110089)										
28	1	22157-060000	WASHER 6	4	4							
29	1	26018-080202	BOLT M 8X 20	2	2							
30	1	22360-080000	SNAP PIN 8	1	1							
I 30-1	1	22372-080000	SNAP PIN (JASO 8)	1	1							N
		(A=F110517) (B=F110838)										
I 31	1	22360-080000	SNAP PIN 8	2	2							
I 31-1	1	22372-080000	SNAP PIN (JASO 8)	2	2							N
		(A=F110517) (B=F110838)										

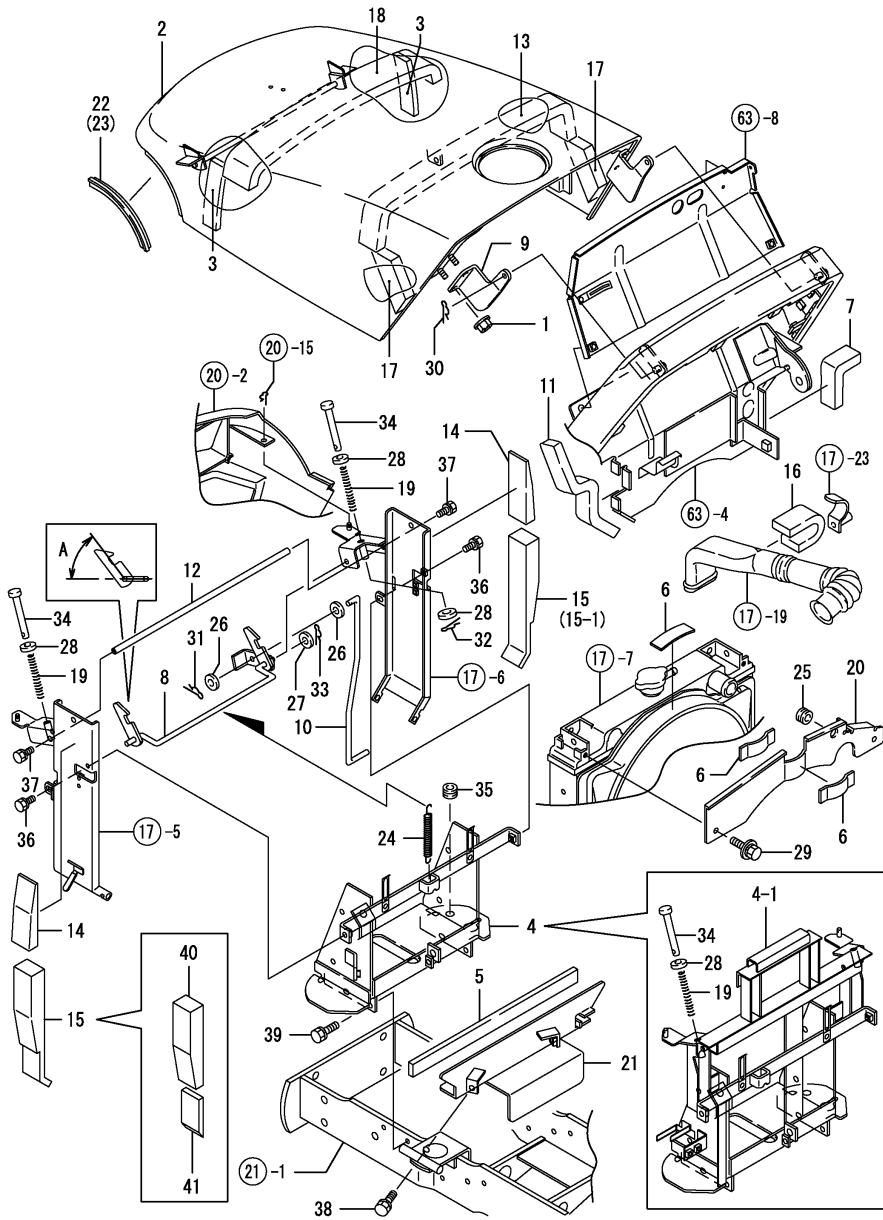
Remarks
(1)A(ANGLE)= REF.NO.8 53, 8-1 48.

N:Old \xrightarrow{Yes} New, Q:Old \xrightarrow{No} New, R:Old \xrightarrow{Yes} New, S:Old \xrightarrow{No} New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
(C)Copy Rights YANMAR CO.,LTD.

Fig.62. BONNET

(A)=KE-140
(B)=KE-160
(C)=

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



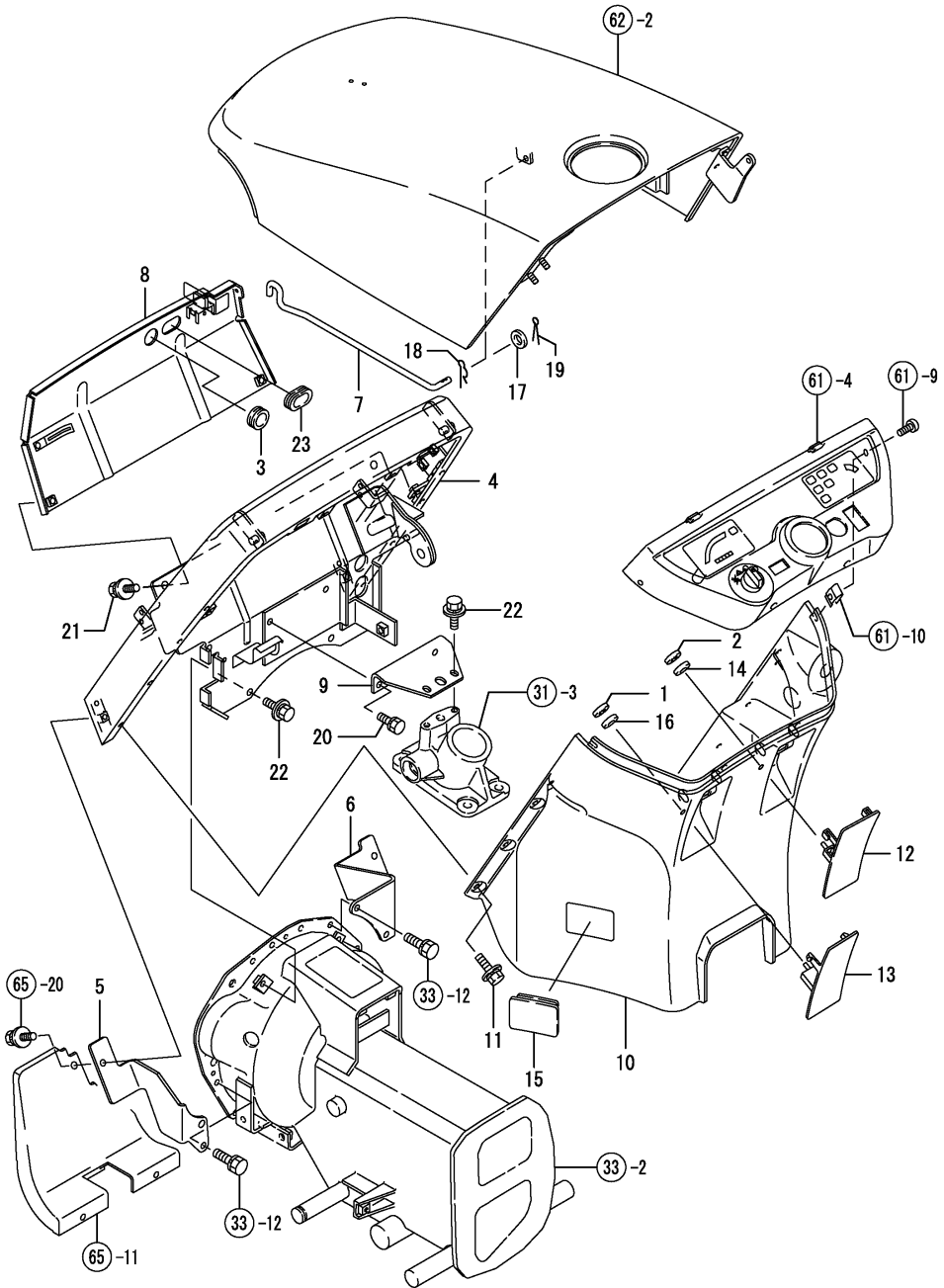
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
32	1	22372-060000	SNAP PIN 6	2	2						
33	1	22372-080000	SNAP PIN (JASO 8)	1	1						
34	1	22487-060800	PIN	2	2						
35	1	29311-092000	GROMMET 8.5X2.0	1	1						
36	1	26016-080162	BOLT M 8X 16	2	2						
37	1	26016-080162	BOLT M 8X 16	2	2						
38	1	26016-080202	BOLT M 8X 20	2	2						
39	1	26016-080202	BOLT M 8X 20	4	4						
I 40	1	198163-61680	URETHANE,	1	1						W
		(A=F110066) (B=F110041)									
I 41	1	198163-61690	URETHANE	1	1						W
		(A=F110066) (B=F110041)									

Remarks
(1)A(ANGLE)= REF.NO.8 53, 8-1 48.

Fig.63. DASHBOARD

(A)=KE-140
(B)=KE-160
(C)=

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

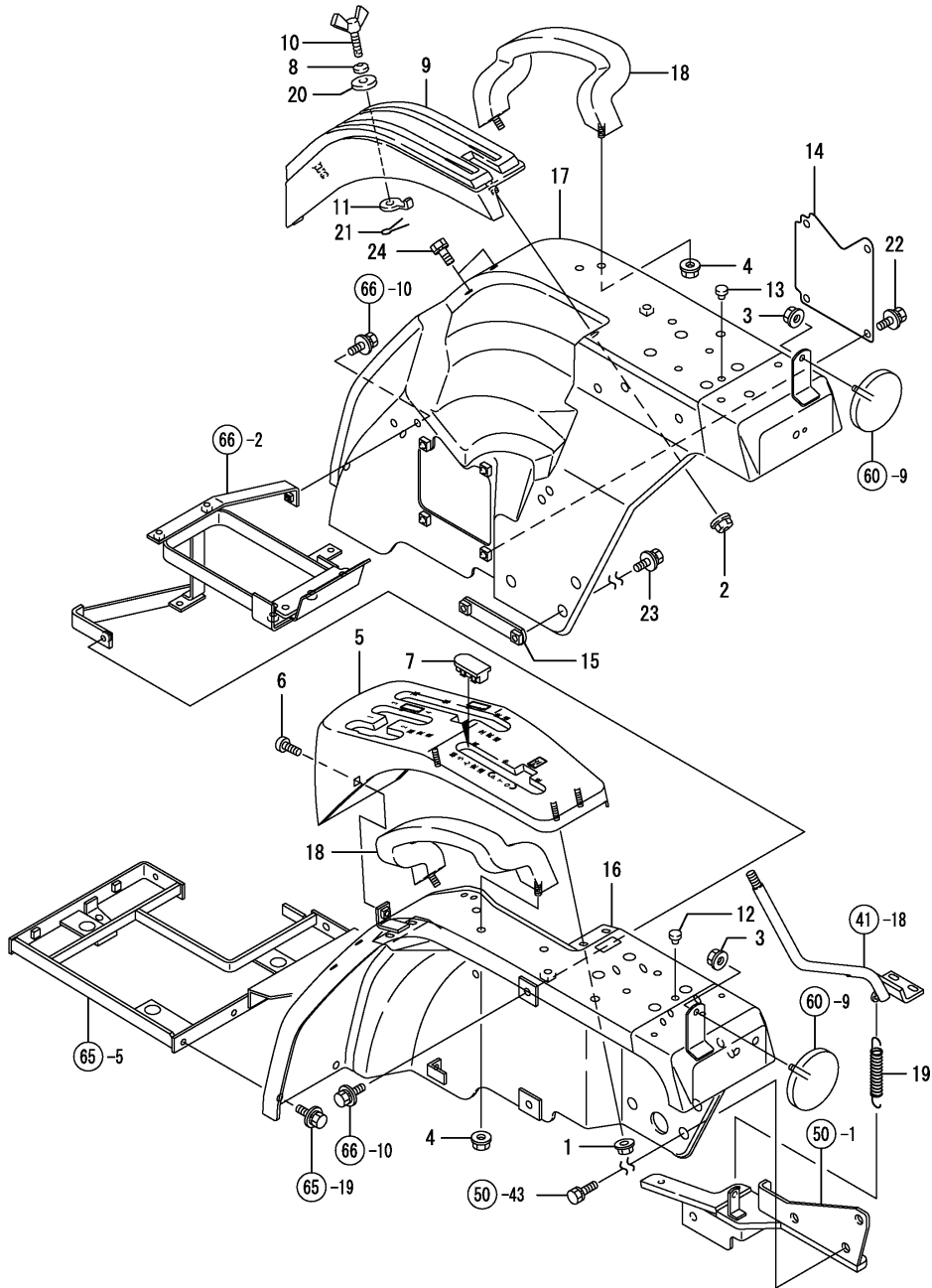


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1C6460-38240	NUT 5,PUSH	1	1						
2	1	1C6460-38240	NUT 5,PUSH	1	1						
3	1	194162-58830	GROMMET 20	1	1						
4	1	798163-61540	STAY, DASHBOARD	1	1						
5	1	198162-61530	FIXTURE L,DSHBD.STAY	1	1						
6	1	198162-61540	FIXTURE R,DSHBD.STAY	1	1						
7	1	198162-61551	ROD, BONNET	1	1						
8	1	198163-61570	PLATE, AIR CUT	1	1						
9	1	198162-61580	STAY,AIR CUT PLATE	1	1						
I 9-1	1	198164-61580	STAY, AIR CUT PLATE	1	1						N
		(A=F110170) (B=F110222)									
10	1	798163-61620	DASHBOARD	1	1						
11	1	198421-61620	BOLT 6X20	8	8						
12	1	198163-61640	COVER, DASH BOARD RE	1	1						
13	1	198162-61630	DASH BOAD	1	1						
14	1	194555-65130	CUSHION	1	1						
15	1	194802-62310	CAP, RUBBER	1	1						
16	1	194555-65130	CUSHION	1	1						
17	1	22117-080000	WASHER 8	1	1						
18	1	22360-080000	SNAP PIN 8	1	1						
I 18-1	1	22372-080000	SNAP PIN (JASO 8)	1	1						N
		(A=F110517) (B=F110838)									
19	1	22417-200160	COTTER PIN 2.0X16	1	1						
20	1	26016-080202	BOLT M 8X 20	2	2						
21	1	26018-080162	BOLT M 8X 16	2	2						
22	1	26018-080202	BOLT M 8X 20	4	4						
23	1	29311-252000	GROMMET 25.0X2.0	1	1						

Fig.64. FENDER

(A)=KE-140
(B)=KE-160
(C)=

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



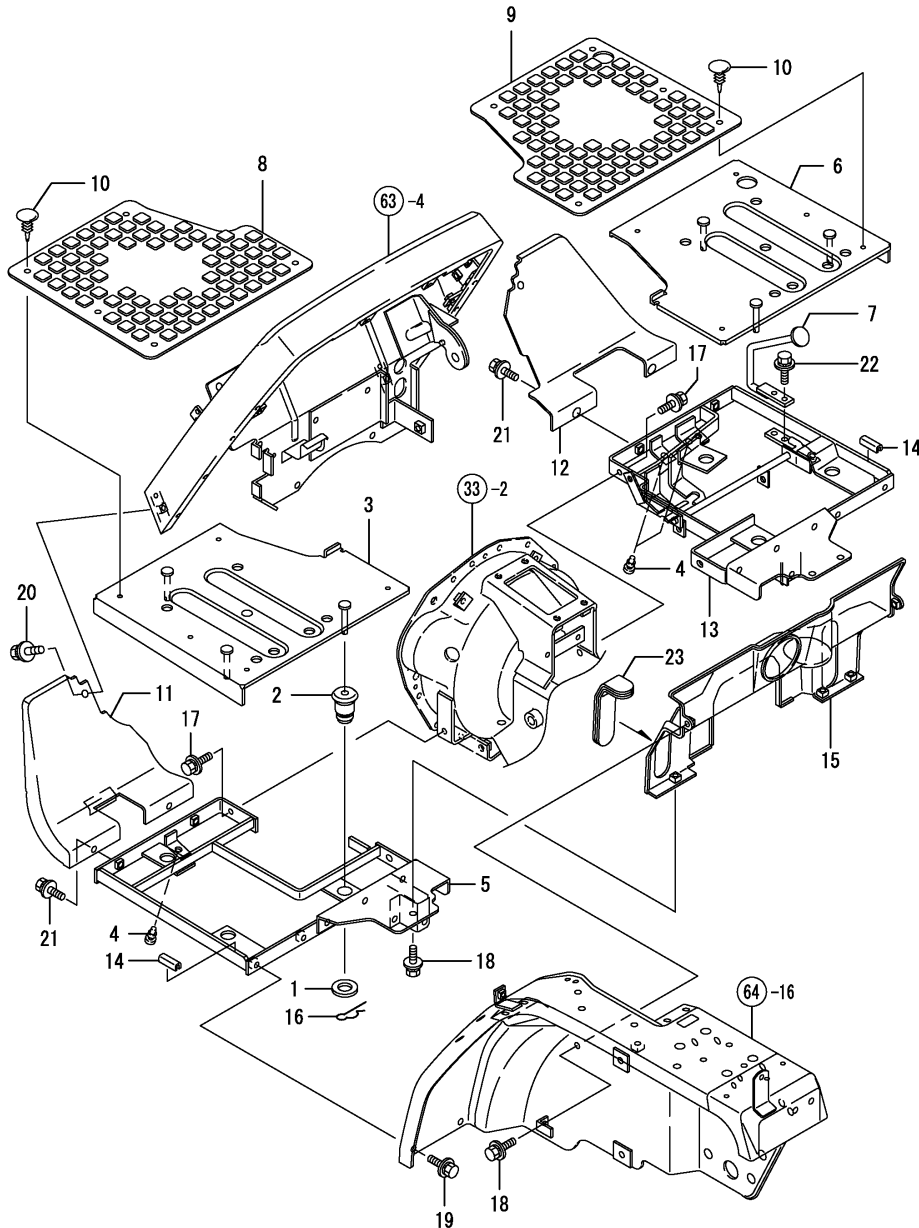
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22130	NUT W/WASHER 6	3	3						
2	1	194990-22130	NUT W/WASHER 6	2	2						
3	1	194990-22130	NUT W/WASHER 6	2	2						
4	1	194990-22140	NUT W/WASHER 8	4	4						
5	1	198163-27460	GUIDE P,CHANGE LEVER	1	1						
6	1	1C6650-35150	SCREW M6X16,BLK.M/C	1	1						
7	1	1C6860-37160	LEVER GUIDE	1	1						
8	1	194300-37570	SPRING, CONICAL	2	2						
9	1	198435-47710	GUIDE,HYDRO.LEVER	1	1						
10	1	198431-47750	BOLT,STOPPER WING	2	2						
11	1	198431-47760	STOPPER,HYDRO.LEVER	2	2						
12	1	194310-61610	GROMMET 9	4	4						
13	1	194310-61610	GROMMET 9	4	4						
14	1	1A6640-62180	COVER,FENDER R	1	1						
15	1	198162-62210	CLAMP,FENDER	1	1						
16	1	1A6640-62310	FENDER L COMP.	1	1						
17	1	798163-62320	FENDER ASSY, R	1	1						
18	1	198165-62410	BAR,ASHIST	2	2						
19	1	198421-62410	SPRING 12X100,TENSN	1	1						
20	1	22157-080000	WASHER 8	2	2						
21	1	22417-200160	COTTER PIN 2.0X16	2	2						
22	1	26018-080162	BOLT M 8X 16	4	4						
23	1	26018-080252	BOLT M8X 25	2	2						
I 24	1	26013-100202	BOLT W/WASHER M10X20	2	2						W

