



# PARTS CATALOG

Published 2012/10 (Oct.)

0CNP3-G33200

## Directions for the Parts Catalog.

1. This Parts Catalog shows both standard and optional parts.
2. Parts may change without prior notice.
3. The following is an example of the Parts Catalog format.

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

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

### ① Ref. No.

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

(Ex.) Illustration No.

List Ref No.

1

1

(Before change)

1-1

(After change)

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

### ② Lev. (Level)

Level indication

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

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

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

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

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

### ③ Interchangeability Symbol

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

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

### ④ Effective Machine No.

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

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

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

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

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

### ⑤ Remarks

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.

# CONTENTS

MODEL : YSR1820,2220(  
PC NO : 0CNP3-G33200

Fig.No. GROUP NAME

## ENGINE SECTION

1. CYLINDER BLOCK
2. GEAR HOUSING
3. OIL SUMP
4. CYLINDER HEAD & BONNET
5. SUCTION MANIFOLD & AIR CLEANER
6. EXHAUST MANIFOLD & SILENCER
7. CAMSHAFT & DRIVING GEAR
8. CRANKSHAFT & PISTON
9. LUB. OIL SYSTEM
10. COOLING WATER SYSTEM
11. RADIATOR
12. FUEL INJECTION PUMP
13. GOVERNOR
14. FUEL INJECTION VALVE
15. FUEL TANK
16. FUEL FILTER
17. STARTING MOTOR
18. GENERATOR
19. ELECTRICAL PARTS

## ENGINE SECTION

20. CYLINDER BLOCK
21. GEAR HOUSING
22. OIL SUMP
23. CYLINDER HEAD & BONNET
24. SUCTION MANIFOLD & AIR CLEANER
25. EXHAUST MANIFOLD & SILENCER
26. CAMSHAFT & DRIVING GEAR
27. CRANKSHAFT & PISTON

Fig.No. GROUP NAME

28. HYDRAULIC PUMP
29. LUB. OIL SYSTEM
30. COOLING WATER SYSTEM
31. RADIATOR
32. FUEL INJECTION PUMP
33. GOVERNOR
34. FUEL INJECTION VALVE
35. FUEL FILTER
36. FUEL TANK
37. STARTING MOTOR
38. GENERATOR
39. ELECTRICAL PARTS

## ENGINE RELATE SECTION

40. ENGINE MOUNTING
41. ENGINE MOUTING
42. ENGINE RELATED
43. ENGINE RELATED

## CHASSIS & CRAWLER SECTION

44. CHASSIS

## SNOW REMOVING SECTION

45. SNOW REMOVING FRAME
46. CHUTE
47. GEAR CASE
48. BLOWER
49. AUGER
68. (49A)CHUTE(ADDITIONAL ITEMS)

# CONTENTS

MODEL : YSR1820,2220(  
PC NO : 0CNP3-G33200

Fig.No. GROUP NAME

## BODY SECTION

- 50. COVERS
- 51. HYDRAULIC PIPING
- 52. POWER TRANSMISSION
- 53. PANEL & HANDLE
- 54. CONTROL LEVER
- 55. CONTROL LEVER

## ELECTRICAL PARTS SECTION

- 56. ELECTRICAL PARTS
- 57. ELECTRICAL PARTS

## LABELS & ACCESSORIES

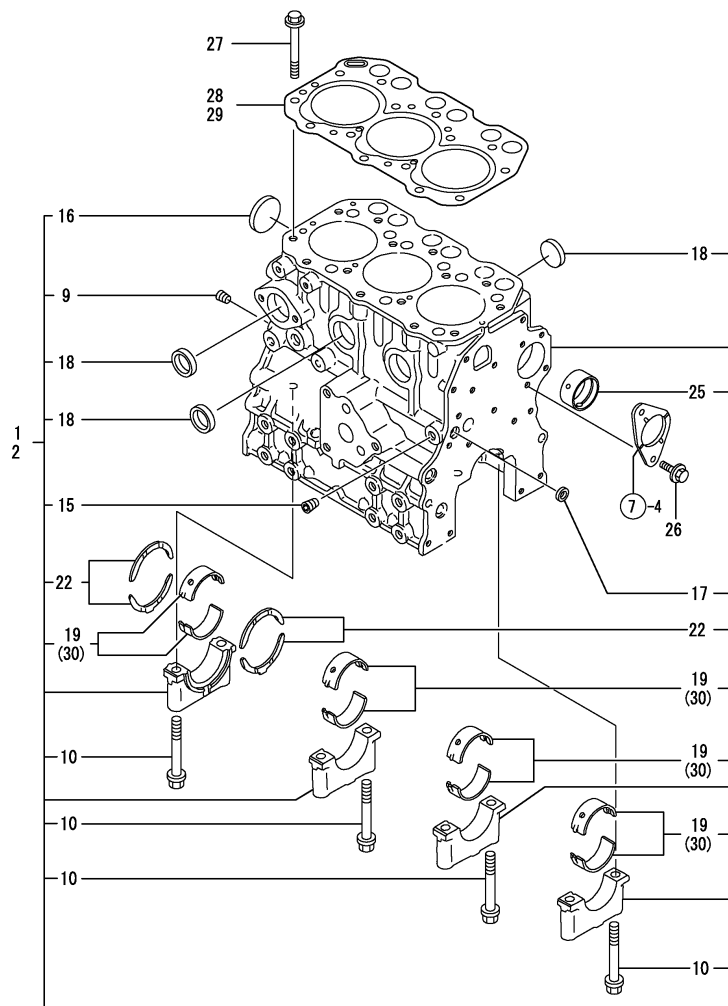
- 58. LABELS & ACCESSORIES
- 59. LABELS(PRODUCT LIABILITY)

## TRANSMISSION SECTION

- 60. STEERING BRAKE
- 61. TRANSMISSION CASE & AXLE CASE
- 62. INPUT SHAFT
- 63. MAIN SHAFT & COUNTERSHAFT
- 64. TRANSMISSION SHAFT
- 65. SIDE CLUTCH & SPROCKET SHAFTS
- 66. MAIN CHANGE
- 67. CUB-CHANGE & SIDE CLUTCH

Fig.No. GROUP NAME

Fig.1. CYLINDER BLOCK



OCNP3-G33200 1. CYLINDER BLOCK

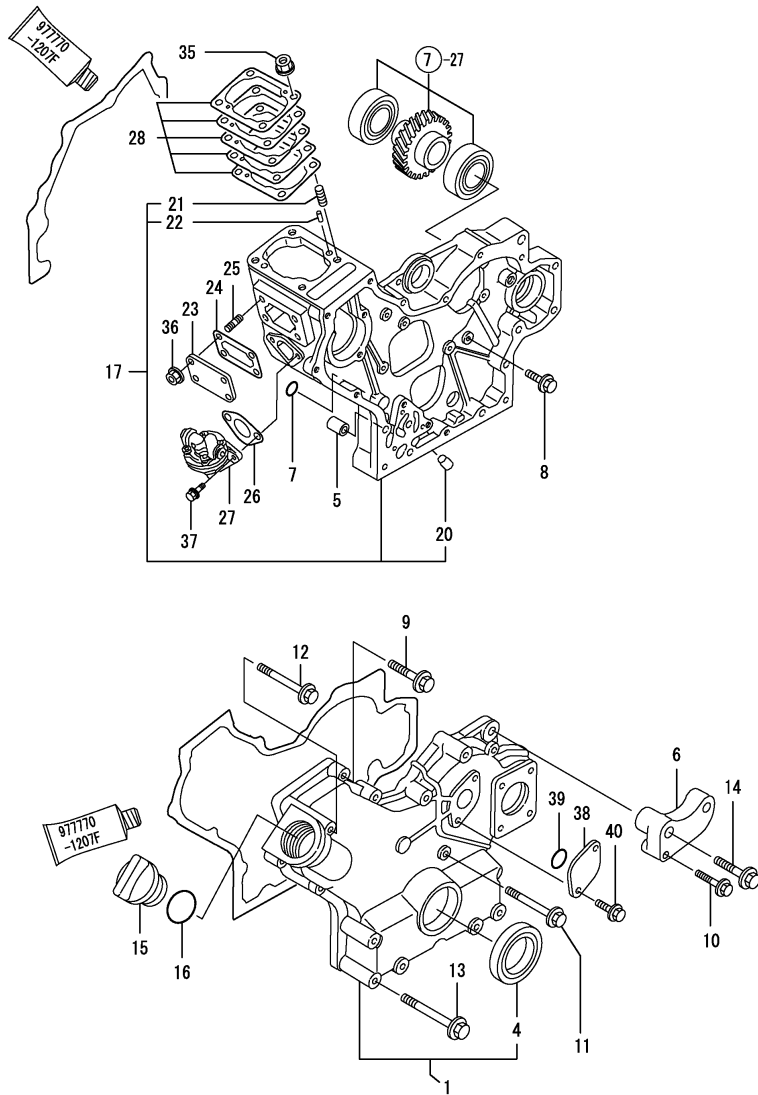
(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719610-01560	BLOCK ASSY, CYLINDER	1							
2	1	719623-01560	BLOCK ASSY, CYLINDER		1						
9	2	119600-01050	PLUG PT1/4	1	1						
10	2	119620-02020	BOLT	8	8						
15	2	23871-010000	PLUG PT1/8,SCREW	1	1						
I 15-1	2	23876-010000	PLUG PT1/8,SCREW	1	1						N
		(A=E3XXX) (B=E3XXX)									
16	2	27231-450000	PLUG 45	1	1						
I 16-1	2	119623-01250	PLUG 45	1	1						N
		(A=E3XXX) (B=E3XXX)									
17	2	27241-120000	PLUG 12	1	1						
18	2	27241-300000	PLUG 30	6	6						
19	2	719620-02800	MAIN BEARING	4	4						
22	2	719620-02930	BEARING, THRUST	2	2						
25	2	119620-02410	BUSH, CAMSHAFT	1	1						
25-1	2	119624-02410	BUSH	1	1						R
		(A=ED6801) (B=E31216)									
26	1	26106-060122	BOLT M 6X 12 PLATED	2	2						
27	1	119620-01200	BOLT, CYLINDER HEAD	14	14						
28	1	119620-01342	GASKET, (NON-ASB.)	1							
28-1	1	119620-01343	GASKET, CYL.HEAD	1							N
		(A=EB9194)									
29	1	119623-01330	GASKET, CYL. HEAD		1						
I 29-1	1	119623-01340	GASKET, CYL. HEAD		1						R
		(B=E41816)									
30	1	719620-02870	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-G33200 2. GEAR HOUSING

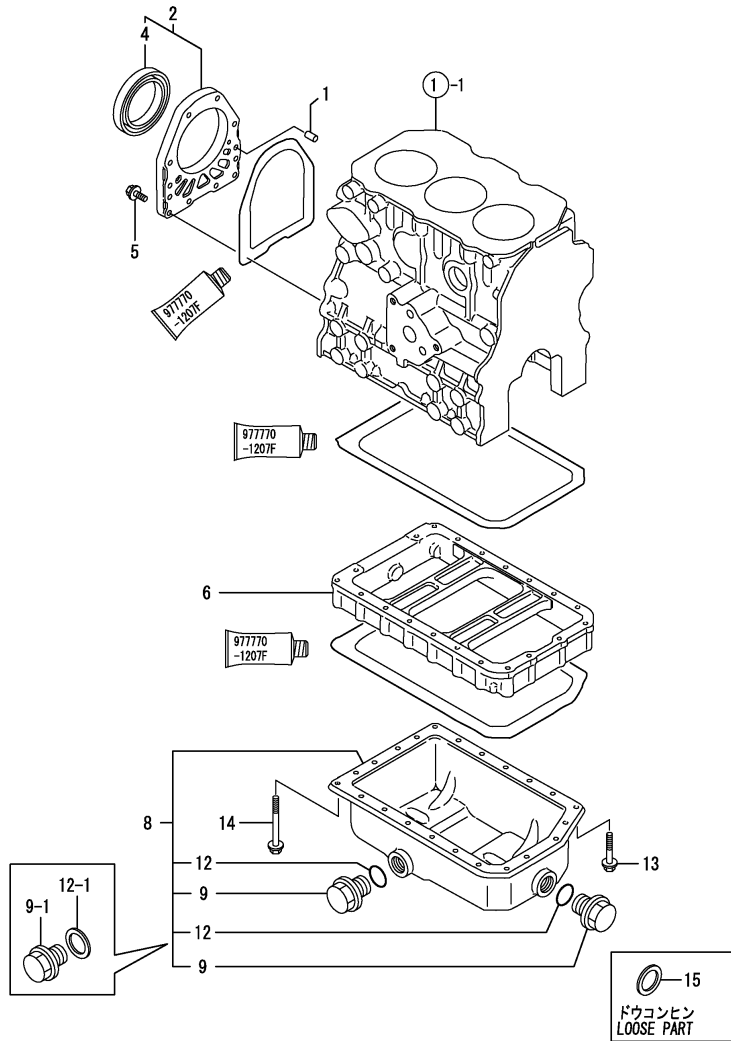
(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119660-01590	COVER ASSY, HOUSING	1	1						
4	2	119620-01800	SEAL, OIL	1	1						
5	1	119660-01911	PIPE, KNOCK	4	4						
6	1	119640-77250	BRACKET, GENERATOR	1	1						
7	1	24311-000120	O-RING 1A P 12.0	2	2						
I	7-1	119624-32040	O-RING P 12.0	2	2						N
		(A=ED9642) (B=E40180)									
8	1	26106-060162	BOLT M 6X 16 PLATED	7	7						
9	1	26106-060302	BOLT M 6X 30 PLATED	5	5						
10	1	26106-060502	BOLT M 6X 50 PLATED	1	1						
11	1	26106-060602	BOLT M 6X 60 PLATED	3	3						
12	1	26106-060602	BOLT M 6X 60 PLATED	1	1						
13	1	26106-060802	BOLT M 6X 80 PLATED	6	6						
14	1	26106-100602	BOLT M10X 60 PLATED	1	1						
15	1	124160-01751	COVER, FILLER	1	1						
I	16	24311-000320	O-RING 1A P-32.0	1	1						
17	1	119660-01492	HOUSING ASSY, GEAR	1	1						
20	2	119660-01510	PLUG 10X14	1	1						
21	2	121450-01560	STUD M 8X 22	4	4						
22	2	22351-040010	SPRING PIN 4X10	2	2						
23	1	119660-01551	COVER	1	1						
24	1	119660-01562	GASKET, (NON-ASB.)	1	1						
25	1	119660-01570	STUD M6X12	4	4						
26	1	121520-01851	GASKET, (NON-ASB.)	1	1						
27	1	119600-52021	PUMP ASSY, FUEL FEED	1	1						
28	1	119623-01950	SHIM PACK	1	1						
35	1	194990-22050	NUT W/WASHER 8	4	4						
36	1	26366-060002	NUT M 6	4	4						
37	1	26014-060202	BOLT M 6X 20	2	2						
38	1	121023-01550	COVER, BLIND	1	1						
39	1	24341-000240	O-RING 1A S-24.0	1	1						
40	1	26106-060182	BOLT M 6X 18 PLATED	2	2						
40-1	1	26106-060162	BOLT M 6X 16 PLATED	2	2						N
		(A=EXXX) (B=EXXX)									

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

Fig.3. OIL SUMP



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

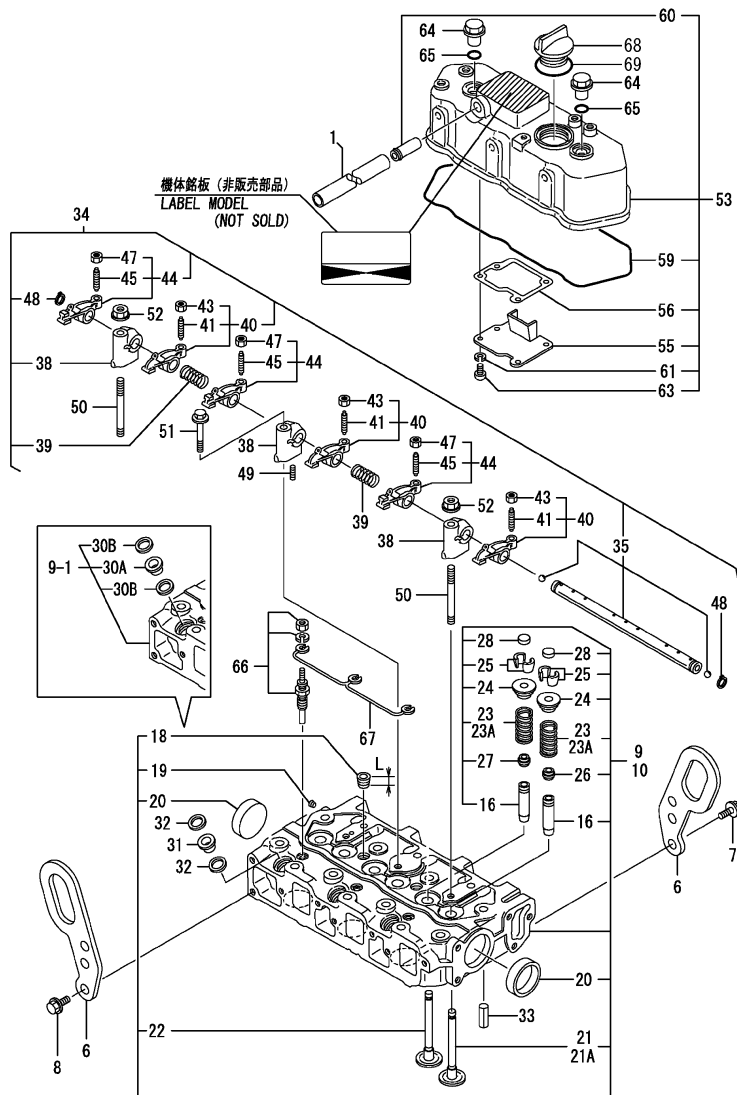
0CNP3-G33200 3. OIL SUMP

(A)=3TNA72-USR  
 (B)=3TNE74-USR  
 (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	119600-01722	SPACER, OIL SUMP	1	1						
8	1	119600-01770	SUMP ASSY, LUB. OIL	1	1						
9	2	171301-01640	PLUG M22	2	2						
I 9-1	2	119640-01640	DRAIN PLUG M22	1	1						S
		(A=EF7690) (B=E87164)									
12	2	24341-000250	O-RING 1A S-25.0	2	2						
I 12-1	2	22190-220002	SEAL WASHER 22S	1	1						S
		(A=EF7690) (B=E87164)									
13	1	26106-060122	BOLT M 6X 12 PLATED	3	3						
14	1	26106-060452	BOLT M 6X 45 PLATED	20	20						
I 15	1	22190-220002	SEAL WASHER 22S	1	1						W
		(A=EE1953) (B=E44954)									

Fig.4. CYLINDER HEAD & BONNET



Remarks

(1) REPAIR PART.  
 (2) L= REF.NO.18 6.5M/M, 18-1 11M/M.  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.4.

OCNP3-G33200 4. CYLINDER HEAD & BONNET

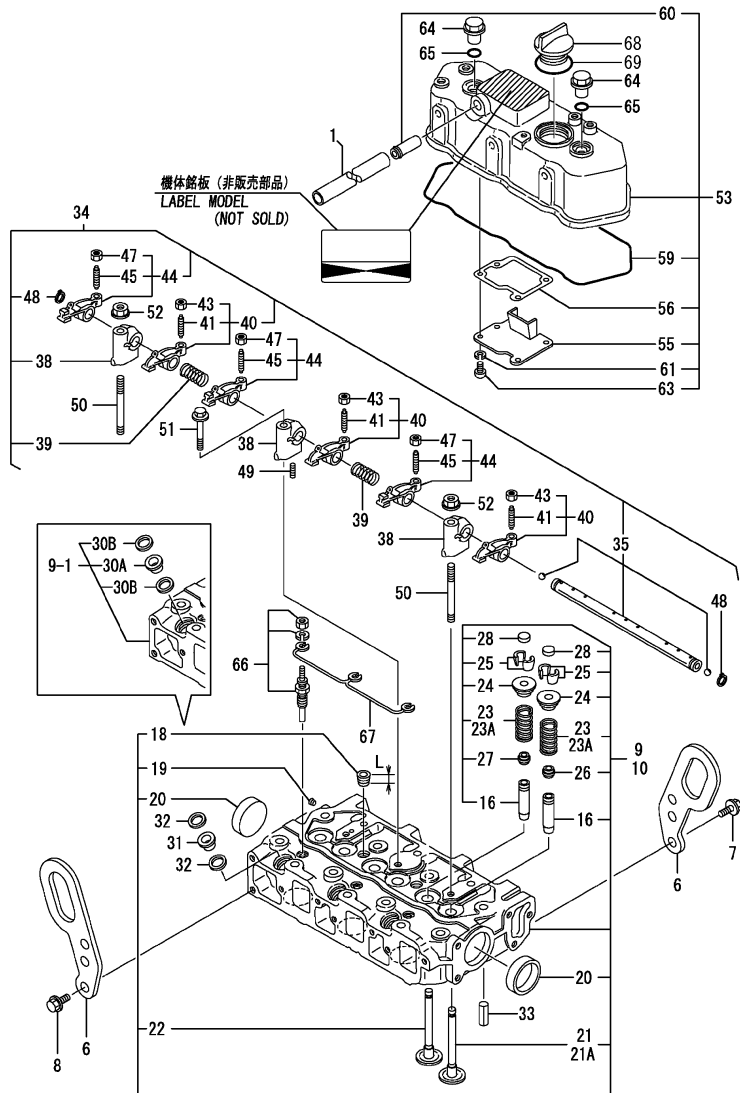
(A)=3TNA72-USR  
 (B)=3TNE74-USR  
 (C)=

(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						
6	1	119260-07900	LIFTER, ENGINE	2	2						
6-1	1	119626-07900	LIFTING, ENGINE	2	2						N
7	1	(A=EF7690) (B=E87164) 26106-080142	BOLT 8X 14 PLATED	1	1						
8	1	26106-080142	BOLT 8X 14 PLATED	2	2						
9	1	719660-11700	HEAD ASSY, CYLINDER	1							
9-1	1	119660-11700 (A=ED9642)	HEAD ASSY, CYLINDER	1							N
10	1	719623-11700	HEAD ASSY, CYLINDER		1						
16	2	119620-11801	GUIDE, VALVE	6	6						1
18	2	121850-11860	PLUG PT1/4	2	2						
18-1	2	23871-020000	PLUG PT1/4,SCREW	2	2						S 2
18-2	2	(A=E ) (B=E ) 23876-020000	PLUG PT1/4,SCREW	2	2						N
19	2	(A=EXXX) (B=EXXX) 27221-050080	PLUG 5X 8	1	1						
20	2	27241-400000	PLUG 40	2	2						
21	2	119620-11100	VALVE, SUCTION	3							
21A	2	119623-11100 (B=FROM 1ST)	VALVE, INTAKE		3						W
22	2	119620-11110	VALVE, EXHAUST	3	3						
23	2	119660-11120	SPRING, VALVE	6							
23A	2	119620-11120	SPRING, VALVE		6						W
24	2	(B=FROM 1ST) 119620-11180	RETAINER, SPRING	6	6						
25	2	27310-070001	COTTER ASSY	6	6						W
26	2	(A=EXXX) (B=EXXX) 124160-11340	SEAL, VALVE STEM(INT)	3	3						
27	2	124950-11340	SEAL, VALVE STEM(EXH)	3	3						
28	2	104211-11370	CAP, VALVE	6	6						
30A	2	119600-11450	PROTECTOR, NOZZLE	3							W
30B	2	(A=ED9642) 119600-11460	GASKET, NOZZLE		6						W
31	1	(A=ED9642) 119600-11450	PROTECTOR, NOZZLE	3	3						Z
32	1	(A=ED9642) 119600-11460	GASKET, NOZZLE	6	6						Z
33	1	22351-060012	SPRING PIN 6X12	2	2						
34	1	119620-11200	SUPPORT ASSY, ARM	1	1						
35	2	119620-11240	SHAFT ASSY, ROCKER	1	1						
38	2	119620-11260	SUPPORT, ROCKER ARM	3	3						
39	2	119620-11280	SPRING	2	2						
40	2	719620-11650	ARM ASSY, ROCKER	3	3						
41	3	105010-11230	SCREW, VALVE	3	3						
43	3	26756-060002	LOCK NUT 6	3	3						
43-1	3	26856-060002	LOCK NUT 6	3	3						N
44	2	(A=ED6801) (B=E31216) 719620-11660	ARM ASSY, ROCKER	3	3						
45	3	105010-11230	SCREW, VALVE	3	3						



Fig.4. CYLINDER HEAD & BONNET



Remarks  
 (1) REPAIR PART.  
 (2) L= REF.NO.18 6.5M/M, 18-1 11M/M.  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.4.

OCNP3-G33200 4. CYLINDER HEAD & BONNET

(A)=3TNA72-USR  
 (B)=3TNE74-USR  
 (C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
47	3	26756-060002	LOCK NUT 6	3	3						
47-1	3	26856-060002	LOCK NUT 6	3	3						N
		(A=ED6801) (B=E31216)									
48	2	22242-000120	CIRCLIP 12	2	2						
49	2	26979-050162	SCREW M 5X16	1	1						
50	1	119620-11350	STUD	2	2						
51	1	26106-080452	BOLT M 8X 45 PLATED	1	1						
52	1	26366-080002	NUT M 8	2	2						
52-1	1	26306-080002	NUT	2	2						N
		(A=EXXX) (B=EXXX)									
53	1	119620-11330	BONNET ASSY, HEAD	1	1						
53-1	1	719620-11521	BONNET ASSY, HEAD	1	1						N
		(A=EE0798) (B=E41816)									
55	2	119620-03020	PLATE, SHELTER	1	1						
56	2	119620-03031	GASKET, PLATE	1	1						
59	2	119620-11310	GASKET, BONNET	1	1						
60	2	119620-11390	JOINT	1	1						
60-1	2	118400-03060	JOINT, BREATHER	1	1						R
		(A=ED6801) (B=E31216)									
61	2	22217-050000	SPRING WASHER 5	4	4						Z
		(A=ED1230) (B=E29598)									
63	2	26557-050102	SCREW M 5X 10	4	4						
63-1	2	22857-500100	SCREW 5X10,TAPPING	4	4						R
		(A=ED1230) (B=E29598)									
64	1	124160-11360	KNOB	2	2						
65	1	24311-000120	O-RING 1A P 12.0	2	2						
66	1	129155-77801	PLUG, GLOW	3	3						
67	1	119620-77820	CONNECTOR, GLOW PLUG	1	1						
68	1	124160-01751	COVER, FILLER	1	1						
69	1	24311-000320	O-RING 1A P-32.0	1	1						

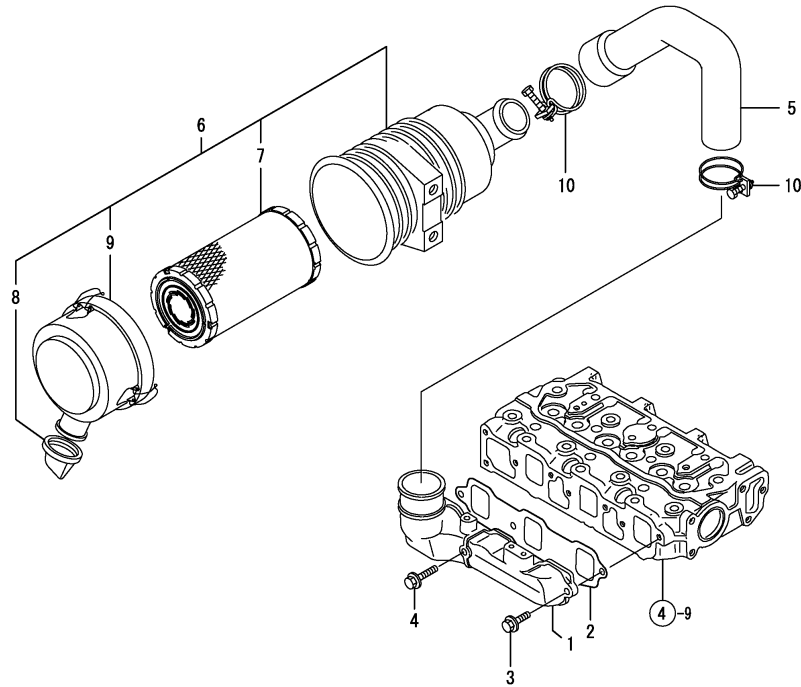
Fig.5. SUCTION MANIFOLD & AIR CLEANER

0CNP3-G33200 5. SUCTION MANIFOLD & AIR CLEANER

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

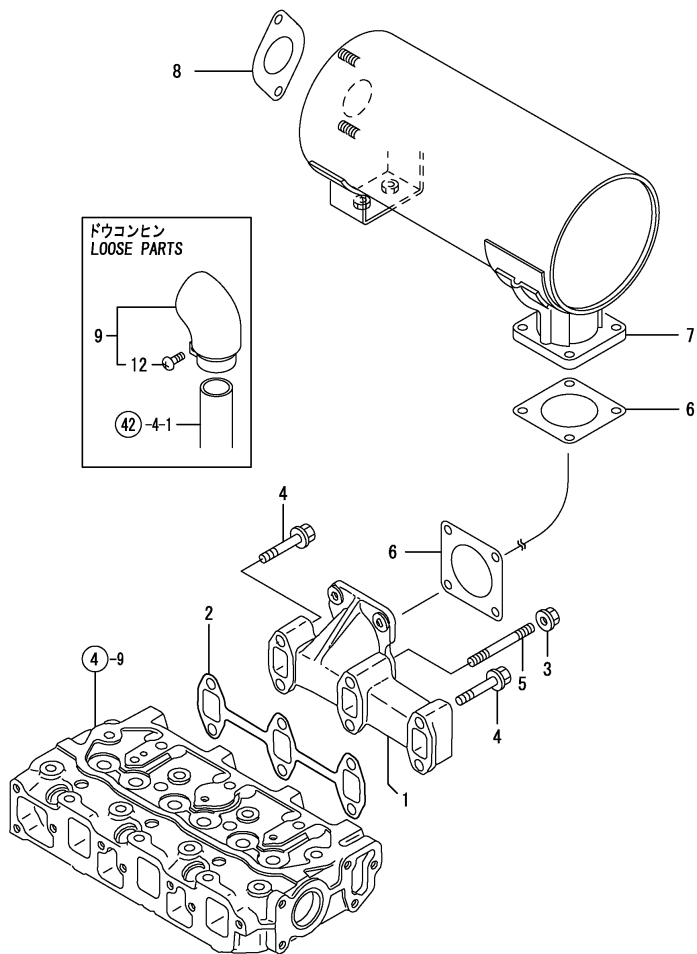
(D)=  
(E)=  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119660-12101	MANIFOLD,AIR INTAKE	1	1						
2	1	119660-12111	GASKET, SUC.MANIFOLD	1	1						
3	1	26106-060162	BOLT M 6X 16 PLATED	2	2						
4	1	26106-060402	BOLT M 6X 40 PLATED	1	1						
5	1	119666-12010	PIPE, AIR INTAKE	1	1						
6	1	119866-12510	AIR CLEANER	1	1						
7	2	119808-12520	ELEMENT, OUTER	1	1						
8	2	119808-12540	VALVE, UNLOADER	1	1						
9	2	119866-12540	COVER ASSY	1	1						
10	1	23000-060000	CLAMP 60	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-G33200 6. EXHAUST MANIFOLD & SILENCER

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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

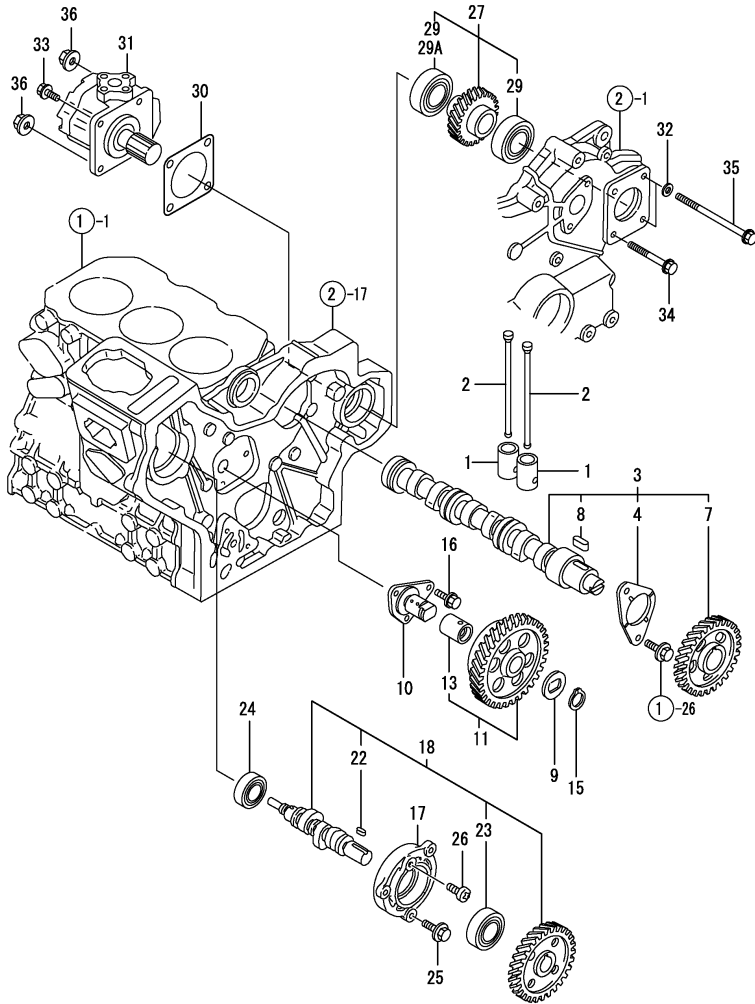
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119600-13100	MANIFOLD, EXHAUST	1	1						
2	1	119620-13110	GASKET, EXH.MANIFOLD	1	1						
3	1	194990-22050	NUT W/WASHER 8	2	2						
3-1	1	26366-080002	NUT M 8	2	2						R
		(A=EXXX) (B=EXXX)									
I 3-2	1	26306-080002	NUT	2	2						N
		(A=EXXX) (B=EXXX)									
4	1	26106-080402	BOLT M 8X 40 PLATED	4	4						
I 4-1	1	119802-13600	BOLT M 8X 40 PLATED	4	4						R
		(A=EF5866) (B=E79421)									
5	1	26216-080552	STUD M 8X 55 PLATED	2	2						
I 5-1	1	129054-13210	STUD, M8X55	2	2						R
		(A=EF5866) (B=E79421)									
6	1	124701-11911	GASKET, (NON-ASB.)	2	2						
7	1	129065-13500	SILENCER	1	1						
8	1	129107-13550	GASKET, NOZZLE	1	1						
9	1	105198-13610	PIPE, TAIL	1	1						W
		(A=EC7854) (B=E27558)									
12	2	26554-060162	SCREW M 6X 16	1	1						W
		(A=EC7854) (B=E27558)									

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

Fig.7. CAMSHAFT & DRIVING GEAR

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

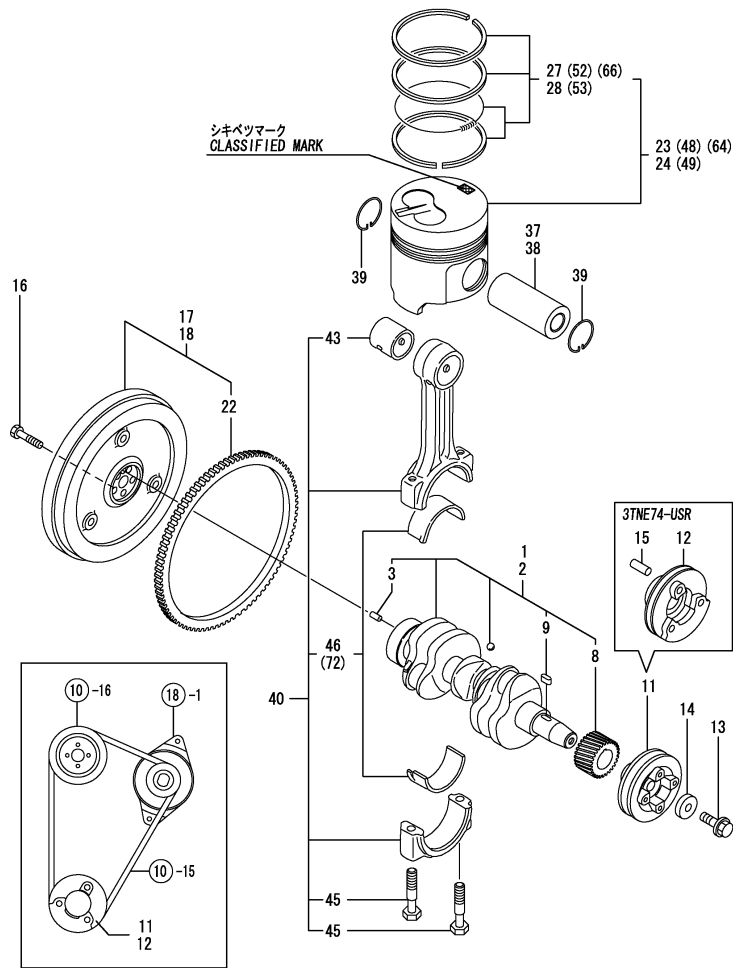
(D)=  
(E)=  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6	6						
2	1	119620-14401	ROD, PUSH	6	6						
3	1	119629-14580	CAMSHAFT ASSY	1	1						
4	2	119620-02450	BEARING, THRUST	1	1						
7	2	119620-14100	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	119620-25102	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	119660-01821	BEARING, FUEL CAM.	1	1						
18	1	719660-14590	CAM ASSY, F.I. PUMP	1	1						
22	2	22512-040120	KEY 4X 12	1	1						
23	2	24102-063034	BALL BEARING 6303U	1	1						
24	1	24101-062034	BALL BEARING	1	1						
25	1	26106-060162	BOLT M 6X 16 PLATED	3	3						
26	1	26587-080102	SCREW M 8X 10	1	1						
27	1	119650-26000	GEAR ASSY, HYD.PUMP	1	1						
27-1	1	119650-26001	GEAR ASSY, HYDR.PUMP	1	1						N
		(A=EC7854) (B=E27558)									
29	2	129350-26490	BALL BEARING	2	2						
29-1	2	129350-26490	BALL BEARING	1	1						K
		(A=EC7854) (B=E27558)									
29A	2	24104-060054	BALL BEARING	1	1						W
		(A=EC7854) (B=E27558)									
30	1	124240-01883	GASKET, (NON-ASB.)	1	1						
31	1	119462-26020	PUMP, HYDRAULIC OIL	1	1						
32	1	22137-080000	WASHER 8, POLISHED	2	2						
33	1	26106-080202	BOLT M 8X 20 PLATED	1	1						
34	1	26106-080752	BOLT M 8X 75 PLATED	1	1						
35	1	26116-081302	BOLT M 8X130 PLATED	2	2						
36	1	26366-080002	NUT M 8	3	3						
I 36-1	1	26306-080002	NUT	3	3						N
		(A=EXXX) (B=EXXX)									

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) OVER-SIZE(O.S=0.50)PART.  
 (4) UNDER-SIZE(U.S=0.25)PART.  
 (5) CERTAIN THE CLASSIFICATION MARK,  
 THEN PLACE YOUR ORDER(REF.TO  
 ILLUSTRATION).  
 <72>= REF.NO.23,27.  
 <N>= REF.NO.23-1,27-1.

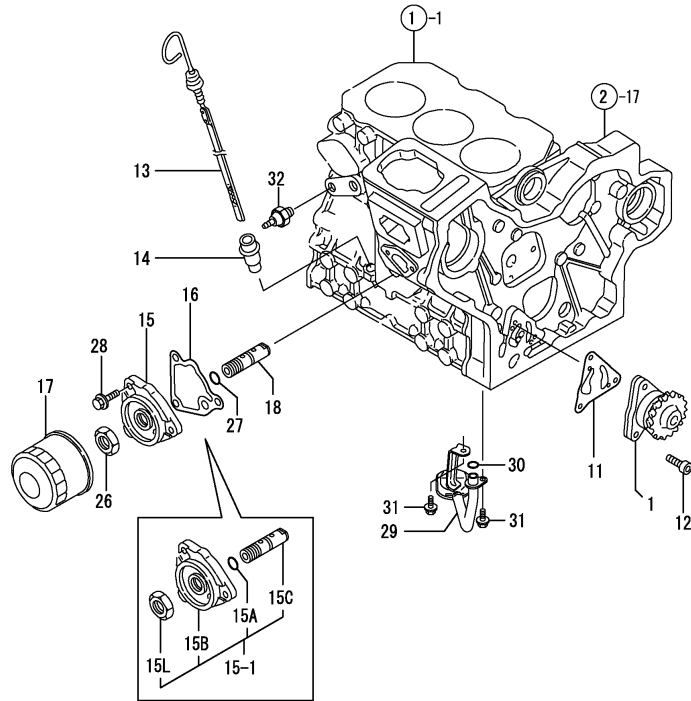
OCNP3-G33200 8. CRANKSHAFT & PISTON

(A)=3TNA72-USR  
 (B)=3TNE74-USR  
 (C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719660-21700	CRANKSHAFT ASSY	1							
I 1-1	1	119640-21700	CRANKSHAFT ASSY	1							R
(A=EE1953)											
2	1	119623-21700	CRANKSHAFT ASSY		1						
3	2	129100-01580	PARALLEL PIN 8X16	1	1						
8	2	119644-21200	CRANKGEAR	1	1						
9	2	22512-040120	KEY 4X 12	1	1						
11	1	119649-21650	V-PULLEY	1							
12	1	119653-21650	PULLY_CRANKSHAFT		1						
13	1	119621-21680	BOLT M12X1.25,FLANGE	1	1						
14	1	119620-21941	WASHER	1	1						
15	1	22351-030012	SPRING PIN 3X12		1						
16	1	119620-21500	BOLT, FLYWHEEL	5	5						
17	1	119656-21591	FLYWHEEL W/RING GEAR	1							
18	1	119666-21590	FLYWHEEL ASSY		1						
22	2	129350-21600	GEAR, RING	1	1						
I 23	1	119620-22090	PISTON W/RINGS	3							5
I 23-1	1	119620-22080	PISTON W/RINGS	3							N 5
(A=EE1953)											
24	1	119623-22080	PISTON W/RING		3						
I 27	2	719620-22500	RING SET	3							5
I 27-1	2	119620-22500	RING SET	3							S 5
(A=EE1953)											
28	2	119623-22500	RING SET,PISTON		3						
37	1	119620-22300	PIN, PISTON	3							
38	1	114350-22301	PIN, PISTON D=21		3						
I 38-1	1	114399-22300	PISTON PIN		3						R
(B=E47881)											
39	1	22252-000210	CIRCLIP 21	6	6						
40	1	719620-23100	ROD ASSY, CONNECTING	3	3						
43	2	119620-23910	BUSH, PISTON PIN	3	3						1
45	2	105225-23200	BOLT, ROD	6	6						
46	2	719620-23600	BEARING, CRANKPIN	3	3						
48	1	119620-22900	PISTON W/RING OS=.25	3							2
I 48-1	1	119620-22910	PISTON W/RING OS=.25	3							N 2
(A=EE1953)											
49	1	119623-22900	PISTON ASSY(O.S=0.25)		3						2
52	2	119620-22950	RING SET O.S=0.25	3							2
I 52-1	2	119628-22950	RING SET O.S=0.25	3							S 2
(A=EE1953)											
53	2	119623-22950	RING COMP.,0.25 O.S.		3						2
64	1	119620-22920	PISTON W/RING OS=0.5	3							3
I 64-1	1	119620-22930	PISTON ASSY(OS=0.50)	3							N 3
(A=EE1953)											
66	2	119620-22970	RING SET O.S=0.5	3							3
I 66-1	2	119620-22980	RING SET(O.S=0.50)	3							S 3
(A=EE1953)											
72	1	719620-23610	BEARING,PIN U.S=0.25	3	3						4

Fig.9. LUB. OIL SYSTEM



0CNP3-G33200 9. LUB. OIL SYSTEM

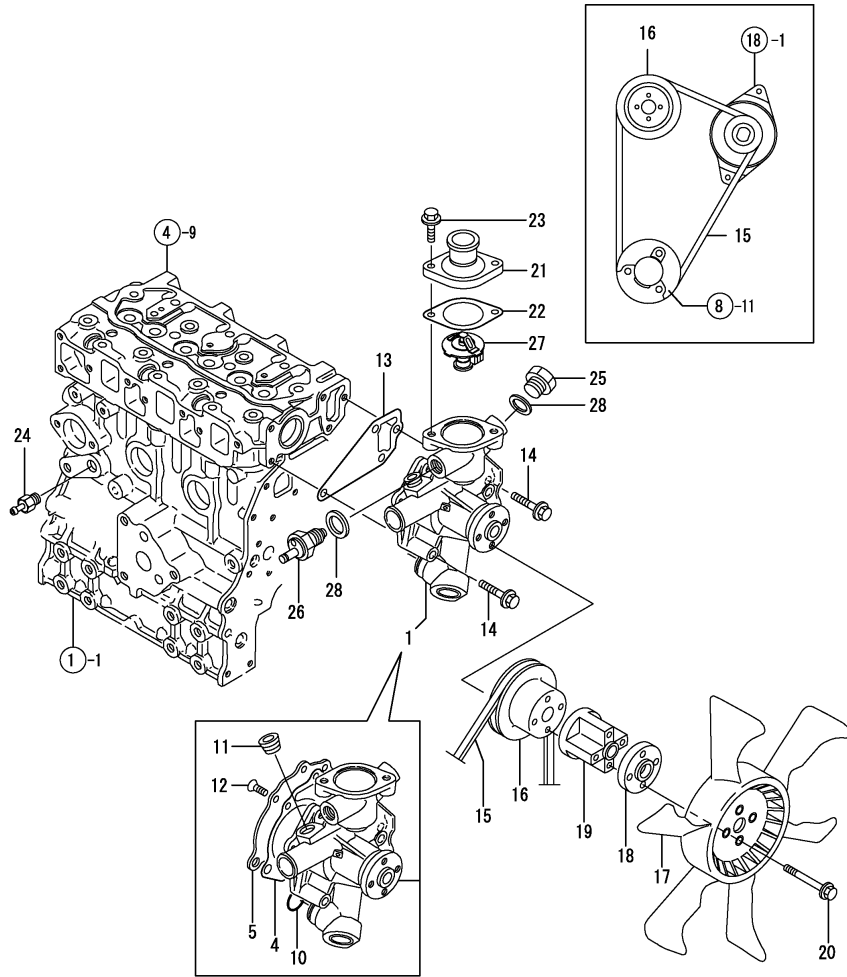
(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119660-32001	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	119600-34820	DIPSTICK, LUB. OIL	1	1						
14	1	121520-34810	GUIDE, DIPSTICK	1	1						
15	1	119660-35102	BRACKET, OIL FILTER	1	1						
I	15-1	119609-35000	BRACKET, L.O.FILTER	1	1						N
		(A=EF1657) (B=E67992)									
I	15A	119609-32040	O-RING P16	1	1						W
		(A=EF1657) (B=E67992)									
I	15B	119660-35102	BRACKET, OIL FILTER	1	1						W
		(A=EF1657) (B=E67992)									
I	15C	119609-35300	VALVE ASSY,OIL PRESS	1	1						W
		(A=EF1657) (B=E67992)									
I	15L	129150-35350	NUT	1	1						W
		(A=EF1657) (B=E67992)									
16	1	119660-35113	GASKET, (NON-ASB.)	1	1						
17	1	119305-35150	FILTER, LUB. OIL	1	1						
I	17-1	119305-35151	FILTER ASSY, LUB.OIL	1	1						R
		(A=EF5866) (B=E79412)									
I	18	119660-35300	VALVE ASSY,OIL PRESS	1	1						Z
		(A=EF1657) (B=E67992)									
I	26	129150-35350	NUT	1	1						Z
		(A=EF1657) (B=E67992)									
I	27	24311-000160	O-RING 1A P-16.0	1	1						Z
		(A=EF1657) (B=E67992)									
28	1	26106-080202	BOLT M 8X 20 PLATED	3	3						
29	1	119600-35091	PIPE ASSY,OIL INTAKE	1	1						
30	1	24311-000120	O-RING 1A P 12.0	1	1						
30-1	1	24311-000110	O-RING 1A P-11.0	1	1						R
		(A=EXXX) (B=EXXX)									
30-2	1	119209-35030	O-RING	1	1						N
		(A=EC7854) (B=E27558)									
31	1	26106-060102	BOLT 6X 10 PLATED	2	2						
32	1	124160-39450	SWITCH, OIL PRESSURE	1	1						
I	32-1	114250-39450	SWITCH,(0.5KG)L.O.	1	1						N
		(A=EE1107) (B=E44954)									

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

Fig.10. COOLING WATER SYSTEM



OCNP3-G33200 10. COOLING WATER SYSTEM

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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

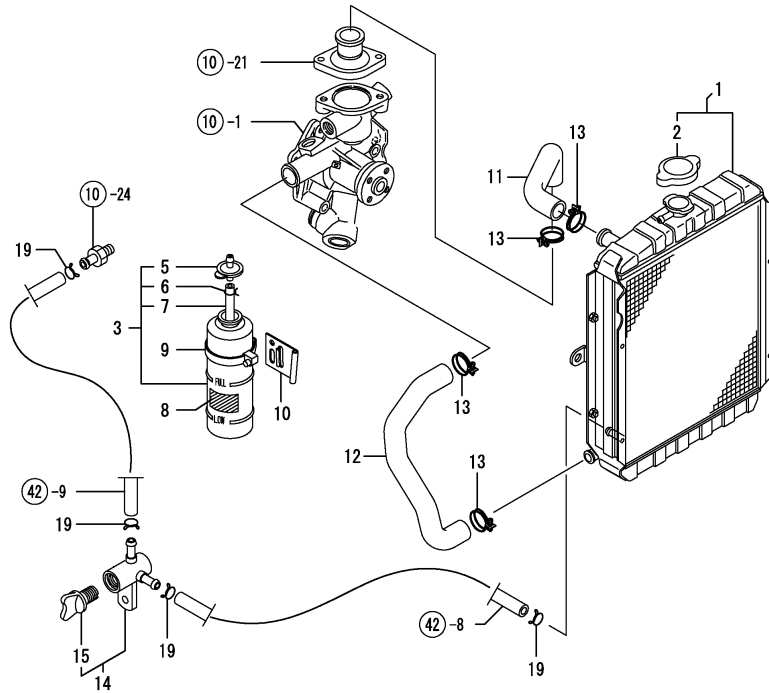
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119660-42004	PUMP ASSY,CW(NON-ASB	1	1						
1-1	1	119660-42005	PUMP ASSY, C.WATER	1	1						N
		(A=EB6003) (B=E21311)									
I	1-2	1 119660-42006	PUMP ASSY, WATER	1	1						N
		(A=EE0798) (B=E41816)									
I	1-3	1 119660-42007	PUMP ASSY, C.W.	1	1						N
		(A=EE2663) (B=E47881)									
I	1-4	1 119660-42008	PUMP ASSY, C.WATER	1	1						N
		(A=EF7178) (B=E82806)									
I	4	2 119660-42052	GASKET, (NON-ASB.)	1	1						
I	5	2 119660-42121	PLATE	1	1						
	10	2 119620-42320	O-RING	1	1						
I	10-1	2 119609-42320	O-RING	1	1						N
		(A=EE2663) (B=E47881)									
	11	2 23871-030000	PLUG PT3/8,SCREW	1	1						
I	11-1	2 23876-030000	PLUG PT3/8,SCREW	1	1						N
		(A=EXXX) (B=EXXX)									
I	12	2 26577-060142	SCREW M 6X 14	5	5						
I	12-1	2 26577-060122	SCREW M 6X 12	5	5						N
		(A=EE2663) (B=E47881)									
	13	1 119620-42020	GASKET, C.W. PUMP	1	1						
I	13-1	1 119620-42021	GASKET, C.W. PUMP	1	1						N
		(A=EE1953) (B=E44954)									
	14	1 26106-080452	BOLT M 8X 45 PLATED	4	4						
	15	1 119640-42290	V-BELT FM36.5	1	1						
	16	1 119642-42350	V-PULLEY	1	1						
	17	1 171340-44740	FAN, COOLING	1	1						
	18	1 119256-44760	SPACER	1	1						
	19	1 171009-44760	SPACER	1	1						
	20	1 26106-060652	BOLT M 6X 65 PLATED	4	4						
	21	1 129350-49530	COVER, THERMOSTAT	1	1						
	22	1 129350-49541	GASKET, (NON-ASB.)	1	1						
	23	1 26106-080202	BOLT M 8X 20 PLATED	2	2						
	24	1 121550-49111	JOINT PT1/4	1	1						
	25	1 121450-42450	PLUG M16	1	1						
	26	1 121250-44901	SWITCH, THERMO(110 C	1	1						
	27	1 129350-49800	THERMOSTAT (71C	1	1						
	28	1 124465-44950	GASKET 16	2	2						

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

Fig.11. RADIATOR

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171440-44500	RADIATOR	1	1						
2	2	123682-44210	CAP	1	1						
3	1	124450-44510	SUB-TANK ASSY	1	1						
5	2	124450-44530	CAP	1	1						
6	2	124450-44560	CLAMP	1	1						
7	2	23061-070230	PIPE 7X 230	1	1						
8	1	121470-44540	LABEL, SUB-TANK	1	1						
9	1	124450-44550	CLAMP, SUB-TANK	1	1						
10	1	121256-44600	BRACKET, SUB-TANK	1	1						
11	1	119645-49010	PIPE (A), C. WATER	1	1						
11-1	1	119655-49010	PIPE (A), C. WATER	1	1						N
		(A=EA9546) (B=E17408)									
12	1	119645-49020	PIPE (B), C. WATER	1	1						
13	1	23010-038000	CLAMP 38	4	4						
14	1	129150-49100	COCK ASSY, 3-WAY	1	1						
15	2	129150-49080	COCK, DRAIN	1	1						
19	1	23000-013000	CLAMP 13	4	4						

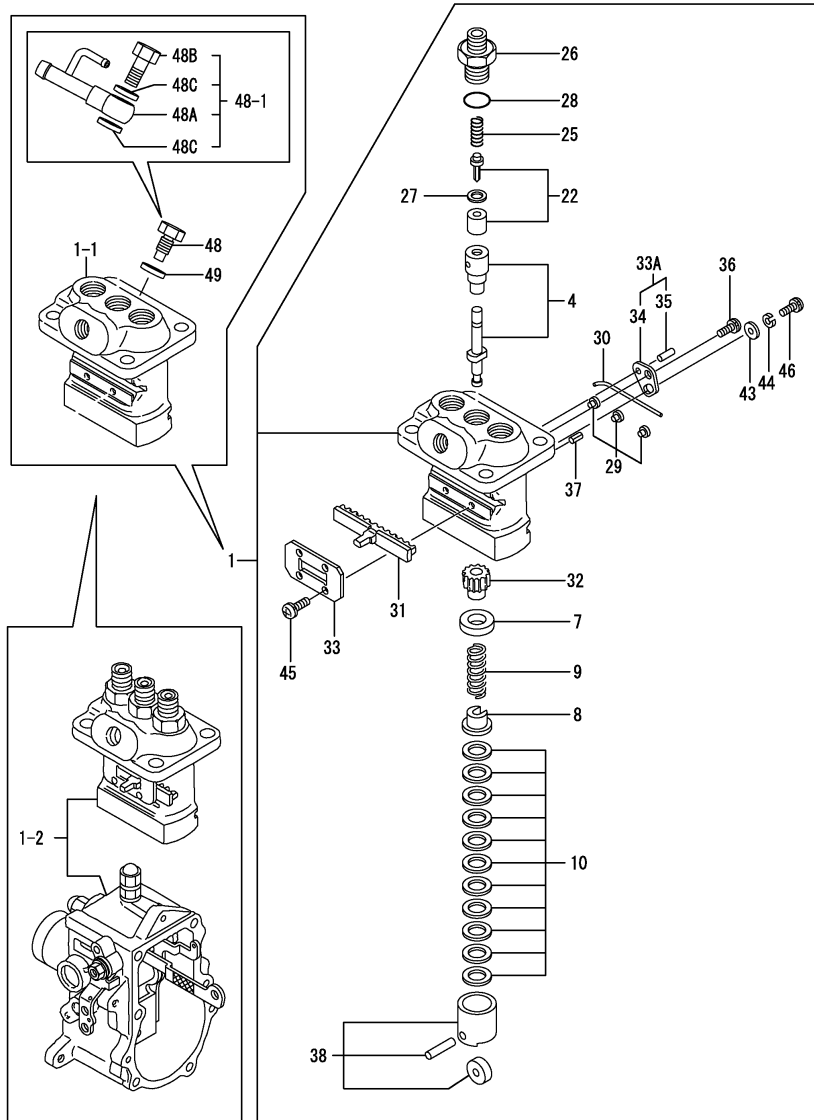
Remarks  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.4.



