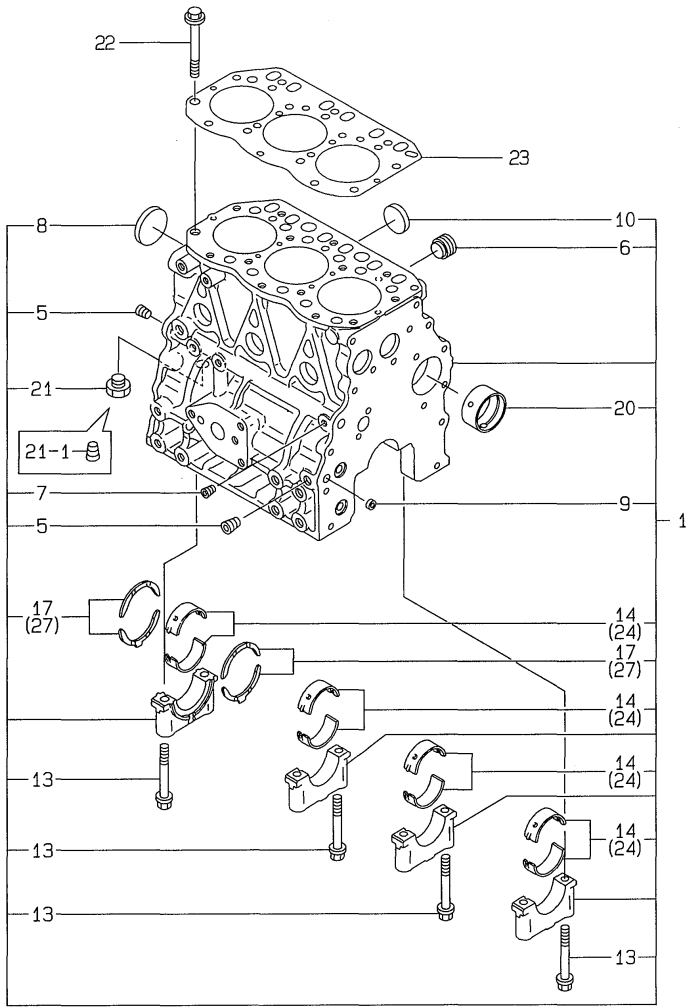


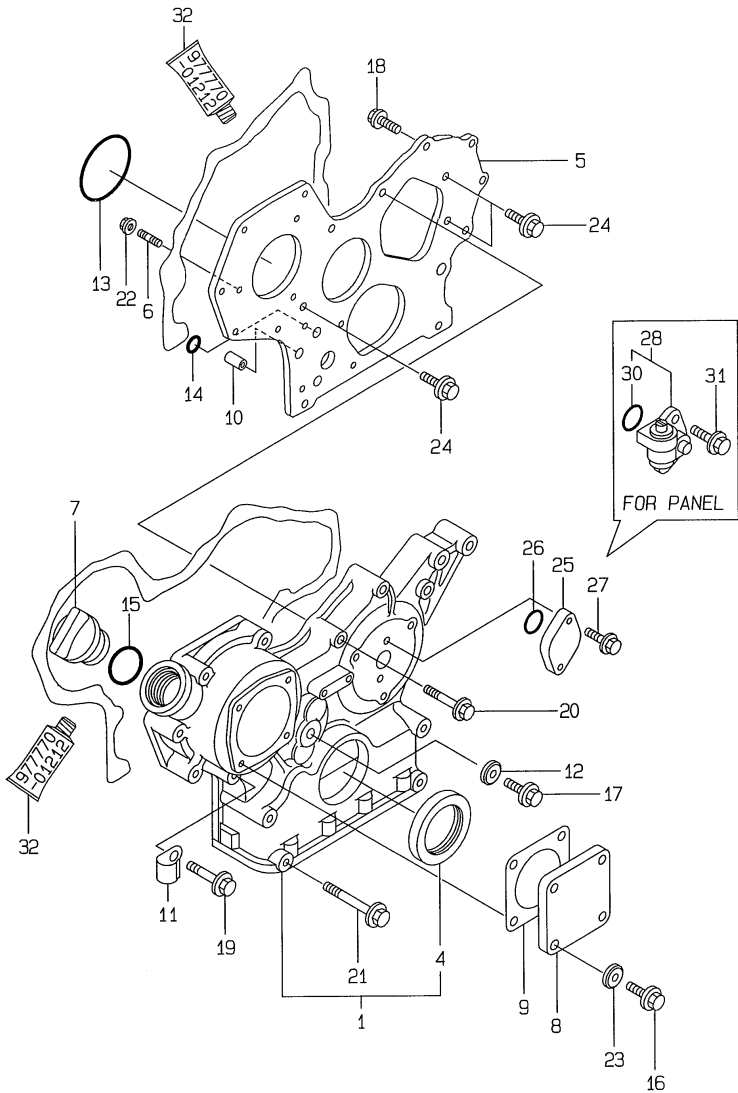
Fig.1. CYLINDER BLOCK



OCR10-G44901 1. CYLINDER BLOCK

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719822-01560	BLOCK ASSY, CYLINDER	1	1	1	1				
5	2	124160-01910	PLUG PT1/4	2	2	2	2				
6	2	171051-01921	PLUG	1	1	1	1				
7	2	23871-010000	PLUG PT1/8,SCREW	1	1	1	1				
I 7-1	2	23876-010000	PLUG PT1/8,SCREW	1	1	1	1			N	
		(A=E14548) (B=E14653) (C=E14549) (D=E01873)									
8	2	27231-500000	PLUG 50	1	1	1	1				
I 8-1	2	129001-01250	PLUG 50	1	1	1	1			N	
		(A=E14548) (B=E14653) (C=E14549) (D=E01873)									
9	2	27241-120000	PLUG 12	2	2	2	2				
10	2	27241-300000	PLUG 30	6	6	6	6				
13	2	119620-02020	BOLT	8	8	8	8				
14	2	119810-02800	MAIN BEARING	4	4	4	4				
17	2	119810-02930	BEARING, THRUST	2	2	2	2				
20	2	129795-02411	BUSH, CAMSHAFT	1	1	1	1				
21	2	23887-120002	PLUG 12,HEX.	1	1	1	1				
I 21-1	2	124160-01910	PLUG PT1/4	1	1	1	1			S	
		(A=E14548) (B=E14653) (C=E14549) (D=E01873)									
22	1	119810-01200	BOLT, CYL. HEAD	14	14	14	14				
23	1	119818-01330	GASKET, CYL. HEAD	1	1	1	1				
24	1	119810-02870	MAIN BEARING US=0.25	4	4	4	4				1
27	1	119810-02940	BEARING,THRUST .25OS	2	2	2	2				2