(A)=F110066) (B)=F110041)

Fig.65. STEP

(A)=KE-140
(B)=KE-160
(C)=

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

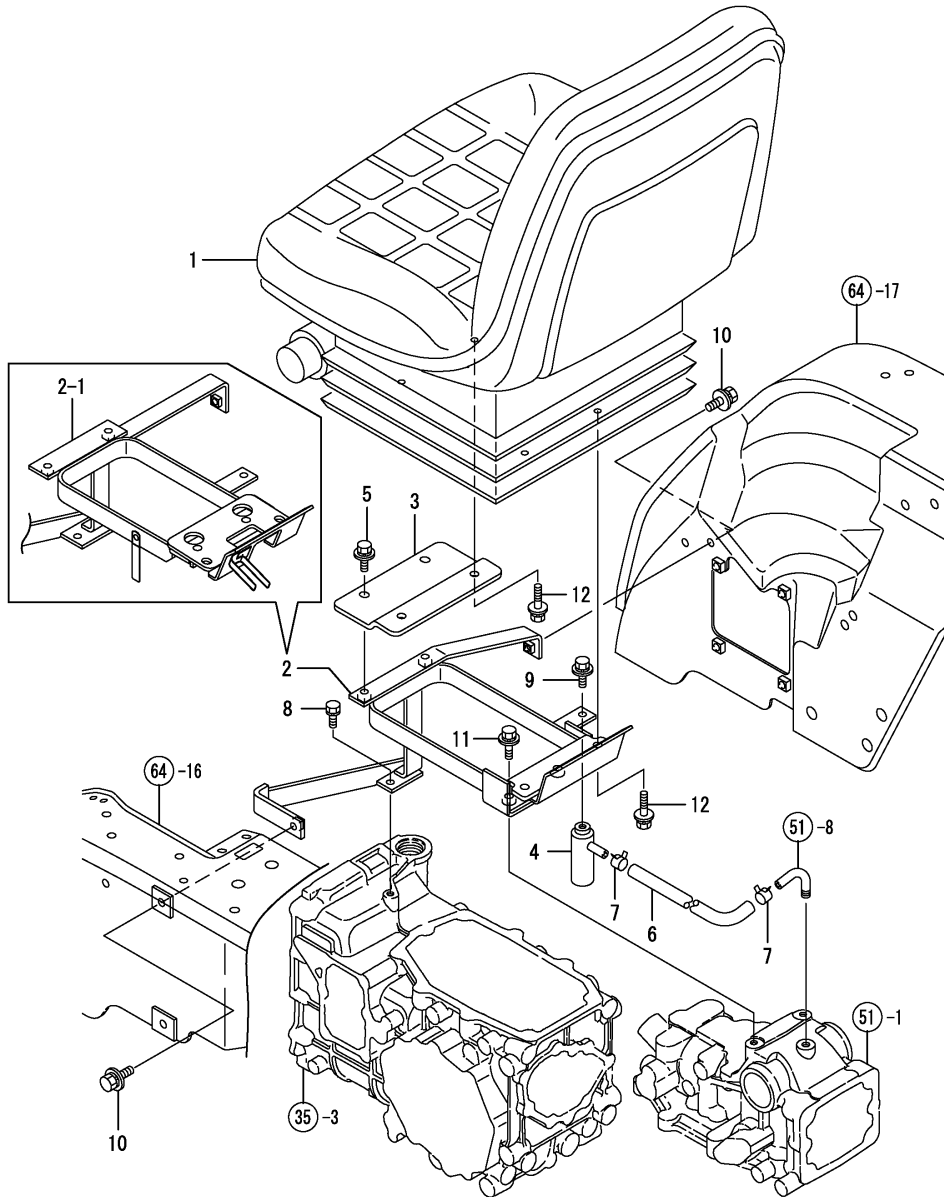


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198220-62150	WASHER	6	6						
2	1	198240-62451	RUBBER,STEP VIBPRF.	6	6						
3	1	198162-62510	STEP (L)	1	1						
4	1	194330-62530	STOPPER, PEDAL	3	3						
5	1	198162-62530	FRAME L,STEP	1	1						
I	5-1	1	198163-62700	FRAME,STEP	1	1					N
(A=F110170) (B=F110222)											
6	1	198162-62560	STEP (R)	1	1						
7	1	198162-62590	ACCEL PEDAL	1	1						
8	1	198162-62610	RUBBER L,STEP	1	1						
9	1	198162-62620	RUBBER R,STEP	1	1						
10	1	198162-62630	FASTENER	10	10						
11	1	198162-62650	COVER L,FOOT	1	1						
12	1	798163-62670	COVER, FOOT R	1	1						
13	1	198163-62810	FRAME ASSY, STEP R	1	1						
14	1	198220-62890	STOPPER	8	8						
15	1	198163-62960	COVER, MISSION FRONT	1	1						
16	1	22372-080000	SNAP PIN (JASO 8)	6	6						
17	1	26018-080202	BOLT M 8X 20	4	4						
18	1	26018-080202	BOLT M 8X 20	5	5						
19	1	26018-080202	BOLT M 8X 20	4	4						
20	1	26018-080202	BOLT M 8X 20	2	2						
21	1	26018-080202	BOLT M 8X 20	4	4						
22	1	26018-080202	BOLT M 8X 20	2	2						
23	1	29321-251160	GROMMET, 25X1.0X160	1	1						

Fig.66. SEAT

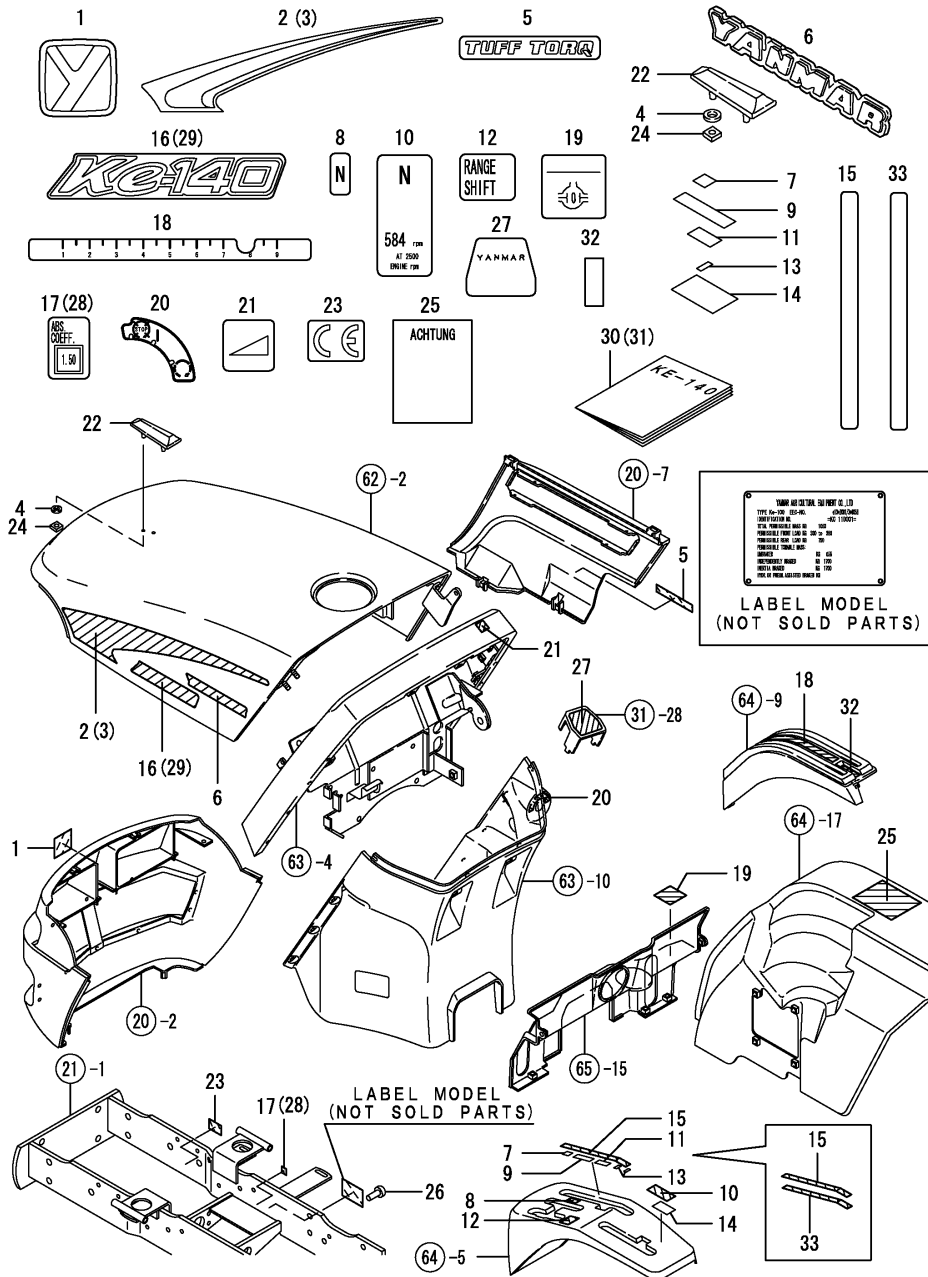
(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-63100	SEAT ASY	1	1						
2	1	198163-63310	BRACKET, SEAT	1	1						
I 2-1	1	198163-63311	BRACKET, SEAT	1	1						S
3	1	(A=F110170) 198163-63450	ADAPTER, SEAT	1	1						
4	1	(B=F110222) 194205-63550	BREATHER, AIR	1	1						
5	1	26018-080202	BOLT M 8X 20	2	2						
I 5-1	1	(A=FXXXXX) 26018-080252	BOLT M8X 25	2	2						N
6	1	(B=FXXXXX) 23065-090400	PIPE 9X400	1	1						
I 6-1	1	(A=F110170) 23065-090140	HOSE 9* 140	1	1						N
7	1	(B=F110266) 23080-012000	CLAMP 12	2	2						
8	1	26013-080202	BOLT W/WASHER M8X20	1	1						
9	1	26018-080162	BOLT M 8X 16	1	1						
10	1	26018-080202	BOLT M 8X 20	2	2						
11	1	26018-080252	BOLT M8X 25	2	2						
12	1	26018-080252	BOLT M8X 25	4	4						

Fig.68. LABEL

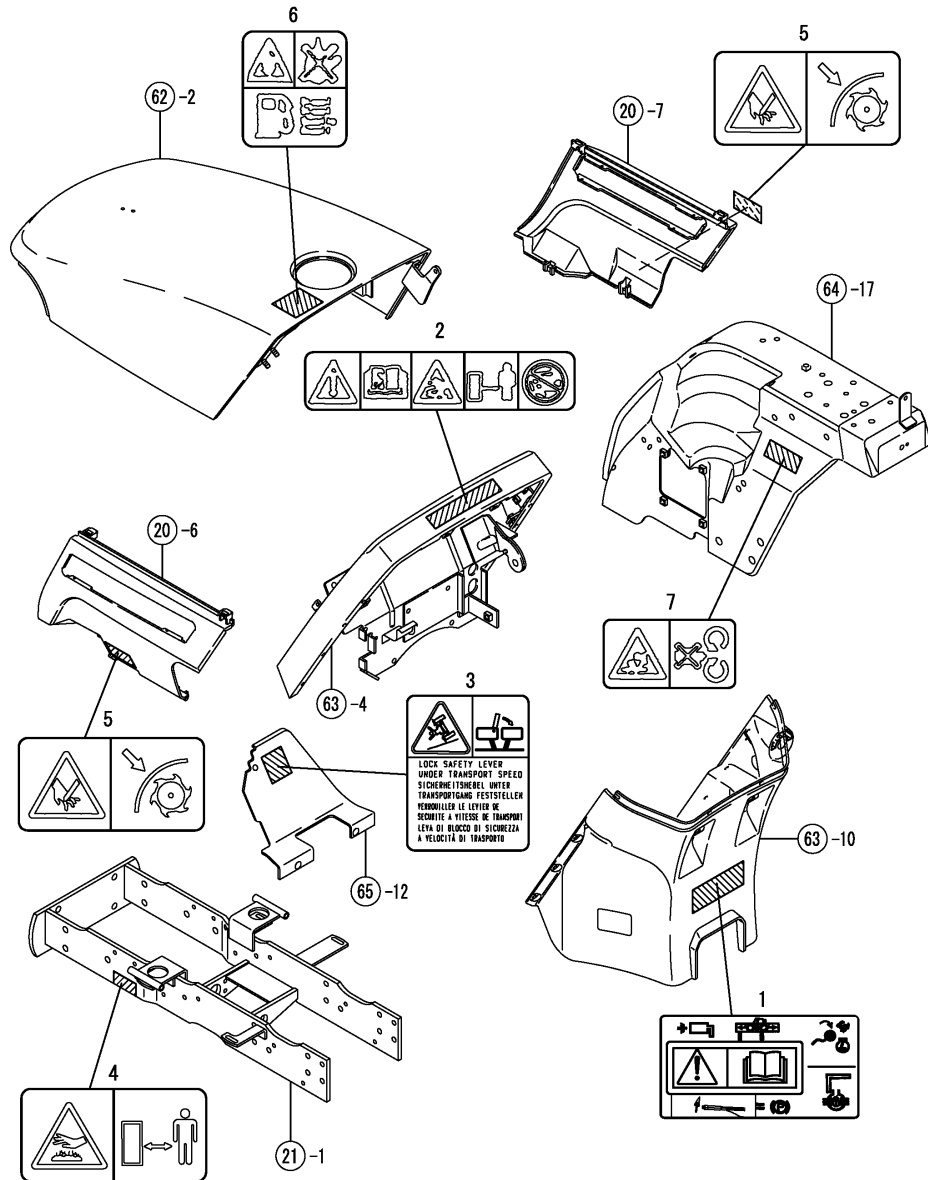


(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198421-65030	MARK 50, YANMAR	1	1						
2	1	198162-65110	STRIPE L, SIDE	1	1						
3	1	198162-65120	STRIPE R, SIDE	1	1						
4	1	194555-65130	CUSHION	2	2						
5	1	1A6750-65360	LABEL TUFF TORQ	1	1						
6	1	194766-65170	MARK(YANMAR 280)	2	2						
I 7	1	198163-65220	PLATE, RUBBER A	1	1						Z
		(A=F110066) (B=F110041)									
8	1	198435-65220	LABEL, N	1	1						
I 9	1	198163-65230	PLATE, RUBBER B	1	1						Z
		(A=F110066) (B=F110041)									
10	1	198435-65230	LABEL, P.T.O.	1	1						
I 11	1	198163-65240	PLATE, RUBBER C	1	1						Z
		(A=F110066) (B=F110041)									
12	1	198435-65240	LABEL, SUB-CHANGE	1	1						
I 13	1	198163-65250	PLATE, RUBBER D	2	2						Z
		(A=F110066) (B=F110041)									
14	1	198163-65260	PLATE, RUBBER E	1	1						
15	1	198163-65270	LABEL, MAIN CHANGE	1	1						
16	1	198163-65320	LABEL, MODEL NAME 140	2							
17	1	198163-65340	DECAL, SMOKE	1							
18	1	198036-65420	LABEL, HYDROOLIFT	1	1						
19	1	194240-65441	LABEL, DIFF. LOCK	1	1						
20	1	1A6640-65510	LABEL, KEY SWITCH	1	1						
21	1	1A6640-65530	LABEL, THROTTLE	1	1						
22	1	1A6750-65590	MARK, TOP	1	1						
23	1	198165-65590	DECAL, CE	1	1						
24	1	194200-65610	NUT 5	2	2						
25	1	1A6770-65630	LABEL (PINCH CLEAR.)	1	1						
26	1	194080-65910	RIVET	4	4						
27	1	1W4905-70050	PLATE, NAME	1	1						
28	1	198164-65310	DECAL, SMOKE		1						
29	1	198164-65320	LABEL, MODEL NAME 160		2						
30	1	198163-90220	OPERATORS MANUAL	1							
31	1	198164-90220	OPERATORS MANUAL		1						
I 31-1	1	198163-90220	OPERATORS MANUAL		1						N
		(B=FXXXXX)									
I 32	1	198421-65430	LABEL,	1	1						W
		(A=FXXXXX) (B=FXXXXX)									
I 33	1	198163-27420	PLATE, GUIDE	1	1						W
		(A=F110066) (B=F110041)									

Fig.69. LABEL(SAFETY)



(A)=KE-140
 (B)=KE-160
 (C)=

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

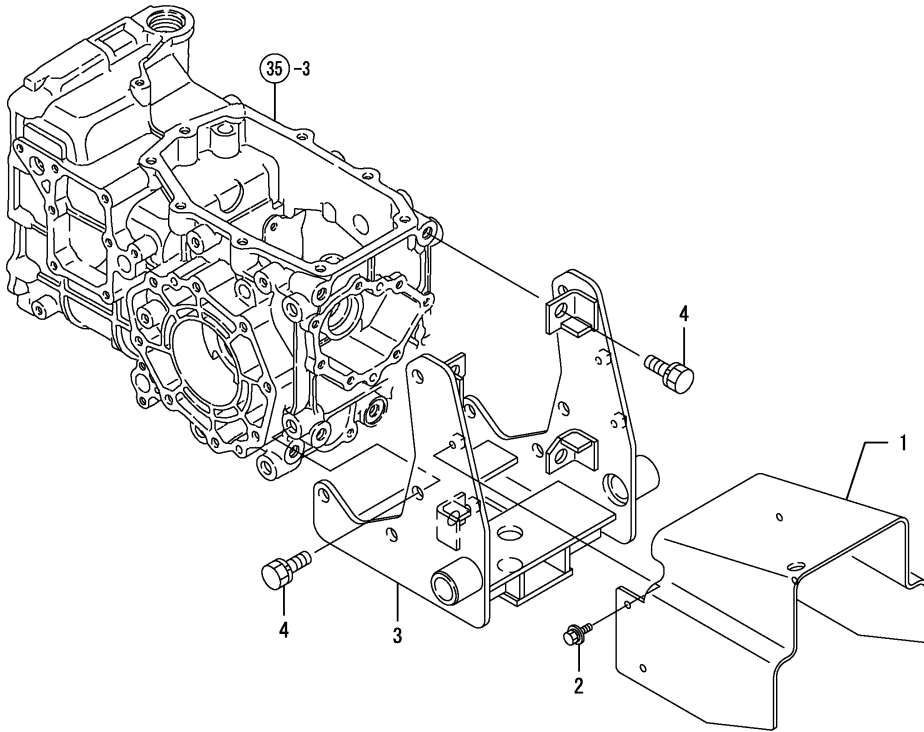
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-65300	LABEL,OPERATION G	1	1						
2	1	198163-65310	LABEL, SAFETY	1	1						
3	1	198163-65780	LABEL,BRAKE COUPLING	1	1						
4	1	198163-65930	CAUTION,MUFFLER	1	1						
5	1	198163-65940	CAUTION,SAFETY COVER	2	2						
6	1	1A6150-91251	LABEL,RAKE CAUTION	1	1						
7	1	1A6150-93151	LABEL,COVER	1	1						

