

OCR10-M09108EN

Introduction

1. This is the parts catalog for 2QM15 Diesel engine.
(Parts catalog No. 000Y00R0918)
2. This parts catalog does not contain the technical data needed for maintenance service.
3. The illustrations used in this parts catalog have been simplified for clarity.
4. The contents of this parts catalog are subject to change without notice.
5. Be sure to use only Yanmar genuine part for repairs. If imitation parts are used, it may cause engine defects.

Directions for the Parts Catalog.

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

OCF10-G21601		29. FUEL INJECTION PUMP(W/BOOST)									
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1			1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N	1
		(A=E00185) (B=E00200)									
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9			
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4		K	
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)									
4	2	129470-51040	CAMSHAFT	1	1	1	1	1			
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2			
6	2	129470-51060	RETAINER	1	1	1	1	1			

Remarks

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

① Ref. No.

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

(Ex.) Illustration No.

List Ref No.

1

1

(Before change)

1-1

(After change)

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

② Lev. (Level)

Level indication

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

1 ---- Main parts (Assembly parts)

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

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

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

③ Interchangeability Mark

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

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

④ Effective Machine No.

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

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

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

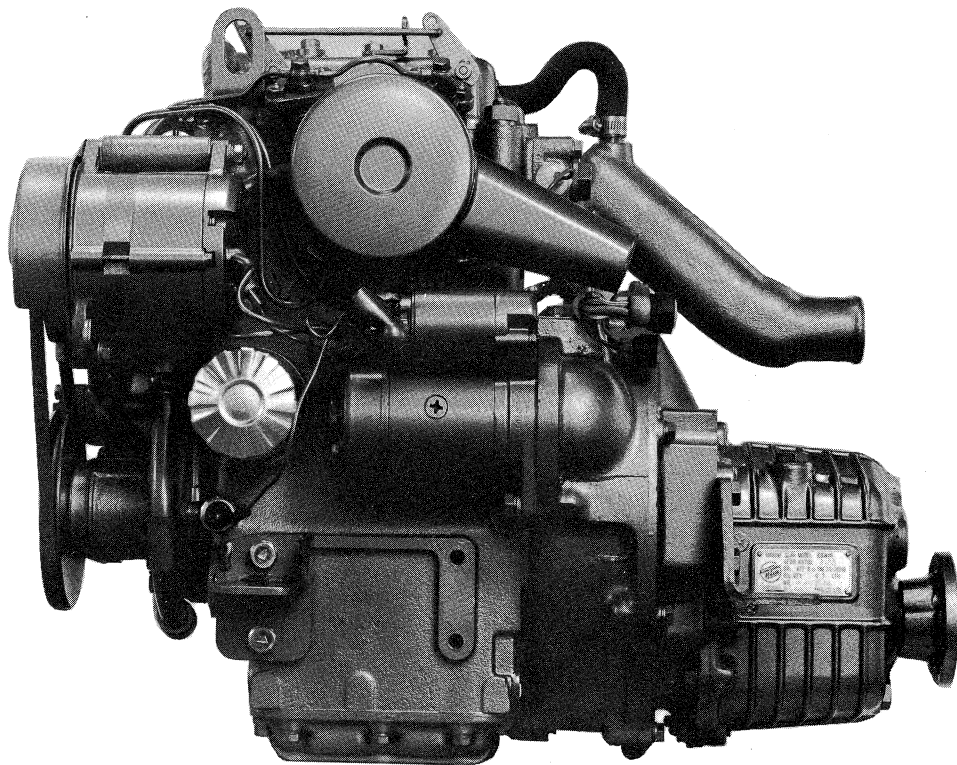
Note 2) "XXXXX" and "ZZZZZ" are for parts that could not be predicted or for engine models that could not be identified.

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

⑤ Remarks Mark

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

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



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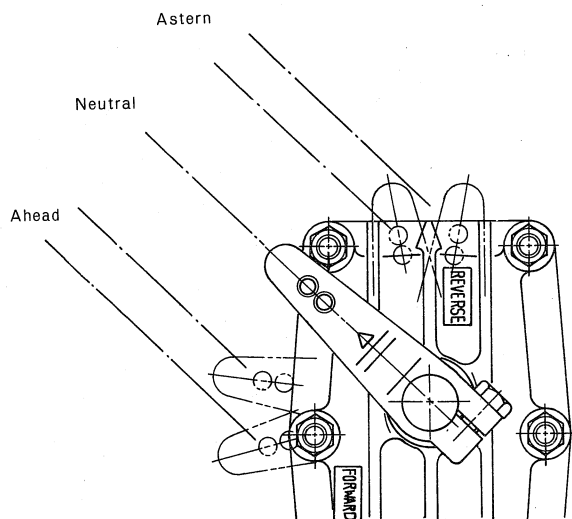
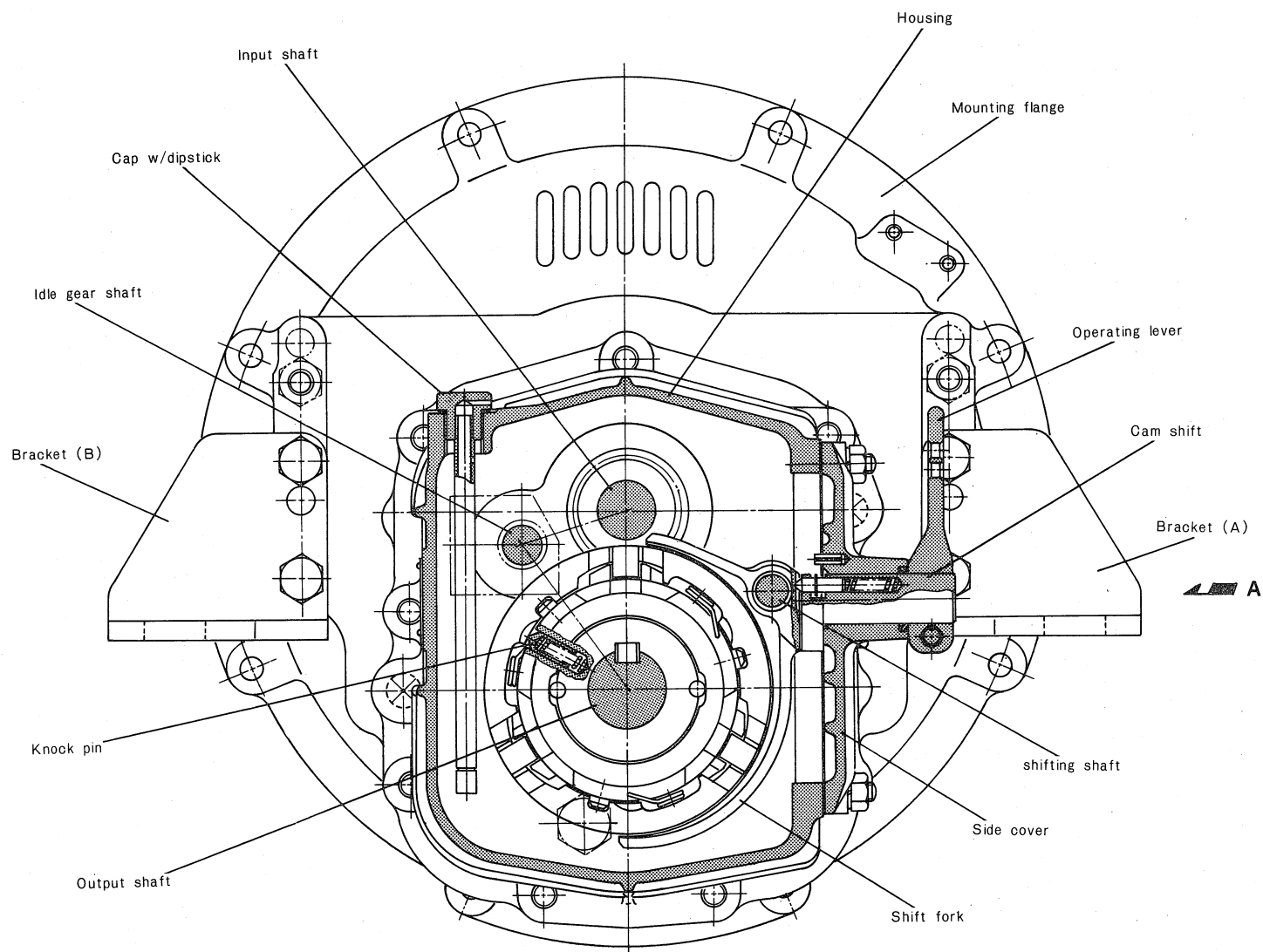
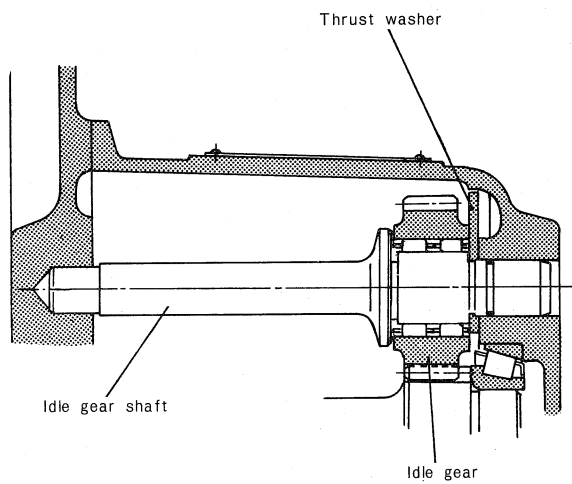
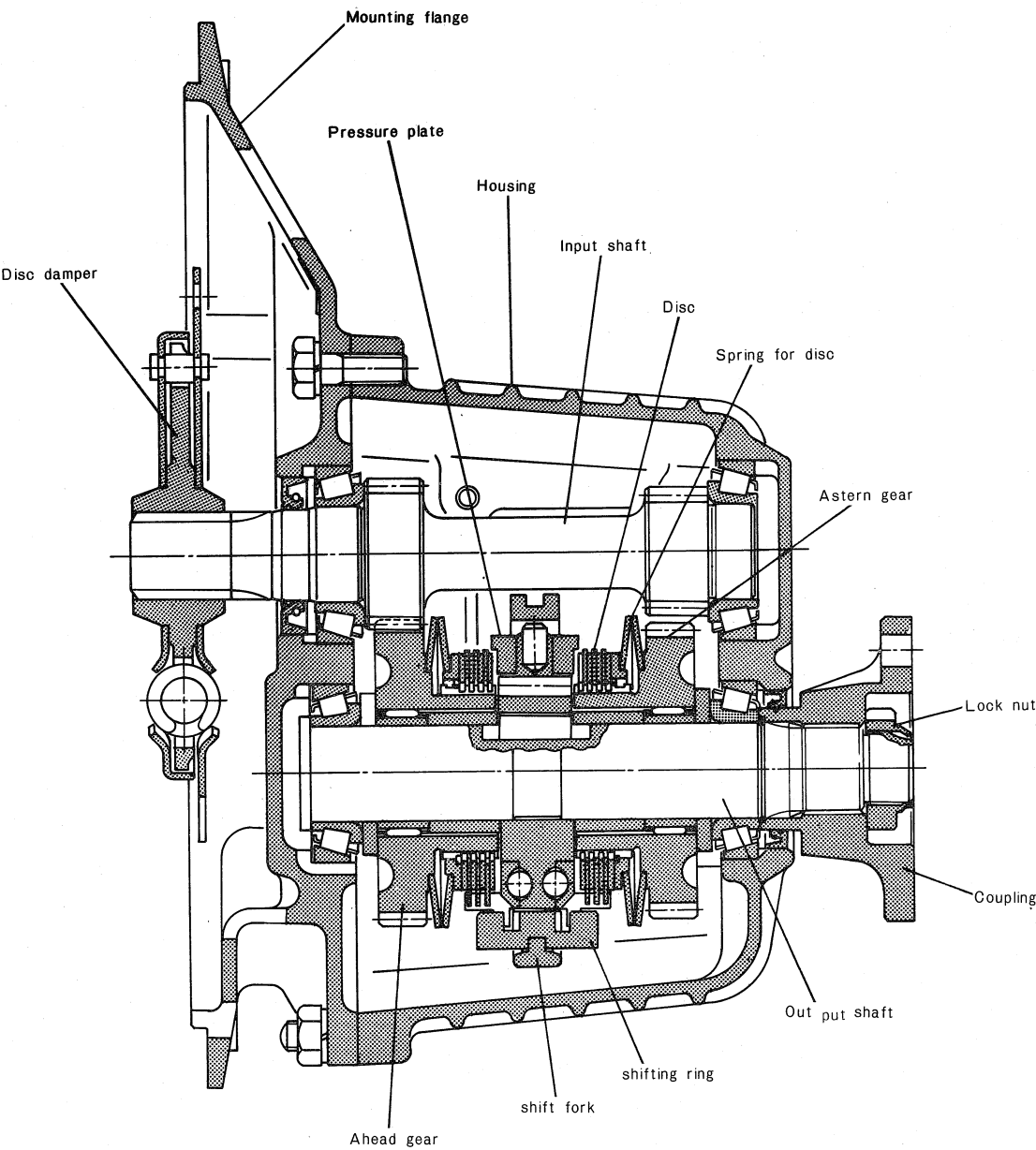
Second Revised: August, 1980

MODEL 2QM15

August, 1980

Pub. No. 2K016A0183

CLUTCH SECTIONAL VIEW



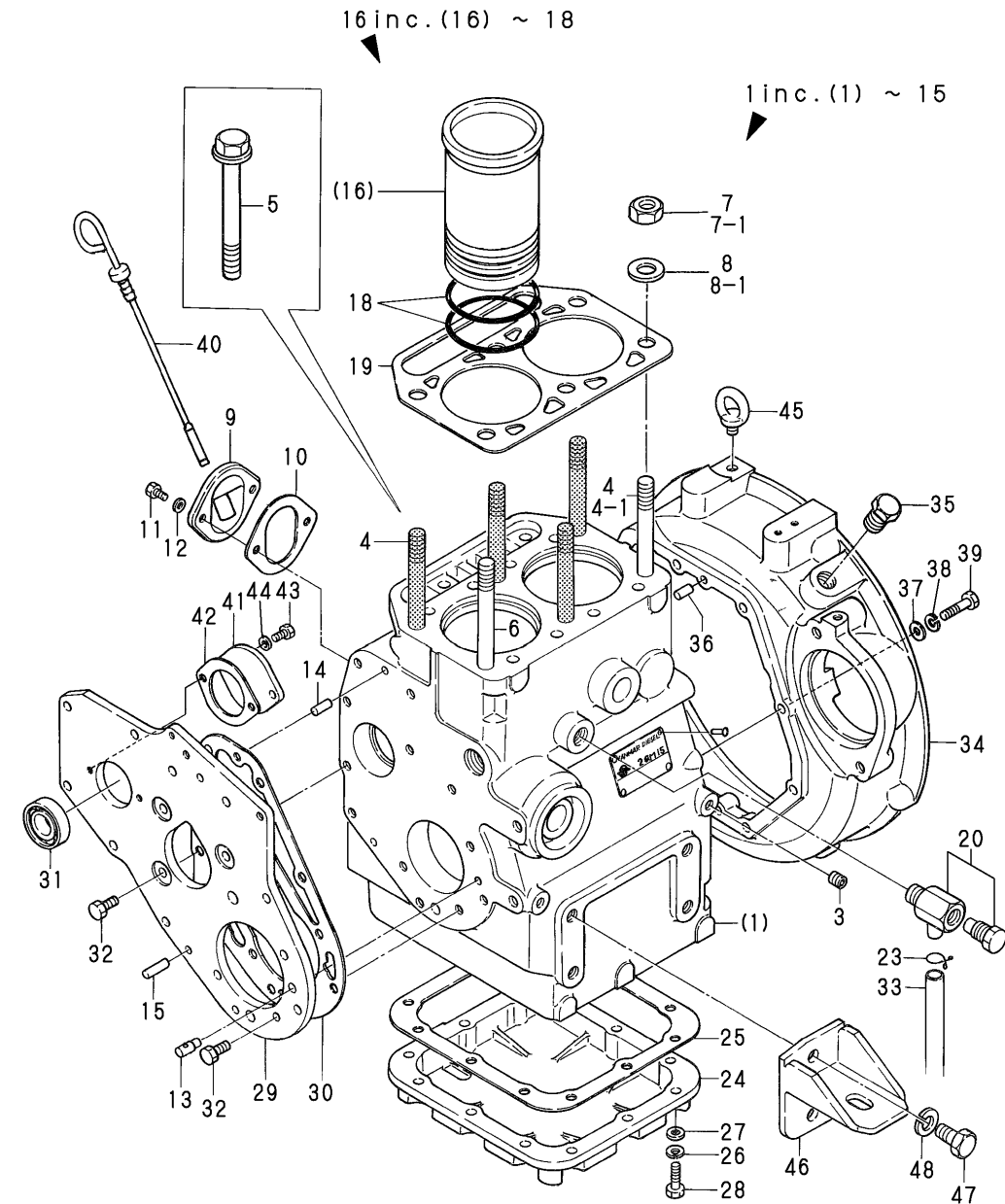
VIEW "A"

Contents

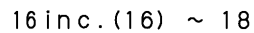
Fig. No.	Fig. Name
2QM15	
1.	CYLINDER BLOCK
2.	GEAR HOUSING
3.	CYLINDER HEAD
4.	SILENCER & EXHAUST MANIFOLD
5.	CAMSHAFT
6.	MAIN METAL & CRANKSHAFT
7.	PISTON & CONNECTING ROD
8.	LUB.OIL SYSTEM
9.	C.W.PUMP & BILGE PUMP(OPTIONAL)
10.	COOLING WATER SYSTEM
11.	FUEL INJECTION PUMP
12.	FUEL INJECTION VALVE
13.	FUEL SYSTEM
14.	GOVERNOR
15.	REMOTE-CONTLROL DEVICE(OPTIONAL)
16.	STARTING MOTOR & GENERATOR
17.	INSTRUMENT PANEL
18.	CLUTCH HOUSING
19.	INPUT SHAFT
20.	OUTPUT SHAFT
21.	TOOL
22.	SPECIAL TOOL (A)(OPTIONAL)
23.	SPECIAL TOOL (B)(OPTIONAL)
24.	STARTING MOTOR COMPONENT PART

Fig. No.	Fig. Name
25.	GENERATOR COMPONENT PART
26.	GENERATOR COMPONENT PART(OPTIONAL)
27.	PACKING KIT(OPTIONAL)
28.	SPAIR PART KIT