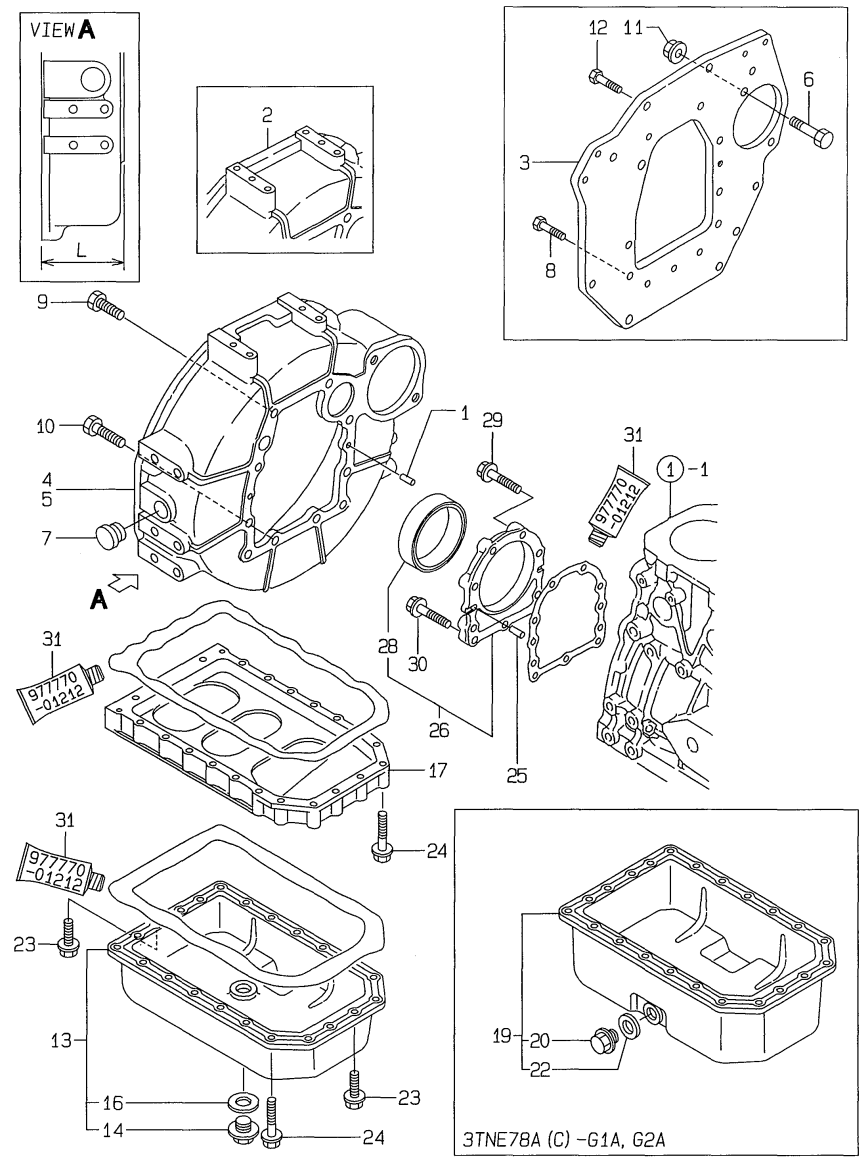
Fig.2. GEAR HOUSING



(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719810-01500	HOUSING ASSY, GEAR	1	1	1	1				
4	2	129795-01800	SEAL, OIL	1	1	1	1				
5	1	129400-01520	FLANGE,GEARS HOUSING	1	1	1	1				
6	1	121450-01560	STUD M 8X 22	3	3	3	3				
7	1	124160-01751	COVER,FILLER	1	1	1	1				
8	1	124240-01871	COVER, HO-P	1	1	1	1				
9	1	124240-01883	GASKET, (NON-ASB.)	1	1	1	1				
10	1	129795-01950	PIPE, KNOCK L=18	2	2	2	2				
11	1	129150-03100	RETAINER	1	1	1	1				
12	1	22190-080002	SEAL WASHER 8S	1	1	1	1				
13	1	121850-51960	O-RING, F.I.PUMP	1	1	1	1				
14	1	24311-000160	O-RING 1A P-16.0	2	2	2	2				
15	1	24311-000320	O-RING 1A P-32.0	1	1	1	1				
16	1	26106-080122	BOLT M 8X 12 PLATED	4	4	4	4				
17	1	26106-080162	BOLT M 8X 16 PLATED	1	1	1	1				
18	1	26106-080202	BOLT M 8X 20 PLATED	2	2	2	2				
19	1	26106-080452	BOLT M 8X 45 PLATED	6	6	6	6				
20	1	26106-080552	BOLT M 8X 55 PLATED	3	3	3	3				
21	1	26106-080852	BOLT M 8X 85 PLATED	4	4	4	4				
I 21-1	1	129001-91840	BOLT M 8X 85 PLATED	4	4	4	4				R
		(A=E14685)	(B=E14731)	(C=E14686)	(D=E01891)						
22	1	26366-080002	NUT M 8	3	3	3	3				
I 22-1	1	26306-080002	NUT	3	3	3	3				N
		(A=EXXX)	(B=EXXX)	(C=EXXX)	(D=EXXX)						
23	1	22190-080002	SEAL WASHER 8S	4	4	4	4				
24	1	26106-080162	BOLT M 8X 16 PLATED	3	3	3	3				
25	1	121023-01550	COVER, BLIND	1	1	1	1				
26	1	24341-000240	O-RING 1A S-24.0	1	1	1	1				
I 27	1	26106-060162	BOLT M 6X 16 PLATED	2	2	2	2				
28	1	129150-91400	GEAR UNIT,TACHOMETER	1	1	1	1				1
30	2	24341-000240	O-RING 1A S-24.0	1	1	1	1				1
31	1	26106-060162	BOLT M 6X 16 PLATED	2	2	2	2				1
I 32	1	977770-01212	GASKET, LIQUID	1	1	1	1				W 2
		(A=EXXX)	(B=EXXX)	(C=EXXX)							