Fig.70. REAR HITCH

0CNP3-G97000 70. REAR HITCH

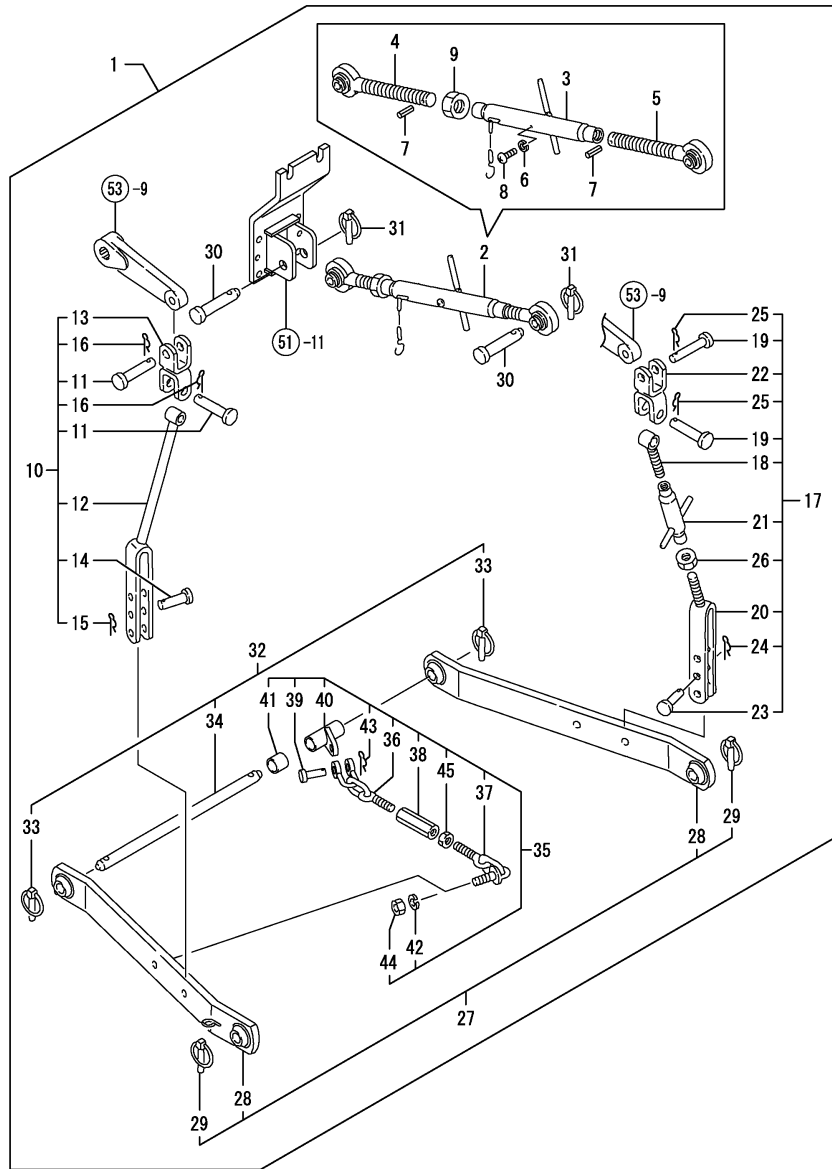
(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-75510	COVER, PTO GUARD	1	1						
2	1	26018-060162	BOLT M6X16	4	4						
3	1	198163-75010	HITCH ASSY, REAR	1	1						
I	3-1	1 198163-75011 (A=F110170) (B=F110222)	HITCH ASSY, REAR	1	1						N
4	1	26013-120302	BOLT W/WASHER M12X30	12	12						

Fig.71. THREE POINT HITCH



Remarks
 (1) USED FOR LEFT SIDE. USED NOT
 FOR RIGHT SIDE.

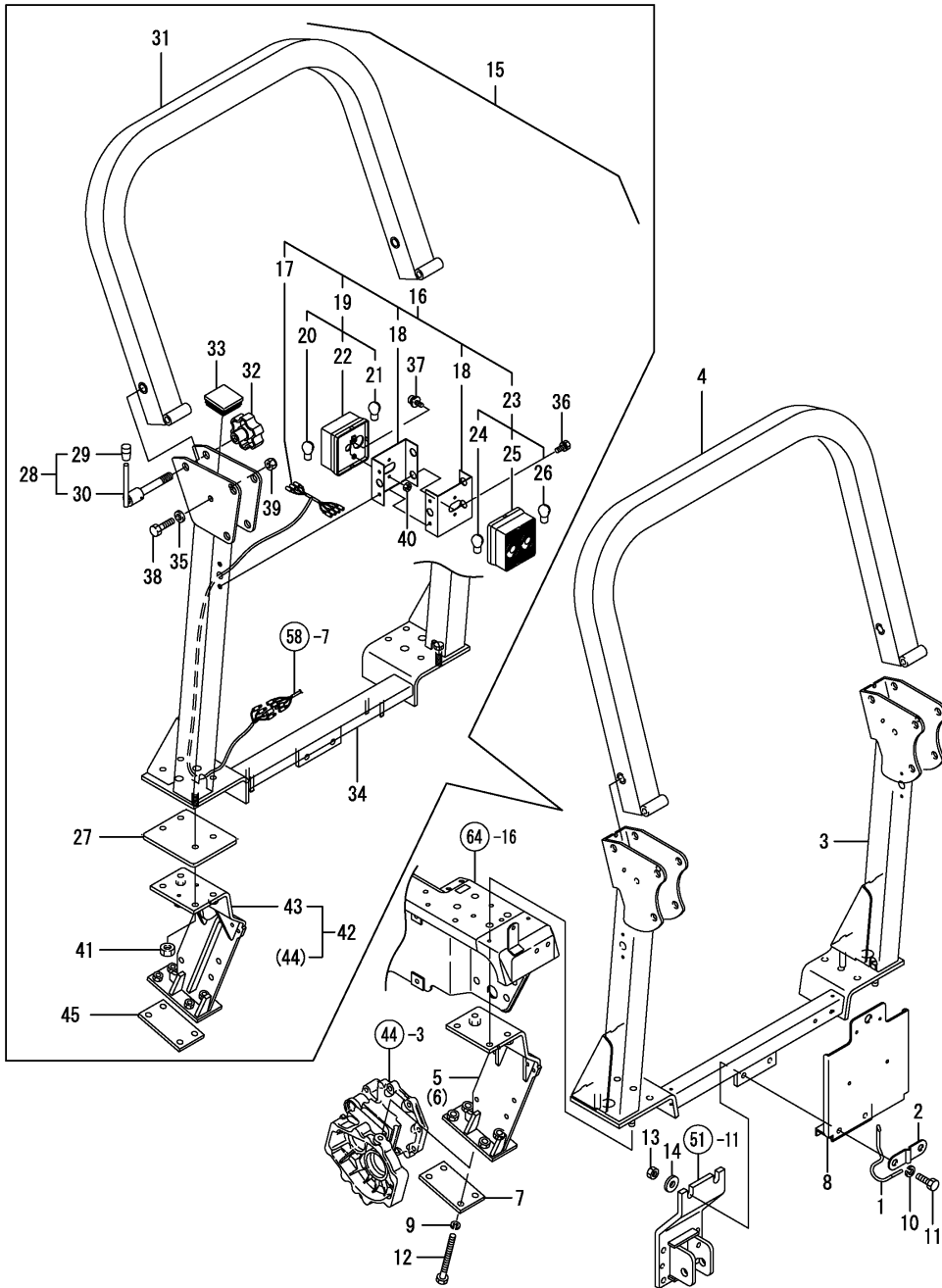
OCNP3-G97000 71. THREE POINT HITCH

(A)=KE-140
 (B)=KE-160
 (C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-75300	3-POINT HITCH ASSY	1	1						
2	2	7T6963-01100	LIK-ASSY, TOP T-710	1	1						
3	3	194555-71500	TURNBUCKLE	1	1						
4	3	194145-71600	LINK (R), TOP	1	1						
5	3	194145-71700	LINK (L), TOP	1	1						
6	3	22217-060000	SPRING WASHER 6	1	1						
7	3	22351-040024	SPRING PIN 4X24	2	2						
8	3	26557-060102	SCREW 6X10	1	1						
9	3	26756-240002	LOCK NUT M24 PLATED	1	1						
10	2	7T6964-18300	BOLT W/WASHER 10* 30	1	1						
11	3	195165-17390	PIN 16X48	2	2						
12	3	198421-72210	LINK ASSY, LIFT	1	1						
13	3	194193-72410	LINK JOINT, LIFT	1	1						
14	3	194150-72460	PIN, LIFT YOKE	1	1						
15	3	22360-140000	SNAP PIN 14	1	1						
16	3	22360-160000	SNAP PIN 16	2	2						
17	2	7T6964-18400	LINK R ASSY., LIFT	1	1						
18	3	1T6961-10300	LINK R, LIFT UPPER	1	1						
19	3	195165-17390	PIN 16X48	2	2						
20	3	198421-72110	LINK R CMP, LIFT LOWR	1	1						
21	3	194190-72231	TURNBUCKLE, LIFT LINK	1	1						
22	3	194193-72410	LINK JOINT, LIFT	1	1						
23	3	194150-72460	PIN, LIFT YOKE	1	1						
24	3	22360-140000	SNAP PIN 14	1	1						
25	3	22360-160000	SNAP PIN 16	2	2						
26	3	26756-180002	LOCK NUT M18 PLATED	1	1						
27	2	7T6964-18600	LINK ASSY., LOWER	1	1						
28	3	1T6964-18610	LINK ASSY., LOWER	2	2						
29	3	794130-71410	PIN ASSY, BALL SOCKET	2	2						
30	2	194150-71230	PIN, TOP LINK	2	2						
31	2	794130-71410	PIN ASSY, BALL SOCKET	2	2						
32	2	198435-75100	HINGE CMP., LOWR. LINK	1	1						
33	3	794130-71410	PIN ASSY, BALL SOCKET	2	2						
34	3	198435-75110	PIN, LOWER LINK HINGE	1	1						
35	2	198435-75200	CHAIN COMP., CHECK	1	1						
36	3	1T6964-18710	CHAIN COMP., FRNT. CHK	2	2						
37	3	1T6964-18760	CHAIN COMP., REAR CHK	2	2						
38	3	1T6964-18790	NUT 10	2	2						
39	3	194150-74630	PIN, SHACKLE	2	2						
40	3	198435-75210	SUPPORTER, LINK CHAIN	2	2						
41	3	198435-75220	COLLAR 23X30X27	1	1						1
42	3	22217-160000	SPRING WASHER 16	2	2						
43	3	22360-140000	SNAP PIN 14	2	2						
44	3	26716-160002	NUT M16	2	2						
45	3	26756-140002	LOCK NUT M14 PLATED	2	2						

Fig.73. ROPS



(A)=KE-140
(B)=KE-160
(C)=

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

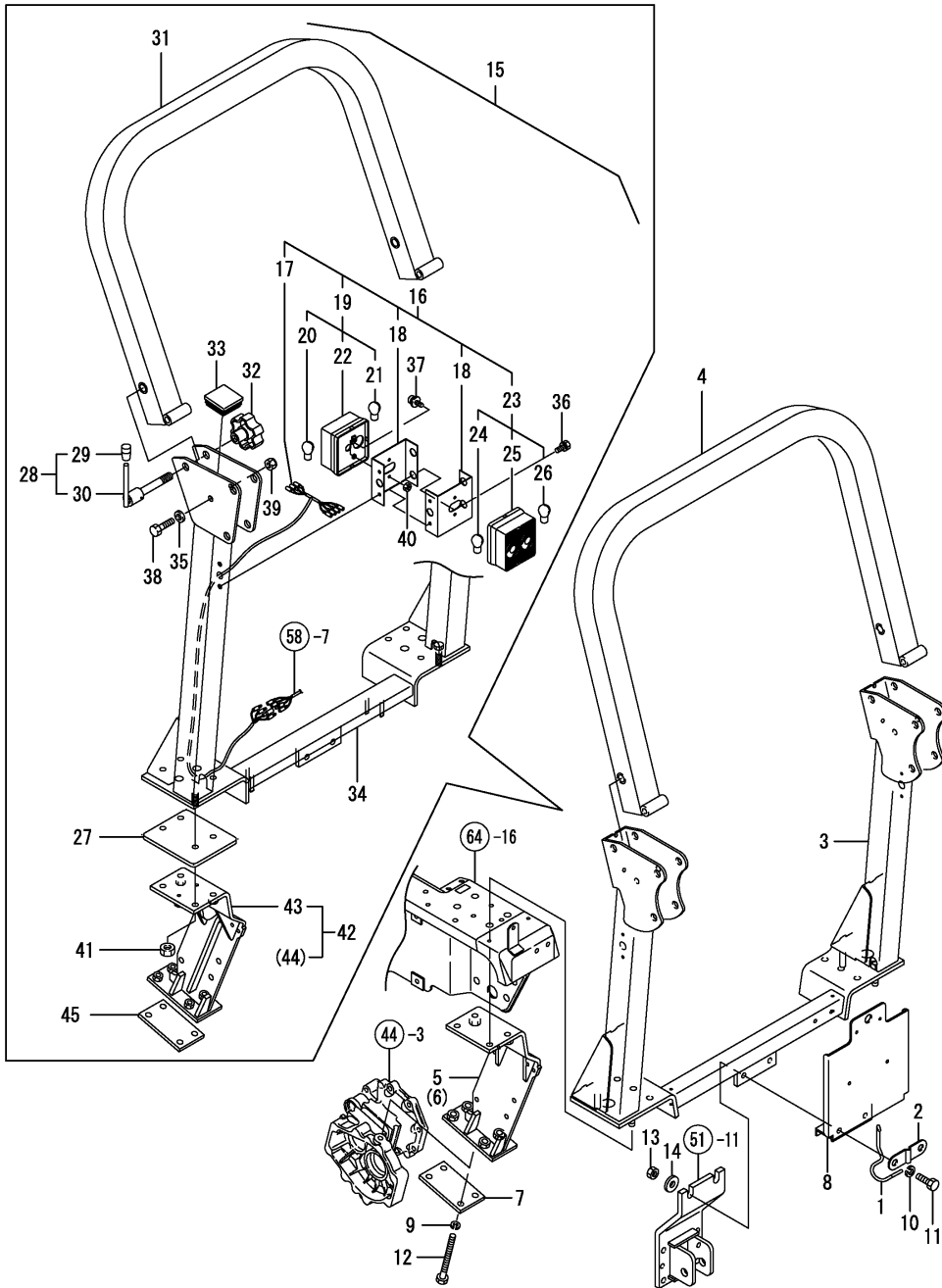
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198165-71150	RETEINER,UPPER LINK	1	1						
2	1	198165-71161	GUIDE,RETEINER	1	1						
I 3	1	198174-85110	UPPER FRAME ; UNDER	1	1						Z
		(A=F110170) (B=F110222)									
I 4	1	198174-85120	UPPER FRAME ; UPPER	1	1						Z
		(A=F110170) (B=F110222)									
I 5	1	198163-85150	FRAME ASSY, LOWER CL	1	1						Z
		(A=F110170) (B=F110222)									
I 6	1	198163-85250	FRAME ASSY, LOWER CR	1	1						Z
		(A=F110170) (B=F110222)									
I 7	1	198162-85360	PLATE L,ROPS LOWER	2	2						Z
		(A=F110170) (B=F110222)									
8	1	198163-85670	PLATE(N.P CMP	1	1						
9	1	22217-120000	SPRING WASHER 12	8	8						
10	1	22217-120000	SPRING WASHER 12	2	2						
11	1	26076-120402	BOLT 10.9 12X 4	2	2						
I 11-1	1	198165-85960	BOLT M12X 45 PLATED	2	2						N
		(A=F110170) (B=F110222)									
12	1	26116-121302	BOLT M12X130 PLATED	8	8						
I 12-1	1	26076-121252	BOLT, 12 X 125	8	8						N
		(A=F110170) (B=F110266)									
13	1	26716-120002	NUT 12	2	2						
I 14	1	22157-120000	WASHER 12	2	2						W
		(A=F110170) (B=F110222)									
I 15	1	198163-85050	ROPS(140 KIT	1	1						W
		(A=F110170) (B=F110222)									
I 16	2	198163-53300	COMB LIGHT CMP	2	2						W
		(A=F110170) (B=F110222)									
I 17	3	198163-51520	WIRE HARNESS	2	2						W
		(A=F110170) (B=F110222)									
I 18	3	198163-53230	BRACKET(CMPLAMP	4	4						W
		(A=F110170) (B=F110222)									
I 19	3	198163-53310	F CMPLAMP CMP	2	2						W
		(A=F110170) (B=F110222)									
I 20	4	1A7100-53220	BULB	2	2						W
		(A=F110170) (B=F110222)									
I 21	4	1A7100-53230	BULB	2	2						W
		(A=F110170) (B=F110222)									
I 22	4	198163-53320	BODYF CMP	2	2						W
		(A=F110170) (B=F110222)									
I 23	3	198163-53330	R CMPLAMP CMP	2	2						W
		(A=F110170) (B=F110222)									
I 24	4	1A7100-53220	BULB	2	2						W
		(A=F110170) (B=F110222)									
I 25	4	198163-53340	BODYR CMP	2	2						W
		(A=F110170) (B=F110222)									
I 26	4	198163-53350	BULB 12V5W21W	2	2						W
		(A=F110170) (B=F110222)									
I 27	2	198163-85290	BASEPLATE	2	2						W
		(A=F110170) (B=F110222)									
I 28	2	198163-85410	HANDLE SET J(ROPS	2	2						W

N:Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{No} \end{matrix}$ New, Q:Old $\begin{matrix} \leftarrow \text{No} \\ \text{Yes} \end{matrix}$ New, R:Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{Yes} \end{matrix}$ New, S:Old $\begin{matrix} \leftarrow \text{No} \\ \text{No} \end{matrix}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
 (C)Copy Rights YANMAR CO.,LTD.