Fig.1. CYLINDER BLOCK



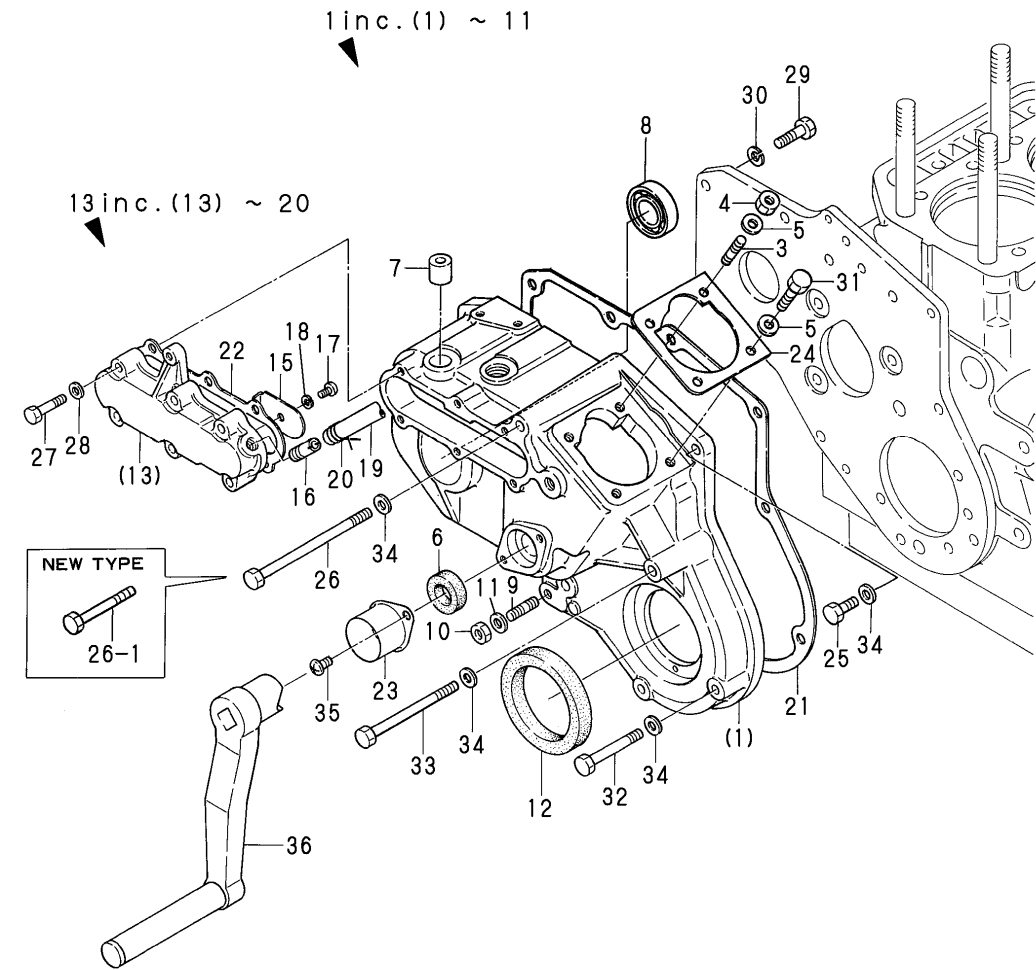
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724070-01560	BLOCK ASSY, CYLINDER	1							
3	2	124060-01050	PLUG, PT1/8	6							
4	2	124060-01200	BOLT, HEAD	5							
4-1	2	124060-01200	BOLT, HEAD	1							K
(A=*1979.11)											
5	2	124060-01201	BOLT, HEAD	4							W
(A=*1979.11)											
6	2	124160-01210	BOLT, HEAD	1							
7	2	104300-01220	NUT, CYLINDER HEAD	6							
7-1	2	104300-01220	NUT, CYLINDER HEAD	2							K
(A=*1979.11)											
8	2	103338-01240	WASHER	6							
8-1	2	103338-01240	WASHER	2							K
(A=*1979.11)											
9	2	124070-34830	BRACKET	1							
10	2	124060-34841	GASKET	1							
10-1	2	124060-34842	GASKET	1							N
(A=EXXX)											
11	2	26116-060122	BOLT, M6X 12 PLATED	2							
12	2	22117-060000	WASHER, 6	2							
13	2	124060-01540	PIECE	1							
14	2	22312-080160	PIN, PARALLEL M8X16	1							
15	2	22312-080250	PIN, PARALLEL M8X25	1							
16	1	724070-01900	LINER ASSY, CYLINDER	2							
18	2	124060-01300	GASKET, LINER	4							
19	1	124060-01330	GASKET, HEAD	1							
20	1	43600-500290	COCK 1/4	1							
23	1	124450-44560	RETAINER	1							
24	1	124070-01720	SUMP, OIL	1							
25	1	124060-01741	GASKET	1							
25-1	1	124060-01742	GASKET	1							R
(A=EXXX)											
26	1	189040-01860	SPRING WASHER 8	12							
27	1	22113-080000	WASHER, 8	12							
28	1	26113-080252	BOLT 8X 25	12							
29	1	124070-01550	FLANGE, GEAR CASE	1							
30	1	124070-01560	GASKET	1							
31	1	24101-060044	BEARING, BALL 6004	1							
32	1	26116-080182	BOLT, M8X 18 PLATED	8							
33	1	23061-070300	PIPE, 7X 300	1							
34	1	124070-01600	FLANGE, MOUNTING	1							
35	1	23883-180002	PLUG, 18	1							
36	1	22312-080160	PIN, PARALLEL M8X16	2							
37	1	22117-080000	WASHER, 8	8							
38	1	22217-080000	WASHER, SPRING 8	8							
39	1	26116-080302	BOLT, M8X 30 PLATED	8							
40	1	124070-34800	DIPSTICK, OIL	1							
41	1	124070-01400	COVER	1							
42	1	124060-34841	GASKET	1							
42-1	1	124060-34842	GASKET	1							N
(A=EXXX)											



1inc.(1) ~ 15

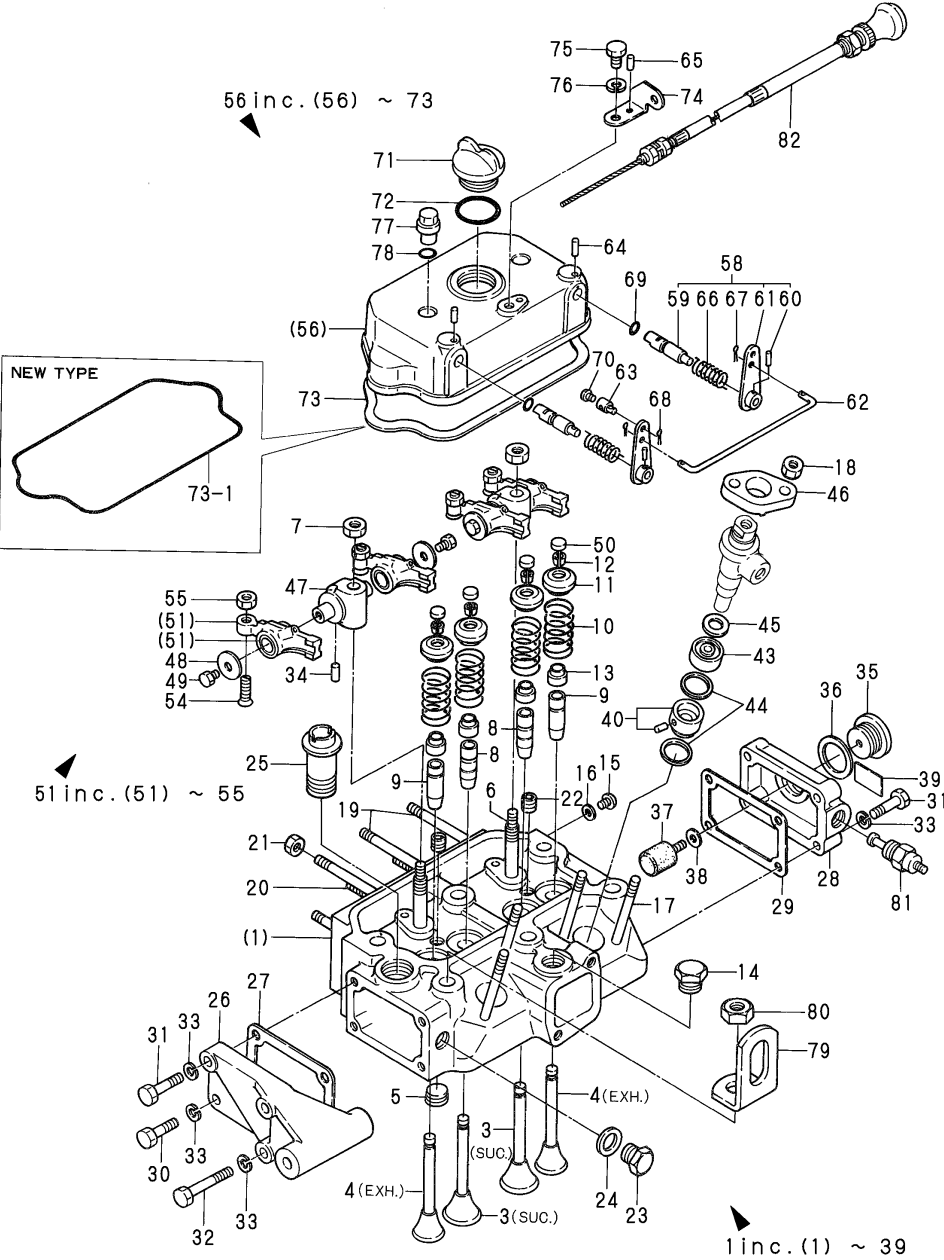
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
43	1	26116-060142	BOLT, M6X 14 PLATED	2					
44	1	43400-500400	SEAL WASHER 6	2					
45	1	26610-100002	EYEBOLT	1					
46	1	124070-081110	FOOT	2					
47	1	26116-120302	BOLT, M12X 30 PLATED	4					
48	1	22217-120000	WASHER, SPRING 12	4					

Fig.2. GEAR HOUSING



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724070-01610	CASE ASSY, GEAR	1							
3	2	26226-080222	STUD, M8X 22	2							
4	2	26716-080002	NUT, M8	2							
5	2	43400-500410	SEAL WASHER 8S	4							
6	2	145410-46960	SEAL TC17 30 8, OIL	1							
7	2	124060-01900	BUSH	1							
8	2	24101-060044	BEARING, BALL 6004	1							
9	2	26226-080352	STUD, M8X 35	2							
10	2	26716-080002	NUT, M8	2							
11	2	22137-080000	WASHER, 8	2							
12	1	124450-01800	SEAL, HTC588012	1							
13	1	724070-01620	COVER ASSY	1							
15	2	124070-03080	PLATE, SHELTER	1							
16	2	124770-11770	JOINT, PIPE PT1/8	1							
17	2	26557-050102	SCREW, M5X10	1							
18	2	22217-050000	WASHER, SPRING 5	1							
19	2	124070-03100	PIPE , BREATHER	1							
20	2	124060-59101	SPRING, PROTECTE	1							
21	1	124070-01510	GASKET, GEAR CASE	1							
22	1	124070-01530	GASKET, GEAR CASE	1							
23	1	124070-01850	COVER	1							
24	1	124550-51950	SHIM SET, ADJUSTING	1							
25	1	26116-080182	BOLT, M8X 18 PLATED	1							
26	1	26116-081152	BOLT, M8X115 PLATED	1							
26-1	1	26116-080552	BOLT, M8X 55 PLATED	1							S
(A=E/#84371)											
27	1	26116-060302	BOLT, M6X 30 PLATED	6							
28	1	22117-060000	WASHER, 6	6							
29	1	26116-080252	BOLT, M8X 25 PLATED	4							
30	1	22217-080000	WASHER, SPRING 8	4							
31	1	26116-080252	BOLT, M8X 25 PLATED	2							
32	1	26116-080552	BOLT, M8X 55 PLATED	3							
33	1	26116-080902	BOLT, M8X 90 PLATED	1							
34	1	22117-080000	WASHER, 8	6							
35	1	26557-060102	SCREW, M6X10	2							
36	1	124070-76790	HANDLE, STARTING	1							

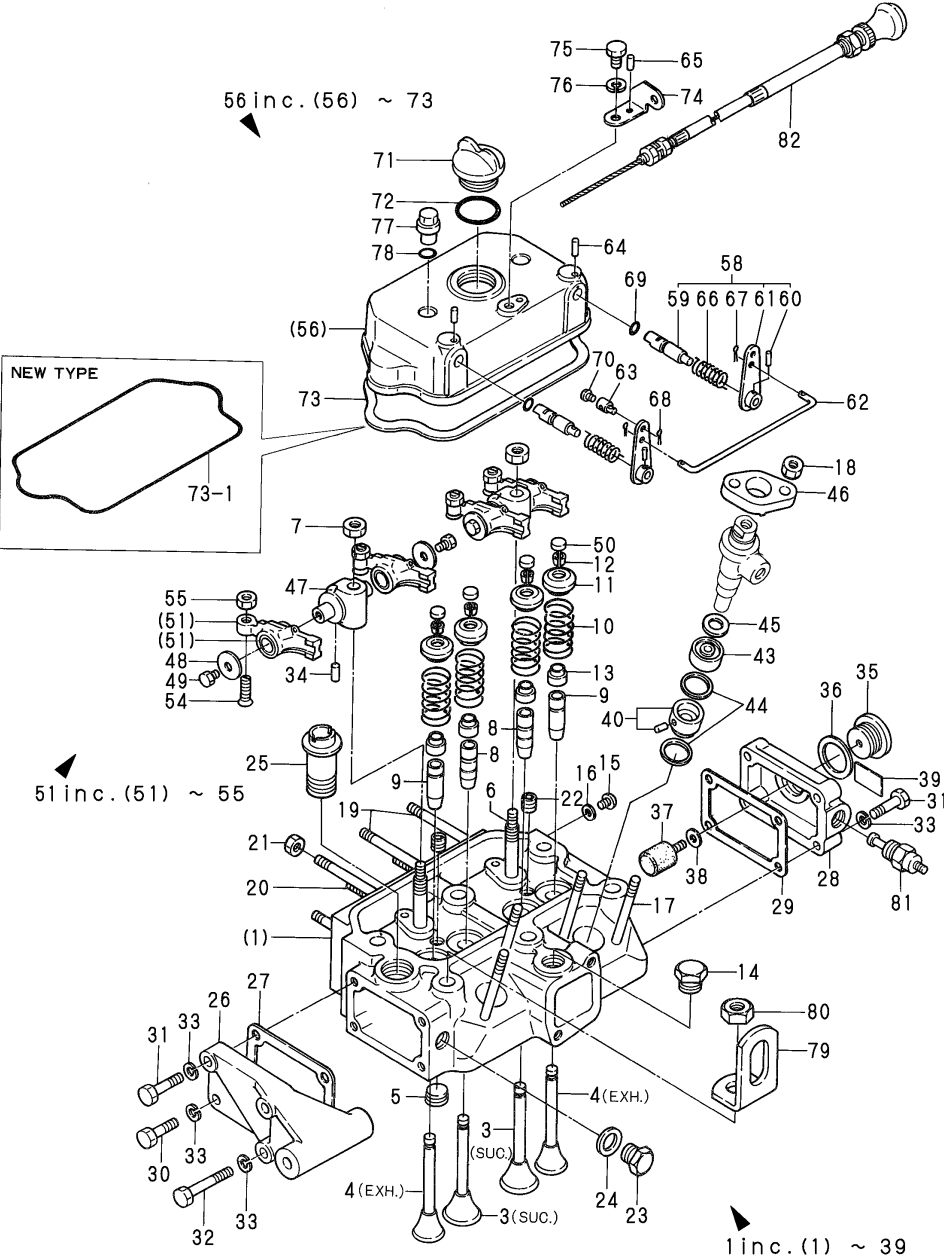
Fig.3. CYLINDER HEAD



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724070-11700	HEAD ASSY, CYLINDER	1							
3	2	104200-11100	VALVE, INTAKE	2							
4	2	104200-11110	VALVE, EXHAUST	2							
5	2	23873-040000	PLUG, R04	3							
6	2	104200-11350	BOLT	2							
7	2	26736-100002	NUT, M10	2							
8	2	124060-11160	GUIDE, VALVE	2							
9	2	124060-11170	GUIDE, VALVE	4							
10	2	124060-11120	SPRING, VALVE	4							
11	2	104200-11180	RETAINER, SPRING	4							
12	2	101158-11190	COTTER	4							
12-1	2	27310-070001	COTTER, 7	4							R
(A=E/XXXXX)											
13	2	124160-11340	SEAL, VALVE STEM	4							
14	2	124450-11320	PLUG	1							
15	2	26587-080102	SCREW, M8X10	1							
16	2	23414-080000	GASKET, 8X1.0	1							
17	2	26216-080702	STUD, M8X 70	4							
18	2	26716-080002	NUT, M8	4							
19	2	26213-081002	STUD, M8X100	4							
20	2	26213-081052	STUD M 8X105	2							
21	2	26713-080002	NUT, M8	6							
22	2	23873-020000	PLUG, R02	2							
23	2	23883-160002	PLUG, 16	1							
24	2	23414-160000	GASKET, 16X1.0	1							
25	2	121370-11750	JOINT, PIPE	1							
26	2	124070-11650	COVER, CYLINDER HEAD	1							
27	2	124060-77170	GASKET	1							
28	2	124070-11670	COVER, CYLINDER HEAD	1							
29	2	124450-11681	GASKET	1							
30	2	26116-080202	BOLT, M8X 20 PLATED	1							
31	2	26116-080302	BOLT, M8X 30 PLATED	5							
32	2	26116-080402	BOLT, M8X 40 PLATED	2							
33	2	22217-080000	WASHER, SPRING 8	8							
34	2	124060-11280	PIN	2							
35	2	124220-09320	PLUG	1							
36	2	23414-250000	GASKET, 25X1.0	1							
37	2	27210-200300	ZINC, SCREW20X30	1							
38	2	123210-09310	GASKET	1							
39	2	124224-09340	LABEL	1							
40	1	124070-11420	CHAMBER	2							
40-1	1	124070-11400	CHAMBER, FRONT	2							N
(A=E/#87104)											
43	1	124070-11410	CHAMBER	2							
44	1	101204-11450	GASKET, CHAMBER	4							
44-1	1	101204-11452	GASKET, CHAMBER	4							N
(A=E/XXXX)											
45	1	103854-11490	INSULATOR	2							
46	1	101147-11900	RETAINER	2							
47	1	124060-11260	SUPPORT, ROCKER ARM	2							
48	1	114060-11290	WASHER	4							