Fig.3. FLYWHEEL HOUSING & OIL SUMP

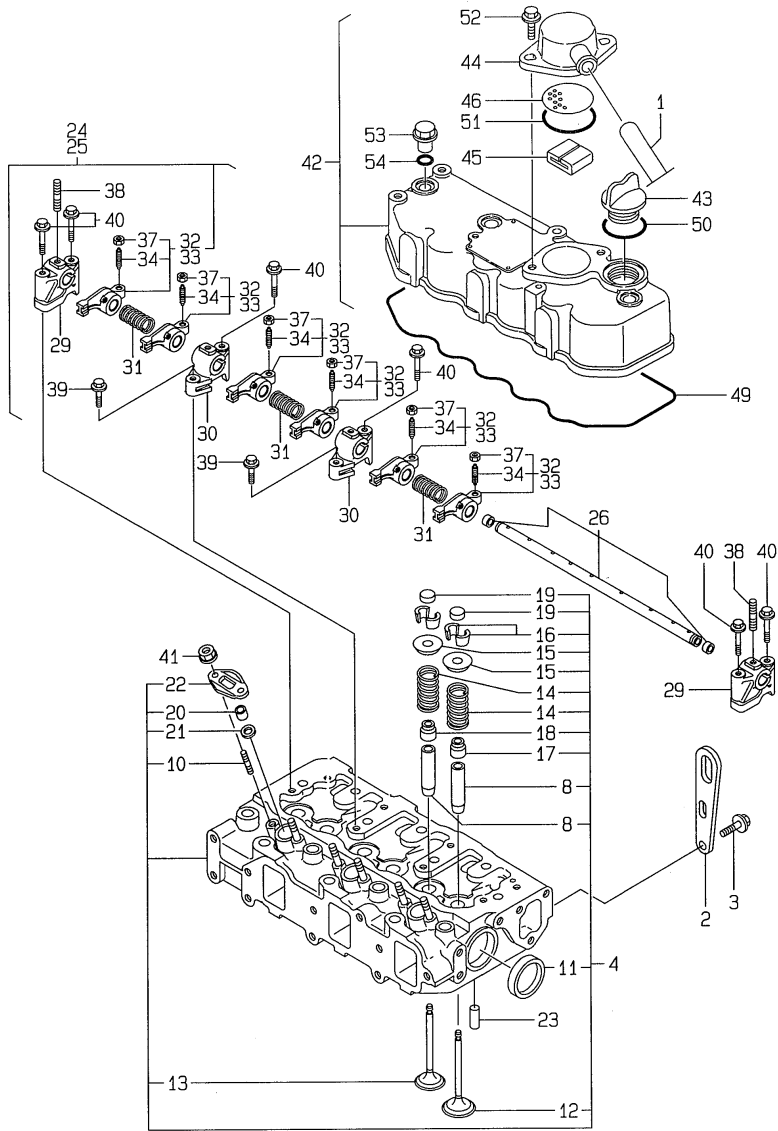


OCR10-G44901 3. FLYWHEEL HOUSING & OIL SUMP

(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PARALLEL PIN 8X16	2	2	2	2				
2	1	119888-01600	HOUSING, FLYWHEEL	1		1					
3	1	129129-01600	FLANGE, MOUNTING	1		1					
4	1	171301-01600	HOUSING, FLYWHEEL	1		1					1
I 4-1	1	129612-01600	HOUSING, FLYWHEEL	1		1				N	1
		(A=E10463)	(C=E12582)								
5	1	171420-01600	HOUSING, FLYWHEEL	1	1	1	1				2
6	1	121476-01620	BOLT	2		2					
7	1	119620-01750	CAP, FLYWHEEL COVER	1	1	1	1				
8	1	26206-100202	BOLT M10X20	6		6					
9	1	26206-100252	BOLT M10X25	6	6	6	6				
10	1	26206-100302	BOLT M10X30	4	4	4	4				
11	1	26367-120002	NUT 12	2		2					
12	1	26206-100252	BOLT M10X25	4		4					
13	1	119810-01790	SUMP ASSY, OIL	1							
14	2	119640-01640	DRAIN PLUG M22	1							
16	2	22190-220002	SEAL WASHER 22S	1							
17	1	119810-01730	SPACER, L.O. SUMP	1	1	1	1				
19	1	119810-01770	SUMP ASSY, OIL		1	1	1				
20	2	119640-01640	DRAIN PLUG M22		1	1	1				
22	2	22190-220002	SEAL WASHER 22S		1	1	1				
23	1	26106-080162	BOLT M 8X 16 PLATED	6	6	6	6				
24	1	26106-080452	BOLT M 8X 45 PLATED	22	22	22	22				
25	1	129100-01580	PARALLEL PIN 8X16	2	2	2	2				
26	1	719810-01650	CASE ASSY, OIL SEAL	1	1	1	1				
28	2	119810-01780	SEAL, OIL	1	1	1	1				
29	1	26106-080302	BOLT M 8X 30 PLATED	6	6	6	6				
I 29-1	1	129486-01670	BOLT M8X30, COLLAR HD	6	6	6	6				R
		(A=E10463)	(B=E10615)	(C=E12582)	(D=E00973)						
30	1	26106-080352	BOLT M 8X 35 PLATED	3	3	3	3				
I 31	1	977770-01212	GASKET, LIQUID	1	1	1	1				W 3
		(A=E10463)	(B=E10615)	(C=E12582)	(D=E00973)						

Fig.4. CYLINDER HEAD & BONNET (1)

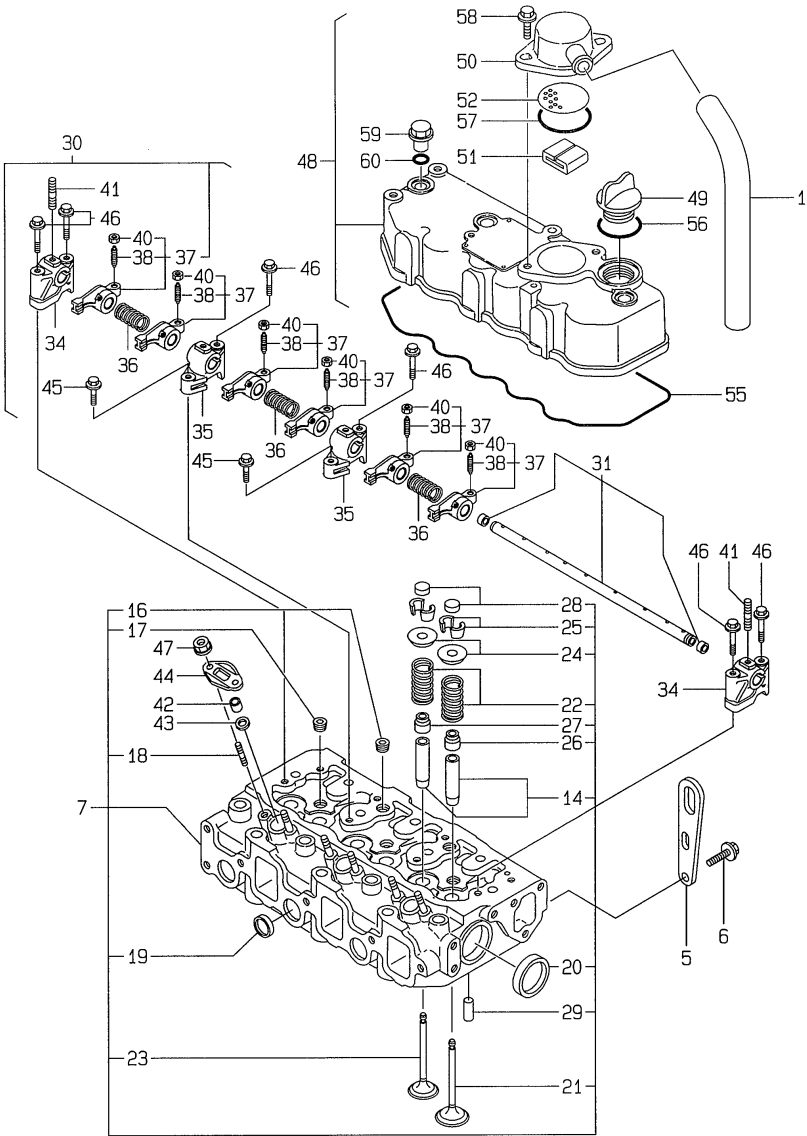


OCR10-G44901 4. CYLINDER HEAD & BONNET (1)