Fig.73. ROPS

(A)=KE-140
(B)=KE-160
(C)=

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

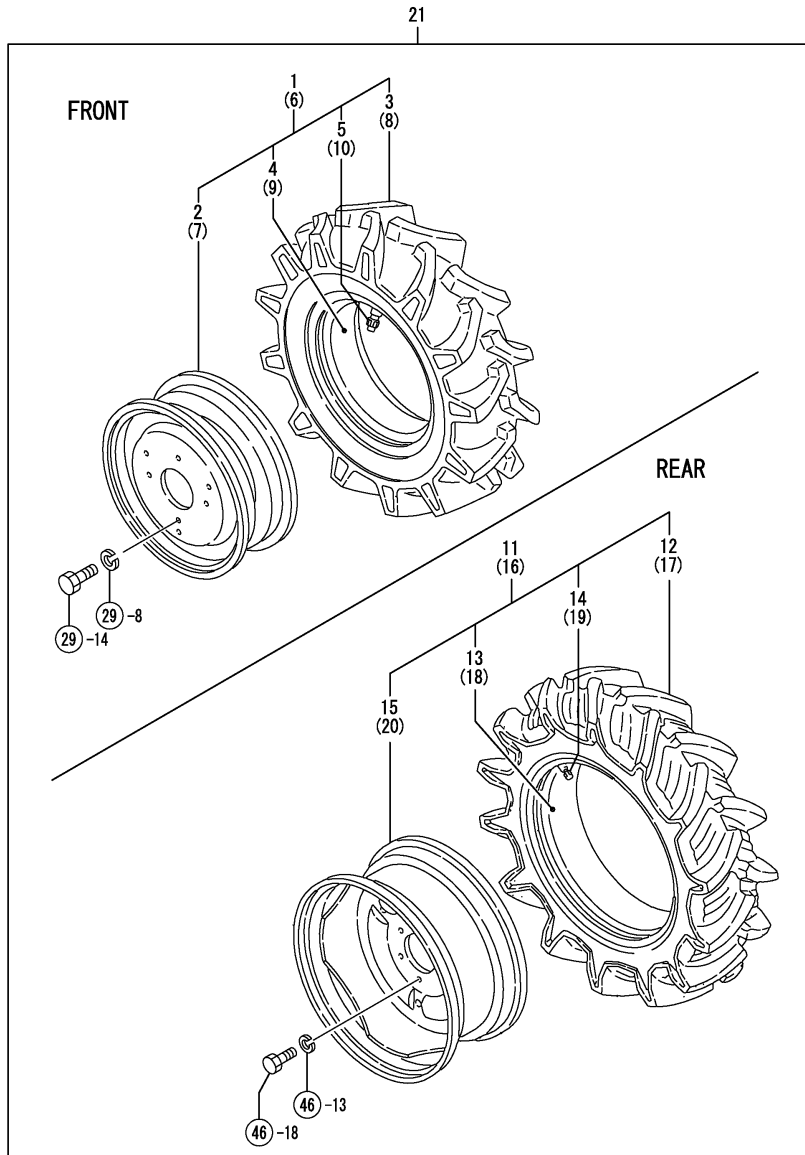


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	29	(A=F110170) 3 (B=F110222) 194150-01190	KNOB, THROTTLE LEVER	2	2						W
I	30	(A=F110170) 3 (B=F110222) 198163-85620	HANDLE(ROPS CMP	2	2						W
I	31	(A=F110170) 2 (B=F110222) 198163-85560	UPPERFRAME(U CMP	1	1						W
I	32	(A=F110170) 2 (B=F110222) 198163-85630	KNOB M16	2	2						W
I	33	(A=F110170) 2 (B=F110222) 198163-85640	CAP(ROPS	4	4						W
I	34	(A=F110170) 2 (B=F110222) 198163-85850	UPPERFRAME(L CMP	1	1						W
I	35	(A=F110170) 2 (B=F110222) 22137-120000	WASHER 12,POLISHED	2	2						W
I	36	(A=F110170) 2 (B=F110222) 26013-060162	BOLT M 6X 16	4	4						W
I	37	(A=F110170) 2 (B=F110222) 26023-050122	SCREW M 5X 12	4	4						W
I	38	(A=F110170) 2 (B=F110222) 26076-121002	BOLT M12X100	2	2						W
I	39	(A=F110170) 2 (B=F110222) 26346-120002	U-NUT M12 PLATED	2	2						W
I	40	(A=F110170) 2 (B=F110222) 26716-050002	NUT M 5	4	4						W
I	41	(A=F110170) 2 (B=F110222) 26716-120002	NUT 12	6	6						W
I	42	(A=F110170) 1 (B=F110222) 198163-85081	ROPS SET,LOWER 140	1	1						W
I	43	(A=F110170) 2 (B=F110222) 198163-85150	FRAME ASSY, LOWER CL	1	1						W
I	44	(A=F110170) 2 (B=F110222) 198163-85250	FRAME ASSY, LOWER CR	1	1						W
I	45	(A=F110170) 2 (B=F110222) 198162-85360	PLATE L,ROPS LOWER	2	2						W

Fig.74. OPTION

(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	798531-14710	TIRE,FRONT L.H. KIT		1						
2	2	198531-14720	WHEEL DC3.00-12		1						
3	2	198531-14740	TIRE 5.00-12		1						
4	2	198531-14750	TUBE		1						
5	2	194190-34730	HOUSING,CORE		1						
6	1	798531-14810	FRONT TIRE R.H. KIT		1						
7	2	198531-14720	WHEEL DC3.00-12		1						
8	2	198531-14740	TIRE 5.00-12		1						
9	2	198531-14750	TUBE		1						
10	2	194190-34730	HOUSING,CORE		1						
11	1	198164-34300	TIRE 8-18 L KIT		1						
12	2	198164-34320	TIRE 8-18		1						
13	2	198164-34330	TUBE		1						
14	2	194190-34730	HOUSING,CORE		1						
15	2	198531-34730	WHEEL W6-18		1						
16	1	198164-34350	TIRE 8-18 R KIT		1						
17	2	198164-34320	TIRE 8-18		1						
18	2	198164-34330	TUBE		1						
19	2	194190-34730	HOUSING,CORE		1						
20	2	198531-34730	WHEEL W6-18		1						
I 21	1	198164-14700	TIRE KIT,LAG		1						W 1

(B=FXXXXX)

Remarks

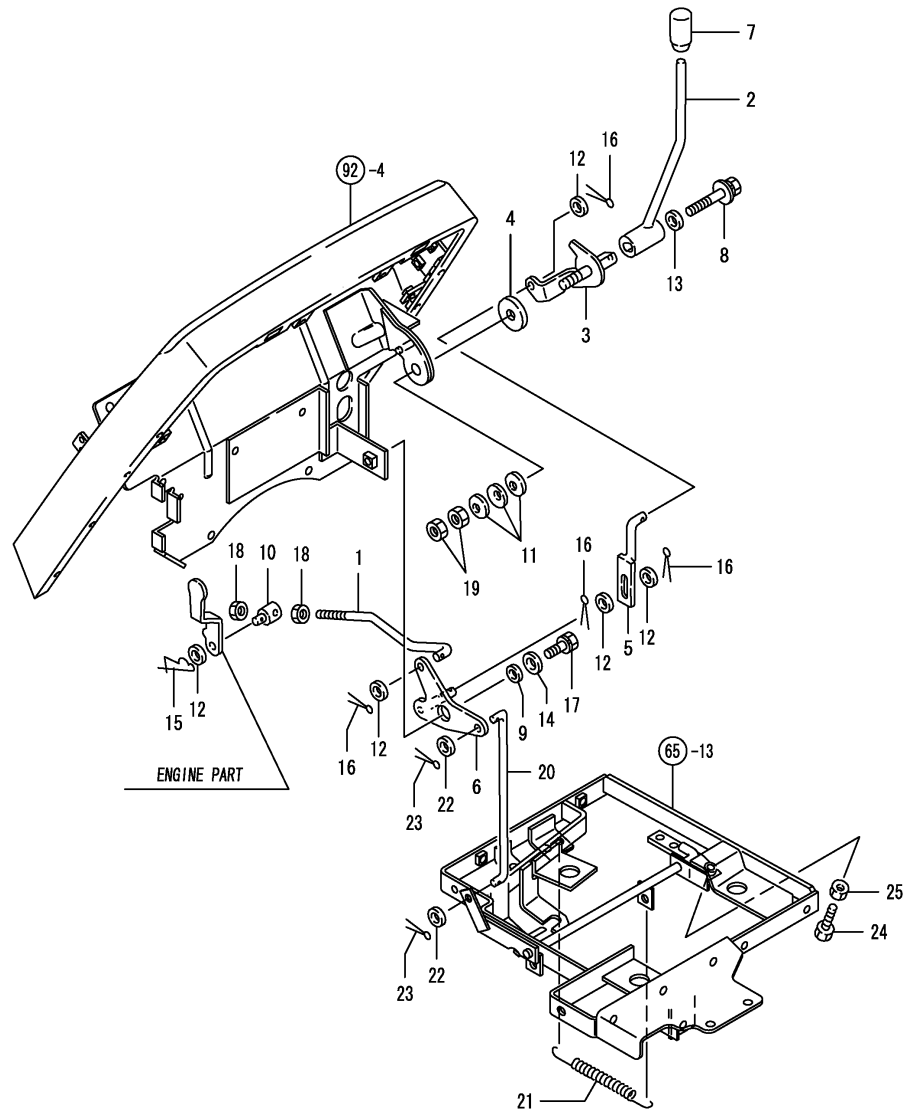
(1)REF.NO1 FOR NO.20 IS INCORPORATED
IN THIS REF.NO.21

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

Fig.75. ACCEL LEVER(ADD.

(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-00850	LINK, ACCELERATOR	1	1						
2	1	198421-01110	LEVER,ACCELERATOR	1	1						
3	1	198421-01120	SHAFT,ACCELERATOR	1	1						
4	1	198165-01130	PLATE, FRICTION	1	1						
5	1	198421-01130	LINK,ACCELERAT.LEVER	1	1						
6	1	198421-01140	PLATE,ACCELERAT.LOCK	1	1						
7	1	1A6750-37200	KNOB, PARKING BRAKE	1	1						
8	1	198421-01250	BOLT 6X40	1	1						
9	1	194150-01270	SPACER 20	1	1						
10	1	194150-01370	ADJUSTER	1	1						
11	1	194151-47760	WASHER 12	3	3						
12	1	22117-080000	WASHER 8	5	5						
13	1	22157-060000	WASHER 6	1	1						
14	1	22157-100000	WASHER 10	1	1						
15	1	1C6281-52320	PIN 8,COME-OFF SNAP	1	1						
16	1	22417-160160	COTTER PIN 1.6X16	4	4						
17	1	26016-100202	BOLT	1	1						
18	1	26716-080002	NUT M 8	2	2						
19	1	26716-120002	NUT 12	2	2						
20	1	198162-01210	ROD, FOOT AXLE	1	1						
21	1	198421-01220	SPRING,FT.ACCEL.RTRN	1	1						
22	1	22117-080000	WASHER 8	2	2						
23	1	22417-160160	COTTER PIN 1.6X16	2	2						
24	1	26116-080402	BOLT M 8X 40 PLATED	1	1						
25	1	26716-080002	NUT M 8	1	1						

Remarks

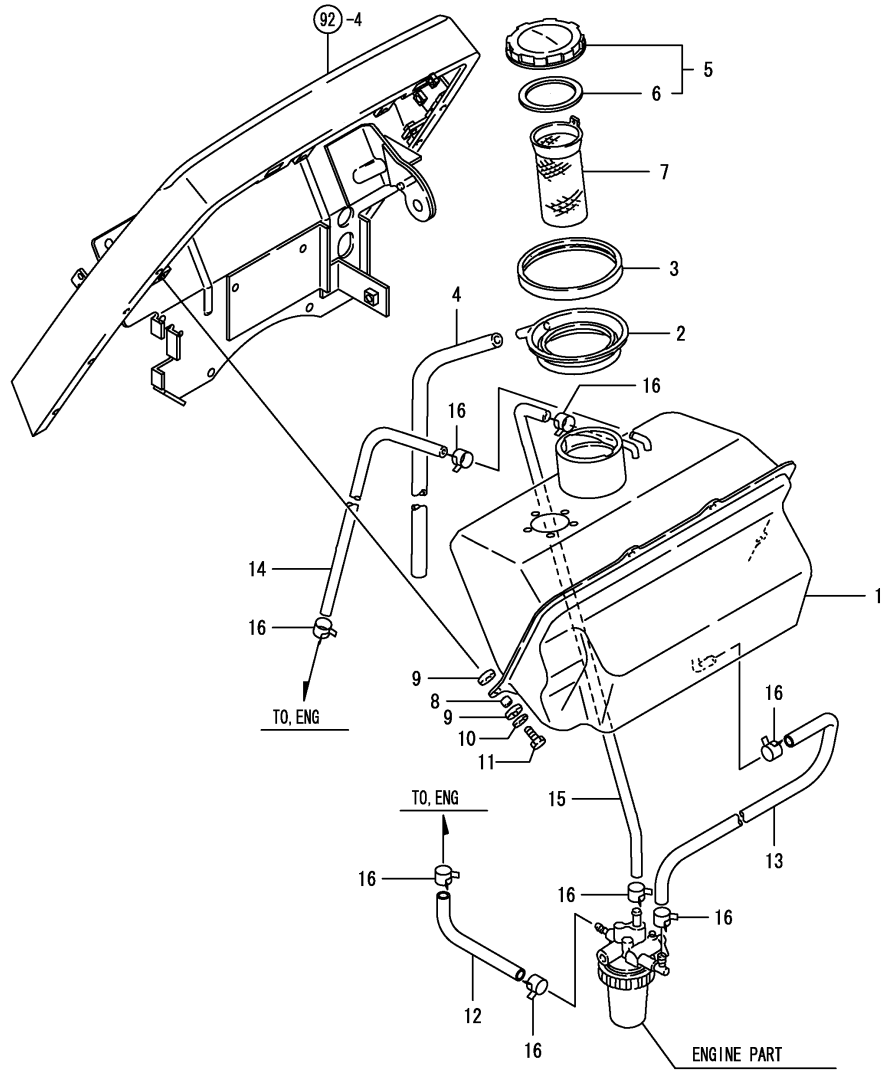
* FIGURE FOR POWER STEERING TYPE

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

Fig.76. FUEL TANK(ADD.)

(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198162-04111	TANK,FUEL OIL	1	1						
2	1	194940-04240	PAN,FUEL TANK CATCH	1	1						
3	1	194940-04250	PACKING,FUEL CAT.PAN	1	1						
4	1	198421-04430	PIPE,FUEL OIL PAN	1	1						
5	1	198163-04500	CAP,FUEL CMP	1	1						
6	2	198163-04510	SEAL	1	1						
7	1	101504-55101	STRAINER,FUEL INLET	1	1						
8	1	194215-04220	SPACER 8X10X10	4	4						
9	1	194420-62260	RUBBER, CUSHION	8	8						
10	1	22157-060000	WASHER 6	4	4						
11	1	26116-060252	BOLT 6X25	4	4						
12	1	23980-730220	PIPE	1	1						
13	1	23980-730450	FUEL PIPE 7.3X450	1	1						
14	1	23980-730500	FUEL PIPE 7.3X500	1	1						
15	1	23980-730600	FUEL PIPE 7.3X600	1	1						
16	1	23080-012000	CLAMP 12	8	8						

Remarks

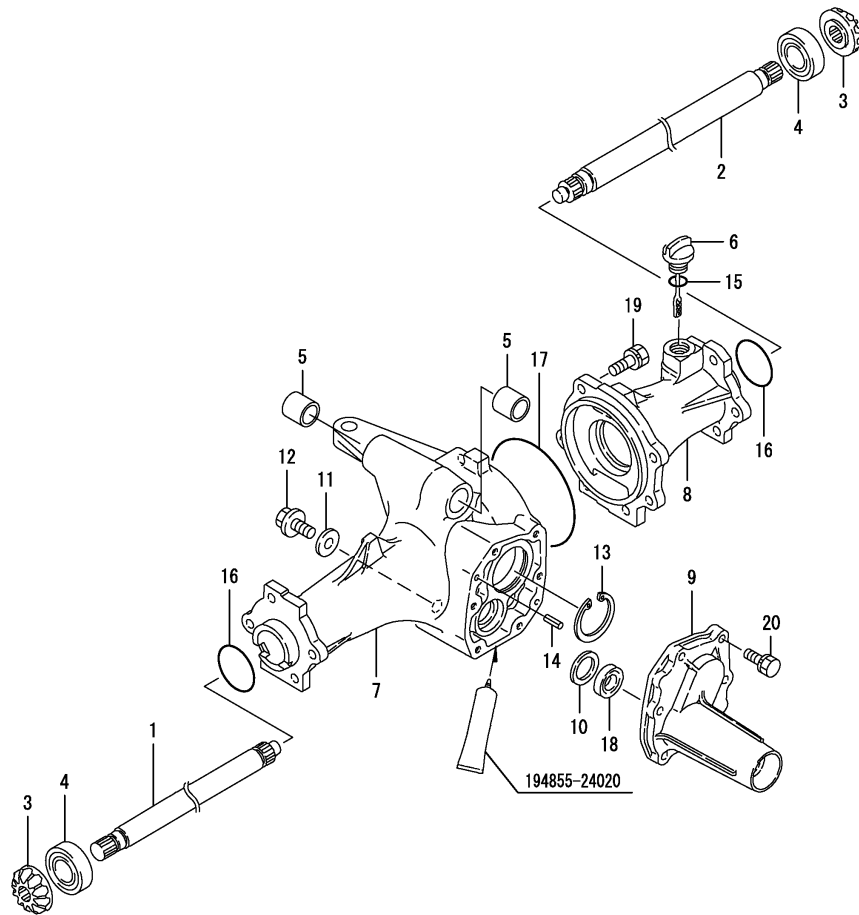
* FIGURE FOR POWER STEERING TYPE

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

Fig.78. FRONT AXLE CASE(ADD.

(A)=KE-140
(B)=KE-160
(C)=

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



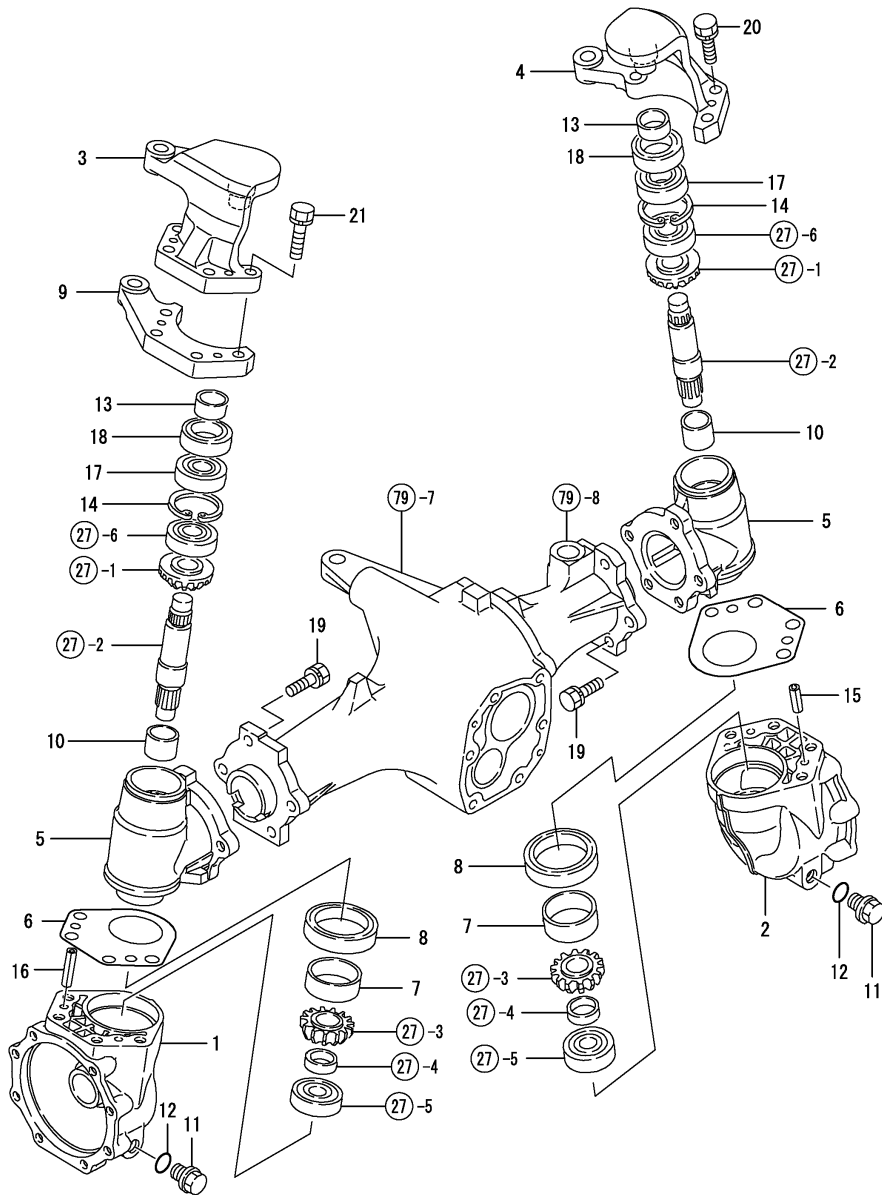
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198421-13510	SHAFT L,FRONT 1ST	1	1						
2	1	198421-13520	SHAFT R,FRONT 1ST	1	1						
3	1	198421-13530	GEAR,FRNT.1/2 SHAFT	2	2						
4	1	24101-063044	BALL BEARING	2	2						
5	1	194200-11570	BUSH	2	2						
6	1	194447-13490	CAP W/DIPSTICK	1	1						
7	1	198164-13610	CASE L,FRONT AXLE	1	1						
8	1	198425-13620	CASE R,FRONT AXLE	1	1						
9	1	198421-13630	COVER,FRNT.AXLE CASE	1	1						
10	1	198421-13650	WASHER 25X34X1.2	1	1						
11	1	198165-24440	GASKET(20*12*2	1	1						
12	1	198165-24490	BOLT M 12X 12 PLATED	1	1						
13	1	22252-000520	CIRCLIP 52	1	1						
14	1	22351-060020	SPRING PIN 6X20	2	2						
15	1	24311-000180	O-RING 1A P-18.0	1	1						
16	1	24321-000500	O-RING 1A G-50.0	2	2						
17	1	24321-001150	O-RING 1A G-115.0	1	1						
18	1	24421-173007	SEAL TC17 30 07, OIL	1	1						
19	1	26013-100302	BOLT M10X 30	6	6						
20	1	26016-080302	BOLT M 8X 30	6	6						

Remarks
* FIGURE FOR POWER STEERING TYPE

Fig.79. FRONT GEAR CASE(ADD.