Fig.12. FUEL INJECTION PUMP

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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



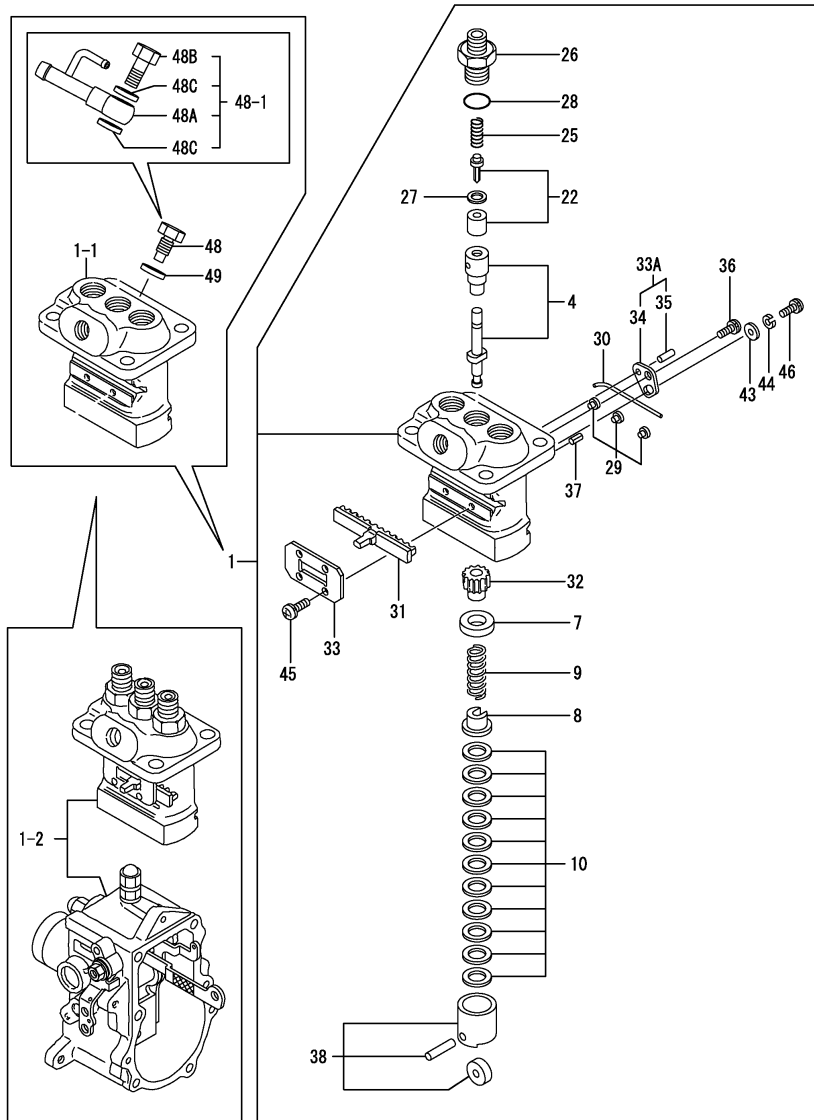
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719621-51100	PUMP ASSY, F.INJECT.	1	1						
I	1-1	719624-51100 (A=EE1953) (B=E44954)	FOP ASSY	1	1						N
I	1-2	719655-51710 (A=EF0729) (B=E67500)	PUMP ASSY,INJECTION	1	1						N
4	2	119620-51101	PLUNGER W/BARREL	3	3						
7	2	119620-51170	RETAINER	3	3						
8	2	119620-51180	RETAINER	3	3						
9	2	119620-51190	SPRING, PLUNGER	3	3						
10	2	119620-51250	SHIM PACK	3	3						
22	2	119620-51300	VALVE W/SEAT, DELIV.	3	3						
25	2	105546-51330	SPRING, DELIV. VALVE	3	3						
26	2	119620-51340	HOLDER, DELIV. VALVE	3	3						
27	2	119620-51350	GASKET, DELIVERY	3	3						
28	2	119620-51370	O-RING	3	3						
29	2	119620-51450	GUIDE, PLUNGER	3	3						
30	2	119620-51461	PIN	1	1						
31	2	119660-51500	RACK	1	1						
32	2	119620-51510	PINION	3	3						
33	2	119660-51530	RETAINER, RACK	1	1						
I	33A	119620-51640 (A=EXXX) (B=EXXX)	PLATE ASSY,ADJUSTING	2	2						W
I	34	3 119620-51650	PLATE	2	2						
I	35	3 119620-51670	PIN	2	2						
I	36	2 119620-51660	SCREW	2	2						
	37	2 119620-51680	PIN	1	1						
	38	2 119620-51700	TAPPET ASSY	3	3						
I	43	2 22137-040000 (A=EXXX) (B=EXXX)	WASHER 4, POLISHED	2	2						Z
I	44	2 22217-040000 (A=EXXX) (B=EXXX)	SPRING WASHER 4	2	2						Z
	45	2 26022-040082	SCREW M 4X 8	4	4						
	46	2 26587-040102	SCREW M 4X 10	2	2						
I	46-1	2 26033-040102 (A=EXXX) (B=EXXX)	SCREW M 4X 10	2	2						R
I	48	1 119266-51900 (A=EE1953) (B=E44954)	BOLT	1	1						W
I	48-1	1 119266-59501 (A=EF0729) (B=E67500)	PIPE JOINT ASSY	1	1						S
I	48-2	1 119266-59501 (A=EF2066) (B=E68679)	PIPE JOINT ASSY	1	1						Z
I	48A	2 119266-59570 (A=EF0729) (B=E67500)	JOINT	1	1						W
I	48A-1	2 119266-59570 (A=EF2066) (B=E68679)	JOINT	1	1						Z
I	48B	2 119266-59580 (A=EF0729) (B=E67500)	BOLT 8,PIPE JOINT	1	1						W
I	48B-1	2 119266-59580 (A=EF2066) (B=E68679)	BOLT 8,PIPE JOINT	1	1						Z
I	48C	2 22190-080002 (A=EF0729) (B=E67500)	SEAL WASHER 8S	2	2						W

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

Fig.12. FUEL INJECTION PUMP

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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



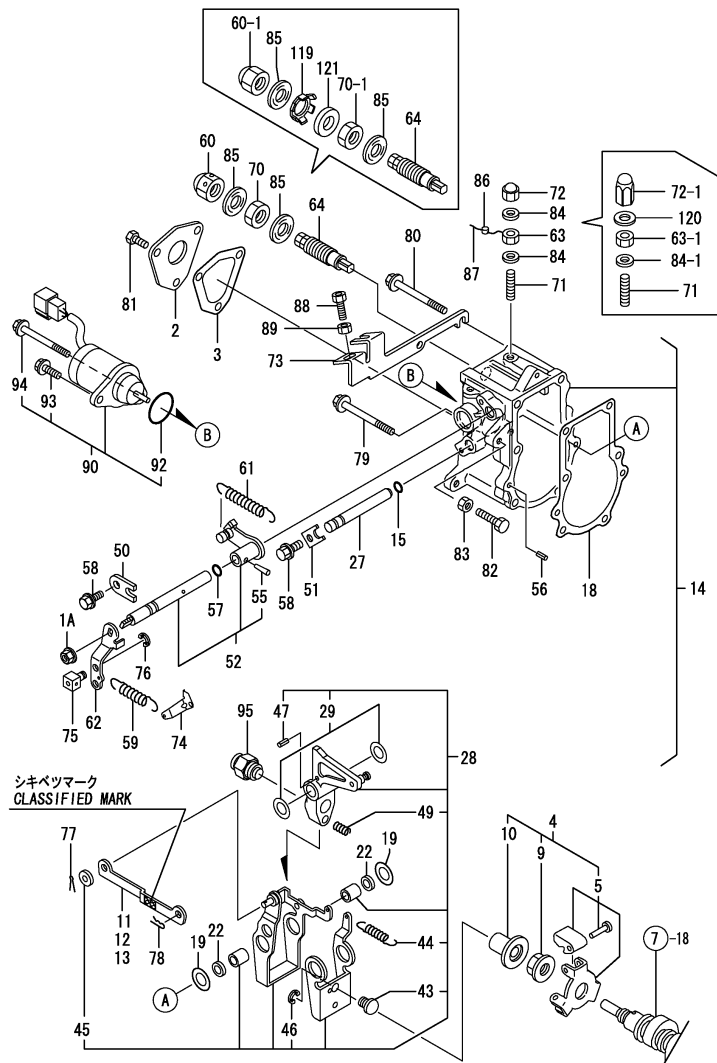
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	48C-1	2	22190-080002 SEAL WASHER 8S	2	2						Z
		(A=EF2066)	(B=E68679)								
I	49	1	22190-080002 SEAL WASHER 8S	1	1						W
		(A=EE1953)	(B=E44954)								
I	49-1	1	22190-080002 SEAL WASHER 8S	1	1						Z
		(A=EF0729)	(B=E67500)								

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

Fig.13. GOVERNOR

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

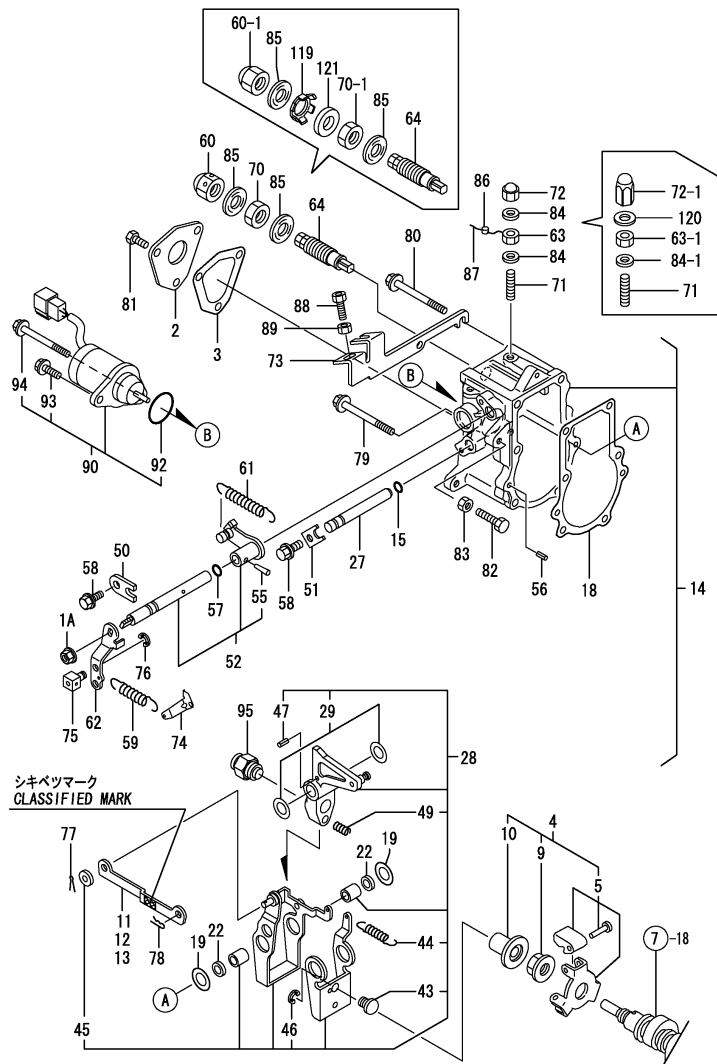
(D)=  
(E)=  
(F)=



Remarks  
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REF. TO ILLUSTRATION) (REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.4.

REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	QTY	I	R
I	1A	1 194990-22050	NUT W/WASHER 8	1	1							
I	1A-1	1 26366-080002	NUT M 8	1	1							N
		(A=EXXX) (B=EXXX)										
	2	1 119660-61060	COVER, GOVERNOR CASE	1	1							
	3	1 119660-61071	GASKET, (NON-ASB.)	1	1							
	4	1 119600-61100	DRIVING SET, GOV.	1	1							
	5	2 119600-61200	WEIGHT ASSY, GOV.	1	1							
	9	2 119660-61300	NUT, GOVERNOR WEIGHT	1	1							
	10	2 119660-61341	SLEEVE, GOVERNOR	1	1							
	11	1 119660-61121	LINK L=88.8(NO COLOR)	1	1							1
I	11-1	1 119660-61122	LINK L=88.8(NO COLOR)	1	1							R 1
		(A=EF7178) (B=E85849)										
	12	1 119660-61140	LINK L=88.6(WHITE)	1	1							1
I	12-1	1 119660-61141	LINK L=88.6(WHITE)	1	1							R 1
		(A=EF7178) (B=E85849)										
	13	1 119660-61150	LINK L=89.0(RED)	1	1							1
I	13-1	4 119660-61151	LINK L=89.0(RED)	1	1							R 1
		(A=EF7178) (B=E85849)										
	14	1 119632-61200	CASE ASSY, GOVERNOR	1	1							
	15	2 129155-51280	O-RING S6	1	1							
	18	2 119660-61052	GASKET, (NON-ASB.)	1	1							
I	18-1	2 119660-61053	GASKET, (NON-ASB.)	1	1							S 2
		(A=EF7178) (B=E85849)										
I	18-2	2 119660-61054	GASKET, (NON-ASB.)	1	1							R
		(A=EF7691) (B=E87164)										
	19	2 119660-61460	SHIM SET	1	1							
I	19-1	2 129156-61500	SHIM T=0.5	1	1							N
		(A=EF7178) (B=E85849)										
	22	2 129155-61480	SPACER ASSY	2	2							
I	22-1	2 119632-61500	SHIM SET	1	1							N
		(A=EF7178) (B=E85849)										
	27	2 119660-61491	SHAFT,GOVERNOR LEVER	1	1							
I	27-1	2 119660-61590	SHAFT	1	1							N
		(A=EXXX) (B=EXXX)										
	28	2 119232-61510	LEVER ASSY, GOVERNOR	1	1							
	29	3 174307-51700	SHIM SET	2	2							
	43	3 119600-61541	SHIFTER,P.T.O.	1	1							
	44	3 119660-61651	SPRING, STARTING	1	1							
	45	3 22117-040000	WASHER 4	1	1							
	46	3 22272-000040	CIRCLIP E- 4	1	1							
	47	3 22351-030014	SPRING PIN 3X14	1	1							
	49	3 119232-61540	SPRING, LEVER	1	1							
	50	2 119600-61900	RETAINER, SHAFT	1	1							
	51	2 119660-61901	RETAINER, SHAFT	1	1							
	52	2 119285-66080	SHAFT ASSY,REGULATOR	1	1							
	55	3 22322-030160	TAPER PIN 3X16	1	1							
	56	2 22351-040010	SPRING PIN 4X10	2	2							
	57	2 24341-000070	O-RING 1A S-7.0	1	1							
	58	2 26106-060102	BOLT 6X 10 PLATED	2	2							
	59	1 119840-61870	SPRING	1	1							
	60	1 129100-61930	NUT, CAP	1	1							

Fig.13. GOVERNOR



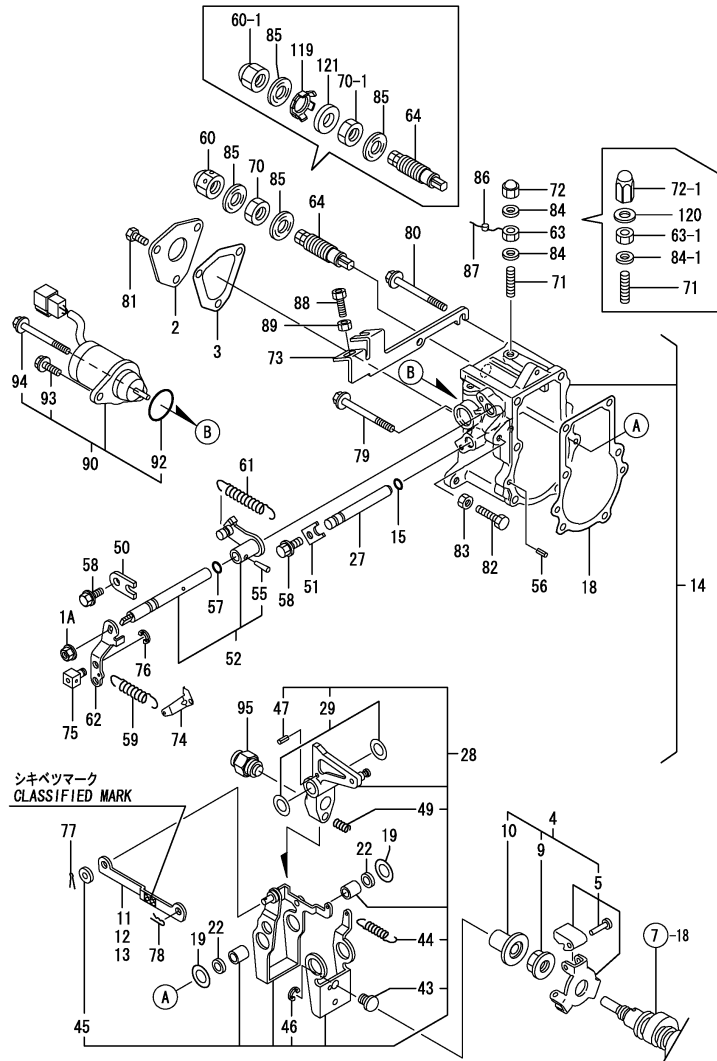
Remarks  
 (1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REF. TO ILLUSTRATION) (REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.4.

(A)=3TNA72-USR  
 (B)=3TNE74-USR  
 (C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	60-1	1	26687-120002 CAP NUT M12 (A=EF5182) (B=E76895)	1	1						S
	61	1	119600-66020 SPRING, REGULATOR	1	1						
	62	1	119621-66051 LEVER, REGULATOR	1	1						
	63	1	124550-66370 LOCK NUT M 6	1	1						
I	63-1	1	26857-060002 NUT (A=EF5182) (B=E76895)	1	1						S
	64	1	119600-66530 TORQUE SPRING ASSY	1	1						
	70	1	26776-120002 LOCK NUT M12 PLATED	1	1						
I	70-1	1	26736-120002 NUT M12 (A=EF2066) (B=E68679)	1	1						N
	71	1	121575-66830 SCREW, ADJUST	1	1						
	72	1	119600-66840 NUT, CAP	1	1						
I	72-1	1	119285-66600 CAPNUT M6 (A=EF5182) (B=E76895)	1	1						S
	73	1	119256-66900 SUPPORT, ACCEL WIRE	1	1						
	74	1	119656-66910 HOOK	1	1						
	75	1	124756-67510 RETAINER, WIRE	1	1						
	76	1	22272-000070 CIRCLIP E- 7	1	1						
	77	1	22360-040000 SNAP PIN 4	1	1						
	78	1	22360-060000 SNAP PIN 6	1	1						
	79	1	26106-060702 BOLT M 6X 70 PLATED	3	3						
	80	1	26106-060752 BOLT M 6X 75 PLATED	2	2						
	81	1	26116-050102 BOLT M 5X 10 PLATED	3	3						
I	81-1	1	26106-050102 BOLT M 5X 10 PLATED (A=EF7691) (B=E87164)	3	3						N
	82	1	26116-060304 BOLT M 6X 30 PLATED	1	1						
I	82-1	1	119266-61460 BOLT,LOW IDLE SET (A=EF5182) (B=E76895)	1	1						R
	83	1	26756-060002 LOCK NUT 6	1	1						
	84	1	22190-060003 SEAL WASER 6	2	2						
I	84-1	1	22190-060003 SEAL WASER 6 (A=EF5182) (B=E76895)	1	1						K
	85	1	22190-120002 SEAL WASHER 12	2	2						
I	86	1	135210-61090 LEAD (B=E76895)	1	1						Z
I	87	1	22451-060000 WIRE 0.6 (B=E76895)	1	1						Z
	88	1	102100-67080 BOLT, ADJUSTING	1	1						
	89	1	26756-060002 LOCK NUT 6	1	1						
	90	1	119653-66500 ENGINE STOP DEVICE	1	1						
I	90-1	1	119653-66550 SOLENOID ASSY, STOP (A=E76895) (B=E76895)	1	1						R
	92	2	24341-000280 O-RING 1A S-28.0	1	1						
	93	2	26106-060162 BOLT M 6X 16 PLATED	1	1						
I	93-1	2	121465-59950 BOLT M 6X 16, PLATED (A=E76895) (B=E76895)	1	1						N
	94	2	26106-060952 BOLT M 6X 95 PLATED	1	1						
I	94-1	2	119620-01530 SOLENOID, BOLT (A=EF4018) (B=E71790)	1	1						N
	95	1	119600-66720 ANGLEICH ASSY	1	1						

Fig.13. GOVERNOR



Remarks  
 (1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REF. TO ILLUSTRATION)  
 (REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.4.

(A)=3TNA72-USR  
 (B)=3TNE74-USR  
 (C)=

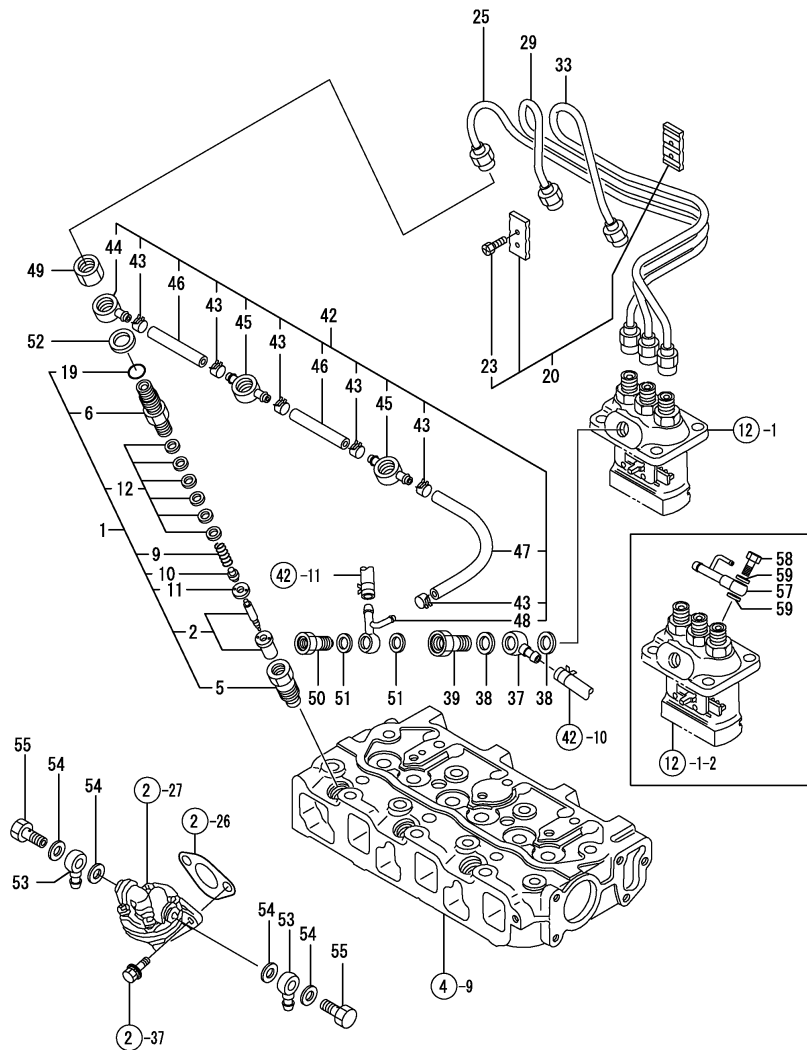
(D)=  
 (E)=  
 (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	119	1 129209-61970 (A=EF5182) (B=E76895)	PLATE	1	1						W
I	120	1 119285-66620 (A=EF5182) (B=E76895)	GASKET M6	1	1						W
I	121	1 23414-120016 (A=EF5182) (B=E76895)	GASKET 12	1	1						W

Fig.14. FUEL INJECTION VALVE

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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

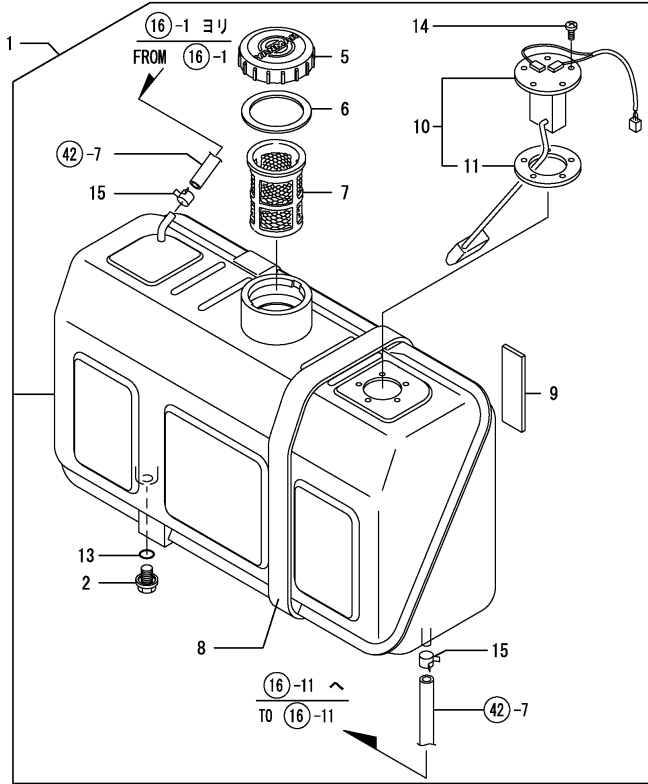


REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
I	1	1	719255-53100	FUEL INJECT.VALVE AS	3	3						
	2	2	119620-53000	NOZZLE ASSY,F.INJECT	3	3						
	5	2	119620-53080	NUT, VALVE W/CASE	3	3						
	6	2	119255-53100	HOLDER,NOZZLE	3	3						
	9	2	119620-53120	SPRING, VALVE	3	3						
	10	2	114250-53130	SEAT, NOZZLE SPRING	3	3						
	11	2	119620-53140	SPACER, VALVE STOP	3	3						
	12	2	114250-53400	SHIM PACK	3	3						
	19	2	129155-61830	O-RING S10	3	3						
	20	1	129150-59120	RETAINER, INJ. PIPE	1	1						
	23	2	129150-59131	BOLT M4X14,HEX.SCKT.	2	2						
	25	1	119620-59811	PIPE (1),FUEL INJECT	1	1						
	29	1	119620-59821	PIPE (2),FUEL INJECT	1	1						
	33	1	119620-59831	PIPE (3),FUEL INJECT	1	1						
	37	1	101304-59020	JOINT 12, PIPE	1	1						
	38	1	104200-59170	GASKET 12	2	2						
I	38-1	1	22190-120002	SEAL WASHER 12	2	2						N
			(A=EE2663) (B=E47881)									
	39	1	119462-59190	BOLT ASSY,PIPE JOINT	1	1						
I	39-1	1	105340-59190	BOLT ASSY	1	1						N
			(A=EF0729) (B=E67500)									
	42	1	119642-59540	PIPE ASSY, FUEL OVER	1	1						
I	42-1	1	119266-59540	PIPE ASSY, FUEL OVER	1	1						N
			(A=EF0729) (B=E67500)									
	43	2	124066-59100	CLAMP 8	6	6						
	44	2	119260-59520	JOINT (B)	1	1						
	45	2	119260-59530	JOINT (A)	2	2						
	46	2	105025-59550	PIPE, FUEL RETURN	2	2						
	47	2	119642-59550	PIPE, FUEL RETURN	1	1						
I	47-1	2	119000-59560	PIPE, FUEL RETURN	1	1						N
			(A=EF0729) (B=E67500)									
I	48	2	119642-59570	JOINT,OVER FLOW PIPE	1	1						Z
			(A=EF0729) (B=E67500)									
	49	1	119620-59700	NUT	3	3						
I	50	1	124550-59820	BOLT 8, PIPE JOINT	1	1						Z
			(A=EF0729) (B=E67500)									
	51	1	23414-080012	GASKET 8	2	2						
I	51-1	1	22190-080002	SEAL WASHER 8S	2	2						N
			(A=EE2663) (B=E47881)									
I	51-2	1	22190-080002	SEAL WASHER 8S	2	2						Z
			(A=EF0729) (B=E67500)									
	52	1	23414-140000	GASKET 14, ROUND	3	3						
I	52-1	1	22190-140002	SEAL WASHER 14S	3	3						N
			(A=EE2663) (B=E47881)									
	53	1	104264-59030	JOINT 8, PIPE	2	2						
	54	1	22190-080002	SEAL WASHER 8S	4	4						
	55	1	105582-59150	BOLT, PIPE JOINT	2	2						
I	57	1	119266-59570	JOINT	1	1						W
			(A=EF2066) (B=E68679)									
I	58	1	119266-59580	BOLT 8,PIPE JOINT	1	1						W
			(A=EF2066) (B=E68679)									

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



Fig.15. FUEL TANK



0CNP3-G33200 15. FUEL TANK

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129065-55010	TANK,F.O. CMP	1	1						
2	2	124060-01640	PLUG M12	1	1						
5	2	105302-55040	COVER	1	1						
6	2	101504-55051	GASKET, TANK CAP	1	1						
7	2	101504-55101	STRAINER,FUEL INLET	1	1						
8	2	121400-55830	SEAT, RUBBER	2	2						
9	2	121400-55870	FELT 30X105X5	2	2						
10	2	198290-56600	GAUGE COMPL.,FUEL	1	1						
11	3	194420-56620	GASKET	1	1						
13	2	24311-000140	O-RING 1A P-14.0	1	1						
14	2	26557-050122	SCREW M 5X 12	5	5						
15	1	23000-013000	CLAMP 13	4	4						

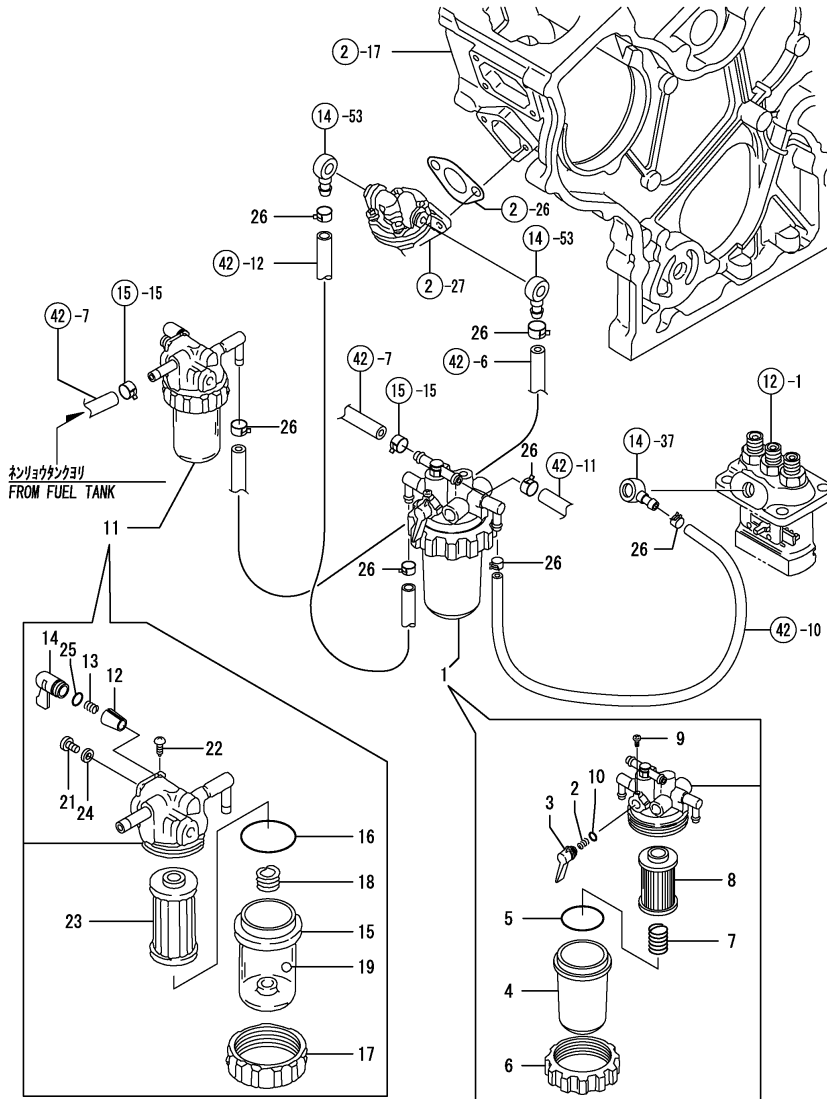
Remarks  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.4.



Fig.16. FUEL FILTER

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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



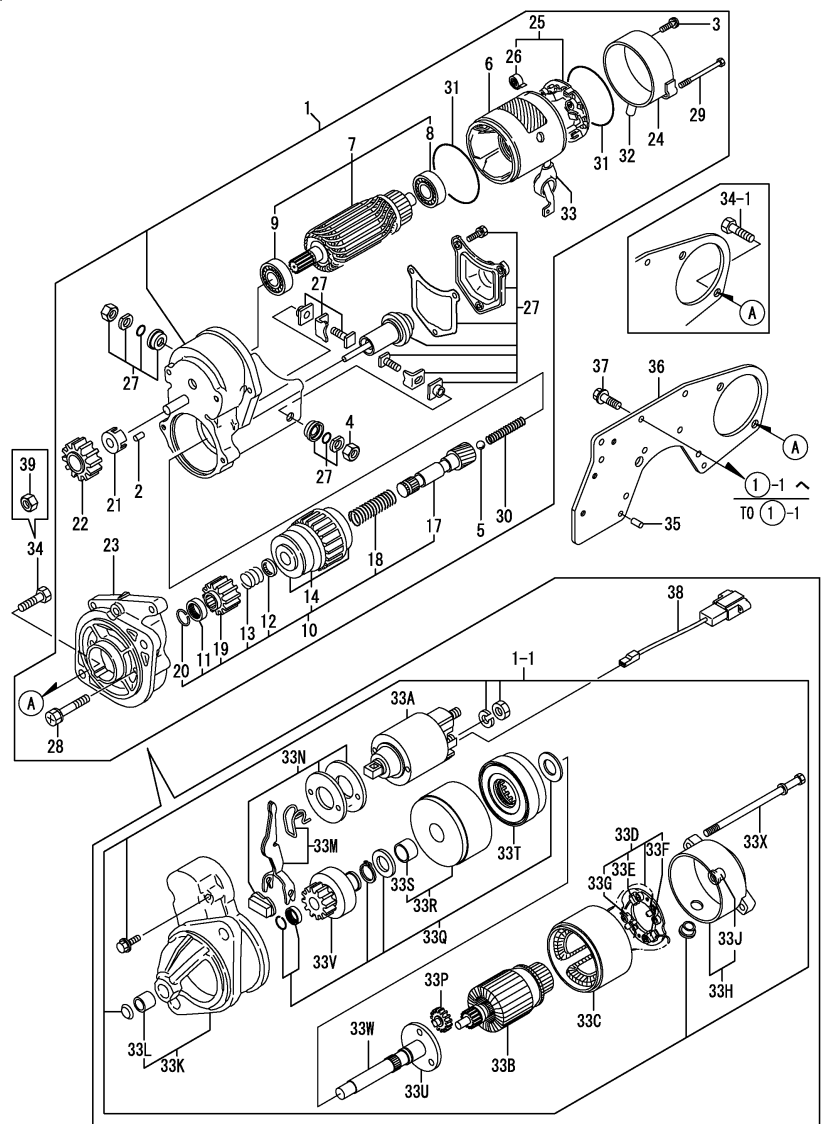
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119255-55620	STRAINER, FUEL	1	1						
2	2	104200-55330	SPRING, TAPER VALVE	1	1						
3	2	119810-55340	LEVER	1	1						
4	2	121254-55510	CUP, STRAINER	1	1						
5	2	102103-55520	O-RING	1	1						
6	2	110250-55610	RING, RETAINING	1	1						
7	2	121250-55620	SPRING	1	1						
8	2	124550-55700	ELEMENT	1	1						
9	2	104200-55750	SCREW M 4	1	1						
10	2	24311-240100	O-RING 1A P-10A	1	1						
11	1	129335-55700	SEPARATOR, WATER	1	1						
12	2	104200-55321	VALVE, TAPER	1	1						
13	2	104200-55330	SPRING, TAPER VALVE	1	1						
14	2	104200-55341	HANDLE, COCK	1	1						
15	2	124064-55510	BOWL, FUEL STRAINER	1	1						
16	2	102103-55520	O-RING	1	1						
17	2	110250-55610	RING, RETAINING	1	1						
18	2	121257-55720	SPRING, SCREEN	1	1						
19	2	121257-55731	FLOAT	1	1						
21	2	101720-55750	PLUG 6	2	2						
22	2	104200-55750	SCREW M 4	1	1						
23	2	171081-55910	SCREEN	1	1						
24	2	23418-060000	GASKET 6, NYLON	2	2						
25	2	24311-240100	O-RING 1A P-10A	1	1						
26	1	23000-013000	CLAMP 13	8	8						

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

Fig.17. STARTING MOTOR

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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



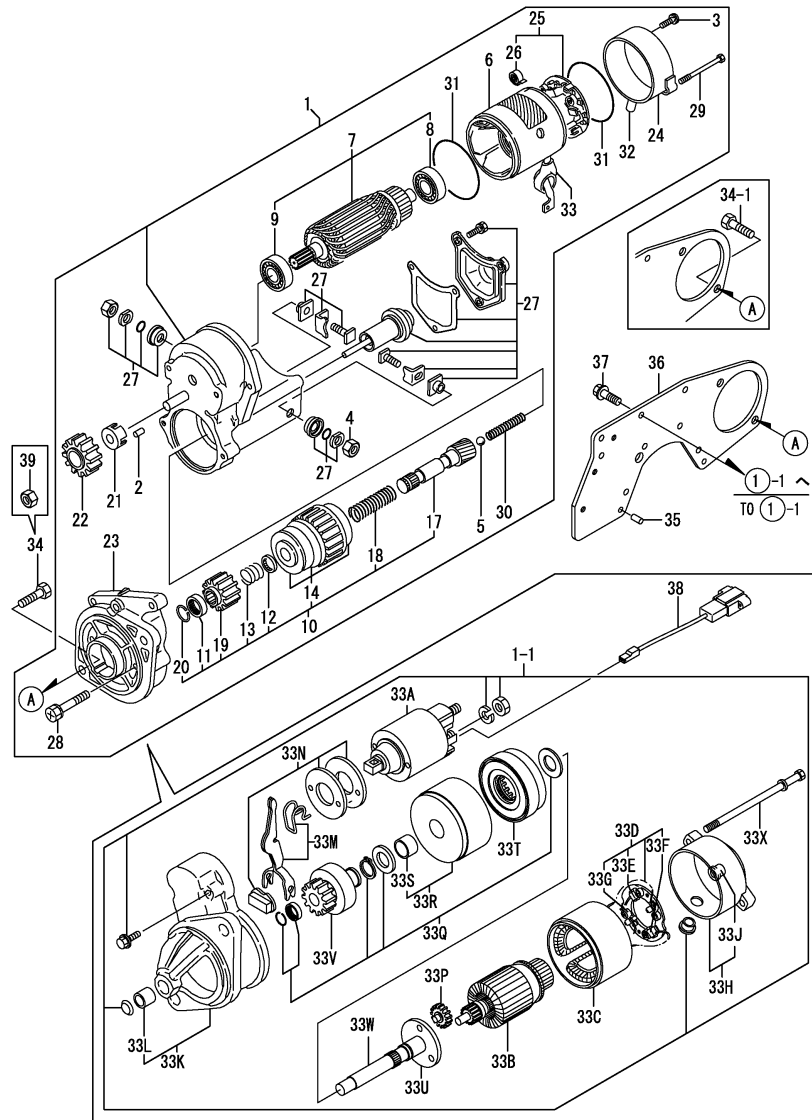
Remarks  
(1) REF.NO.1-1 & 38 INTERCHANGEABLE BY SET.  
(REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.4.

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129129-77010	STARTER ASSY	1	1						
1-1	1	129698-77010	STARTER	1	1						N 1
		(A=EC7854) (B=E27558)									
2	2	X0283060061	ROLLER	5	5						Z
		(A=EC7854) (B=E27558)									
3	2	X0289030010	SCREW	2	2						
3-1	2	129129-77460	SCREW	2	2						R
		(A=EC3457) (B=EXXX)									
3-2	2	129129-77460	SCREW	2	2						Z
		(A=EC7854) (B=E27558)									
4	2	X9490561370	NUT	1	1						Z
		(A=EC7854) (B=E27558)									
5	2	X9491200240	BALL	1	1						Z
		(A=EC7854) (B=E27558)									
6	2	129129-77210	YOKE ASSY	1	1						Z
		(A=EC7854) (B=E27558)									
7	2	129129-77220	ARMATURE ASSY	1	1						Z
		(A=EC7854) (B=E27558)									
8	3	129129-77230	BEARING	1	1						Z
		(A=EC7854) (B=E27558)									
9	3	129129-77240	BEARING	1	1						Z
		(A=EC7854) (B=E27558)									
10	2	129129-77250	STARTER ASSY	1	1						Z
		(A=EC7854) (B=E27558)									
11	3	X0280210230	NUT	1	1						Z
		(A=EC7854) (B=E27558)									
12	3	X0283270140	RETAINER	1	1						Z
		(A=EC7854) (B=E27558)									
13	3	X9491703371	SPRING, COIL	1	1						Z
		(A=EC7854) (B=E27558)									
14	3	129129-77390	CLUTCH ASSY, STARTER	1	1						Z
		(A=EC7854) (B=E27558)									
17	3	129129-77400	SHAFT	1	1						Z
		(A=EC7854) (B=E27558)									
18	3	129129-77410	SPRING, COIL	1	1						Z
		(A=EC7854) (B=E27558)									
19	3	129129-77420	PINION	1	1						Z
		(A=EC7854) (B=E27558)									
20	3	129129-77430	RING	1	1						Z
		(A=EC7854) (B=E27558)									
21	2	129129-77260	RETAINER	1	1						Z
		(A=EC7854) (B=E27558)									
22	2	129129-77270	PINION	1	1						Z
		(A=EC7854) (B=E27558)									
23	2	129129-77280	HOUSING	1	1						Z
		(A=EC7854) (B=E27558)									
24	2	129129-77290	FRAME	1	1						Z
		(A=EC7854) (B=E27558)									
25	2	129129-77300	HOLDER ASSY	1	1						Z
		(A=EC7854) (B=E27558)									
26	3	X9491730461	SPRING	4	4						Z

Fig.17. STARTING MOTOR

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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



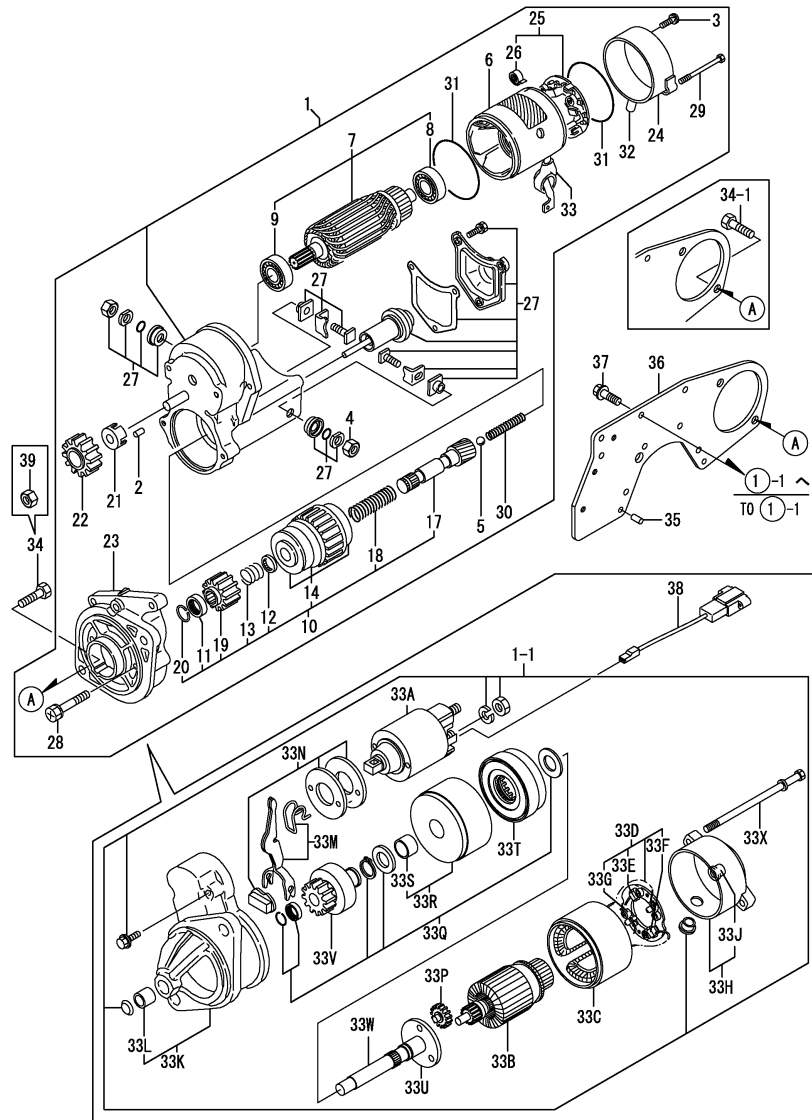
Remarks  
(1) REF.NO.1-1 & 38 INTERCHANGEABLE BY SET.  
(REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.4.

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
27	2	129129-77310	SWITCH ASSY	1	1						Z
28	2	129129-77320	BOLT	2	2						Z
29	2	129129-77330	BOLT	2	2						Z
30	2	129129-77340	SPRING	1	1						Z
31	2	129129-77350	O-RING	2	2						Z
32	2	129129-77361	BUSH, DRAIN	1	1						
32-1	2	129129-77362	COVER	1	1						R
32-2	2	129129-77362	COVER	1	1						Z
33	2	129129-77380	CAP	1	1						Z
33A	2	129698-77020	MAGNETIC SWITCH ASSY	1	1						W
33B	2	129698-77100	ARMATURE ASSY	1	1						W
33C	2	129698-77110	COIL ASSY, FIELD	1	1						W
33D	2	129698-77120	HOLDER ASSY,BRUSH	1	1						W
33E	3	129698-77140	BRUSH(+) SET	1	1						W
33F	3	129698-77130	BRUSH (-)	2	2						W
33G	3	129698-77150	SPRING, BRUSH	4	4						W
33H	2	129698-77160	COVER ASSY, REAR	1	1						W
I 33H-1	2	129698-77161	COVER ASSY, REAR	1	1						R
33J	3	129698-77170	REAR COVER METAL	1	1						W
33K	2	129698-77260	HOUSING ASSY, GEARS	1	1						W
33L	3	X2114535200	METAL, STARTER	1	1						W
33M	2	129698-77270	LEVER, SHIFT	1	1						W
33N	2	129698-77280	COVER ASSY, DUST	1	1						W
33P	2	129698-77240	GEAR	3	3						W
33Q	2	129698-77250	WASHER SET	1	1						W
33R	2	129698-77180	BRACKET	1	1						W

Fig.17. STARTING MOTOR

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
		(A=EC7854) (B=E27558)										
33S	3	129698-77190	BRACKET	1	1							W
		(A=EC7854) (B=E27558)										
33T	2	129698-77200	INTERNAL GEAR	1	1							W
		(A=EC7854) (B=E27558)										
33U	2	129698-77210	BRACKET	1	1							W
		(A=EC7854) (B=E27558)										
33V	2	129698-77220	PINION ASSY	1	1							W
		(A=EC7854) (B=E27558)										
33W	2	129698-77230	SHAFT(PINION)	1	1							W
		(A=EC7854) (B=E27558)										
33X	2	124195-77770	THROUGH BOLT	2	2							W
		(A=EC7854) (B=E27558)										
34	1	26116-120252	BOLT M12X 25 PLATED	2	2							
I 34-1	1	121476-01620	BOLT	2	2							N
		(A=EXXX) (B=EXXX)										
35	1	129100-01580	PARALLEL PIN 8X16	2	2							
36	1	119656-77041	BRACKET, STARTER	1	1							
37	1	26206-100202	BOLT M10X20	6	6							
38	1	129052-77951	CONNECTOR	1	1							W 1
		(A=EC7854) (B=E27558)										
38-1	1	129052-77951	CONNECTOR	1	1							Z
		(A=ED1230) (B=E27873)										
I 39	1	26716-120002	NUT 12	2	2							W
		(A=EXXX) (B=EXXX)										

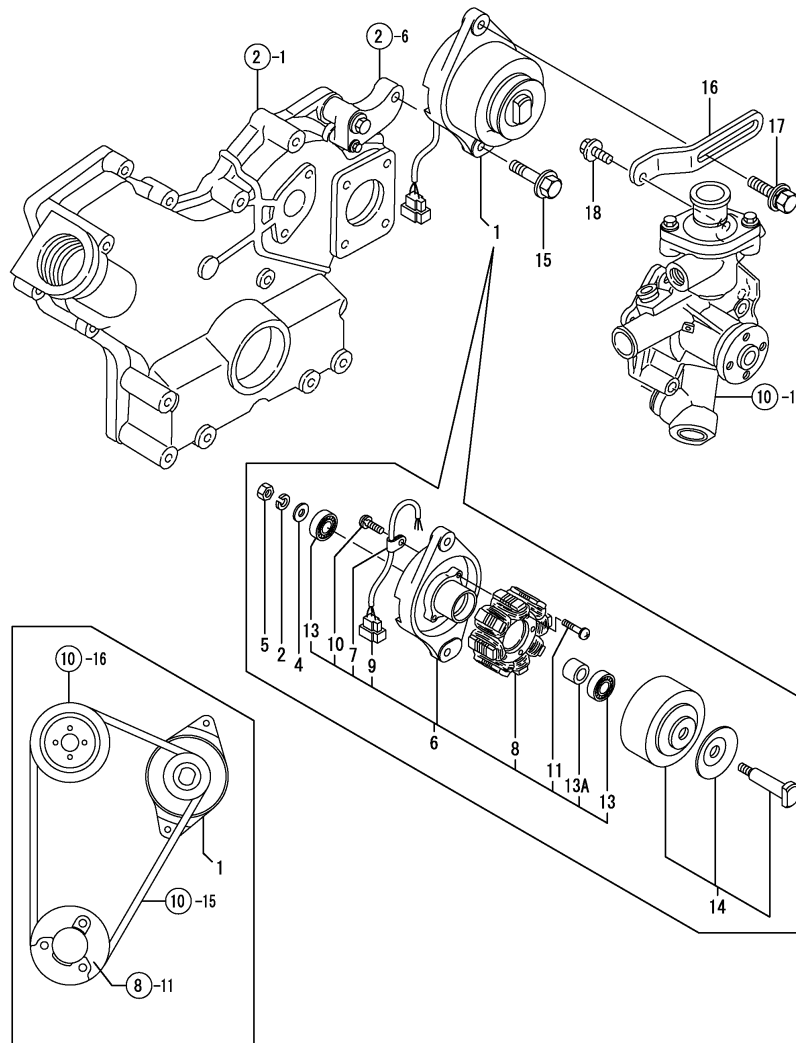
Remarks

(1) REF.NO.1-1 & 38 INTERCHANGEABLE BY SET.  
(REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.4.

Fig.18. GENERATOR

(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

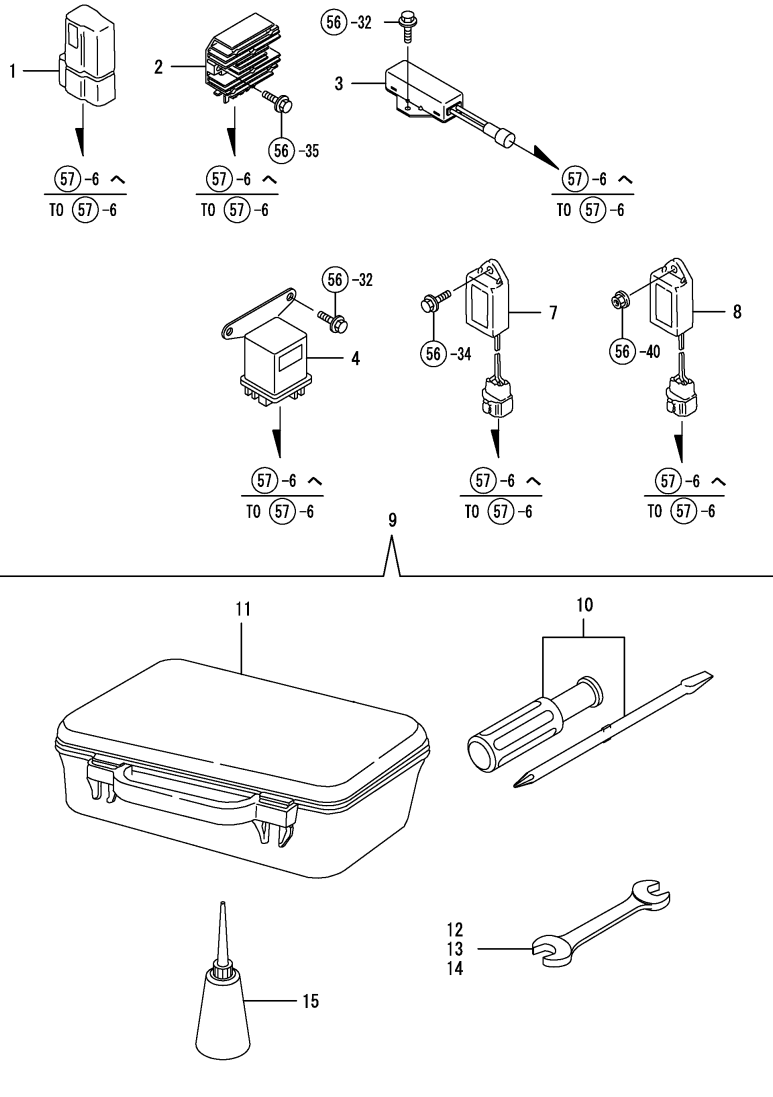
(D)=  
(E)=  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-77202	GENERATOR	1	1						
1-1	1	129150-77203	DINAMO ASSY	1	1						N
		(A=EXXXXX) (B=EXXXXX)									
2	2	XM219230000	WASHER, SPRING	1	1						
4	2	XM860250000	WASHER 10	1	1						
5	2	XM863720000	NUT	1	1						
6	2	129150-77210	PLATE ASSY	1	1						
7	3	XM069000000	CLAMP	1	1						
8	3	XM081780000	STATOR	1	1						
9	3	XM178780000	COUPLER	1	1						
9-1	3	XM771860000	COUPLER	1	1						N
		(A=EXXX) (B=EXXX)									
10	3	XYSPS400800	SCREW	1	1						
11	3	XYSPS402400	SCREW	2	2						
13	3	24107-062010	BALL BEARING	2	2						
13-1	3	24104-062010	BALL BEARING	2	2						R
		(A=EF4018) (B=E71790)									
13A	3	XM329830000	COLLAR	1	1						W
		(A=EXXX) (B=EXXX)									
14	2	129150-77230	FLYWHEEL ASSY	1	1						
14-1	2	X3A08863KA	FLYWHEEL ASSY (12P)	1	1						N
		(A=EXXX) (B=EXXX)									
14-2	2	129150-77280	FLYWHEEL ASSY	1	1						N
		(A=EXXXXX) (B=EXXXXX)									
15	1	26106-100402	BOLT M10X 40 PLATED	1	1						
15-1	1	26106-100302	BOLT M10X 30 PLATED	1	1						N
		(A=EF1657) (B=E67992)									
16	1	119660-77330	ADJUSTER, BELT	1	1						
17	1	26014-080252	BOLT M 8X 25	1	1						
18	1	26106-080162	BOLT M 8X 16 PLATED	1	1						

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

Fig.19. ELECTRICAL PARTS



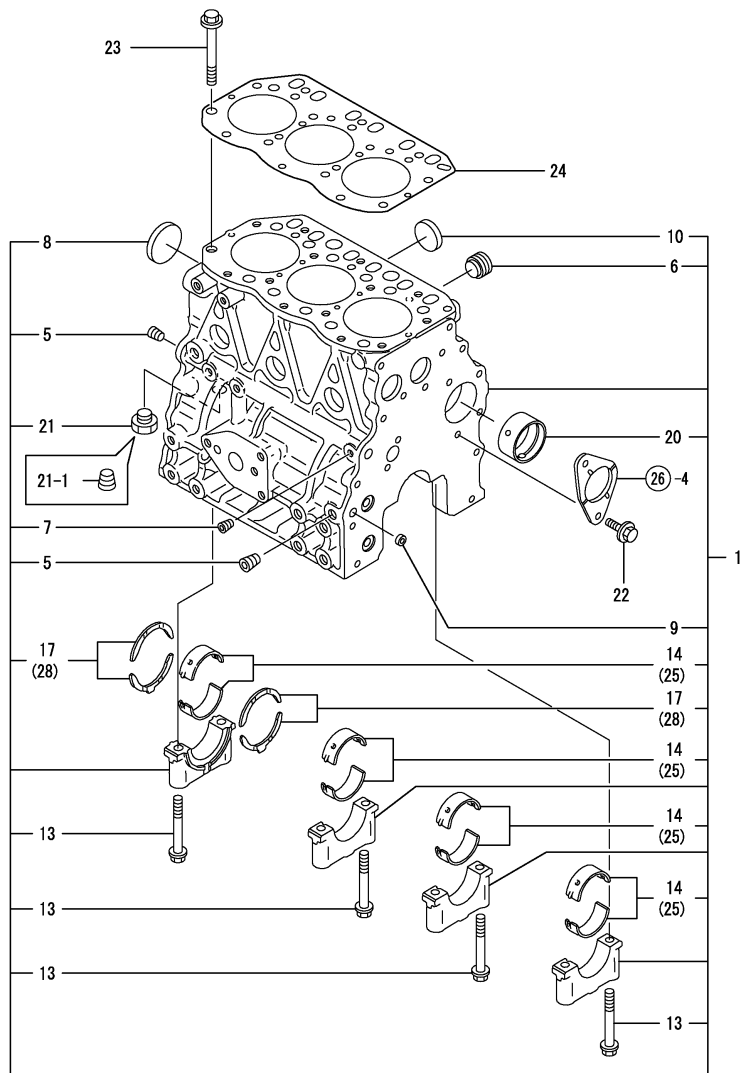
(A)=3TNA72-USR  
(B)=3TNE74-USR  
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119643-66900	DIODE	1	1						
2	1	129150-77710	CURRENT LIMITER(20A)	1	1						
I	2-1	119666-77710	LIMITTER, CURRENT	1	1						R
		(A=EE1953) (B=E44954)									
3	1	129155-77810	RESISTOR	1	1						
4	1	119650-77910	RELAY, GROW	1	1						
7	1	119632-77920	TIMER	1	1						
I	7-1	119632-77922	TIMER	1	1						N
		(A=ED9642) (B=E40180)									
I	7-2	129211-77920	TIMER	1	1						N
		(A=EE1953) (B=E44954)									
8	1	129155-77920	TIMER, GLOW PLUG	1	1						
9	1	171001-93100	TOOL ASSY	1	1						
9-1	1	721400-92102	TOOL ASSY	1	1						R
		(A=EXXX) (B=EXXX)									
10	2	104200-92350	DRIVER, SCREW	1	1						
11	2	104200-92600	BOX, TOOL	1	1						
12	2	28110-100120	WRENCH 10X12	1	1						
13	2	28110-140170	WRENCH 14X17	1	1						
14	2	28110-190220	WRENCH 19X22	1	1						
15	2	28210-000140	FEEDER, OIL	1	1						

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

Fig.20. CYLINDER BLOCK



OCNP3-G33200 20. CYLINDER BLOCK

(A)=3TNE82A-RSR  
(B)=  
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719813-01560	BLOCK ASSY, CYLINDER	1							
5	2	124160-01910	PLUG PT1/4	2							
6	2	171051-01921	PLUG	1							
7	2	23871-010000	PLUG PT1/8,SCREW	1							
I 7-1	2	23876-010000 (A=EXXX)	PLUG PT1/8,SCREW	1							N
8	2	27231-500000	PLUG 50	1							
I 8-1	2	129001-01250 (A=EXXX)	PLUG 50	1							N
9	2	27241-120000	PLUG 12	2							
10	2	27241-300000	PLUG 30	6							
13	2	119620-02020	BOLT	8							
14	2	119810-02800	MAIN BEARING	4							
17	2	119810-02930	BEARING,THRUST (4PIE	1							
20	2	129795-02411	BUSH, CAMSHAFT	1							
21	2	23887-120002	PLUG M12,HEX.	1							
21-1	2	124160-01910 (A=E44193)	PLUG PT1/4	1							S
22	1	26106-080162	BOLT M 8X 16 PLATED	2							
22-1	1	26106-080142 (A=E12090)	BOLT 8X 14 PLATED	2							N
23	1	119810-01200	BOLT, CYL. HEAD	14							
24	1	119812-01330	GASKET, HEAD	1							
25	1	119810-02870	MAIN BEARING US=0.25	4							1
28	1	119810-02940	BEARING,THRUST .25OS	2							2

Remarks

(1) OVER-SIZE(O.S=0.25)PART.  
(2) UNDER-SIZE(U.S=0.25)PART.  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.23.