(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171350-03090	PIPE, BREATHER	1	1		1				
2	1	124736-07900	LIFTER, ENGINE	1	1		1				
3	1	26106-080142	BOLT M 8X 14 PLATED	2	2		2				
4	1	119812-11700	HEAD ASSY, CYLINDER	1	1		1				
8	2	124060-11800	GUIDE, VALVE	6	6		6				1
10	2	26216-060302	STUD M 6X 30 PLATED	6	6		6				
11	2	27241-400000	PLUG 40	2	2		2				
12	2	119810-11100	VALVE, SUCTION	3	3		3				
13	2	119810-11110	VALVE, EXHAUST	3	3		3				
14	2	119810-11120	SPRING, VALVE	6	6		6				
15	2	104211-11180	RETAINER, SPRING	6	6		6				
16	2	27310-070000	COTTER	6	6		6				
17	2	124160-11340	SEAL, VALVE STEM	3	3		3				
18	2	124950-11340	SEAL, VALVE STEM	3	3		3				
19	2	104211-11370	CAP, VALVE	6	6		6				
20	2	119625-11871	PROTECTOR, NOZZLE	3	3		3				
I 20-1	2	119625-11870	PROTECTOR, NOZZLE	3	3		3				N
(A=E10705)											
21	2	119625-11880	SEAT, NOZZLE	3	3		3				
22	2	119625-11900	RETAINER	3	3		3				
23	1	22351-060012	SPRING PIN 6X12	2	2		2				
24	1	119865-11200	SUPPORT ASSY, ROCKER	1							
I 24-1	1	119865-11210	SUPPORT ASSY, ROCKER	1							N
(A=E10705)											
25	1	119865-11210	SUPPORT ASSY, ROCKER		1		1				
26	2	119810-11240	SHAFT, ROCKER ARM	1	1		1				
29	2	129155-11260	SUPPORT, ROCKER ARM	2	2		2				
30	2	129155-11270	SUPPORT, ROCKER ARM	2	2		2				
31	2	129150-11280	SPRING	3	3		3				
32	2	719810-11650	ARM ASSY, ROCKER	6							
I 32-1	2	719810-11660	ARM ASSY, ROCKER	6							N
(A=E10705)											
33	2	719810-11660	ARM ASSY, ROCKER		6		6				
34	3	129150-11230	SCREW, VALVE	6	6		6				
37	3	129150-11750	NUT M8XP1.0	6	6		6				
38	2	26226-080182	STUD M 8X 18 PLATED	3	3		3				
39	1	26106-080252	BOLT M 8X 25 PLATED	2	2		2				
40	1	26106-080502	BOLT M 8X 50 PLATED	6	6		6				
41	1	26366-060002	NUT M 6	6	6		6				
42	1	719810-11520	BONNET ASSY, HEAD	1	1		1				
43	2	124160-01751	COVER,FILLER	1	1		1				
44	2	129150-03020	COVER, BREATHER	1	1		1				
45	2	129150-03070	BAFFLE, BREATHER	1	1		1				
46	2	129150-03080	PLATE, SHELTER	1	1		1				
49	2	119865-11310	GASKET, BONNET	1	1		1				
50	2	24311-000320	O-RING 1A P-32.0	1	1		1				
51	2	24341-000500	O-RING 1A S-50.0	1	1		1				
52	2	26106-080162	BOLT M 8X 16 PLATED	2	2		2				
53	1	124160-11360	KNOB	3	3		3				
54	1	24311-000120	O-RING 1A P 12.0	3	3		3				

Fig.5. CYLINDER HEAD & BONNET (2)

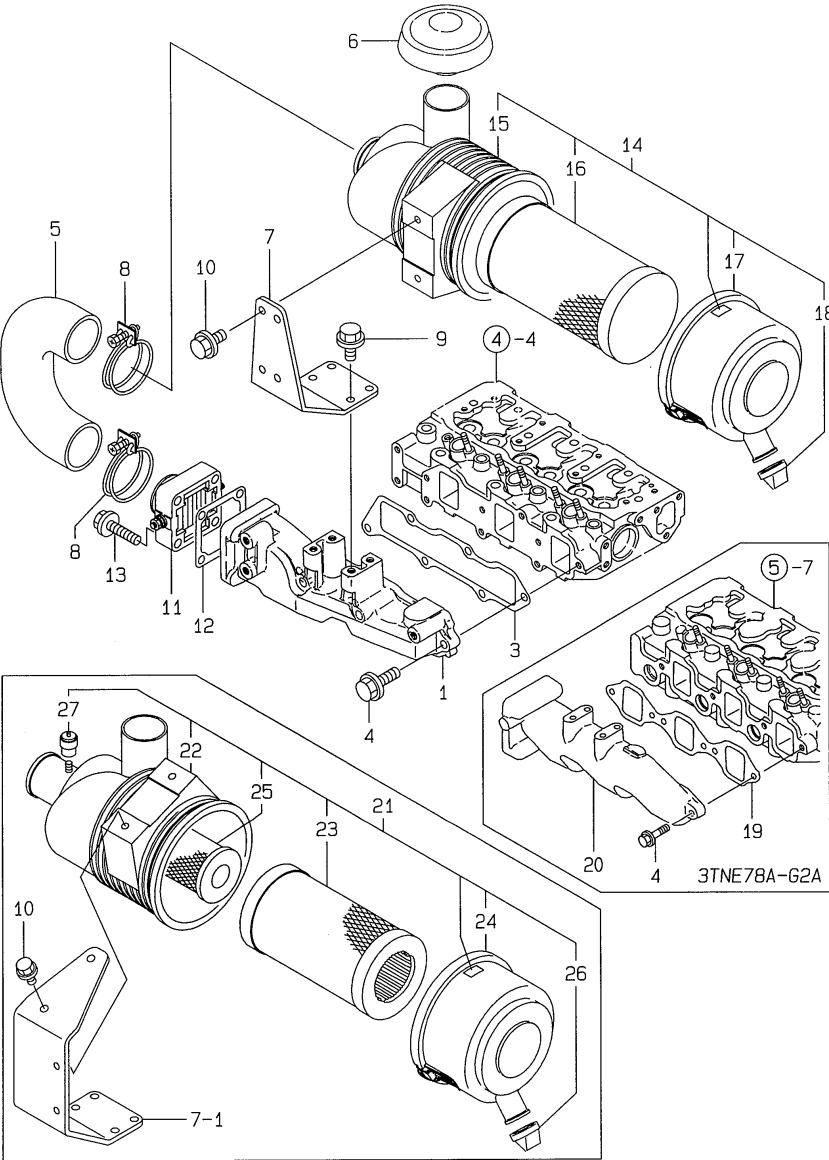


OCR10-G44901 5. CYLINDER HEAD & BONNET (2)