(A)=KE-140
(B)=KE-160
(C)=

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



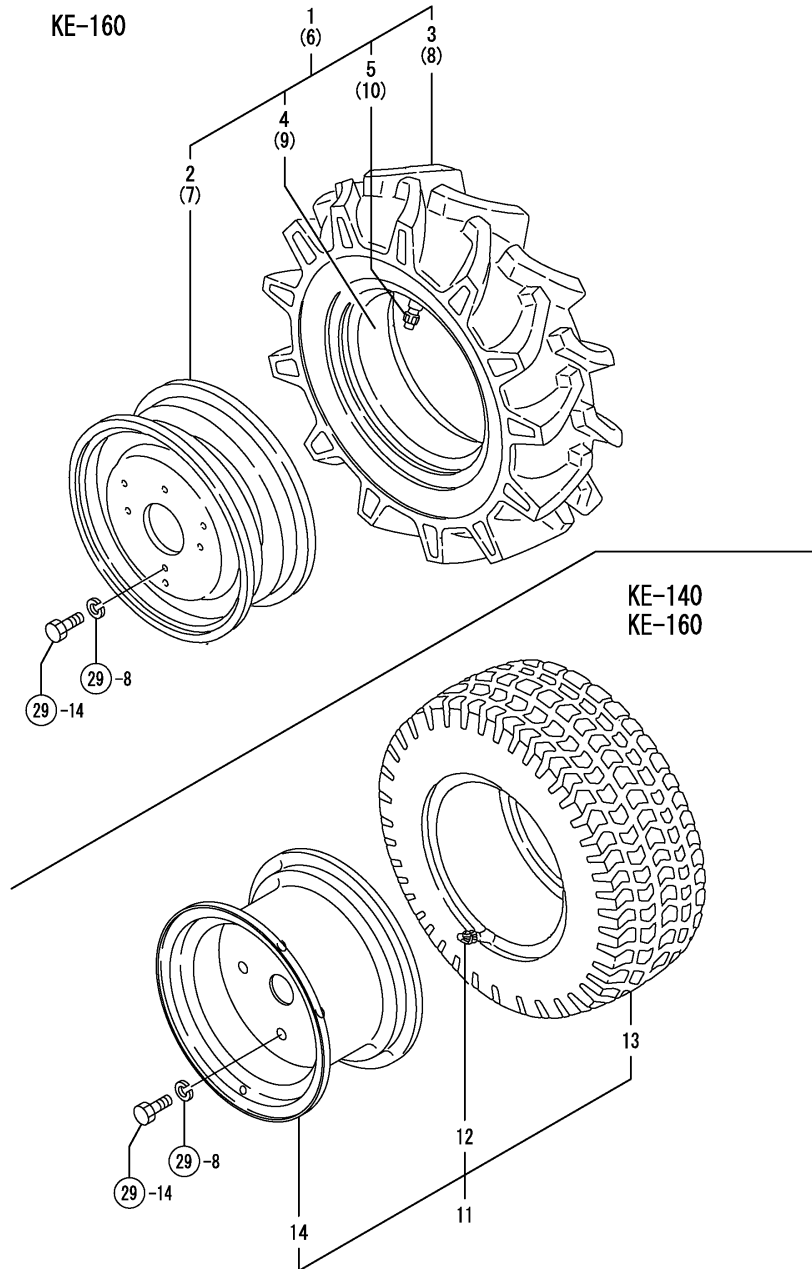
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198421-13730	BOX L,FRONT GEAR	1	1						
2	1	198421-13740	BOX R,FRONT GEAR	1	1						
3	1	198164-13760	BRACKET(L), KING PIN	1	1						
4	1	198164-13770	SUPPORT(R),KING PIN	1	1						
5	1	198421-13710	CASE,FRONT GEAR	2	2						
6	1	198421-13750	SHIM 1.0,SUPPORT	2	2						
7	1	194516-13770	SLEEVE SI455016	2	2						
8	1	194516-13780	SEAL TC6Y 506812.5	2	2						
9	1	198164-13780	ARM,TIE ROD	1	1						
10	1	198165-13830	BUSH 25X1.5	2	2						
11	1	1C6900-23120	BOLT M14X10,DRAIN	2	2						
12	1	1C6900-23150	WASHER	2	2						
13	1	1E6190-54080	SLEEVE SI25X30X13	2	2						
14	1	22252-000470	CIRCLIP 47(H)	2	2						
15	1	22351-080020	SPRING PIN 8X20	2	2						
16	1	22351-080040	SPRING PIN 8X40	2	2						
17	1	24104-062044	BALL BEARING	2	2						
18	1	24421-304708	SEAL TC30 47 08, OIL	2	2						
19	1	26013-100302	BOLT M10X 30	10	10						
20	1	26013-100352	BOLT M10X 35	4	4						
21	1	26013-100502	BOLT M10X 50	4	4						

Remarks
* FIGURE FOR POWER STEERING TYPE

Fig.80. FRONT WHEEL TIRE(ADD.

(A)=KE-140
(B)=KE-160
(C)=

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

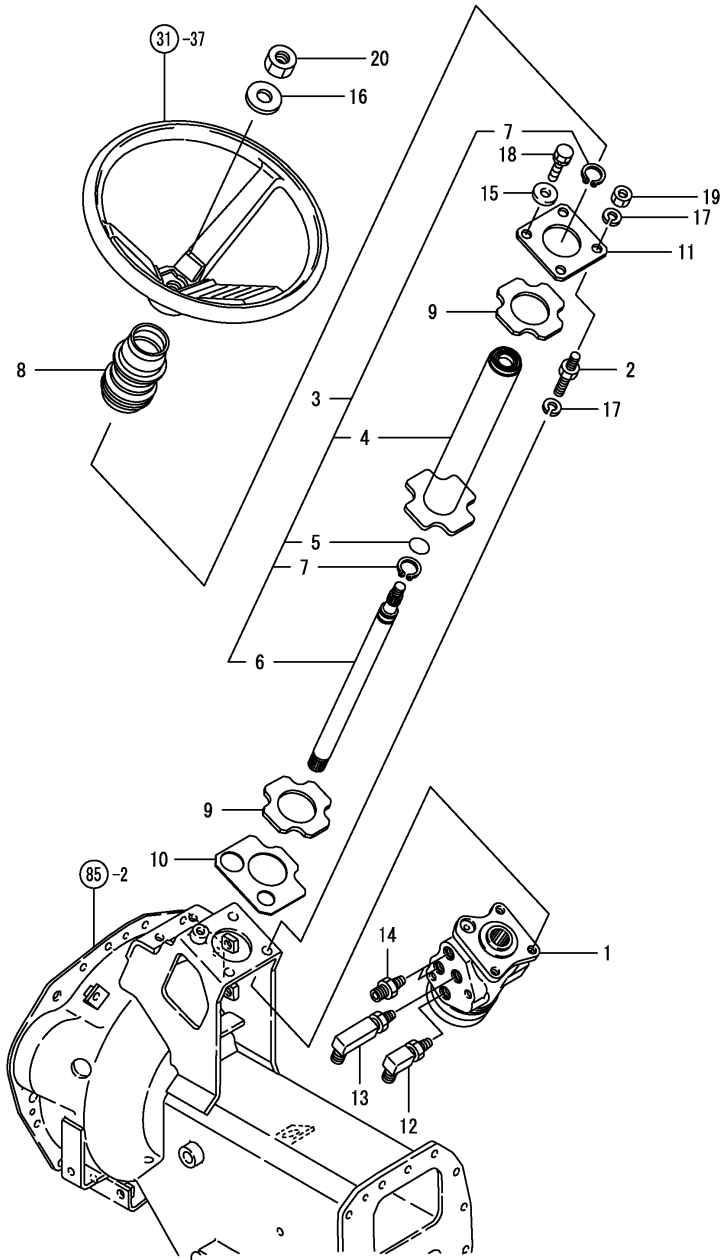


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	798531-14710	TIRE,FRONT L.H. KIT		1						
2	2	198531-14720	WHEEL DC3.00-12		1						
3	2	198531-14740	TIRE 5.00-12		1						
4	2	198531-14750	TUBE		1						
5	2	194190-34730	HOUSING,CORE		1						
6	1	798531-14810	FRONT TIRE R.H. KIT		1						
7	2	198531-14720	WHEEL DC3.00-12		1						
8	2	198531-14740	TIRE 5.00-12		1						
9	2	198531-14750	TUBE		1						
10	2	194190-34730	HOUSING,CORE		1						
11	1	198163-14730	TIRE,FRONT(TURF KIT	2	2						
12	2	194136-12880	VALVE TR413	2	2						
13	2	198163-14740	TURF TIRE 20*8.00	2	2						
14	2	198163-14750	DISC 6.00I-10	2	2						

Fig.81. P.S.T VALVE(ADD.

(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198167-17300	VALVE H, P.STEERING	1	1						
2	1	198165-17310	BOLT M 10, ST COLUM	3	3						
3	1	198163-17410	COLUM SET	1	1						
4	2	198163-17420	PST COLUM CMP	1	1						
5	2	198164-17450	PACKING	1	1						
6	2	198163-17460	STEARING SHAFT	1	1						
7	2	22242-000200	CIRCLIP 20	2	2						
8	1	198164-17470	BOOT ASSY, STEERING	1	1						
9	1	198165-17481	RUBBER, ST COLUMN	2	2						
10	1	198163-17490	SPACER,COLUMN	1	1						
11	1	198164-17500	PLATE, ST COLUMN	1	1						
12	1	198165-17731	ELBO, 1/4X9/16	1	1						
13	1	198165-17741	ELBO L, 1/4X9/16	1	1						
14	1	198165-17790	CONNECTOR	2	2						
15	1	22137-100000	WASHER 10,POLISHED	1	1						
16	1	22137-160000	WASHER 16,POLISHED	1	1						
17	1	22217-100000	SPRING WASHER 10	6	6						
18	1	26016-100162	BOLT M10X 16	1	1						
19	1	26736-100002	NUT M10	3	3						
20	1	26776-160002	LOCK NUT M16 PLATED	1	1						

Remarks

* FIGURE FOR POWER STEERING TYPE

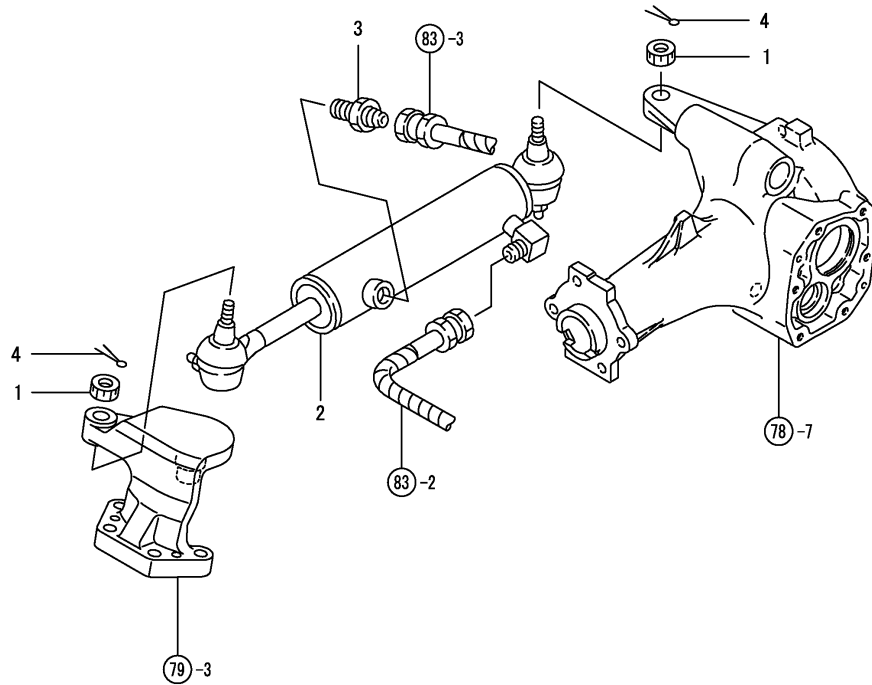
N:Old $\xrightarrow{\text{Yes}}$ New, Q:Old $\xrightarrow{\text{No}}$ New, R:Old $\xrightarrow{\text{Yes}}$ New, S:Old $\xrightarrow{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Fig.82. P.S.T CYLINDER(ADD.)

(A)=KE-140
(B)=KE-160
(C)=

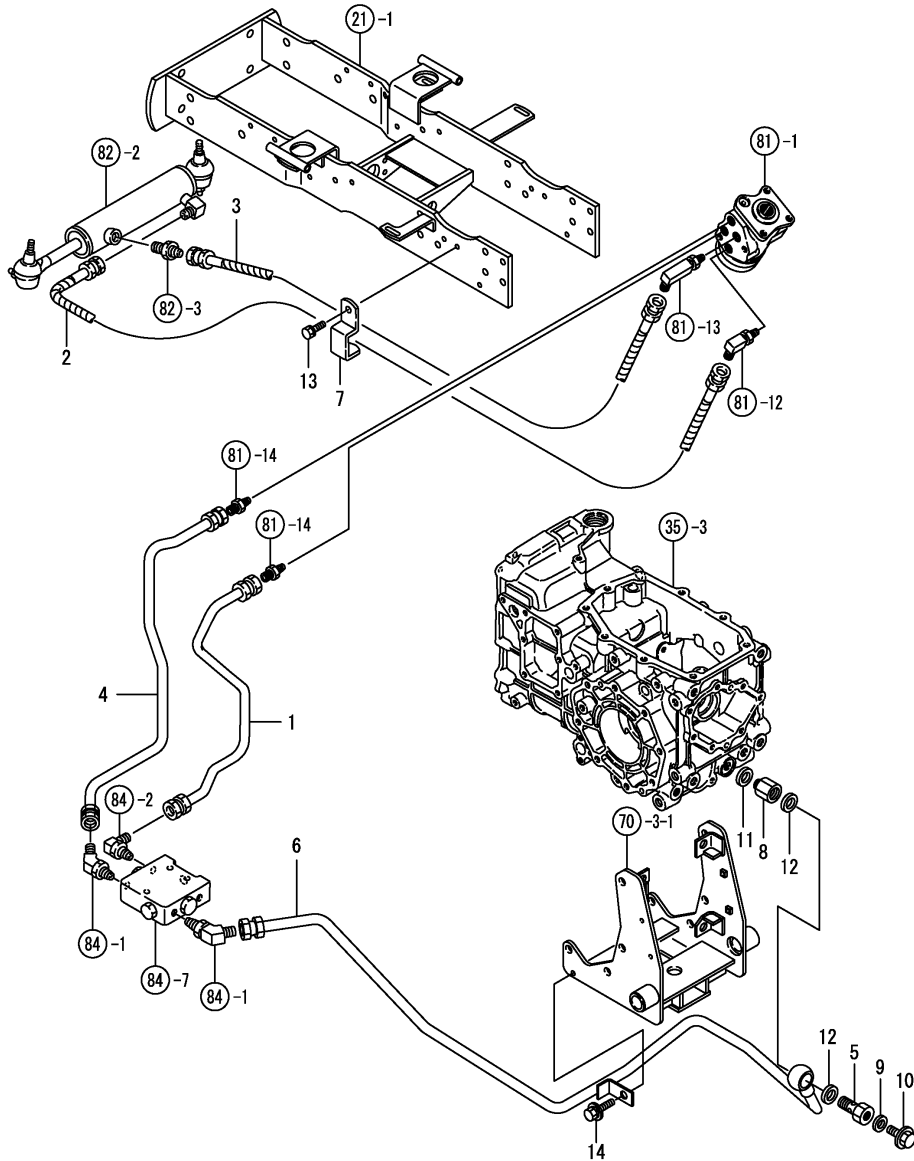
(D)=
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194215-12340	NUT M10	2	2						
2	1	198164-17540	CYLINDER, PS	1	1						
3	1	172520-76210	FITTING 1/4	1	1						
4	1	22417-250250	COTTER PIN 2.5X25	2	2						



Remarks
* FIGURE FOR POWER STEERING TYPE

Fig.83. P.S.T PIPING(ADD.)



(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198164-17660	PIPE, HP	1	1						
2	1	198163-17710	HOSE A, HYDRAULIC PS	1	1						
3	1	198163-17720	HOSE B, HYDRAULIC PS	1	1						
4	1	198163-17740	DRAIN PIPE (PS)	1	1						
5	1	198163-17771	BOLT 18, JOINT	1	1						
6	1	198163-17780	DRAIN PIPE B (PS)	1	1						
7	1	198164-17780	CLAMP	1	1						
8	1	198163-17790	ADAPTER	1	1						
9	1	198165-24440	GASKET (20*12*2)	1	1						
10	1	198165-24490	BOLT M 12X 12 PLATED	1	1						
11	1	23414-140018	GASKET 14	1	1						
12	1	23414-180023	GASKET 18	2	2						
13	1	26016-080122	BOLT M 8X 12	1	1						
14	1	26018-080162	BOLT M 8X 16	1	1						

Remarks

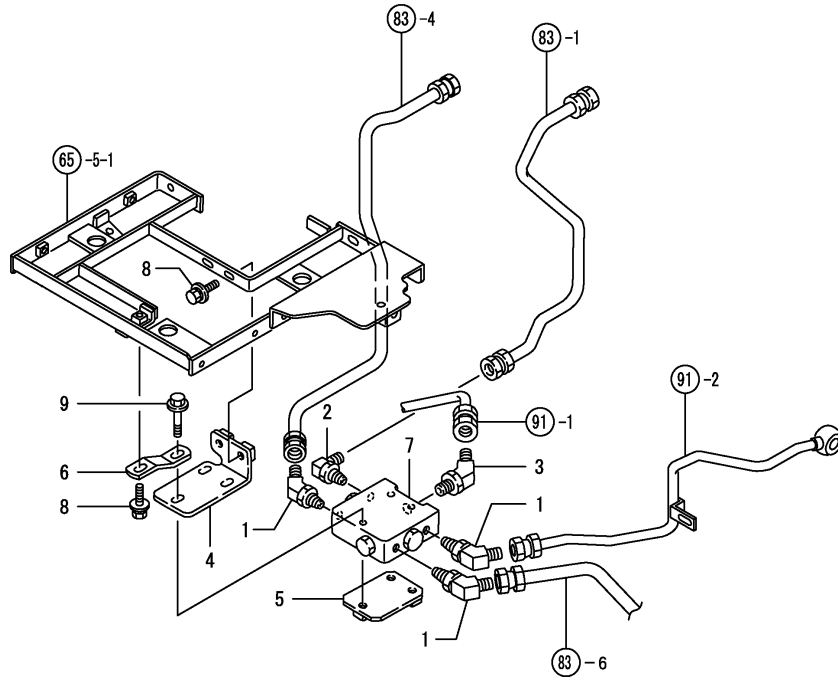
* FIGURE FOR POWER STEERING TYPE

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

Fig.84. FLOW DEVIDER(ADD.)