Remarks
(1)OPTIONAL

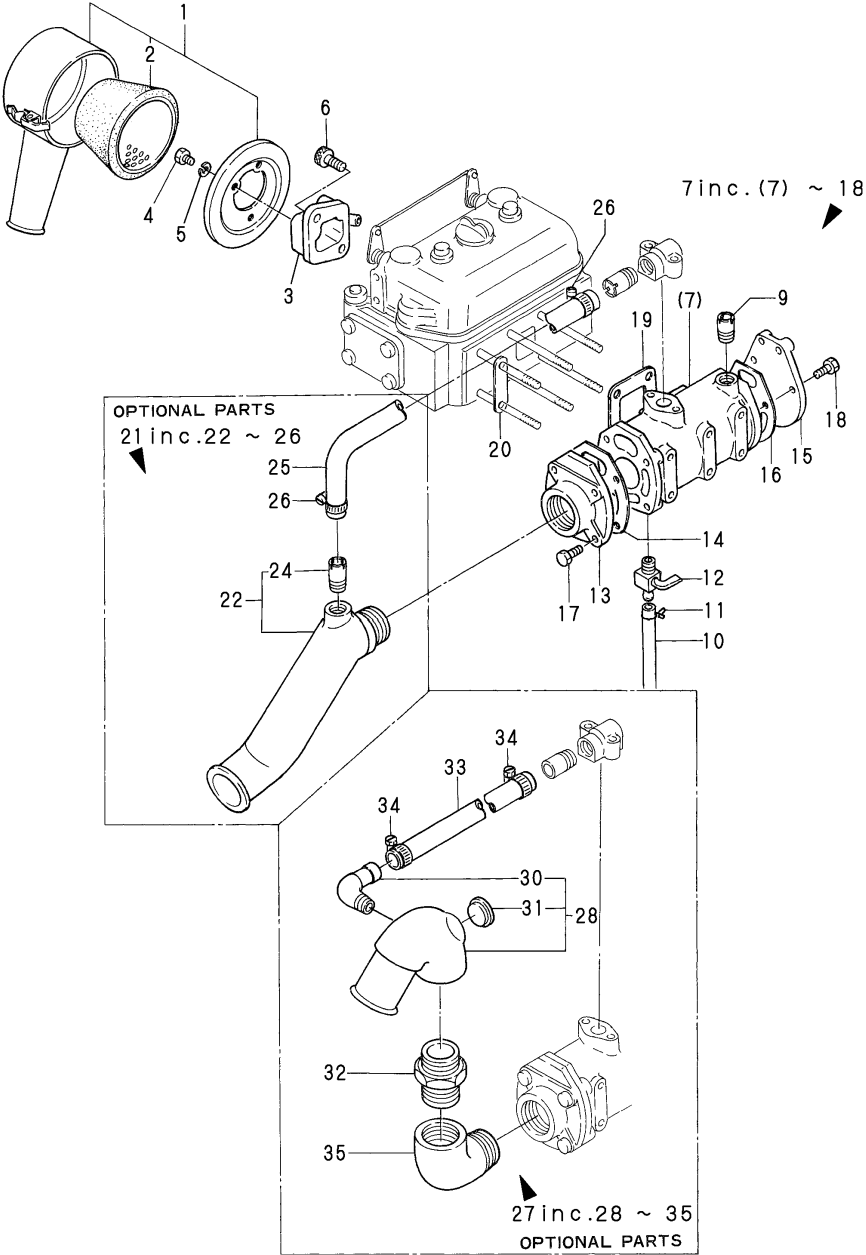
Fig.3. CYLINDER HEAD



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
49	1	26116-060082	BOLT, M6X 8 PLATED	4							
50	1	104211-11370	CAP, VALVE	4							
51	1	724060-11650	ARM ASSY, ROCKER	4							
54	2	101158-11230	SCREW, VALVE ADJUST	4							
55	2	26756-080002	NUT, LOCK M8	4							
56	1	724070-11520	BONNET ASSY, HEAD	1							
58	2	724070-03600	SHAFT ASSY	1							
59	3	104200-03600	SHAFT, DECOMPRESSION	2							
60	3	22322-030160	PIN, TAPER 3X16	2							
61	3	124070-03750	LEVER, DECOMPRESSION	2							
62	2	124060-03760	CONNECTOR	1							
63	2	124070-03770	JOINT	1							
64	2	22312-030180	PIN, PARALLEL M3X18	2							
65	2	22312-040100	PARALLEL PIN 4X10	1							
66	2	104200-03641	SPRING, DECOMPRESSION	2							
67	2	22417-200200	PIN, COTTER 2.0X20	2							
68	2	22417-200200	PIN, COTTER 2.0X20	1							
69	2	24311-000070	O-RING, 1AP7.0	2							
70	2	26557-040082	SCREW, M4X 8	1							
71	2	124160-01750	COVER	1							
72	2	24321-000350	O-RING, 1AG35.0	1							
73	2	124060-11310	GASKET, BONNET	1							
73-1	2	124060-11311	GASKET, BONNET	1							S
(A=EXXX)											
74	1	124070-03720	BRACKET	1							
75	1	26116-080142	BOLT 8X14	1							
76	1	22217-080000	WASHER, SPRING 8	1							
77	1	124160-11360	KNOB	2							
78	1	24311-000120	O-RING, 1AP12.0	2							
79	1	124070-07230	LIFTER	1							
80	1	104300-01220	NUT, CYLINDER HEAD	1							
81	1	46150-004530	SEE 46150-004531	1							
81-1	1	46150-004531	SENDER	1							N
(A=E/#87678)											
82	1	104214-03700	CABLE	1							1

Remarks
(1)OPTIONAL

Fig.4. SILENCER & EXHAUST MANIFOLD



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124770-12500	SILENCER	1							
2	2	124770-12540	ELEMENT	1							
3	1	124070-12700	BRACKET, SILENCER	1							
4	1	26116-060142	BOLT, M6X 14 PLATED	3							
5	1	22217-060000	WASHER, SPRING 6	3							
6	1	26450-080182	BOLT, M8X 18	2							
7	1	724070-13500	MANIFOLD ASSY	1							
9	2	124223-49300	JOINT, PIPE	1							
10	2	23061-100500	PIPE, 10X 500	1							
11	2	124223-49750	CLIP, HOSE 13	1							
12	2	104200-11920	COCK, WATER	1							
13	2	124770-13150	FLANGE	1							
14	2	124770-13170	GASKET	1							
15	2	124772-13160	COVER	1							
16	2	124770-13180	GASKET	1							
17	2	26113-080282	BOLT M 8X 28 PLATED	4							
18	2	26116-080222	BOLT, M8X 22 PLATED	4							
19	1	124450-11900	GASKET	1							
20	1	124770-13130	GASKET, MUFFLER	1							
21	1	724070-13200	ELBOW ASSY	1							1
22	2	124070-13500	ELBOW ASSY	1							1
24	3	124770-13690	JOINT, PIPE	1							1
25	2	124770-49040	PIPE, WATER	1							1
26	2	23000-025000	CLAMP, 25	2							1
27	1	724070-13300	ELBOW ASSY	1							1
28	2	124070-13520	ELBOW	1							1
30	3	124070-13300	ELBOW, PT3/8	1							1
31	3	27233-250000	PLUG, 25	1							1
32	2	104214-13580	JOINT	1							1
33	2	104564-49210	PIPE, WATER	1							1
34	2	23000-025000	CLAMP, 25	2							1
35	2	23112-140000	ELBOW, R1+1/2	1							1

Remarks
(1)OPTIONAL

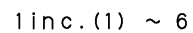
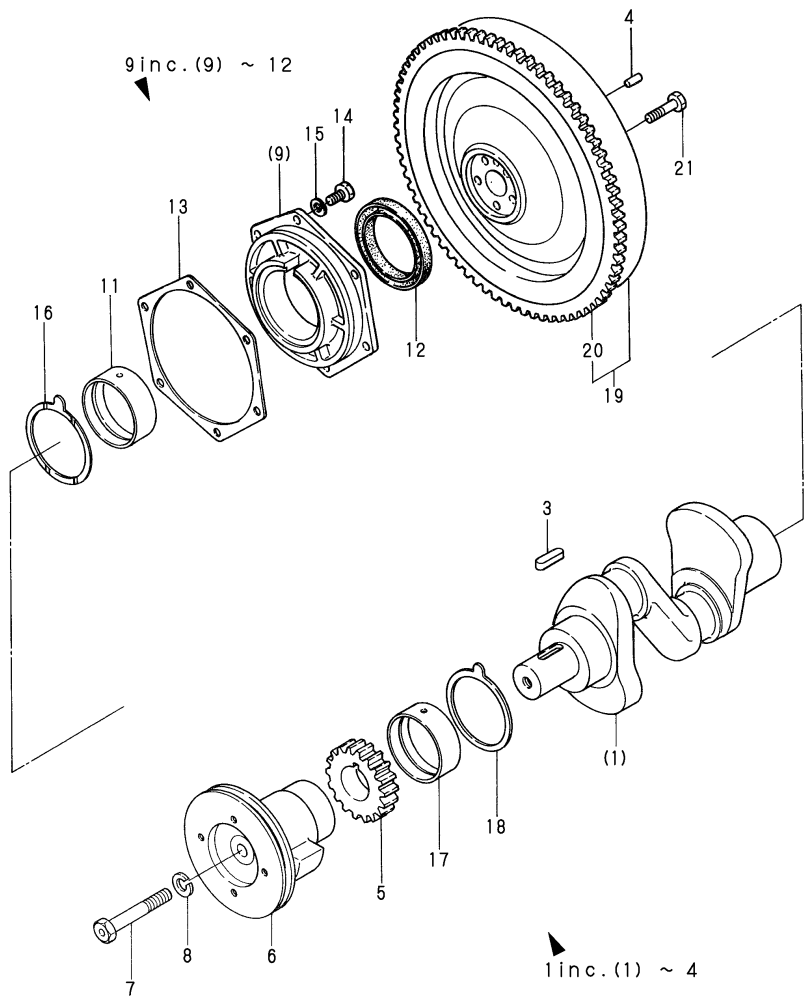
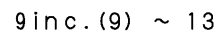
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Fig.6. MAIN METAL & CRANKSHAFT



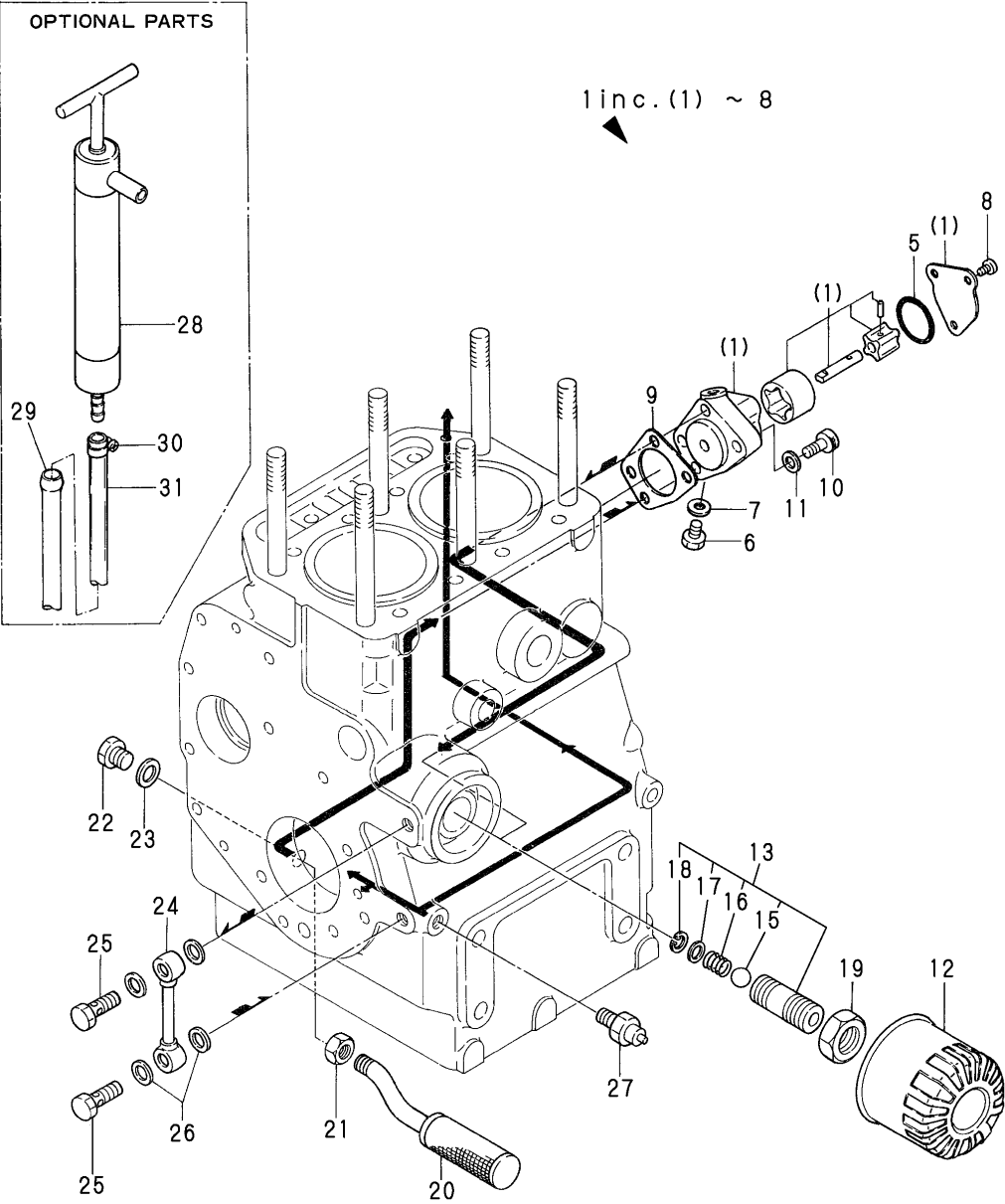
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724060-21700	CRANKSHAFT ASSY	1							
3	2	22512-070300	KEY, 7X 30	1							
4	2	22312-080160	PIN, PARALLEL M8X16	1							
5	1	124060-21200	GEAR, CRANKSHAFT	1							
6	1	124070-21650	V-PULLEY	1							
7	1	124070-21950	BOLT	1							
8	1	22217-120000	WASHER, SPRING 12	1							
9	1	724060-02500	HOUSING ASSY, METAL	1							
11	2	124060-02101	BEARING, MAIN	1							
12	2	124060-02220	SEAL, OIL	1							
13	1	124060-02020	GASKET	1							
14	1	26116-080222	BOLT, M8X 22 PLATED	6							
15	1	22217-080000	WASHER, SPRING 8	6							
16	1	124060-02110	BEARING, THRUST	1							
17	1	124060-02101	BEARING, MAIN	1							
18	1	124060-02110	BEARING, THRUST	1							
19	1	124070-21590	FLYWHEEL ASSY	1							
20	2	104211-21600	GEAR, RING	1							
21	1	124160-21500	BOLT	5							



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

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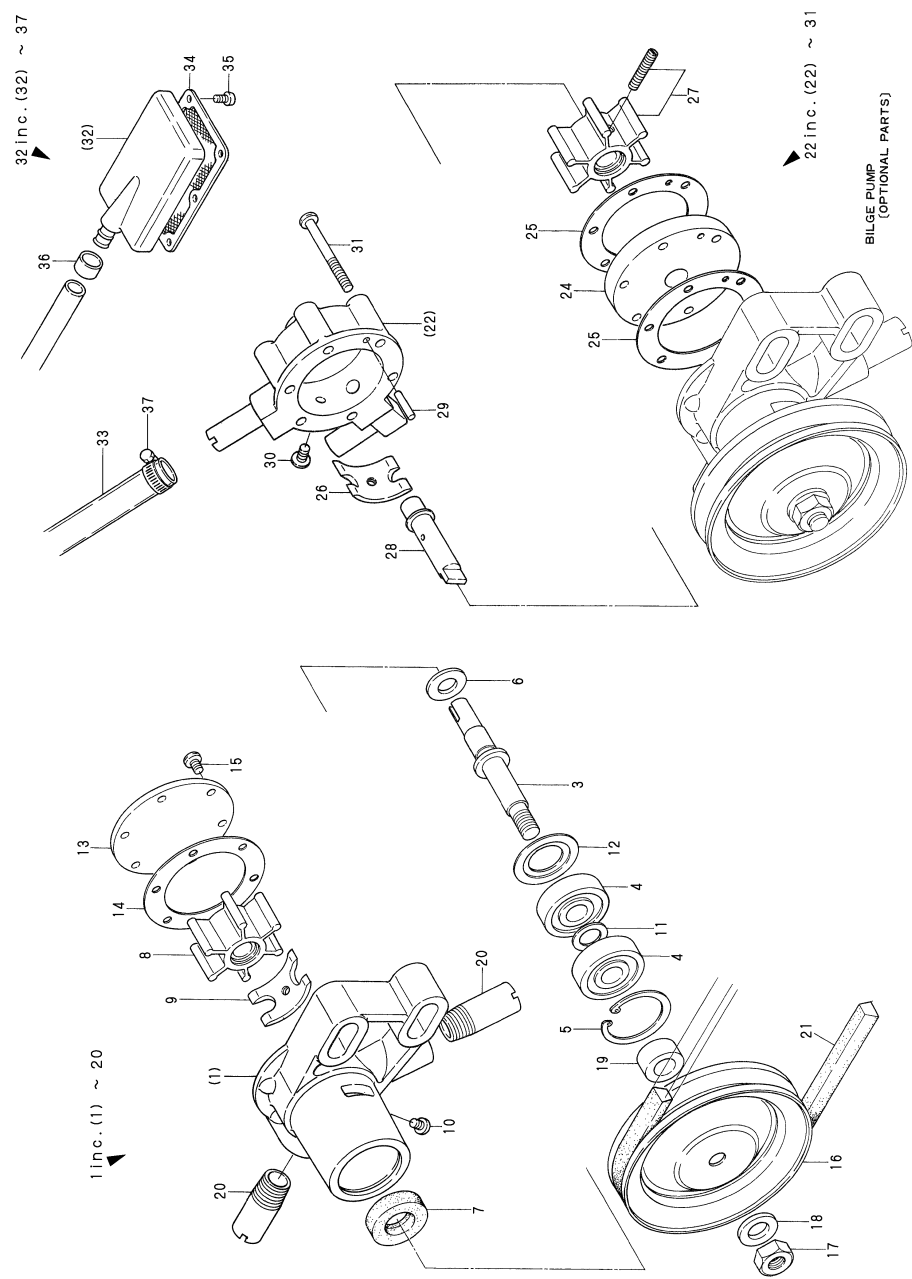
Fig.8. LUB.OIL SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724070-32700	PUMP ASSY, OIL	1							
5	2	103338-32570	O-RING	1							
6	2	124060-32990	PLUG	2							
7	2	23414-080000	GASKET, 8X1.0	2							
8	2	26116-060142	BOLT, M6X 14 PLATED	3							
9	1	124060-32091	GASKET	1							
9-1	1	124060-32092	GASKET, PUMP	1							N
(A=EXXX)											
10	1	26450-080252	BOLT, M8X 25	2							
11	1	124060-32130	WASHER	2							
12	1	124450-35100	FILTER, OIL	1							
13	1	124450-35301	VALVE ASSY, CONTROL	1							
15	2	24190-100001	BALL, STEEL 5/16	1							
16	2	124450-35320	SPRING, VALVE	1							
17	2	124450-35330	RETAINER	1							
18	2	22252-000100	RING, 10	1							
19	1	124450-35350	NUT, LOCK	1							
20	1	124772-35060	PIPE, OIL INLET	1							
21	1	124450-35070	NUT, PF1/4	1							
22	1	23893-020002	PLUG, G1/4	1							
22-1	1	121450-01960	PLUG, PF1/4	1							N
(A=EXXX)											
23	1	23414-120000	GASKET, 12X1.0	1							
24	1	124060-39200	PIPE, OIL	1							
25	1	124450-39140	BOLT, PIPE JOINT	2							
26	1	23414-120000	GASKET, 12X1.0	4							
27	1	124060-39451	SWITCH, 0.2KG	1							
28	1	104264-39700	PUMP ASSY, WASTE	1							1
29	1	104264-39710	PIPE	1							1
30	1	23010-012000	CLAMP, 12	1							1
31	1	23061-081000	PIPE, 8X1000	1							1