Fig.21. GEAR HOUSING

(A)=3TNE82A-RSR

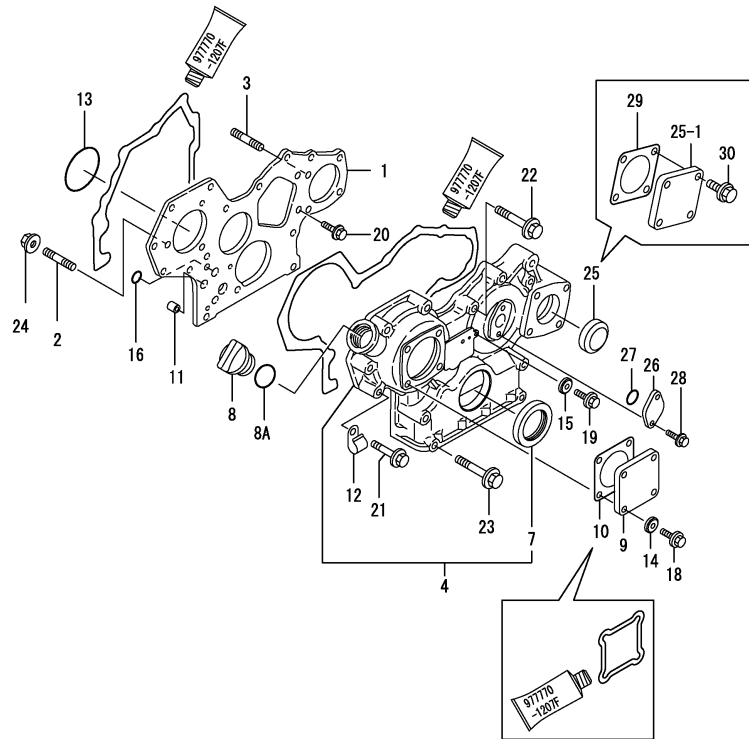
(B)=

(C)=

(D)=

(E)=

(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01520	FLANGE,GEAR HOUSING	1							
2	1	121450-01560	STUD M 8X 22	3							
3	1	129150-01580	STUD 8 X 30	1							
4	1	129100-01590	HOUSING ASSY, GEAR	1							
7	2	129795-01800	SEAL, OIL	1							
8	1	124160-01751	COVER,FILLER	1							
I	8A	1 24311-000320 (A=EXXX)	O-RING 1A P-32.0	1							W
9	1	124240-01871	COVER, HO-P	1							
I	10	1 124240-01883 (A=EXXX)	GASKET, (NON-ASB.)	1							Z
11	1	129795-01950	PIPE, KNOCK L=18	2							
12	1	129150-03100	RETAINER	1							
13	1	121850-51960	O-RING, F.I.PUMP	1							
14	1	22190-080002	SEAL WASHER 8S	4							
15	1	22190-080002	SEAL WASHER 8S	1							
16	1	24311-000160	O-RING 1A P-16.0	2							
I	16-1	1 119609-32040 (A=E71310)	O-RING P16	2							R
18	1	26106-080122	BOLT M 8X 12 PLATED	4							
19	1	26106-080162	BOLT M 8X 16 PLATED	1							
20	1	26106-080162	BOLT M 8X 16 PLATED	3							
21	1	26106-080452	BOLT M 8X 45 PLATED	6							
22	1	26106-080552	BOLT M 8X 55 PLATED	3							
23	1	26106-080852	BOLT M 8X 85 PLATED	4							
23-1	1	129001-91840 (A=E44193)	BOLT M 8X 85 PLATED	4							R
I	23-2	1 129001-91841 (A=E58890)	BOLT M 8X 85 PLATED	4							R
24	1	26366-080002	NUT M 8	3							
I	24-1	1 26306-080002 (A=EXXX)	NUT	3							N
25	1	119807-01870	PLUG, BLIND	1							
25-1	1	124240-01871 (A=E12843)	COVER, HO-P	1							F 1
26	1	121023-01550	COVER, BLIND	1							
27	1	24341-000240	O-RING 1A S-24.0	1							
28	1	26106-060182	BOLT M 6X 18 PLATED	2							
28-1	1	26106-060162 (A=EXXX)	BOLT M 6X 16 PLATED	2							N
29	1	124240-01883 (A=E12843)	GASKET, (NON-ASB.)	1							W 1
30	1	26106-080122 (A=E12843)	BOLT M 8X 12 PLATED	4							W 1

Remarks

(1) REF.NO.25-1,29 & 30  
INTERCHANGEABLE BY SET.  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.23.



Fig.22. OIL SUMP

(A)=3TNE82A-RSR

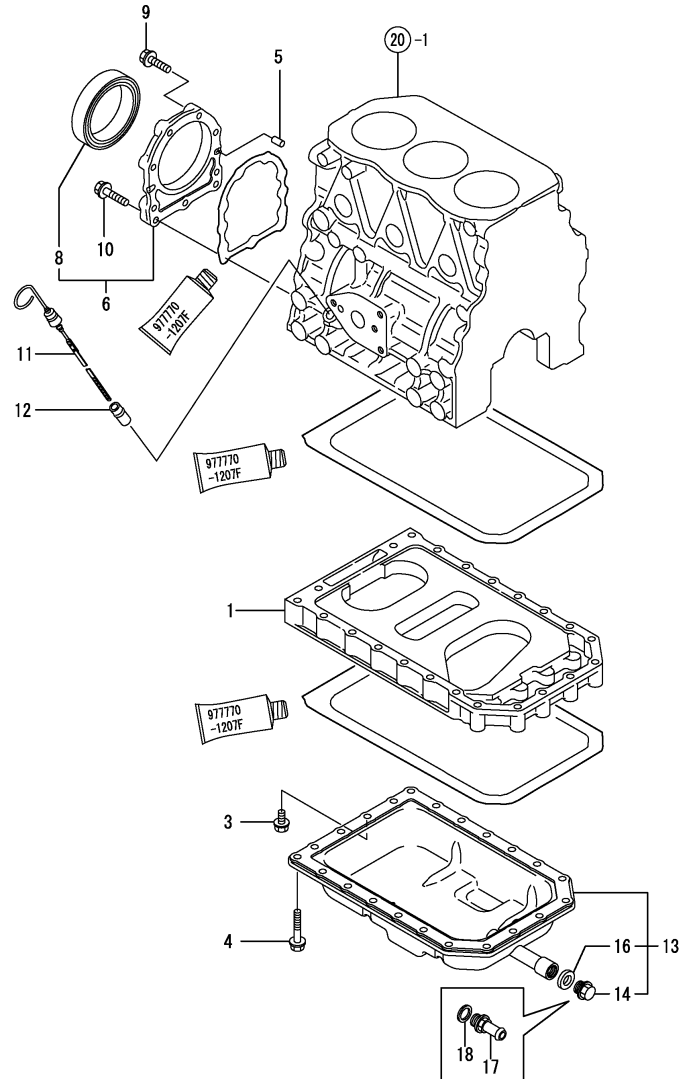
(B)=

(C)=

(D)=

(E)=

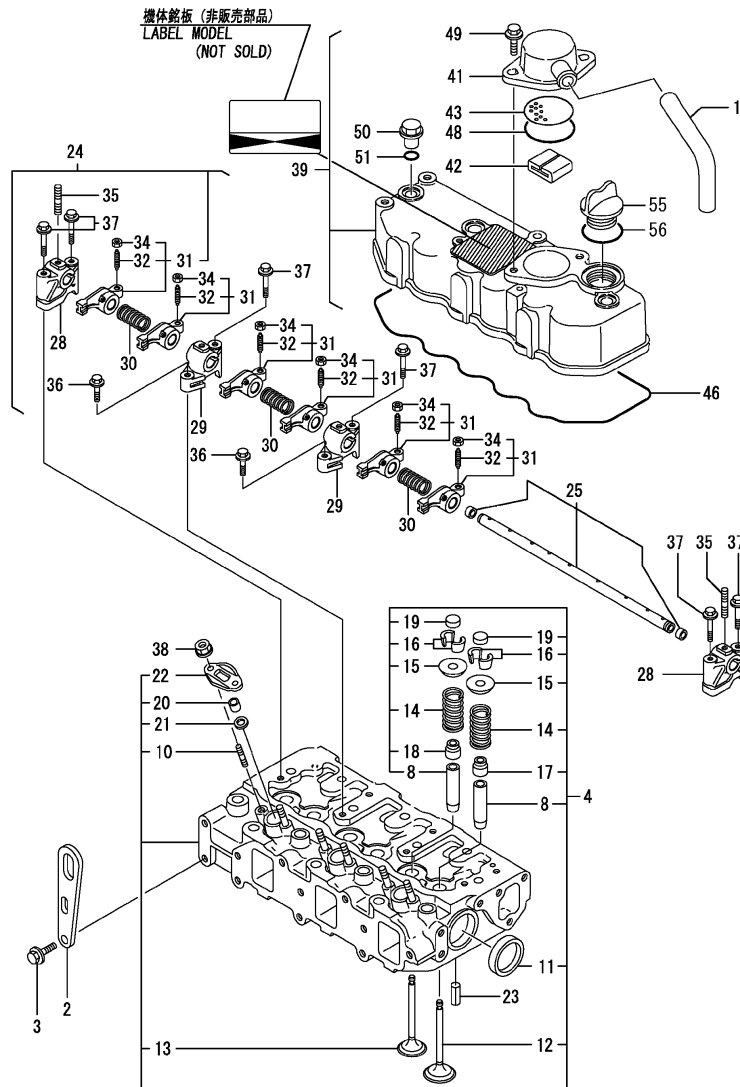
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119810-01730	SPACER, L.O. SUMP	1							
3	1	26106-080162	BOLT M 8X 16 PLATED	6							
4	1	26106-080452	BOLT M 8X 45 PLATED	22							
5	1	129100-01580	PARALLEL PIN 8X16	2							
6	1	719810-01650	CASE ASSY, OIL SEAL	1							
8	2	119810-01780	SEAL, OIL	1							
9	1	26106-080302	BOLT M 8X 30 PLATED	6							
9-1	1	129486-01670	BOLT M8X30,COLLAR HD	6							R
				(A=E12090)							
10	1	26106-080352	BOLT M 8X 35 PLATED	3							
11	1	119600-34800	DIPSTICK, LUB. OIL	1							
12	1	121520-34810	GUIDE, DIPSTICK	1							
13	1	119842-01780	SUMP ASSY, LUB. OIL	1							
14	2	105425-01690	PLUG M16	1							
16	2	22190-160002	SEAL WASHER 16S	1							
I	17	129459-39150	JOINT,OIL DRAIN	1							W
				(A=E58890)							
I	18	22190-160002	SEAL WASHER 16S	1							W
				(A=E58890)							

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.

Fig.23. CYLINDER HEAD & BONNET



Remarks  
 (1) REPAIR PART.  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.

OCNP3-G33200 23. CYLINDER HEAD & BONNET

(A)=3TNE82A-RSR

(B)=

(C)=

(D)=

(E)=

(F)=

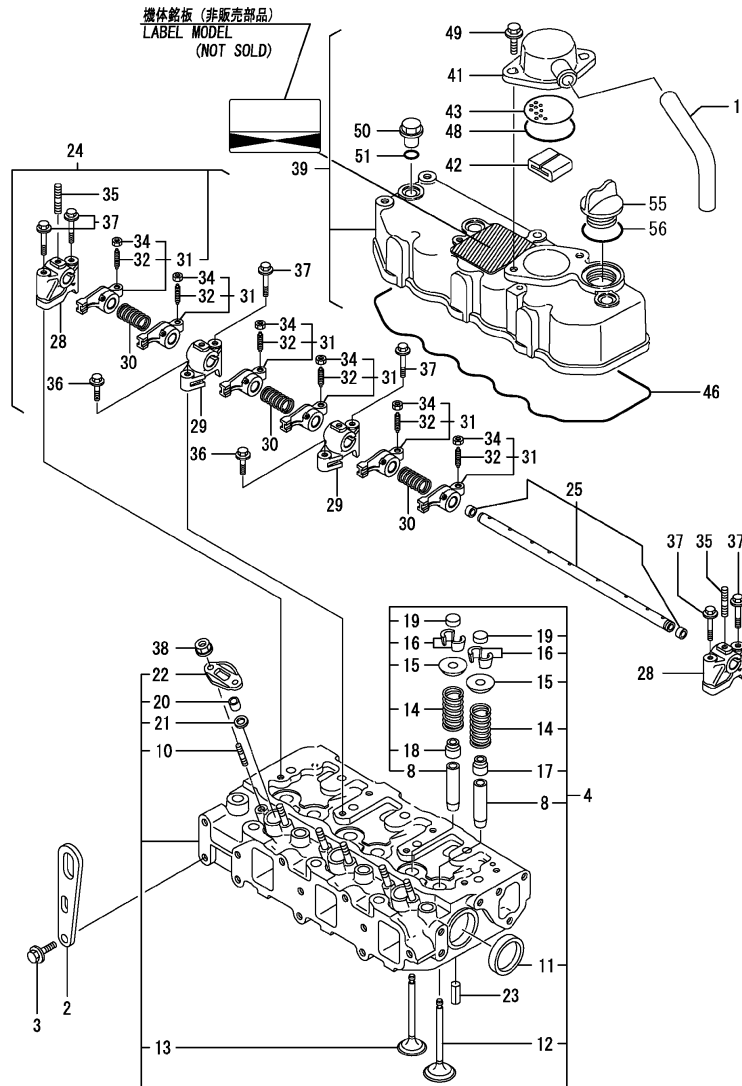
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-03090	PIPE	1							
2	1	124736-07900	LIFTER, ENGINE	2							
2-1	1	124736-07900	LIFTER, ENGINE	1							K
(A=FROM 1ST)											
3	1	26106-080142	BOLT 8X 14 PLATED	4							
3-1	1	26106-080142	BOLT 8X 14 PLATED	2							K
(A=FROM 1ST)											
4	1	119812-11700	HEAD ASSY, CYLINDER	1							
8	2	124060-11800	GUIDE, VALVE	6							1
10	2	26216-060302	STUD M 6X 30 PLATED	6							
11	2	27241-400000	PLUG 40	2							
12	2	119810-11100	VALVE, SUCTION	3							
13	2	119810-11110	VALVE, EXHAUST	3							
14	2	119810-11120	SPRING, VALVE	6							
15	2	104211-11180	RETAINER, SPRING	6							
16	2	27310-070001	COTTER ASSY	6							W
(A=E12090)											
17	2	124160-11340	SEAL, VALVE STEM(INT)	3							
18	2	124950-11340	SEAL, VALVE STEM(EXH)	3							
19	2	104211-11370	CAP, VALVE	6							
20	2	119625-11871	PROTECTOR, NOZZLE	3							
20-1	2	119625-11870	PROTECTOR, NOZZLE	3							N
(A=E12090)											
21	2	119625-11880	SEAT, NOZZLE	3							
22	2	119625-11900	RETAINER	3							
23	1	22351-060012	SPRING PIN 6X12	2							
24	1	119865-11200	SUPPORT ASSY,ROCKER	1							
24-1	1	119865-11210	SUPPORT ASSY,ROCKER	1							N
(A=E12090)											
25	2	119810-11240	SHAFT, ROCKER ARM	1							
28	2	129155-11260	SUPPORT, ROCKER ARM	2							
29	2	129155-11270	SUPPORT, ROCKER ARM	2							
30	2	129150-11280	SPRING	3							
31	2	719810-11650	ARM ASSY, ROCKER	6							
31-1	2	719810-11660	ARM ASSY, ROCKER	6							N
(A=E12090)											
32	3	129150-11230	SCREW, VALVE	6							
34	3	129150-11750	NUT M8XP1.0	6							
35	2	26226-080182	STUD M 8X 18 PLATED	3							
35-1	2	119802-11280	STUD	3							R
(A=E12090)											
36	1	26106-080252	BOLT M 8X 25 PLATED	2							
37	1	26106-080502	BOLT M 8X 50 PLATED	6							
38	1	26366-060002	NUT M 6	6							
39	1	719810-11520	BONNET ASSY, HEAD	1							
39-1	1	719810-11521	BONNET ASSY	1							N
(A=E54943)											
41	2	129150-03020	COVER, BREATHER	1							
42	2	129150-03070	BAFFLE, BREATHER	1							
43	2	129150-03080	PLATE, SHELTER	1							
46	2	119865-11310	GASKET, BONNET	1							

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

++ CONTINUE ++

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Fig.23. CYLINDER HEAD & BONNET



(A)=3TNE82A-RSR

(B)=

(C)=

(D)=

(E)=

(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	2	24341-000500	O-RING 1A S-50.0	1							
49	2	26106-080162	BOLT M 8X 16 PLATED	2							
50	1	124160-11360	KNOB	3							
51	1	24311-000120	O-RING 1A P 12.0	3							
55	1	124160-01751	COVER, FILLER	1							
56	1	24311-000320	O-RING 1A P-32.0	1							

Remarks  
 (1) REPAIR PART.  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.

Fig.24. SUCTION MANIFOLD & AIR CLEANER

(A)=3TNE82A-RSR

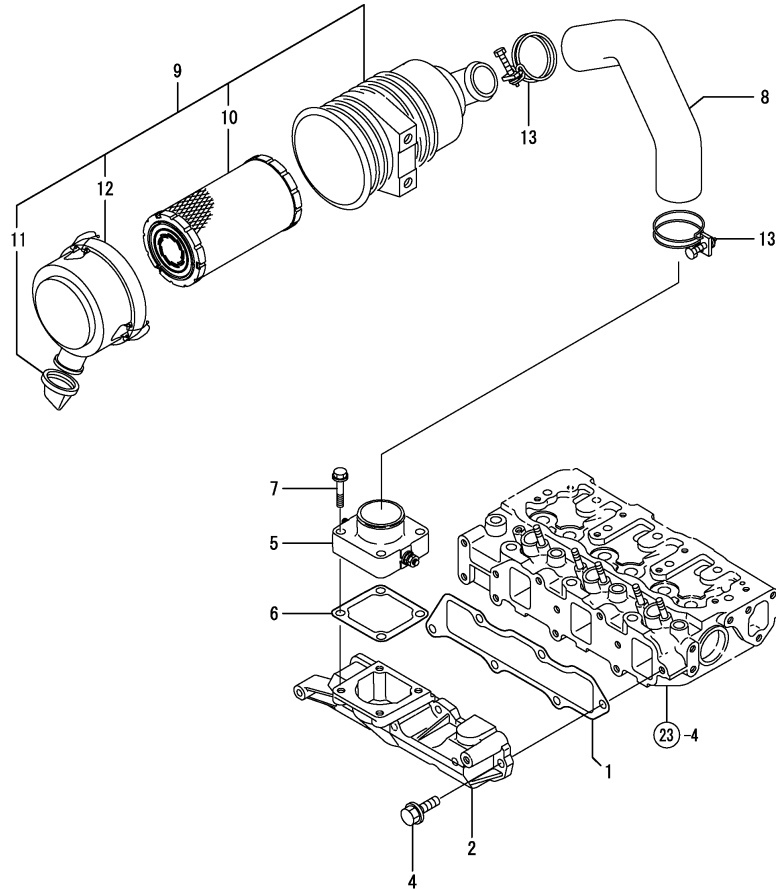
(B)=

(C)=

(D)=

(E)=

(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119813-12110	GASKET,INT. MANIFOLD	1							
2	1	119813-12120	MANIFOLD, INTAKE	1							
4	1	26106-080252	BOLT M 8X 25 PLATED	6							
5	1	129120-77501	HEATER, AIR	1							
6	1	129150-77511	GASKET, (NON-ASB.)	1							
7	1	26106-080352	BOLT M 8X 35 PLATED	4							
8	1	119866-12010	PIPE, AIR INTAKE	1							
9	1	119866-12510	AIR CLEANER	1							
10	2	119808-12520	ELEMENT, OUTER	1							
11	2	119808-12540	VALVE, UNLOADER	1							
12	2	119866-12540	COVER ASSY	1							
13	1	23000-060000	CLAMP 60	2							

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.

Fig.25. EXHAUST MANIFOLD & SILENCER

(A)=3TNE82A-RSR

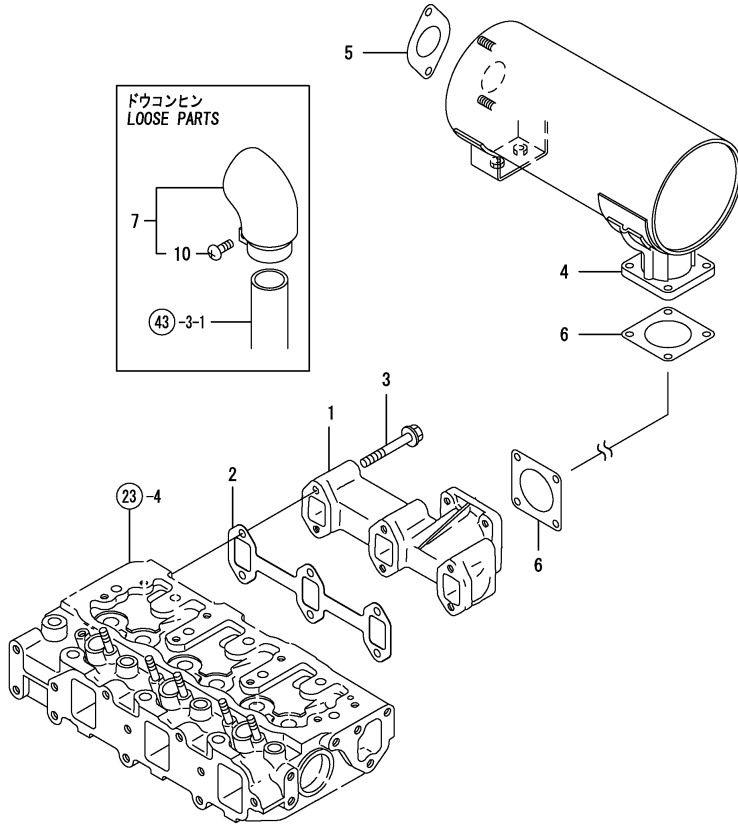
(B)=

(C)=

(D)=

(E)=

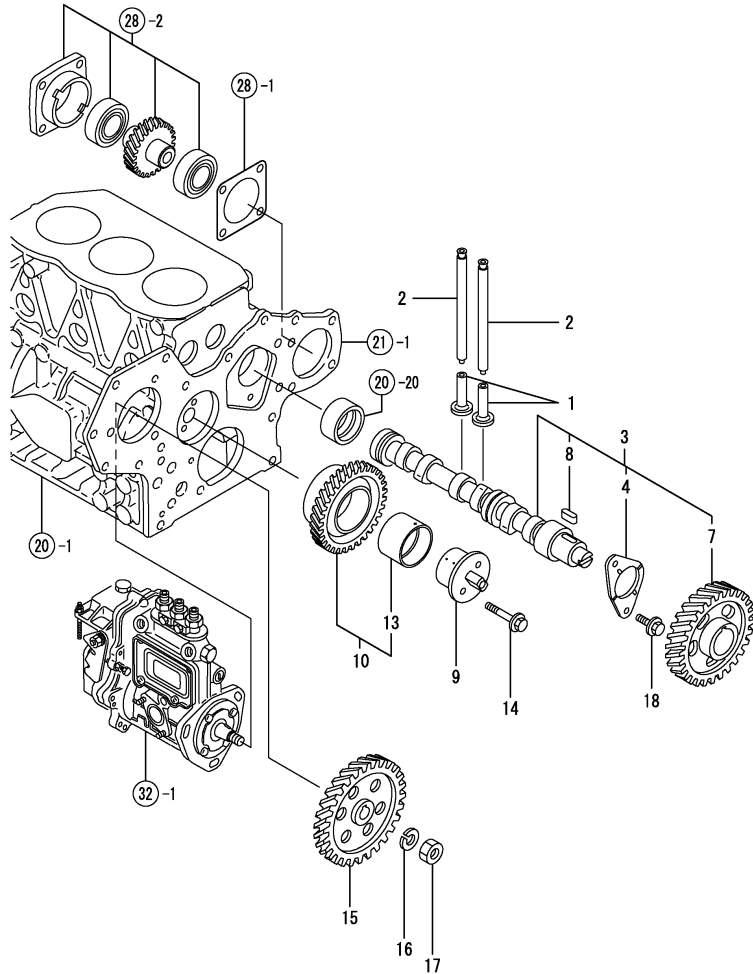
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119810-13100	MANIFOLD, EXHAUST	1							
2	1	119810-13110	GASKET, EXH.MANIFOLD	1							
3	1	26106-080602	BOLT M 8X 60 PLATED	6							
I	3-1	119802-13640 (A=E75510)	BOLT, M8X60	6							R
4	1	129065-13500	SILENCER	1							
5	1	129107-13550	GASKET, NOZZLE	1							
6	1	124701-11911	GASKET, (NON-ASB.)	2							
7	1	105198-13610	PIPE, TAIL	1							W
		(A=E40958)									
10	2	26554-060162 (A=E40958)	SCREW M 6X 16	1							W

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.

Fig.26. CAMSHAFT & DRIVING GEAR



OCNP3-G33200 26. CAMSHAFT & DRIVING GEAR

(A)=3TNE82A-RSR

(B)=

(C)=

(D)=

(E)=

(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6							
2	1	119810-14400	ROD, PUSH	6							
3	1	119810-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	METAL,THRUST(CAM	1							
7	2	129150-14101	GEAR, CAMSHAFT	1							
8	2	22512-070140	KEY 7X 14	1							
9	1	129100-25061	SHAFT, IDLE GEAR	1							
10	1	129150-25101	GEAR W/BUSH	1							
13	2	129150-25920	BUSH, IDLE GEAR	1							1
14	1	26106-080452	BOLT M 8X 45 PLATED	2							
15	1	129150-25900	GEAR, FUEL INJ. PUMP	1							
16	1	22217-120000	SPRING WASHER 12	1							
17	1	26716-120002	NUT 12	1							
18	1	26106-080162	BOLT M 8X 16 PLATED	2							
18-1	1	26106-080142	BOLT 8X 14 PLATED	2							N

(A=E12090)

Remarks  
 (1) REPAIR PART.  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.

Fig.27. CRANKSHAFT & PISTON

(A)=3TNE82A-RSR

(B)=

(C)=

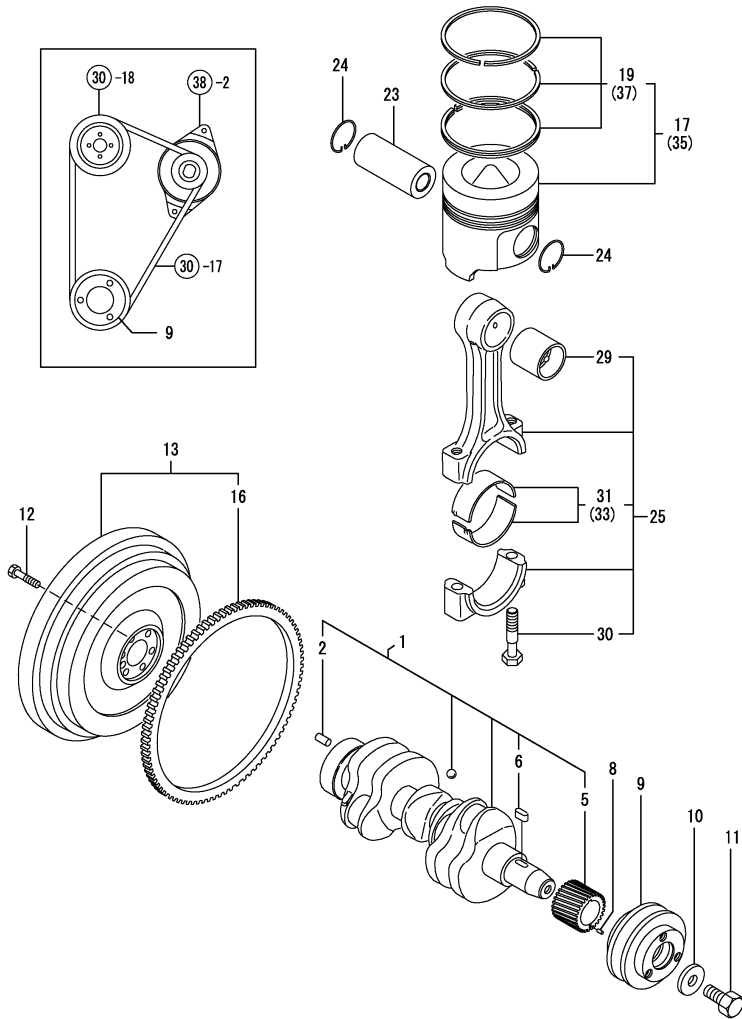
(D)=

(E)=

(F)=

QTY

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119813-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PARALLEL PIN 8X16	1							
5	2	129150-21200	GEAR, CRANKSHAFT	1							
6	2	22512-070140	KEY 7X 14	1							
8	1	22351-040010	SPRING PIN 4X10	1							
9	1	171301-21650	V-PULLEY, CRANKSHAFT	1							
10	1	129795-21661	WASHER	1							
11	1	121850-21680	BOLT, V-PULLEY	1							
12	1	121111-21501	BOLT, FLYWHEEL	6							
13	1	119856-21590	FLYWHEEL COMPL.	1							
16	2	124550-21600	RING GEAR	1							
17	1	119813-22080	PISTON ASSY	3							
19	2	119813-22500	RING SET, PISTON	3							
23	1	119813-22300	PIN, PISTON	3							
24	1	129792-22400	CIRCLIP 23	6							
25	1	719810-23100	ROD ASSY, CONNECTING	3							
29	2	119810-23910	BUSH, PISTON PIN	3							1
30	2	119810-23200	BOLT, CONNECTING ROD	6							
31	2	119810-23600	BEARING, CRANKPIN	3							
I 33	1	119810-23610	BEARING,PIN U.S=0.25	3							3
I 35	1	119813-22900	PISTON W/RING OS=.25	3							2
I 37	2	129003-22950	RING SET O.S=0.25	3							2



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.23.

Fig.28. HYDRAULIC PUMP

(A)=3TNE82A-RSR

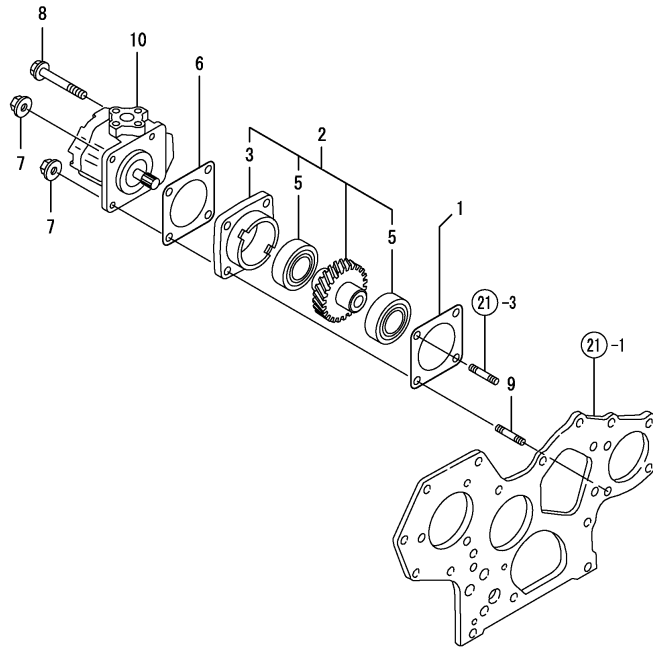
(B)=

(C)=

(D)=

(E)=

(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-01881	GASKET, (NON ASB.)	1							
2	1	129150-26000	DRIVING SET, HO-PUMP	1							
3	2	129150-26050	BRACKET, HO-P	1							
5	2	24105-060064	BALL BEARING	2							
6	1	124240-01883	GASKET, (NON-ASB.)	1							
7	1	26366-080002	NUT M 8	2							
I	7-1	1	26306-080002	NUT	2						N
			(A=EXXX)								
8	1	26106-080902	BOLT M 8X 90 PLATED	2							
9	1	26216-080402	STUD M 8X 40 PLATED	1							
10	1	119462-26020	PUMP, HYDRAULIC OIL	1							

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.



Fig.29. LUB. OIL SYSTEM

(A)=3TNE82A-RSR

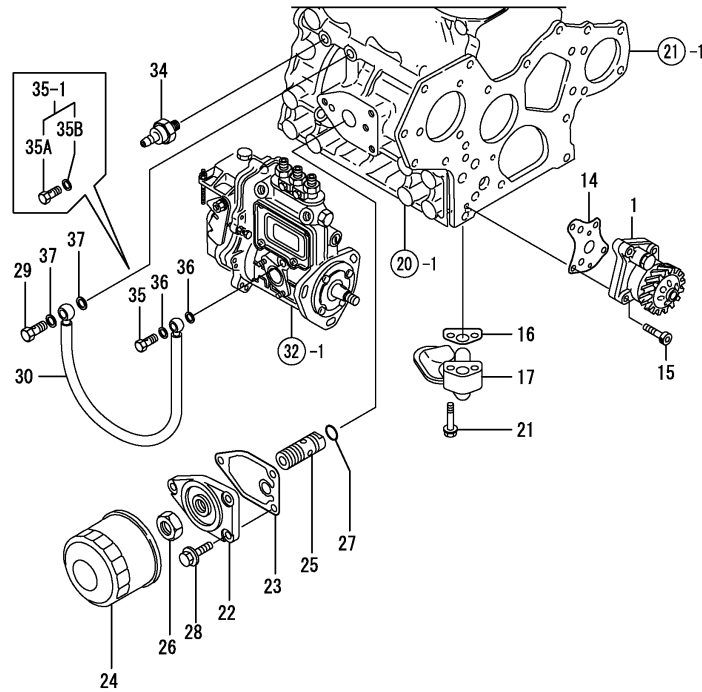
(B)=

(C)=

(D)=

(E)=

(F)=

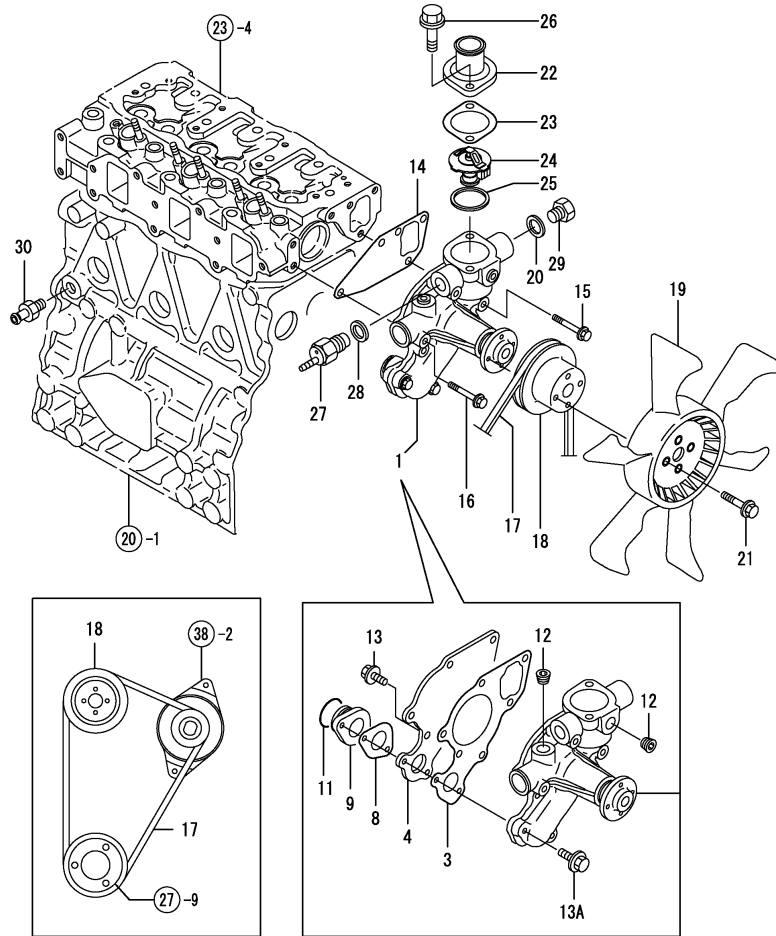


REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-32001	PUMP ASSY, LUB. OIL	1							
14	1	129150-32020	GASKET, L.O. PUMP	1							
15	1	26450-060252	BOLT M 6X 25	4							
16	1	129150-35041	GASKET, (NON-ASB.)	1							
16-1	1	129150-35042	GASKET, (NON-ASB.)	1							N
(A=E83629)											
17	1	119810-35401	PIPE ASSY, OIL INLET	1							
21	1	26106-080352	BOLT M 8X 35 PLATED	2							
22	1	129150-35101	BRACKET, STRAINER	1							
23	1	129150-35111	GASKET, (NON-ASB.)	1							
24	1	129150-35153	FILTER 80X80L	1							1
25	1	129001-35300	BOLT,LUB.O. STRAINER	1							
26	1	129150-35350	NUT	1							
27	1	24311-000160	O-RING 1A P-16.0	1							
28	1	26106-080202	BOLT M 8X 20 PLATED	3							
29	1	124160-39140	BOLT 10, PIPE JOINT	1							
30	1	119810-39200	PIPE ASSY, LUB. OIL	1							
34	1	124160-39450	SWITCH, OIL PRESSURE	1							
34-1	1	114250-39450	SWITCH,(0.5KG)L.O.	1							N
(A=E58890)											
35	1	124550-59820	BOLT 8, PIPE JOINT	1							
35-1	1	124550-59830	BOLT W/ SEAL WASHER	1							N
(A=EXXX)											
35A	2	124550-59820	BOLT 8, PIPE JOINT	1							W
(A=EXXX)											
35B	2	22190-080002	SEAL WASHER 8S	1							W
(A=EXXX)											
35B-1	2	22190-080003	SEAL WASER 8	1							N
(A=E53756)											
35B-2	2	22190-080002	SEAL WASHER 8S	1							N
(A=EXXX)											
36	1	22190-080002	SEAL WASHER 8S	2							
36-1	1	22190-080002	SEAL WASHER 8S	1							K
(A=EXXX)											
36-2	1	22190-080003	SEAL WASER 8	1							N
(A=E53756)											
36-3	1	22190-080002	SEAL WASHER 8S	1							N
(A=EXXX)											
37	1	23414-100000	GASKET 10, ROUND	2							
37-1	1	22190-100002	SEAL WASHER 10S	2							N
(A=EXXX)											

Remarks  
(1) REPAIR PART.

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

Fig.30. COOLING WATER SYSTEM



OCNP3-G33200 30. COOLING WATER SYSTEM

(A)=3TNE82A-RSR

(B)=

(C)=

(D)=

(E)=

(F)=

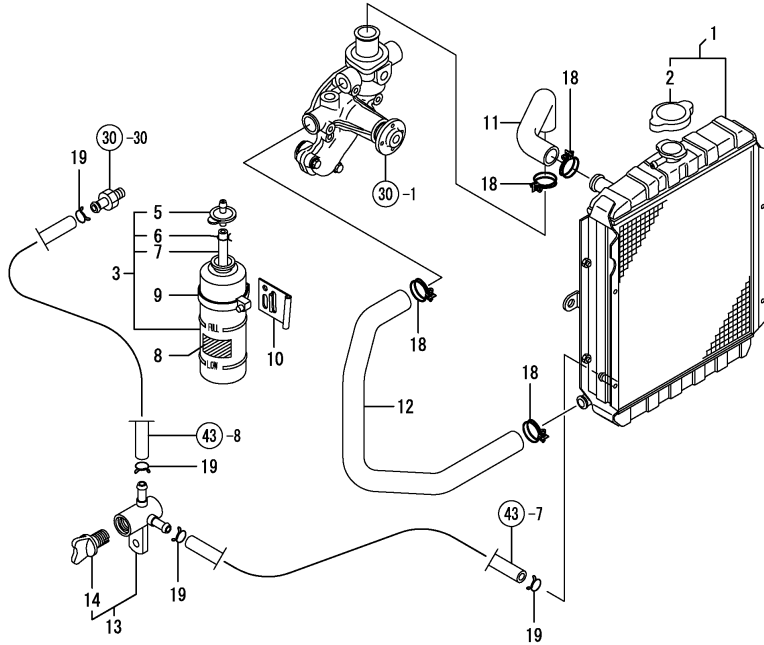
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119810-42001	PUMP,C.W.(NON-ASB.)	1							
I 1-1	1	119810-42002	PUMP,C.W.(NON-ASB.)	1							N
		(A=E83629)									
I 3	2	119810-42051	GASKET, (NON-ASB.)	1							
I 4	2	119810-42120	PLATE	1							
I 8	2	119810-42281	GASKET, (NON-ASB.)	1							
I 9	2	119810-42290	PIPE, C.W. PUMP	1							
11	2	129150-42320	O-RING	1							
12	2	23871-030000	PLUG PT3/8,SCREW	2							
I 12-1	2	23876-030000	PLUG PT3/8,SCREW	2							N
		(A=EXXX)									
I 13	2	26106-060142	BOLT M 6X 14 PLATED	2							
I 13A	2	26106-060202	BOLT M 6X 20 PLATED	2							W
		(A=E83629)									
14	1	129150-42020	GASKET, C.W. PUMP	1							
I 14-1	1	129486-42050	GASKET	1							N
		(A=E58890)									
15	1	26106-080352	BOLT M 8X 35 PLATED	1							
16	1	26106-080552	BOLT M 8X 55 PLATED	3							
17	1	25132-003600	V-BELT	1							
17-1	1	119865-42290	V-BELT A36.5	1							N
		(A=FROM 1ST)									
18	1	129155-42350	V-PULLEY, C.W. PUMP	1							
19	1	171340-44740	FAN, COOLING	1							
20	1	124465-44950	GASKET 16	1							
21	1	26106-060122	BOLT M 6X 12 PLATED	4							
22	1	129350-49530	COVER, THERMOSTAT	1							
23	1	129795-49551	GASKET, (NON-ASB.)	1							
24	1	129155-49800	THERMOSTAT	1							
I 24-1	1	129155-49801	THERMOSTAT (71)	1							N
		(A=E80418)									
25	1	129150-49811	GASKET, (NON-ASB.)	1							
26	1	26106-080202	BOLT M 8X 20 PLATED	2							
26-1	1	26106-080222	BOLT M 8X 22 PLATED	2							N
		(A=EXXX)									
27	1	121250-44901	SWITCH, THERMO(110 C	1							
28	1	124465-44950	GASKET 16	1							
29	1	121450-42450	PLUG M16	1							
30	1	121550-49111	JOINT PT1/4	1							

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.

Fig.31. RADIATOR

(A)=3TNE82A-RSR  
(B)=  
(C)=

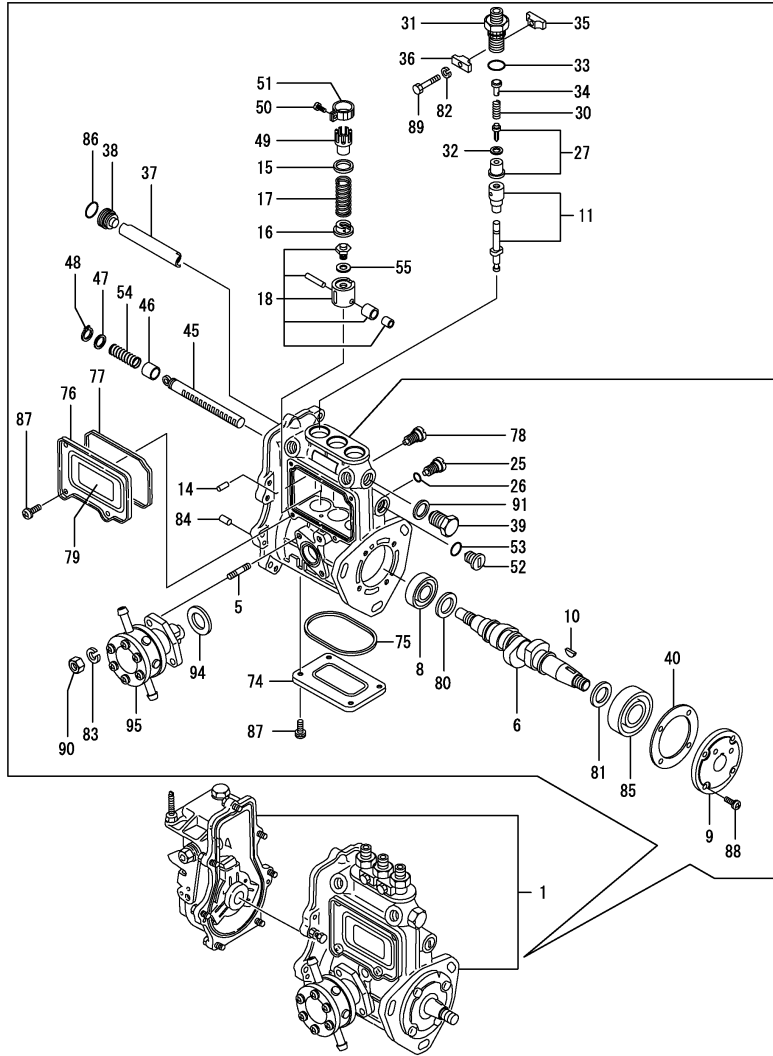
(D)=  
(E)=  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171440-44500	RADIATOR	1							
2	2	123682-44210	CAP	1							
3	1	124450-44510	SUB-TANK ASSY	1							
5	2	124450-44530	CAP	1							
6	2	124450-44560	CLAMP	1							
7	2	23061-070230	PIPE 7X 230	1							
8	1	121470-44540	LABEL, SUB-TANK	1							
9	1	124450-44550	CLAMP, SUB-TANK	1							
10	1	121256-44600	BRACKET, SUB-TANK	1							
11	1	171301-49010	PIPE (A), C. WATER	1							
11-1	1	119280-49010	PIPE A	1							N
(A=E08751)											
12	1	171301-49020	PIPE (B), C. WATER	1							
12-1	1	119645-49020	PIPE (B), C. WATER	1							N
(A=E08751)											
13	1	129150-49100	COCK ASSY, 3-WAY	1							
14	2	129150-49080	COCK, DRAIN	1							
18	1	23010-038000	CLAMP 38	4							
19	1	23000-013000	CLAMP 13	4							

Remarks  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.23.

Fig.32. FUEL INJECTION PUMP



Remarks  
 (1)GOVERNOR (FIG.33)IS INCORPORATED  
 IN THIS FUEL INJECTION PUMP  
 (REF.NO.1).  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.

(A)=3TNE82A-RSR

(B)=

(C)=

(D)=

(E)=

(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719866-51380	FUEL INJECTION PUMP	1							1
5	2	129155-51020	STUD, FEED PUMP	2							
6	2	119810-51040	CAMSHAFT	1							
8	2	129155-51050	BALL BEARING, THRUST	1							
I 8-1	2	129155-51051	RETAINER	1							N
(A=E74406)											
9	2	129155-51060	CAM SHAFT SUPPORT	1							
10	2	122710-51090	KEY	1							
11	2	129108-51100	PLUNGER W/BARREL	3							
14	2	129155-51140	PIN, BARREL LOCKING	3							
15	2	174307-51170	RETAINER A	3							
16	2	129155-51180	SPRING SHOE, PLUNGER	3							
17	2	124950-51190	SPRING, PLUNGER	3							
18	2	129155-51200	TAPPET ASSY	3							
25	2	129155-51270	LOCKING, TAPPET	3							
26	2	129155-51280	O-RING S6	3							
27	2	128170-51300	VALVE W/SEAT, DELIV.	3							
30	2	129155-51320	SPRING, DELIV. VALVE	3							
31	2	129155-51340	GUARD,DELIVERY VALVE	3							
32	2	124550-51350	GASKET, DELIVERY	3							
33	2	124550-51370	O-RING, DELIVERY	3							
34	2	129155-51370	STOPPER, VALVE	3							
35	2	129155-51380	LOCKING (A)	2							
36	2	129155-51390	LOCKING (B)	2							
37	2	129155-51400	DEFLECTOR	1							
38	2	129155-51410	CHECK BOLT,DEFLECTOR	1							
39	2	129155-51420	PLUG (M16)	1							
40	2	129155-51450	SHIM SET, ADJUSTING	1							
45	2	129155-51500	RACK, CONTROL	1							
46	2	129155-51521	BUSH, RACK	1							
47	2	129155-51530	SPACER, AUX. SPRING	1							
48	2	129155-51540	CIRCLIP	1							
49	2	129155-51550	PINION, CONTROL	3							
50	2	122117-51560	SCREW, PINION	3							
I 50-1	2	129100-51570	SCREW	3							N
(A=EXXX)											
51	2	174307-51560	PINION	3							
I 51-1	2	129100-51560	PINION	3							N
(A=EXXX)											
52	2	129155-51570	PLUG (M12)	1							
53	2	129155-51580	O-RING	1							
54	2	129155-51591	SPRING, RACK	1							
I 55	2	129155-51600	SHIM PACK	3							
74	2	129155-51700	COVER, LOWER	1							
I 74-1	2	129155-51701	COVER	1							N
(A=E58890)											
75	2	129155-51710	GASKET, LOWER COVER	1							
I 75-1	2	129155-51711	PACKING	1							N
(A=E62094)											
76	2	129155-51750	COVER, SIDE	1							
I 76-1	2	129155-51751	COVER, SIDE	1							N

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

++ CONTINUE ++

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Fig.32. FUEL INJECTION PUMP

(A)=3TNE82A-RSR

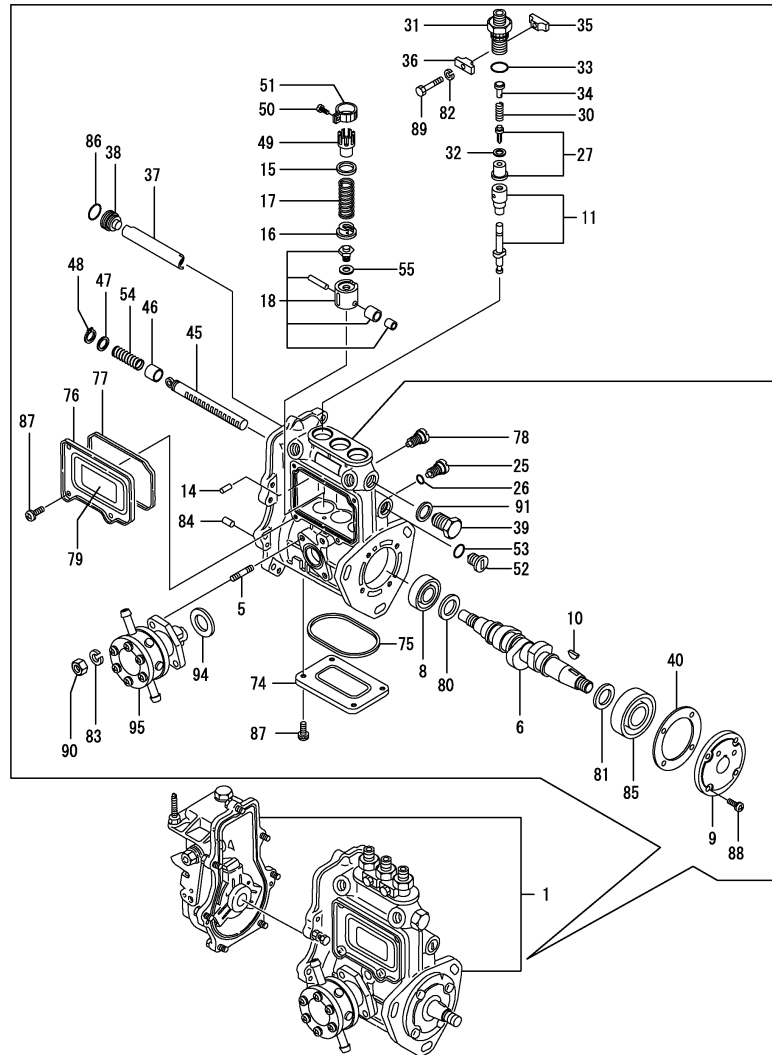
(B)=

(C)=

(D)=

(E)=

(F)=



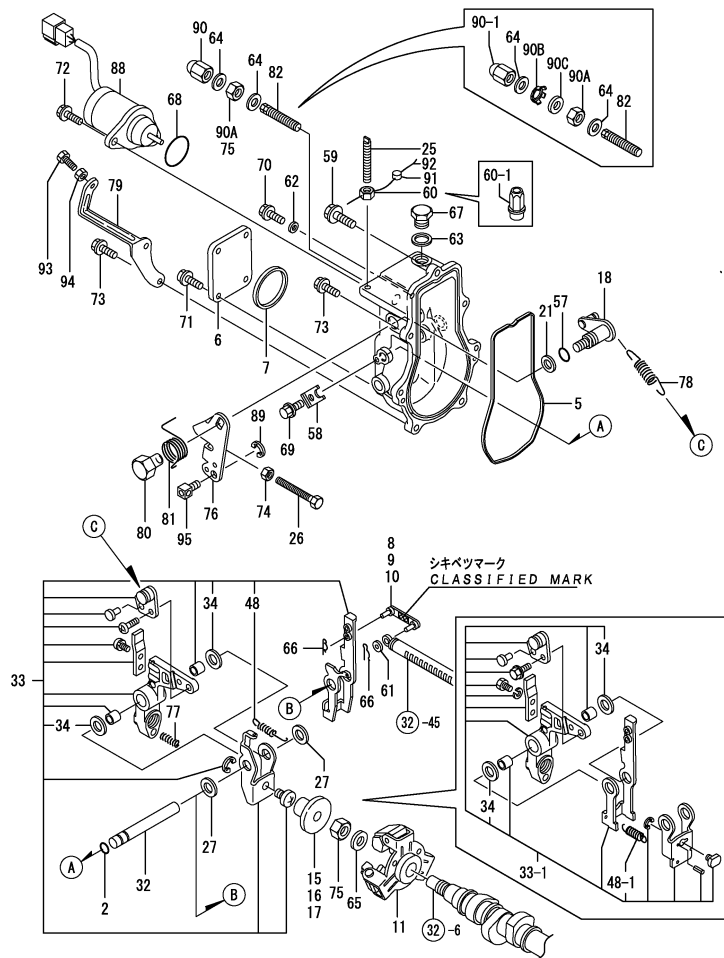
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=E58890)									
		77	2 129155-51760	GASKET, SIDE COVER	1						
I		77-1	2 129155-52051	GASKET	1						N
		(A=E83546)									
		78	2 129155-51790	LOCKING, RACK	1						
		79	2 129156-51910	LABEL, CAUTION	1						
		80	2 129155-51930	SPACER T=3.25	1						
		81	2 129155-51940	SPACER T=1.5	1						
		82	2 22217-050000	SPRING WASHER 5	2						
		83	2 22217-060000	SPRING WASHER 6	2						
		84	2 22351-050010	SPRING PIN 5X10	2						
		85	2 24101-063034	BALL BEARING	1						
		86	2 24341-000160	O-RING 1A S-16.0	1						
		87	2 26022-050102	SCREW M 5X 10	8						
I		87-1	2 26022-050122	SCREW M 5X 12	8						N
		(A=E58890)									
		88	2 26022-060162	SCREW M 6X 16	4						
		89	2 26116-050302	BOLT M 5X 30 PLATED	2						
		90	2 26716-060002	NUT 6	2						
		91	2 22190-160002	SEAL WASHER 16S	1						
		94	2 129155-52050	GASKET	1						
I		94-1	2 129155-52051	GASKET	1						N
		(A=E83546)									
		95	2 129100-52100	PUMP ASSY, FUEL FEED	1						
I		95-1	2 129100-52101	PUMP ASSY, FUEL FEED	1						N
		(A=E80418)									

Remarks  
 (1)GOVERNOR (FIG.33)IS INCORPORATED  
 IN THIS FUEL INJECTION PUMP  
 (REF.NO.1).  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.

Fig.33. GOVERNOR

(A)=3TNE82A-RSR  
(B)=  
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	129155-51280	O-RING S6	1							
5	2	129052-61050	PACKING	1							
I	5-1	2	129052-61051	GASKET, GOV. CASE	1						N
(A=E83546)											
6	2	129052-61060	COVER	1							
7	2	129052-61070	PACKING	1							
I	7-1	2	129052-61071	GASKET, COVER	1						N
(A=E83546)											
8	2	129155-61120	LINK L=30(MARK 0)	1							1
9	2	129155-61130	LINK L=31(MARK 1)	1							1
10	2	129155-61140	LINK L=30.5(MARK 05)	1							1
11	2	129155-61201	WEIGHT ASSY, GOV.	1							
I	11-1	2	129155-61202	WEIGHT ASSY, GOVERNOR	1						R
(A=E58890)											
15	2	129155-61341	SLEEVE(L=25.5)	1							2
16	2	129155-61350	SLEEVE(L=24.9)	1							2
17	2	129155-61360	SLEEVE(L=25.2)	1							2
18	2	129100-61400	SHAFT ASSY, CONTROL	1							
21	2	129155-61430	SPACER, SHAFT	1							
25	2	129155-61450	BOLT, REVOL. LIMIT	1							
26	2	129155-61460	BOLT, IDLE LIMIT	1							
27	2	129155-61480	SPACER ASSY	2							
32	2	129052-61390	SHAFT, GOV. LEVER	1							
33	2	129052-61500	LEVER ASSY, GOVERNOR	1							
I	33-1	2	119908-61501	LEVER ASSY, GOVERNOR	1						R
(A=EXXX)											
34	3	174307-51700	SHIM SET	2							
48	3	129052-61540	SPRING	1							
I	48-1	3	129486-61540	SPRING, SET	1						S
(A=EXXX)											
57	2	129155-61830	O-RING S10	1							
58	2	119660-61901	RETAINER, SHAFT	1							
59	2	129155-61950	BOLT, WASHER BASED	1							
60	2	124550-66370	LOCK NUT M 6	1							
I	60-1	2	129209-61370	NUT M6	1						N
(A=E74058)											
61	2	22117-040000	WASHER 4	1							
62	2	22190-060002	SEAL WASHER 6S	1							
I	62-1	2	22190-060003	SEAL WASER 6	1						N
(A=EXXX)											
63	2	22190-100002	SEAL WASHER 10S	1							
64	2	22190-120002	SEAL WASHER 12	2							
65	2	22287-120000	WASHER 12	1							
66	2	22372-040000	SNAP PIN 4	2							
67	2	23887-100002	PLUG 10	1							
68	2	24341-000280	O-RING 1A S-28.0	1							
I	68-1	2	158552-61900	O-RING	1						N
(A=EXXXXX)											
69	2	26106-060102	BOLT 6X 10 PLATED	1							
70	2	26106-060102	BOLT 6X 10 PLATED	1							
71	2	26106-060102	BOLT 6X 10 PLATED	4							

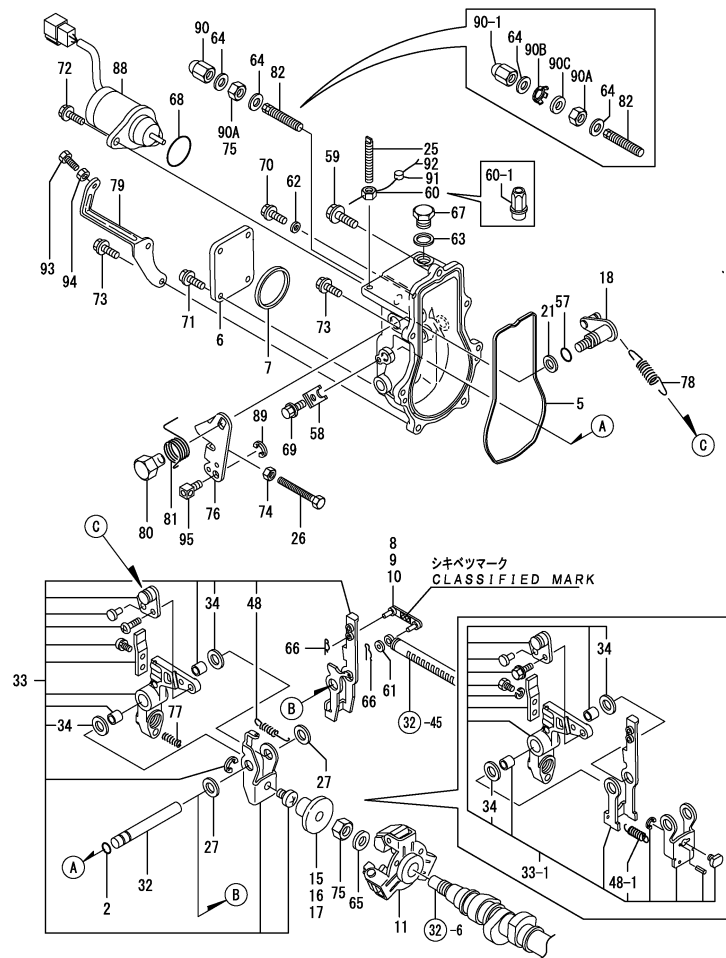
Remarks

(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REF. TO ILLUSTRATION)  
(2) SELECTIVE PART.  
\* THIS FIGURE(GOVERNOR ASSY) IS INCORPORATED IN THE FUEL INJECTION PUMP ASSY(FIG.32).  
(REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.23.