(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198165-17711	ELBO, 45	3	3						
2	1	198165-17781	ELBO, 1/4X1/4	1	1						
3	1	198164-17810	ELBOW 45 3/8	1	1						
4	1	198164-17830	BRACKET ASSY, FD	1	1						
5	1	198164-17850	PLATE ASS, FD	1	1						
6	1	198163-17870	STAY, FD	1	1						
7	1	198164-17900	DIVIDER.,FLOW KIT	1	1						
8	1	26018-080252	BOLT M8X 25	3	3						
9	1	26106-080502	BOLT M 8X 50 PLATED	3	3						

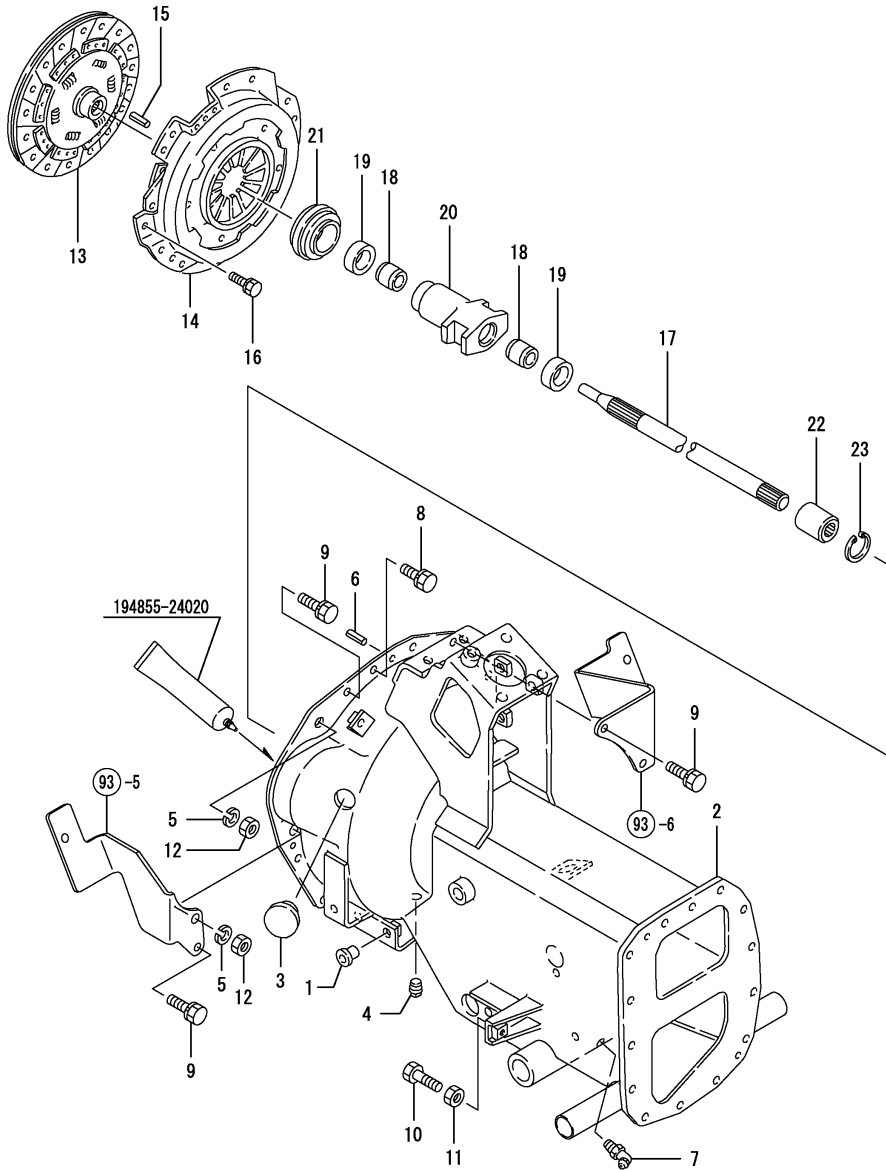
Remarks

* FIGURE FOR POWER STEERING TYPE

Fig.85. CLUTCH HOUSING(ADD.

(A)=KE-140
(B)=KE-160
(C)=

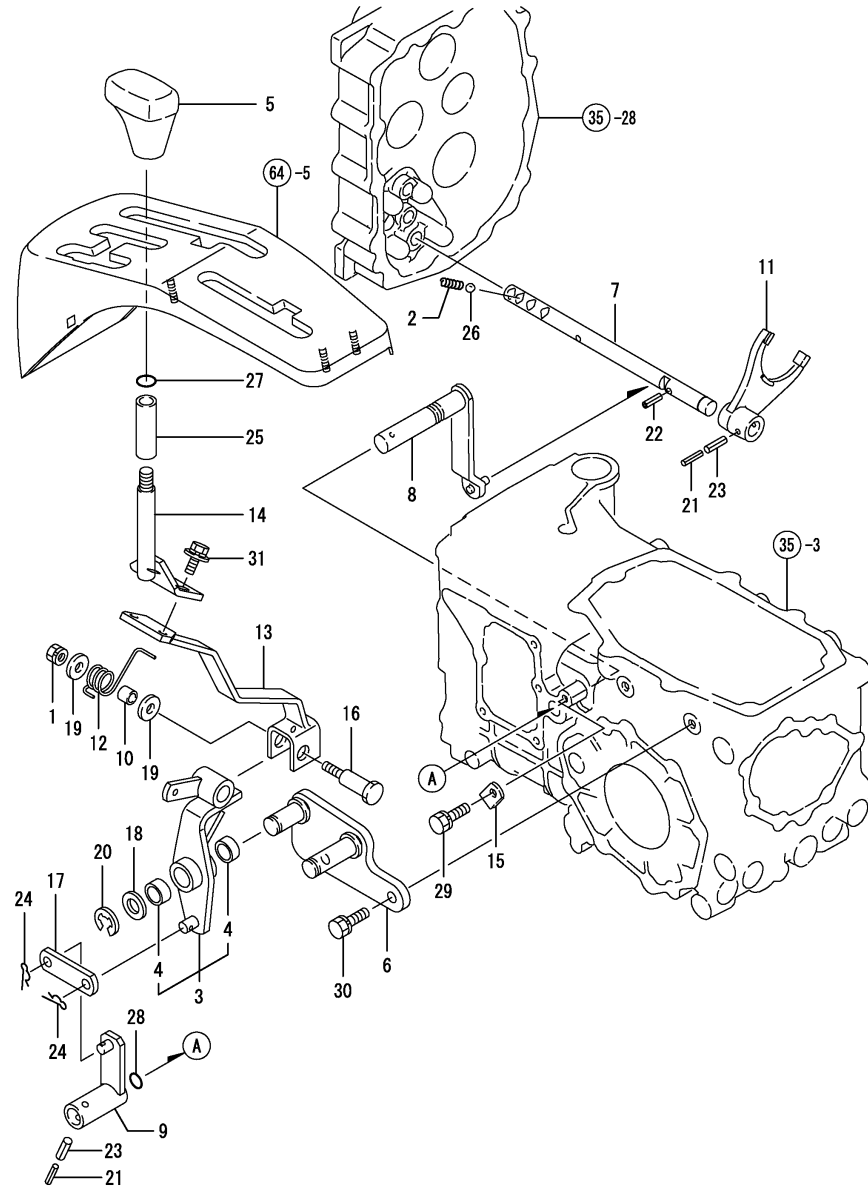
(D)=
(E)=
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194201-11230	CAP 11X21	4	4						
2	1	198163-21250	HOUSING ASSY, CLUTCH	1	1						
3	1	194300-21460	CAP	1	1						
4	1	194151-36670	PLUG PT02	1	1						
5	1	22217-100000	SPRING WASHER 10	2	2						
6	1	22351-080016	SPRING PIN 8X16	2	2						
7	1	24761-040000	NIPPLE B,GREASE	1	1						
8	1	26013-080122	BOLT M 8X 12	2	2						
9	1	26013-080202	BOLT W/WASHER M8X20	9	9						
10	1	26116-100352	BOLT 10X35	1	1						
11	1	26716-100002	NUT 10	1	1						
12	1	26716-100002	NUT 10	2	2						
13	1	198165-21450	DISC, CLUTCH	1	1						
14	1	194215-21701	PRESSURE PLATE	1	1						
15	1	22351-080016	SPRING PIN 8X16	3	3						
16	1	26013-080162	BOLT W/WASHER M8X16	6	6						
17	1	198421-22110	SHAFT,MAIN DRIVE	1	1						
18	1	194215-22210	BUSH 20.4X25X20	2	2						
19	1	194215-22220	FELT	2	2						
20	1	194215-22230	SLEEVE, BEARING	1	1						
21	1	194300-22240	BEARING, RELEASE	1	1						
22	1	194310-25100	JOINT	1	1						
23	1	22252-000170	CIRCLIP 17	1	1						

Remarks
* FIGURE FOR POWER STEERING TYPE

Fig.86. MAIN CHANGE(ADD.)



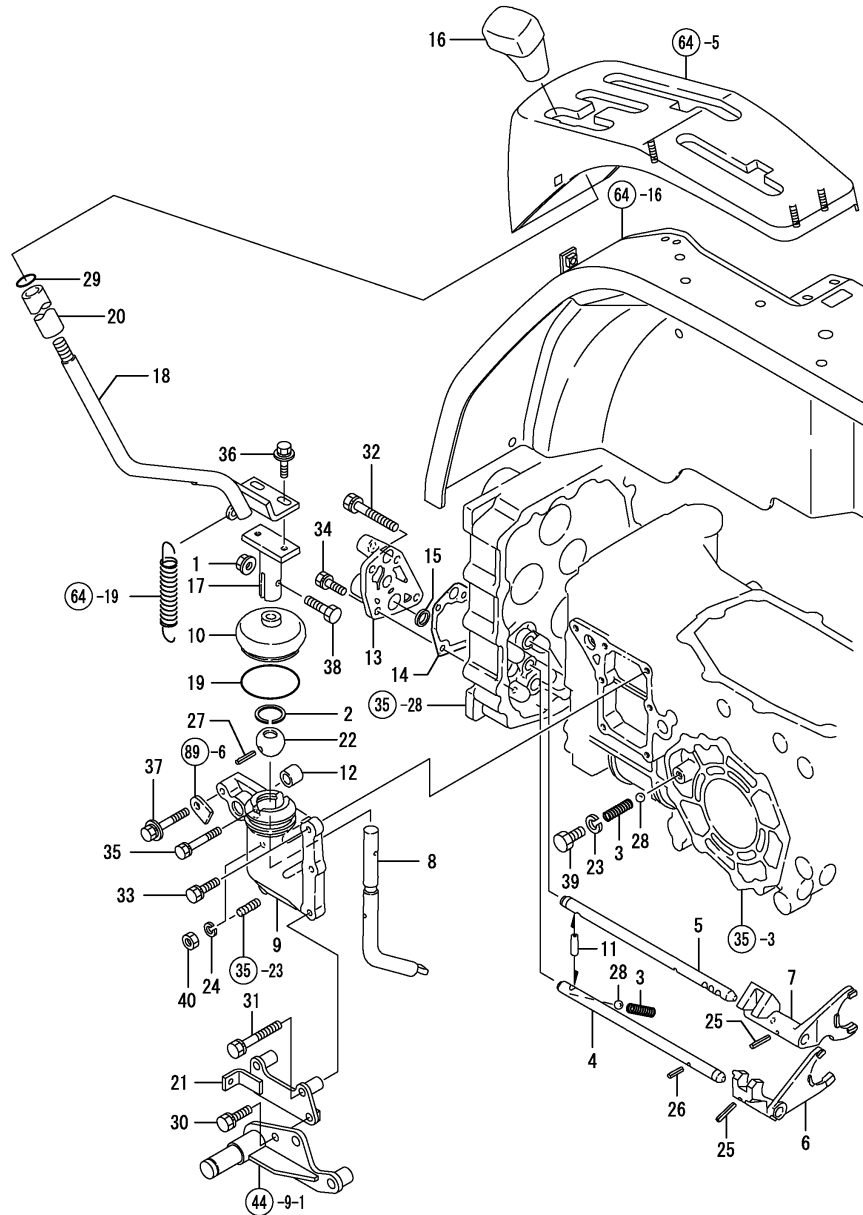
(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22050	NUT W/WASHER 8	1	1						
2	1	198421-27110	SPRING 38.4	1	1						
3	1	198163-27200	LEVER KIT,MAIN RANGE	1	1						
4	2	24550-018100	BUSH 18X10	2	2						
5	1	1A7720-27240	KNOB	1	1						
6	1	198163-27510	BRACKET, LEVER	1	1						
7	1	198163-27520	SHAFT FORK,M.CHANGE	1	1						
8	1	198421-27521	ARM, SHIFT	1	1						
9	1	198163-27531	LEVER A,MAIN CHANGE	1	1						
10	1	198163-27540	COLLAR	1	1						
11	1	198435-27551	FORK, SHIFT	1	1						
12	1	198163-27560	SPRING	1	1						
13	1	198163-27572	LEVER, M.RANGE INNER	1	1						
14	1	198163-27630	LEVER,MAIN CHANGE	1	1						
15	1	194197-27681	PLATE, KEEP	1	1						
16	1	198163-27910	PIN	1	1						
17	1	198327-47930	PLATE, LINK	1	1						
18	1	22137-180000	WASHER 18	1	1						
19	1	22157-080000	WASHER 8	2	2						
20	1	22272-000150	CIRCLIP E-15	1	1						
21	1	22351-035025	SPRING PIN 3.5X25	2	2						
22	1	22351-060020	SPRING PIN 6X20	1	1						
23	1	22351-060025	SPRING PIN 6X25	2	2						
24	1	22360-100000	SNAP PIN 10	2	2						
25	1	23061-150065	HOSE, 15 X 65	1	1						
26	1	24190-100001	BALL 5/16, STEEL	1	1						
27	1	24311-000110	O-RING 1A P-11.0	1	1						
28	1	24311-000125	O-RING 1A P-12.5	1	1						
29	1	26013-080202	BOLT W/WASHER M8X20	1	1						
30	1	26013-080252	BOLT M 8X 25	2	2						
31	1	26018-080202	BOLT M 8X 20	2	2						

Remarks
* FIGURE FOR POWER STEERING TYPE

Fig.87. SUB CHANGE(ADD.)



(A)=KE-140
(B)=KE-160
(C)=

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

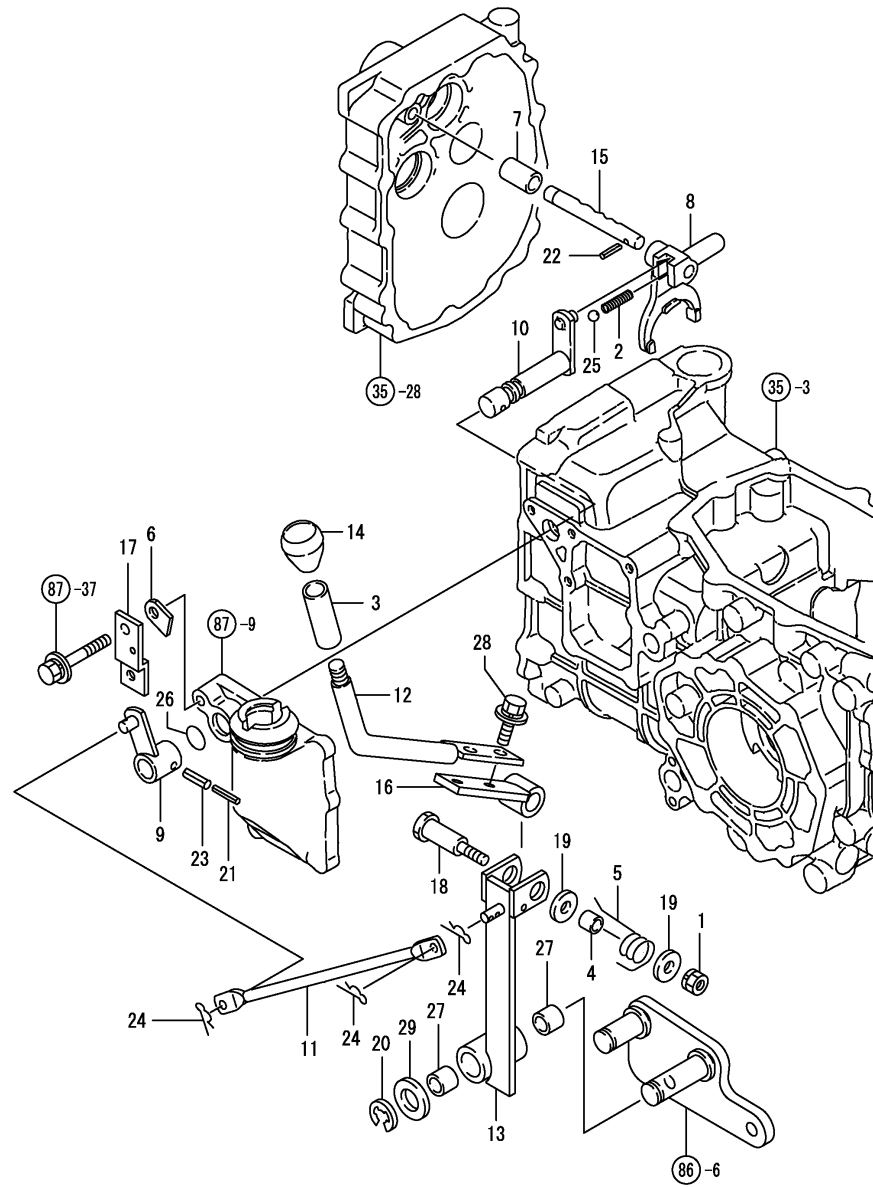
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22140	NUT W/WASHER 8	1	1						
2	1	1A1040-26320	CIRCLIP 30-H	1	1						
3	1	198421-27110	SPRING 38.4	2	2						
4	1	198163-27120	SHAFT H,FORK	1	1						
5	1	198163-27130	SHAFT L,FORK	1	1						
6	1	198435-27142	FORK, SHIFT	1	1						
7	1	198435-27151	FORK, SHIFT L	1	1						
8	1	198421-27160	ARM,MAIN CHANGE	1	1						
9	1	198421-27170	CASE,MAIN CHANGE	1	1						
10	1	198421-27180	BOOT,RUBBER	1	1						
11	1	198421-27190	SPINDLE 8X16	1	1						
12	1	198421-27200	BUSH 17X19X15	1	1						
13	1	198425-27213	CASE,FORK SHAFT	1	1						
14	1	198421-27221	PACKING, SHAFT CASE	1	1						
15	1	198425-27230	COLLAR,FORK SHAFT CS	1	1						
16	1	1A7720-27240	KNOB	1	1						
17	1	198435-27260	LEVER,SUB-CHG.LOWER	1	1						
18	1	198163-27270	LEVER,SUB-CHANGE	1	1						
19	1	198425-27290	O RING 35	1	1						
20	1	198165-27360	LEVER TUBE	1	1						
21	1	198163-36510	SUPPORT ASSY, HOLDER	1	1						
22	1	1E6140-56230	BALL, SHIFTER	1	1						
23	1	22217-100000	SPRING WASHER 10	1	1						
24	1	22287-080000	LOCKING WASHER	1	1						
25	1	22351-050020	SPRING PIN 5X20	2	2						
26	1	22351-050025	SPRING PIN 5X25	1	1						
27	1	22351-060040	SPRING PIN 6X40	1	1						
28	1	24190-100001	BALL 5/16, STEEL	2	2						
29	1	24311-000110	O-RING 1A P-11.0	1	1						
30	1	26013-080202	BOLT W/WASHER M8X20	1	1						
31	1	26013-080502	BOLT M 8X 50	2	2						
32	1	26013-080552	BOLT M 8X 55	1	1						
33	1	26016-080252	BOLT M 8X 25	2	2						
34	1	26016-080252	BOLT M 8X 25	3	3						
35	1	26016-080402	BOLT M 8X 40	1	1						
36	1	26018-080202	BOLT M 8X 20	2	2						
37	1	26018-080452	BOLT 8X 45	1	1						
38	1	26116-080304	BOLT M8 X 30 PLATED	1	1						
39	1	26116-100122	BOLT M10X 12 PLATED	1	1						
40	1	26716-080002	NUT M 8	1	1						

Remarks
* FIGURE FOR POWER STEERING TYPE

Fig.88. PTO CHANGE(ADD.)