(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171350-03090	PIPE, BREATHER			1					
5	1	124736-07900	LIFTER, ENGINE			1					
6	1	26106-080142	BOLT M 8X 14 PLATED			2					
7	1	719818-11700	HEAD ASSY, CYLINDER			1					
14	2	124060-11800	GUIDE, VALVE			6					1
16	2	121850-11860	PLUG PT1/4			2					
17	2	23871-030000	PLUG PT3/8,SCREW			3					
I 17-1	2	23876-030000	PLUG PT3/8,SCREW (C=EXXX)			3					N
18	2	26216-060302	STUD M 6X 30 PLATED			6					
19	2	27241-220000	PLUG 22			3					
20	2	27241-400000	PLUG 40			2					
21	2	119810-11100	VALVE, SUCTION			3					
22	2	119810-11120	SPRING, VALVE			6					
23	2	119810-11130	VALVE, EXHAUST			3					
24	2	104211-11180	RETAINER, SPRING			6					
25	2	27310-070000	COTTER			6					
26	2	124160-11340	SEAL, VALVE STEM			3					
27	2	124950-11340	SEAL, VALVE STEM			3					
28	2	104211-11370	CAP, VALVE			6					
29	2	22351-060012	SPRING PIN 6X12			2					
30	1	119865-11200	SUPPORT ASSY, ROCKER			1					
31	2	119810-11240	SHAFT, ROCKER ARM			1					
34	2	129155-11260	SUPPORT, ROCKER ARM			2					
35	2	129155-11270	SUPPORT, ROCKER ARM			2					
36	2	129150-11280	SPRING			3					
37	2	719810-11650	ARM ASSY, ROCKER			6					
38	3	129150-11230	SCREW, VALVE			6					
40	3	129150-11750	NUT M8XP1.0			6					
41	2	26226-080182	STUD M 8X 18 PLATED			3					
42	1	119625-11871	PROTECTOR, NOZZLE			3					
I 42-1	1	119625-11870	PROTECTOR, NOZZLE (C=EXXX)			3					N
43	1	119625-11880	SEAT, NOZZLE			3					
44	1	119625-11900	RETAINER			3					
45	1	26106-080252	BOLT M 8X 25 PLATED			2					
46	1	26106-080502	BOLT M 8X 50 PLATED			6					
47	1	26366-060002	NUT M 6			6					
48	1	719810-11520	BONNET ASSY, HEAD			1					
49	2	124160-01751	COVER,FILLER			1					
50	2	129150-03020	COVER, BREATHER			1					
51	2	129150-03070	BAFFLE, BREATHER			1					
52	2	129150-03080	PLATE, SHELTER			1					
55	2	119865-11310	GASKET, BONNET			1					
56	2	24311-000320	O-RING 1A P-32.0			1					
57	2	24341-000500	O-RING 1A S-50.0			1					
58	2	26106-080162	BOLT M 8X 16 PLATED			2					
59	1	124160-11360	KNOB			3					
60	1	24311-000120	O-RING 1A P 12.0			3					