Fig.33. GOVERNOR

(A)=3TNE82A-RSR  
(B)=  
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
72	2	26106-060142	BOLT M 6X 14 PLATED	2							
73	2	26106-060202	BOLT M 6X 20 PLATED	6							
74	2	26756-060002	LOCK NUT 6	1							
75	2	26776-120002	LOCK NUT M12 PLATED	2							
I 75-1	2	26776-120002	LOCK NUT M12 PLATED	1							K
(A=E71310)											
76	2	129100-61440	LEVER, CONTROL	1							
77	2	129100-61650	SPRING, FUEL CONTROL	1							
78	2	171353-61700	SPRING, GOVERNOR	1							
79	2	129255-61080	SUPPORT, ACCEL WIRE	1							
80	2	129255-61410	NUT	1							
81	2	129255-61420	SPRING	1							
82	2	129051-61450	TORQUE SPRING ASSY	1							
88	2	119653-77950	SOLENOID, STOP	1							
89	2	22272-000050	CIRCLIP E- 5	1							
90	2	26687-120002	CAP NUT M12	1							
I 90-1	2	129209-61930	CAP NUT	1							N
(A=E74058)											
I 90A	2	26736-120002	NUT M12	1							W
(A=E71310)											
I 90B	2	129209-61970	PLATE	1							W
(A=E74058)											
I 90C	2	23414-120016	GASKET 12	1							W
(A=E74058)											
I 91	1	135210-61090	LEAD	1							Z
(A=E74058)											
I 92	1	22451-060000	WIRE 0.6	1							Z
(A=E74058)											
93	1	102100-67080	BOLT, ADJUSTING	1							
94	1	26756-060002	LOCK NUT 6	1							
95	1	124066-03770	RETAINER	1							

Remarks

(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REF. TO ILLUSTRATION)

(2) SELECTIVE PART.

\* THIS FIGURE(GOVERNOR ASSY) IS INCORPORATED IN THE FUEL INJECTION PUMP ASSY(FIG.32).

(REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.23.

Fig.34. FUEL INJECTION VALVE

(A)=3TNE82A-RSR

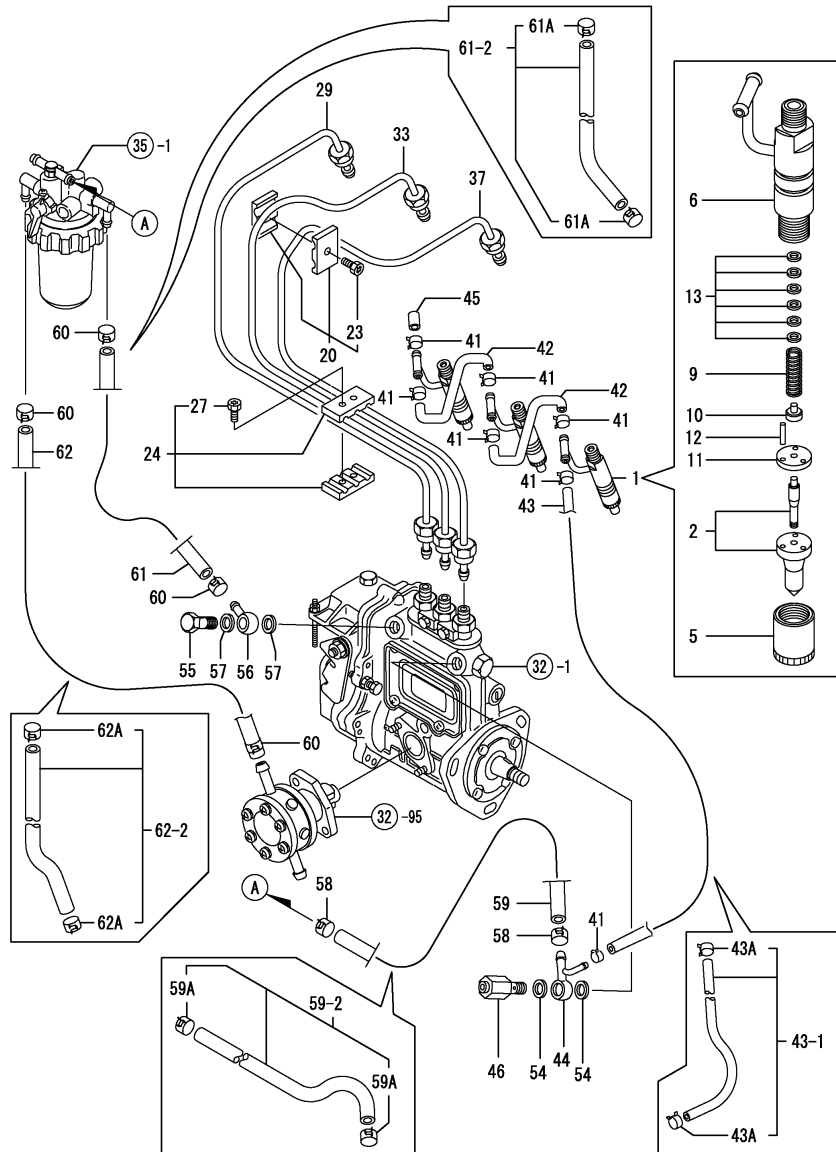
(B)=

(C)=

(D)=

(E)=

(F)=

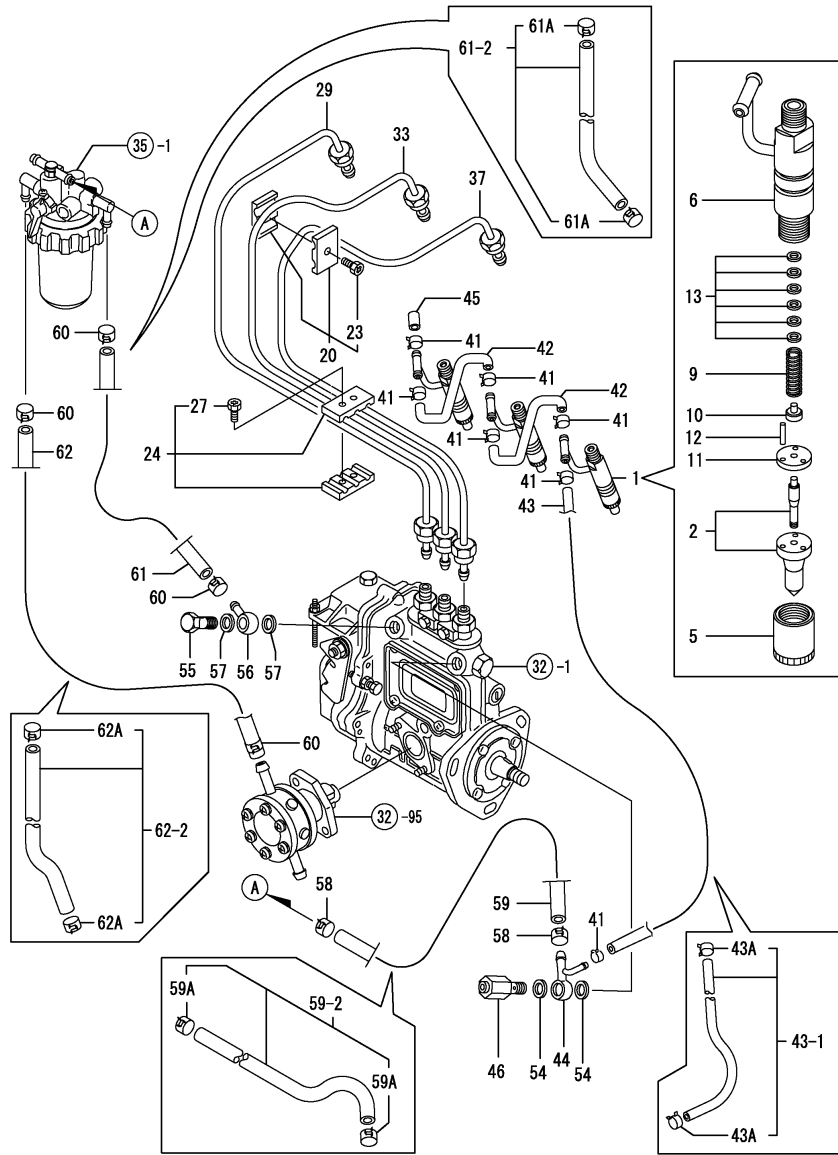


REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729500-53200	VALVE ASSY, F.INJECT	3							
2	2	129500-53050	NOZZLE ASSY,F.INJECT	3							
5	2	114250-53080	NUT, NOZZLE CASE	3							
6	2	129100-53100	HOLDER ASSY, NOZZLE	3							
9	2	114250-53120	SPRING, NOZZLE	3							
10	2	114250-53130	SEAT, NOZZLE SPRING	3							
11	2	114250-53140	PLATE, STOP	3							
12	2	114250-53210	PIN	6							
13	2	114250-53400	SHIM PACK	3							
20	1	119305-59120	RETAINER	1							
23	2	129150-59131	BOLT M4X14,HEX.SCKT.	1							
24	1	129150-59120	RETAINER, INJ. PIPE	1							
27	2	129150-59131	BOLT M4X14,HEX.SCKT.	2							
29	1	119813-59811	PIPE, FUEL INJECTION	1							
I 29-1	1	119813-59812	PIPE, F.INJECT (NO.1	1							N
		(A=E47110)									
33	1	119813-59821	PIPE, FUEL INJECTION	1							
37	1	119813-59831	PIPE, FUEL INJECTION	1							
41	1	124066-59100	CLAMP 8	7							
I 41-1	1	124066-59100	CLAMP 8	5							K
		(A=E47110)									
42	1	121250-59550	PIPE, FUEL	2							
43	1	119840-59560	PIPE, FUEL RETURN	1							
I 43-1	1	119840-59500	PIPE ASSY, RETURN	1							N
		(A=E47110)									
I 43A	2	124066-59100	CLAMP 8	2							W
		(A=E47110)									
44	1	119840-59570	JOINT	1							
45	1	129150-59580	CAP	1							
46	1	129100-59951	VALVE ASSY, CHECK	1							
I 46-1	1	119813-59950	VALVE ASSY, CHECK	1							N
		(A=E83546)									
54	1	23414-120000	GASKET 12, ROUND	2							
I 54-1	1	22190-120002	SEAL WASHER 12	2							N
		(A=E59193)									
55	1	103854-39140	BOLT, PIPE JOINT	1							
56	1	101304-59020	JOINT 12, PIPE	1							
57	1	104200-59170	GASKET 12	2							
57-1	1	22190-120002	SEAL WASHER 12	2							N
		(A=E12090)									
I 58	1	124766-59050	CLAMP 12	2							Z
		(A=E51683)									
59	1	129255-59580	PIPE, FUEL	1							
59-1	1	105025-59750	PIPE, FUEL OIL	1							N
		(A=E47110)									
I 59-2	1	129210-59130	PIPE ASSY, FUEL OIL	1							N
		(A=E47110)									
I 59A	2	124766-59050	CLAMP 12	2							W
		(A=E47110)									
I 60	1	124766-59050	CLAMP 12	4							Z
		(A=E47110)									

Remarks  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.23.



Fig.34. FUEL INJECTION VALVE



Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.

0CNP3-G33200 34. FUEL INJECTION VALVE

(A)=3TNE82A-RSR

(B)=

(C)=

(D)=

(E)=

(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
61	1	129555-59510	PIPE, FUEL	1							
61-1	1	129150-59511	PIPE, FUEL OIL	1							N
(A=FROM 1ST)											
I 61-2	1	129210-59030	PIPE ASSY, FUEL OIL	1							N
(A=E47110)											
I 61A	2	124766-59050	CLAMP 12	2							W
(A=E47110)											
62	1	129255-59580	PIPE, FUEL	1							N
62-1	1	105025-59750	PIPE, FUEL OIL	1							N
(A=E47110)											
I 62-2	1	129210-59130	PIPE ASSY, FUEL OIL	1							N
(A=E47110)											
I 62A	2	124766-59050	CLAMP 12	2							W
(A=E47110)											

Fig.35. FUEL FILTER

(A)=3TNE82A-RSR

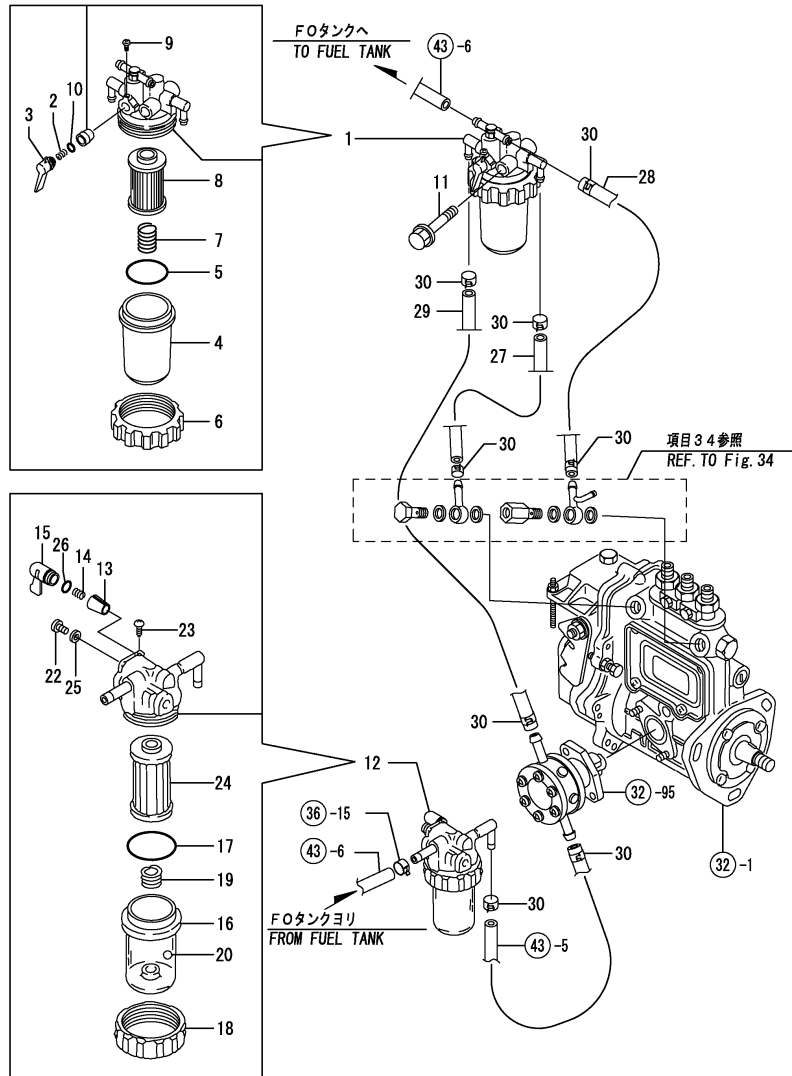
(B)=

(C)=

(D)=

(E)=

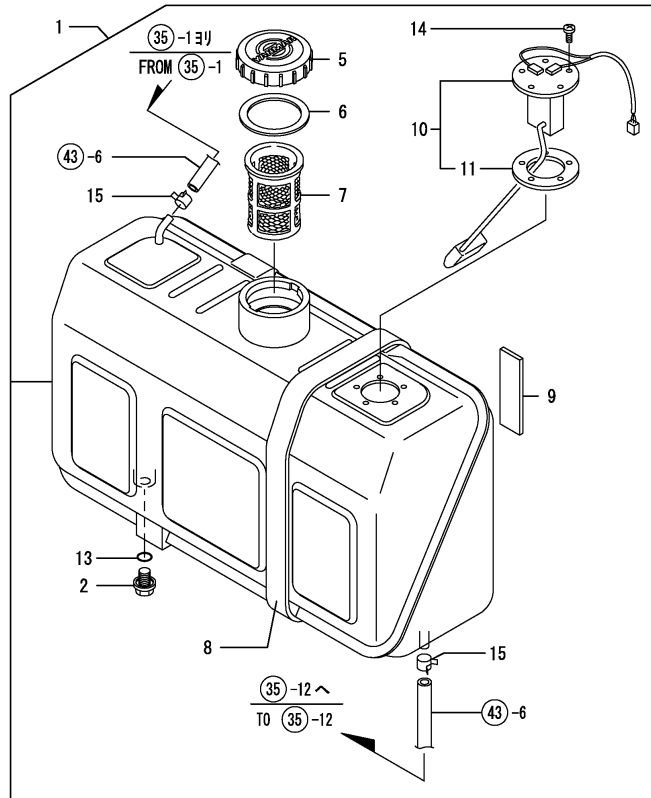
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119833-55620	STRAINER ASSY, FUEL	1							
2	2	104200-55330	SPRING, TAPER VALVE	1							
3	2	119810-55340	LEVER	1							
4	2	121254-55510	CUP, STRAINER	1							
5	2	102103-55520	O-RING	1							
6	2	110250-55610	RING, RETAINING	1							
7	2	121250-55620	SPRING	1							
8	2	119810-55650	ELEMENT	1							
9	2	104200-55750	SCREW M 4	1							
10	2	24311-240100	O-RING 1A P-10A	1							
11	1	26014-080702	BOLT W/WASHER M8X 70	1							
12	1	129335-55700	SEPARATOR, WATER	1							
13	2	104200-55321	VALVE, TAPER	1							
14	2	104200-55330	SPRING, TAPER VALVE	1							
15	2	104200-55341	HANDLE, COCK	1							
16	2	124064-55510	BOWL, FUEL STRAINER	1							
17	2	102103-55520	O-RING	1							
18	2	110250-55610	RING, RETAINING	1							
19	2	121257-55720	SPRING, SCREEN	1							
20	2	121257-55731	FLOAT	1							
22	2	101720-55750	PLUG 6	2							
23	2	104200-55750	SCREW M 4	1							
24	2	171081-55910	SCREEN	1							
25	2	23418-060000	GASKET 6, NYLON	2							
26	2	24311-240100	O-RING 1A P-10A	1							
27	1	23980-730150	HOSE 7.3X150,BRAIDED	1							Z 1
(A=FROM 1ST)											
28	1	23980-730240	FUEL PIPE 7.3X240	1							Z 1
(A=FROM 1ST)											
29	1	23980-730540	FUEL PIPE 7.3X540	1							Z 1
(A=FROM 1ST)											
30	1	23000-013000	CLAMP 13	8							
30-1	1	23000-013000	CLAMP 13	2							K
(A=FROM 1ST)											

Remarks  
 (1) REFER TO FIG.34.  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.

Fig.36. FUEL TANK



OCNP3-G33200 36. FUEL TANK

(A)=3TNE82A-RSR

(B)=

(C)=

(D)=

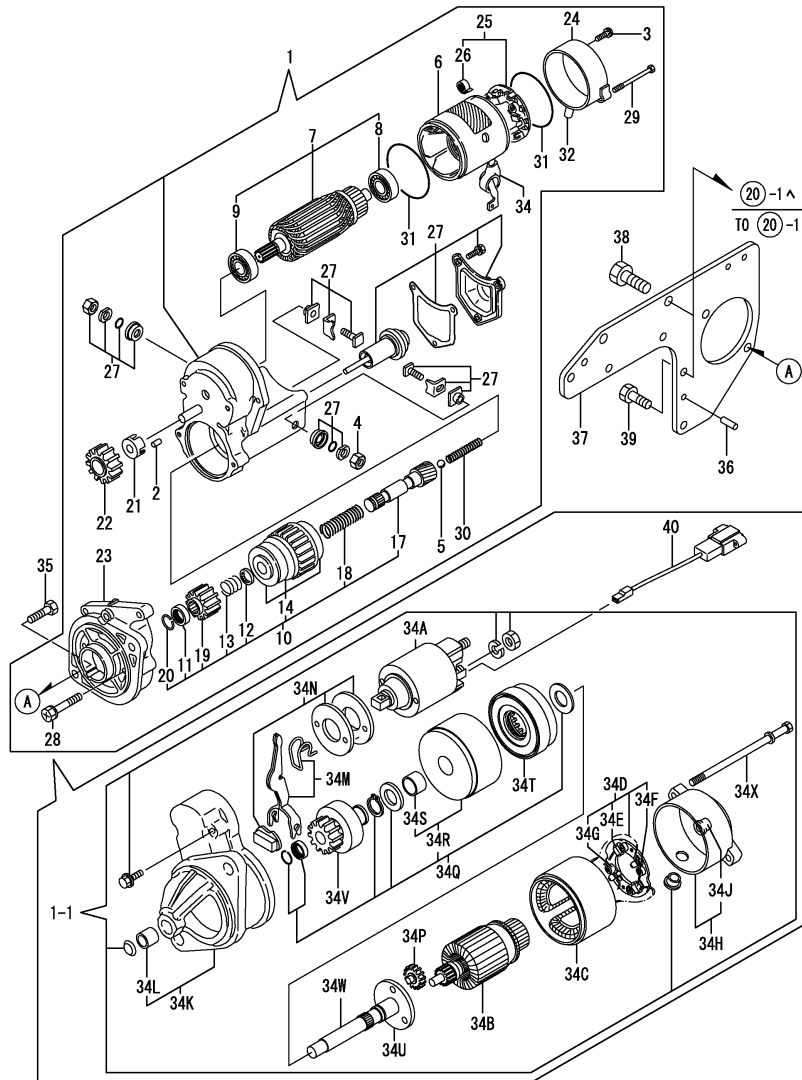
(E)=

(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129065-55010	TANK,F.O. CMP	1							
2	2	124060-01640	PLUG M12	1							
5	2	105302-55040	COVER	1							
6	2	101504-55051	GASKET, TANK CAP	1							
7	2	101504-55101	STRAINER,FUEL INLET	1							
8	2	121400-55830	SEAT, RUBBER	2							
9	2	121400-55870	FELT 30X105X5	2							
10	2	198290-56600	GAUGE COMPL.,FUEL	1							
11	3	194420-56620	GASKET	1							
13	2	24311-000140	O-RING 1A P-14.0	1							
14	2	26557-050122	SCREW M 5X 12	5							
15	1	23000-013000	CLAMP 13	4							

Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.

Fig.37. STARTING MOTOR



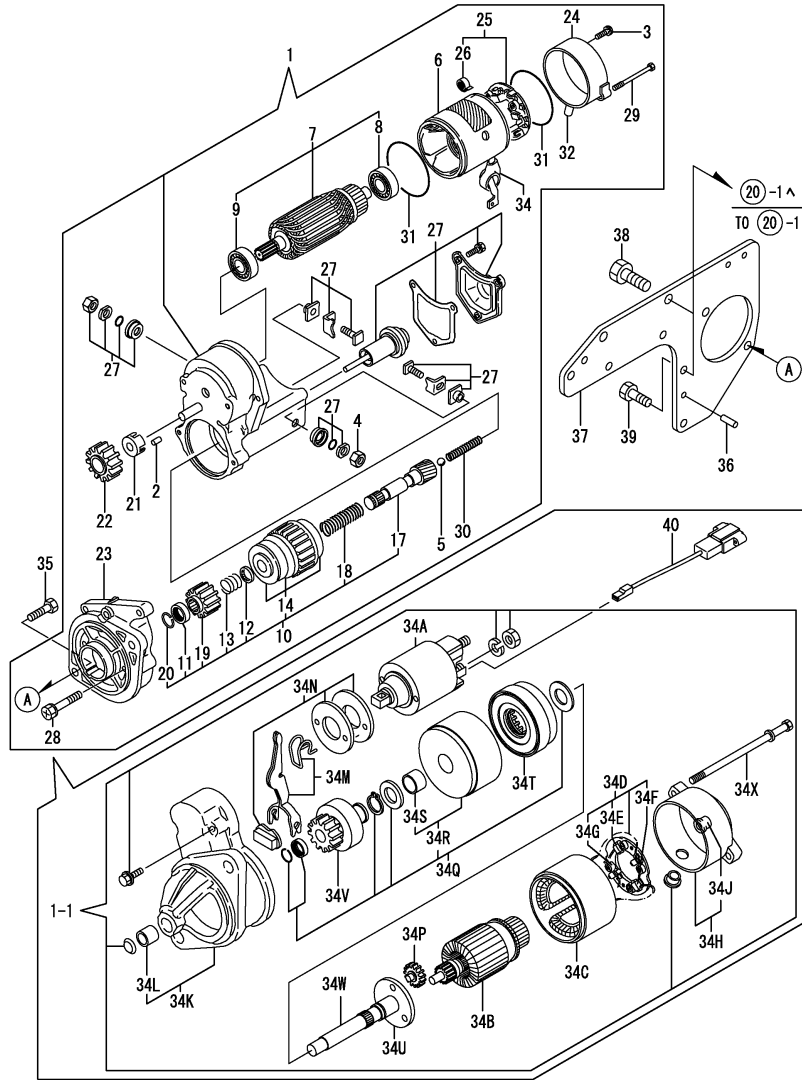
Remarks  
 (1) REF.NO.1-1 & 40 INTERCHANGEABLE BY SET.  
 (REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.23.

(A)=3TNE82A-RSR  
 (B)=  
 (C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129129-77010	STARTER ASSY	1							
1-1	1	129698-77010	STARTER	1							N 1
		(A=E40958)									
2	2	X0283060061	ROLLER	5							Z
		(A=E40958)									
3	2	X0289030010	SCREW	2							
3-1	2	129129-77460	SCREW	2							R
		(A=E40958)									
3-2	2	129129-77460	SCREW	1							Z
		(A=E40958)									
4	2	X9490561370	NUT	1							Z
		(A=E40958)									
5	2	X9491200240	BALL	1							Z
		(A=E40958)									
6	2	129129-77210	YOKE ASSY	1							Z
		(A=E40958)									
7	2	129129-77220	ARMATURE ASSY	1							Z
		(A=E40958)									
8	3	129129-77230	BEARING	1							Z
		(A=E40958)									
9	3	129129-77240	BEARING	1							Z
		(A=E40958)									
10	2	129129-77250	STARTER ASSY	1							Z
		(A=E40958)									
11	3	X0280210230	NUT	1							Z
		(A=E40958)									
12	3	X0283270140	RETAINER	1							Z
		(A=E40958)									
13	3	X9491703371	SPRING, COIL	1							Z
		(A=E40958)									
14	3	129129-77390	CLUTCH ASSY, STARTER	1							Z
		(A=E40958)									
17	3	129129-77400	SHAFT	1							Z
		(A=E40958)									
18	3	129129-77410	SPRING, COIL	1							Z
		(A=E40958)									
19	3	129129-77420	PINION	1							Z
		(A=E40958)									
20	3	129129-77430	RING	1							Z
		(A=E40958)									
21	2	129129-77260	RETAINER	1							Z
		(A=E40958)									
22	2	129129-77270	PINION	1							Z
		(A=E40958)									
23	2	129129-77280	HOUSING	1							Z
		(A=E40958)									
24	2	129129-77290	FRAME	1							Z
		(A=E40958)									
25	2	129129-77300	HOLDER ASSY	1							Z
		(A=E40958)									
26	3	X9491730461	SPRING	4							Z

Fig.37. STARTING MOTOR



Remarks  
 (1) REF.NO.1-1 & 40 INTERCHANGEABLE BY SET.  
 (REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.23.

(A)=3TNE82A-RSR

(B)=

(C)=

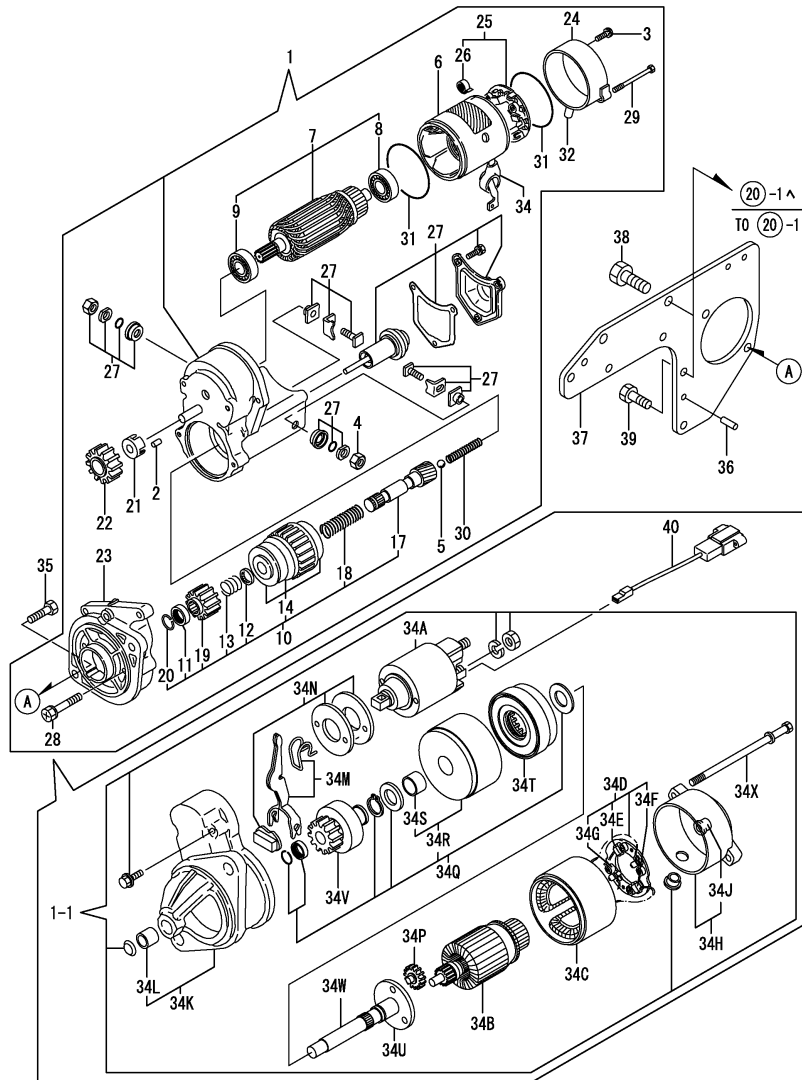
(D)=

(E)=

(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=E40958)									
27	2	129129-77310	SWITCH ASSY	1							Z
		(A=E40958)									
28	2	129129-77320	BOLT	2							Z
		(A=E40958)									
29	2	129129-77330	BOLT	2							Z
		(A=E40958)									
30	2	129129-77340	SPRING	1							Z
		(A=E40958)									
31	2	129129-77350	O-RING	2							Z
		(A=E40958)									
32	2	129129-77361	BUSH, DRAIN	1							
32-1	2	129129-77362	COVER	1							R
		(A=E40958)									
32-2	2	129129-77362	COVER	1							Z
		(A=E40958)									
34	2	129129-77380	CAP	1							Z
		(A=E40958)									
34A	2	129698-77020	MAGNETIC SWITCH ASSY	1							W
		(A=E40958)									
34B	2	129698-77100	ARMATURE ASSY	1							W
		(A=E40958)									
34C	2	129698-77110	COIL ASSY, FIELD	1							W
		(A=E40958)									
34D	2	129698-77120	HOLDER ASSY,BRUSH	1							W
		(A=E40958)									
34E	3	129698-77140	BRUSH(+) SET	1							W
		(A=E40958)									
34F	3	129698-77130	BRUSH (-)	2							W
		(A=E40958)									
34G	3	129698-77150	SPRING, BRUSH	4							W
		(A=E40958)									
34H	2	129698-77160	COVER ASSY, REAR	1							W
		(A=E40958)									
I 34H-1	2	129698-77161	COVER ASSY, REAR	1							R
		(A=E64468)									
34J	3	129698-77170	REAR COVER METAL	1							W
		(A=E40958)									
34K	2	129698-77260	HOUSING ASSY, GEARS	1							W
		(A=E40958)									
34L	3	X2114535200	METAL, STARTER	1							W
		(A=E40958)									
34M	2	129698-77270	LEVER, SHIFT	1							W
		(A=E40958)									
34N	2	129698-77280	COVER ASSY, DUST	1							W
		(A=E40958)									
34P	2	129698-77240	GEAR	3							W
		(A=E40958)									
34Q	2	129698-77250	WASHER SET	1							W
		(A=E40958)									
34R	2	129698-77180	BRACKET	1							W

Fig.37. STARTING MOTOR



(A)=3TNE82A-RSR

(B)=

(C)=

(D)=

(E)=

(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
		(A=E40958)										
34S	3	129698-77190	BRACKET	1								W
		(A=E40958)										
34T	2	129698-77200	INTERNAL GEAR	1								W
		(A=E40958)										
34U	2	129698-77210	BRACKET	1								W
		(A=E40958)										
34V	2	129698-77220	PINION ASSY	1								W
		(A=E40958)										
34W	2	129698-77230	SHAFT(PINION	1								W
		(A=E40958)										
34X	2	124195-77770	THROUGH BOLT	2								W
		(A=E40958)										
35	1	26116-120252	BOLT M12X 25 PLATED		2							
36	1	129100-01580	PARALLEL PIN 8X16		1							
37	1	129065-77040	BRACKET, STARTER		1							
38	1	26116-120202	BOLT M12X 20 PLATED		2							
39	1	26206-100202	BOLT M10X20		4							
40	1	129052-77951	CONNECTOR		1							W 1
		(A=E40958)										
40-1	1	129052-77951	CONNECTOR		1							Z
		(A=E40986)										

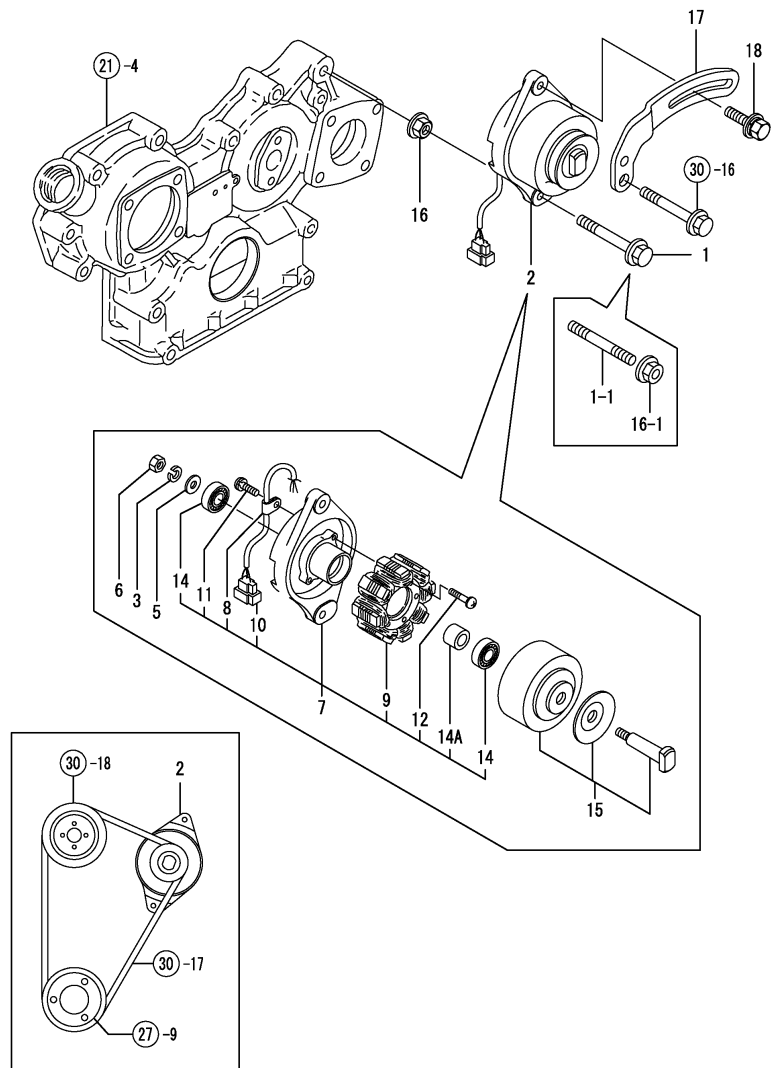
Remarks

(1) REF.NO.1-1 & 40 INTERCHANGEABLE BY SET.  
 (REMARKS)"EFFECTIVE MACHINE NO." OF ENGINE IS INDICATED ON THE ENGINE LABEL WHICH IS SHOWN IN FIG.23.

Fig.38. GENERATOR

(A)=3TNE82A-RSR  
(B)=  
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-100652	BOLT M10X 65 PLATED	1							
1-1	1	129795-01900	STUD	1							N
(A=EXXX)											
2	1	129150-77202	GENERATOR	1							
2-1	1	129150-77203	DINAMO ASSY	1							N
(A=EXXXXX)											
3	2	XM219230000	WASHER, SPRING	1							
5	2	XM860250000	WASHER 10	1							
6	2	XM863720000	NUT	1							
7	2	129150-77210	PLATE ASSY	1							
8	3	XM069000000	CLAMP	1							
9	3	XM081780000	STATOR	1							
10	3	XM178780000	COUPLER	1							
10-1	3	XM771860000	COUPLER	1							N
(A=EXXX)											
11	3	XYSPS400800	SCREW	1							
12	3	XYSPS402400	SCREW	2							
14	3	24107-062010	BALL BEARING	2							
14-1	3	24104-062010	BALL BEARING	2							R
(A=E71310)											
14A	3	XM329830000	COLLAR	1							W
(A=EXXX)											
15	2	129150-77230	FLYWHEEL ASSY	1							
15-1	2	X3A08863KA	FLYWHEEL ASSY (12P)	1							N
(A=EXXX)											
15-2	2	129150-77280	FLYWHEEL ASSY	1							N
(A=EXXXXX)											
16	1	26366-100002	NUT M10	2							
16-1	1	26366-100002	NUT M10	1							K
(A=EXXX)											
16-2	1	26306-100002	NUT	1							N
(A=EXXX)											
17	1	119810-77330	ADJUSTER	1							
17-1	1	119808-77330	ADJUSTER, V-BELT	1							N
(A=FROM 1ST)											
18	1	26014-080252	BOLT M 8X 25	1							
18-1	1	119810-77340	BOLT	1							N
(A=E44193)											

Remarks  
(REMARKS)"EFFECTIVE MACHINE NO." OF  
ENGINE IS INDICATED ON THE  
ENGINE LABEL WHICH IS SHOWN  
IN FIG.23.

Fig.39. ELECTRICAL PARTS

(A)=3TNE82A-RSR

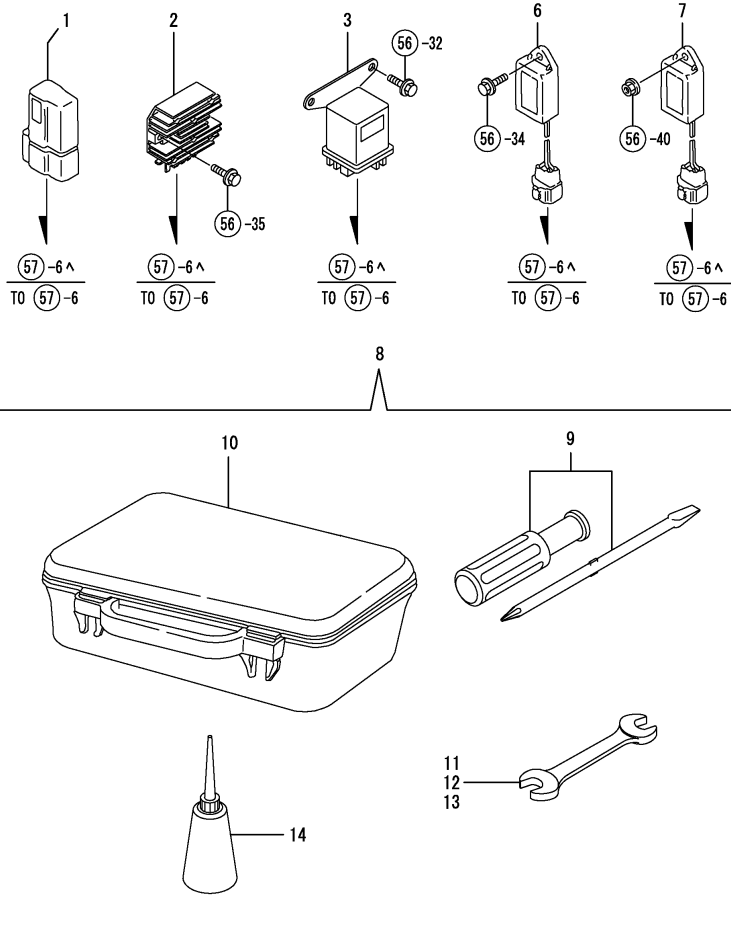
(B)=

(C)=

(D)=

(E)=

(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119643-66900	DIODE	1							
2	1	129150-77710	CURRENT LIMITER(20A)	1							
I 2-1	1	119666-77710	LIMITTER, CURRENT	1							R
			(A=E58890)								
3	1	119650-77910	RELAY, GROW	1							
6	1	119632-77920	TIMER	1							
I 6-1	1	119632-77922	TIMER	1							N
			(A=E49191)								
I 6-2	1	129211-77920	TIMER	1							N
			(A=E58890)								
7	1	128300-77920	TIMER	1							
8	1	171001-93100	TOOL ASSY	1							
8-1	1	721400-92102	TOOL ASSY	1							R
			(A=E58890)								
9	2	104200-92350	DRIVER, SCREW	1							
10	2	104200-92600	BOX, TOOL	1							
11	2	28110-100120	WRENCH 10X12	1							
12	2	28110-140170	WRENCH 14X17	1							
13	2	28110-190220	WRENCH 19X22	1							
14	2	28210-000140	FEEDER, OIL	1							

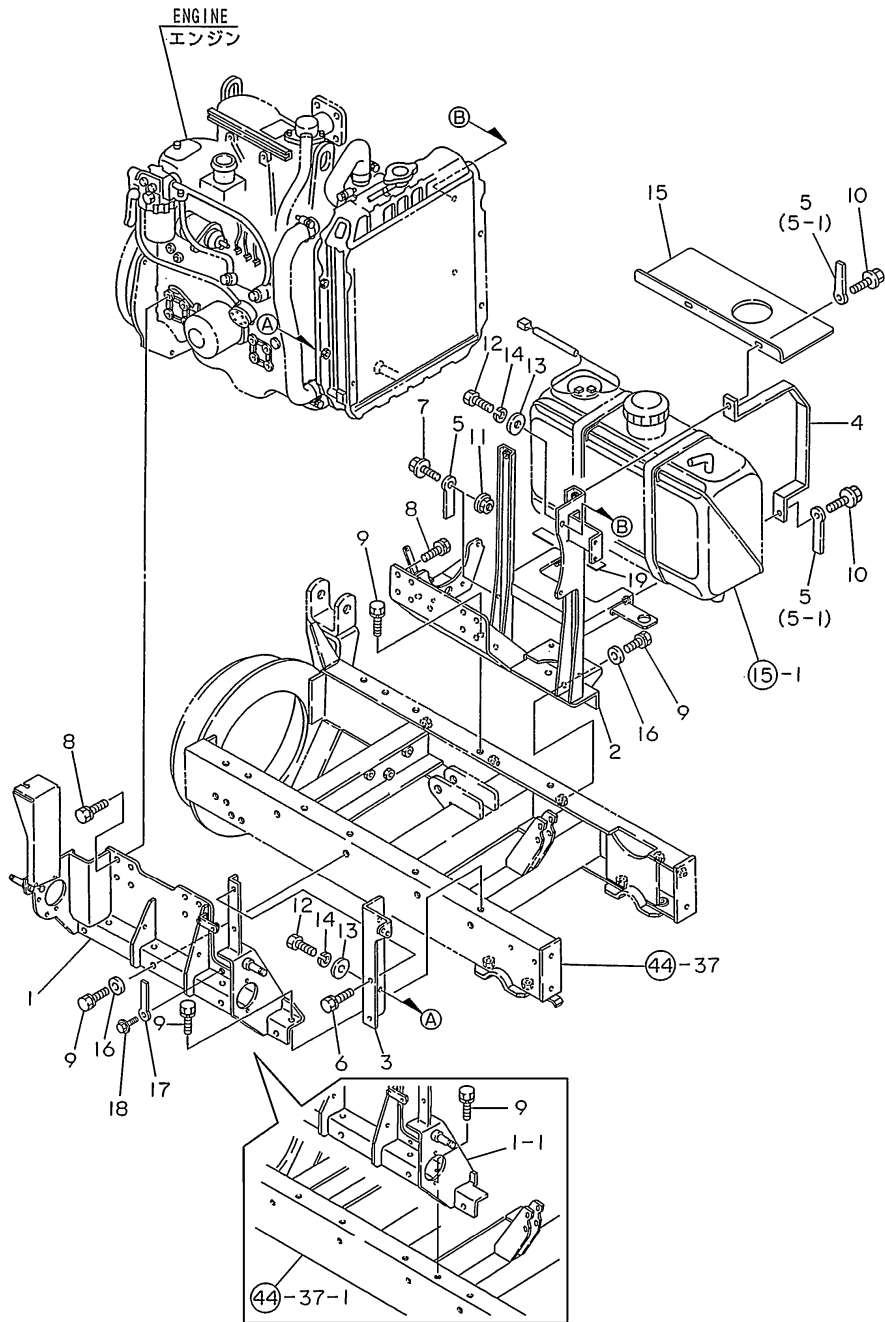
Remarks  
 (REMARKS)"EFFECTIVE MACHINE NO." OF  
 ENGINE IS INDICATED ON THE  
 ENGINE LABEL WHICH IS SHOWN  
 IN FIG.23.



Fig.40. ENGINE MOUNTING

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3210-21000	BASE (L)ASSY, ENGINE	1	1						
I	1-1	1N3210-21001	BASE (L)ASSY, ENGINE	1	1						S
		(A=F902206) (B=F902272)									
2	1	1N3210-22000	BASE (R)	1	1						
3	1	1N3220-29030	STAY L, RADIATOR	1	1						
3-1	1	1N3220-23000	STAY L CMP.,RADIATOR	1	1						R
		(A=F801831) (B=F801901)									
4	1	1N3240-29020	TANK BAND	2	2						
5	1	1N1600-75140	CLAMP 10X110,CORD	4	4						
I	5-1	1N1600-75140	CLAMP 10X110,CORD	3	3						K
		(A=F902206) (B=F902272)									
6	1	1N1600-74520	BOLT 8X20 W/SP.WSHR.	2	2						
6-1	1	26106-080202	BOLT M 8X 20 PLATED	2	2						R
		(A=F603315) (B=F603398)									
I	7	26106-080162	BOLT M 8X 16 PLATED	1	1						Z
		(A=F902206) (B=F902272)									
8	1	1N1600-74420	BOLT 10X22 W/SP.WSHR	16	16						
8-1	1	26013-100202	BOLT W/WASHER M10X20	16	16						R
		(A=F603315) (B=F603398)									
9	1	1N1600-74760	BOLT 12X30 W/SP.WSHR	14	14						
9-1	1	26013-120302	BOLT W/WASHER M12X30	14	14						R
		(A=F603315) (B=F603398)									
10	1	26106-080302	BOLT M 8X 30 PLATED	4	4						
I	11	26367-080002	U-NUT M 8	1	1						Z
		(A=F902206) (B=F902272)									
12	1	26117-080162	BOLT M 8X 16 PLATED	4	4						
13	1	22137-080000	WASHER 8, POLISHED	4	4						
14	1	22217-080000	SPRING WASHER 8	4	4						
15	1	1N3240-29030	RUBBER,TANK	1	1						W
		(A=F603315) (B=F603398)									
16	1	22137-120000	WASHER 12,POLISHED	7	7						W
		(A=F603315) (B=F603398)									
I	17	1N1600-75120	CLAMP 8X80,CORD	1	1						W
		(A=F705442) (B=F705539)									
I	18	26106-080162	BOLT M 8X 16 PLATED	1	1						W
		(A=F705442) (B=F705539)									
I	19	1N3240-29060	RUBBER,TANK UNDER	1	1						W
		(A=F003351) (B=F003391)									

Fig.41. ENGINE MOUTING

(A)=YSR1820

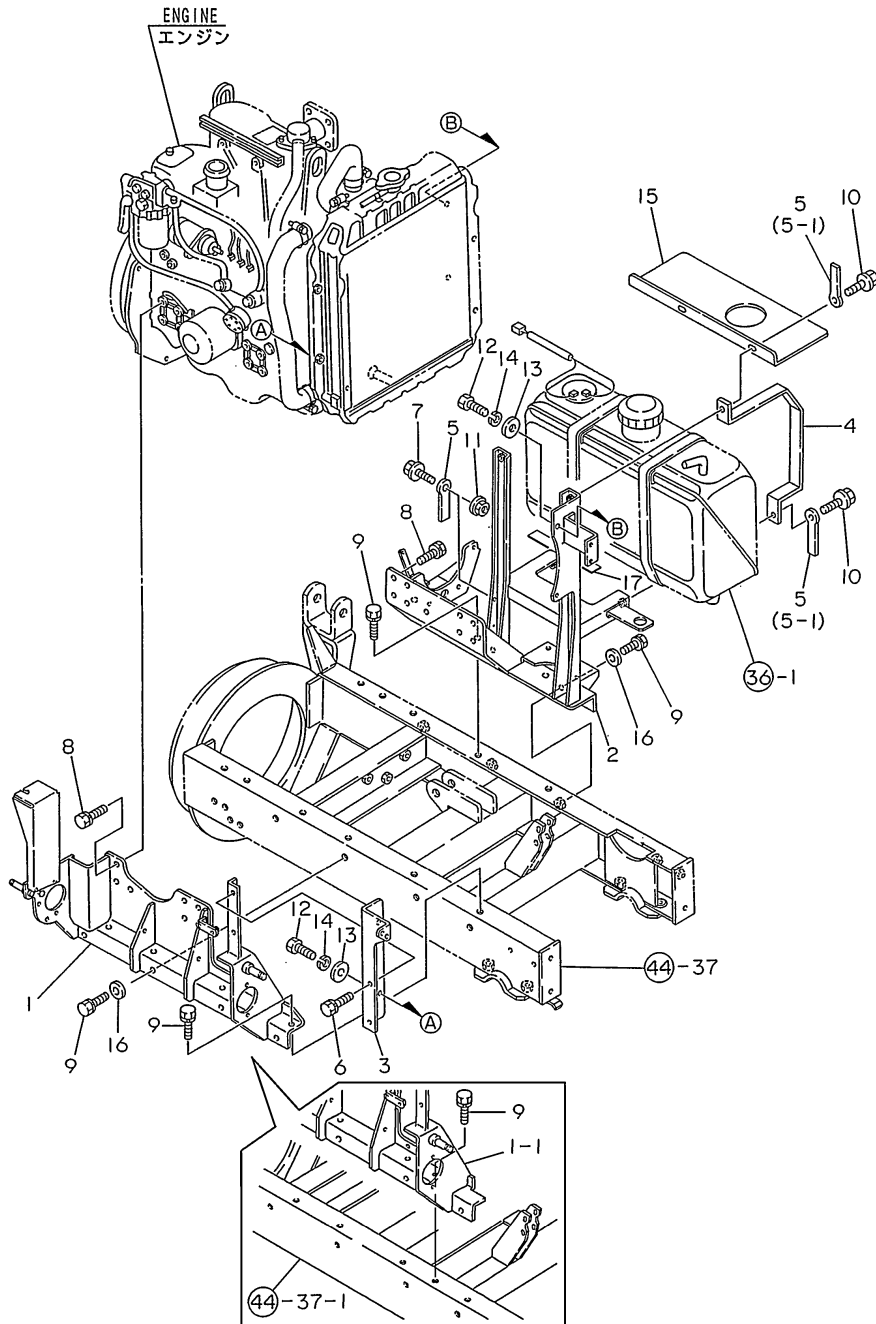
(B)=YSR2220

(C)=YSR2720

(D)=

(E)=

(F)=

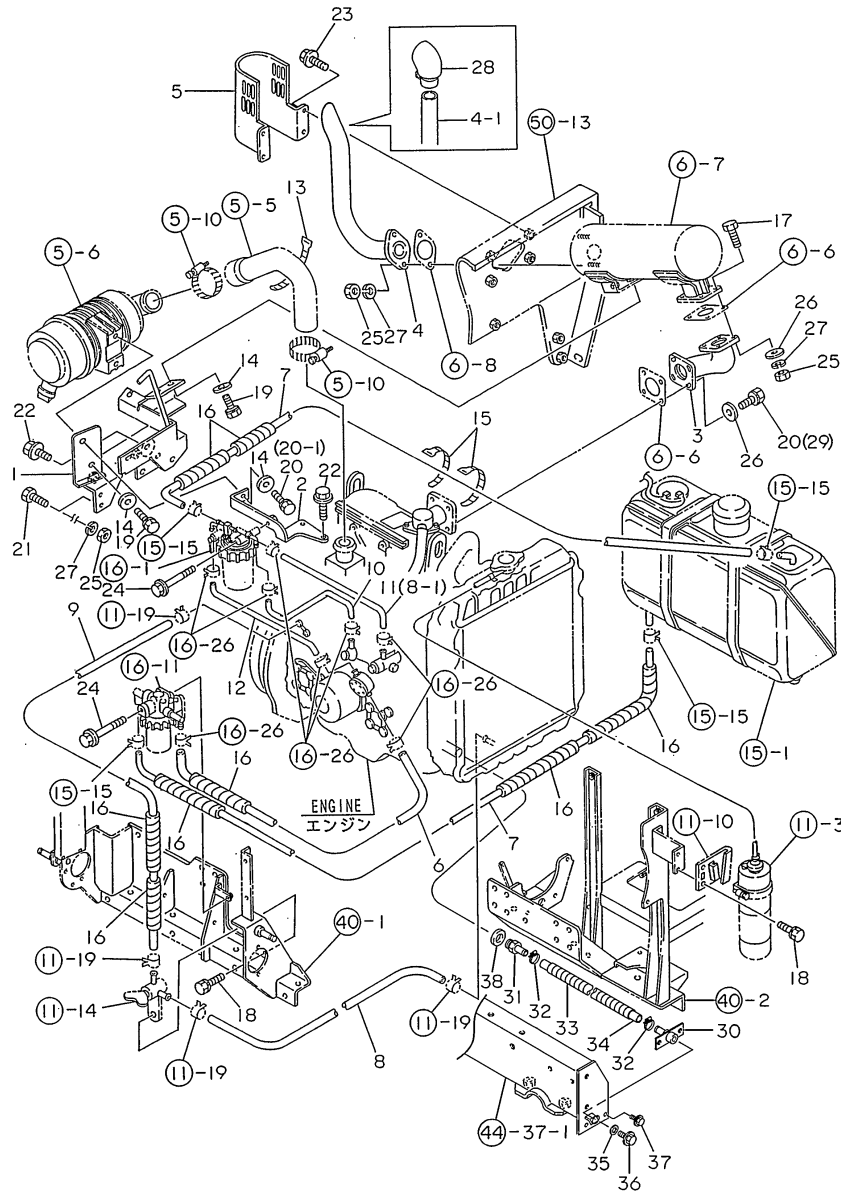


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3220-21000	BASE (L)ASSY, ENGINE			1					
I 1-1	1	1N3220-21001	BASE (L)ASSY, ENGINE (C=F902316)			1					S
2	1	1N3220-22000	BASE (R)			1					
3	1	1N3220-29030	STAY L, RADIATOR			1					
3-1	1	1N3220-23000	STAY L CMP.,RADIATOR (C=F801951)			1					R
4	1	1N3240-29020	TANK BAND			2					
5	1	1N1600-75140	CLAMP 10X110,CORD			4					
I 5-1	1	1N1600-75140	CLAMP 10X110,CORD (C=F902316)			3					K
6	1	1N1600-74520	BOLT 8X20 W/SP.WSHR.			2					
6-1	1	26106-080202	BOLT M 8X 20 PLATED (C=F603463)			2					R
I 7	1	26106-080162	BOLT M 8X 16 PLATED (C=F902316)			1					Z
8	1	26013-120252	BOLT M12X 25			15					
9	1	1N1600-74760	BOLT 12X30 W/SP.WSHR			14					
9-1	1	26013-120302	BOLT W/WASHER M12X30 (C=F603463)			14					R
10	1	26106-080302	BOLT M 8X 30 PLATED			4					
I 11	1	26367-080002	U-NUT M 8 (C=F902316)			1					Z
12	1	26117-080162	BOLT M 8X 16 PLATED			4					
13	1	22137-080000	WASHER 8, POLISHED			4					
14	1	22217-080000	SPRING WASHER 8			4					
15	1	1N3240-29030	RUBBER,TANK (C=F603463)			1					W
16	1	22137-120000	WASHER 12,POLISHED (C=F603463)			7					W
I 17	1	1N3240-29060	RUBBER,TANK UNDER (C=F003521)			1					W

Fig.42. ENGINE RELATED

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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



Remarks  
(1)THE INDEX NO.4 IS COMPAILBLE  
WITH A SET OF 4-1 AND 28.