Remarks
(1)OPTIONAL

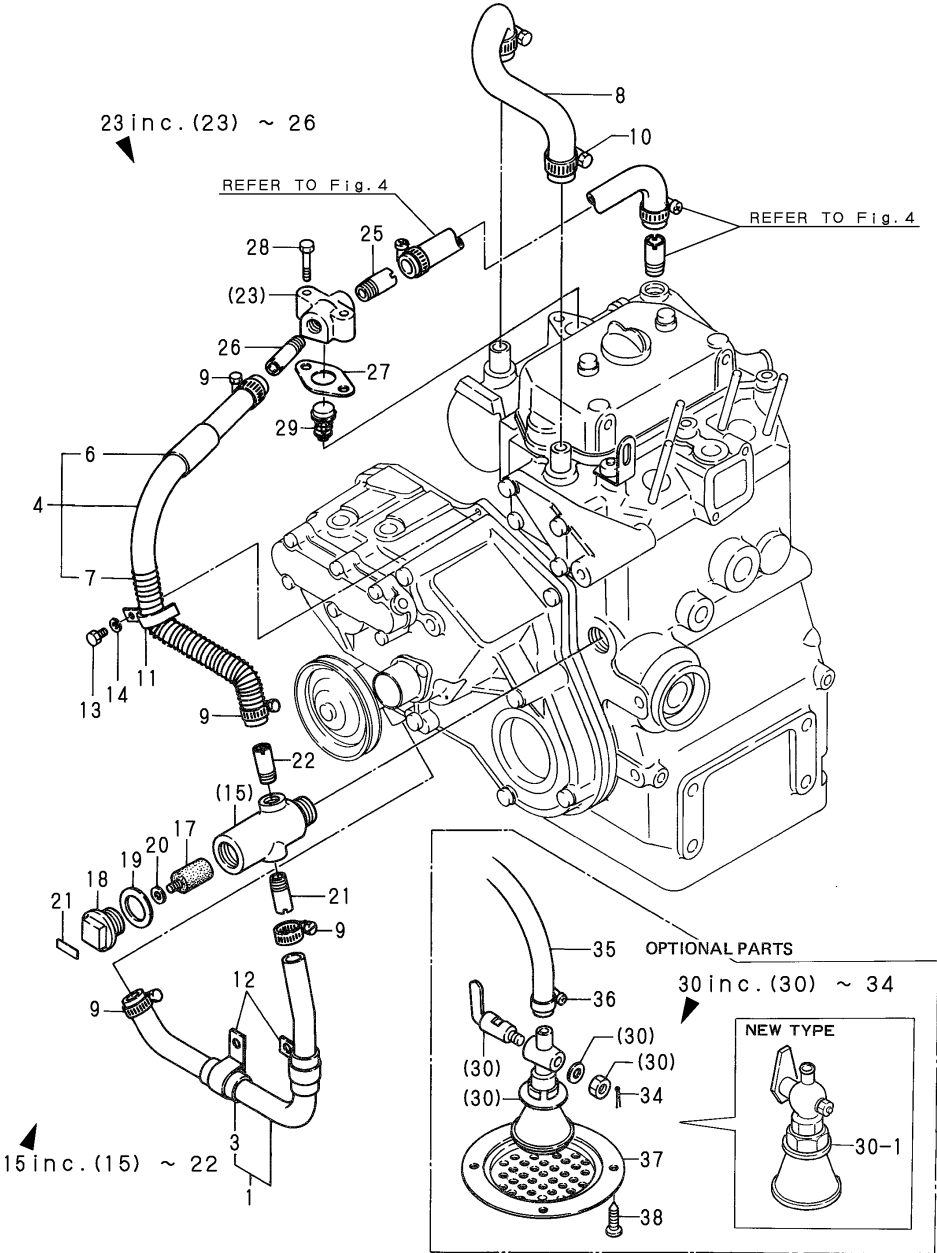
Fig.9. C.W.PUMP & BILGE PUMP(OPTIONAL)



Remarks
(1)OPTIONAL

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124070-42000	PUMP ASSY, WATER	1							
3	2	124070-42060	SHAFT, IMPELLER	1							
4	2	24107-062004	BEARING, BALL 6200ZZ	2							
5	2	22252-000300	RING, 30	1							
6	2	104211-42110	PLATE	1							
7	2	104211-42100	SEAL, TC10X25X7	1							
8	2	104211-42070	IMPELLER	1							
9	2	104211-42050	CAM	1							
10	2	26554-040062	SCREW, M4X 6	1							
11	2	104211-42130	PIECE, DISTANCE	1							
12	2	104211-42120	COVER, BEARING	1							
13	2	104211-42080	COVER	1							
14	2	104211-42090	GASKET	1							
15	2	26554-040082	SCREW, M4X 8	6							
16	2	124070-42400	V-PULLEY	1							
17	2	26347-080002	NUT, M8	1							
18	2	124070-42420	WASHER	1							
19	2	124070-42410	COLLAR	1							
20	2	104211-49060	JOINT	2							
20-1	2	104271-49060	JOINT, PIPE	2							N
(A=*1980.01)											
21	1	104514-77350	V-BELT, HM23	1							
22	1	104214-46000	PUMP ASSY, BILGE	1							1
24	2	124070-46820	PLATE	1							1
25	2	104211-42090	GASKET	2							1
26	2	104211-42050	CAM	1							1
27	2	104214-46830	IMPELLER	1							1
28	2	104214-46840	SHAFT	1							1
29	2	22312-030140	PIN, PARALLEL M3X14	1							1
30	2	26554-040122	SCREW, M4X12	1							1
31	2	26557-040382	SCREW M4X 38	6							1
32	1	123220-46910	STRAINER, BILGE	1							
33	2	124223-46100	PIPE, BILGE	1							
34	2	123220-46922	SCREEN	1							
35	2	26554-060102	SCREW M 6X 10	6							
36	2	123220-46951	CLAMP	1							
37	2	23010-015000	CLAMP, 15	1							

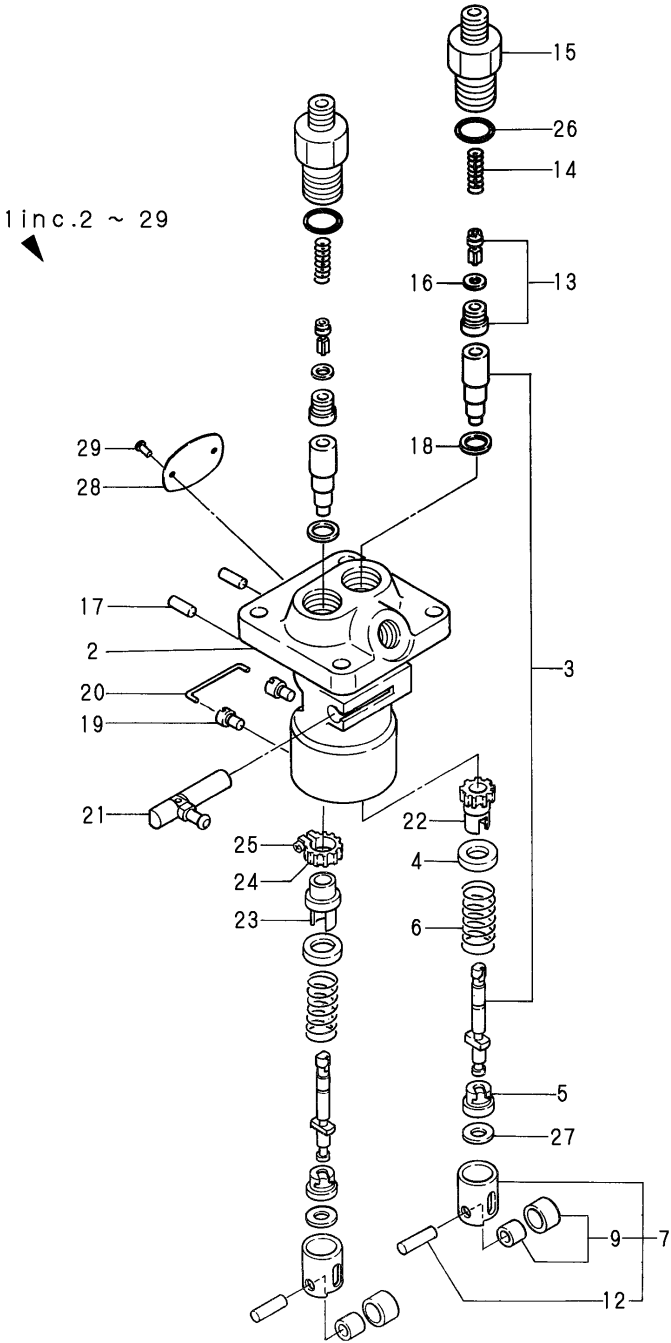
Fig.10. COOLING WATER SYSTEM



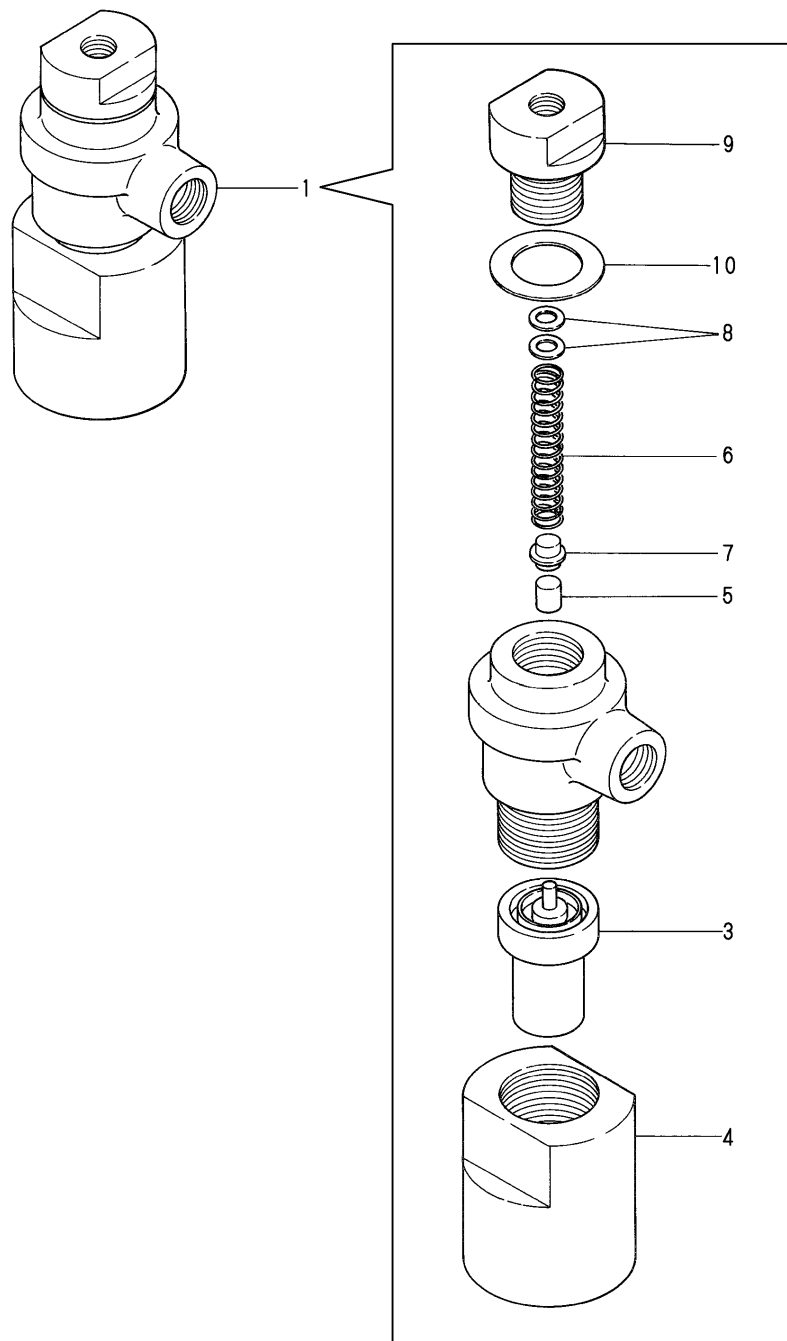
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124070-49070	PIPE	1							
1-1	1	121370-49060	PIPE, WATER	1							R
(A=*1980.02)											
3	2	105582-49900	PROTECTOR	2							
4	1	124070-49060	PIPE, WATER	1							
6	2	105582-49900	PROTECTOR	1							
7	2	124070-49910	SPRING, PROTECTE	1							
8	1	124070-49020	PIPE, WATER	1							
9	1	23000-022000	CLAMP, 22	4							
10	1	23000-025000	CLAMP, 25	2							
11	1	124070-49310	RETAINER	1							
12	1	124770-49310	RETAINER	2							
13	1	26116-060102	BOLT, M6X 10 PLATED	1							
14	1	22217-060000	WASHER, SPRING 6	1							
15	1	724070-01730	JOINT ASSY	1							
17	2	27210-200300	ZINC, SCREW20X30	1							
18	2	124220-09320	PLUG	1							
19	2	23414-250000	GASKET, 25X1.0	1							
20	2	123210-09310	GASKET	1							
21	2	124224-09340	LABEL	1							
22	2	104211-49060	JOINT	2							
23	1	124770-49190	COVER, THERMOSTAT	1							
25	2	124223-49300	JOINT, PIPE	1							
25-1	2	121575-49300	JOINT, PIPE	1							N
(A=*1980.01)											
26	2	104211-49060	JOINT	1							
26-1	2	104271-49060	JOINT, PIPE	1							N
(A=*1980.01)											
27	1	104211-49160	GASKET	1							
28	1	26116-060352	BOLT, M6X 35 PLATED	2							
29	1	124770-49200	THERMOSTAT	1							
30	1	43662-010020	COCK ASSY, KINGSTON	1							1
30-1	1	43662-010030	COCK ASSY, SEA WATER	1						N	1
(A=EXXX)											
34	2	23414-120200	COTTER PIN	1							1
35	1	104211-49080	PIPE, 13/20X2M	1							1
36	1	23000-022000	CLAMP, 22	3							1
37	1	43666-020951	COVER, STRAINER	1							1
38	1	22724-800380	SCREW, 8.0X38	4							1

Remarks
(1)OPTIONAL

Fig.11. FUEL INJECTION PUMP

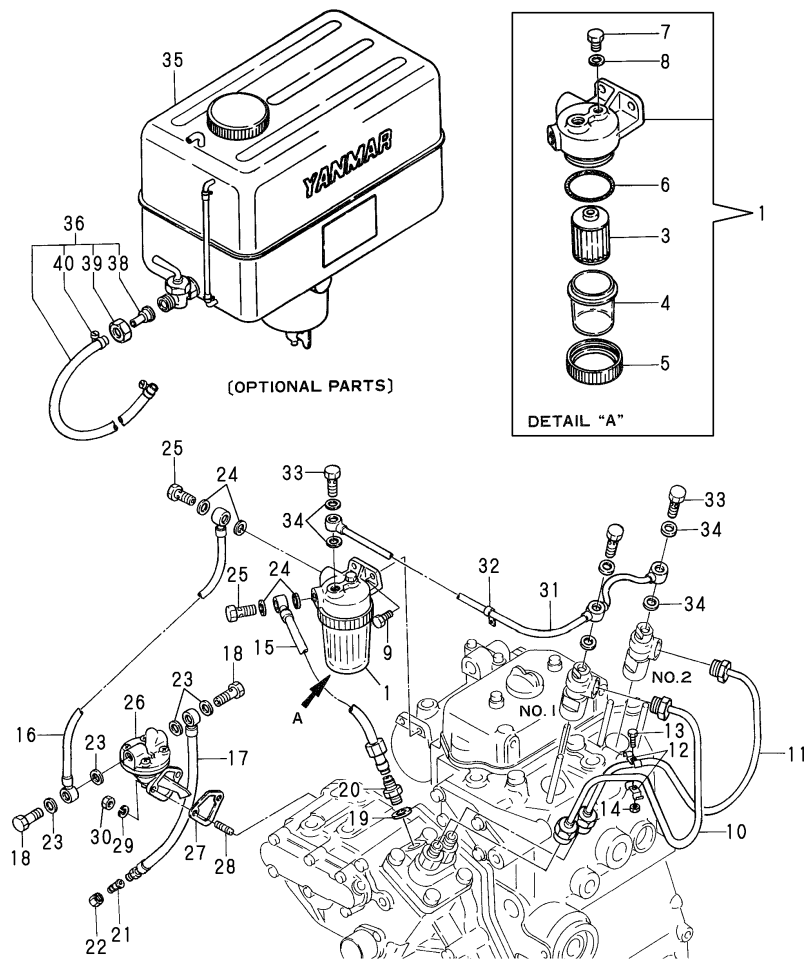


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724070-51700	PUMP ASSY, INJECTION	1							
2	2	124550-51011	BODY, FUEL PUMP	1							
3	2	124070-51100	PLUNGER ASSY	2							
4	2	174307-51170	RETAINER, SPRING A	2							
5	2	174307-51181	RETAINER, SPRING B	2							
6	2	174307-51190	SPRING, PLUNGER	2							
7	2	724550-51520	GUIDE, PLUNGER	2							
9	3	711100-51540	ROLLER ASSY	2							
12	3	174100-54120	PIN	2							
13	2	124060-51300	VALVE ASSY, DELIVERY	2							
14	2	124550-51320	SPRING, DELIVERY	2							
15	2	124550-51341	HOLDER, DELIVERY L43	2							
16	2	124550-51350	GASKET, DELIVERY	2							
17	2	174307-51250	PIN, LOCK	2							
18	2	174307-51270	GASKET	2							
19	2	174307-51450	PIECE	2							
20	2	174307-51460	PIN, LOCK	1							
21	2	105425-51500	RACK ASSY, CONTROL	1							
22	2	174307-51510	SLEEVE	1							
23	2	174307-51550	SLEEVE, PINION	1							
24	2	174307-51560	PINION	1							
25	2	122117-51560	SCREW	1							
26	2	124550-51370	O-RING	2							
27	2	174307-51700	SHIM SET	2							
29	2	22624-230030	RIVET 2.3X 3	2							
29-1	2	124220-51890	RIVET	2							R
(A=*1978.01)											

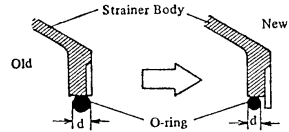


No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	724060-53101	VALVE ASSY,INJECTION	2					
3	2	124770-53000	VALVE ASSY,INJECTION	2					
4	2	104200-53080	NUT, NOZZLE	2					
5	2	113200-53110	SPINDLE, INTER	2					
6	2	103854-53120	SPRING, NOZZLE	2					
7	2	113200-53120	RETAINER, SPRING	2					
8	2	110250-53150	PLATE ASSY, ADJUST	2					
9	2	103854-53180	RETAINER, SPRING	2					
10	2	172100-53200	GASKET	2					

Fig.13. FUEL SYSTEM



Remarks:
REFER No.6-1 : Shall be supplied by new part(121370-55601) in the future. Since the O-ring of this complete part becomes finer than the old one as shown in sectional view given below, pay your attention to this regard when repairing an engine equipped with the new type strainer.