Fig.6. SUCTION MANIFOLD & AIR CLEANER

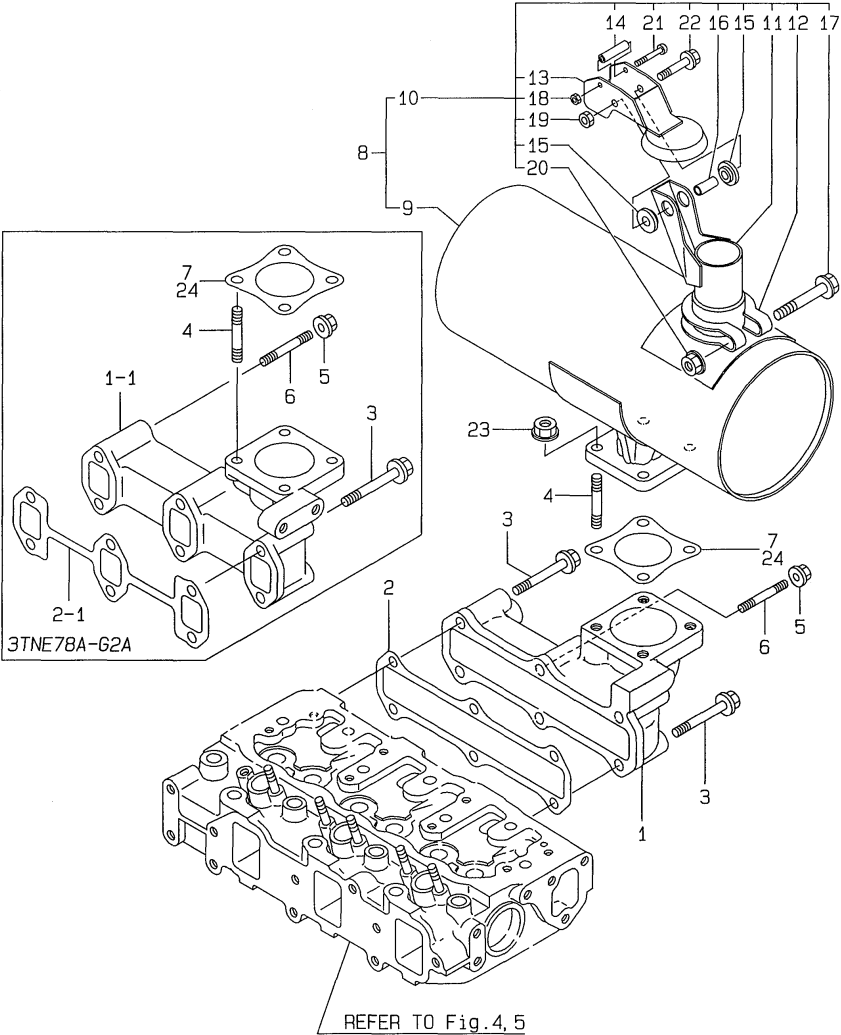


OCR10-G44901 6. SUCTION MANIFOLD & AIR CLEANER

(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119813-12100	MANIFOLD, INTAKE	1	1		1				
3	1	119813-12110	GASKET,INT. MANIFOLD	1	1		1				
4	1	26106-080252	BOLT M 8X 25 PLATED	6	6	4	6				
5	1	129619-12210	HOSE	1	1	1	1				
6	1	121521-12400	CAP, RAIN	1	1	1	1				
7	1	129619-12560	BRACKET,AIR CLEANER	1	1	1					
I 7-1	1	129608-12560	BRACKET,AIRCLEANER	1	1	1	1				R
		(A=E12249) (B=E12274) (C=E12582) (D=E01796)									
8	1	23000-060000	CLAMP 60	2	2	2	2				
9	1	26106-080182	BOLT M 8X 18 PLATED	4	4	4	4				
I 9-1	1	26013-080222	BOLT M 8X 22	4	4	4	4				N
		(A=E12249) (B=E12274) (C=E12582) (D=E01796)									
10	1	26106-080182	BOLT M 8X 18 PLATED	2	2	2	2				
I 10-1	1	26013-080222	BOLT M 8X 22	2	2	2	2				N
		(A=E12249) (B=E12274) (C=E12582) (D=E01796)									
11	1	129120-77501	HEATER, AIR	1	1	1	1				
12	1	129150-77511	GASKET, (NON-ASB.)	1	1	1	1				
13	1	26106-080352	BOLT M 8X 35 PLATED	4	4	4	4				
14	1	129608-12500	AIRCLEANER	1	1	1					
I 14-1	1	129608-12501	AIRCLEANER	1	1	1	1				R
		(A=E12249) (B=E12274) (C=E12582) (D=E01796)									
15	2	129608-12510	BODY ASSY	1	1	1					
I 15-1	2	129608-12511	BODY, AIR CLEANER	1	1	1	1				R
		(A=E12249) (B=E12274) (C=E12582) (D=E01796)									
16	2	119808-12520	ELEMENT, OUTER	1	1	1	1				
17	2	119808-12530	COVER	1	1	1	1				
18	2	119808-12540	VALVE, UNLOADER	1	1	1	1				
I 19	1	119810-12111	GASKET, (NON-ASB.)				1				
I 20	1	171301-12701	MANIFOLD, SUCTION				1				
I 21	1	119822-12500	CLEANER ASSY, AIR	1	1	1	1				W
		(A=E12249) (B=E12274) (C=E12582) (D=E01796)									
I 22	2	119822-12510	BODY	1	1	1	1				W
		(A=E12249) (B=E12274) (C=E12582) (D=E01796)									
I 23	2	119808-12520	ELEMENT, OUTER	1	1	1	1				W
		(A=E12249) (B=E12274) (C=E12582) (D=E01796)									
I 24	2	119808-12530	COVER	1	1	1	1				W
		(A=E12249) (B=E12274) (C=E12582) (D=E01796)									
I 25	2	129051-12530	ELEMENT, INNER	1	1	1	1				W
		(A=E12249) (B=E12274) (C=E12582) (D=E01796)									
I 26	2	119808-12540	VALVE, UNLOADER	1	1	1	1				W
		(A=E12249) (B=E12274) (C=E12582) (D=E01796)									
I 27	2	126650-12680	INDICATOR	1	1	1	1				W
		(A=E12249) (B=E12274) (C=E12582) (D=E01796)									

Fig.7. EXHAUST MANIFOLD & SILENCER

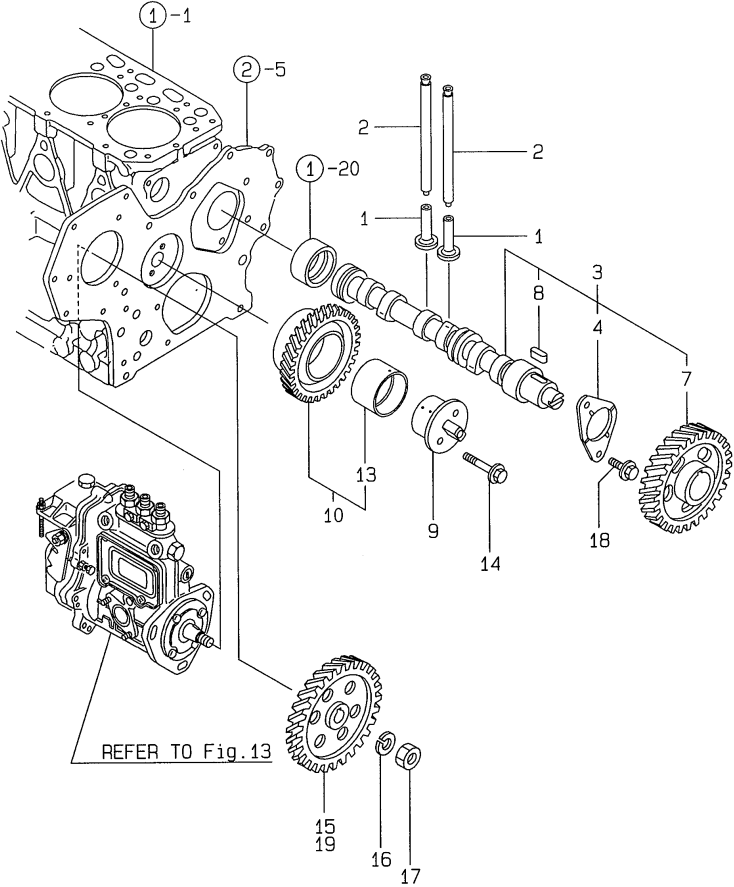


OCR10-G44901 7. EXHAUST MANIFOLD & SILENCER

(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119813-13100	MANIFOLD,EXHAUST	1	1	1	1				
I 1-1	1	119888-13101	MANIFOLD, EXHAUST (C=FROM 1ST)			1				S	
2	1	119813-13110	GASKET, EXH.MANIFOLD	1	1	1	1				
I 2-1	1	119810-13110	GASKET, EXH.MANIFOLD (C=FROM 1ST)			1				S	
3	1	26106-080602	BOLT M 8X 60 PLATED	4	4	4	4				
4	1	26216-080222	STUD M 8X 22 PLATED	4	4	4	4				
I 4-1	1	119131-18320	BOLT M 8X 22	4	4	4	4			N	
		(A=E14436) (B=E14407) (C=E14408) (D=E01796)									
5	1	194990-22050	NUT W/WASHER 8	2	2	2	2				
I 5-1	1	26366-080002	NUT M 8	2	2	2	2			R	
		(A=E14436) (B=E14407) (C=E14408) (D=E01796)									
I 5-2	1	26306-080002	NUT	2	2	2	2			N	
		(A=E14436) (B=E14407) (C=E14408) (D=E01796)									
6	1	26216-080602	STUD M 8X 60 PLATED	2	2	2	2				
7	1	121000-13201	GASKET, SILENCER	1	1	1	1				
I 7-1	1	124701-11911	GASKET, (NON-ASB.)	1	1	1	1			R	
		(A=E14436) (B=E14407) (C=E14408) (D=E01796)									
8	1	119620-13501	SILENCER	1	1	1	1				
9	2	119620-13510	MUFFLER BODY ASSY	1	1	1	1				
10	2	119620-13520	TAILPIPE ASSY	1	1	1	1				
11	3	119620-13560	TAILPIPE	1	1	1	1				
12	3	124664-13580	CLAMP	1	1	1	1				
13	3	119358-13640	RAINCAP,MUFFLER	1	1	1	1				
14	3	121855-13821	SPACER(A)	1	1	1	1				
15	3	121855-13830	SPACER(B)	2	2	2	2				
16	3	123500-13840	SPACER(C)	1	1	1	1				
17	3	26106-080552	BOLT M 8X 55 PLATED	1	1	1	1				
18	3	26347-040002	U-NUT M 4	1	1	1	1				
19	3	26347-060002	U NUT 6	1	1	1	1				
20	3	26366-080002	NUT M 8	1	1	1	1				
I 20-1	3	26306-080002	NUT	1	1	1	1			N	
		(A=E14436) (B=E14407) (C=E14408) (D=E01796)									
21	3	26557-040352	SCREW M 4X 35	1	1	1	1				
22	3	26106-060402	BOLT M 6X 40 PLATED	1	1	1	1				
23	1	194990-22050	NUT W/WASHER 8	4	4	4	4				
I 23-1	1	26366-080002	NUT M 8	4	4	4	4			R	
		(A=E14436) (B=E14407) (C=E14408) (D=E01796)									
I 23-2	1	26306-080002	NUT	4	4	4	4			N	
		(A=E14436) (B=E14407) (C=E14408) (D=E01796)									
I 24	1	121000-13201	GASKET, SILENCER	1	1	1	1				1