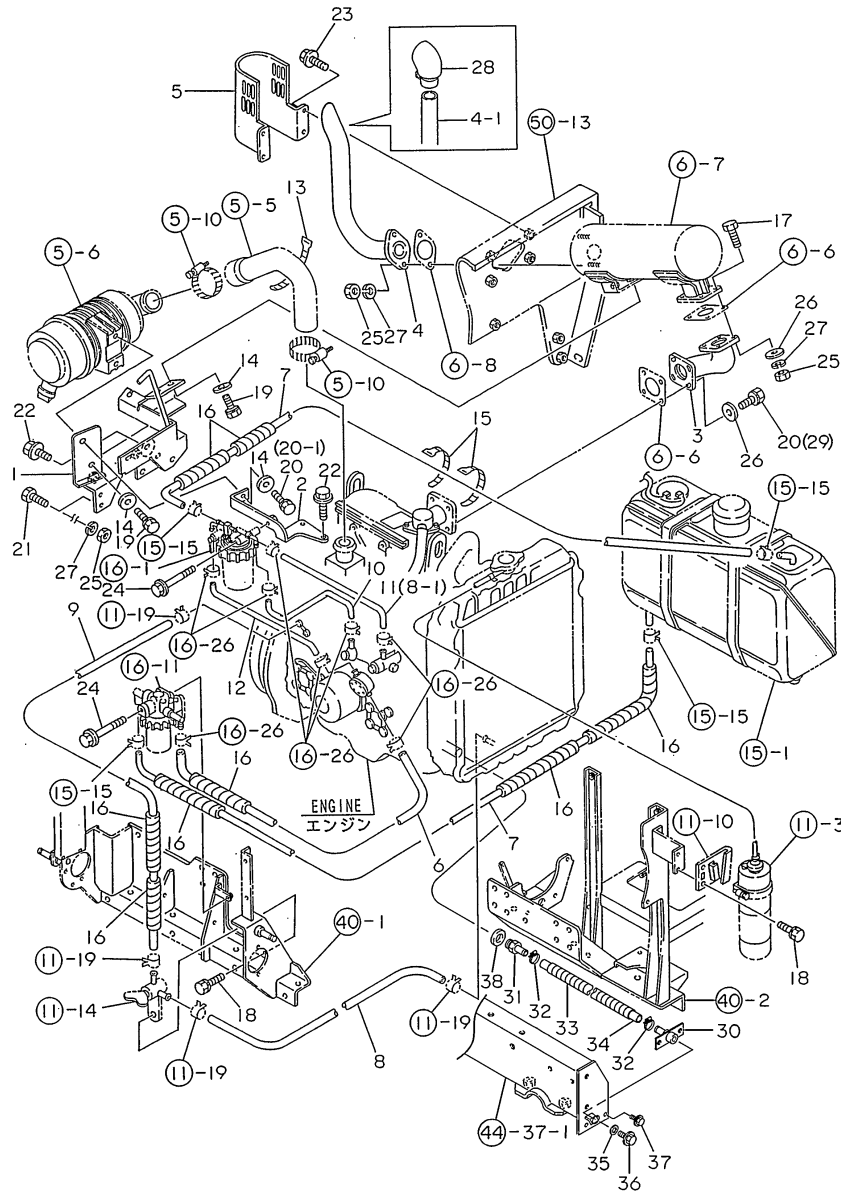
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3210-24000	BRACKET CMP,A/CLEANR	1	1						
2	1	1N3210-23000	BRACKET CMP,STRAINER	1	1						
3	1	1N3210-31000	PIPE A COMP.,EXTN.	1	1						
4	1	1N3210-32000	PIPE B COMP.,EXTN.	1	1						
4-1	1	1N3220-32001	PIPE B COMP.,EXTN.	1	1					F	1
		(A=F603315) (B=F603398)									
5	1	1N3240-39020	COVER,EXH PIPE	1	1						
6	1	1N1600-79410	HOSE 7.5X450,BRAIDED	1	1						
7	1	1N1600-79420	HOSE 7.5X900,BRAIDED	2	2						
8	1	1N1600-79430	HOSE 7.5X200,BRAIDED	1	1						
I 8-1	1	1N1600-79430	HOSE 7.5X200,BRAIDED	2	2						K
		(A=F012661) (B=F012716)									
9	1	1N1600-79160	HOSE 7.5X500,BRAIDED	1	1						
10	1	1N1600-79440	HOSE 7.5X150,BRAIDED	1	1						
11	1	1N1600-79450	HOSE 7.5X230,BRAIDED	1	1						
11-1	1	1N1600-80590	HOSE 7.5X240,BRAIDED	1	1						N
		(A=F603315) (B=F603398)									
I 11-2	1	1N1600-80590	HOSE 7.5X240,BRAIDED	1	1						Z
		(A=F012661) (B=F012716)									
12	1	1N1600-79460	HOSE 7.5X520,BRAIDED	1	1						
12-1	1	1N1600-79580	HOSE 7.5X540,BRAIDED	1	1						N
		(A=F603315) (B=F603398)									
13	1	1N1600-74330	TIE RF250,REPEAT	1	1						
14	1	1N1600-77270	WASHER 8X25X3.2,RD	4	4						
14-1	1	22157-080000	WASHER 8	4	4						R
		(A=F603315) (B=F603398)									
15	1	1N1600-77210	TIE RF140,REPEAT	2	2						
16	1	1N1600-79210	PLUMMER 12X200	8	8						
17	1	26116-080304	BOLT M8 X 30 PLATED	4	4						
17-1	1	26106-080302	BOLT M 8X 30 PLATED	4	4						R
		(A=F603315) (B=F603398)									
18	1	26013-080162	BOLT W/WASHER M8X16	3	3						
18-1	1	26106-080162	BOLT M 8X 16 PLATED	3	3						R
		(A=F603315) (B=F603398)									
19	1	1N1600-74520	BOLT 8X20 W/SP.WSHR.	3	3						
19-1	1	26106-080202	BOLT M 8X 20 PLATED	3	3						R
		(A=F603315) (B=F603398)									
20	1	1N1600-74750	BOLT 8X25 W/SP.WSHR.	5	5						
20-1	1	26106-080252	BOLT M 8X 25 PLATED	1	1						R
		(A=F603315) (B=F603398)									
21	1	26116-080202	BOLT M 8X 20 PLATED	2	2						
21-1	1	26106-080202	BOLT M 8X 20 PLATED	2	2						R
		(A=F603315) (B=F603398)									
22	1	26106-060122	BOLT M 6X 12 PLATED	4	4						
23	1	26106-080122	BOLT M 8X 12 PLATED	4	4						
24	1	26106-080702	BOLT M 8X 70 PLATED	2	2						
25	1	26717-080002	NUT 8	8	8						
25-1	1	26367-080002	U-NUT M 8	8	8						R
		(A=F603315) (B=F603398)									
26	1	22137-080000	WASHER 8, POLISHED	8	8						Z
		(A=F603315) (B=F603398)									

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

Fig.42. ENGINE RELATED

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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



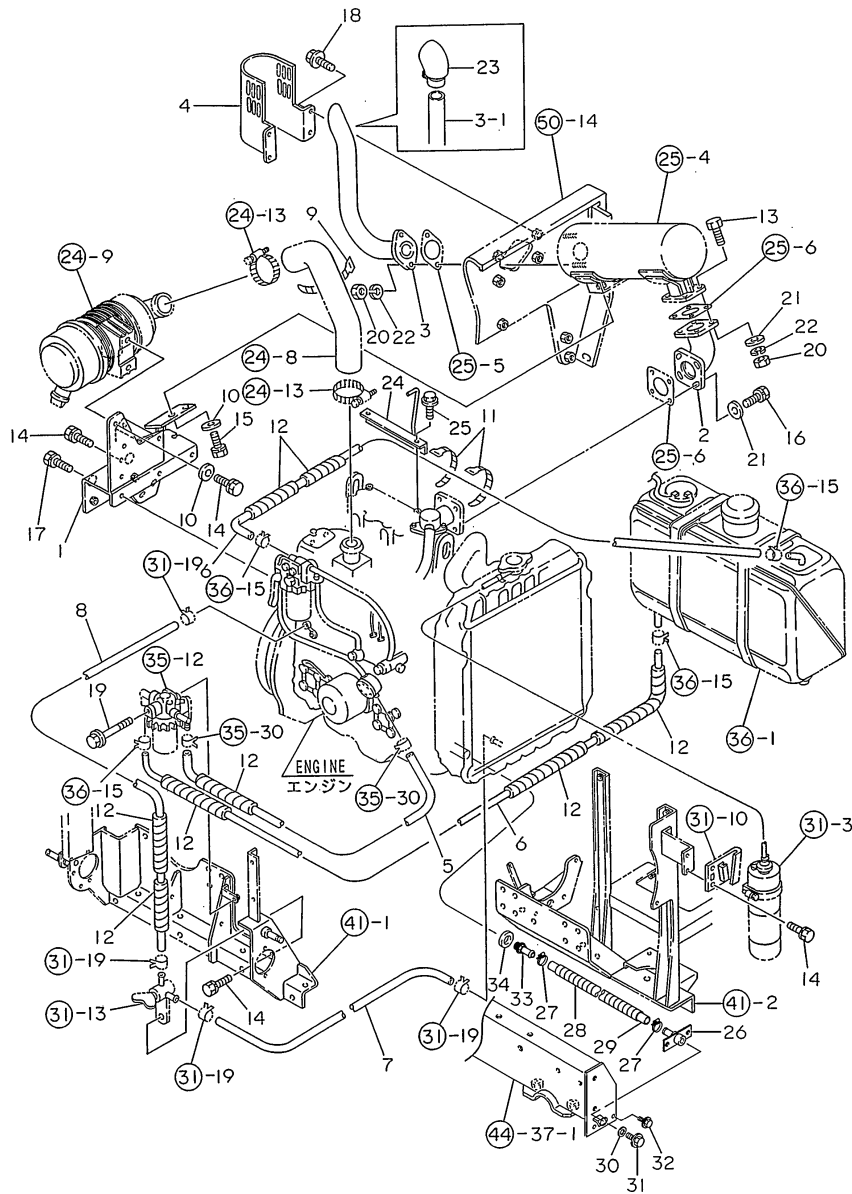
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
27	1	22217-080000 (A=F603315) (B=F603398)	SPRING WASHER 8	8	8						Z
28	1	1N3240-34000	CAP COMPL.,MUFFLER	1	1						W 1
29	1	26106-080202 (A=F603315) (B=F603398)	BOLT M 8X 20 PLATED	4	4						W
I 30	1	1N3250-28000 (A=F003351) (B=F003391)	JOINT COMP.,DRAIN	1	1						W
I 31	1	1N3240-29050 (A=F003351) (B=F003391)		1	1						W
I 32	1	1N1600-77310 (A=F003351) (B=F003391)	BAND 19,UNIVERSAL	2	2						W
I 33	1	1N1600-83120 (A=F003351) (B=F003391)		1	1						W
I 34	1	1N1600-83170 (A=F003351) (B=F003391)		1	1						W
I 35	1	1N1600-79590 (A=F003351) (B=F003391)	PACKG 12X22X2,RD.CU	1	1						W
I 36	1	26136-120162 (A=F003351) (B=F003391)		1	1						W
I 37	1	26106-080202 (A=F003351) (B=F003391)	BOLT M 8X 20 PLATED	2	2						W
I 38	1	22190-220002 (A=F003351) (B=F003391)	SEAL WASHER 22S	1	1						W

Remarks

(1)THE INDEX NO.4 IS COMPAILBLE WITH A SET OF 4-1 AND 28.

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.43. ENGINE RELATED



Remarks

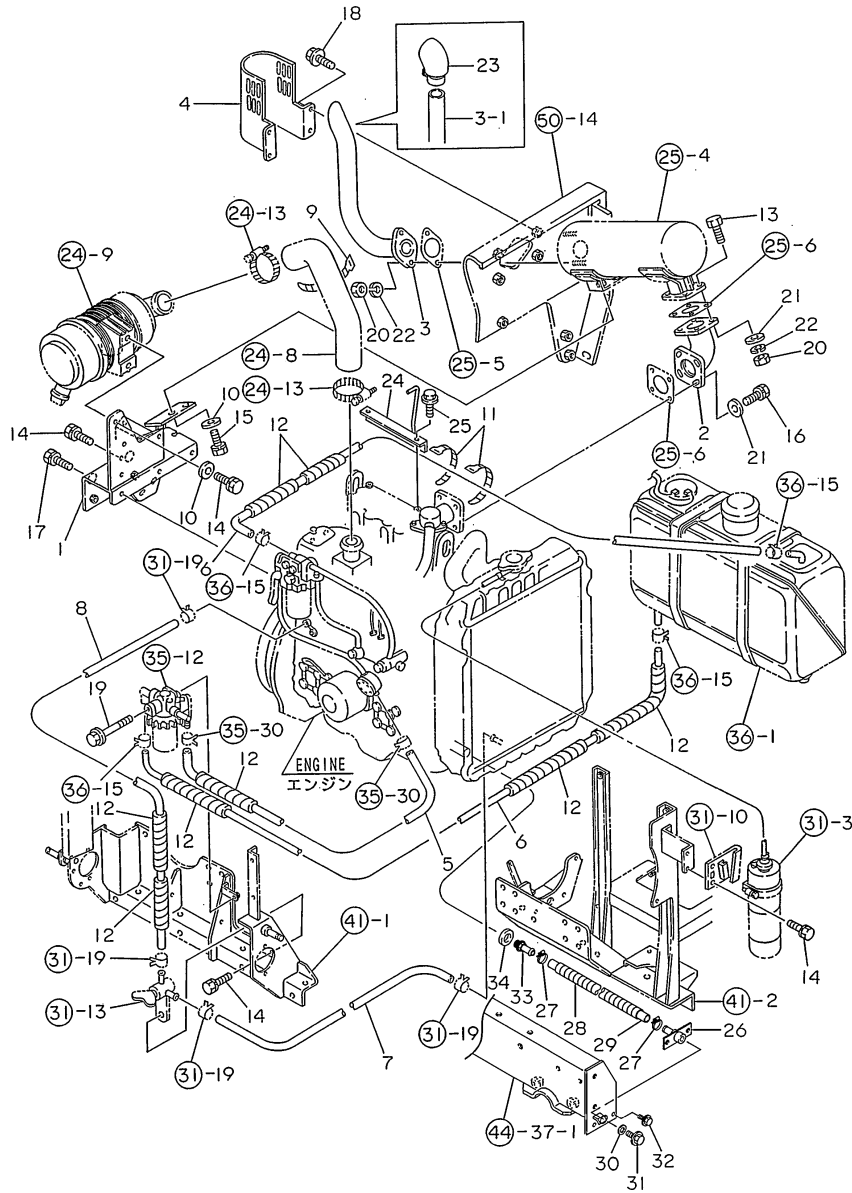
(1)THE INDEX NO.3 IS COMPAILBLE WITH A SET OF 3-1 AND 23.

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3220-24000	BRACKET CMP,A/CLEANR			1					
2	1	1N3220-31000	PIPE A COMP.,EXTN.			1					
3	1	1N3220-32000	PIPE B COMP.,EXTN.			1					
3-1	1	1N3220-32001	PIPE B COMP.,EXTN. (C=F603463)			1					F 1
4	1	1N3240-39020	COVER,EXH PIPE			1					
5	1	1N1600-79410	HOSE 7.5X450,BRAIDED			1					
6	1	1N1600-79420	HOSE 7.5X900,BRAIDED			2					
7	1	1N1600-79430	HOSE 7.5X200,BRAIDED			1					
8	1	1N1600-79160	HOSE 7.5X500,BRAIDED			1					
9	1	1N1600-74330	TIE RF250,REPEAT			1					
10	1	1N1600-77270	WASHER 8X25X3.2,RD			4					
10-1	1	22157-080000	WASHER 8 (C=F603463)			4					R
11	1	1N1600-77210	TIE RF140,REPEAT			2					
12	1	1N1600-79210	PLUMMER 12X200			8					
13	1	26116-080304	BOLT M8 X 30 PLATED			4					
13-1	1	26106-080302	BOLT M 8X 30 PLATED (C=F603463)			4					R
14	1	26013-080162	BOLT W/WASHER M8X16			9					
14-1	1	26106-080162	BOLT M 8X 16 PLATED (C=F603463)			9					R
15	1	1N1600-74520	BOLT 8X20 W/SP.WSHR.			2					
15-1	1	26106-080202	BOLT M 8X 20 PLATED (C=F603463)			2					R
16	1	1N1600-74750	BOLT 8X25 W/SP.WSHR.			4					
16-1	1	26106-080202	BOLT M 8X 20 PLATED (C=F603463)			4					S
17	1	26013-100252	BOLT W/WASHER M10X25			2					
18	1	26106-080122	BOLT M 8X 12 PLATED			4					
19	1	26106-080702	BOLT M 8X 70 PLATED			1					
20	1	26717-080002	NUT 8			6					
20-1	1	26367-080002	U-NUT M 8 (C=F603463)			6					R
21	1	22137-080000	WASHER 8, POLISHED (C=F603463)			8					Z
22	1	22217-080000	SPRING WASHER 8 (C=F603463)			6					Z
23	1	1N3240-34000	CAP COMPL.,MUFFLER (C=F603463)			1					W 1
24	1	1N3220-25000	HOLDER COMP.,WIRE (C=F801901)			1					W
25	1	26106-080162	BOLT M 8X 16 PLATED (C=F801901)			2					W
I 26	1	1N3250-28000	JOINT COMP.,DRAIN (C=F003451)			1					W
I 27	1	1N1600-77310	BAND 19,UNIVERSAL (C=F003451)			2					W
I 28	1	1N1600-83140	 (C=F003451)			1					W
I 29	1	1N1600-83150	 (C=F003451)			1					W

Fig.43. ENGINE RELATED



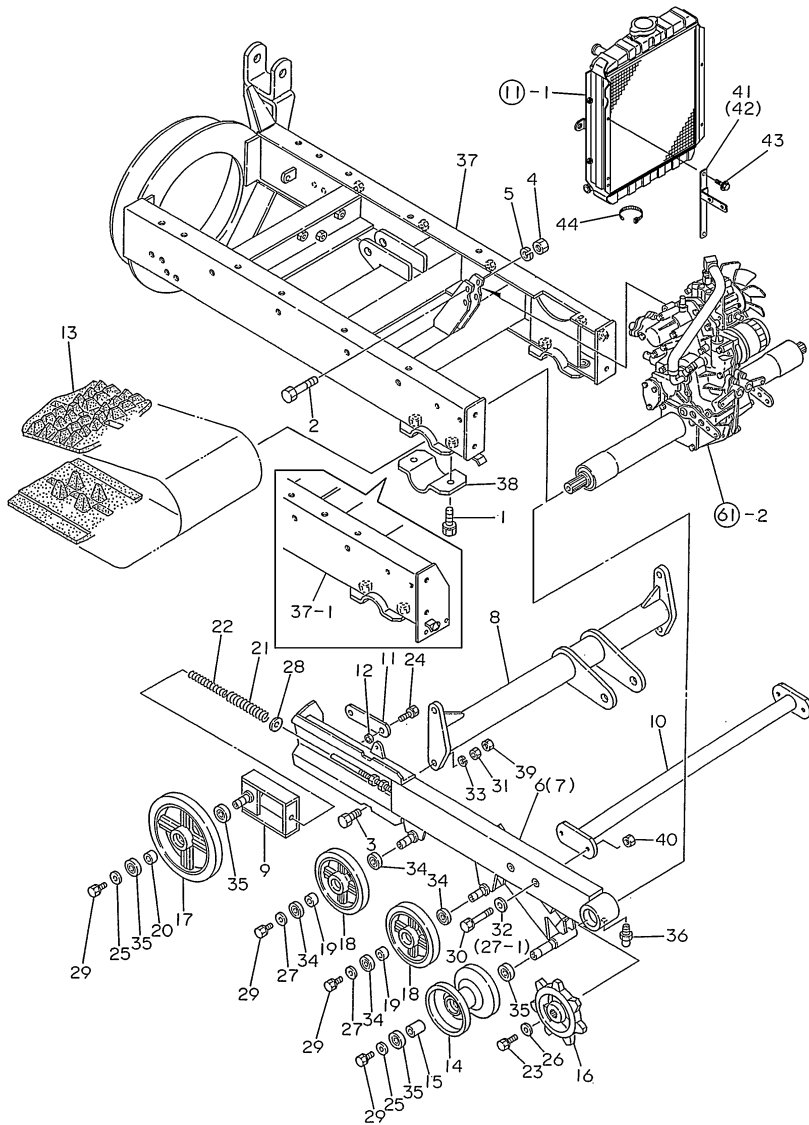
Remarks  
 (1)THE INDEX NO.3 IS COMPAILBLE  
 WITH A SET OF 3-1 AND 23.

(A)=YSR1820  
 (B)=YSR2220  
 (C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	30	1	1N1600-79590 (C=F003451) PACKG 12X22X2.RD.CU (C=F003451)			1					W
I	31	1	26136-120162 (C=F003451)			1					W
I	32	1	26106-080202 (C=F003451) BOLT M 8X 20 PLATED			2					W
I	33	1	129459-39150 (C=F003451) JOINT,OIL DRAIN (C=F003451)			1					W
I	34	1	22190-160002 (C=F003451) SEAL WASHER 16S (C=F003451)			1					W

Fig.44. CHASSIS



Remarks

(1)THE INDEXES NO.2,4 AND 5 ARE A SET AND COMPATIBLE WITH A SET OF 2-1 AND 4-1.  
 (2)THE INDEXES NO.3,31 AND 33 ARE A SET AND COMPATIBLE WITH A SET OF 3-1 AND 31-1.

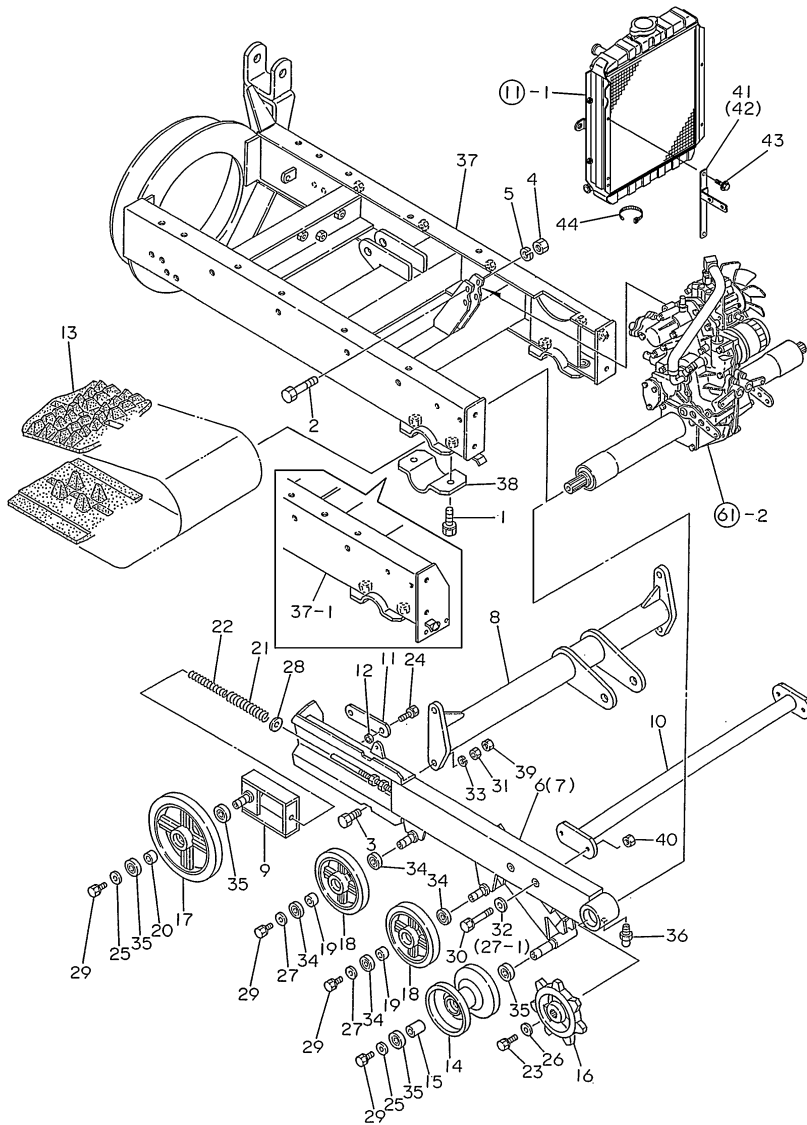
OCNP3-G33200 44. CHASSIS

(A)=YSR1820  
 (B)=YSR2220  
 (C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26013-120352	BOLT M12X 35	4	4	4					
2	1	1N1600-74600	BOLT 10X55	2	2	2					
2-1	1	26136-100502	BOLT M 10X 50	2	2	2					F 1
		(A=F603315) (B=F603398) (C=F603463)									
3	1	26116-120354	BOLT M12X 35 PLATED	4	4	4					
3-1	1	26136-120352	BOLT M12X35,COLLAR	4	4	4					F 2
		(A=F603315) (B=F603398) (C=F603463)									
3-2	1	26136-120452	BOLT M12X45,COLLAR	4	4	4					R
		(A=F705442) (B=F705539) (C=F705656)									
4	1	26717-100002	NUT M10	2	2	2					
4-1	1	26377-100002	U-NUT M10	2	2	2					F 1
		(A=F603315) (B=F603398) (C=F603463)									
5	1	22217-100000	SPRING WASHER 10	2	2	2					Z
		(A=F603315) (B=F603398) (C=F603463)									
6	1	1N3072-11000	FRAME (L), CRAWLER	1	1	1					
6-1	1	1N3222-11000	FRAME (L), CRAWLER	1	1	1					R
		(A=F603315) (B=F603398) (C=F603463)									
7	1	1N3072-12000	FRAME (R), CRAWLER	1	1	1					
7-1	1	1N3222-12000	FRAME (R), CRAWLER	1	1	1					R
		(A=F603315) (B=F603398) (C=F603463)									
8	1	1N3222-13000	BRIDGE COMP.,FRONT	1	1	1					
9	1	1N1672-14000	BEAM,CRAWLER TENSION	2	2	2					
10	1	1N3072-15000	BRIDGE COMP.,REAR	1	1	1					
11	1	1N1632-19010	WASHER,TENSION BEAM	2	2	2					
12	1	1N1632-19020	COLLAR	4	4	4					
13	1	1N1672-39010	CRAWLER 300X36X72,RB	2	2	2					
14	1	1N1672-61000	WHEEL,REAR	2	2	2					
I 15	1	1N1610-70010	COLLAR 25X36	2	2	2					Z
		(A=F013231) (B=F013266) (C=F013276)									
16	1	1N3072-69010	SPROCKET	2	2	2					
17	1	1N1632-69020	WHEEL,FRONT	2	2	2					
18	1	1N1600-70040	RING,INDUCTION	4	4	4					
I 19	1	1N1639-19040	COLLAR 20X16	4	4	4					Z
		(A=F013231) (B=F013266) (C=F013276)									
I 20	1	1N1639-19020	COLLAR 25X16	2	2	2					Z
		(A=F013231) (B=F013266) (C=F013276)									
21	1	1N1679-16010	SPRING 31X110,COILED	2	2	2					
22	1	1N1679-16020	SPRING 19X110,COILED	2	2	2					
23	1	1N1600-78880	BOLT M10X25,SM.SPRG	2	2	2					
24	1	1N1600-79470	BOLT M12X25,SM.SPRG	4	4	4					
25	1	1N1600-77280	WASHER 10X30X3.2,RD.	4	4	4					
25-1	1	1N1600-74890	WASHER 10X35X4.5,RD.	4	4	4					R
		(A=F603315) (B=F603398) (C=F603463)									
26	1	1N1600-74550	WASHER 10X40X4.5,RD.	2	2	2					
26-1	1	1N1600-74890	WASHER 10X35X4.5,RD.	2	2	2					R
		(A=F603315) (B=F603398) (C=F603463)									
27	1	1N1600-74540	WASHER 10X25X3.2,RD.	4	4	4					
I 27-1	1	1N1600-74540	WASHER 10X25X3.2,RD.	8	8	8					K
		(A=F013231) (B=F013266) (C=F013276)									
28	1	1N1679-13030	WASHER 14X38X4.5,RD.	2	2	2					
29	1	26013-100202	BOLT W/WASHER M10X20	8	8	8					

Fig.44. CHASSIS



(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

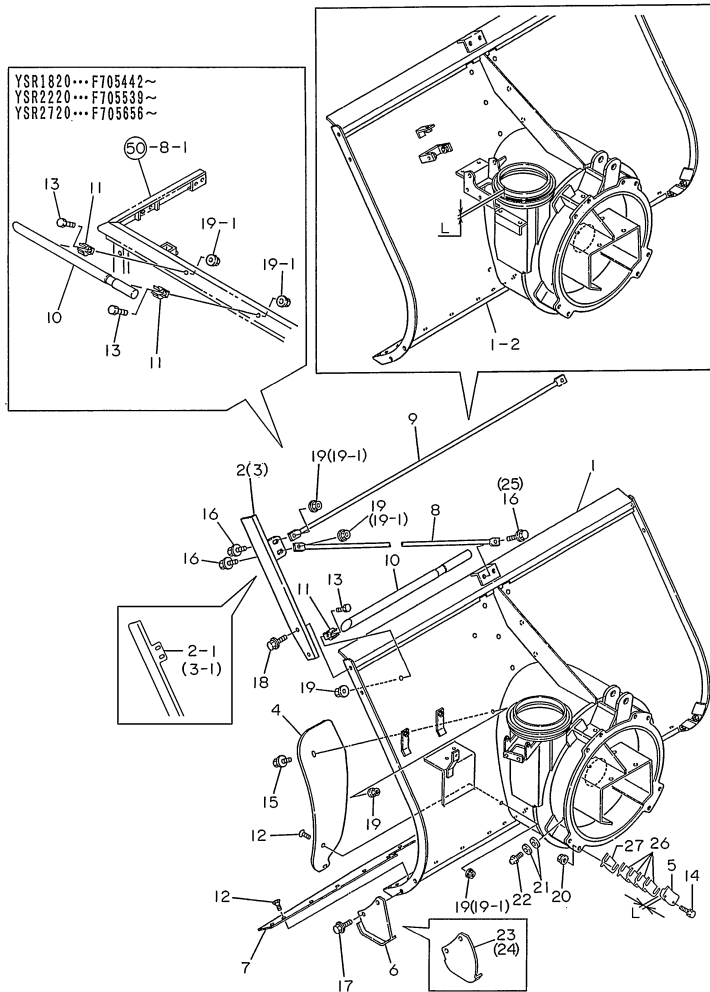
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
30	1	26013-100552	BOLT M10X 55	4	4	4						
30-1	1	26013-100652	BOLT 10X65 W/SP.WSHR	4	4	4					R	
		(A=F705442) (B=F705539) (C=F705656)										
31	1	26717-120002	NUT M12	4	4	4						
31-1	1	26377-120002	U-NUT M12	4	4	4					F 2	
		(A=F603315) (B=F603398) (C=F603463)										
I	32	1	22137-100000	WASHER 10,POLISHED	4	4	4					Z
		(A=F013231) (B=F013266) (C=F013276)										
	33	1	22217-120000	SPRING WASHER 12	4	4	4					Z
		(A=F603315) (B=F603398) (C=F603463)										
	34	1	24104-060044	BALL BEARING	8	8	8					
	35	1	24104-060054	BALL BEARING	8	8	8					
	36	1	1N1600-75150	NIPPLE A-MT6X1,GRS.	2	2	2					
	37	1	1N3224-11000	FRAME COMPL.,BODY	1	1	1					
I	37-1	1	1N3214-11000	FRAME COMPL.,BODY	1	1	1					S
		(A=F003351) (B=F003391) (C=F003451)										
	38	1	1N3074-19030	HOLDER,AXLE	2	2	2					
	39	1	26737-120002	NUT M12	4	4	4					W
		(A=F705442) (B=F705539) (C=F705656)										
	40	1	26717-100002	NUT M10	4	4	4					W
		(A=F705442) (B=F705539) (C=F705656)										
I	41	1	1N3221-61000	STAY CMP.,SUB TANK	1	1						W
		(A=F034296) (B=F034326)										
I	42	1	1N3221-62000	STAY B CMP.,SUB TANK			1					W
		(C=F034376)										
I	43	1	26106-080202	BOLT M 8X 20 PLATED	4	4	4					W
		(A=F034296) (B=F034326) (C=F034376)										
I	44	1	1N1600-77210	TIE RF140,REPEAT	1	1	1					W
		(A=F034296) (B=F034326) (C=F034376)										

Remarks

(1)THE INDEXES NO.2,4 AND 5 ARE A SET AND COMPATIBLE WITH A SET OF 2-1 AND 4-1.  
(2)THE INDEXES NO.3,31 AND 33 ARE A SET AND COMPATIBLE WITH A SET OF 3-1 AND 31-1.



Fig.45. SNOW REMOVING FRAME



Remarks

- (1) THE INDEX NO.6 IS A 2-PIECE SET AND COMPATIBLE WITH A SET OF 23,24
  - (2) THE INDEXES NO.14,20 ARE A SET AND COMPATIBLE WITH A SET OF 14-1,20-1
  - (3) L=REF.NO.1-2 15.5M/M,1-3 14M/M.
  - (4) REF.NOS.2,3 IS COMPATIBLE WITH SET OF REF.NOS.2-1,3-1.
  - (5) REF.NO.5-1 NOT SOLD.
- L=REF.NO.5-1 19M/M,5-2 15M/M.  
PLEASE ORDER REF.NOS.5-2,26 & 27 BY THE SET.

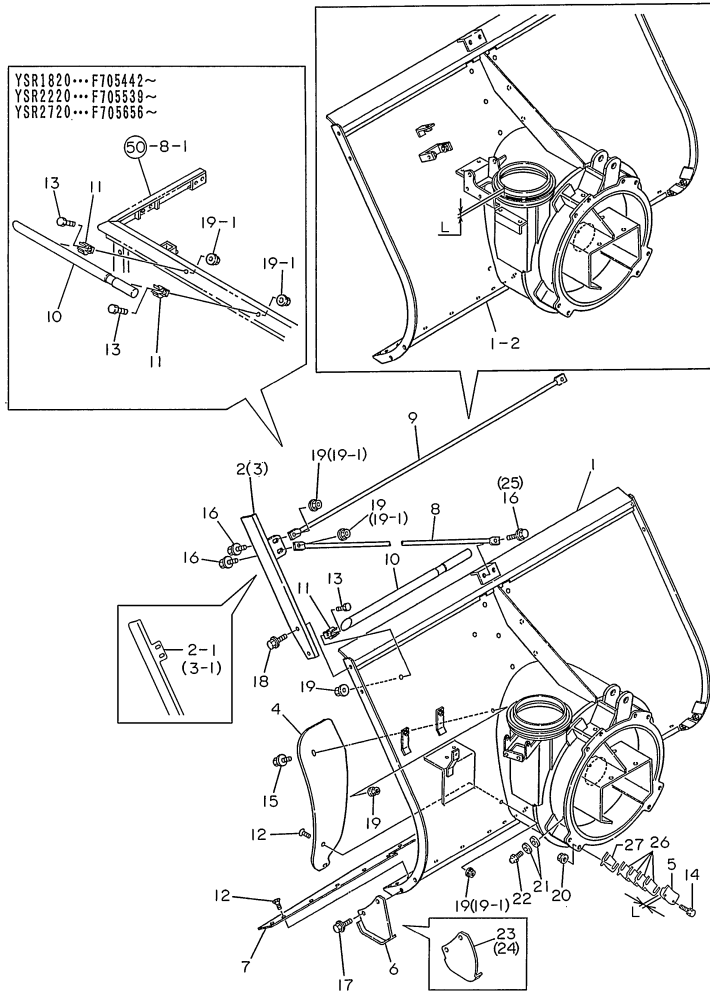
OCNP3-G33200 45. SNOW REMOVING FRAME

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	7N3073-13000	FRAME C	1	1	1					
1-1	1	7N3223-13000	PL.AS.,SNW.REM.FRAME	1	1	1					N
		(A=F603315) (B=F603398) (C=F603463)									
1-2	1	7N3223-13001	PL.AS.,SNW.REM.FRAME	1	1	1					S
		(A=F705442) (B=F705539) (C=F705656)									
I 1-3	1	7N3223-13002	PL.AS.,SNW.REM.FRAME	1	1	1					S 3
		(A=F902206) (B=F902272) (C=F902316)									
2	1	1N1673-21000	PLATE L CMP,SNOW CUT	1	1	1					
I 2-1	1	1N3223-19050	PLATE L CMP,SNOW CUT	1	1	1					F 4
		(A=F024021) (B=F024046) (C=F024096)									
3	1	1N1673-22000	PLATE R CMP,SNOW CUT	1	1	1					
I 3-1	1	1N3223-19060	PLATE R CMP,SNOW CUT	1	1	1					F 4
		(A=F024021) (B=F024046) (C=F024096)									
4	1	1N1673-19010	PLATE,SHIELDING	1	1	1					
5	1	1N3073-19010	GUIDE,ROLLING	4	4	4					
5-1	1	1N3243-12000	GUIDE COMP.,ROLLING	4	4	4					R
		(A=F705442) (B=F705539) (C=F705656)									
I 5-2	1	1N3243-14000	ROLLING GUIDE	4	4	4					F 5
		(A=F902206) (B=F902272) (C=F902316)									
6	1	1N1630-81000	SLEDGE L	2	2	2					Z 1
		(A=F603315) (B=F603398) (C=F603463)									
7	1	1N1600-78820	EDGE	1	1	1					
8	1	1N1673-29010	BAR A,SNOW CUTTING	2	2	2					
9	1	1N1673-29020	BAR B,SNOW CUTTING	1	1	1					
10	1	1N1803-99010	ROD,SNOW SHOVELING	1	1	1					
11	1	1N1803-99020	METAL,LOCK	2	2	2					
12	1	1N1639-12170	SCREW 8X15,CRFHM.	15	15	15					
12-1	1	1N1600-77630	BOLT 8X15,HEX.SCKT.F	15	15	15					R
		(A=F603315) (B=F603398) (C=F603463)									
13	1	26117-080162	BOLT M 8X 16 PLATED	2	2	2					
13-1	1	26116-080162	BOLT 8X16	2	2	2					R
		(A=F603315) (B=F603398) (C=F603463)									
14	1	1N1600-74620	BOLT 12X45 W/SP.WSHR	8	8	8					
14-1	1	26136-120452	BOLT M12X45,COLLAR	8	8	8					F 2
		(A=F603315) (B=F603398) (C=F603463)									
15	1	26106-080202	BOLT M 8X 20 PLATED	1	1	1					
16	1	26106-080252	BOLT M 8X 25 PLATED	6	6	6					
16-1	1	26106-080252	BOLT M 8X 25 PLATED	4	4	4					K
		(A=F603315) (B=F603398) (C=F603463)									
17	1	26106-100252	BOLT M10X 25 PLATED	4	4	4					
17-1	1	26013-100252	BOLT W/WASHER M10X25	4	4	4					R
		(A=F603315) (B=F603398) (C=F603463)									
18	1	26106-080162	BOLT M 8X 16 PLATED	4	4	4					
19	1	26367-080002	U-NUT M 8	9	9	9					
19-1	1	26367-080002	U-NUT M 8	8	8	8					K
		(A=F705442) (B=F705539) (C=F705656)									
20	1	26367-120002	U-NUT M12	8	8	8					
20-1	1	26377-120002	U-NUT M12	8	8	8					F 2
		(A=F603315) (B=F603398) (C=F603463)									
21	1	22137-060000	WASHER 6, POLISHED	6	6	6					
22	1	1N1600-75150	NIPPLE A-MT6X1,GRS.	3	3	3					

Fig.45. SNOW REMOVING FRAME



Remarks

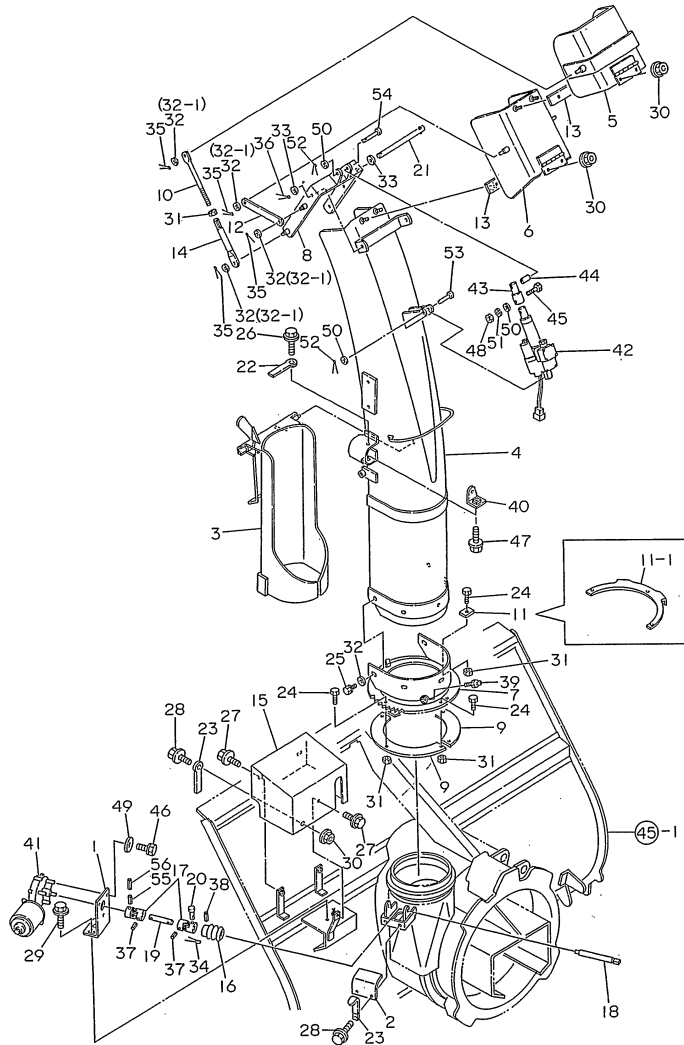
- (1)THE INDEX NO.6 IS A 2-PIECE SET AND COMPATIBLE WITH A SET OF 23,24
  - (2)THE INDEXES NO.14,20 ARE A SET AND COMPATIBLE WITH A SET OF 14-1,20-1
  - (3)L=REF.NO.1-2 15.5M/M,1-3 14M/M.
  - (4)REF.NOS.2,3 IS COMPATIBLE WITH SET OF REF.NOS.2-1,3-1.
  - (5)REF.NO.5-1 NOT SOLD.
- L=REF.NO.5-1 19M/M,5-2 15M/M.  
PLEASE ORDER REF.NOS.5-2,26 & 27 BY THE SET.

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
23	1	1N3223-19030	SLEIH (H)	1	1	1				W	1
		(A=F603315) (B=F603398) (C=F603463)									
24	1	1N3223-19040	SLEIH (R)	1	1	1				W	1
		(A=F603315) (B=F603398) (C=F603463)									
25	1	26106-080202	BOLT M 8X 20 PLATED	2	2	2				W	
		(A=F603315) (B=F603398) (C=F603463)									
I	26	1	1N3243-19020	SIM	16	16	16			W	
			(A=F902206) (B=F902272) (C=F902316)								
I	27	1	1N3243-19030	SHIM	4	4	4			W	
			(A=F902206) (B=F902272) (C=F902316)								

Fig.46. CHUTE



Remarks  
 \* THIS INDEX INDICATES THE MACHINES UP TO THE FOLLOWING MACHINE NOS. YSR1820 F705441, YSR2220 F705538, YSR2720 F705655  
 \* REGARDING THE MACHINES SUBSEQUENT TO THE ABOVE, REFER TO THE INDEX NO.68.  
 (1)FASTEN IT WITH THE INDEX NO.56 WITH DOUBLE PIN.

(A)=YSR1820  
 (B)=YSR2220  
 (C)=YSR2720

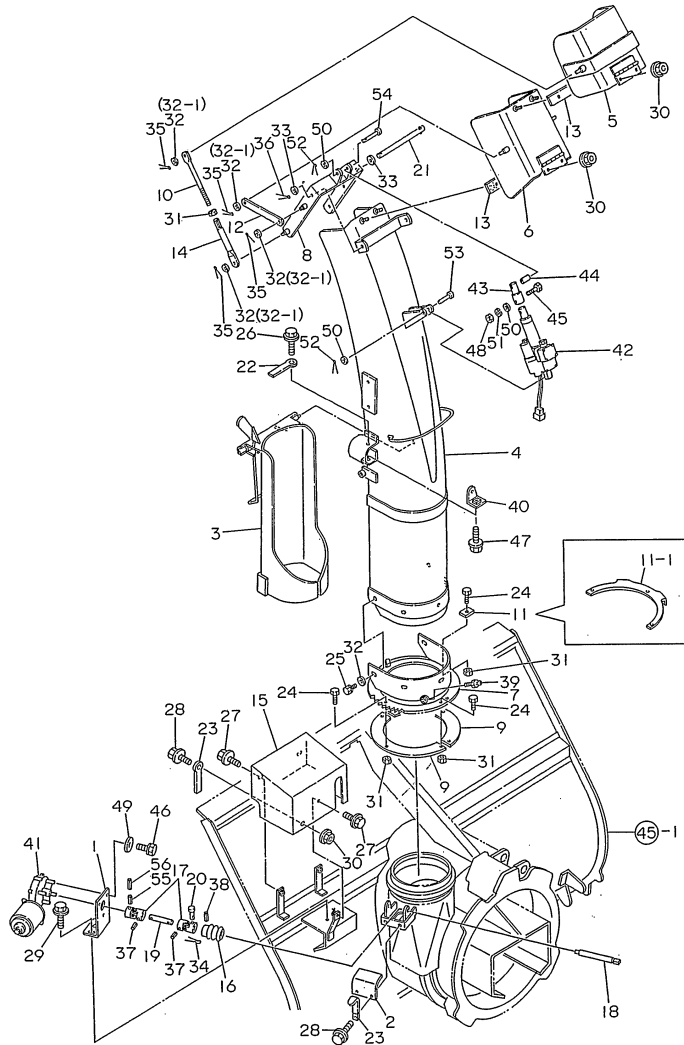
(D)=  
 (E)=  
 (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3163-14000 (A=F705442) (B=F705539) (C=F705656)	BASE COMP.,MOTOR	1	1	1					Z
2	1	1N1683-19010	COVER,WORM	1	1	1					Z
3	1	7N3073-32000 (A=F705442) (B=F705539) (C=F705656)	COVER CMP.,CARTRIDGE	1	1	1					Z
4	1	7N3073-33000 (A=F705442) (B=F705539) (C=F705656)	CHUTE 1200 CMP,MOTOR	1	1	1					Z
5	1	1N1833-34000 (A=F705442) (B=F705539) (C=F705656)	CAP B COMP.,CHUTE	1	1	1					Z
6	1	1N3073-34000 (A=F705442) (B=F705539) (C=F705656)	CAP A COMP.,CHUTE	1	1	1					Z
7	1	1N3073-35000 (A=F705442) (B=F705539) (C=F705656)	BASE COMP.,CHUTE	1	1	1					Z
8	1	1N3073-36000 (A=F705442) (B=F705539) (C=F705656)	ARM CMP,CHUTE CONTR.	1	1	1					Z
9	1	1N1673-39010 (A=F705442) (B=F705539) (C=F705656)	CLAMP,CHUTE	2	2	2					Z
10	1	1N1763-39010 (A=F705442) (B=F705539) (C=F705656)	ROD,ADJUSTING	2	2	2					Z
11	1	1N1673-39020 (A=F603315) (B=F603398) (C=F603463)	STOPPER,CHUTE	1	1	1					S
11-1	1	1N3243-39010 (A=F705442) (B=F705539) (C=F705656)	STOPPER,SHOOTER	1	1	1					Z
11-2	1	1N3243-39010 (A=F705442) (B=F705539) (C=F705656)	STOPPER,SHOOTER	1	1	1					Z
12	1	1N1833-39020 (A=F705442) (B=F705539) (C=F705656)	ARM 129,LINK	2	2	2					Z
13	1	1N1673-39030 (A=F705442) (B=F705539) (C=F705656)	RUBBER,CHUTE	2	2	2					Z
14	1	1N1833-39030 (A=F705442) (B=F705539) (C=F705656)	ROD 105,CHUTE LINK	2	2	2					Z
15	1	7N3073-81000 (A=F705442) (B=F705539) (C=F705656)	COVER COMP.,MOTOR	1	1	1					Z
16	1	1N1610-70131 (A=F705442) (B=F705539) (C=F705656)	WORM	1	1	1					Z
17	1	1N1600-77240 (A=F705442) (B=F705539) (C=F705656)	JOINT NC-10-RRA-16	2	2	2					Z
18	1	1N3157-59011 (A=F705442) (B=F705539) (C=F705656)	SHAFT,WORM	1	1	1					Z
19	1	1N3077-59090 (A=F705442) (B=F705539) (C=F705656)	SHAFT,JOINT	1	1	1					Z
20	1	1N3077-69150 (A=F705442) (B=F705539) (C=F705656)	PIN 4.3X25	1	1	1					Z
21	1	1N1600-77140 (A=F705442) (B=F705539) (C=F705656)	PIN 10X185,PRESS	1	1	1					Z
22	1	1N1600-75450 (A=F705442) (B=F705539) (C=F705656)	CLAMP 6X45,CORD	1	1	1					Z
23	1	1N1600-75120 (A=F705442) (B=F705539) (C=F705656)	CLAMP 8X80,CORD	2	2	2					Z
24	1	26116-080202 (A=F705442) (B=F705539) (C=F705656)	BOLT M 8X 20 PLATED	6	6	6					Z

Fig.46. CHUTE

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

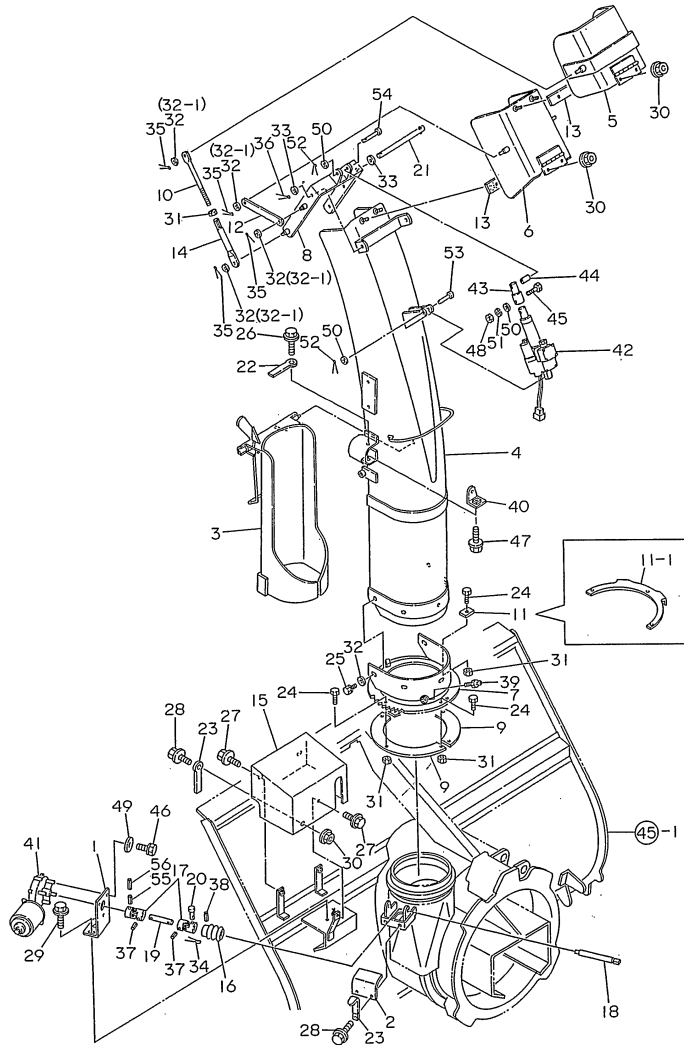
(D)=  
(E)=  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
25	1	26013-080162	BOLT W/WASHER M8X16	5	5	5					
25-1	1	26106-080122	BOLT M 8X 12 PLATED	5	5	5					R
		(A=F603315) (B=F603398) (C=F603463)									
25-2	1	26106-080122	BOLT M 8X 12 PLATED	5	5	5					Z
		(A=F705442) (B=F705539) (C=F705656)									
26	1	26106-060122	BOLT M 6X 12 PLATED	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
27	1	26106-060162	BOLT M 6X 16 PLATED	3	3	3					Z
		(A=F705442) (B=F705539) (C=F705656)									
28	1	26106-080162	BOLT M 8X 16 PLATED	3	3	3					Z
		(A=F705442) (B=F705539) (C=F705656)									
29	1	26106-080202	BOLT M 8X 20 PLATED	2	2	2					Z
		(A=F705442) (B=F705539) (C=F705656)									
30	1	26367-080002	U-NUT M 8	5	5	5					Z
		(A=F705442) (B=F705539) (C=F705656)									
31	1	26717-080002	NUT 8	8	8	8					Z
		(A=F705442) (B=F705539) (C=F705656)									
32	1	22137-080000	WASHER 8, POLISHED	13	13	13					
32-1	1	22137-080000	WASHER 8, POLISHED	8	8	8					K
		(A=F603315) (B=F603398) (C=F603463)									
32-2	1	22137-080000	WASHER 8, POLISHED	8	8	8					Z
		(A=F705442) (B=F705539) (C=F705656)									
33	1	22137-100000	WASHER 10,POLISHED	2	2	2					Z
		(A=F705442) (B=F705539) (C=F705656)									
34	1	22417-160100	COTTER PIN	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
35	1	22417-250160	COTTER PIN 2.5X16	8	8	8					Z
		(A=F705442) (B=F705539) (C=F705656)									
36	1	22417-320200	COTTER PIN 3.2X20	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
37	1	1N1600-71590	PIN 4.5X20,SPRING	2	2	2					Z
		(A=F705442) (B=F705539) (C=F705656)									
38	1	22351-045025	PIN 4.5X25,SPRING	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
39	1	1N1600-75150	NIPPLE A-MT6X1,GRS.	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
40	1	1N3078-11000	BRACKET CMP,CHUTE SW	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
41	1	1N1600-77150	MOTOR	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
42	1	1N3078-42000	CYLINDER,MOTOR	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
43	1	1N3078-49010	ADAPTER,CYLINDER	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
44	1	1N3078-49020	BUSH,CYLINDER PIN	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
45	1	1N1600-77160	BOLT 6X35	1	1	1					
45-1	1	26106-060352	BOLT M 6X 35 PLATED	1	1	1					R
		(A=F603315) (B=F603398) (C=F603463)									
45-2	1	26106-060352	BOLT M 6X 35 PLATED	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									

Remarks  
 \* THIS INDEX INDICATES THE MACHINES UP TO THE FOLLOWING MACHINE NOS. YSR1820 F705441,YSR2220 F705538, YSR2720 F705655  
 \* REGARDING THE MACHINES SUBSEQUENT TO THE ABOVE, REFER TO THE INDEX NO.68.  
 (1)FASTEN IT WITH THE INDEX NO.56 WITH DOUBLE PIN.

Fig.46. CHUTE



(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

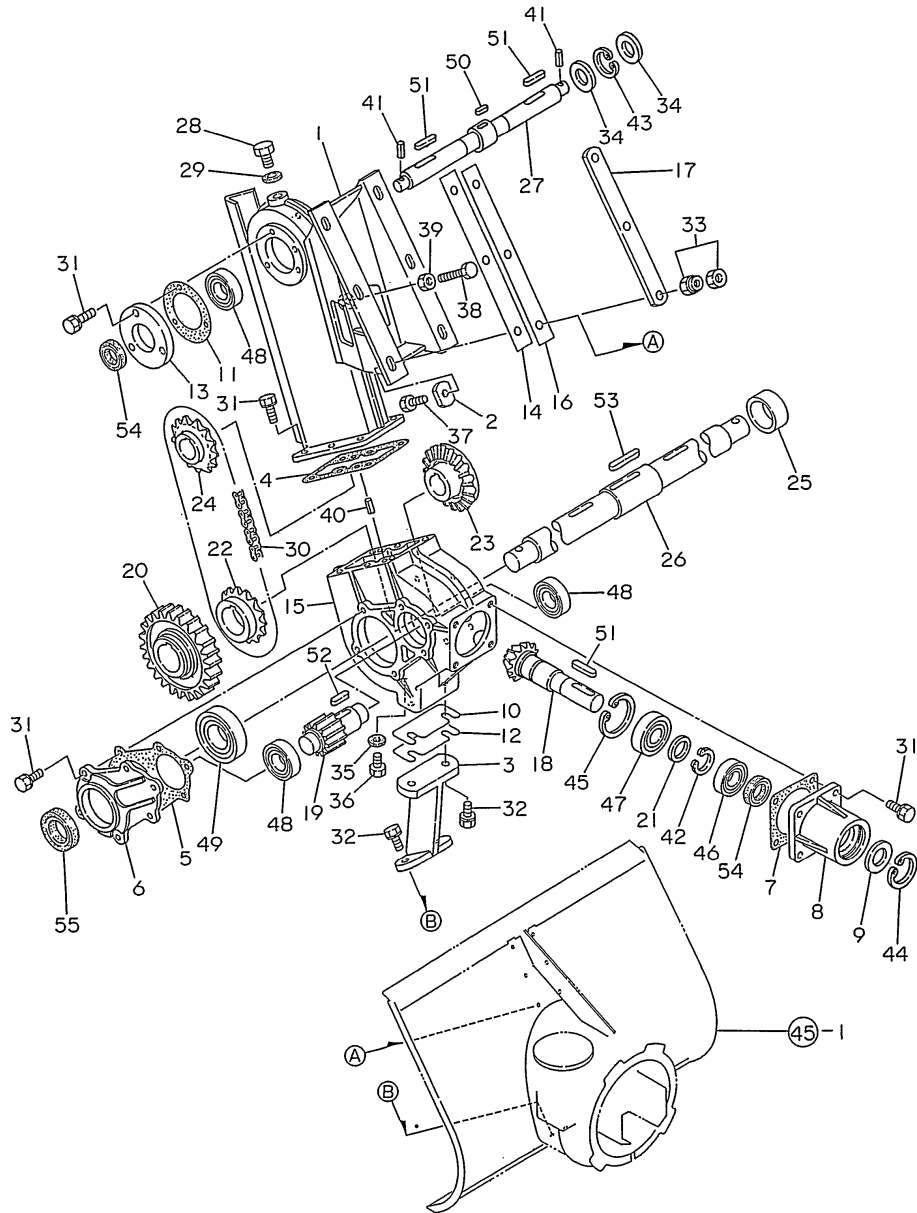
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
46	1	1N1600-79370	BOLT M5X15,SPRING	3	3	3					
46-1	1	26013-050162	BOLT M 5X 16	3	3	3					R
		(A=F603315) (B=F603398) (C=F603463)									
46-2	1	26013-050162	BOLT M 5X 16	3	3	3					Z
		(A=F705442) (B=F705539) (C=F705656)									
47	1	26106-080122	BOLT M 8X 12 PLATED	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
48	1	26717-060002	NUT M 6	1	1	1					
48-1	1	26367-060002	NUT M 6	1	1	1					R
		(A=F603315) (B=F603398) (C=F603463)									
48-2	1	26367-060002	NUT M 6	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
49	1	22137-050000	WASHER 5, POLISHED	3	3	3					Z
		(A=F705442) (B=F705539) (C=F705656)									
50	1	22137-060000	WASHER 6, POLISHED	3	3	3					Z
		(A=F603315) (B=F603398) (C=F603463)									
51	1	22217-060000	SPRING WASHER 6	1	1	1					Z
		(A=F603315) (B=F603398) (C=F603463)									
52	1	22417-200160	COTTER PIN 2.0X16	2	2	2					Z
		(A=F705442) (B=F705539) (C=F705656)									
53	1	1N1600-77170	PIN 6X35,ROUND HEAD	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
54	1	1N1600-77180	PIN 6X50,ROUND HEAD	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
55	1	22351-040020	SPRING PIN 4X20	1	1	1					
55-1	1	1N1767-59020	PIN 4X25,SUS SPRING	1	1	1					N
		(A=F603315) (B=F603398) (C=F603463)									
55-2	1	22351-040025	PIN 4X25,SPRING	1	1	1					N 1
		(A=F603315) (B=F603398) (C=F603463)									
55-3	1	22351-040025	PIN 4X25,SPRING	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									
56	1	22351-025025	PIN 2.5A* 25	1	1	1					W
		(A=F603315) (B=F603398) (C=F603463)									
56-1	1	22351-025025	PIN 2.5A* 25	1	1	1					Z
		(A=F705442) (B=F705539) (C=F705656)									

Remarks  
 \* THIS INDEX INDICATES THE MACHINES UP TO THE FOLLOWING MACHINE NOS. YSR1820 F705441,YSR2220 F705538, YSR2720 F705655  
 \* REGARDING THE MACHINES SUBSEQUENT TO THE ABOVE, REFER TO THE INDEX NO.68.  
 (1)FASTEN IT WITH THE INDEX NO.56 WITH DOUBLE PIN.