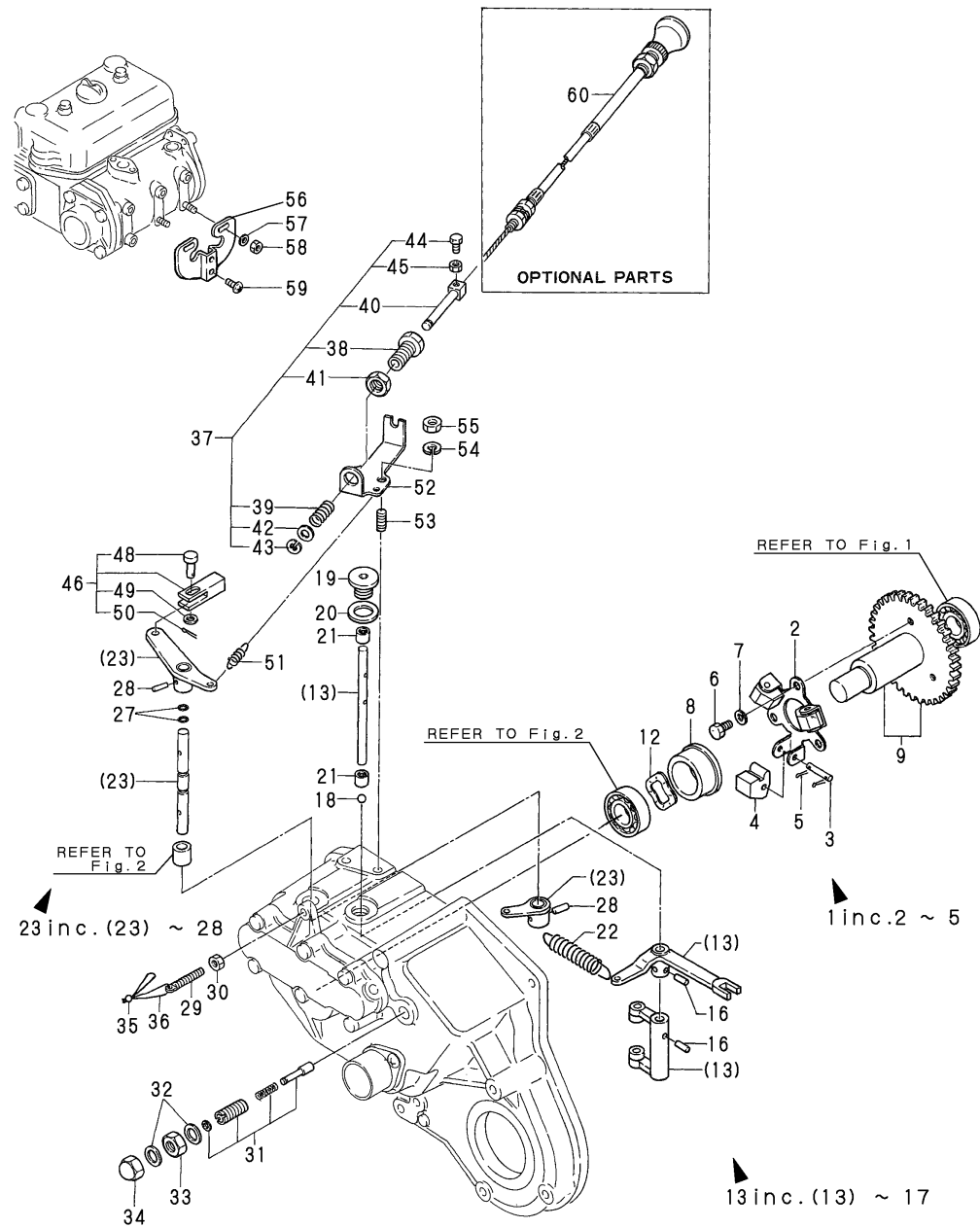


Major points of difference.
(1) Strainer body : In the case of the new type, the O-ring contact part of the retainer tightening area becomes two-face contacting.
(2) O-ring : Thickness (W) of the O-ring is 3.5mm for old type or 2mm for new type.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121370-55600	STRAINER ASSY, FUEL	1							
1-1	1	121370-55601	STRAINER ASSY, FUEL	1							N
(A=E/#84153)											
3	2	104500-55710	ELEMENT	1							
4	2	121370-55730	CUP, STRAINER	1							
5	2	110250-55610	RING, RETAINING	1							
6	2	102103-55520	O-RING	1							
6-1	2	24341-000440	O-RING, 1AS44.0	1							S
(A=E/XXXX)											
7	2	101720-55750	PLUG, 6	1							
8	2	23418-060000	GASKET, 6X1.0	1							
9	1	26116-060162	BOLT, M6X 16 PLATED	2							
10	1	124070-59810	PIPE ASSY, INJECTION	1							
11	1	124070-59820	PIPE ASSY, INJECTION	1							
12	1	124060-59900	RETAINER, PIPE	2							
13	1	26557-060122	SCREW, M6X12	1							
14	1	26716-060002	NUT, M6	1							
15	1	124070-59010	PIPE ASSY, FUEL	1							
16	1	124070-59030	PIPE ASSY, FUEL	1							
17	1	105584-59090	PIPE, FUEL	1							
18	1	105582-59150	BOLT, PIPE JOINT	2							
19	1	104200-59170	GASKET, 12	1							
20	1	124070-59650	UNION	1							
21	1	124772-59660	JOINT	1							
22	1	124772-59670	NUT, CAP	1							
23	1	23414-080000	GASKET, 8X1.0	4							
24	1	23414-120000	GASKET, 12X1.0	4							
25	1	23857-060000	BOLT, JOINT 6	2							
26	1	124070-52010	PUMP ASSY, FUEL FEED	1							
27	1	124223-01850	GASKET	1							
28	1	26216-060162	STUD, M6X 16	2							
29	1	22217-060000	WASHER, SPRING 6	2							
30	1	26716-060002	NUT, M6	2							
31	1	124070-59500	PIPE ASSY, RETURN	1							
32	1	124450-39240	RETAINER, PIPE	1							
32-1	1	121400-39240	RETAINER	1							N
(A=E/#81882)											
33	1	101147-59810	BOLT, PIPE JOINT M8	3							
34	1	23418-080000	GASKET, 8X1.0	6							
34-1	1	23414-080000	GASKET, 8X1.0	6							R
(A=E/XXXX)											
35	1	83211-002013	TANK ASSY, FUEL	1							1
36	1	124070-59060	PIPE ASSY, FUEL	1							1
38	2	105582-59190	JOINT	1							1
39	2	138603-59380	CAP NUT	1							1
40	2	23010-014000	CLAMP, 14	2							1

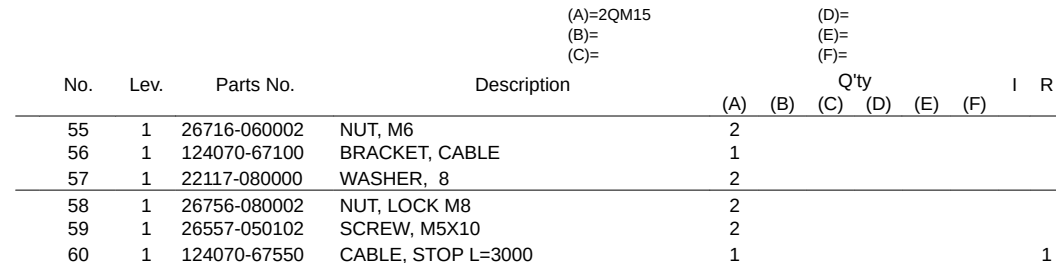
Remarks
(1)OPTIONAL

Fig.14. GOVERNOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724070-61520	WEIGHT ASSY,GOVERNOR	1							
2	2	124070-61110	SUPPORT, WEIGHT	1							
3	2	124070-61220	PIN, GOVERNOR WEIGHT	3							
4	2	104211-61200	WEIGHT, GOVERNOR	3							
5	2	22417-200200	PIN, COTTER 2.0X20	6							
6	1	26116-060122	BOLT, M6X 12 PLATED	3							
7	1	22217-060000	WASHER, SPRING 6	3							
8	1	124070-61600	SLEEVE, GOVERNOR	1							
9	1	124070-61090	SHAFT ASSY	1							
12	1	124070-61900	WASHER, 20	1							
13	1	724070-61500	LEVER ASSY, GOVERNOR	1							
16	2	22322-030160	PIN, TAPER 3X16	2							
18	1	24190-080001	BALL, STEEL 1/4	1							
19	1	124070-61910	PLUG, M16	1							
19-1	1	23883-160002	PLUG, 16	1							R
(A=EXXX)											
20	1	43400-500490	SEAL WASHER 16S	1							
20-1	1	23414-160000	GASKET, 16X1.0	1							R
(A=EXXX)											
21	1	104211-61520	BEARING, FJ-79W	2							
22	1	124060-66010	SPRING, REGULATOR	1							
22-1	1	124070-66010	SPRING, REGULATOR	1							N
(A=E/#80113)											
23	1	724070-66530	HANDLE ASSY	1							
27	2	24311-000050	O-RING, 1AP5.0	2							
28	2	22322-030160	PIN, TAPER 3X16	2							
29	1	103854-66420	SCREW	1							
30	1	26756-060002	NUT, LOCK M6	1							
31	1	124070-66550	LIMITER ASSY, FUEL	1							
32	1	43400-500430	SEAL WASHER 10S	2							
33	1	26756-100002	NUT, LOCK M10	1							
34	1	26667-100002	NUT, CAP M10	1							
35	1	135210-61090	LEAD	1							
36	1	22451-100000	WIRE, 1.0	1							
37	1	124772-66700	ADJUSTER ASSY	1							
38	2	124772-66700	ADJUSTER ASSY	1							
39	2	124772-66720	SPRING, ADJUSTER	1							
40	2	124772-66730	PIN	1							
41	2	124772-66750	NUT, LOCK M12	1							
42	2	124772-66760	WASHER	1							
43	2	22272-000040	RING, E- 4	1							
44	2	26113-050128	BOLT, M5X 12	1							
45	2	26753-050002	NUT, LOCK M5	1							
46	1	124772-66200	CLEVIS ASSY	1							
48	2	124772-66220	PIN	1							
49	2	22113-050000	WASHER, 5	1							
50	2	22414-160100	PIN, COTTER 1.6X10	1							
51	1	124070-66100	SPRING, RETURN	1							
52	1	124070-66740	BRACKET, ADJUSTER	1							
53	1	26226-060122	STUD, M6X 12	2							
54	1	22217-060000	WASHER, SPRING 6	2							

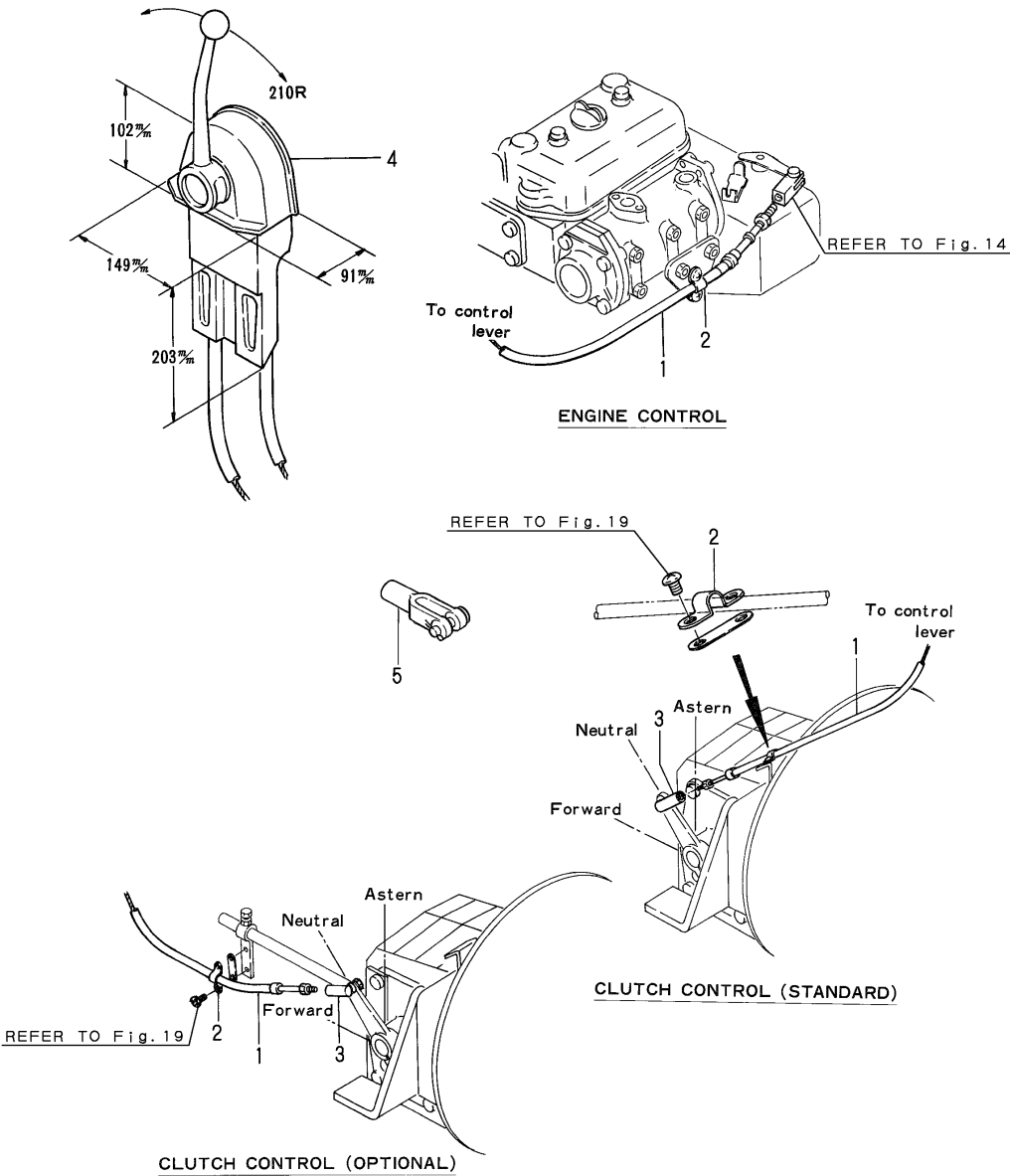
Remarks
(1)OPTIONAL



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

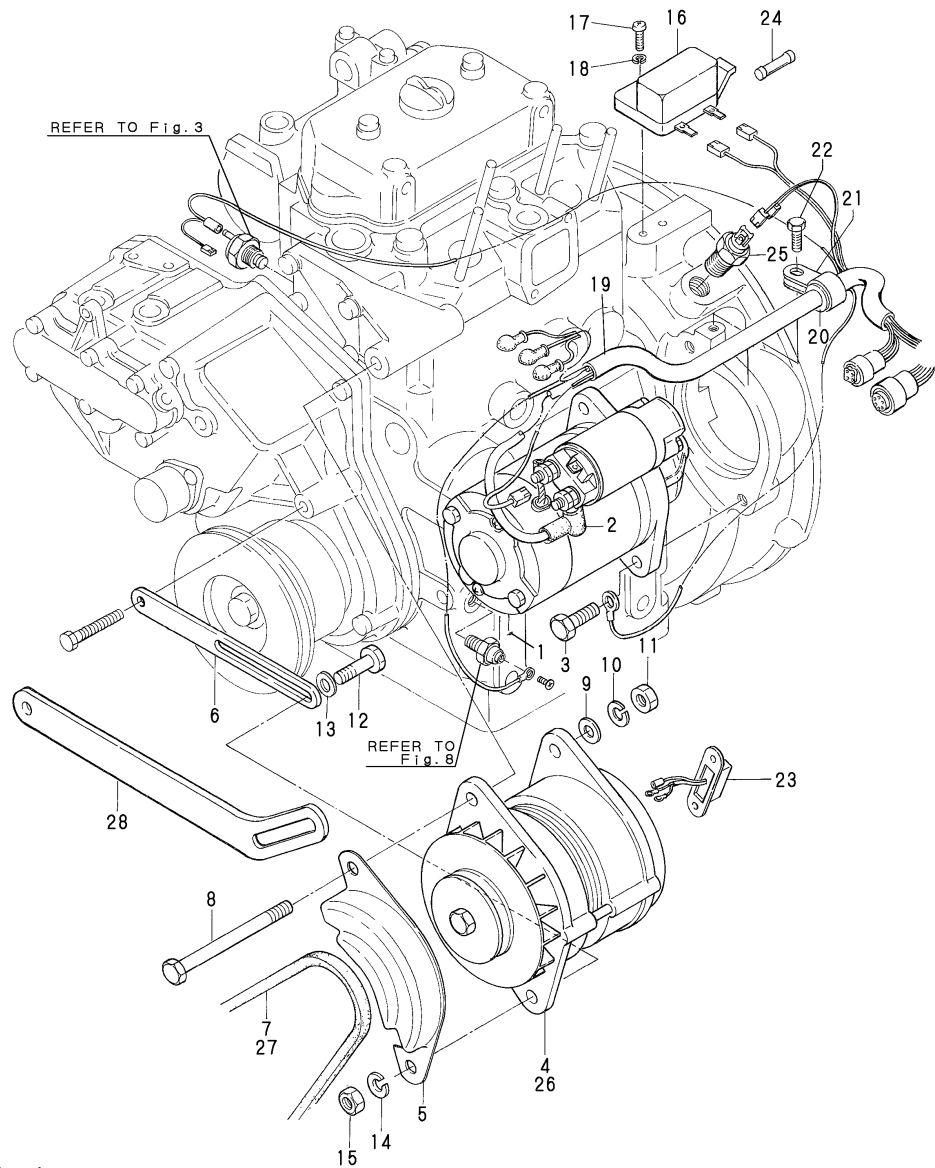
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Fig.15. REMOTE-CONTRLROL DEVICE(OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	41710-000380	CABLE L=4000	2							
2	1	41710-000410	CLAMP	2							
3	1	41710-000790	JOINT	1							
4	1	41730-000680	HEAD, REMOTE-CONTROL	1							
5	1	41710-000400	CLEVIS	1							W
(A=EXXX)											