Fig.8. CAMSHAFT & DRIVING GEAR

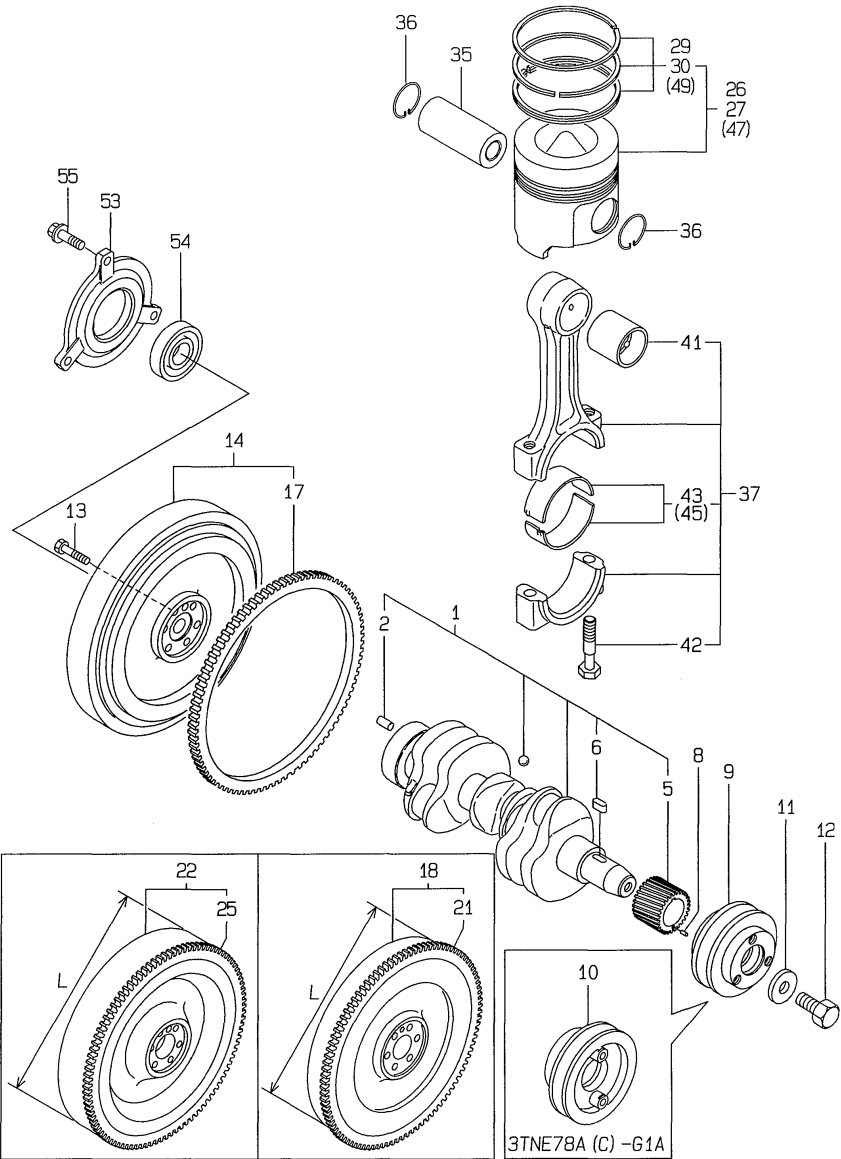


OCR10-G44901 8. CAMSHAFT & DRIVING GEAR

(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6	6	6	6				
2	1	119810-14400	ROD, PUSH	6	6	6	6				
3	1	119810-14580	CAMSHAFT ASSY	1	1	1	1				
4	2	129150-02450	METAL,THRUST(CAM	1	1	1	1				
7	2	129150-14101	GEAR, CAMSHAFT	1	1	1	1				
8	2	22512-070140	KEY 7X 14	1	1	1	1				
9	1	129100-25061	SHAFT, IDLE GEAR	1	1	1	1				
10	1	129150-25101	GEAR W/BUSH	1	1	1	1				
13	2	129150-25920	BUSH, IDLE GEAR	1	1	1	1				1
14	1	26106-080452	BOLT M 8X 45 PLATED	2	2	2	2				
15	1	129150-25900	GEAR, FUEL INJ. PUMP	1	1		1				
16	1	22217-120000	SPRING WASHER	1	1	1	1				
17	1	26716-120002	NUT 12	1	1	1	1				
18	1	26106-080162	BOLT M 8X 16 PLATED	2	2	2	2				
I 18-1	1	26106-080142	BOLT M 8X 14 PLATED	2	2	2	2				N
(A=E10463) (B=E10615) (C=E12582) (D=E00973)											
19	1	129100-25900	GEAR, FEED PUMP				1				