Fig.47. GEAR CASE

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1673-16000	CASE,CHAIN	1	1	1					
2	1	1N1863-19010	WASHER,CHAIN CASE	6	6	6					
3	1	1N1600-75170	SUPPORT,GEAR CASE	1	1	1					
4	1	1N1610-70020	PACKING,AUGER GR.CS.	1	1	1					
5	1	1N1610-70030	PACKING,GR.CS.COVER	2	2	2					
I	6	1N1633-19041	COVER,AUGER GEAR CS.	2	2	2					
7	1	1N1610-70040	PACKING,INPUT HOUSG	1	1	1					
8	1	1N1763-19060	HOUSING,INPUT	1	1	1					
9	1	1N1610-70070	PLATE,PROTECTIVE	1	1	1					
10	1	1N1610-70210	LINER 2.0,GEAR CASE	1	1	1					
11	1	1N1673-19080	PACKING,UPR.ROTOR CV	2	2	2					
12	1	1N1610-70220	LINER 0.6,GEAR CASE	3	3	3					
13	1	1N1673-19090	COVER,UPPER ROTOR	2	2	2					
14	1	1N1633-19110	LINER 1.0,CHN.CS.ADJ	2	2	2					
15	1	1N1673-19110	CASE,AUGER GEAR	1	1	1					
16	1	1N1633-19120	LINER 2.0,CHN.CS.ADJ	5	5	5					
17	1	1N1633-19130	WASHER,SPACER	2	2	2					
18	1	1N1763-29060	GEAR M3X14,BEVEL	1	1	1					
19	1	1N1610-70100	GEAR M3.5X12,SPUR	1	1	1					
20	1	1N1610-70110	GEAR M3.5X34,SPUR	1	1	1					
21	1	1N1763-29050	WASHER 28X40X2,THRST	1	1	1					
22	1	1N1633-29070	SPROCKET 40X18,LOWER	1	1	1					
23	1	1N1763-29070	GEAR M3X33,BEVEL	1	1	1					
24	1	1N1633-29080	SPROCKET 40X18,UPPER	1	1	1					
25	1	1N1633-29090	COLLAR 40X19	1	1	1					
26	1	1N1633-49020	SHAFT,AUGER	1	1	1					
27	1	1N3243-49010	SHAFT,UPR.STG.ROTARY	1	1	1					
28	1	1N1689-19010	CAP,OIL	1	1	1					
29	1	1N1689-19020	PACKING,OIL CAP	1	1	1					
30	1	1N1679-19110	CHAIN 40X78,ROLLER	1	1	1					
31	1	1N1600-73590	BOLT W/SP,SM.PRECORD	28	28	28					
32	1	1N1600-78890	BOLT M10X30,SM.SPRG	4	4	4					
33	1	1N1600-78920	NUT M10,HARD LOCK	6	6	6					
34	1	1N1600-78980	WASHER 18X30X3.2,RD.	4	4	4					
35	1	1N1600-77650	PACKING 10X18X2,RD.	1	1	1					
36	1	26207-100162	BOLT M10X 16 PLATED	1	1	1					
37	1	26116-100402	BOLT 10X 40	6	6	6					
38	1	1N1600-74640	BOLT 10X65,FULL THRD	1	1	1					
39	1	26717-100002	NUT M10	1	1	1					
40	1	22351-060016	SPRING PIN 6X16	2	2	2					
41	1	22351-060025	SPRING PIN 6X25	2	2	2					
42	1	22242-000280	CIRCLIP 28	1	1	1					
43	1	22252-000300	CIRCLIP 30	2	2	2					
44	1	22252-000450	CIRCLIP 45	1	1	1					
45	1	22252-000520	CIRCLIP 52	1	1	1					
46	1	24101-060054	BALL BEARING 6005	1	1	1					
47	1	1N1600-77730	BEARING 60/28	1	1	1					
48	1	24101-062054	BEARING #6205	4	4	4					
49	1	24101-062074	BALL BEARING	2	2	2					
50	1	1N1600-71960	KEY 7X7X23 RR,FEATHR	1	1	1					
51	1	1N1600-72000	KEY 7X7X33 SS,FEATHR	3	3	3					

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

Fig.47. GEAR CASE

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	1	1N1600-72040	KEY 8X7X30 RR,FEATHR	1	1	1					
53	1	1N1600-72130	KEY 12X8X52 RR,FTHR.	1	1	1					
54	1	24421-254008	OIL SEAL	3	3	3					
55	1	24421-355511	SEAL TC 355511, OIL	2	2	2					

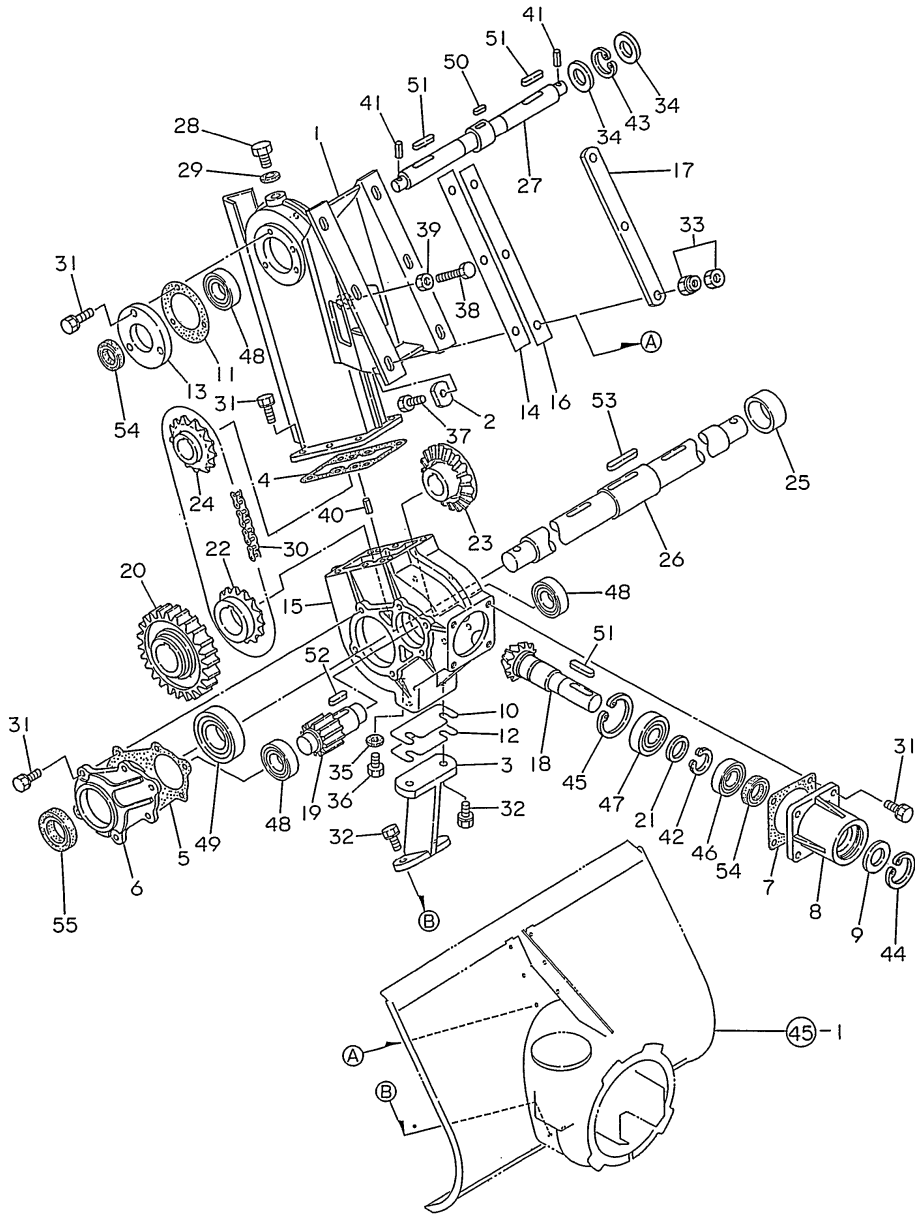
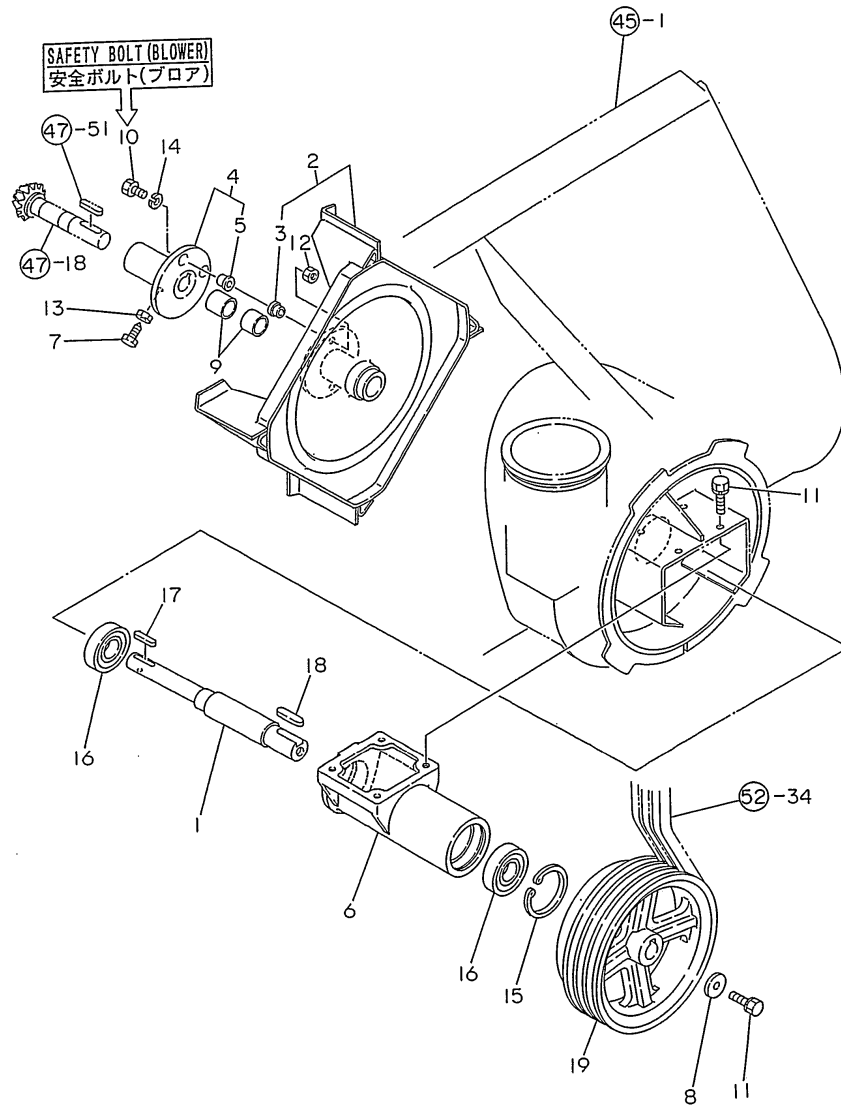


Fig.48. BLOWER

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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



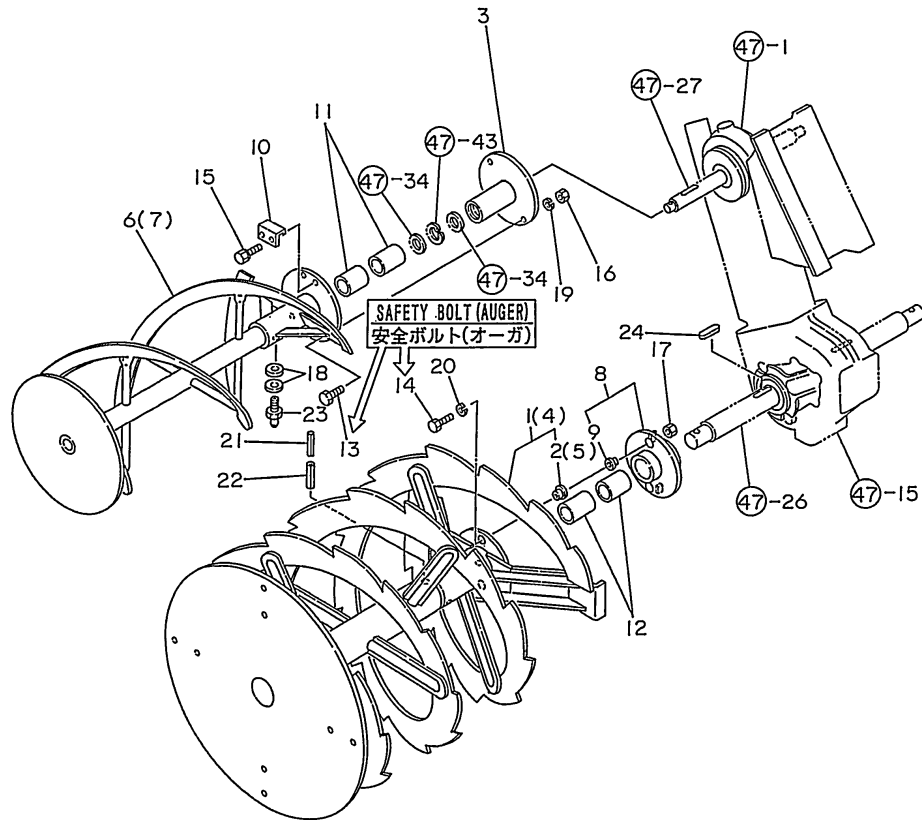
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3223-49010	SHAFT,BLOWER	1	1	1					
2	1	1N3073-61000	BLOWER COMPL.	1	1	1					
3	2	1N1633-61500	BUSH	2	2	2					
4	1	1N3073-62000	JOINT,AUGER	1	1	1					
5	2	1N1633-61500	BUSH	2	2	2					
6	1	1N3243-69010	HOUSING,BLOWER SHAFT	1	1	1					
7	1	1N1600-74650	BOLT 10X30,MACHINE	1	1	1					
8	1	1N1600-74550	WASHER 10X40X4.5,RD.	1	1	1					
8-1	1	1N1600-74890	WASHER 10X35X4.5,RD.	1	1	1					R
		(A=F603315)	(B=F603398)	(C=F603463)							
9	1	1N1600-79300	BUSH BM2530FB	2	2	2					
10	1	26207-080254	BOLT 8X25	1	1	1					
11	1	26013-100252	BOLT W/WASHER M10X25	5	5	5					
12	1	26707-080002	NUT M 8	1	1	1					
13	1	26717-100002	NUT M10	1	1	1					
14	1	22217-080000	SPRING WASHER 8	1	1	1					
15	1	22252-000720	CIRCLIP 72	1	1	1					
16	1	24104-063064	BALL BEARING	2	2	2					
17	1	1N1600-72000	KEY 7X7X33 SS,FEATHR	1	1	1					
18	1	1N1600-79400	KEY 8X7X40S	1	1	1					
19	1	1N3226-39010	V-PULLEY 231B-3X30	1	1	1					



Fig.49. AUGER

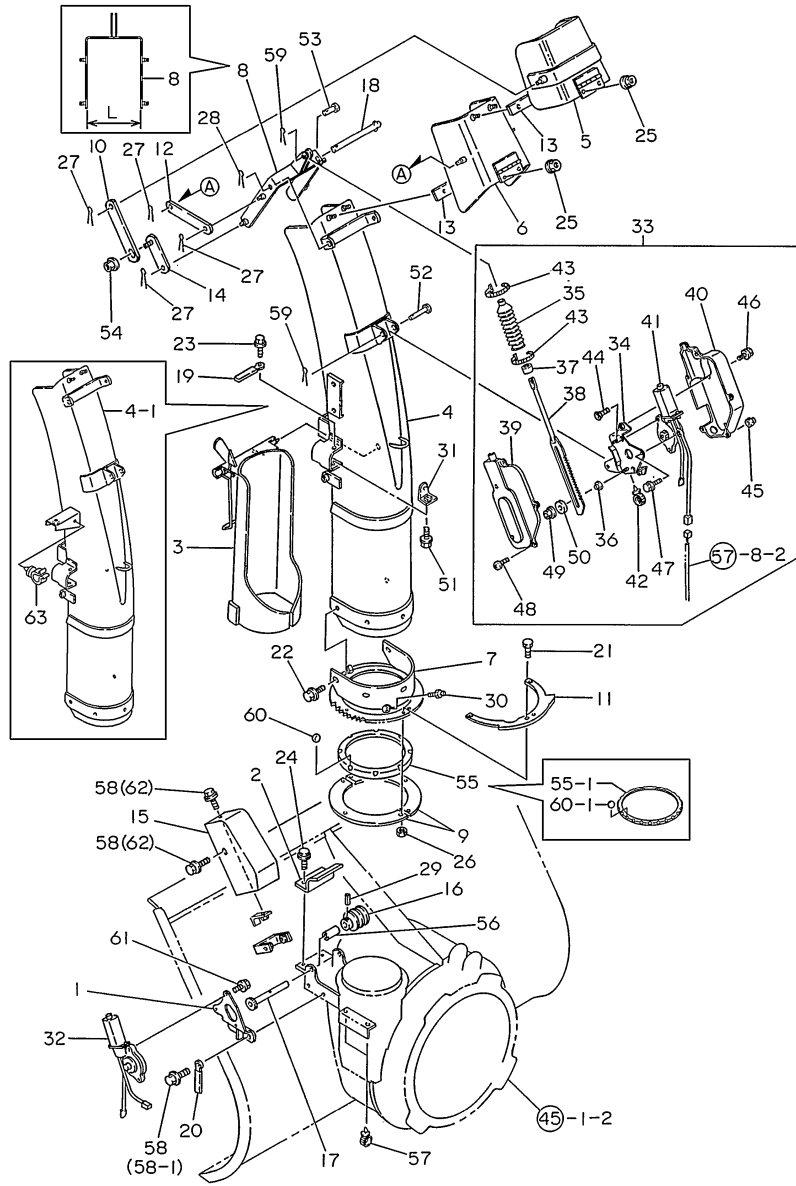
(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1673-51001	AUGER L,LOWER STAGE	1	1	1					
2	2	1N1633-59010	BUSH	2	2	2					
3	1	1N3243-51000	FLANGE,UPR.STG.SHEAR	2	2	2					
4	1	1N1673-52001	AUGER R,LOWER STEP	1	1	1					
5	2	1N1633-59010	BUSH	2	2	2					
6	1	1N1600-75810	AUGER L CMP,UPPR.STG	1	1	1					
7	1	1N1600-75820	AUGER R CMP,UPPR.STG	1	1	1					
8	1	1N1863-55000	FLANGE CMP,AUGER SHR	2	2	2					
9	2	1N1633-59010	BUSH	4	4	4					
10	1	1N1633-59030	STOPPER	2	2	2					
11	1	1N1600-79310	BUSH BM3540FB	4	4	4					
12	1	1N1600-79320	BUSH BM3550FB	4	4	4					
13	1	26117-060254	BOLT M 6X 25 PLATED	2	2	2					
14	1	26207-100304	BOLT M10X30	2	2	2					
15	1	26013-080124	BOLT M 8X 12	4	4	4					
15-1	1	26013-080122	BOLT M 8X 12	4	4	4					R
		(A=F603315)	(B=F603398)	(C=F603463)							
16	1	26717-060002	NUT M 6	2	2	2					
17	1	26707-100002	NUT M10	2	2	2					
18	1	22137-060000	WASHER 6, POLISHED	4	4	4					
19	1	22217-060000	SPRING WASHER 6	2	2	2					
20	1	22217-100000	SPRING WASHER 10	2	2	2					
21	1	22351-060045	SPRING PIN 6X45	2	2	2					
22	1	22351-100045	SPRING PIN 10X45	2	2	2					
23	1	1N1600-75150	NIPPLE A-MT6X1,GRS.	2	2	2					
24	1	1N1600-72080	KEY 10X8X40 RR,FTHR.	2	2	2					

Fig.68. (49A)CHUTE(ADDITIONAL ITEMS)



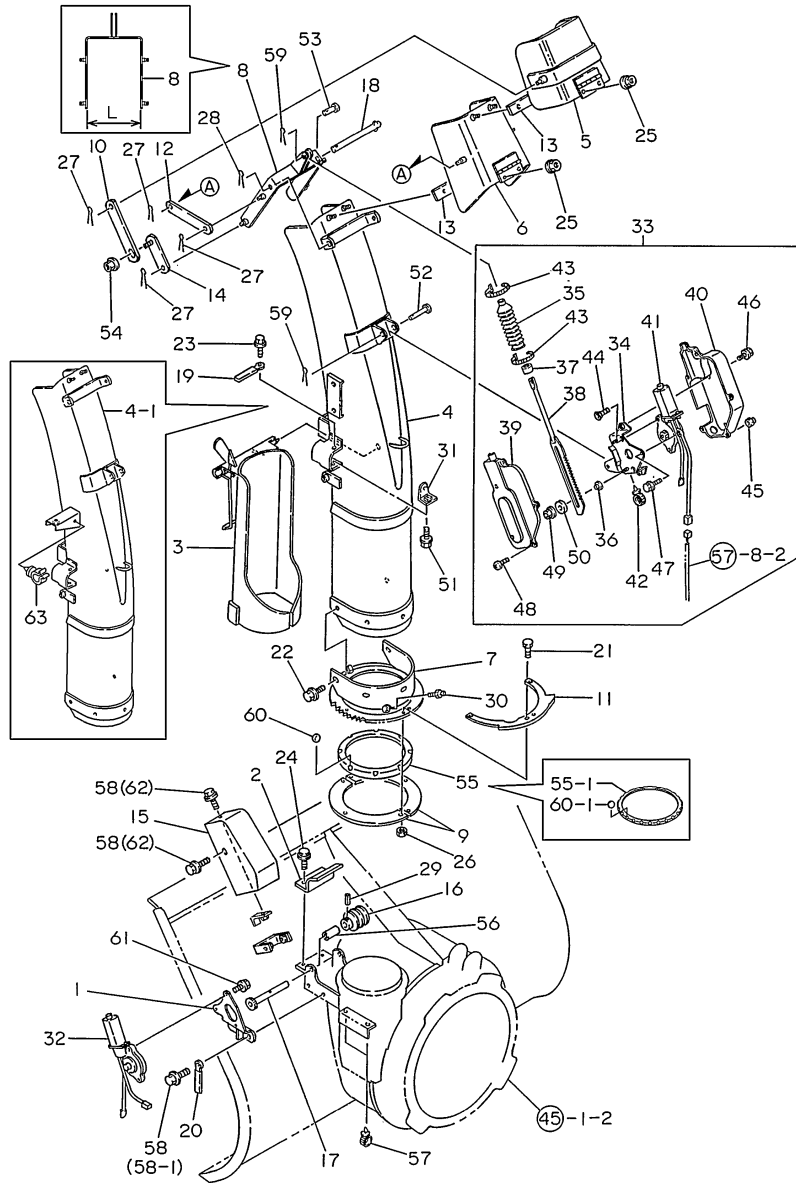
Remarks  
 (1)REF.NOS.4 IS COMPATIBLE WITH SET OF REF.NOS.4-1,8-1,12-1 & 18-1.  
 (2)L=REF.NO.8 160M/M,8-1 169M/M.

(A)=YSR1820  
 (B)=YSR2220  
 (C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3153-12000 (A=F705442) (B=F705539) (C=F705656)	BRACKET COMP.,MOTOR	1	1	1					W
2	1	1N3153-89010	COVER,WORM	1	1	1					W
3	1	7N3073-32000 (A=F705442) (B=F705539) (C=F705656)	COVER CMP.,CARTRIDGE	1	1	1					W
4	1	7N3153-31000 (A=F705442) (B=F705539) (C=F705656)	PL.ASSY.,SHOOTER	1	1	1					W
I 4-1	1	7N3743-31000 (A=F034296) (B=F034326) (C=F034376)	PL.ASSY.,SHOOTER	1	1	1					F 1
5	1	1N3163-34000 (A=F705442) (B=F705539) (C=F705656)	DEFLECTOR B COMPL.	1	1	1					W
6	1	1N3163-33000 (A=F705442) (B=F705539) (C=F705656)	DEFLECTOR A COMPL.	1	1	1					W
7	1	1N3153-32000 (A=F705442) (B=F705539) (C=F705656)	BASE COMP.,SHOOTER	1	1	1					W
8	1	1N3163-35000 (A=F705442) (B=F705539) (C=F705656)	ARM COMP.,SHOOTER	1	1	1					W
I 8-1	1	1N1600-83870 (A=F034296) (B=F034326) (C=F034376)	ARM COMP.,SHOOTER	1	1	1					S 2
9	1	1N1673-39010 (A=F705442) (B=F705539) (C=F705656)	CLAMP,CHUTE	2	2	2					W
10	1	1N3163-39020 (A=F705442) (B=F705539) (C=F705656)	LINK B,SHOOTER	2	2	2					W
11	1	1N3243-39020 (A=F705442) (B=F705539) (C=F705656)	STOPPER,SHOOTER	1	1	1					W
12	1	1N3163-39070 (A=F705442) (B=F705539) (C=F705656)	ARM 133,LINK	2	2	2					W
I 12-1	1	1N1833-39020 (A=F012661) (B=F012716) (C=F012771)	ARM 129,LINK	2	2	2					S
13	1	1N1673-39030 (A=F705442) (B=F705539) (C=F705656)	RUBBER,CHUTE	2	2	2					W
14	1	1N3163-36000 (A=F705442) (B=F705539) (C=F705656)	LINK A,SHOOTER	2	2	2					W
15	1	1N3223-81000 (A=F705442) (B=F705539) (C=F705656)		1	1	1					W
16	1	1N1610-70131 (A=F705442) (B=F705539) (C=F705656)	WORM	1	1	1					W
17	1	1N3153-41000 (A=F705442) (B=F705539) (C=F705656)	SHAFT COMP,WORM	1	1	1					W
18	1	1N1600-77140 (A=F705442) (B=F705539) (C=F705656)	PIN 10X185,PRESS	1	1	1					W
I 18-1	1	1N1600-84040 (A=F034296) (B=F034326) (C=F034376)		1	1	1					S
19	1	1N1600-75450 (A=F705442) (B=F705539) (C=F705656)	CLAMP 6X45,CORD	1	1	1					W
20	1	1N1600-75120 (A=F705442) (B=F705539) (C=F705656)	CLAMP 8X80,CORD	1	1	1					W
21	1	26116-080202 (A=F705442) (B=F705539) (C=F705656)	BOLT M 8X 20 PLATED	6	6	6					W
I 21-1	1	26116-080252	BOLT M 8X 25 PLATED	6	6	6					N

Fig.68. (49A)CHUTE(ADDITIONAL ITEMS)



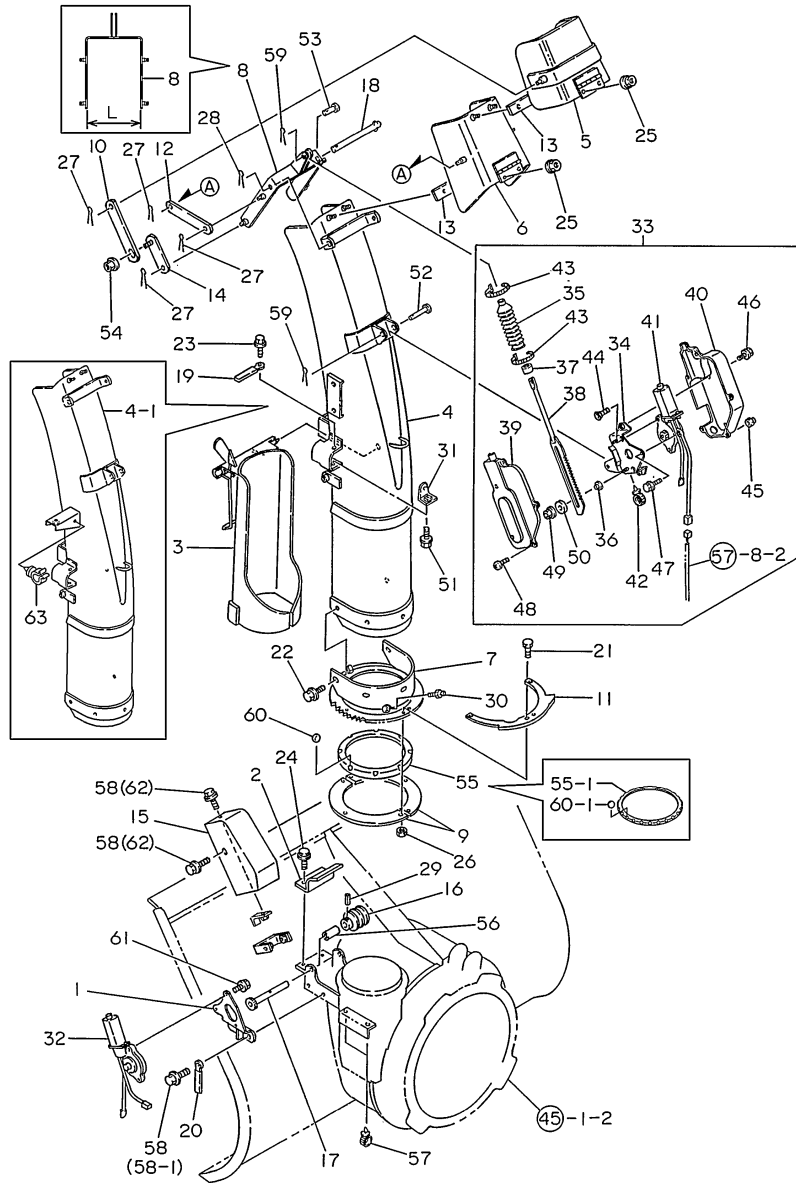
Remarks  
 (1)REF.NOS.4 IS COMPATIBLE WITH SET  
 OF REF.NOS.4-1,8-1,12-1 & 18-1.  
 (2)L=REF.NO.8 160M/M,8-1 169M/M.

(A)=YSR1820  
 (B)=YSR2220  
 (C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
22	1	26106-080122	BOLT M 8X 12 PLATED	5	5	5					W
23	1	26106-060122	BOLT M 6X 12 PLATED	1	1	1					W
24	1	26106-080162	BOLT M 8X 16 PLATED	2	2	2					W
25	1	26367-080002	U-NUT M 8	4	4	4					W
26	1	26717-080002	NUT 8	6	6	6					W
27	1	22417-250160	COTTER PIN 2.5X16	8	8	8					W
28	1	22417-320200	COTTER PIN 3.2X20	1	1	1					W
29	1	22351-045025	PIN 4.5X25,SPRING	1	1	1					W
30	1	1N1600-75150	NIPPLE A-MT6X1,GRS.	1	1	1					W
31	1	1N3078-11000	BRACKET CMP,CHUTE SW	1	1	1					W
32	1	1N3198-21000	MOTOR ASSY.,SHOOTER	1	1	1					W
33	1	7N3153-00010		1	1	1					W
34	2	1N3163-37000	BRACKET A COMP.,MOT.	1	1	1					W
35	2	1N3163-39040	BOOT,SHOOTER	1	1	1					W
36	2	1N3163-39060	COLLAR	2	2	2					W
37	2	1N3163-39080	TUBE,SPACER	1	1	1					W
38	2	1N3163-42000	RACK COMP.,SHOOTER	1	1	1					W
39	2	1N3163-89050	COVER L,MOTOR	1	1	1					W
40	2	1N3163-89080	COVER R,MOTOR	1	1	1					W
41	2	1N3198-21000	MOTOR ASSY.,SHOOTER	1	1	1					W
42	2	1N1600-81440	CLIP C-4397,CABLE	1	1	1					W
43	2	1N1600-81430	BAND CV-140SW,CABLE	2	2	2					W
44	2	1N1600-81490	SCREW M6X 16,CRFHM.C.	2	2	2					W
45	2	1N1600-81460	U-NUT M 5	5	5	5					W
46	2	26106-060122	BOLT M 6X 12 PLATED	2	2	2					W

Fig.68. (49A)CHUTE(ADDITIONAL ITEMS)



(A)=YSR1820

(B)=YSR2220

(C)=YSR2720

(D)=

(E)=

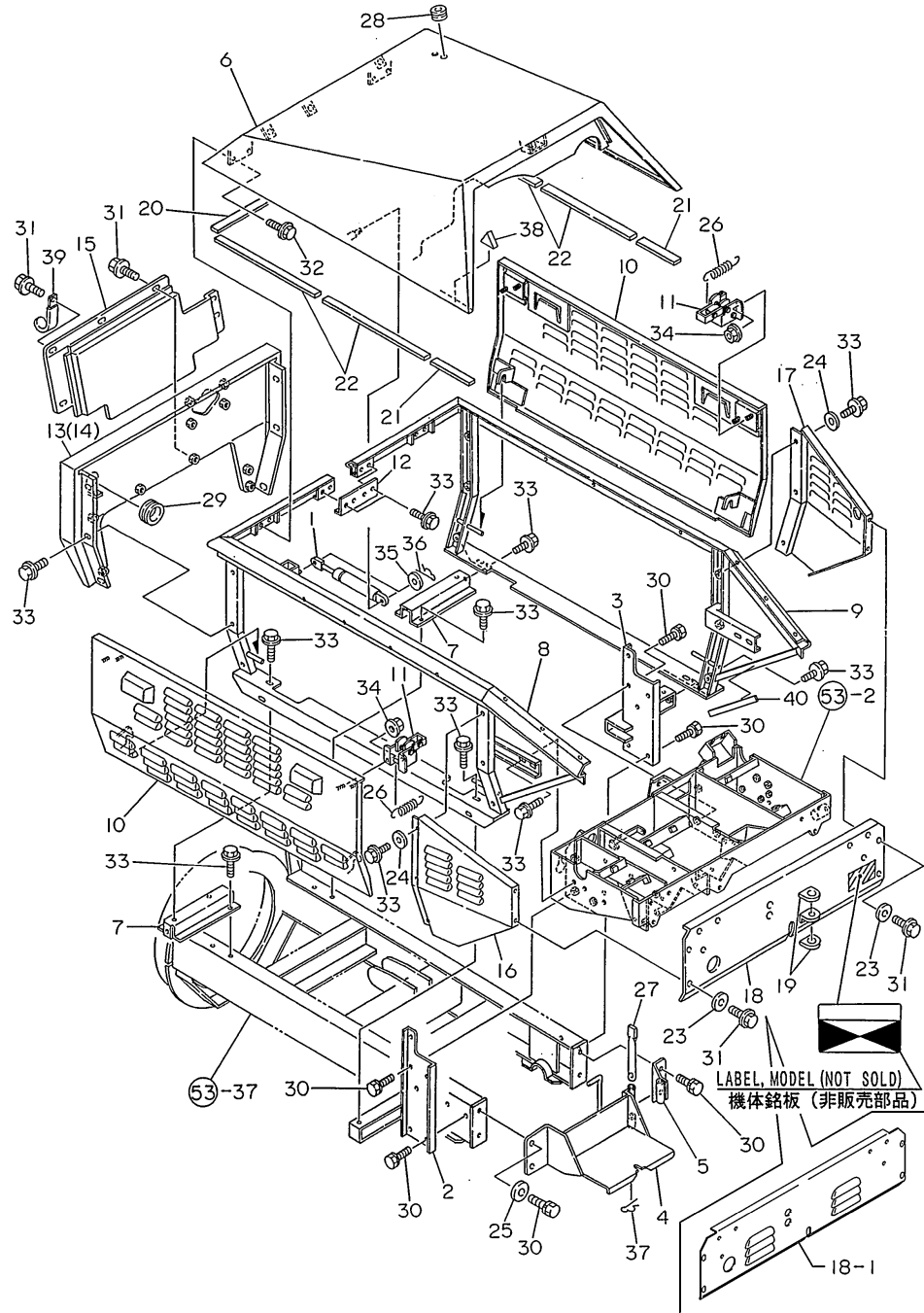
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
47	2	26106-060162	BOLT M 6X 16 PLATED (A=F705442) (B=F705539) (C=F705656)	1	1	1					W
48	2	1N1600-81450	SCREW M 5X 12 (A=F705442) (B=F705539) (C=F705656)	5	5	5					W
49	2	26367-060002	NUT M 6 (A=F705442) (B=F705539) (C=F705656)	2	2	2					W
50	2	22157-060000	WASHER 6 (A=F705442) (B=F705539) (C=F705656)	2	2	2					W
51	1	26106-080122	BOLT M 8X 12 PLATED (A=F705442) (B=F705539) (C=F705656)	1	1	1					W
52	1	1N1600-81470	PIN 8X55,ROUND HEAD (A=F705442) (B=F705539) (C=F705656)	1	1	1					W
53	1	1N1600-79550	PIN 8X25,ROUND HEAD (A=F705442) (B=F705539) (C=F705656)	1	1	1					W
54	1	26367-080002	U-NUT M 8 (A=F705442) (B=F705539) (C=F705656)	2	2	2					W
55	1	1N3163-39050	RETAINER,BALL (A=F705442) (B=F705539) (C=F705656)	1	1	1					W
I 55-1	1	1N3163-39051	RETAINER,BALL (A=F902206) (B=F902272) (C=F902316)	1	1	1					S
56	1	1N3153-49030	COLLAR,WORM (A=F705442) (B=F705539) (C=F705656)	1	1	1					W
57	1	1N1600-81440	CLIP C-4397,CABLE (A=F705442) (B=F705539) (C=F705656)	2	2	2					W
58	1	26106-080162	BOLT M 8X 16 PLATED (A=F705442) (B=F705539) (C=F705656)	5	5	5					W
I 58-1	1	26106-080162	BOLT M 8X 16 PLATED (A=F902206) (B=F902272) (C=F902316)	2	2	2					K
59	1	22417-250160	COTTER PIN 2.5X16 (A=F705442) (B=F705539) (C=F705656)	2	2	2					W
60	1	1N1600-81480	BALL 8.5,STEEL (A=F705442) (B=F705539) (C=F705656)	8	8	8					W
I 60-1	1	1N1600-81480	BALL 8.5,STEEL (A=F902206) (B=F902272) (C=F902316)	24	24	24					K
61	1	26106-060162	BOLT M 6X 16 PLATED (A=F705442) (B=F705539) (C=F705656)	3	3	3					W
I 62	1	26106-080122	BOLT M 8X 12 PLATED (A=F902206) (B=F902272) (C=F902316)	3	3	3					W
I 63	1	1N1600-81440	CLIP C-4397,CABLE (A=F034296) (B=F034326) (C=F034376)	1	1	1					W

Remarks

- (1)REF.NOS.4 IS COMPATIBLE WITH SET OF REF.NOS.4-1,8-1,12-1 & 18-1.
- (2)L=REF.NO.8 160M/M,8-1 169M/M.

Fig.50. COVERS



(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

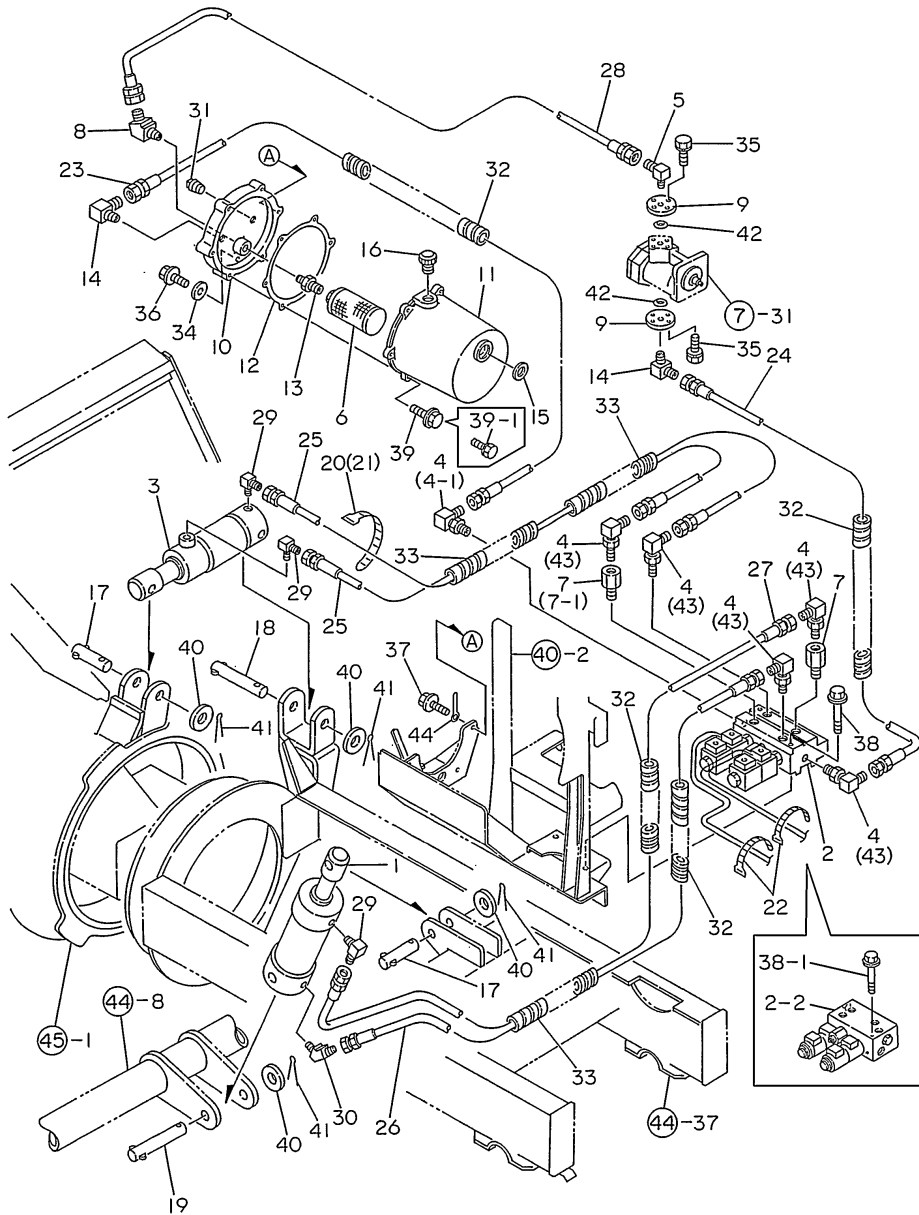
(D)=  
(E)=  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3244-00010	DAMPER 084603,GAS	1	1	1					
2	1	1N3224-12000	BRACKET L CMP.,PANEL	1	1	1					
3	1	1N3224-13000	BRACKET R CMP.,PANEL	1	1	1					
4	1	1N3224-14000	BASE COMP.,BATTERY	1	1	1					
5	1	1N3224-15000	HINGE COMP.,BASE	1	1	1					
6	1	1N3224-81000	BONNET ASSY	1	1	1					
7	1	1N3224-82000	STAY COMPL.,COVER	2	2	2					
8	1	7N3224-84000	PLATE AS,CVR.FRAME L	1	1	1					
8-1	1	7N3224-84001	PLATE AS,CVR.FRAME L	1	1	1					N
		(A=F705442) (B=F705539) (C=F705656)									
9	1	7N3224-85000	PLATE AS,CVR.FRAME R	1	1	1					
10	1	1N3224-86000	COVER COMPL.,SIDE	2	2	2					
11	1	1N3244-87000	STOPPER CMP.,SD.CVR.	4	4	4					
12	1	1N3244-89010	JOINT,FRAME	1	1	1					
13	1	1N3214-91000	COVER ASSY, FRONT	1	1						
14	1	1N3224-91000	COVER ASSY, FRONT								1
15	1	1N3224-92000	COVER CMP.,FRNT.BELT	1	1	1					
16	1	1N3224-93000	COVER L CMP.,REAR SD	1	1	1					
17	1	1N3224-94000	COVER R CMP.,REAR SD	1	1	1					
18	1	7N3224-95000	PLATE AS.,REAR COVER	1	1	1					
18-1	1	7N1600-83290	PLATE AS.,REAR COVER	1	1	1					S
		(A=F012661) (B=F012716) (C=F012771)									
19	1	1N3244-99010	RUBBER,HOLDER COVER	2	2	2					Z
		(A=F603315) (B=F603398) (C=F603463)									
20	1	1N3224-99010	SPONGE 6X350	2	2	2					
21	1	1N3224-99020	SPONGE 6X50	2	2	2					
22	1	1N3244-99020	SPONGE 6X400	4	4	4					
23	1	22157-060000	WASHER 6	4	4	4					
24	1	1N1600-77020	WASHER 8X20X2.3,RD.	6	6	6					
24-1	1	22157-080000	WASHER 8	6	6	6					R
		(A=F603315) (B=F603398) (C=F603463)									
25	1	1N1600-74540	WASHER 10X25X3.2,RD.	2	2	2					
25-1	1	22157-100000	WASHER 10	2	2	2					R
		(A=F603315) (B=F603398) (C=F603463)									
26	1	1N3249-16020	SPRING 9.5X42,COILED	4	4	4					
27	1	1N1600-79480	PIN 12X140,PRESSED	1	1	1					
28	1	1N1600-74140	BUSH BSB-21,RUBBER	1	1	1					
29	1	1N1600-77670	BUSH BW-32-2,RUBBER	1	1	1					
30	1	26013-100252	BOLT W/WASHER M10X25	14	14	14					
31	1	26106-060122	BOLT M 6X 12 PLATED	10	10	10					
32	1	26106-060162	BOLT M 6X 16 PLATED	4	4	4					
33	1	26106-080162	BOLT M 8X 16 PLATED	32	32	32					
34	1	26367-060002	NUT M 6	8	8	8					
35	1	22137-080000	WASHER 8, POLISHED	2	2	2					
36	1	22372-080000	SNAP PIN (JASO 8)	2	2	2					
37	1	22372-120000	SNAP PIN 12	1	1	1					
38	1	1N1600-81540	RUBBER,BONNET	2	2	2					W
		(A=F801831) (B=F801901) (C=F801951)									
39	1	1N1600-75120	CLAMP 8X80,CORD	1	1	1					W
		(A=F705442) (B=F705539) (C=F705656)									
40	1	1N3248-29030	SPONGE 25X100	1	1	1					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  $\begin{matrix} \leftarrow \text{Yes} \\ \text{No} \end{matrix}$  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  
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 (C)Copy Rights YANMAR CO.,LTD.



Fig.51. HYDRAULIC PIPING



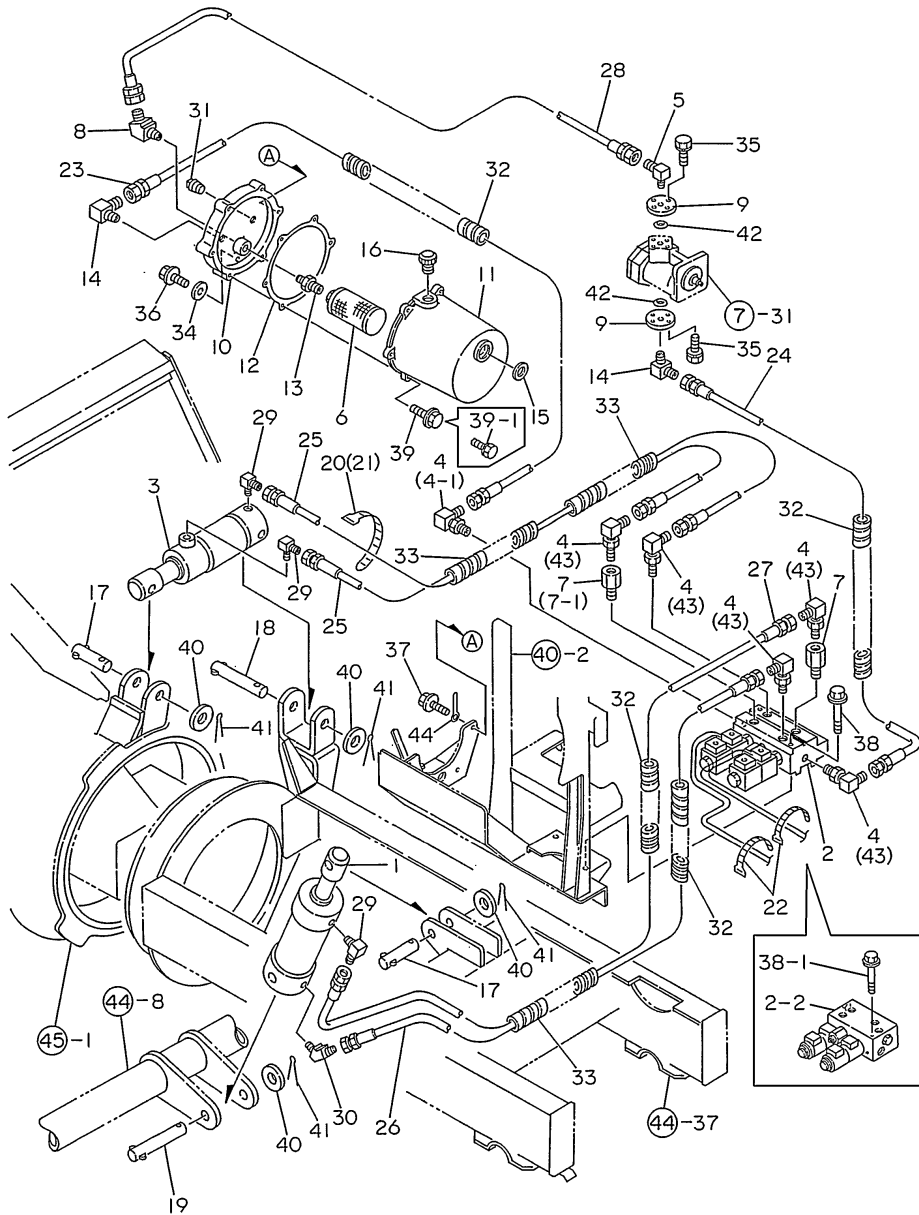
(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3075-00010	CYLINDER 60X115	1	1	1					
2	1	1N3225-00010	VALVE CV-00501-20-00	1	1	1					
2-1	1	1N3225-00011	VALVE CV-00501-41-00	1	1	1					N
I	2-2	(A=F603315) (B=F603398) (C=F603463)	VALVE SHU96053	1	1	1					S
		(A=F034296) (B=F034326) (C=F034376)									
3	1	1N1675-00050	CYLINDER 50X60	1	1	1					
4	1	1N3245-19010	ELBOW PF1/4XPF1/4	6	6	6					
I	4-1	1N3245-19010	ELBOW PF1/4XPF1/4	1	1	1					K
5	1	(A=F902206) (B=F902272) (C=F902316)	ELBOW 90 1/2X3/8	1	1	1					
6	1	1N1886-72000	FILTER NSP-03,SUC.	1	1	1					
7	1	1N3225-19010	JOINT PF1/4XPF1/4X25	2	2	2					
I	7-1	1N3225-19010	JOINT PF1/4XPF1/4X25	1	1	1					K
I	7-2	(A=F603315) (B=F603398) (C=F603463)	JOINT PF1/4XPF1/4X25	1	1	1					Z
		(A=F034296) (B=F034326) (C=F034376)									
8	1	1N3075-99020	ELBOW 45 1/2X3/8	1	1	1					
9	1	1N1886-79020	FLANGE, HYDRAULIC	2	2	2					
10	1	1N1886-79030	PLATE, OIL TANK	1	1	1					
11	1	1N1886-79040	CASE, OIL TANK	1	1	1					
12	1	1N1886-79050	PACKING, OIL TANK	1	1	1					
13	1	1N1886-79060	NIPPLE SNP03-000J	1	1	1					
14	1	1N1886-79080	ELBOW 90 1/4X3/8	2	2	2					
15	1	1N1886-79090	GAUGE B 308, OIL	1	1	1					
16	1	1N1600-75060	CAP, OIL	1	1	1					
17	1	1N1600-74380	PIN 20X75	2	2	2					
18	1	1N1600-74660	PIN 20X100, SLOTTED	1	1	1					
19	1	1N1600-74670	PIN 20X110, SLOTTED	1	1	1					
20	1	1N1600-77210	TIE RF140, REPEAT	2	2	2					
21	1	1N1600-74330	TIE RF250, REPEAT	2	2	2					
22	1	1N1600-79010	BAND 150, WIRE	2	2	2					
22-1	1	1N1600-81430	BAND CV-140SW, CABLE	2	2	2					R
23	1	(A=F705442) (B=F705539) (C=F705656)	HOSE 1/4X550, HYDRLC.	1	1	1					
24	1	1N1600-79070	HOSE 1/4X600, HYDRLC.	1	1	1					
24-1	1	1N1600-81550	HOSE 1/4X700, HYDRLC.	1	1	1					R
25	1	(A=F705442) (B=F705539) (C=F705656)	HOSE 1/4X750, HYDRLC.	2	2	2					
26	1	1N1600-79080	HOSE 1/4X800, HYDRLC.	1	1	1					
27	1	1N1600-79500	HOSE 1/4X850, HYDRLC.	1	1	1					
28	1	1N1600-79510	HOSE 1/2X550, HYDRLC.	1	1	1					
29	1	1N1600-75020	ELBOW 90 302204	3	3	3					
30	1	1N1600-74340	ELBOW 45 302404	1	1	1					
31	1	1N1600-79190	PLUG 3/8, SQUARE	1	1	1					
32	1	1N1600-79220	PLUMMER 15X300	4	4	4					
33	1	1N1600-79230	PLUMMER 25X300	3	3	3					
34	1	1N1600-74350	PACKING B	1	1	1					
35	1	26106-060252	BOLT M 6X 25 PLATED	8	8	8					
36	1	26106-080122	BOLT M 8X 12 PLATED	1	1	1					
37	1	26106-080162	BOLT M 8X 16 PLATED	4	4	4					

N:Old  $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$  New, Q:Old  $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$  New, R:Old  $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$  New, S:Old  $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.51. HYDRAULIC PIPING



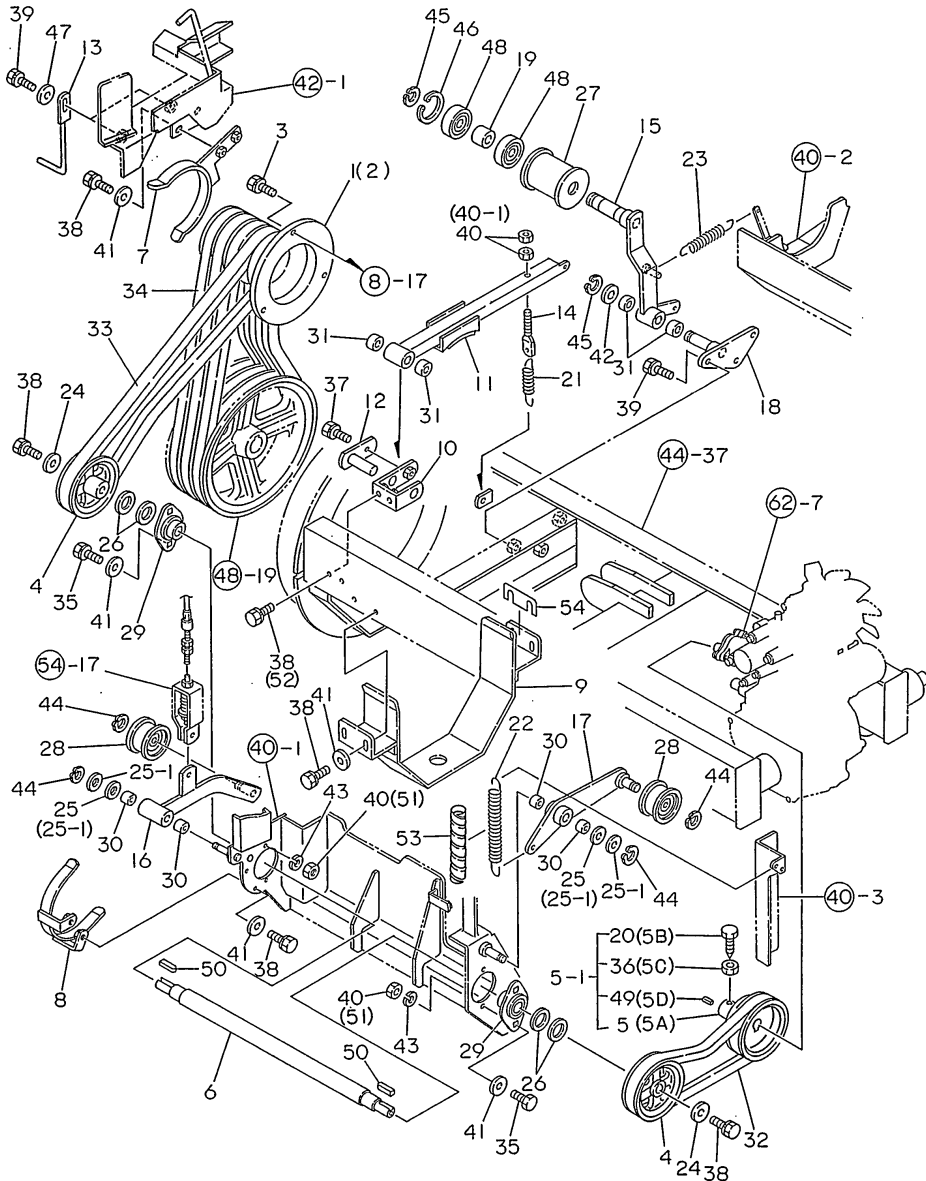
(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
38	1	26106-080652	BOLT M 8X 65 PLATED	2	2	2					
I 38-1	1	26106-080752	BOLT M 8X 75 PLATED	2	2	2					S
		(A=F034296)	(B=F034326)	(C=F034376)							
39	1	26106-060202	BOLT M 6X 20 PLATED	6	6	6					
I 39-1	1	26013-060202	BOLT M 6X 20	6	6	6					S
		(A=F024021)	(B=F024046)	(C=F024096)							
40	1	22137-200000	WASHER 20,POLISHED	4	4	4					
41	1	22417-400320	COTTER PIN 4.0X32	4	4	4					
42	1	24311-000200	O-RING 1A P-20.0	2	2	2					
I 43	1	1N3245-19040	ELBOW PF1/4XPF1/4	5	5	5					W
		(A=F902206)	(B=F902272)	(C=F902316)							
I 44	1	1N1600-75140	CLAMP 10X110,CORD	1	1	1					W
		(A=F013231)	(B=F013266)	(C=F013276)							