Fig.16. STARTING MOTOR & GENERATOR

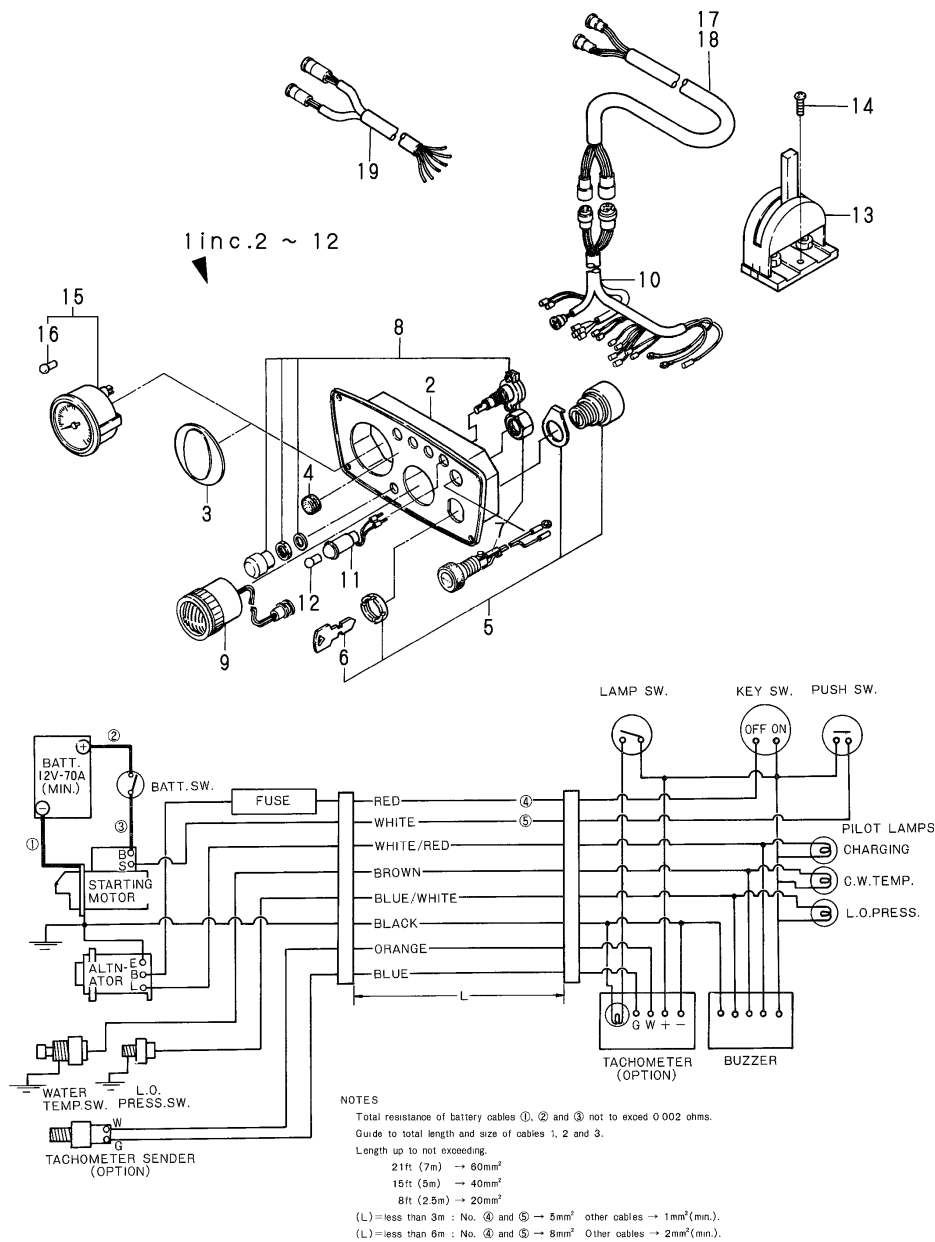


Remarks:
REFER No.4-1-marked parts : GENERATOR (AC) changed in Type from LR13531 to LR13574, effective from Aug.,1980 Engine serial number : From E/#89088~
Interchangeable between Old Type and New Type by GENERATOR ASS'Y. However some component parts of Old Type and New Type are not interchangeable.

Remarks
(1)OPTIONAL

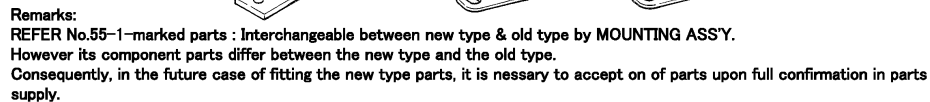
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124070-77010	STARTER, 1.3KW	1							
2	1	124550-77030	COVER, TERMINAL	1							
3	1	26116-100302	BOLT, M10X 30 PLATED	2							
4	1	121370-77200	GENERATOR, LR135-31	1							
4-1	1	128170-77200	GENERATOR, LR135-74	1							R
(A=E/#89088)											
5	1	121250-77210	COVER, GENERATOR	1							
6	1	124450-77330	ADJUSTER	1							
7	1	105582-77790	V-BELT, HM31	1							
8	1	26116-081202	BOLT, M8X120 PLATED	1							
9	1	22117-080000	WASHER, 8	1							
10	1	22217-080000	WASHER, SPRING 8	1							
11	1	26716-080002	NUT, M8	1							
12	1	26116-080322	BOLT, M8X 32 PLATED	1							
13	1	22117-080000	WASHER, 8	1							
14	1	22217-080000	WASHER, SPRING 8	1							
15	1	26716-080002	NUT, M8	1							
16	1	124070-77800	BOX, FUSE	1							
16-1	1	124070-77801	BOX, FUSE	1							N
(A=E/#85304)											
17	1	26557-050162	SCREW, M5X16	2							
18	1	22217-050000	WASHER, SPRING 5	2							
19	1	124070-77920	HARNESS, WIRE	1							
20	1	124770-77940	PROTECTOR	1							
21	1	124070-77950	CLAMP	1							
22	1	26116-080122	BOLT, M8X 12 PLATED	1							
23	1	121370-77950	REGULATOR, TR1Z28	1							
24	1	46150-003660	FUSE 20A	1							
24-1	1	46150-003680	FUSE 30A	1							N
(A=E/#85304)											
25	1	124070-91160	SENSOR	1							1
26	1	124070-77200	GENERATOR	1							1
27	1	104107-44780	V-BELT, HM34	1							1
28	1	124070-77330	ADJUSTER, BELT	1							1

Fig.17. INSTRUMENT PANEL



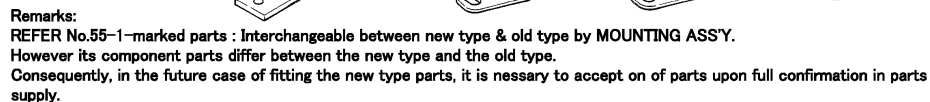
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124070-91000	PANEL ASSY	1							
2	2	124070-91010	PANEL, INSTRUMENT	1							
3	2	124770-91200	COVER	1							
4	2	124770-91230	COVER	1							
5	2	124070-91250	SWITCH, KEY	1							
6	3	124070-91290	KEY, SWITCH	1							
7	2	124070-91300	SWITCH	1							
8	2	124070-91310	SWITCH	1							
9	2	124070-91350	BUZZER	1							
9-1	2	104271-91350	BUZZER	1							R
(A=E/84741)											
9-2	2	104271-91351	BUZZER	1							N
(A=E/83752)											
10	2	124070-91030	HARNESS, WIRE	1							
11	2	124770-91040	LAMP, PILOT 12V 3.4W	3							
12	3	46150-001110	BULB(12V3W/G11.BA9S)	3							
13	1	123310-77640	SWITCH, BATTERY	1							1
14	1	22724-800380	SCREW, 8.0X38	2							1
15	1	124070-91100	TACHOMETER	1							1
16	2	46150-001110	BULB(12V3W/G11.BA9S)	1							W 1
(A=E/83752)											
17	1	124770-91500	CORD, EXTENSION	1							2
18	1	124070-91520	WIRE	1							2
19	1	124070-91550	WIRE	1							

Remarks
(1)OPTIONAL
(2)SELECTION USE PART.



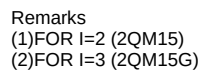
Remarks
(1)OPTIONAL

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	777099-02550	HOUSING ASSY, CLUTCH	1							
3	2	26216-080222	STUD, M8X 22	6							
4	2	26716-080002	NUT, M8	6							
5	2	22287-080000	WASHER, 8	6							
6	2	177099-06050	PLUG	1							
7	2	26226-100252	STUD, M10X 25	4							
8	2	26716-100002	NUT, M10	4							
9	2	22287-100000	WASHER, 10	4							
11	2	102210-07990	RIVET	4							
12	1	23884-160002	PLUG 16,HEX.	1							
12-1	1	23883-160002	PLUG, 16	1							R
		(A=EXXX)									
13	1	23414-160021	GASKET, 16X1.0	1							
14	1	177099-02130	PIN, PARALLEL	2							
15	1	177080-02030	FLANGE, MOUNTING	1							
16	1	26116-100302	BOLT, M10X 30 PLATED	5							
17	1	22287-100000	WASHER, 10	5							
18	1	177099-02081	COVER	1							
19	1	177099-02091	GASKET	1							
20	1	22352-040012	SPRING PIN 4X12	1							
21	1	177095-02400	LABEL	1							
22	1	177099-02450	DIPSTICK	1							
23	1	23414-160021	GASKET, 16X1.0	1							
24	1	177099-02950	SEAL TC30 52 8, OIL	1							
25	1	177099-02960	SEAL TC40 52 8, OIL	1							
26	1	177095-02980	SEAL, OIL	1							
27	1	177080-02720	BRACKET	1							
28	1	177080-02730	BRACKET	1							
29	1	26116-100302	BOLT, M10X 30 PLATED	4							
30	1	22287-100000	WASHER, 10	4							
31	1	177090-02620	LABEL	1							
32	1	177090-02630	LABEL	1							
33	1	177099-06010	FORK ASSY	1							
36	1	177099-06041	SHAFT, SHIFT	1							
37	1	177099-02250	SHIM SET	2							
38	1	177095-06030	CAM, SHIFT	1							
39	1	177095-06050	PIN	1							
40	1	177095-06140	CIRCLIP	1							
41	1	177095-03200	SPRING	1							
42	1	177095-06060	SPRING	1							
43	1	177095-06040	LEVER	1							
44	1	26116-080252	BOLT, M8X 25 PLATED	1							
45	1	26116-080282	BOLT, M8X 28 PLATED	6							
46	1	26226-080222	STUD, M8X 22	2							
47	1	22117-080000	WASHER, 8	8							
48	1	22217-080000	WASHER, SPRING 8	8							
49	1	26716-080002	NUT, M8	2							
50	1	124070-86300	BRACKET	1							
51	1	26116-060122	BOLT, M6X 12 PLATED	2							
52	1	22117-060000	WASHER, 6	2							

[illegible]

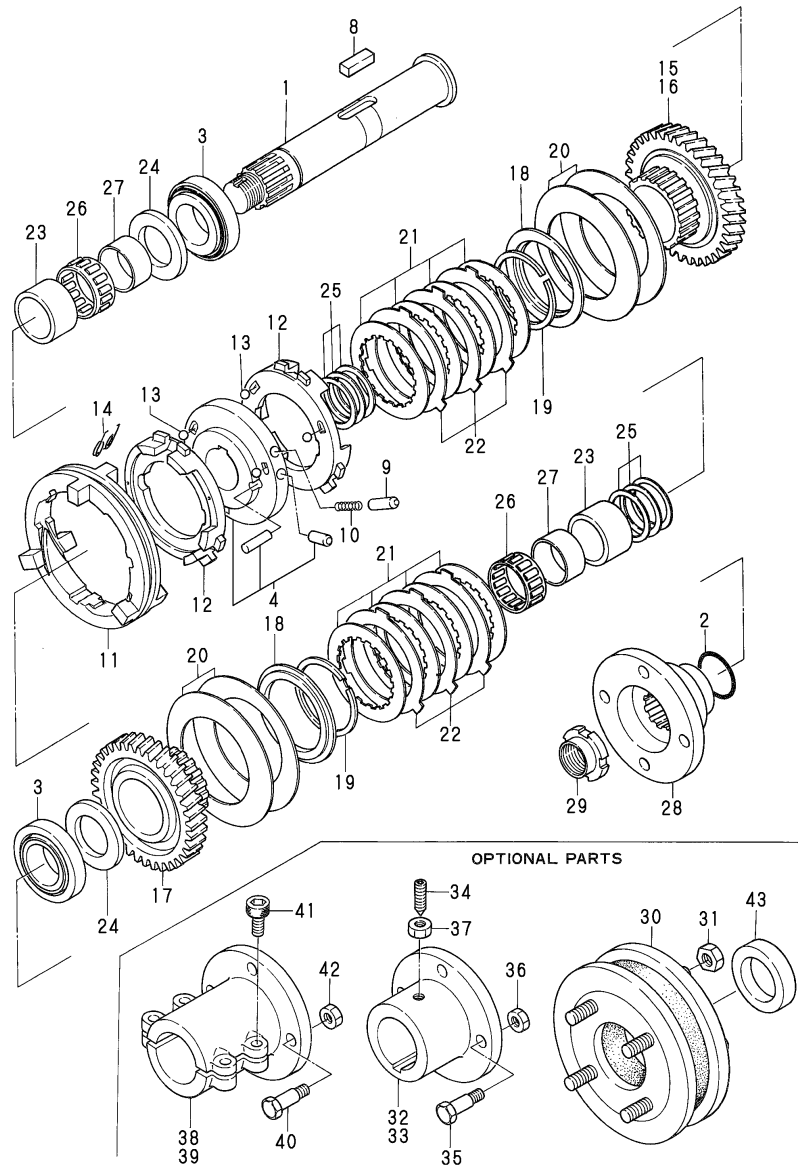
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N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable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

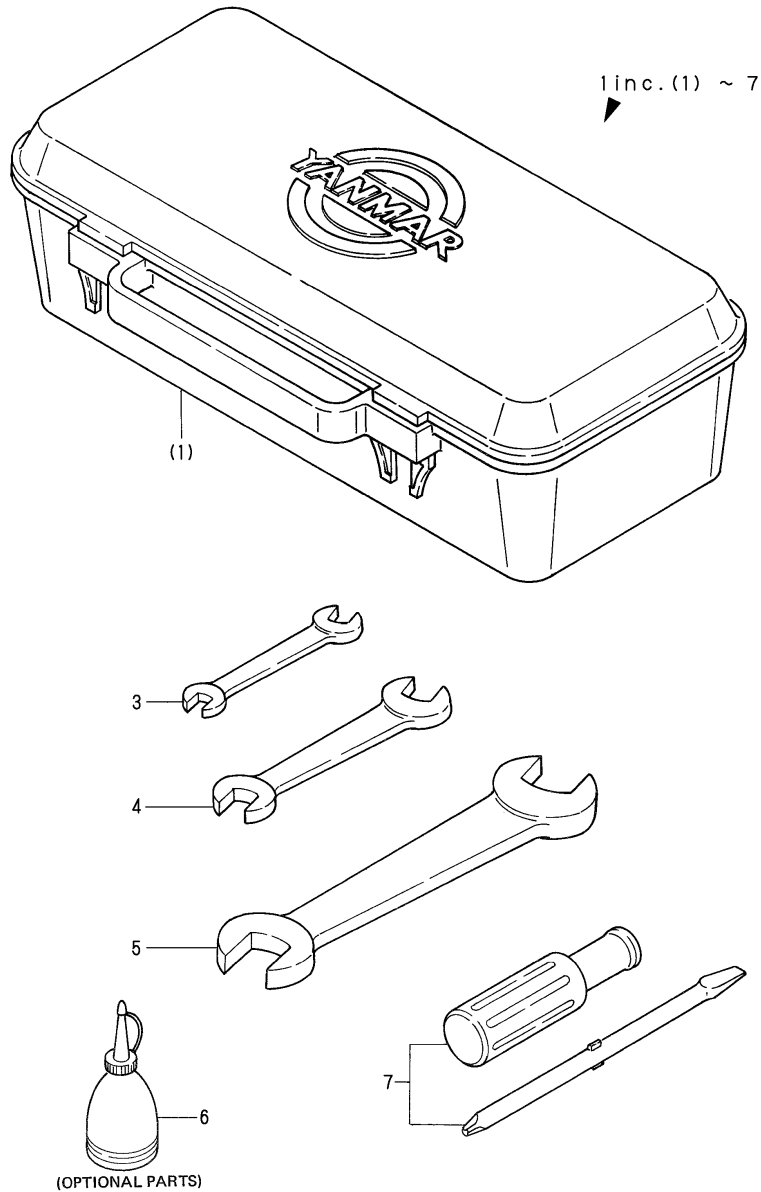
Fig.20. OUTPUT SHAFT



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177099-03021	SHAFT, OUTPUT	1							
2	1	24341-000300	O-RING, 1AS30.0	1							
3	1	177099-03920	ROLLER BEARING	2							
4	1	177099-03040	PLATE ASSY, DRIVE	1							
8	1	177090-03230	KEY	1							
9	1	177095-03190	PIN	3							
10	1	177095-03200	SPRING	3							
11	1	177099-03070	RING, SHIFT	1							
12	1	177099-03080	PLATE, PRESSURE	2							
13	1	177090-03180	BALL, STEEL	6							
14	1	177095-03210	SPRING	3							
15	1	177099-03101	GEAR, Z=47 I=2.14	1							1
16	1	177099-03431	GEAR, Z=51 I=2.83	1							2
17	1	177099-03111	GEAR, Z=45	1							
18	1	177090-03110	RETAINER	2							
19	1	177095-03280	CIRCLIP	2							
20	1	177090-03121	SPRING	4							
21	1	177090-03080	DISK, D78 T1.7	8							
22	1	177090-03090	PLATE, STEEL	6							
23	1	177099-03161	SPACER	2							
24	1	177090-03270	COLLAR, THRUST	2							
25	1	177095-03800	SHIM SET	2							
26	1	177095-03900	ROLLER BEARING	2							
27	1	177099-03470	RACE, INNER	2							
28	1	177099-03550	COUPLING	1							
29	1	177099-03540	NUT, LOCK	1							
30	1	124770-85400	COUPLING	1							3
31	1	26736-100002	NUT, M10	8							3
32	1	48110-025062	COUPLING	1							1
33	1	48110-028062	COUPLING	1							2
34	1	48110-032411	SCREW	1							3
35	1	26116-100322	BOLT, M10X 32 PLATED	4							3
36	1	26716-100002	NUT, M10	4							3
37	1	26757-080002	NUT, LOCK M8	1							3
37-1	1	26756-080002	NUT, LOCK M8	1							R 3
(A=EXXX)											
38	1	104214-83980	COUPLING	1							4
39	1	104214-83990	COUPLING	1							5
40	1	26116-100322	BOLT, M10X 32 PLATED	4							3
41	1	26450-080282	BOLT, M8X 28	4							3
42	1	26716-100002	NUT, M10	4							3
43	1	124772-85910	PIECE, COUPLING	1							W 3
(A=EXXX)											