(A)=KE-140
(B)=KE-160
(C)=

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



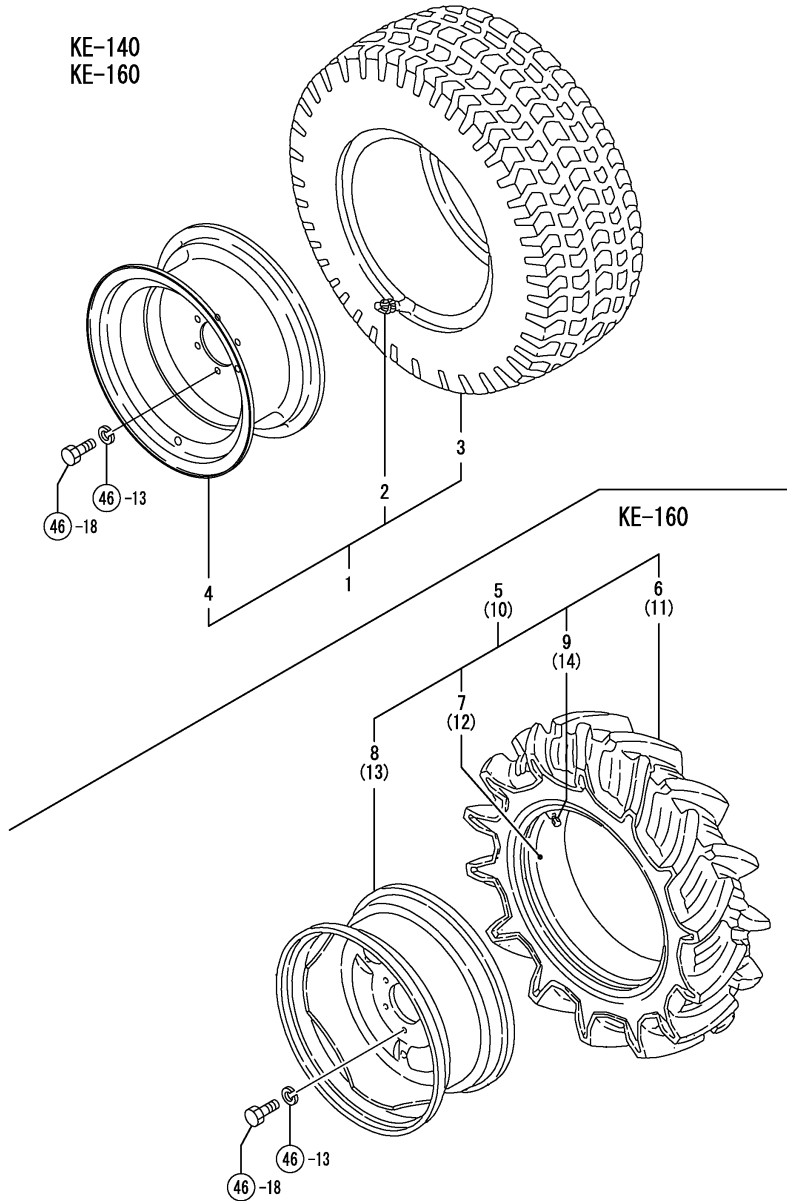
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194990-22050	NUT W/WASHER 8	1	1						
2	1	198421-27110	SPRING 38.4	1	1						
3	1	198165-27350	LEVER TUBE	1	1						
4	1	198163-27540	COLLAR	1	1						
5	1	198163-27560	SPRING	1	1						
6	1	194197-27681	PLATE, KEEP	1	1						
7	1	198435-27700	COLLAR, PTO FK.SHAFT	1	1						
8	1	198435-27721	FORK, SHIFT	1	1						
9	1	198435-27731	ARM, P.T.O. SHIFT	1	1						
10	1	198435-27740	ARM, P.T.O.	1	1						
11	1	198435-27760	LINK, P.T.O.SHIFT	1	1						
12	1	198163-27770	LEVER, PTO UPPER	1	1						
13	1	198163-27790	LEVER, P.T.O.LOWER	1	1						
14	1	1A7720-27810	KNOB	1	1						
15	1	198163-27810	SHAFT, PTO FORK	1	1						
16	1	198163-27840	LEVER, P.T.O.INNER	1	1						
17	1	198163-27870	KEY	1	1						
18	1	198163-27910	PIN	1	1						
19	1	22157-080000	WASHER 8	2	2						
20	1	22272-000150	CIRCLIP E-15	1	1						
21	1	22351-035025	SPRING PIN 3.5X25	1	1						
22	1	22351-050020	SPRING PIN 5X20	1	1						
23	1	22351-060025	SPRING PIN 6X25	1	1						
24	1	22372-080000	SNAP PIN (JASO 8)	3	3						
25	1	24190-100001	BALL 5/16, STEEL	1	1						
26	1	24311-000125	O-RING 1A P-12.5	1	1						
27	1	24550-018100	BUSH 18X10	2	2						
28	1	26018-080202	BOLT M 8X 20	2	2						
29	1	22137-180000	WASHER 18	1	1						

Remarks
* FIGURE FOR POWER STEERING TYPE

Fig.89. REAR WHEEL TIRE(ADD.)

(A)=KE-140
(B)=KE-160
(C)=

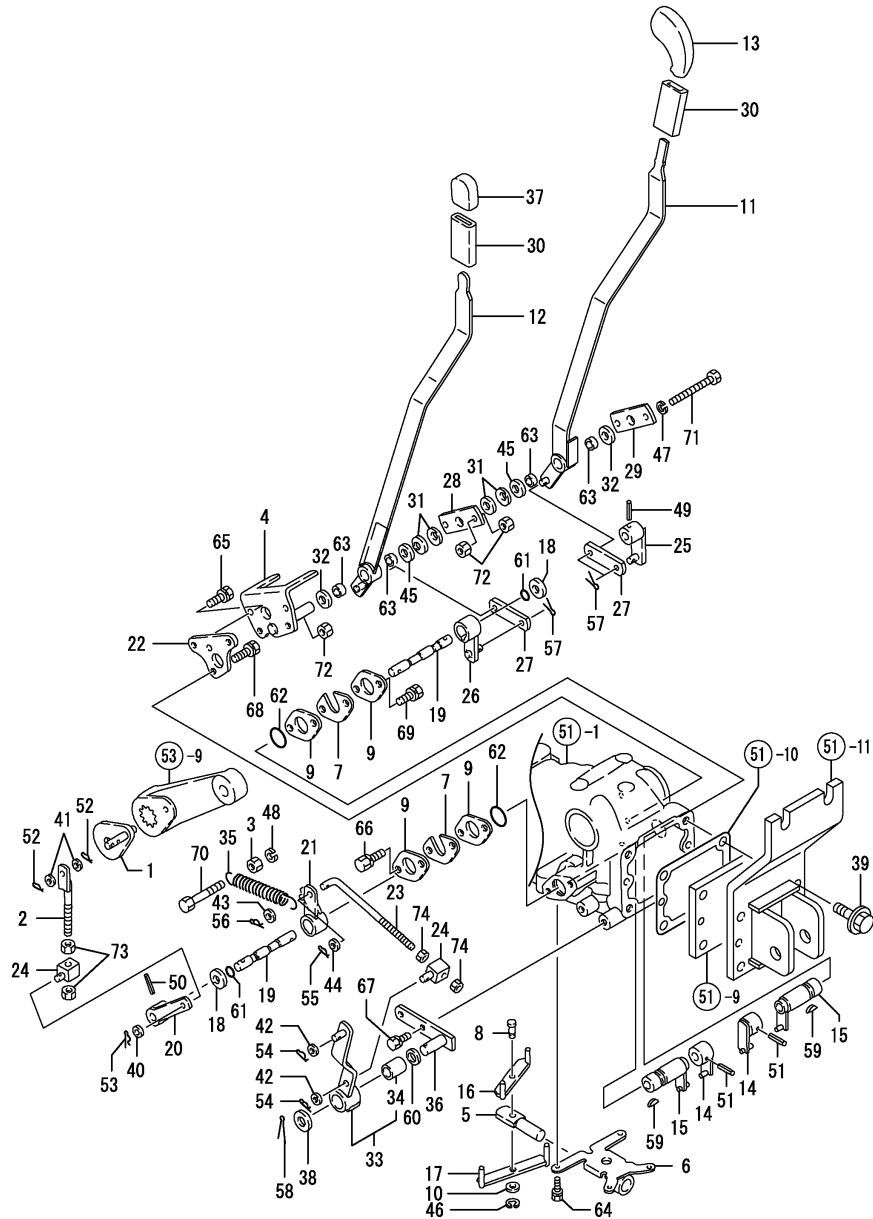
(D)=
(E)=
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-34300	TIRE,REAR(TURF KIT	2	2						
2	2	194136-12880	VALVE TR413	2	2						
3	2	198163-34310	TURF TIRE 212/80	2	2						
4	2	198163-34320	WHEEL 7JAX15	2	2						
5	1	198164-34300	TIRE 8-18 L KIT					1			
6	2	198164-34320	TIRE 8-18					1			
7	2	198164-34330	TUBE					1			
8	2	198531-34730	WHEEL W6-18					1			
9	2	194190-34730	HOUSING,CORE					1			
10	1	198164-34350	TIRE 8-18 R KIT					1			
11	2	198164-34320	TIRE 8-18					1			
12	2	198164-34330	TUBE					1			
13	2	198531-34730	WHEEL W6-18					1			
14	2	194190-34730	HOUSING,CORE					1			

Remarks
* FIGURE FOR POWER STEERING TYPE

Fig.90. HYDRAULIC CONTROL(ADD.



Remarks
 * FIGURE FOR POWER STEERING TYPE

(A)=KE-140
 (B)=KE-160
 (C)=

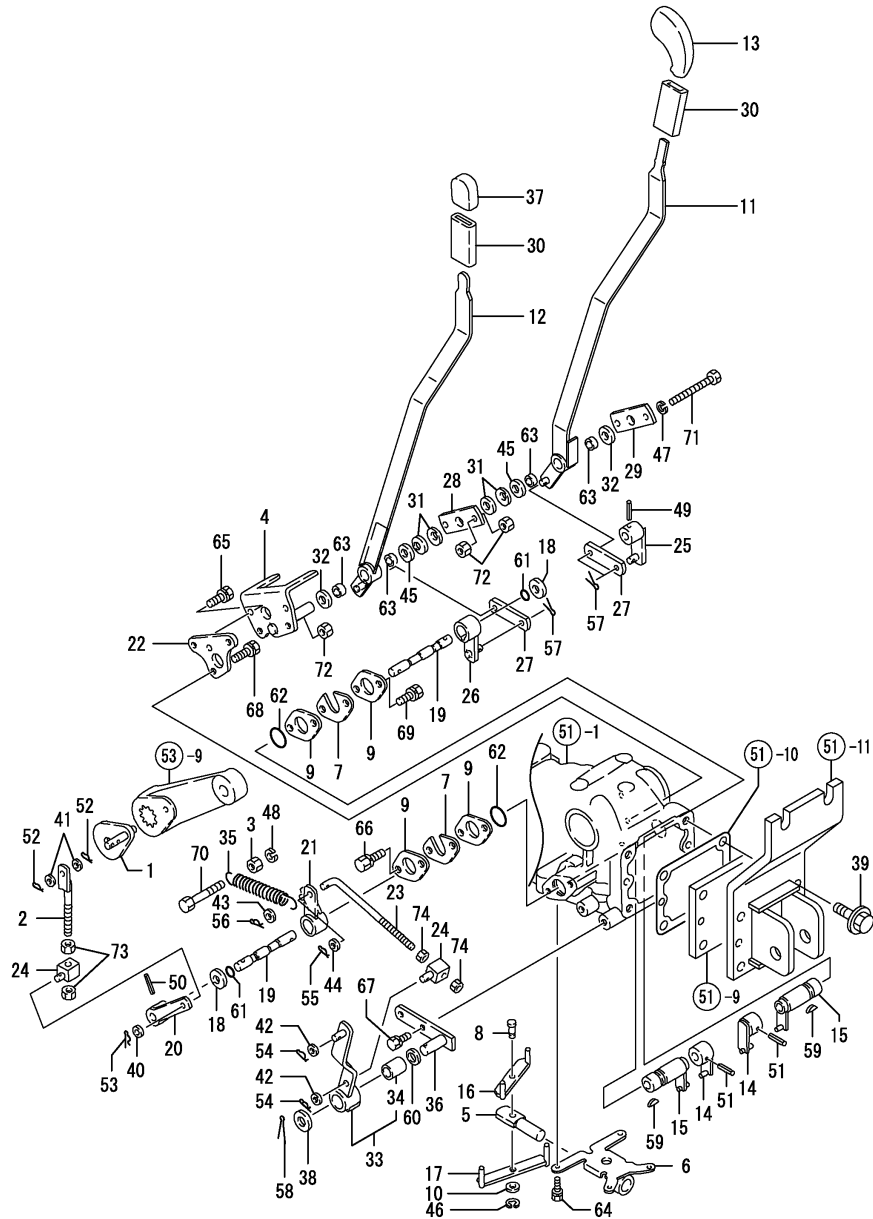
(D)=
 (E)=
 (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198431-44510	ARM,FEEDBACK	1	1						
2	1	194208-47510	ROD, FEED BACK	1	1						
3	1	26716-080002	NUT M 8	1	1						
4	1	198435-47310	STOPPER, CONTROL	1	1						
5	1	198431-47320	ROD,CONTROL	1	1						
6	1	198431-47330	PLATE	1	1						
7	1	194555-47340	PLATE (A)	2	2						
8	1	198431-47340	PIN,CONTROL	1	1						
9	1	194555-47350	PLATE	4	4						
10	1	198431-47350	WASHER	1	1						
11	1	198163-47360	LEVER,PRESS.CONTROL	1	1						
12	1	198163-47370	LEVER,DIFF.CONTROL	1	1						
13	1	194215-47380	KNOB	1	1						
14	1	198431-47390	ARM,POSITION SET	2	2						
15	1	198431-47400	ARM,DRAFT SET	2	2						
16	1	198431-47420	BAR,POSITION CONTROL	1	1						
17	1	198431-47430	BAR,DRAFT CONTROL	1	1						
18	1	194180-47440	GASKET	2	2						
19	1	194208-47450	SHAFT, FEED BACK	2	2						
20	1	198431-47470	ARM,POS.FEEDBACK	1	1						
21	1	198431-47480	ARM,DRAFT FEEDBACK	1	1						
22	1	198435-47490	BASE,STOPF R	1	1						
23	1	198431-47520	ROD,DRAFT FEEDBACK	1	1						
24	1	194208-47530	ADJUSTER	2	2						
25	1	198435-47530	ARM, CONTROL	1	1						
26	1	198435-47540	ARM, CONTROL	1	1						
27	1	198435-47550	LINK, CONTROL	2	2						
28	1	198435-47560	PLATE	1	1						
29	1	198435-47580	PLATE B	1	1						
30	1	198162-47630	TUBE,PROTECTIVE	2	2						
31	1	194151-47760	WASHER 12	4	4						
32	1	194310-47790	PLATE, FRICTION	2	2						
33	1	198163-47800	ARM-FEEDBACK-ASSY	1	1						
34	2	194310-21210	BUSH 15X20X25	1	1						
35	1	194215-47840	SPRING, RETURN	1	1						
36	1	198431-47870	PLATE,FEEDBACK	1	1						
37	1	194273-47910	KNOB	1	1						
38	1	194550-47910	SPACER 15X28X2	1	1						
39	1	198165-85960	BOLT M12X 45 PLATED	4	4						
40	1	22137-080000	WASHER 8, POLISHED	1	1						
41	1	22137-080000	WASHER 8, POLISHED	2	2						
42	1	22137-080000	WASHER 8, POLISHED	2	2						
43	1	22137-080000	WASHER 8, POLISHED	1	1						
44	1	22137-080000	WASHER 8, POLISHED	1	1						
45	1	22137-120000	WASHER 12,POLISHED	2	2						
46	1	22272-000060	CIRCLIP E- 6	1	1						
47	1	22287-080000	LOCKING WASHER	2	2						
48	1	22287-080000	LOCKING WASHER	1	1						
49	1	22351-050025	SPRING PIN 5X25	1	1						
50	1	22351-050025	SPRING PIN 5X25	1	1						
51	1	22351-050025	SPRING PIN 5X25	2	2						

Fig.90. HYDRAULIC CONTROL(ADD.

(A)=KE-140
(B)=KE-160
(C)=

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



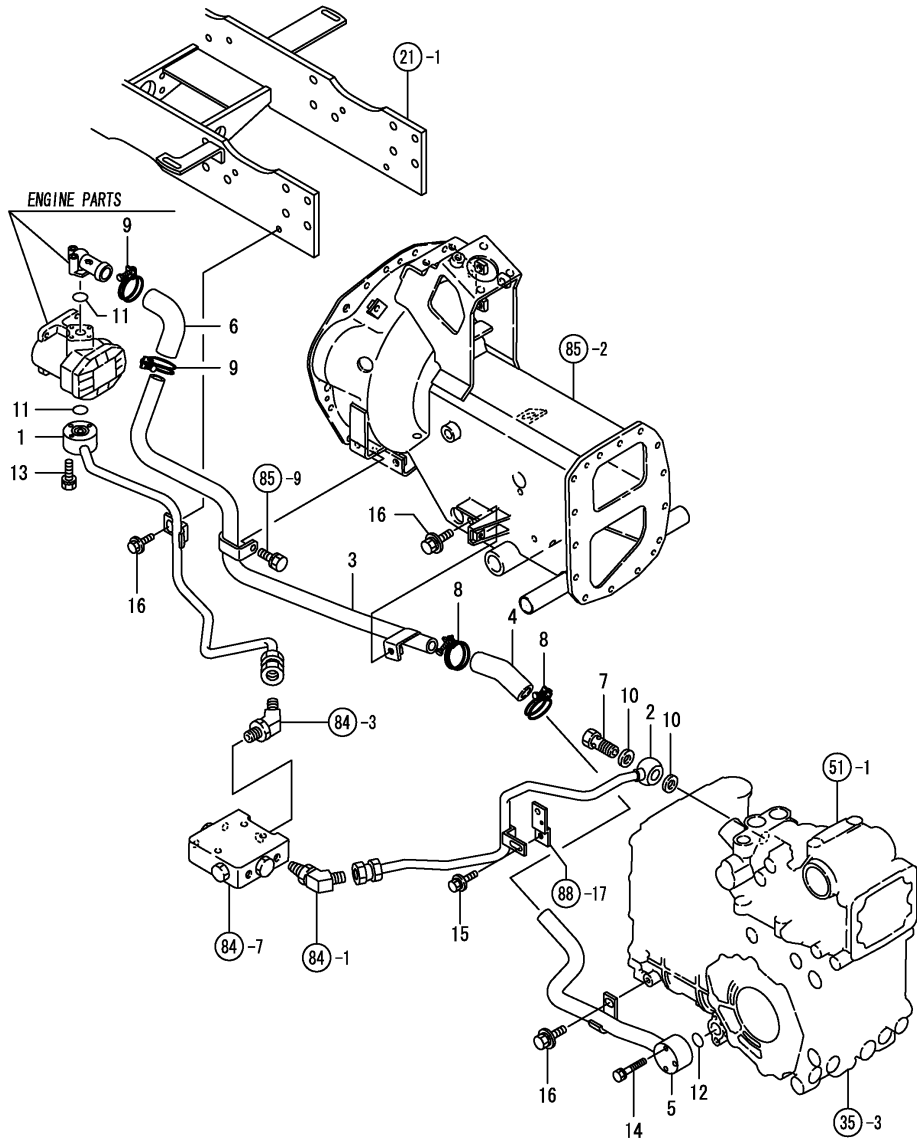
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	1	22372-080000	SNAP PIN (JASO 8)	2	2						
53	1	22372-080000	SNAP PIN (JASO 8)	1	1						
54	1	22372-080000	SNAP PIN (JASO 8)	2	2						
55	1	22372-080000	SNAP PIN (JASO 8)	1	1						
56	1	22372-080000	SNAP PIN (JASO 8)	1	1						
57	1	22417-200160	COTTER PIN 2.0X16	4	4						
58	1	22417-250320	COTTER PIN 2.5X 32	1	1						
59	1	22522-030130	WOODRUFF KEY 3X13	1	1						
60	1	23414-150000	PACKING -15	1	1						
61	1	24311-000090	O-RING 1A P-9.0	2	2						
62	1	24311-000200	O-RING 1A P-20.0	2	2						
63	1	24550-012060	BUSH 12X 6	4	4						
64	1	26016-060162	BOLT M 6X 16	4	4						
65	1	26016-080122	BOLT M 8X 12	2	2						
66	1	26016-080202	BOLT M 8X 20	2	2						
67	1	26016-080202	BOLT M 8X 20	2	2						
68	1	26016-080202	BOLT M 8X 20	2	2						
69	1	26016-080202	BOLT M 8X 20	2	2						
70	1	26116-080552	BOLT 8X55	1	1						
71	1	26116-080804	BOLT M 8X 80 PLATED	2	2						
72	1	26716-080002	NUT M 8	6	6						
73	1	26716-080002	NUT M 8	2	2						
74	1	26716-080002	NUT M 8	2	2						

Remarks

* FIGURE FOR POWER STEERING TYPE

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

Fig.91. HYDRAULIC PIPING(ADD.)