Fig.52. POWER TRANSMISSION



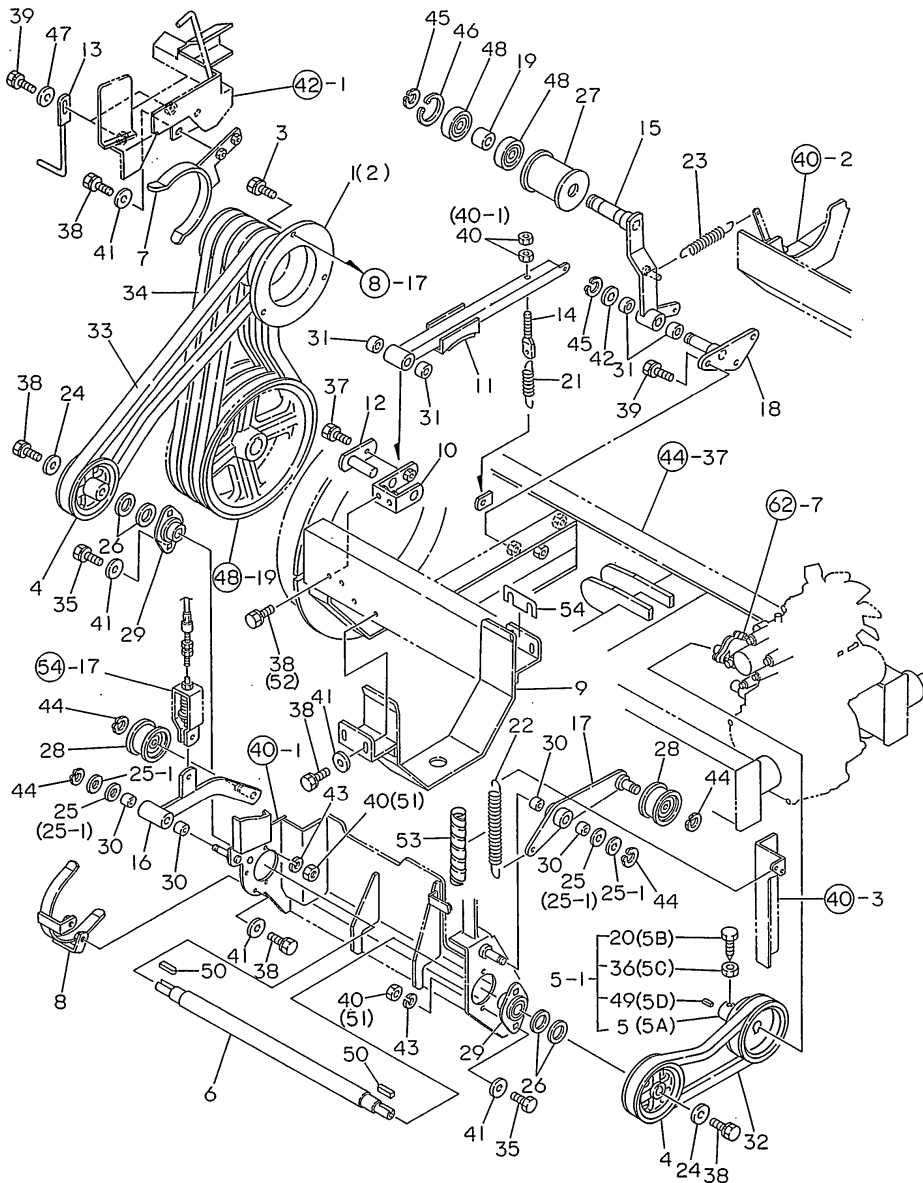
(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3200-29010	PULLEY	1							
2	1	1N3220-29010	PULLEY		1						
3	1	1N1600-74760	BOLT 12X30 W/SP.WSHR	3	3	3					
3-1	1	26013-120302 (A=F603315) (B=F603398) (C=F603463)	BOLT W/WASHER M12X30	3	3	3					R
4	1	1N3246-39020	V-PULLEY 113BX20	2	2	2					
5	1	1N1600-79520	V-PULLEY 113BX17	1	1	1					
5-1	1	1N3226-00010 (A=F801831) (B=F801901) (C=F801951)	V-PULLEY 113BX17 AS.	1	1	1					N
5A	2	1N1600-81500 (A=F801831) (B=F801901) (C=F801951)	V-PULLEY 113BX17	1	1	1					W
5B	2	1N1600-74100 (A=F801831) (B=F801901) (C=F801951)	BOLT 8X25,MACHINE	1	1	1					W
5C	2	26717-080002 (A=F801831) (B=F801901) (C=F801951)	NUT 8	1	1	1					W
5D	2	1N1600-84780 (A=F801831) (B=F801901) (C=F801951)		1	1	1					W
6	1	1N3226-49010	SHAFT, COUNTER	1	1	1					
7	1	1N3226-51000	STOPPER A,ENG.BELT	1	1	1					
8	1	1N3226-53000	STOPPER,COUNTER BELT	1	1	1					
9	1	1N3226-54000	STOPPER CMP,BLWR,BLT	1	1	1					
10	1	1N3246-55000	BRACKET COMP.,BRAKE	1	1	1					
11	1	1N3246-56000	BRAKE COMP.,BLOWER	1	1	1					
12	1	1N3246-57000	SHAFT COMP.,BRAKE	1	1	1					
13	1	1N3246-52000	STOPPER B,ENG.BELT	2	2	2					
13-1	1	1N3226-52000 (A=F801831) (B=F801901) (C=F801951)	STOPPER B,ENG.BELT	2	2	2					N
14	1	1N1636-59010	SCREW,TENSION ADJUST	1	1	1					
15	1	1N3226-61000	ARM CMP,SNW.RM.CLTCH	1	1	1					
16	1	1N3226-62000	ARM CMP,TRAVEL CLTCH	1	1	1					
17	1	1N3226-63000	ARM CMP,COUNTER TENS	1	1	1					
I 17-1	1	1N3226-63001 (A=F902206) (B=F902272) (C=F902316)		1	1	1					P
18	1	1N3246-64000	SHAFT CMP.,BLWR.TENS	1	1	1					
19	1	1N1600-73040	COLLAR 20X28	1	1	1					
20	1	1N1600-74720	BOLT 6X20,MACHINE	1	1	1					Z
21	1	1N1599-16030 (A=F801831) (B=F801901) (C=F801951)	SPRING 13.4X70,COIL.	1	1	1					
22	1	1N1600-79240	SPRING, RETURN	1	1	1					
I 22-1	1	1N3249-16040 (A=F902206) (B=F902272) (C=F902316)		1	1	1					P
23	1	1N1599-16040	SPRING 16.5X125,COIL	1	1	1					
I 23-1	1	1N3249-16050 (A=F902206) (B=F902272) (C=F902316)		1	1	1					P
I 23-2	1	1N1600-80630 (C=F034971)	SPRING 19.7X127,COIL			1					P
24	1	1N1600-74730	WASHER 8X30X4.5,RD.	2	2	2					
24-1	1	1N1600-80570 (A=F603315) (B=F603398) (C=F603463)	WASHER 8X35X4.5,RD.	2	2	2					R
25	1	1N1600-78970	WACHER 15X25X2.3	2	2	2					
I 25-1	1	1N1600-83180	WASHER 15X23X1.2,RD.	4	4	4					R

N:Old  $\frac{Yes}{No}$  New, Q:Old  $\frac{No}{Yes}$  New, R:Old  $\frac{Yes}{Yes}$  New, S:Old  $\frac{No}{No}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
 ++ CONTINUE ++  
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Fig.52. POWER TRANSMISSION



(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

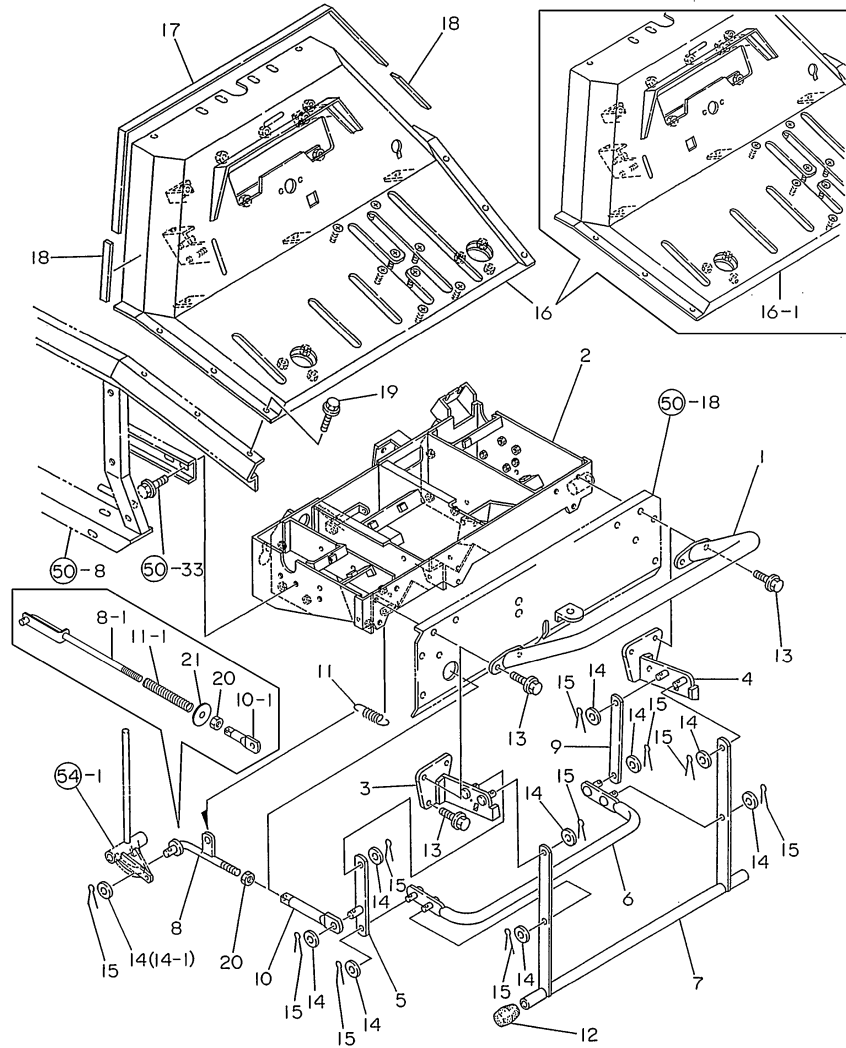
(D)=  
(E)=  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=F902206) (B=F902272) (C=F902316)									
26	1	1N1600-78990	WASHER 20X30X2.3,RD.	4	4	4					
27	1	1N1600-73170	PULLEY 62,TENSION	1	1	1					
28	1	1N1600-79530	PULLEY H45,TENSION	2	2	2					
29	1	1N1600-75270	FLANGE UNIT,RHOMBIC	2	2	2					
30	1	1N1600-78350	BUSH BM1515FB	4	4	4					
31	1	1N1600-78440	BUSH BM2015FB	4	4	4					
32	1	1N1600-78640	BELT LB31,ORANGE	1	1	1					
I 32-1	1	1N1600-81820	BELT SB30	1	1	1					P
		(A=F902206) (B=F902272) (C=F902316)									
33	1	25123-003401	V-BELT	1	1	1					
I 33-1	1	1N1600-83280	BELT SB34	1	1	1					P
		(A=F012661) (B=F012716) (C=F012771)									
34	1	1N1600-78650	V-BELT RCLBS44	3	3	3					
35	1	1N1600-74740	BOLT 8X25	4	4	4					
35-1	1	26106-080252	BOLT M 8X 25 PLATED	4	4	4					R
		(A=F603315) (B=F603398) (C=F603463)									
36	1	26717-060002	NUT M 6	1	1	1					Z
		(A=F801831) (B=F801901) (C=F801951)									
37	1	26013-060162	BOLT M 6X 16	1	1	1					
37-1	1	26106-060162	BOLT M 6X 16 PLATED	1	1	1					R
		(A=F603315) (B=F603398) (C=F603463)									
38	1	1N1600-74520	BOLT 8X20 W/SP.WSHR.	12	12	12					
38-1	1	26106-080202	BOLT M 8X 20 PLATED	12	12	12					R
		(A=F603315) (B=F603398) (C=F603463)									
38-2	1	26106-080202	BOLT M 8X 20 PLATED	10	10	10					K
		(A=F603315) (B=F603398) (C=F603463)									
39	1	26013-100252	BOLT W/WASHER M10X25	5	5	5					
40	1	26717-080002	NUT 8	6	6	6					
40-1	1	26717-080002	NUT 8	2	2	2					K
		(A=F603315) (B=F603398) (C=F603463)									
41	1	22137-080000	WASHER 8, POLISHED	12	12	12					Z
		(A=F603315) (B=F603398) (C=F603463)									
42	1	22137-200000	WASHER 20,POLISHED	1	1	1					
43	1	22217-080000	SPRING WASHER 8	4	4	4					Z
		(A=F603315) (B=F603398) (C=F603463)									
44	1	22242-000150	CIRCLIP 15	4	4	4					
45	1	22242-000200	CIRCLIP 20	2	2	2					
46	1	22252-000520	CIRCLIP 52	1	1	1					
47	1	22137-100000	WASHER 10,POLISHED	2	2	2					
48	1	1N1600-75540	BALL BEARING	2	2	2					
49	1	22550-050220	KEY 5X22	1	1	1					Z
		(A=F801831) (B=F801901) (C=F801951)									
50	1	1N1600-79700	KEY 6X6X20S	2	2	2					
51	1	26367-080002	U-NUT M 8	4	4	4					W
		(A=F603315) (B=F603398) (C=F603463)									
52	1	26106-080162	BOLT M 8X 16 PLATED	2	2	2					W
		(A=F603315) (B=F603398) (C=F603463)									
53	1	1N1600-79230	PLUMMER 25X300	1	1	1					W
		(A=F801831) (B=F801901) (C=F801951)									
I 54	1	1N3226-59010	SHIM	1	1	1					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  $\begin{matrix} \leftarrow \text{Yes} \\ \text{No} \end{matrix}$  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.53. PANEL & HANDLE



Remarks  
 (1) REF. NOS. 8, 10 & 11 IS COMPATIBLE  
 WITH SET OF REF. NOS. 8-1, 10-1 &  
 11-1.

(A)=YSR1820 (D)=  
 (B)=YSR2220 (E)=  
 (C)=YSR2720 (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3227-11000	HANDLE COMPL.	1	1	1					
2	1	1N3227-22000	RELEY BOX	1	1	1					
3	1	1N3077-22000	BRACKET L,EMG.STP.LV	1	1	1					
4	1	1N3077-23000	BRACKET R,EMG.STP.LV	1	1	1					
5	1	1N3077-26000	LINK L CMP,STP.LEVER	1	1	1					
6	1	1N3077-63000	GUARD COMP.,UPPER	1	1	1					
7	1	1N3077-62000	LEVER CMP,EMERG.STOP	1	1	1					
8	1	1N3227-65000	ROD COMP.,ADJUSTING	1	1	1					
I	8-1	1N3227-66000		1	1	1					F 1
		(A=F003351) (B=F003391) (C=F003451)									
9	1	1N3077-69130	LINK,STOP LEVER	1	1	1					
10	1	1N1833-39030	ROD 105,CHUTE LINK	1	1	1					
I	10-1	1N1600-83190		1	1	1					F 1
		(A=F003351) (B=F003391) (C=F003451)									
11	1	1N1600-71560	COIL SPRING 12.5X50	1	1	1					
I	11-1	1N3247-69050		1	1	1					F 1
		(A=F003351) (B=F003391) (C=F003451)									
12	1	1N1600-77700	FOOT C-31-4,RUBBER	2	2	2					
13	1	26106-080252	BOLT M 8X 25 PLATED	6	6	6					
14	1	22137-080000	WASHER 8, POLISHED	10	10	10					
14-1	1	22137-080000	WASHER 8, POLISHED	1	1	1					K
		(A=F801831) (B=F801901) (C=F801951)									
I	14-2	1N3247-39020	WASHER 8X25X1.6,RD.	1	1	1					P
		(A=F012661) (B=F012716) (C=F012771)									
15	1	22417-250160	COTTER PIN 2.5X16	10	10	10					
16	1	7N3228-21000	PLATE AS,INDIC.PANEL	1	1	1					
I	16-1	7N3228-21001	PLATE AS,INDIC.PANEL	1	1	1					S
		(A=F902206) (B=F902272) (C=F902316)									
17	1	1N3228-29010	SPONGE 15X740	1	1	1					
17-1	1	1N1600-81560	SPONGE 15X660	1	1	1					S
		(A=F801831) (B=F801901) (C=F801951)									
18	1	1N3248-29020	RUBBER 15X100	2	2	2					
18-1	1	1N3248-29021	RUBBER 15X150	2	2	2					S
		(A=F801831) (B=F801901) (C=F801951)									
19	1	26106-060122	BOLT M 6X 12 PLATED	6	6	6					
20	1	26717-080002	NUT 8	1	1	1					
I	21	1N3247-69060		1	1	1					W 1
		(A=F003351) (B=F003391) (C=F003451)									

Fig.54. CONTROL LEVER

(A)=YSR1820

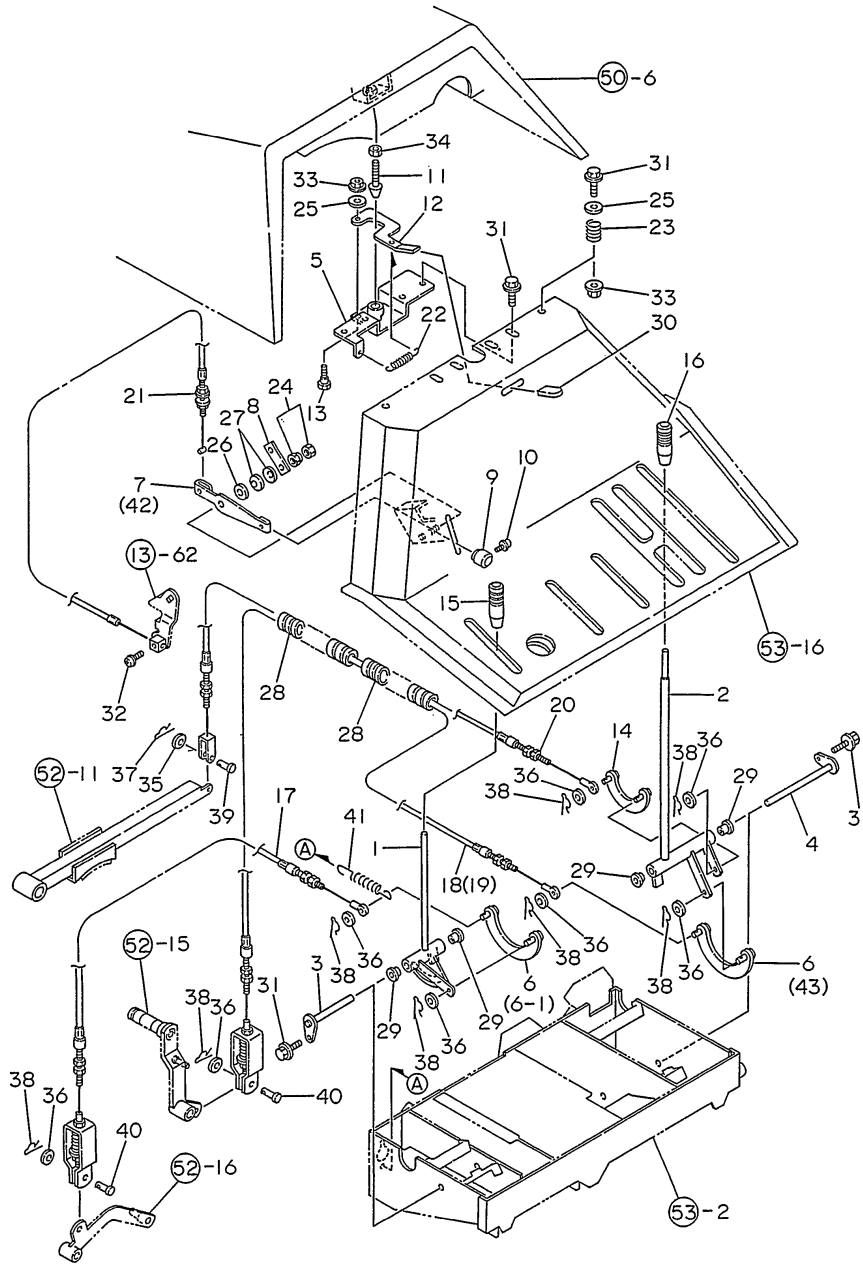
(B)=YSR2220

(C)=YSR2720

(D)=

(E)=

(F)=



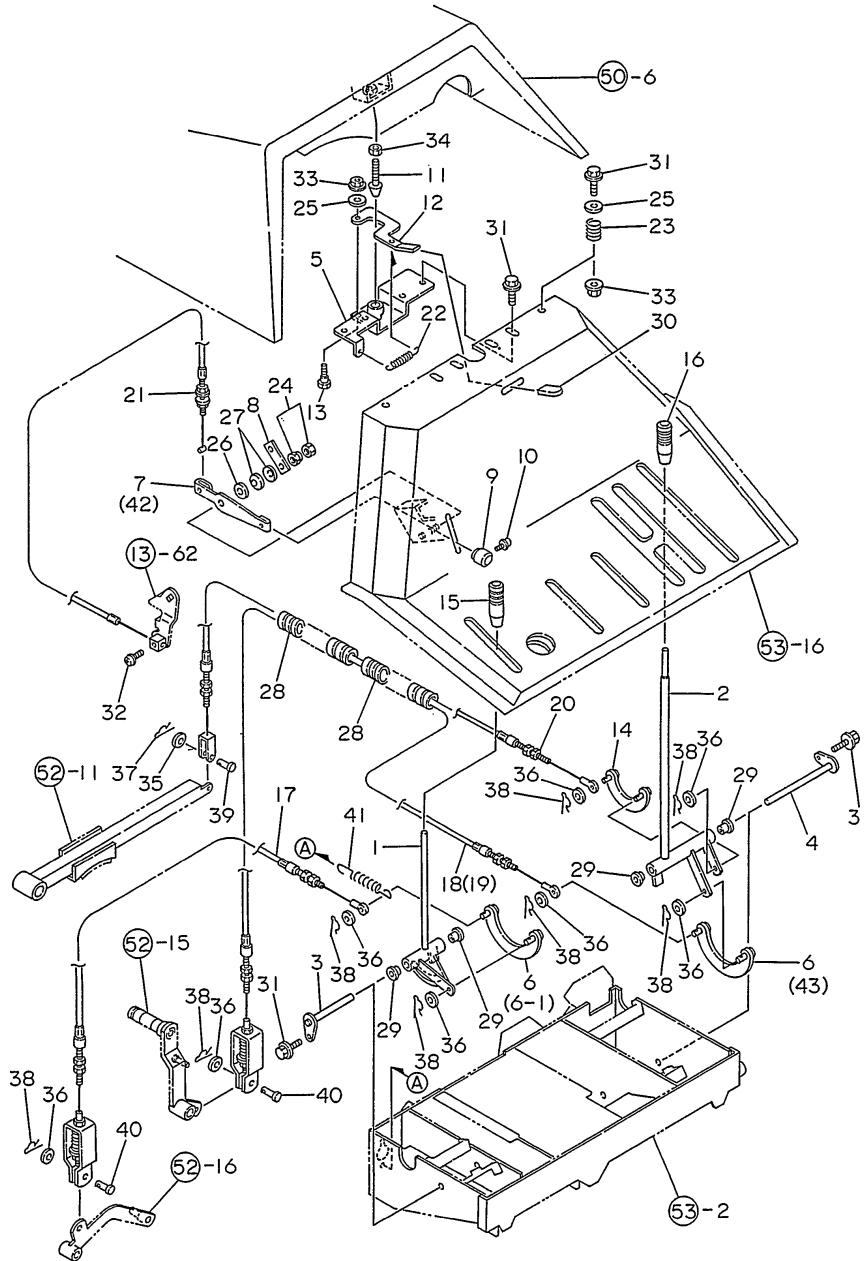
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3227-31000	LEVER CMP,TRVL.CLTCH	1	1	1					
2	1	1N3227-41000	LEVER,SNW.REMV.CLTCH	1	1	1					
3	1	1N3247-42000	PIN 100 COMP.,LEVER	1	1	1					
4	1	1N3247-43000	PIN 160 COMP.,LEVER	1	1	1					
5	1	1N3247-58000	HOLDER COMP.,BONNET	1	1	1					
6	1	1N1600-78860	LINK COMP.,CLUTCH	2	2	2					
I	6-1	1	1N1600-78860 (C=F034971)			1					K
I	7	1	1N3247-59050	THROTTLE LEVER	1	1	1				Z
8	1	(A=F003351) 1N3247-59060	PLATE, THRUST	1	1	1					
9	1	(B=F003391) 1N3247-59070	KNOB,THROTTLE LEVER	1	1	1					
10	1	1N3247-59080	SCREW M4X8,SPECIAL	1	1	1					
11	1	1N3247-59090	SHAFT,BONNET HOLDER	1	1	1					
12	1	1N3247-59100	LEVER,BONNET OPEN	1	1	1					
13	1	1N3247-59110	BOLT M 6	1	1	1					
14	1	1N3077-66000	LINK COMP.,CLUTCH	1	1	1					
15	1	1N3077-69020	GRIP,CONT.LEVER RED	1	1	1					
16	1	1N3247-69020	GRIP,CONTROL LEVER	1	1	1					
17	1	1N3227-71000	WIRE,CLUTCH	1	1	1					
I	17-1	1	1N1600-83200	WIRE,CLUTCH	1	1	1				R
18	1	(A=F902206) 1N3217-72000	WIRE,SNW.REMV.CLTCH	1	1						
19	1	(B=F902272) 1N3227-72000	WIRE,SNW.REMV.CLTCH			1					
I	20	1	(C=F902316) 1N3227-73000	WIRE, BRAKE	1	1	1				
21	1	1N3247-74000	THROTTLE WIRE	1	1	1					
22	1	1N1600-71560	COIL SPRING 12.5X50	1	1	1					
23	1	1N3249-16010	SPRING,BONNET	1	1	1					
I	23-1	1	1N3249-16030	SPRING,BONNET	1	1	1				P
24	1	(A=F012661) 1N1600-78910	NUT M8,HARD LOCK	1	1	1					
25	1	(B=F012716) 1N1600-78950	WASHER 6X15X2.3,RD.	2	2	2					
25-1	1	(C=F012771) 22157-060000	WASHER 6	2	2	2					R
26	1	(A=F603315) 1N1600-77020	WASHER 8X20X2.3,RD.	1	1	1					
26-1	1	(B=F603398) 22157-080000	WASHER 8	1	1	1					R
27	1	(C=F603463) 1N1600-77060	SPRING H8,BELLEVILLE	2	2	2					
28	1	1N1600-79210	PLUMMER 12X200	2	2	2					
29	1	1N1600-79290	BUSH 80F-1210,FLANGE	4	4	4					
30	1	1N1600-79330	GRIP K15,LEVER	1	1	1					
31	1	26106-060162	BOLT M 6X 16 PLATED	7	7	7					
32	1	26557-040102	SCREW M 4X 10	1	1	1					
33	1	26367-060002	NUT M 6	2	2	2					
34	1	26717-100002	NUT M10	1	1	1					
35	1	22137-060000	WASHER 6, POLISHED	1	1	1					
36	1	22137-080000	WASHER 8, POLISHED	8	8	8					
37	1	22372-060000	SNAP PIN 6	1	1	1					
38	1	22372-080000	SNAP PIN (JASO 8)	8	8	8					
39	1	1N1600-78230	PIN 6X20,ROUND HEAD	1	1	1					
40	1	1N1600-79380	PIN 8X22,ROUND HEAD	2	2	2					

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

Fig.54. CONTROL LEVER

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

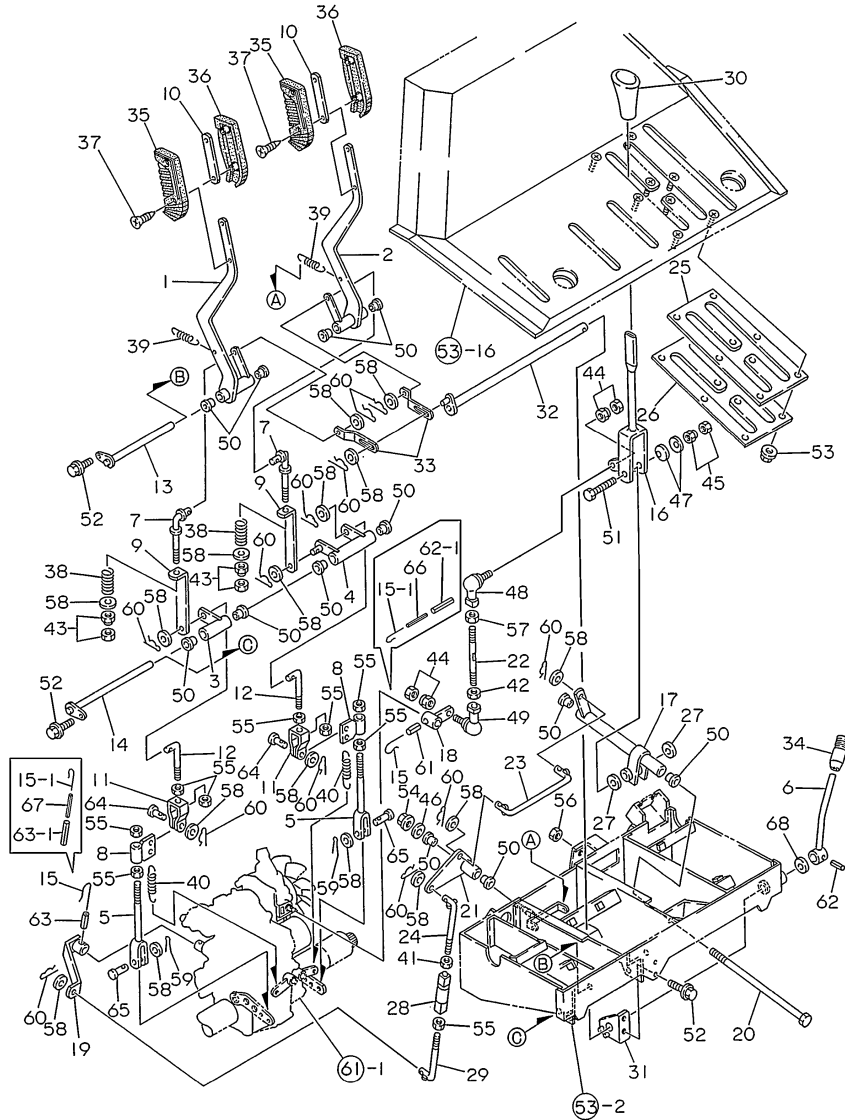


REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
41	1	1N1600-81570 (A=F705442) (B=F705539)	SPRING 12.5X100,COIL (C=F705656)	1	1	1					W
I 42	1	1N3217-59050 (A=F003351)		1	1						W
I 43	1	1N3227-44000 (B=F003391) (C=F034971)				1					W

Fig.55. CONTROL LEVER

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3227-32000	LEVER L CMP,SD.CLTCH	1	1	1					
2	1	1N3227-33000	LEVER R CMP,SD.CLTCH	1	1	1					
3	1	1N3227-34000	ARM L COMP.,COUNTER	1	1	1					
4	1	1N3227-35000	ARM R COMP.,COUNTER	1	1	1					
5	1	1N3077-36000	ROD 190 CMP,SD.CLTCH	2	2	2					
6	1	1N1867-37000	LEVER CMP,PARK.BRAKE	1	1	1					
7	1	1N3077-37000	LINK 34 CMP,SD.CLTCH	2	2	2					
8	1	1N3077-38000	HOLDER CMP.,SD.CLTCH	2	2	2					
9	1	1N3227-39010	ROD 147,SIDE CLUTCH	2	2	2					
10	1	1N3157-39020	SPACER	2	2	2					Z
		(A=F603315) (B=F603398) (C=F603463)									
11	1	1N3077-39030	JOINT A	2	2	2					
12	1	1N3077-39070	LINK 95L,SIDE CLUTCH	2	2	2					
12-1	1	1N3227-39020	ROD 85,SIDE CLUTCH	2	2	2					N
		(A=F705442) (B=F705539) (C=F705656)									
13	1	1N3227-42000	PIN 185 COMP.,LEVER	1	1	1					
14	1	1N3227-43000	PIN 225 COMP.,LEVER	1	1	1					
15	1	1N1600-78850	WIRE 1.6X100	2	2	2					
I 15-1	1	1N3247-59130	CAP 1.2X100	2	2	2					P
		(A=F024021) (B=F024046) (C=F024096)									
16	1	1N3227-51000	LEVER COMPL.,CHANGE	1	1	1					
17	1	1N3227-52000	BOSS CMP.,CHG.LEVER	1	1	1					
18	1	1N3227-53000	ARM COMPL.,CHANGE	1	1	1					
19	1	1N3227-54000	ARM COMP.,SUB-CHANGE	1	1	1					
20	1	1N3227-55000	SHAFT CMP.,CHG.LEVER	1	1	1					
21	1	1N3227-56000	CAM COMP.,SUB-CHANGE	1	1	1					
22	1	1N3227-59010	SPEED CHANGE ROD	1	1	1					
23	1	1N3227-59020	ROD A,SUB-CHANGE	1	1	1					
24	1	1N3227-59030	ROD B,SUB-CHANGE	1	1	1					
25	1	1N3247-59030	GUIDE,CHANGE LEVER	1	1	1					
26	1	1N3247-59040	CLAMP,LEVER GUIDE	1	1	1					
27	1	1N3077-59040	WASHER 14X30X3,THRST	2	2	2					
28	1	1N3157-59050	LINK 100	1	1	1					
29	1	1N3167-59071	ROD 120	1	1	1					
30	1	1N3067-59910	GRIP,CHANGE LEVER	1	1	1					
31	1	1N3227-63000	BRACKET,BRAKE SHAFT	1	1	1					
32	1	1N3227-64000	SHAFT CMP.,BRK.LEVER	1	1	1					
33	1	1N3227-69010	LINK, BRAKE	2	2	2					
34	1	1N3077-69020	GRIP,CONT.LEVER RED	1	1	1					
35	1	1N3077-69030	GRIP A,CLUTCH LEVER	2	2	2					
35-1	1	1N3247-69030	GRIP A,CLUTCH LEVER	2	2	2					F 1
		(A=F603315) (B=F603398) (C=F603463)									
36	1	1N3077-69040	GRIP B,CLUTCH LEVER	2	2	2					
36-1	1	1N3247-69040	GRIP B,CLUTCH LEVER	2	2	2					F 1
		(A=F603315) (B=F603398) (C=F603463)									
37	1	1N3077-69060	SCREW M4X20	4	4	4					
38	1	1N3079-16030	SPRING 14.5X50,COIL.	2	2	2					
39	1	1N1599-16040	SPRING 16.5X125,COIL	2	2	2					
40	1	1N1639-19190	SPRING,TENSN CLUTCH	2	2	2					
I 40-1	1	1N3229-16010	SPRING,SIDE CLUTCH	2	2	2					N
		(A=F902206) (B=F902272) (C=F902316)									

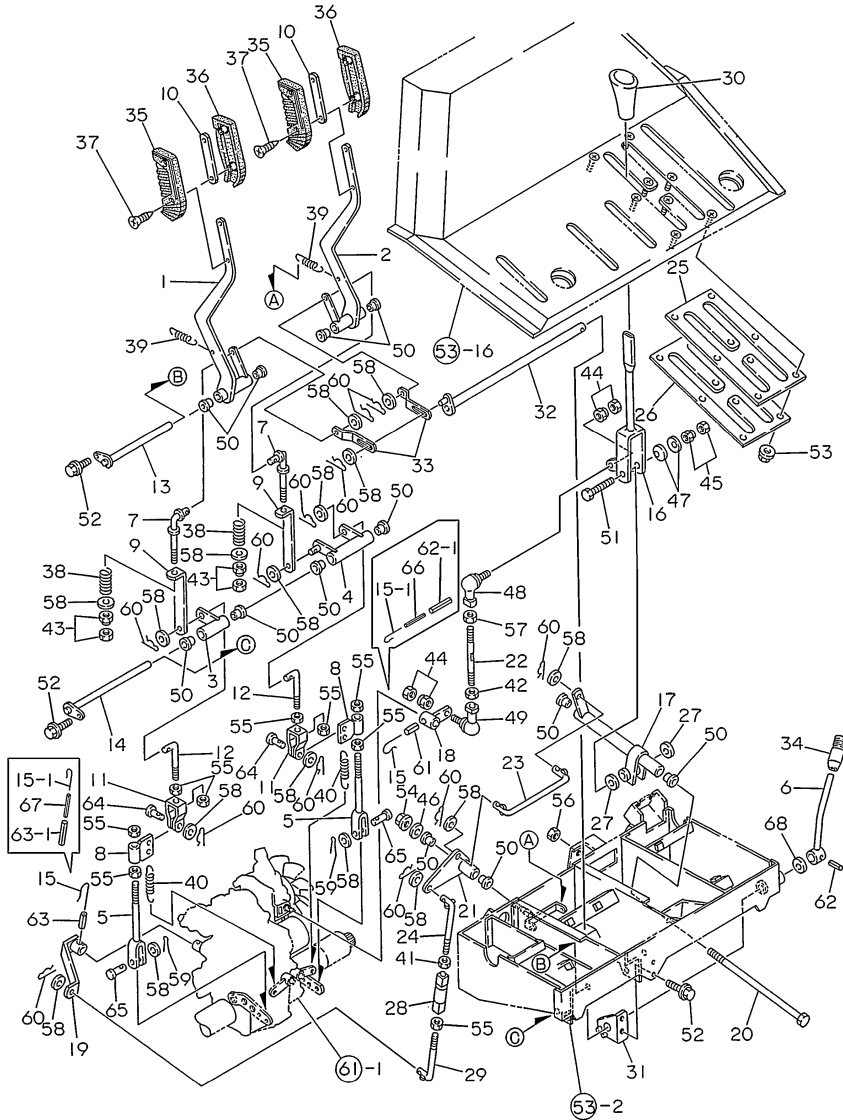
Remarks

(1)THE INDEXES NO.10,35 AND 36 ARE A SET AND COMPATIBLE WITH A SET OF 35-1 AND 36-1.

Fig.55. CONTROL LEVER

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

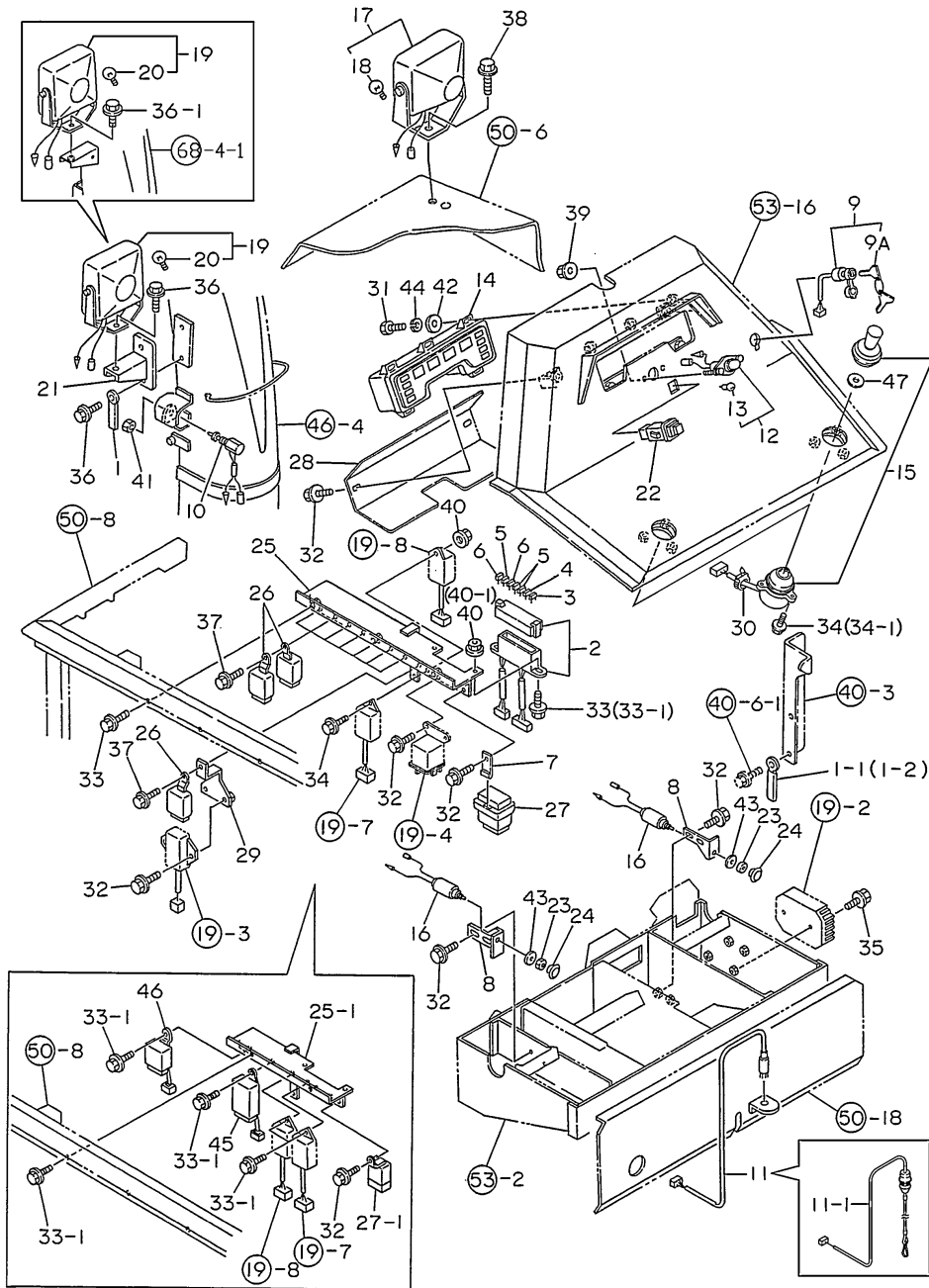


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
41	1	1N1600-77250	NUT 8,SM.LEFT HAND	1	1	1					
42	1	1N1600-78900	NUT M10X1.25,SM.LEFT	1	1	1					
43	1	1N1600-78910	NUT M8,HARD LOCK	2	2	2					
44	1	1N1600-78930	NUT M10X1.25,HRD.LOC	2	2	2					
45	1	1N1600-79540	NUT M14,HARD LOCK	1	1	1					
46	1	1N1600-77020	WASHER 8X20X2.3,RD.	1	1	1					
46-1	1	22157-080000	WASHER 8	1	1	1					R
		(A=F603315) (B=F603398) (C=F603463)									
47	1	1N1600-77300	SPRING H14,BELLEVIL.	2	2	2					
48	1	1N1600-79270	BALL LHSA10	1	1	1					
49	1	1N1600-79280	BALL LHSA10L	1	1	1					
50	1	1N1600-79290	BUSH 80F-1210,FLANGE	12	12	12					
51	1	1N1600-77490	BOLT M14X80	1	1	1					
52	1	26106-060162	BOLT M 6X 16 PLATED	4	4	4					
53	1	26367-060002	NUT M 6	8	8	8					
54	1	26367-080002	U-NUT M 8	1	1	1					
55	1	26717-080002	NUT 8	9	9	9					
56	1	26717-120002	NUT M12	1	1	1					
57	1	26737-100002	NUT M10	1	1	1					
58	1	22137-080000	WASHER 8, POLISHED	16	16	16					
59	1	22417-250160	COTTER PIN 2.5X16	2	2	2					
60	1	22372-080000	SNAP PIN (JASO 8)	12	12	12					
I 61	1	1N1600-75400	PIN 5X22,SPRING	1	1	1					Z
		(A=F003351) (B=F003391) (C=F003451)									
62	1	22351-050025	SPRING PIN 5X25	1	1	1					
I 62-1	1	22351-050025	SPRING PIN 5X25	2	2	2					K
		(A=F003351) (B=F003391) (C=F003451)									
63	1	22351-060022	SPRING PIN 6X22	1	1	1					
I 63-1	1	22351-060025	SPRING PIN 6X25	1	1	1					R
		(A=F003351) (B=F003391) (C=F003451)									
64	1	1N1600-79380	PIN 8X22,ROUND HEAD	2	2	2					
65	1	1N1600-79550	PIN 8X25,ROUND HEAD	2	2	2					
I 66	1	22351-030025	SPRING PIN 3X25	1	1	1					W
		(A=F003351) (B=F003391) (C=F003451)									
I 67	1	22351-035025	SPRING PIN 3.5X25	1	1	1					W
		(A=F003351) (B=F003391) (C=F003451)									
I 68	1	1N1600-78970	WACHER 15X25X2.3	1	1	1					W
		(A=F902206) (B=F902272) (C=F902316)									

Remarks  
(1)THE INDEXES NO.10,35 AND 36 ARE A SET AND COMPATIBLE WITH A SET OF 35-1 AND 36-1.



Fig.56. ELECTRICAL PARTS



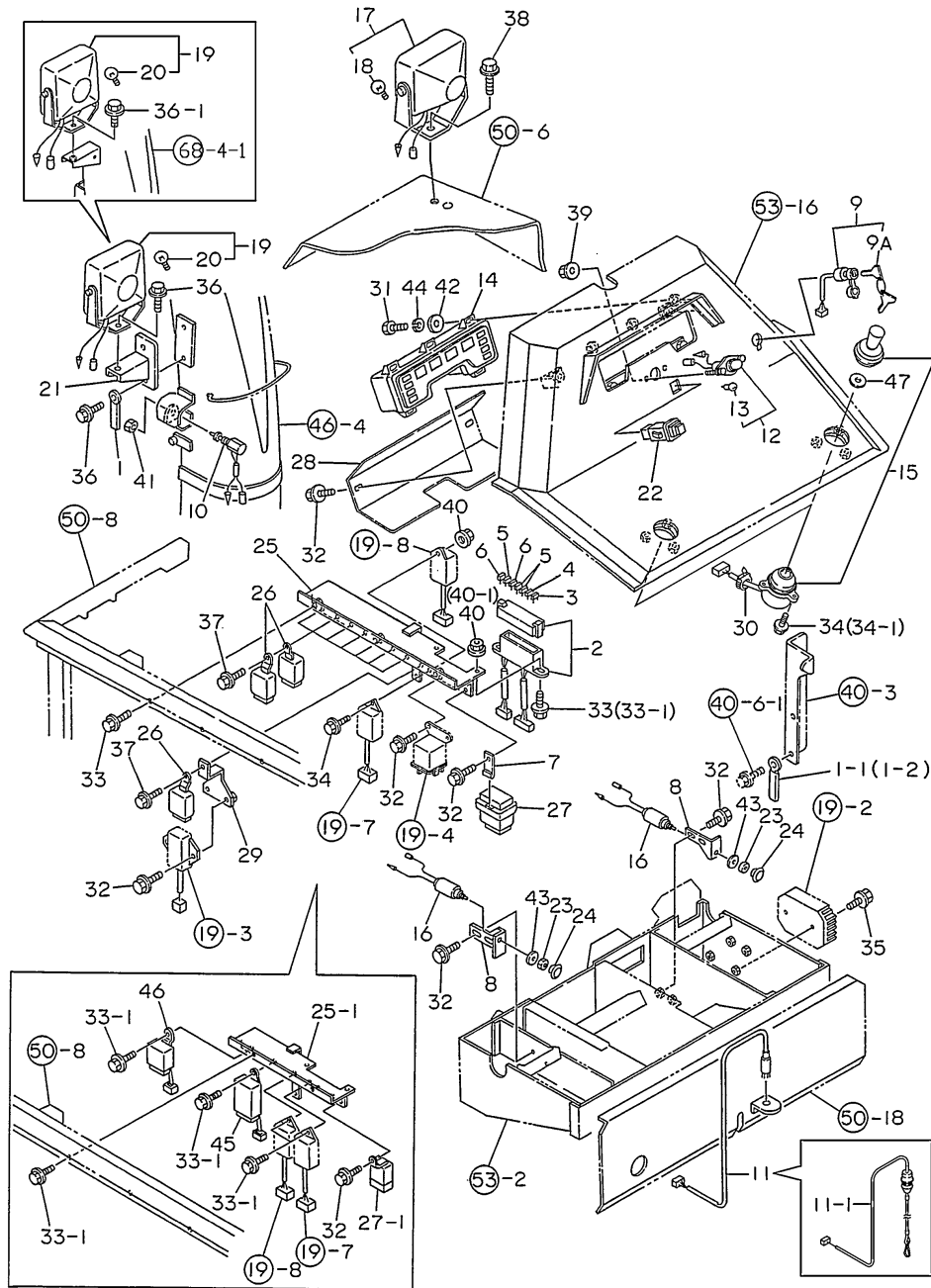
(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1600-75120	CLAMP 8X80,CORD	1	1	1					
1-1	1	1N1600-75120	CLAMP 8X80,CORD	2	2	2					K
		(A=F705442) (B=F705539) (C=F705656)									
I	1-2	1N1600-75120	CLAMP 8X80,CORD	1	1	1					K
		(A=F034296) (B=F034326) (C=F034376)									
2	1	1N3248-91000	BOX, FUSE	1	1	1					
3	1	1N1600-78550	FUSE 3A,BLADE	1	1	1					
4	1	1N1600-78560	FUSE 5A,BLADE	1	1	1					
5	1	1N1600-78570	FUSE 10A,BLADE	3	3	3					
6	1	1N1600-78580	FUSE 30A,BLADE	2	2	2					
7	1	1N1868-19020	BRACKET COMPL.,WIRE	1	1	1					Z
		(A=F603315) (B=F603398) (C=F603463)									
8	1	1N3248-19020	BRACKET R,SWITCH	2	2	2					
9	1	1N1868-31000	SWITCH,MAIN	1	1	1					
9A	2	123482-91291	KEY, SWITCH	2	2	2					
10	1	1N1808-31000	SWITCH,GUARD	1	1	1					
11	1	1N1938-31000	SWITCH,EMRGNCY.STOP	1	1	1					
I	11-1	1N3168-31000		1	1	1					S
		(A=F012661) (B=F012716) (C=F012771)									
12	1	1N3158-31000	LIGHT,PANEL	1	1	1					
13	2	1N3158-31200	BULB 12V10W	1	1	1					
14	1	1N3248-31000	COMBINATION METER	1	1	1					
15	1	1N3248-32000	SWITCH	2	2	2					
16	1	1N1600-70180	SWITCH,NEUTRAL	2	2	2					
17	1	1N3248-33000	LAMP,WORKING (L)	1	1	1					
18	2	1N3248-33200	BULB 12V27W	1	1	1					
19	1	1N3248-34000	LAMP S,WORKING	1	1	1					
20	2	1N3248-34200	BULB 12V-23W	1	1	1					
I	21	1N1678-35000	STAY,CHUTE LIGHT	1	1	1					Z
		(A=F034296) (B=F034326) (C=F034376)									
22	1	1N3248-35000	SWITCH,SM.LIFTING	1	1	1					
23	1	1N3068-39010	NUT	2	2	2					
24	1	1N3248-39010	M-S005370 Y NYG	2	2	2					
25	1	1N3228-62000	BRACKET COMP.,RELAY	1	1	1					
25-1	1	1N3248-62001	BRACKET COMP.,RELAY	1	1	1					S
		(A=F603315) (B=F603398) (C=F603463)									
26	1	1N1938-74000	RELAY A	15	15	15					Z
		(A=F603315) (B=F603398) (C=F603463)									
27	1	1N1938-75000	RELAY B	1	1	1					
27-1	1	1N3248-45000	RELAY,NO.	1	1	1					S
		(A=F603315) (B=F603398) (C=F603463)									
28	1	1N3248-89010	COVER,METER	1	1	1					
29	1	1N3218-61000	STAY COMP.,RESISTOR	1	1						
30	1	1N1600-79040	CLIP C-1J77,CABLE	2	2	2					
31	1	1N1600-79360	BOLT M4X15	5	5	5					
32	1	26106-060122	BOLT M 6X 12 PLATED	11	11	9					
33	1	26106-060162	BOLT M 6X 16 PLATED	5	5	5					
33-1	1	26106-060162	BOLT M 6X 16 PLATED	8	8	8					K
		(A=F603315) (B=F603398) (C=F603463)									
34	1	26106-060202	BOLT M 6X 20 PLATED	7	7	7					
34-1	1	26106-060202	BOLT M 6X 20 PLATED	6	6	6					K

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

Fig.56. ELECTRICAL PARTS



(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

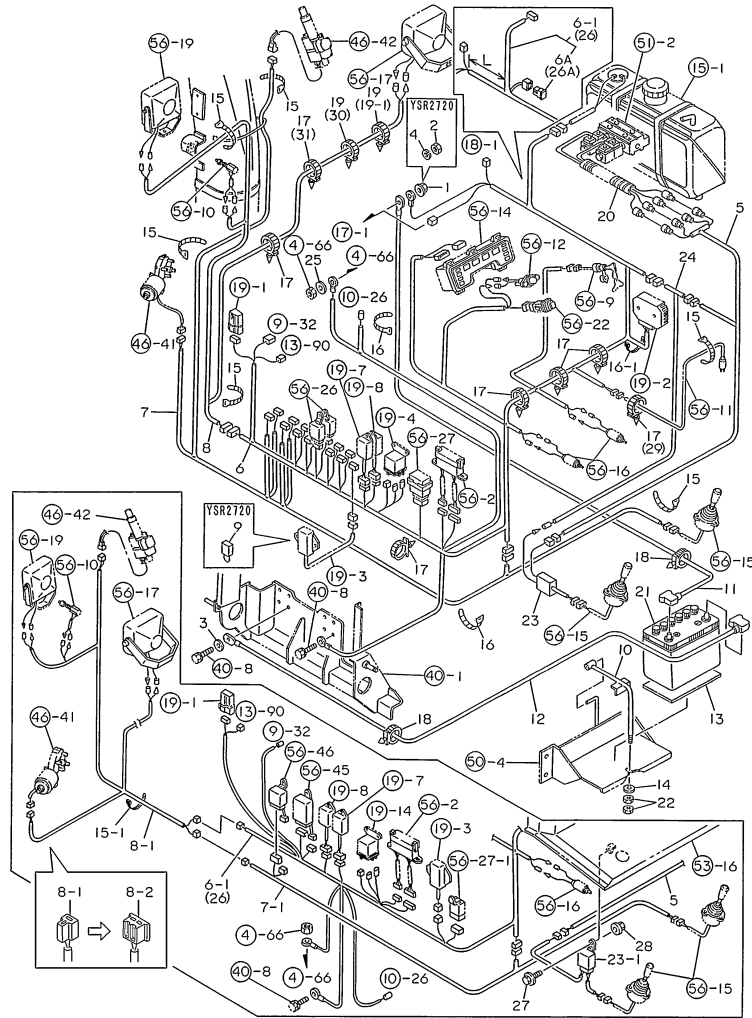
(D)=  
(E)=  
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=F603315) (B=F603398) (C=F603463)									
		35 1 26106-060252	BOLT M 6X 25 PLATED	2	2	2					
		36 1 26106-080122	BOLT M 8X 12 PLATED	3	3	3					
I		36-1 1 26106-080122	BOLT M 8X 12 PLATED	1	1	1					K
		(A=F034296) (B=F034326) (C=F034376)									
		37 1 26106-080162	BOLT M 8X 16 PLATED	8	8	8					Z
		(A=F603315) (B=F603398) (C=F603463)									
		38 1 26106-100202	BOLT M10X 20 PLATED	1	1	1					
		38-1 1 26013-100202	BOLT W/WASHER M10X20	1	1	1					R
		(A=F603315) (B=F603398) (C=F603463)									
		39 1 26367-040002	NUT 4	2	2	2					
		40 1 26367-060002	NUT M 6	3	3	3					
		40-1 1 26367-060002	NUT M 6	2	2	2					K
		(A=F603315) (B=F603398) (C=F603463)									
		41 1 26737-120002	NUT M12	1	1	1					
		42 1 22137-040000	WASHER 4, POLISHED	5	5	5					
		43 1 22137-100000	WASHER 10, POLISHED	2	2	2					
I		43-1 1 22117-100000	WASHER 10	2	2	2					N
		(A=F902206) (B=F902272) (C=F902316)									
		44 1 22217-040000	SPRING WASHER 4	5	5	5					
		45 1 1N3248-41000	BOX, INDICATOR	1	1	1					W
		(A=F603315) (B=F603398) (C=F603463)									
		46 1 1N3248-42000	BOX, SHOOTER	1	1	1					W
		(A=F603315) (B=F603398) (C=F603463)									
I		47 1 1N3248-39020	WASHER 11X32X4.5, RD.	2	2	2					W
		(A=F003501) (B=F003521) (C=F003549)									

Fig.57. ELECTRICAL PARTS

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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



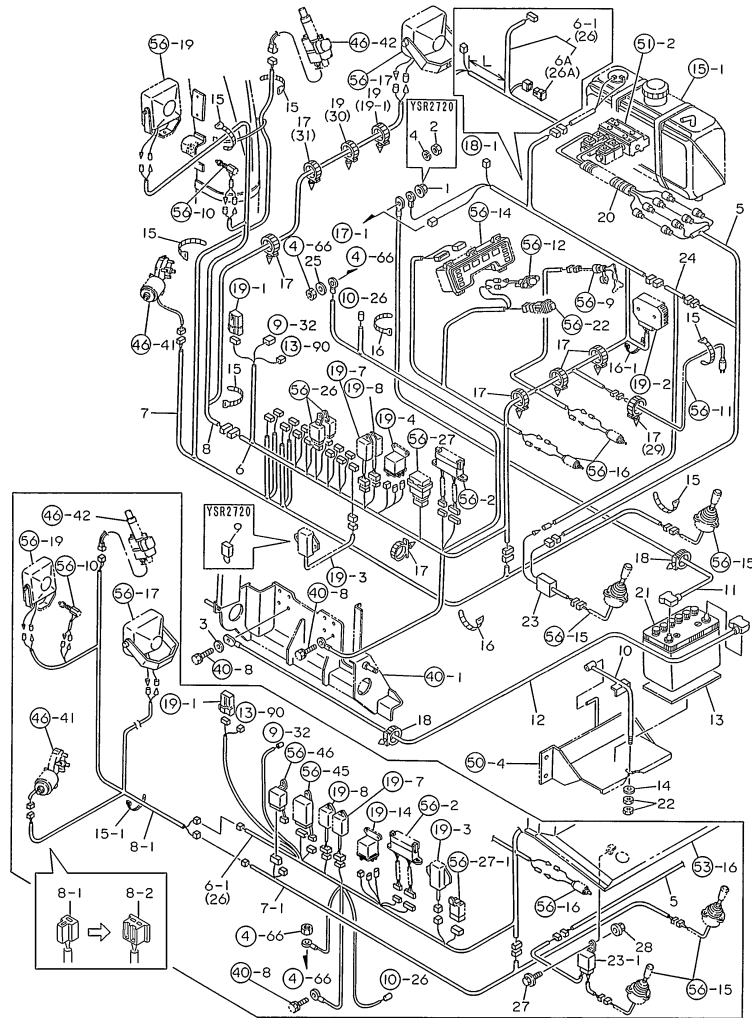
Remarks  
(1) L=200MM (INDEX NO.6-1),150MM (INDEX NO.6-2),100MM(INDEX NO. 26),200MM(INDEX NO.26-1)  
(2) THE INDEXES NO.11,12 AND 21 ARE A SET AND COMPATIBLE WITH A SET OF 11-1,12-1 AND 21-1.  
OVERALL LENGTH: 1,350MM(INDEX NO.11),1,100MM(INDEX NO.11-1), 1,150(INDEX NO.12),1000MM(INDEX NO.12-1)