Remarks
(1)FOR I=2 (2QM15)
(2)FOR I=3 (2QM15G)
(3)OPTIONAL
(4)SLIT TYPE 20
(5)SLIT TYPE 1

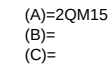
OCR10-M09108
Fig.21. TOOL



Remarks:
REFER No.6 : From April,1979,the gasoline feeder is availabel as an option.
Applicable engine serial number : From E/#84819~

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	704507-92100	BOX ASSY, TOOL	1							
3	2	28110-100130	SPANNER, 10X13	1							
4	2	28110-170190	SPANNER, 17X19	1							
5	2	28110-220240	SPANNER, 22X24	1							
6	2	28210-000150	OILER	1							1
7	2	104200-92350	DRIVER, SCREW	1							

Remarks
(1)OPTIONAL



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

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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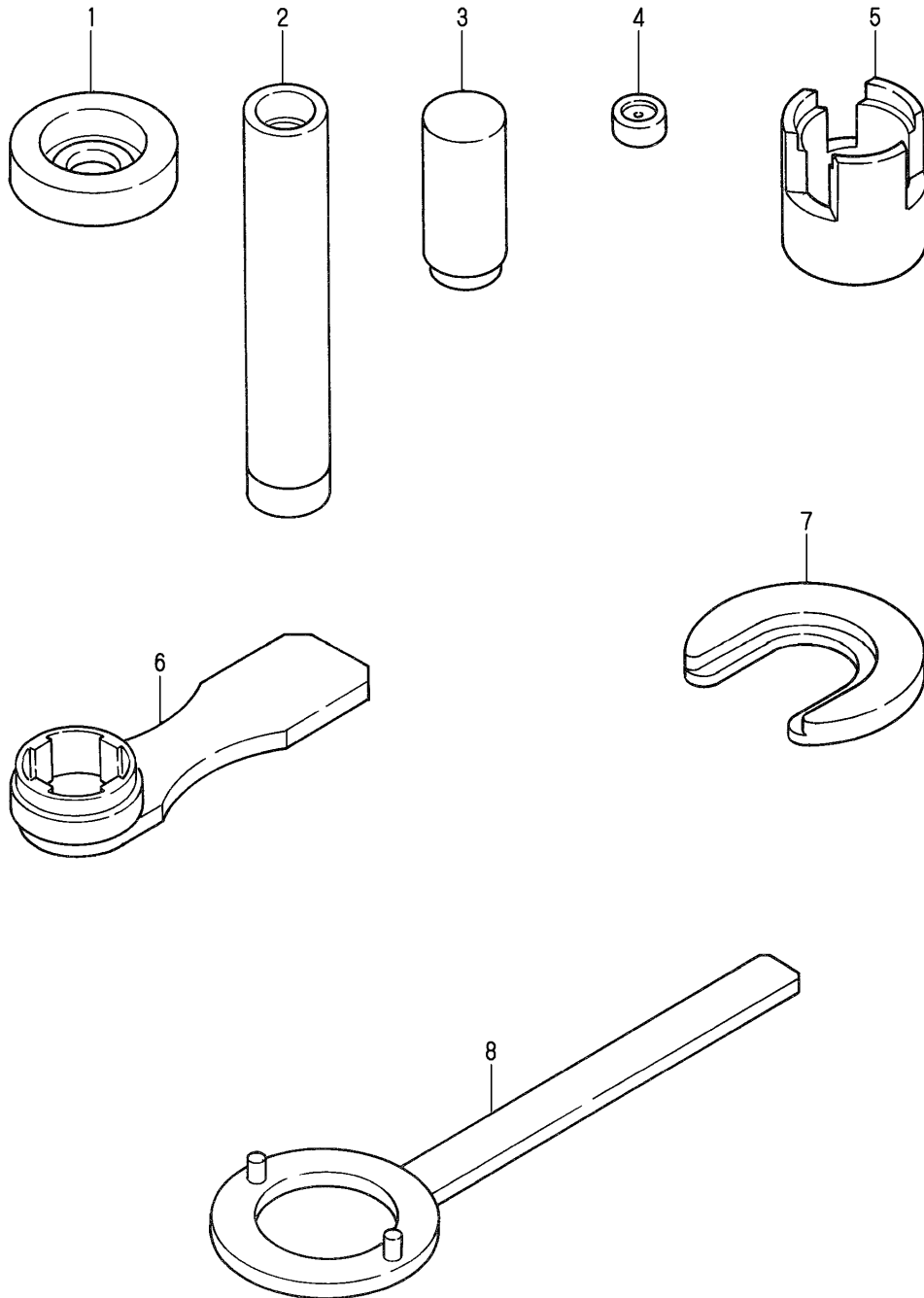
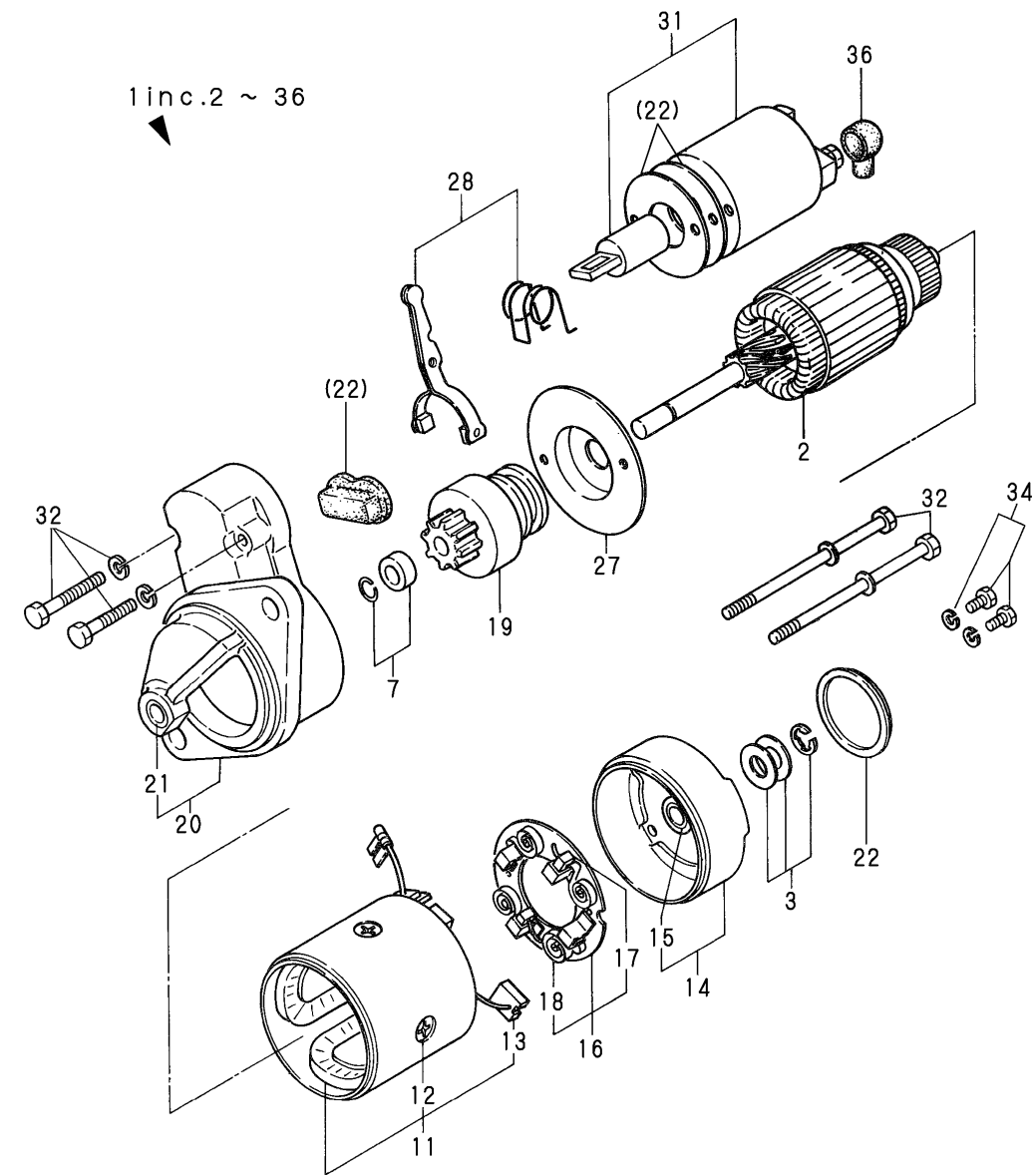
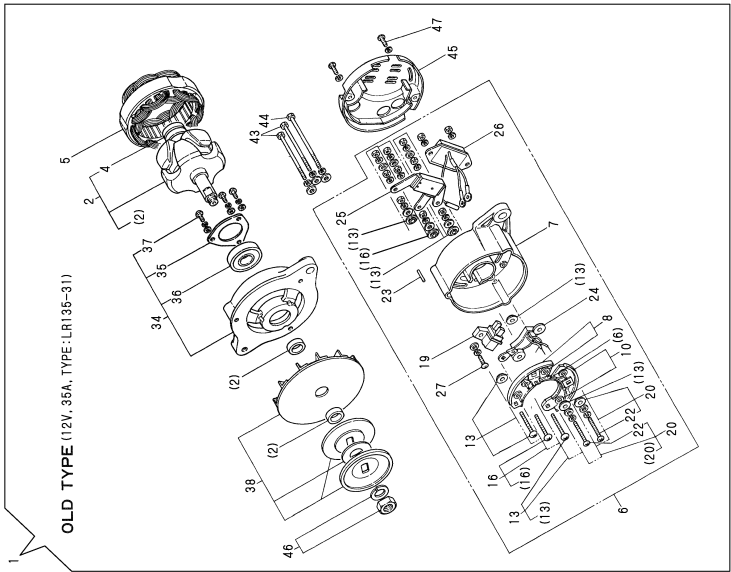
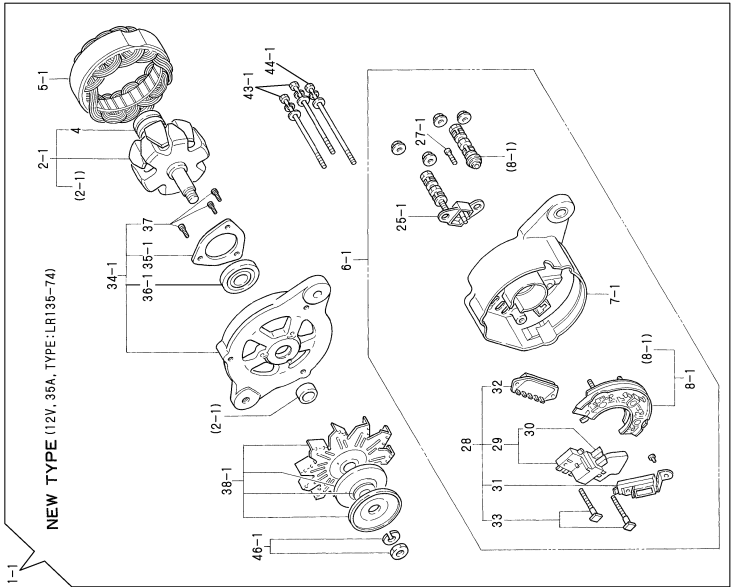
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Fig.24. STARTING MOTOR COMPONENT PART



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124070-77010	STARTER, 1.3KW	1							
2	2	X211491001	ARMATURE ASSY	1							
3	2	X21148110	WASHER SET, THRUST	1							
7	2	X21147155	STOPPER SET	1							
11	2	X211432001	COIL ASSY, FIELD	1							
12	3	X21147215	SCREW, POLE CORE	4							
13	3	X21145312	BRUSH, +	2							
14	2	X211453002	COVER ASSY, REAR	1							
15	3	X21145352	METAL	1							
16	2	X21141360	HOLDER ASSY, BRUSH	1							
17	3	X21145313	BRUSH(-)	2							
18	3	X21144314	SPRING, BRUSH	1							
19	2	X211455003	PINION ASSY	1							
20	2	X211416007	CASE ASSY, GEAR	1							
21	3	X21144661	METAL, GEAR CASE	1							
22	2	X21143963	COVER KIT, DUCT	1							
27	2	X21143454	PLATE, CENTER	1							
28	2	X21148652	LEVER SET, SHIFT	1							
31	2	X211467005	SWITCH ASSY, MAGNET	1							
32	2	X21146815	BOLT, THROUGH	2							
33	2	26013-060322	BOLT, M6X 32	2							
34	2	X21142835	SCREW SET	1							
36	2	X21142742	COVER (A), RUBBER	1							

Fig.25. GENERATOR COMPONENT PART

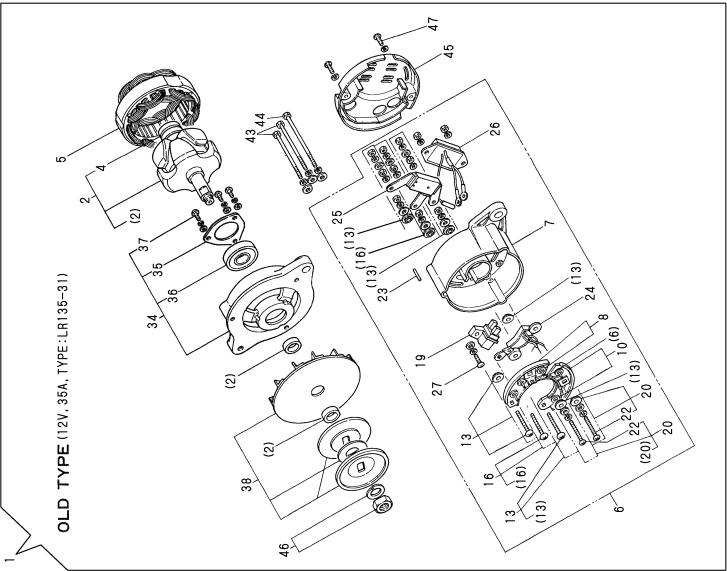
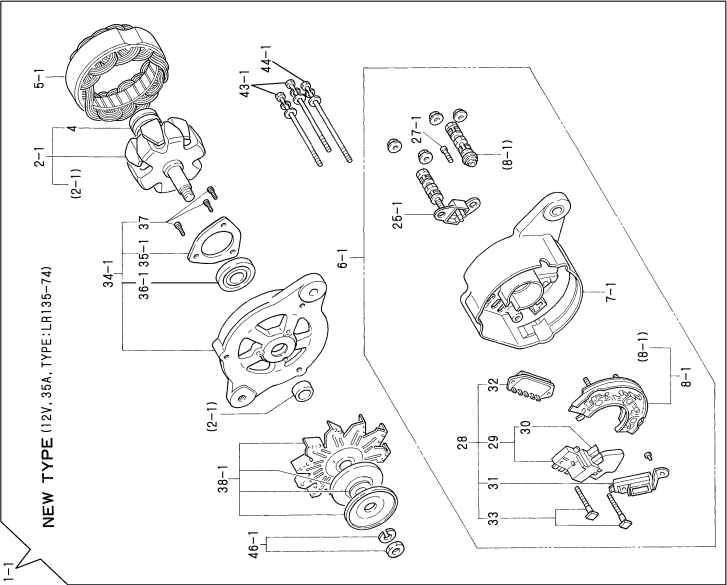


Remarks:
REFER No. 1-1 marked parts : GENERATOR (AC) was changed in Type from LR13531 to LR13574, effective from Aug. 1980.
Interchangeable Old Type and New Type by GENERATOR ASS'Y. However some component parts of Old Type(LR13531)
and New Type(LR13574) are different. Please confirm the Type of GENERATOR with LABEL provided to the article in question.
Consequently when ordering individual parts, confirm of Type of GENERATOR with LABEL provided to the article in question.
Beside, parts supply for GENERATOR shall be operated with New Type(LR13574) in the future to replace the generator of Old
Type engine with New Type generator thus pay much attention to this regard in your parts ordering.