(A)=KE-140
(B)=KE-160
(C)=

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

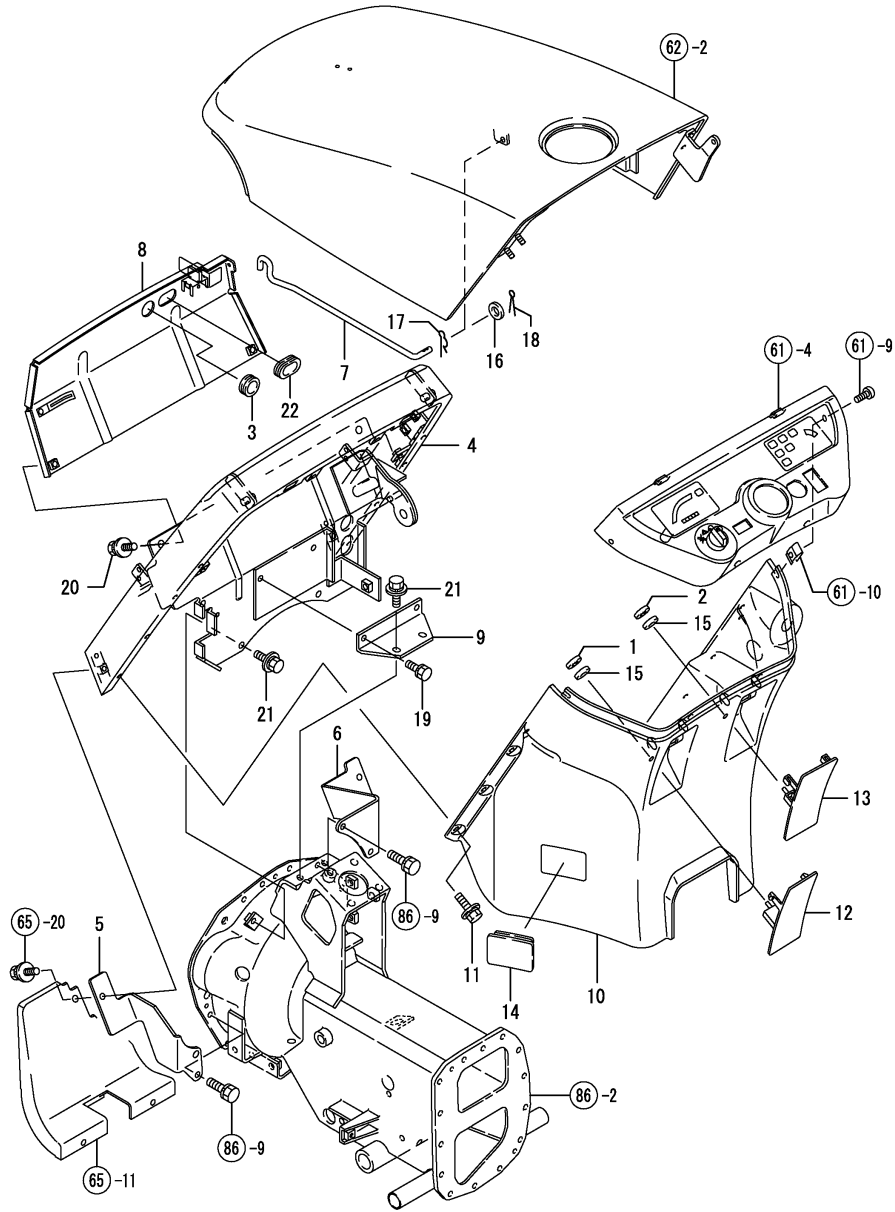
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-48160	PIPE,HIGH PRESS.F	1	1						
2	1	198163-48170	PIPE R,HIGH-PRESSURE	1	1						
3	1	198163-48220	PIPE, LOW PRESSURE F	1	1						
4	1	198421-48240	HOSE,LOW-PRES.RUBBER	1	1						
5	1	198163-48280	PIPE, LOW PRESSURE R	1	1						
6	1	198167-48340	HOSE	1	1						
7	1	198220-48750	CONNECTOR ASSY	1	1						
8	1	23010-030000	CLAMP 30	2	2						
9	1	23010-030000	CLAMP 30	2	2						
10	1	23414-180023	GASKET 18	2	2						
11	1	24311-000200	O-RING 1A P-20.0	2	2						
12	1	24311-000220	O-RING 1A P-22.0	1	1						
13	1	26013-060302	BOLT M 6X 30	3	3						
14	1	26013-060452	BOLT M 6X 45	3	3						
15	1	26018-080162	BOLT M 8X 16	1	1						
16	1	26018-080202	BOLT M 8X 20	4	4						

Remarks

* FIGURE FOR POWER STEERING TYPE

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

Fig.92. DASH BORD(ADD.



(A)=KE-140
(B)=KE-160
(C)=

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

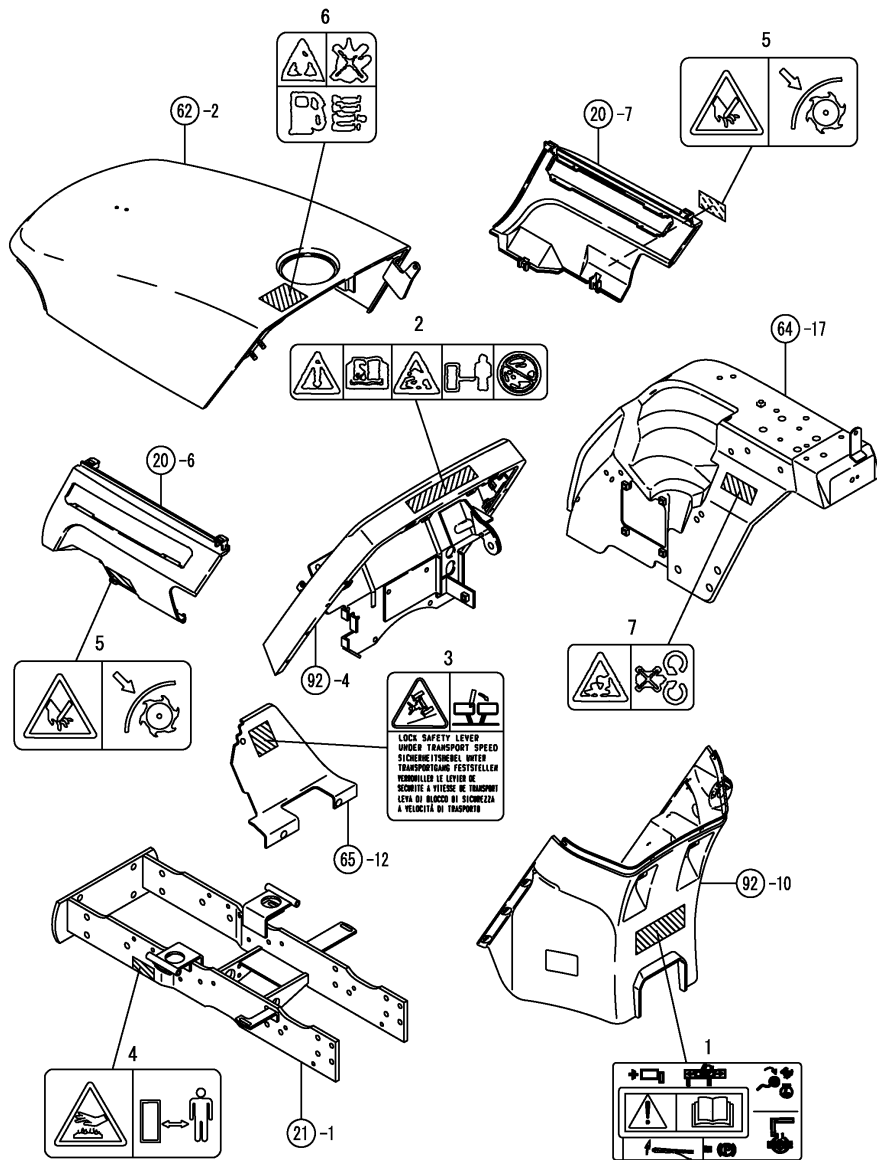
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1C6460-38240	NUT 5,PUSH	1	1						
2	1	1C6460-38240	NUT 5,PUSH	1	1						
3	1	194162-58830	GROMMET 20	1	1						
4	1	1A7740-61500	STAY,DASHBOARD(M CMP	1	1						
5	1	198162-61530	FIXTURE L,DSHBD.STAY	1	1						
6	1	198162-61540	FIXTURE R,DSHBD.STAY	1	1						
7	1	198162-61551	ROD, BONNET	1	1						
8	1	198163-61570	PLATE, AIR CUT	1	1						
9	1	198164-61580	STAY, AIR CUT PLATE	1	1						
10	1	798163-61620	DASHBOARD	1	1						
11	1	198421-61620	BOLT 6X20	8	8						
12	1	198162-61630	DASH BOAD	1	1						
13	1	198163-61640	COVER, DASH BOARD RE	1	1						
14	1	194802-62310	CAP, RUBBER	1	1						
15	1	194555-65130	CUSHION	2	2						
16	1	22117-080000	WASHER 8	1	1						
17	1	22372-080000	SNAP PIN (JASO 8)	1	1						
18	1	22417-200160	COTTER PIN 2.0X16	1	1						
19	1	26016-080202	BOLT M 8X 20	2	2						
20	1	26018-080162	BOLT M 8X 16	2	2						
21	1	26018-080202	BOLT M 8X 20	4	4						
22	1	29311-252000	GROMMET 25.0X2.0	1	1						

Remarks

* FIGURE FOR POWER STEERING TYPE

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

Fig.94. LABEL(SAFETY(ADD.



(A)=KE-140
(B)=KE-160
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-65300	LABEL,OPERATION G	1	1						
2	1	198163-65310	LABEL, SAFETY	1	1						
3	1	198163-65780	LABEL,BRAKE COUPLING	1	1						
4	1	198163-65930	CAUTION,MUFFLER	1	1						
5	1	198163-65940	CAUTION,SAFETY COVER	2	2						
6	1	1A6150-91251	LABEL,RAKE CAUTION	1	1						
7	1	1A6150-93151	LABEL,COVER	1	1						

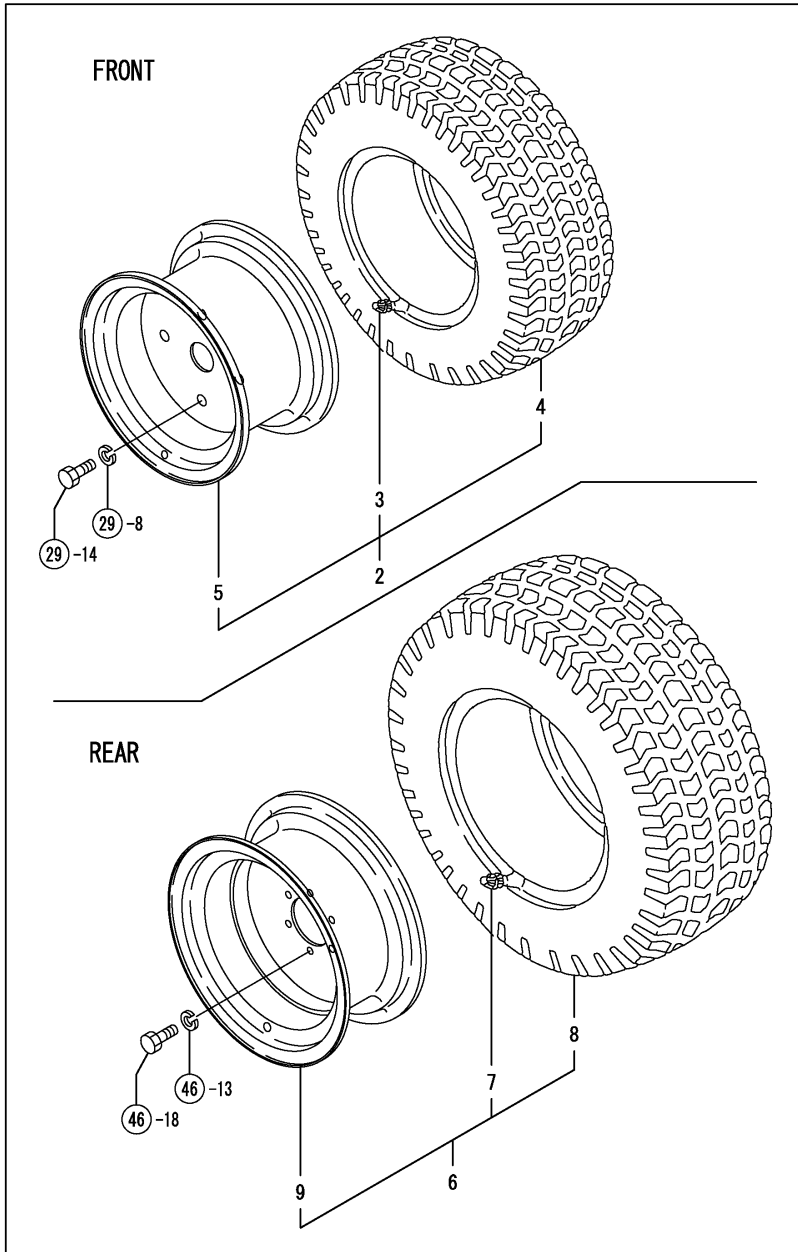
Remarks

* FIGURE FOR POWER STEERING TYPE

Fig.95. OPTION(TURF TIRE(ADD.

(A)=KE-140
(B)=KE-160
(C)=

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

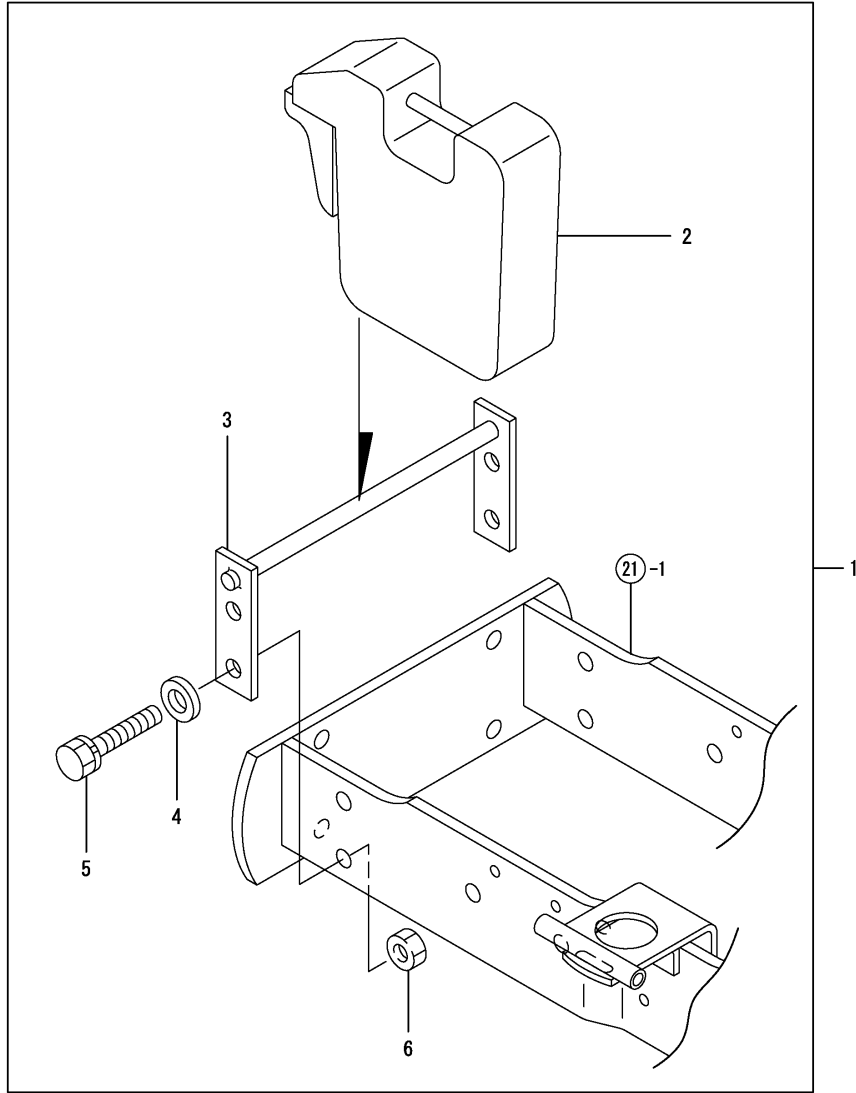


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-14700	TURF TIRE KIT	1	1						
2	2	198163-14730	TIRE,FRONT(TURF KIT	2	2						
3	3	194136-12880	VALVE TR413	2	2						
4	3	198163-14740	TURF TIRE 20*8.00	2	2						
5	3	198163-14750	DISC 6.00I-10	2	2						
6	2	198163-34300	TIRE,REAR(TURF KIT	2	2						
7	3	194136-12880	VALVE TR413	2	2						
8	3	198163-34310	TURF TIRE 212/80	2	2						
9	3	198163-34320	WHEEL 7JAX15	2	2						

Fig.96. OPTION(WEIGHT(ADD.

(A)=KE-140
(B)=KE-160
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	198163-81150	WEIGHT KIT, FRONT	1	1						
2	2	1TS100-01000	FRONT WEIGHT 20	1	1						
3	2	198163-81160	STOPPER ASSY, WEIGHT	1	1						
4	2	22137-120000	WASHER 12,POLISHED	4	4						
5	2	26013-120302	BOLT W/WASHER M12X30	4	4						
6	2	26716-120002	NUT 12	4	4						