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26367-080002	U-NUT M 8	1	1						
2	1	26717-080002	NUT 8			1					
2-1	1	26367-080002	U-NUT M 8			1					R
3	1	22137-100000	WASHER 10,POLISHED (C=F603463)	1	1						
4	1	22217-080000	SPRING WASHER 8 (C=F603463)			1					Z
5	1	1N3238-51000	HARNESS,HYDRAULIC	1	1	1					
6	1	1N3248-51000	HARNESS, MAIN	1	1	1					Z
6-1	1	1N3248-51001 (A=F603315) (B=F603398) (C=F603463)	HARNESS, MAIN			1					S
6-2	1	1N3248-51002 (C=F705656)	HARNESS, MAIN			1					S 1
6A	2	1N1600-80980 (C=F603463)	FUSE 50A,SLOW-BLOW			1					W
7	1	1N3248-52000	HARNESS,SHOOTER	1	1	1					
7-1	1	1N3248-52001 (A=F603315) (B=F603398) (C=F603463)	HARNESS,SHOOTER	1	1	1					S
8	1	1N3248-53000	HARNESS, LAMP	1	1	1					
8-1	1	1N3248-53001 (A=F603315) (B=F603398) (C=F603463)	HARNESS, LAMP	1	1	1					S
8-2	1	1N3248-57000 (A=F705442) (B=F705539) (C=F705656)	HARNESS,SHOOTER LAMP	1	1	1					S
9	1	1N3248-54000 (C=F603463)	CORD,JUMPER			1					Z
10	1	1N3228-61000	CLAMP COMP.,BATTERY	1	1	1					
11	1	1N3228-71000	CORD,BATTERY POSITV.	1	1	1					
11-1	1	1N3228-71001 (A=F705442) (B=F705539) (C=F705656)	CORD,BATTERY POSITV.	1	1	1					F 2
12	1	1N3228-72000	CORD,BATTERY NEGATV.	1	1	1					
12-1	1	1N3228-72001 (A=F705442) (B=F705539) (C=F705656)	CORD,BATTERY NEGATV.	1	1	1					F 2
13	1	1N3078-99010	RUBBER, CUSHION	1	1	1					
14	1	22157-060000	WASHER 6	1	1	1					
15	1	1N1600-77210	TIE RF140,REPEAT	11	11	11					
I 15-1	1	1N1600-77210 (A=F024021) (B=F024046) (C=F024096)	TIE RF140,REPEAT	12	12	12					K
16	1	1N1600-74330	TIE RF250,REPEAT	4	4	4					
I 16-1	1	1N1600-74330 (A=F003501) (B=F003521) (C=F003549)	TIE RF250,REPEAT	5	5	5					K
17	1	1N1600-79020	STRAP 1-1W02,CABLE	7	7	7					
17-1	1	1N1600-79020 (A=F603315) (B=F603398) (C=F603463)	STRAP 1-1W02,CABLE	8	8	8					K
17-2	1	1N1600-79020 (A=F801831) (B=F801901) (C=F801951)	STRAP 1-1W02,CABLE	7	7	7					K
I 17-3	1	1N1600-79020 (A=F003360) (B=F003404) (C=F003469)	STRAP 1-1W02,CABLE	6	6	6					K
18	1	1N1600-79050	CLIP C-1U68,CABLE	2	2	2					
19	1	1N1600-79030	CLIP C-1E50,CABLE	2	2	2					
I 19-1	1	1N1600-79030	CLIP C-1E50,CABLE	1	1	1					K

Fig.57. ELECTRICAL PARTS

(A)=YSR1820  
(B)=YSR2220  
(C)=YSR2720

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

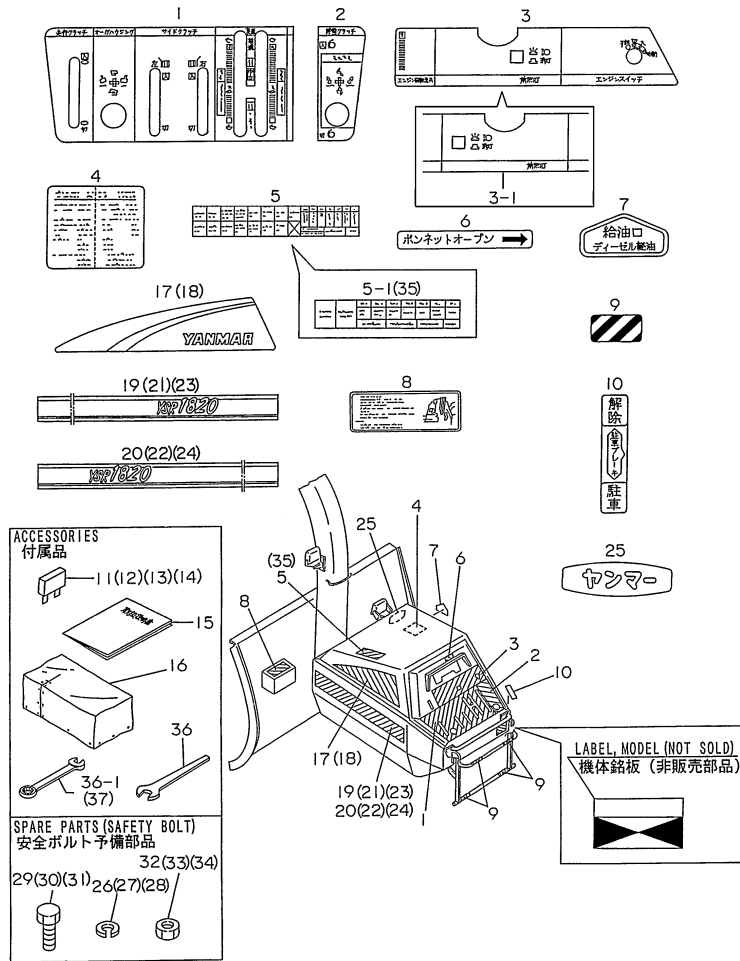


REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=F003360) (B=F003404) (C=F003469)									
20	1	1N1600-79200	PLUMMER 9X300								
21	1	1N1600-78680	55B24R,DRY	1	1	1					
21-1	1	1N1600-81580	BATTERY 55B24L	1	1	1					F 2
		(A=F801831) (B=F801901) (C=F801951)									
22	1	26717-060002	NUT M 6	2	2	2					
23	1	1N3248-55000	RELAY BOX	1	1	1					
23-1	1	1N3248-43000	BOX,SOLENOID	1	1	1					S
		(A=F603315) (B=F603398) (C=F603463)									
24	1	1N3248-56000	HARNES,POWER SOURCE	1	1	1					Z
		(A=F603315) (B=F603398) (C=F603463)									
25	1	22137-050000	WASHER 5, POLISHED	1	1						Z
		(A=F603315) (B=F603398)									
26	1	1N3208-51001	HARNES, MAIN	1	1						W
		(A=F603315) (B=F603398)									
26-1	1	1N3208-51002	HARNES, MAIN	1	1						S 1
		(A=F705442) (B=F705539)									
26A	2	1N1600-80980	FUSE 50A,SLOW-BLOW	1	1						W
		(A=F603315) (B=F603398)									
27	1	26106-060122	BOLT M 6X 12 PLATED	1	1	1					W
		(A=F603315) (B=F603398) (C=F603463)									
28	1	26367-060002	NUT M 6	1	1	1					W
		(A=F603315) (B=F603398) (C=F603463)									
29	1	1N1600-81590	CLIP 1-19P7,CABLE	1	1	1					W
		(A=F801831) (B=F801901) (C=F801951)									
I 30	1	1N1600-79040	CLIP C-1J77,CABLE	1	1	1					W
		(A=F003360) (B=F003404) (C=F003469)									
I 31	1	1N1600-81590	CLIP 1-19P7,CABLE	1	1	1					W
		(A=F003360) (B=F003404) (C=F003469)									
I 31-1	1	1N1600-81590	CLIP 1-19P7,CABLE	1	1	1					Z
		(A=F012661) (B=F012716) (C=F012771)									

Remarks

(1) L=200MM (INDEX NO.6-1),150MM (INDEX NO.6-2),100MM(INDEX NO. 26),200MM(INDEX NO.26-1)  
(2) THE INDEXES NO.11,12 AND 21 ARE A SET AND COMPATIBLE WITH A SET OF 11-1,12-1 AND 21-1.  
OVERALL LENGTH: 1,350MM(INDEX NO.11),1,100MM(INDEX NO.11-1), 1,150(INDEX NO.12),1000MM(INDEX NO.12-1)

Fig.58. LABELS & ACCESSORIES



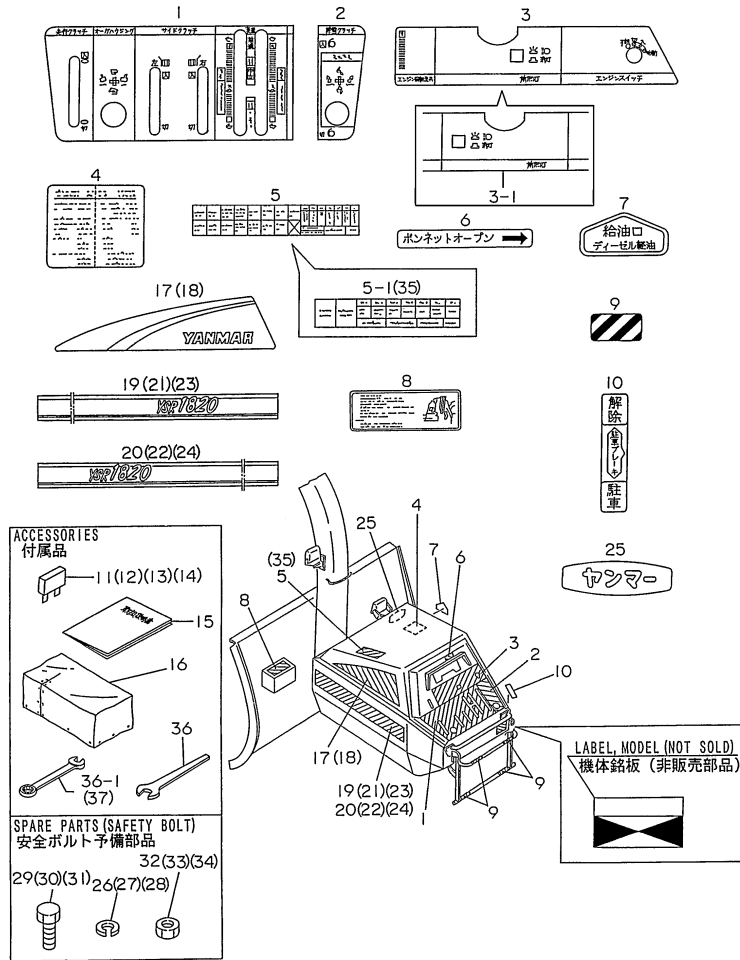
Remarks  
 (1) SPARE PARTS OF SAFETY BOLT  
 INDEXES NO.26,29 AND 32: FOR ITEM  
 NO.49, INDEX NO.13  
 INDEXES NO.27,30 AND 33: FOR ITEM  
 NO.48, INDEX NO.10  
 INDEXES NO.28,31 AND 34: FOR ITEM  
 NO.49, INDEX NO.14

(A)=YSR1820  
 (B)=YSR2220  
 (C)=YSR2720

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N3227-99010	MARK L,PANEL	1	1	1					
2	1	1N3227-99020	MARK R,PANEL	1	1	1					
3	1	1N3227-99030	MARK,INDICATOR PANEL	1	1	1					
I	3-1	1N3227-99031 (A=F902206) (B=F902272) (C=F902316)	MARK,INDICATOR PANEL	1	1	1					S
4	1	1N3227-99080	MARK,MAINTENANCE	1	1	1					
I	4-1	1N3227-99081 (A=F902206) (B=F902272) (C=F902316)	MARK,MAINTENANCE	1	1	1					S
I	4-2	1N3227-99082 (A=F012661) (B=F012716) (C=F012771)	MARK,MAINTENANCE	1	1	1					S
I	4-3	1N3227-99083 (A=F034296) (B=F034326) (C=F034376)	MARK,MAINTENANCE	1	1	1					S
5	1	1N3247-99090 (A=F603315) (B=F603398)	MARK,RELAY & FUSE	1	1	1					Z
5-1	1	1N3247-99091 (C=F603463)	MARK,RELAY & FUSE			1					S
6	1	1N3247-99100	MARK,BONNET OPEN	1	1	1					
7	1	1N3247-99110	MARK,OIL FILLER	1	1	1					
8	1	1N1867-99020	MARK,SAFE.BOLT REPLC	1	1	1					
9	1	1N1937-99070	MARK,BLK.& YEL.STRP.	4	4	4					
10	1	1N3167-99191	MARK,PARKING BRAKE	1	1	1					
11	1	1N1600-78550	FUSE 3A,BLADE	1	1	1					
12	1	1N1600-78560	FUSE 5A,BLADE	1	1	1					
13	1	1N1600-78570	FUSE 10A,BLADE	1	1	1					
14	1	1N1600-78580	FUSE 30A,BLADE	1	1	1					
15	1	1N3229-19010	MANUAL,SNW.REMVR.OP.	1	1	1					
I	15-1	1N3229-19011 (A=F902206) (B=F902272) (C=F902316)	MANUAL,SNW.REMVR.OP.	1	1	1					S
I	15-2	1N3229-19012 (A=F034296) (B=F034326) (C=F034376)	MANUAL,SNW.REMVR.OP.	1	1	1					S
16	1	1N3249-81000	COVER,OPRS SEAT	1	1	1					
17	1	1N3247-99040	MARK L,BONNET	1	1	1					
18	1	1N3247-99050	MARK R,BONNET	1	1	1					
19	1	1N3207-99060	MARK L YSR3300,SD.	1							
20	1	1N3207-99070	MARK R,SIDE	1							
21	1	1N3217-99060	MARK L,SIDE		1						
22	1	1N3217-99070	MARK R,SIDE		1						
23	1	1N3227-99060	MARK L YSR3300,SD.			1					
24	1	1N3227-99070	MARK R,SIDE			1					
25	1	1N3247-99120	MARK 163X50,YANMAR	1	1	1					
26	1	22217-060000	SPRING WASHER 6	10	10	10					1
27	1	22217-080000	SPRING WASHER 8	5	5	5					1
28	1	22217-100000	SPRING WASHER 10	10	10	10					1
29	1	26117-060254	BOLT M 6X 25 PLATED	10	10	10					1
30	1	26207-080254	BOLT 8X25	5	5	5					1
31	1	26207-100304	BOLT M10X30	10	10	10					1
32	1	26717-060002	NUT M 6	10	10	10					1
33	1	26707-080002	NUT M 8	5	5	5					1
34	1	26707-100002	NUT M10	10	10	10					1
35	1	1N3207-99091 (A=F603315) (B=F603398)	MARK,RELAY/GLOW/FUSE	1	1						W

Fig.58. LABELS & ACCESSORIES

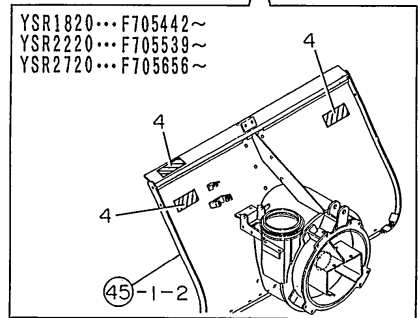
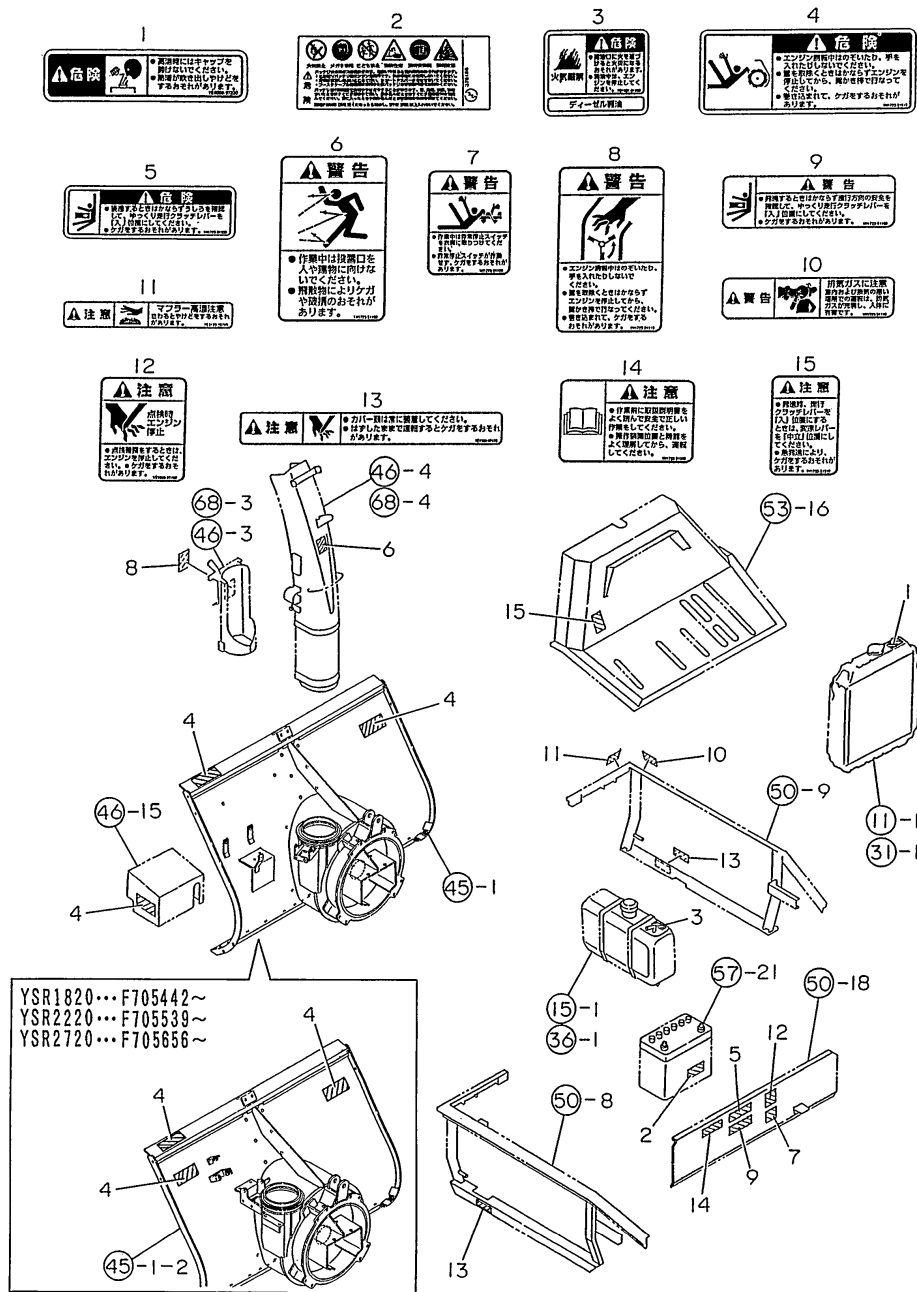


Remarks  
 (1) SPARE PARTS OF SAFETY BOLT  
 INDEXES NO.26,29 AND 32: FOR ITEM  
 NO.49, INDEX NO.13  
 INDEXES NO.27,30 AND 33: FOR ITEM  
 NO.48, INDEX NO.10  
 INDEXES NO.28,31 AND 34: FOR ITEM  
 NO.49, INDEX NO.14

(A)=YSR1820 (D)=  
 (B)=YSR2220 (E)=  
 (C)=YSR2720 (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
36	1	1N1600-80600	WRENCH 13	1	1	1					W
		(A=F603315) (B=F603398) (C=F603463)									
I 36-1	1	1N3229-19040		1	1	1					P
		(A=F012661) (B=F012716) (C=F012771)									
I 37	1	1N3229-19050	WRENCH 17,COMBINATI.	1	1	1					W
		(A=F012661) (B=F012716) (C=F012771)									

Fig.59. LABELS(PRODUCT LIABILITY)



(A)=YSR1820

(B)=YSR2220

(C)=YSR2720

(D)=

(E)=

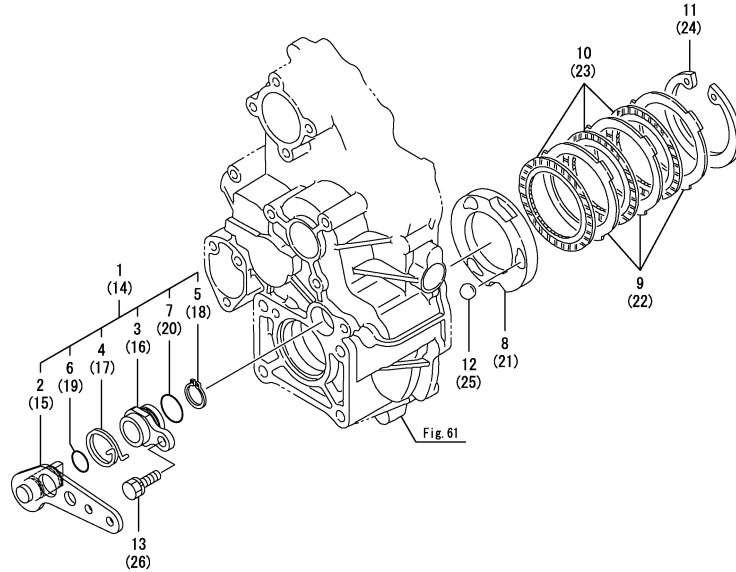
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1E8500-97220	DANGER,RADIATOR	1	1	1					
2	1	1N1600-78390	LABEL,BATTERY DANGER	1	1	1					
3	1	1D1831-91200	DANGER,NO FIRE	1	1	1					
4	1	1N1723-91010	DANGER,SNW.REMV.UNIT	3	3	3					
5	1	1N1723-91030	DANGER,BACKING	1	1	1					
6	1	1N1723-91100	WARNING,SCATTERINGS	1	1	1					
7	1	1N1723-91120	WARNING,EMER.STOP SW	1	1	1					
8	1	1N1723-91110	WARNING,SHOOTER	1	1	1					
9	1	1N1723-91160	WARNING,TRAVEL.DIR.	1	1	1					
10	1	1N1723-91140	WARNING,EXH.GAS SIDE	1	1	1					
11	1	1E5120-86720	CAUTION,MUFFLER	1	1	1					
12	1	1E8500-97460	CAUTION,ENGINE STOP	1	1	1					
13	1	1E8500-97470	CAUTION,BELT COVER C	2	2	2					
14	1	1N1723-91300	CAUTION.OP.MANUAL	1	1	1					
15	1	1N1723-91310	CAUTION.QCK.STRT.HST	1	1	1					

Fig.60. STEERING BRAKE

(A)=SB-3H  
(B)=SB-3HL  
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1980-52280	BRAK LEVER L KIT	1	1						
2	2	1N1980-52361	LEVER (R), CAM	1	1						
3	2	1N1980-52411	BUSH, CAM LEVER	1	1						
4	2	1N1980-52520	SPRING R,RETURN	1	1						
5	2	22242-000200	CIRCLIP 20	1	1						
6	2	24311-000160	O-RING 1A P-16.0	1	1						
7	2	24341-000240	O-RING 1A S-24.0	1	1						
8	1	1N1980-52320	ACTUATOR (R)	1	1						
9	1	1N1980-52420	PLATE 90,STEEL	3	3						
10	1	1E6740-55200	PLATE 90,FRICTION	3	3						
11	1	22252-000920	CIRCLIP 92	1	1						
12	1	24190-160001	BALL 1/2	3	3						
13	1	26016-080202	BOLT M 8X 20	1	1						
14	1	1N1980-52250	BRAK LEVER R KIT	1	1						
15	2	1N1980-52351	LEVER (L), CAM	1	1						
16	2	1N1980-52411	BUSH, CAM LEVER	1	1						
17	2	1N1980-52510	SPRING L,RETURN	1	1						
18	2	22242-000200	CIRCLIP 20	1	1						
19	2	24311-000160	O-RING 1A P-16.0	1	1						
20	2	24341-000240	O-RING 1A S-24.0	1	1						
21	1	1N1980-52310	ACTUATOR L	1	1						
22	1	1N1980-52420	PLATE 90,STEEL	3	3						
23	1	1E6740-55200	PLATE 90,FRICTION	3	3						
24	1	22252-000920	CIRCLIP 92	1	1						
25	1	24190-160001	BALL 1/2	3	3						
26	1	26016-080202	BOLT M 8X 20	1	1						

Remarks

NOTE:THE "EXEC. MC.NO." OF THE TRANSM  
. IS THE STAMPED NO. INDICATED  
IN THE ITEM NO. 61.

\* 7N1980-50010 TRANSM.ASSY

(A)SB-3H TRANSM. APPLD. MODELS:

YSR1710H(E),2110H(E),2610H(E),

YSR3010H(E),3010AH(E),3310AH(E)

(B)SB-3HL TRANSM. APPLD.MODELS. MC.

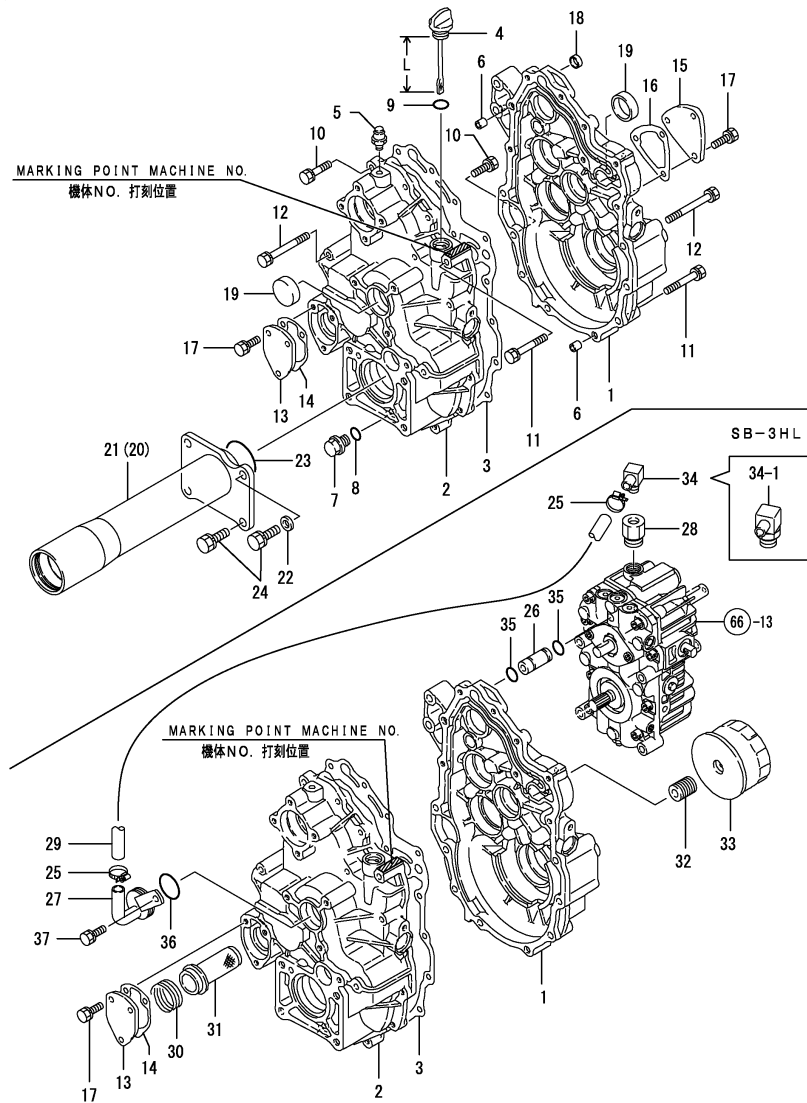
NO.: YSR3010HE:FROM F402421,YSR301

0AHE:FROM F402451,YSR3310AHE:F4024

71,YSR1820,2220,2720:FROM 1ST MC.



Fig.61. TRANSMISSION CASE & AXLE CASE



Remarks  
 NOTE: THE "EXECUTION MACHINE NO."  
 OF THE TRANSMISSION IS THE  
 STAMPED NO. INDICATED IN THE  
 ITEM NO.61.  
 (1)L=89MM(INDEX NO.4),78MM(4-1)  
 (2)THE INDEXES NO.34 AND 28 ARE A SET  
 AND COMPATIBLE WITH 34-1.

(A)=SB-3H  
 (B)=SB-3HL  
 (C)=

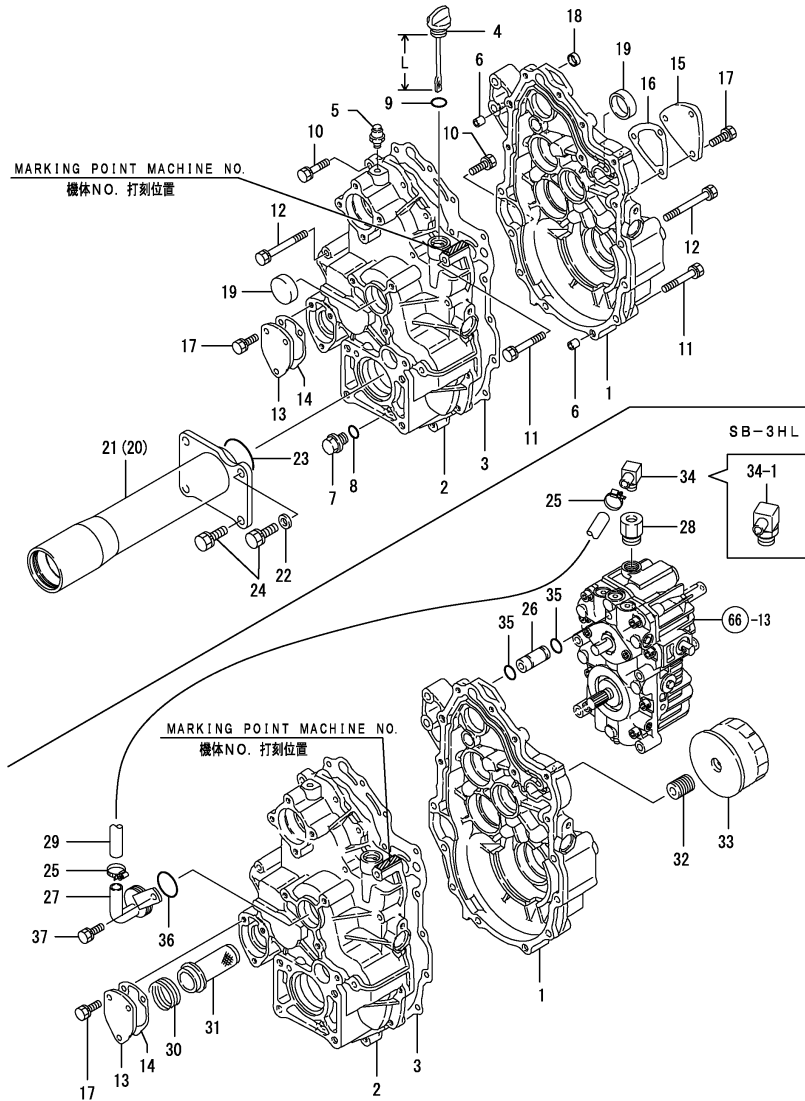
(D)=  
 (E)=  
 (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1980-53020	CASE L,TRANSMISSION	1	1						
I	1-1	1 1N1980-53021	CASE L,TRANSMISSION	1	1						R
		(A=FXXXXX) (B=FXXXXX)									
I	1-2	1 1N1980-53022	CASE L,TRANSMISSION	1	1						N
		(A=FXXXXX) (B=FXXXXX)									
	2	1 1N1980-53060	CASE R,TRANSMISSION	1	1						
	3	1 1N1980-53080	PACKING,TRANSM.CASE	1	1						
I	3-1	1 1N1980-53081	PACKING,TRANSM.CASE	1	1						N
		(A=FXXXXX) (B=FXXXXX)									
	4	1 1N1980-53330	PLUG 20, OIL		1						
	4-1	1 1N1980-53331	PLUG 20, OIL		1						S 1
		(A=F40001)									
	5	1 1E6681-56620	BREATHER		1						
I	5-1	1 1E6681-56621	BREATHER		1						N
		(A=FXXXXX) (B=FXXXXX)									
	6	1 1C6360-62070	COLLAR 8.2X10X8		2						
	7	1 23491-140002	PLUG 14		1						
	8	1 24311-000160	O-RING 1A P-16.0		1						
	9	1 24311-000180	O-RING 1A P-18.0		1						
	10	1 26016-080302	BOLT M 8X 30		6						
	11	1 26016-080502	BOLT M 8X 50		6						
	12	1 26016-080752	BOLT(SUPER LOCK 8X75		3						
	13	1 1N1980-53610	COVER, STRAINER		1						
	14	1 1E6710-53630	PACKING,STRAINER		1						
I	14-1	1 1E6710-53631	PACKING,STRAINER		1						N
		(A=FXXXXX) (B=FXXXXX)									
	15	1 1N1980-53660	COVER,FILTER		1						
	16	1 1N1980-53670	PACKING,FILTER		1						
I	16-1	1 1N1980-53671	PACKING,FILTER		1						N
		(A=FXXXXX)									
	17	1 26016-080202	BOLT M 8X 20		6						
	18	1 27260-150000	PLUG 15,BORE		1						
	19	1 27260-350000	PLUG 35,BORE		2						
	20	1 1N1980-53400	CASE L COMPL.,AXLE		1						
	21	1 1N1980-53410	CASE R COMPL.,AXLE		1						
	22	1 22117-100000	WASHER 10		2						
	23	1 24321-000500	O-RING 1A G-50.0		2						
	24	1 26016-100252	BOLT M10X 25		8						
	25	1 194856-24970	HOSE CLAMP 25		2						
	26	1 1N1980-53340	PIPE,SUC.		1						
	27	1 1N1980-53350	PIPE, WATER DRAIN		1						
	28	1 1N1980-53360	CONNECTOR,INTERNAL		1						Z
		(B=F80036)									
	29	1 1N1980-53370	HOSE, DRAIN		1						
	30	1 1E6440-55200	SPRING,STRAINER		1						
	31	1 1E6440-55210	STRAINER		1						
	32	1 1E8131-56020	NIPPLE		1						
	33	1 1E8131-56030	OIL FILTER		1						
	34	1 1E8131-56110	ELBOW PT3/8		1						
	34-1	1 1N1980-53270	CONNECTOR 7/8 COMPL.		1						F 2
		(B=F80036)									

Fig.61. TRANSMISSION CASE & AXLE CASE

(A)=SB-3H  
(B)=SB-3HL  
(C)=

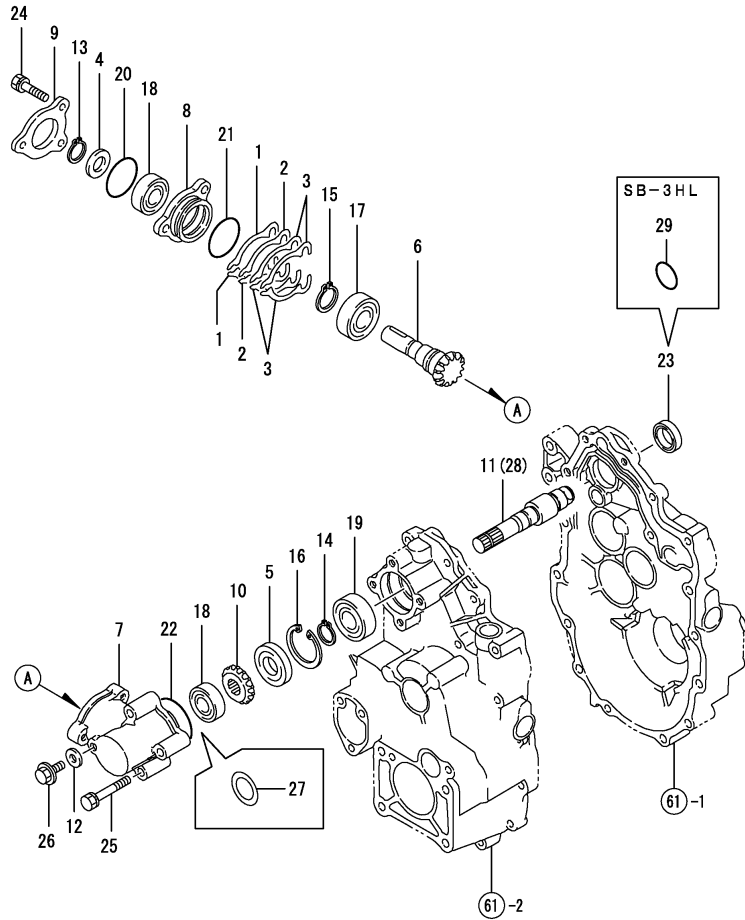
(D)=  
(E)=  
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
35	1	24341-000120	O-RING 1A S-12.0		2						
36	1	24341-000300	O-RING 1A S-30.0		1						
37	1	26016-080162	BOLT M 8X 16		1						

Remarks  
NOTE: THE "EXECUTION MACHINE NO."  
OF THE TRANSMISSION IS THE  
STAMPED NO. INDICATED IN THE  
ITEM NO.61.  
(1)L=89MM(INDEX NO.4),78MM(4-1)  
(2)THE INDEXES NO.34 AND 28 ARE A SET  
AND COMPATIBLE WITH 34-1.

Fig.62. INPUT SHAFT



OCNP3-G33200 62. INPUT SHAFT

(A)=SB-3H  
(B)=SB-3HL  
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194800-24320	SHIM T=0.5	2	2						
2	1	194800-24330	SHIM T=0.3	2	2						
3	1	194800-24340	SHIM T=0.1	4	4						
4	1	194300-25470	WASHER 17X31X2	1	1						
I 5	1	24421-204707	SEAL TC204707,OIL	1	1						
6	1	1N1980-54020	SHAFT, INPUT	1	1						
7	1	1N1980-54050	BOX,BEVEL GEAR	1	1						
7-1	1	1N1980-54051	BOX,BEVEL GEAR	1	1						N
		(A=FXXXXX) (B=FXXXXX)									
8	1	1N1980-54060	CASE, BEARING	1	1						
9	1	1N1980-54070	COVER,BEARING	1	1						
9-1	1	1N1980-54071	COVER,BEARING	1	1						N
		(A=FXXXXX) (B=FXXXXX)									
10	1	1N1980-54100	GEAR 19,BEVEL	1	1						
11	1	1N1980-54110	SHAFT ASSY, DRIVING	1							
12	1	22190-080000	SEAL WASHER 8(BOLT)	1	1						
13	1	22242-000170	CIRCLIP 17	1	1						
14	1	22242-000200	CIRCLIP 20	1	1						
15	1	22242-000250	CIRCLIP 25S	1	1						
16	1	22252-000470	CIRCLIP 47(H)	1	1						
17	1	24104-060054	BALL BEARING	1	1						
18	1	24104-062034	BALL BEARING	2	2						
19	1	24104-062044	BALL BEARING	1	1						
20	1	24341-000400	O-RING 1A S-40.0	1	1						
21	1	24341-000420	O-RING 1A S-42.0	1	1						
22	1	24341-000530	O-RING 1A S-53.0	1	1						
23	1	24421-223508	SEAL TC22 35 08, OIL	1							
24	1	26016-080302	BOLT M 8X 30	3	3						
25	1	26016-080502	BOLT M 8X 50	3	3						
26	1	26106-080122	BOLT M 8X 12 PLATED	1	1						
27	1	194802-25230	SHIM T=0.1	1	1						W
		(A=F80003)									
28	1	1N1980-54160	DRIVE SHAFT ASSY		1						
29	1	24341-000300	O-RING 1A S-30.0		1						

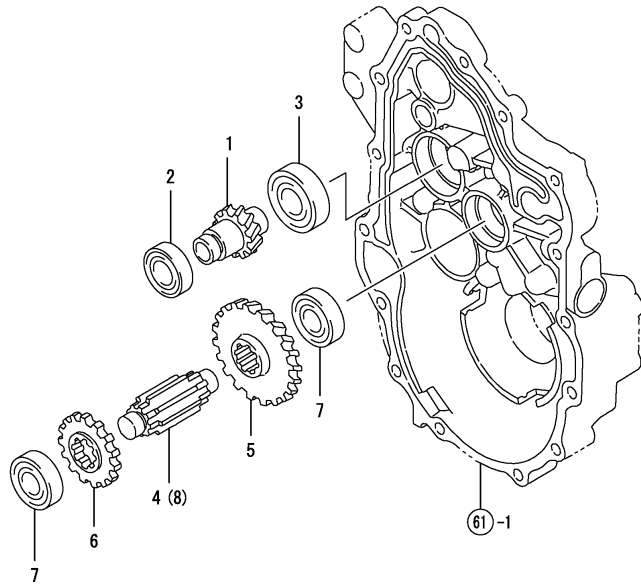
Remarks  
NOTE:THE "EXECUTION MACHINE NO."  
OF THE TRANSMISSION IS THE  
STAMPED NO. INDICATED IN THE  
ITEM NO.61.

Fig.63. MAIN SHAFT & COUNTERSHAFT

(A)=SB-3H  
(B)=SB-3HL  
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1980-54150	GEAR 12,DRIVE	1	1						
2	1	1C6320-63460	BEARING 6904	1	1						
3	1	24101-062044	BALL BEARING #6204	1	1						
4	1	1N1980-54210	PINION,DIFF. DRIVE	1							
5	1	1N1980-54220	GEAR, DRIVEN	1	1						
6	1	1N1980-54240	PINION 19,HIGH	1	1						
7	1	24101-062034	BALL BEARING	2	2						
8	1	1N1980-54230	SHAFT, COUNTER		1						



Remarks  
NOTE:THE "EXECUTION MACHINE NO."  
OF THE TRANSMISSION IS THE  
STAMPED NO. INDICATED IN THE  
ITEM NO.61.

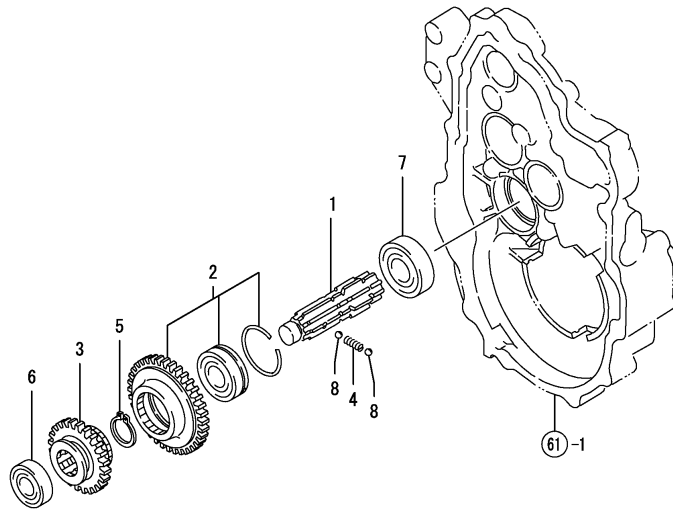
Fig.64. TRANSMISSION SHAFT

0CNP3-G33200 64. TRANSMISSION SHAFT

(A)=SB-3H  
(B)=SB-3HL  
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1980-54610	SHAFT,FINAL PINION	1	1						
2	1	1N1980-54630	GEAR 36 COMP.,LOW	1	1						
3	1	1N1980-54670	GEAR 26,SLIDE	1	1						
4	1	1N1980-54690	SPRING 17.7	1	1						
5	1	22242-000240	CIRCLIP 24	1	1						
6	1	24101-062034	BALL BEARING	1	1						
7	1	24101-062054	BEARING #6205	1	1						
8	1	24190-080001	BALL 1/4, STEEL	2	2						



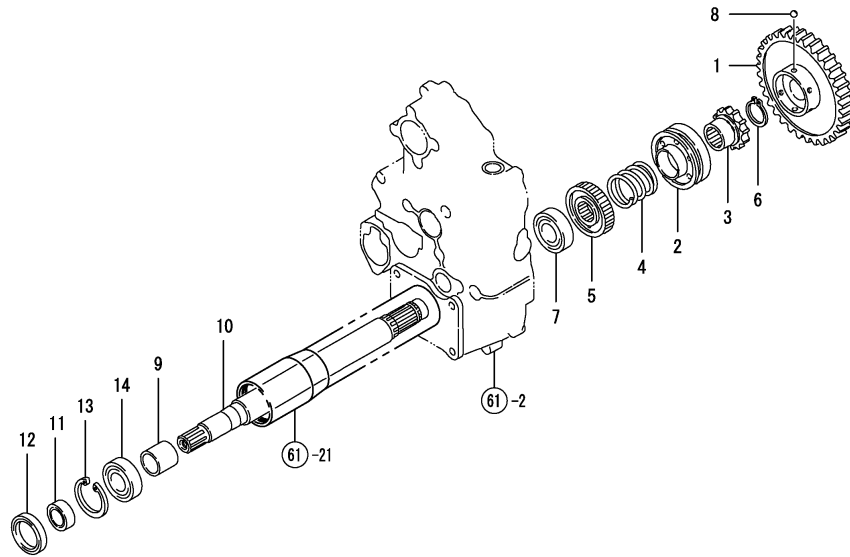
Remarks  
NOTE:THE "EXECUTION MACHINE NO."  
OF THE TRANSMISSION IS THE  
STAMPED NO. INDICATED IN THE  
ITEM NO.61.

Fig.65. SIDE CLUTCH & SPROCKET SHAFTS

OCNP3-G33200 65. SIDE CLUTCH & SPROCKET SHAFTS

(A)=SB-3H  
(B)=SB-3HL  
(C)=

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



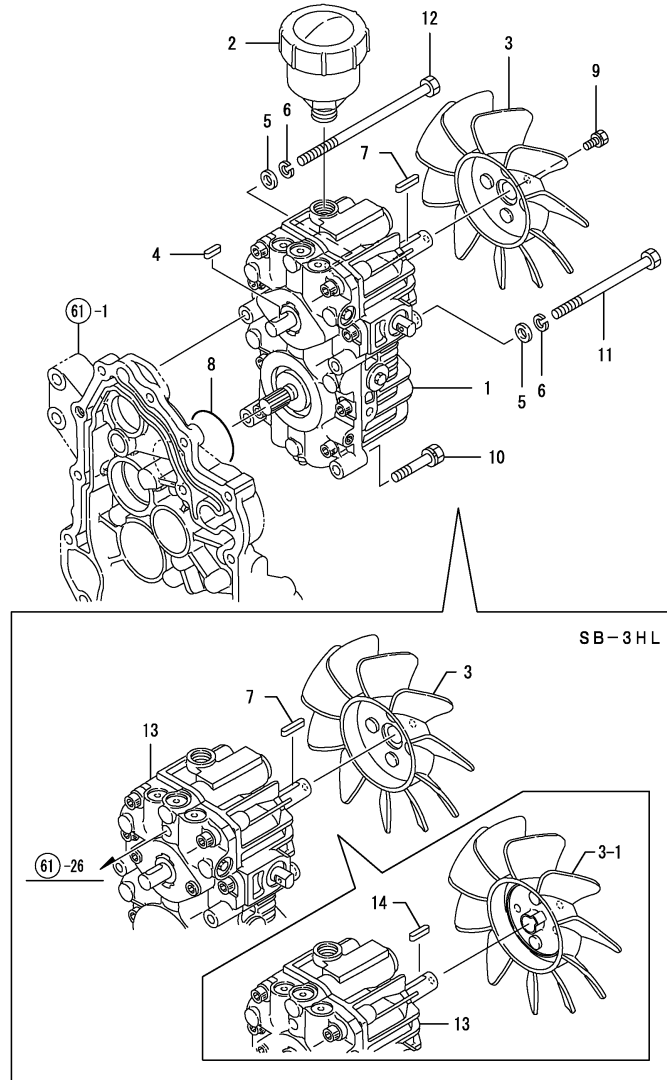
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1980-55010	GEAR 59,SIDE CLUTCH	1	1						
2	1	1N1980-55020	SHIFTER,SIDE CLUTCH	2	2						
3	1	1N1980-55030	BOSS,SIDE CLUTCH	2	2						
4	1	1N1980-55040	SPRING,SIDE CLUTCH	2	2						
I 4-1	1	1N1980-55041	SPRING,SIDE CLUTCH	2	2						N
		(A=FXXXXX) (B=FXXXXX)									
5	1	1N1980-55060	BOSS, SPLINE	2	2						
6	1	22242-000290	CIRCLIP 29	2	2						
7	1	24101-060064	BALL BEARING	2	2						
8	1	24190-100001	BALL 5/16, STEEL	12	12						
9	1	1E6440-54620	COLLAR,AXLE	2	2						
10	1	1N1980-55510	SHAFT,AXLE	2	2						
11	1	1N1980-55530	SLEEVE 253515,SI	2	2						
12	1	1N1980-55540	SEAL TC35528,OIL	2	2						
13	1	22252-000520	CIRCLIP 52	2	2						
14	1	24101-062054	BEARING #6205	2	2						

Remarks  
NOTE:THE "EXECUTION MACHINE NO."  
OF THE TRANSMISSION IS THE  
STAMPED NO. INDICATED IN THE  
ITEM NO.61.

Fig.66. MAIN CHANGE

(A)=SB-3H  
(B)=SB-3HL  
(C)=

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



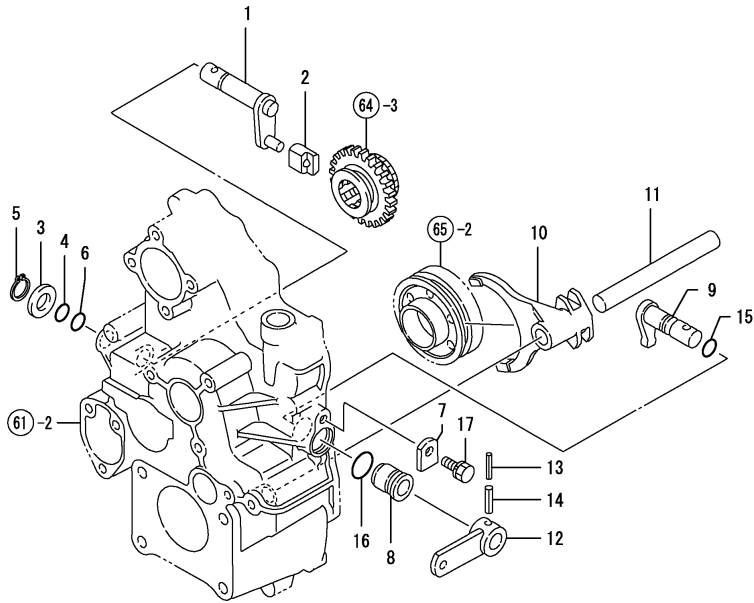
REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1980-56010	TRANSMISSION, HYDROST	1							
2	1	1N1980-56020	TANK, OIL	1							
3	1	1N1980-56050	FAN COMP., COOLING	1	1						
I	3-1	1N1980-56051	FAN ASSY, COOLING (B=SEE ILLST)		1						F 1
4	1	1N1980-56090	KEY 5X5X17, FEATHER	1	1						
5	1	22137-080000	WASHER 8, POLISHED	2	2						
6	1	22287-080000	LOCKING WASHER	2	2						
7	1	22550-050250	KEY 5X25	1	1						
I	7-1	22551-050250	KEY 5X25 (A=FXXXXX) (B=FXXXXX)	1	1						R
I	7-2	22512-050300	KEY 5X 30 (A=FXXXXX) (B=FXXXXX)	1	1						N
I	7-3	22512-050300	KEY 5X 30 (A=FXXXXX) (B=FXXXXX)	1	1						Z
8	1	24321-000500	O-RING 1A G-50.0	1	1						
9	1	26016-060122	BOLT M 6X 12	1	1						
10	1	26016-080402	BOLT M 8X 40	2	2						
11	1	26116-081102	BOLT M 8X110 PLATED	1	1						
12	1	26116-081502	BOLT M 8X150 PLATED	1	1						
13	1	1N1980-56030	H.S.T.(BD)-10L		1						
I	14	187C00-56110	KEY 5X5X20 (B=FXXXXX)		1						W

Remarks  
NOTE: THE "EXECUTION MACHINE NO."  
OF THE TRANSMISSION IS THE  
STAMPED NO. INDICATED IN THE  
ITEM NO. 61.  
(1) REF. NO. 3 IS INTERCHABLE WITH  
A SET OF REF. NOS. 3-1 & 14.

Fig.67. CUB-CHANGE & SIDE CLUTCH

(A)=SB-3H  
(B)=SB-3HL  
(C)=

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



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1980-56150	ARM COMP.,SUB-CHANGE	1	1						
2	1	1N1980-56180	BLOCK, SHIFT	1	1						
3	1	1N1980-56200	WASHER 15X28X2,THRST	1	1						
4	1	1N1980-56210	SPACER,O-RING	1	1						
5	1	22242-000150	CIRCLIP 15	1	1						
6	1	24311-000150	O-RING 1A P-15.0	1	1						
7	1	194197-27681	PLATE, KEEP	2	2						
8	1	1E6481-54090	BUSH,LEVER	2	2						
9	1	1N1980-56250	ARM COMP,SIDE CLUTCH	2	2						
10	1	1N1980-56300	FORK,SIDE CLUTCH	2	2						
11	1	1N1980-56320	SHAFT,SD.CLTCH.FORK	1	1						
12	1	1N1980-56350	LEVER CMP.,SD.CLUTCH	2	2						
13	1	22351-035025	SPRING PIN 3.5X25	2	2						
14	1	22351-060025	SPRING PIN 6X25	2	2						
15	1	24311-000110	O-RING 1A P-11.0	2	2						
16	1	24341-000200	O-RING 1A S-20.0	2	2						
17	1	26016-080162	BOLT M 8X 16	2	2						

Remarks  
NOTE:THE "EXECUTION MACHINE NO."  
OF THE TRANSMISSION IS THE  
STAMPED NO. INDICATED IN THE  
ITEM NO.61.



## Part Number Index

All parts are stipulated in the order of part numbers.

(Depending on the area in which the part is used.)

This index will display the location of the part according to each part number.

## PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
101304-59020	14	37
	34	56
101504-55051	15	6
	36	6
101504-55101	15	7
	36	7
101720-55750	16	21
	35	22
102100-67080	13	88
	33	93
102103-55520	16	5
		16
	35	5
		17
103854-39140	34	55
104200-55321	16	12
	35	13
104200-55330	16	2
		13
	35	2
		14
104200-55341	16	14
	35	15
104200-55750	16	9
		22
	35	9
		23
104200-59170	14	38
	34	57
104200-92350	19	10
	39	9
104200-92600	19	11
	39	10
104211-11180	23	15
104211-11370	4	28
	23	19
104264-59030	14	53
105010-11230	4	41
		45
105025-59550	14	46
105025-59750	34	59 -1
		62 -1
105198-13610	6	9
	25	7
105225-23200	8	45
105302-55040	15	5
	36	5
105340-59190	14	39 -1
105425-01690	22	14
105546-51330	12	25

PARTS No.	Fig.	Ref.No.
105582-59150	14	55
110250-55610	16	6
		17
	35	6
		18
114250-39450	9	32 -1
	29	34 -1
114250-53080	34	5
114250-53120	34	9
114250-53130	14	10
	34	10
114250-53140	34	11
114250-53210	34	12
114250-53400	14	12
	34	13
114350-22301	8	38
114399-22300	8	38 -1
118400-03060	4	60 -1
119000-59560	14	47 -1
119209-35030	9	30 -2
119232-61510	13	28
119232-61540	13	49
119255-53100	14	6
119255-55620	16	1
119256-44760	10	18
119256-66900	13	73
119260-07900	4	6
119260-59520	14	44
119260-59530	14	45
119266-51900	12	48
119266-59501	12	48 -1
		48 -2
119266-59540	14	42 -1
119266-59570	12	48 A
		48 A-1
	14	57
119266-59580	12	48 B
		48 B-1
	14	58
119266-61460	13	82 -1
119280-49010	31	11 -1
119285-66080	13	52
119285-66600	13	72 -1
119285-66620	13	120
119305-35150	9	17
119305-35151	9	17 -1
119305-59120	34	20
119462-26020	7	31
	28	10
119462-59190	14	39

PARTS No.	Fig.	Ref.No.
119600-01050	1	9
119600-01722	3	6
119600-01770	3	8
119600-11450	4	30 A
		31
119600-11460	4	30 B
		32
119600-13100	6	1
119600-34800	22	11
119600-34820	9	13
119600-35091	9	29
119600-52021	2	27
119600-61100	13	4
119600-61200	13	5
119600-61541	13	43
119600-61900	13	50
119600-66020	13	61
119600-66530	13	64
119600-66720	13	95
119600-66840	13	72
119609-32040	9	15 A
	21	16 -1
119609-35000	9	15 -1
119609-35300	9	15 C
119609-42320	10	10 -1
119620-01200	1	27
119620-01342	1	28
119620-01343	1	28 -1
119620-01530	13	94 -1
119620-01620	3	1
119620-01800	2	4
119620-02020	1	10
	20	13
119620-02410	1	25
119620-02450	7	4
119620-03020	4	55
119620-03031	4	56
119620-11100	4	21
119620-11110	4	22
119620-11120	4	23 A
119620-11180	4	24
119620-11200	4	34
119620-11240	4	35
119620-11260	4	38
119620-11280	4	39
119620-11310	4	59
119620-11330	4	53
119620-11350	4	50
119620-11390	4	60
119620-11801	4	16

PARTS No.	Fig.	Ref.No.
119620-13110	6	2
119620-14100	7	7
119620-14200	7	1
119620-14401	7	2
119620-21500	8	16
119620-21941	8	14
119620-22080	8	23 -1
119620-22090	8	23
119620-22300	8	37
119620-22500	8	27 -1
119620-22900	8	48
119620-22910	8	48 -1
119620-22920	8	64
119620-22930	8	64 -1
119620-22950	8	52
119620-22970	8	66
119620-22980	8	66 -1
119620-23910	8	43
119620-25102	7	11
119620-25912	7	13
119620-42020	10	13
119620-42021	10	13 -1
119620-42320	10	10
119620-51101	12	4
119620-51170	12	7
119620-51180	12	8
119620-51190	12	9
119620-51250	12	10
119620-51300	12	22
119620-51340	12	26
119620-51350	12	27
119620-51370	12	28
119620-51450	12	29
119620-51461	12	30
119620-51510	12	32
119620-51640	12	33 A
119620-51650	12	34
119620-51660	12	36
119620-51670	12	35
119620-51680	12	37
119620-51700	12	38
119620-53000	14	2
119620-53080	14	5
119620-53120	14	9
119620-53140	14	11
119620-59700	14	49
119620-59811	14	25
119620-59821	14	29
119620-59831	14	33
119620-77820	4	67

## PARTS No. INDEX

PARTS No.	Fig.	Ref.No.
119621-21680	8	13
119621-66051	13	62
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	68	3
7N3073-33000	46	4
7N3073-81000	46	15
7N3153-00010	68	33
7N3153-31000	68	4
7N3223-13000	45	1 -1
7N3223-13001	45	1 -2
7N3223-13002	45	1 -3
7N3224-84000	50	8
7N3224-84001	50	8 -1
7N3224-85000	50	9
7N3224-95000	50	18
7N3228-21000	53	16
7N3228-21001	53	16 -1
7N3743-31000	68	4 -1
X0280210230	17	11
	37	11
X0283060061	17	2
	37	2
X0283270140	17	12
	37	12
X0289030010	17	3
	37	3
X2114535200	17	33 L
	37	34 L
X3A08863KA	18	14 -1
	38	15 -1
X9490561370	17	4
	37	4
X9491200240	17	5
	37	5
X9491703371	17	13
	37	13
X9491730461	17	26
	37	26
XM069000000	18	7
	38	8
XM081780000	18	8
	38	9

PARTS No.	Fig.	Ref.No.
XM178780000	18	9
	38	10
XM219230000	18	2
	38	3
XM329830000	18	13 A
	38	14 A
XM771860000	18	9 -1
	38	10 -1
XM860250000	18	4
	38	5
XM863720000	18	5
	38	6
XYSPTS400800	18	10
	38	11
XYSPTS402400	18	11
	38	12

PARTS No.	Fig.	Ref.No.
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PARTS No.	Fig.	Ref.No.
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