NOTES:
When placing your order of AG generator, if you indicate Model (e.g. HITACHI LR135-31), Mfg. No. Part Name and Part No. of that
generator in your Order Sheet, you will be supplied with proper parts. (There are some cases that the fitted generator have been
changed without your notice. Please confirm the Model and Mfg. No. of generator from label stuck to the generator being used.
A. Kindly confirm Model and Mfg. No. of generator from label stuck to the generator being used.
B. Enter Yanmar part No. in your Order Sheet.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121370-77200	GENERATOR, LR135-31	1							
1-1	1	128170-77200	GENERATOR, LR135-74	1							R
(A=EXXX)											
2	2	XLR135Y1100	ROTOR ASSY	1							
2-1	2	XL13561001	ROTOR ASSY	1							S
(A=EXXX)											
4	3	X6201SD	BEARING	1							
5	2	XL135Y1200	STATOR ASSY	1							
5-1	2	XL1356200	STATOR ASSY	1							S
(A=EXXX)											
6	2	XL135Y1300	COVER ASSY, REAR	1							
6-1	2	XL13523001	COVER ASSY, REAR	1							S
(A=EXXX)											
7	3	XL135Y1301	COVER, REAR	1							
7-1	3	XL1358301	COVER	1							S
(A=EXXX)											
8	3	XL135Y1302	SR HOLDER (+)	1							
8-1	3	XL1353320	DIODE ASSY	1							S
(A=EXXX)											
10	3	XL135Y1303	SR HOLDER (-)	1							Z
(A=EXXX)											
13	3	XL135Y1310	TERMINAL ASSY	2							Z
(A=EXXX)											
16	3	XL135Y1311	TERMINAL ASSY	1							Z
(A=EXXX)											
19	3	XL135Y1320	BRUSH HOLDER ASY	1							Z
(A=EXXX)											
20	3	XL135Y1803	SCREW SET	2							Z
(A=EXXX)											
22	4	26557-050362	SCREW M5X 36	2							Z
(A=EXXX)											
23	3	XL135Y1810	LOCK, BEARING	1							Z
(A=EXXX)											
24	3	XMV11305	CONTROL UNIT, FIELD	1							Z
(A=EXXX)											
25	3	XMV11306	CR ASSY	1							
25-1	3	XL1202310	BOLT ASSY, TERMINAL	1							S
(A=EXXX)											
26	4	XTR1Z28	IC REGULATOR	1							Z
(A=EXXX)											
27	3	26557-050162	SCREW, M5X16	1							
27-1	3	26557-050142	SCREW M 5X 14	1							S
(A=EXXX)											
28	3	XL13533151	BRUSH W/REGURATOR	1							W
(A=EXXX)											
29	4	XL1208326	BRUSH ASSY	1							W 1
(A=EXXX)											
30	4	XL12013262	BRUSH	2							W
(A=EXXX)											
31	4	XL1351318	CONDENSER	1							W
(A=EXXX)											

Fig.25. GENERATOR COMPONENT PART



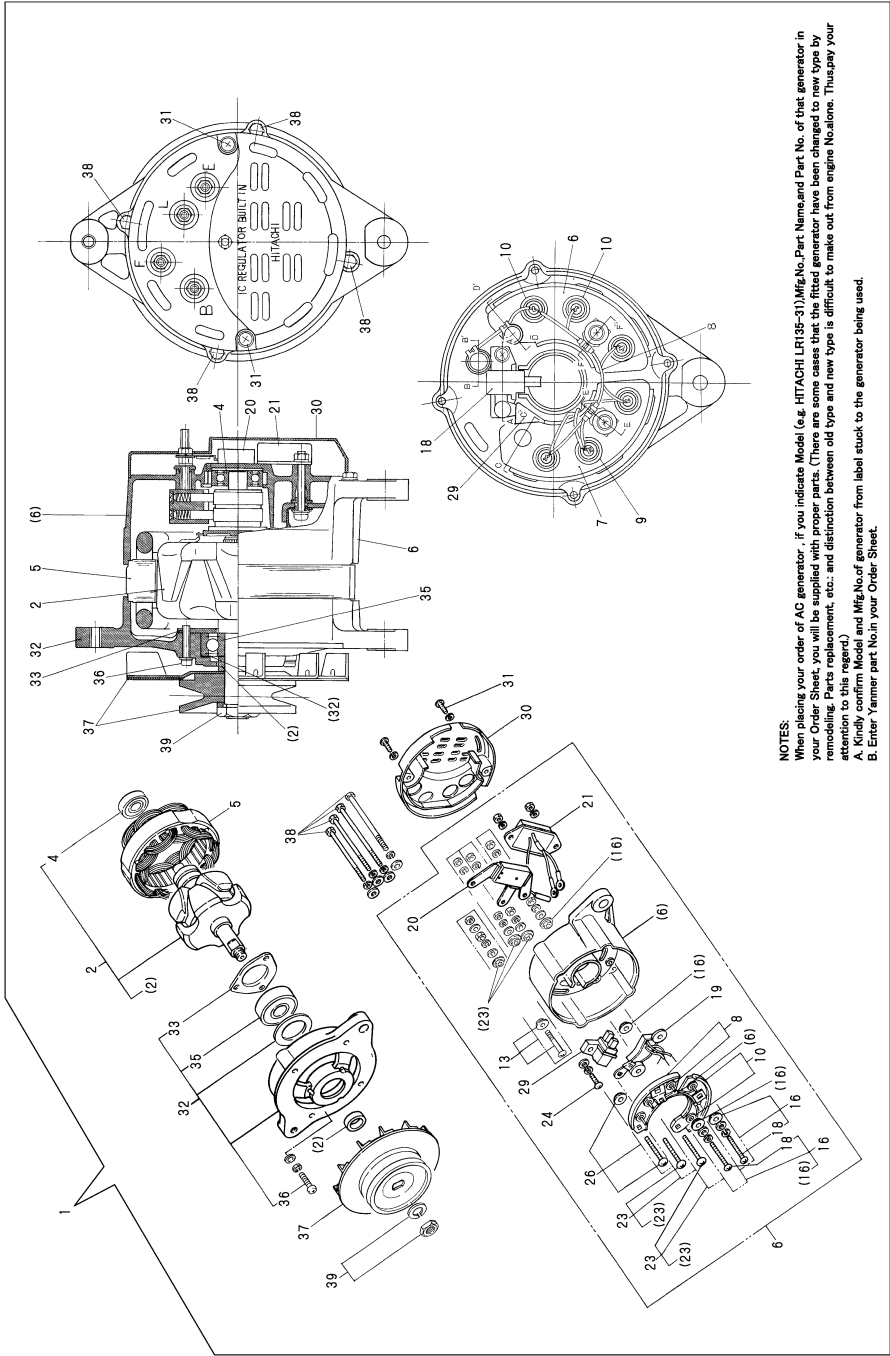
Remarks:
REFER No. 1-1 marked parts : GENERATOR (AC) was changed in Type from LR13531 to LR13574, effective from Aug. 1980.
Interchangeable with Old Type and New Type by GENERATOR ASS'Y. However some component parts of Old Type(LR13531)
and New Type(LR13574) are different. Please confirm the parts list of Old Type(LR13531) and New Type(LR13574).
Consequently when ordering individual parts, confirm of Type of GENERATOR with LABEL provided to the article in question.
Beside, parts supply for GENERATOR shall be operated with New Type(LR13574) in the future to replace the generator of Old
Type engine with New Type generator thus pay much attention to this regard in your parts ordering.

NOTES:
When placing your order of AG generator, if you indicate Model (e.g. HITACHI LR135-31), Mfg. No., Part Name, and Part No. of that
generator in your Order Sheet, you will be supplied with proper parts. (There are some cases that the fitted generator have been
changed in the past, and the parts list of the old generator may be different from the new generator. Please pay attention to this
point when ordering parts. This is the reason why we have provided this note.)
A. Kindly confirm Model and Mfg. No. of generator from label stuck to the generator being used.
B. Enter Yemmer part No. in your Order Sheet.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
32	4	XTR1Z49 (A=EXXX)	IC REGULATOR	1							W
33	4	XL13513134 (A=EXXX)	BOLT M5	2							W
34	2	XL135Y1400	COVER ASSY, FRONT	1							
34-1	2	XL1359400 (A=EXXX)	COVER ASSY, FRONT	1							S
35	3	XL135Y1401	RETAINER, BEARING	1							
35-1	3	XL13514042	RETAINER	1							R
36	3	X6302B (A=EXXX)	BALL BEARING	1							
36-1	3	X6302BM	BALL BEARING	1							R
37	3	26557-040122	SCREW, M4X12	3							
38	2	XL135Y1531	PULLEY ASSY	1							
38-1	2	XL13525001 (A=EXXX)	PULLEY ASSY	1							S
43	2	XL135Y1801	BOLT, THROUGH	2							
43-1	2	XL1254801 (A=EXXX)	BOLT, THROUGH	2							S
44	2	XL135Y1802	BOLT, THROUGH	1							
44-1	2	XL1255801 (A=EXXX)	BOLT, THROUGH	1							S
45	2	XL135Y1820	COVER	1							Z
46	2	XB444001A (A=EXXX)	NUT SET, PULLEY	1							
46-1	2	XB495469B	NUT ASSY, PULLEY	1							S
47	4	26557-050102	SCREW, M5X10	2							

Remarks
(1)INC 30.

Fig.26. GENERATOR COMPONENT PART(OPTIONAL)



NOTES:
When placing your order of AO generator, if you indicate Model (e.g. HITACHI LR135-31), Mfg.No, Part Name and Part No. of that generator in your order sheet, you will be supplied with proper parts. (There are some cases that the fitted generator have been changed to new type by the manufacturer without notice. Please inform us of the change in advance. Please note that the change of the generator type is not reflected in the parts list. Please pay attention to this regard.)
A. Kindly confirm Model and Mfg.No. of generator from label stuck to the generator being used.
B. Enter Yanmar part No.in your Order Sheet.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124070-77200	GENERATOR	1							
2	2	XL16011006	ROTOR ASSY	1							
4	3	X6201SD	BEARING	1							
5	2	XL15512001	STATOR ASSY	1							
6	2	XL155Y1300	COVER ASSY, REAR	1							
8	3	XL155Y1302	SR HOLDER (+)	1							
10	3	XL155Y1303	SR HOLDER (-)	1							
13	3	XL155Y1312	TERMINAL ASSY	1							
16	3	XL155Y1803	SCREW SET	2							
18	4	26557-050402	SCREW, M5X40	2							
19	3	XMV11305	CONTROL UNIT, FIELD	1							
20	3	XMV11306	CR ASSY	1							
21	3	XTR1Z28	IC REGULATOR	1							
22	3	26557-050162	SCREW, M5X16	2							1
23	3	XL155Y1310	TERMINAL ASSY	2							
26	3	XL155Y1311	TERMINAL ASSY	1							
29	3	XL135Y1320	BRUSH HOLDER ASY	1							
30	2	XL155Y1820	COVER	1							
31	2	26557-050102	SCREW, M5X10	2							
32	2	XL155Y1400	COVER ASSY, FRONT	1							
33	3	XL15014041	RETAINER, BEARING	1							
35	3	X6302B	BALL BEARING	1							
36	3	26557-050202	SCREW, M5X20	3							
37	2	XL155Y1504	PULLEY ASSY	1							
38	2	XL1602801Y	BOLT, THROUGH	4							
39	2	XB474214A	BOLT, THROUGH	1							

Fig.27. PACKING KIT(OPTIONAL)

				(A)=2QM15			(D)=					
				(B)=			(E)=					
				(C)=			(F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty	(D)	(E)	(F)	I	R
1	1	724070-92600	GASKET SET	1								
2	2	124070-01510	GASKET, GEAR CASE	1								
3	2	124070-01530	GASKET, GEAR CASE	1								
4	2	124070-01560	GASKET	1								
5	2	124060-01741	GASKET	1								
5-1	2	124060-01742	GASKET	1								R
(A=EXXX)												
6	2	124223-01850	GASKET	1								
7	2	124060-02020	GASKET	1								
8	2	124060-01750	GASKET	1								
9	2	101204-11450	GASKET, CHAMBER	1								
9-1	2	101204-11452	GASKET, CHAMBER	1								N
(A=EXXX)												
10	2	103854-11490	INSULATOR	2								
11	2	124450-11681	GASKET	1								
12	2	124060-32091	GASKET	1								
12-1	2	124060-32092	GASKET, PUMP	1								N
(A=EXXX)												
13	2	124060-34841	GASKET	2								
13-1	2	124060-34842	GASKET	2								N
(A=EXXX)												
14	2	104211-42090	GASKET	1								
15	2	104211-49160	GASKET	1								
16	2	174307-51270	GASKET	2								
17	2	124550-51350	GASKET, DELIVERY	2								
18	2	172100-53200	GASKET	2								
19	2	124060-77170	GASKET	1								
20	2	23414-080000	GASKET, 8X1.0	20								
21	2	23414-100000	GASKET, 10X1.0	5								
22	2	23414-120000	GASKET, 12X1.0	20								
23	2	23414-160000	GASKET, 16X1.0	5								
24	2	23414-250000	GASKET, 25X1.0	5								
25	2	43400-500400	SEAL WASHER 6	2								
26	2	43400-500410	SEAL WASHER 8S	4								
27	2	43400-500430	SEAL WASHER 10S	2								
28	2	43400-500490	SEAL WASHER 16S	1								

[illegible]

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

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	27	9
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	27	9 -1
101300-92140	22	8
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102103-55520	13	6
102210-07990	18	11
103338-01240	1	8
		8 -1
103338-32570	8	5
103338-92030	22	4
103854-11490	3	45
	27	10
103854-53120	12	6
103854-53180	12	9
103854-66420	14	29
104107-44780	16	27
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104200-03641	3	66
104200-11100	3	3
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104200-11180	3	11
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104200-14200	5	7
104200-22300	7	7
104200-53080	12	4
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104211-21600	6	20
104211-42050	9	9
		26
104211-42070	9	8
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104211-61520	14	21
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104264-39700	8	28
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	10	26 -1
104271-91350	17	9 -1
104271-91351	17	9 -2
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		7 -1
	3	80
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	28	12
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124060-01300	1	18
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124060-01540	1	13
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124060-01742	1	25 -1
	27	5 -1
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		42 -1
	27	13 -1
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124070-01400	1	41
124070-01510	2	21
	27	2
124070-01530	2	22
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124070-01560	1	30
	27	4
124070-01600	1	34
124070-01720	1	24
124070-01850	2	23
124070-03080	2	15
124070-03100	2	19
124070-03720	3	74
124070-03750	3	61
124070-03770	3	63
124070-07230	3	79
124070-08110	1	46
124070-08340	18	55
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124070-11400	3	40 -1
124070-11410	3	43
124070-11420	3	40
124070-11650	3	26
124070-11670	3	28
124070-12700	4	3
124070-13300	4	30
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124070-42000	9	1
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124070-42400	9	16
124070-42410	9	19
124070-42420	9	18
124070-46820	9	24
124070-49020	10	8
124070-49060	10	4
124070-49070	10	1
124070-49310	10	11
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	24	1
124070-77200	16	26
	26	1
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124070-91350	17	9
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124160-01210	1	6
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124223-46100	9	33
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	10	25
124223-49750	4	11
124224-09340	3	39
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124450-01800	2	12
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124450-11900	4	19
124450-35070	8	21
124450-35100	8	12
	28	7
124450-35301	8	13
124450-35320	8	16
124450-35330	8	17
124450-35350	5	4
	8	19
124450-39140	8	25
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124660-92020	22	3
124770-11770	2	16
124770-12500	4	1
124770-12540	4	2
124770-13130	4	20
	28	3
124770-13150	4	13
124770-13170	4	14
	28	4
124770-13180	4	16
	28	5
124770-13690	4	24
124770-49040	4	25
124770-49190	10	23
124770-49200	10	29
	28	10
124770-49310	10	12
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	28	11
124770-77940	16	20
124770-85400	20	30
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124772-13160	4	15
124772-35060	8	20
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124772-59670	13	22
124772-66200	14	46
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174307-51190	11	6
174307-51250	11	17
174307-51270	11	18
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174307-51460	11	20
174307-51510	11	22
174307-51550	11	23
174307-51560	11	24
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177080-02030	18	15
177080-02720	18	27
177080-02730	18	28
177090-02620	18	31
177090-02630	18	32
177090-03080	20	21
177090-03090	20	22
177090-03110	20	18
177090-03121	20	20
177090-03180	20	13
177090-03230	20	8
177090-03270	20	24
177090-09010	23	1
177095-02400	18	21
177095-02980	18	26
177095-03190	20	9
177095-03200	18	41
	20	10
177095-03210	20	14
177095-03280	20	19
177095-03800	20	25
177095-03900	20	26
177095-06030	18	38
177095-06040	18	43
177095-06050	18	39
177095-06060	18	42
177095-06140	18	40
177095-09020	23	2
177095-09070	23	5
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177099-03021	20	1
177099-03040	20	4
177099-03070	20	11
177099-03080	20	12
177099-03101	20	15
177099-03111	20	17
177099-03161	20	23
177099-03301	19	10
177099-03311	19	11
177099-03321	19	13
177099-03411	19	4
177099-03431	20	16
177099-03470	20	27
177099-03540	20	29
177099-03550	20	28
177099-03900	19	14
177099-03901	19	14 -1
177099-03920	19	5
	20	3
177099-03980	19	11 -1
177099-06010	18	33
177099-06041	18	36
177099-06050	18	6
177099-09010	23	6
177099-09020	23	8
177099-09030	23	7
177099-09040	23	3
189040-01860	1	26
22113-050000	14	49
22113-080000	1	27
22117-060000	1	12
	2	28
	18	52
22117-080000	1	37
	2	34
	14	57
	16	9
		13
	18	47
22137-080000	2	11
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	6	15
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22312-030180	3	64
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23414-250000	3	36
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23873-020000	3	22
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23883-180002	1	35
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	2	8
24101-062054	5	9
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26116-120302	1	47
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26450-080182	4	6
26450-080252	8	10
26450-080282	20	41
26554-040062	9	10
26554-040082	9	15
26554-040122	9	30
26554-060102	9	35
26557-040082	3	70
26557-040122	25	37
26557-040382	9	31
26557-050102	2	17
	14	59
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26557-050162	16	17
	25	27
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26557-050202	26	36
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26557-060102	2	35
26557-060122	13	13
26587-080102	3	15
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26610-100002	1	45
26667-100002	14	34
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26716-060002	13	14
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	3	18
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26756-080002	3	55
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27233-250000	4	31
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43400-500400	1	44
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43400-500410	2	5
	27	26
43400-500430	14	32
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43400-500490	14	20
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43600-500290	1	20
43662-010020	10	30
43662-010030	10	30 -1
43666-020951	10	37
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48110-028062	20	33
48110-032411	20	34
704507-92100	21	1
711100-51540	11	9
724060-02500	6	9
724060-11650	3	51
724060-21700	6	1
724060-22722	7	1 -1
724060-53101	12	1
724070-01560	1	1
724070-01610	2	1
724070-01620	2	13
724070-01730	10	15
724070-01900	1	16
724070-03600	3	58
724070-11520	3	56
724070-11700	3	1
724070-13200	4	21
724070-13300	4	27
724070-13500	4	7
724070-14580	5	1
724070-22500	7	3
	28	6
724070-22720	7	1
724070-32700	8	1
724070-51700	11	1
724070-61500	14	13
724070-61520	14	1
724070-66530	14	23
724070-92500	28	1
724070-92600	27	1
724550-51520	11	7
724660-23100	7	9
777099-02550	18	1
777099-03011	19	1
777099-03021	19	9
777099-03211	19	2
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X211416007	24	20
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X211432001	24	11
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X21148652	24	28
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XL1356200	25	5 -1
XL1358301	25	7 -1
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XL135Y1300	25	6
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XL135Y1303	25	10
XL135Y1310	25	13
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XL155Y1300	26	6
XL155Y1302	26	8
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