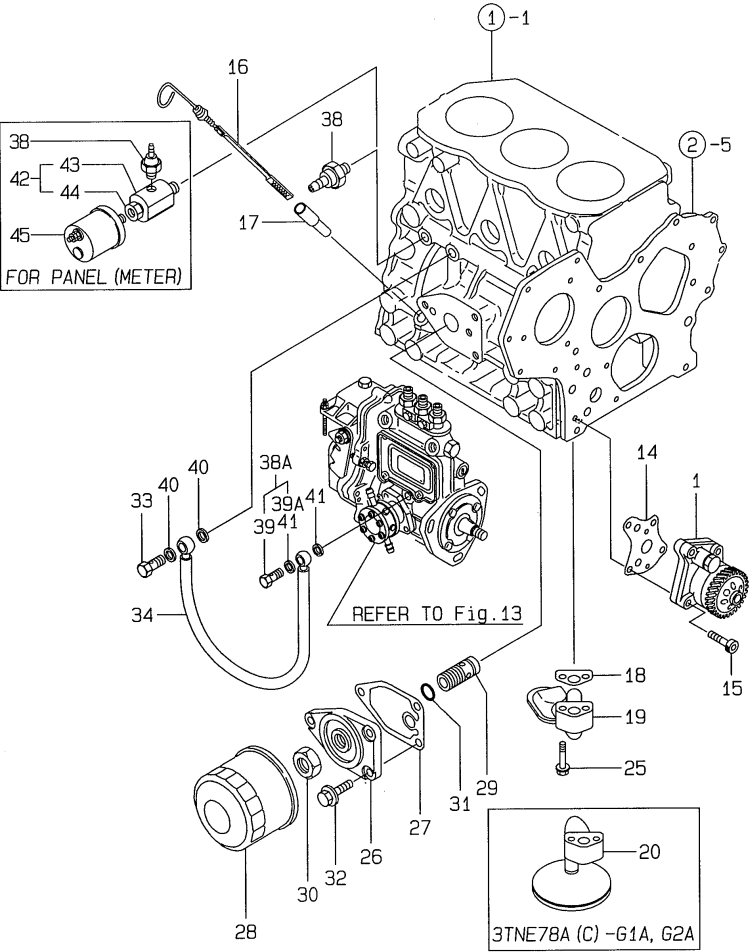
Fig.9. CRANKSHAFT & PISTON



(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

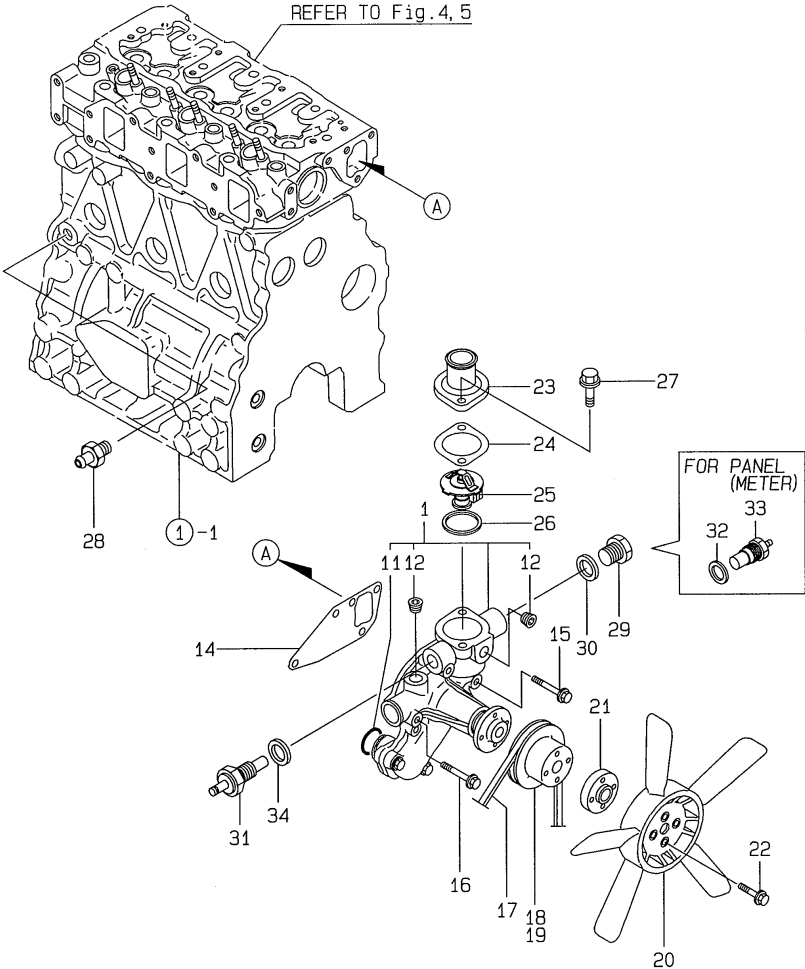
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119813-21000	CRANKSHAFT ASSY	1	1	1	1				
2	2	129100-01580	PARALLEL PIN 8X16	1	1	1	1				
5	2	129150-21200	GEAR, CRANKSHAFT	1	1	1	1				
6	2	22512-070140	KEY 7X 14	1	1	1	1				
8	1	22351-040010	SPRING PIN 4X10	1	1	1	1				
9	1	171301-21650	V-PULLEY, CRANKSHAFT	1		1					
10	1	129550-21650	V-PULLEY, CRANKSHAFT		1		1				
11	1	129795-21661	WASHER	1	1	1	1				
12	1	121850-21680	BOLT, V-PULLEY	1	1	1	1				
13	1	121111-21501	BOLT, FLYWHEEL	6	6	6	6				
14	1	119888-21590	FLYWHEEL W/RING GEAR	1		1					
17	2	119865-21600	GEAR, RING	1		1					
18	1	171301-21590	FLYWHEEL W/RING GEAR	1	1	1	1				1
21	2	124550-21600	RING GEAR	1	1	1	1				1
22	1	171301-21580	FLYWHEEL W/RING GEAR	1		1					2
25	2	119865-21600	GEAR, RING	1		1					2
26	1	119818-22080	PISTON W/RINGS	3	3		3				
27	1	119818-22090	PISTON W/ RING			3					
29	2	119818-22500	RING SET	3	3		3				
30	2	119818-22510	PISTON RING ASSY			3					
35	1	119813-22300	PIN, PISTON	3	3	3	3				
36	1	129792-22400	CIRCLIP 23	6	6	6	6				
37	1	719810-23100	ROD ASSY, CONNECTING	3	3	3	3				
41	2	119810-23910	BUSH, PISTON PIN	3	3	3	3				3
42	2	119810-23200	BOLT, CONNECTING ROD	6	6	6	6				
43	2	119810-23600	BEARING, CRANKPIN	3	3	3	3				
45	1	119810-23610	BEARING,PIN U.S=0.25	3	3	3	3				4
47	1	119818-22900	PISTON W/RING OS=.25	3	3	3	3				5
49	2	119818-22950	RING SET O.S=0.25	3	3	3	3				5
53	1	119888-21450	RETAINER, BEARING	1							
54	1	24107-062054	BALL BEARING	1							
55	1	26106-080222	BOLT M 8X 22 PLATED	3							

Fig.10. LUB.OIL SYSTEM



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-32001	PUMP ASSY, LUB. OIL	1	1	1	1				
14	1	129150-32020	GASKET, L.O. PUMP	1	1	1	1				
15	1	26450-060252	BOLT M 6X 25	4	4	4	4				
16	1	119600-34800	DIPSTICK, LUB. OIL	1	1	1	1				
I 16-1	1	171420-34820	DIPSTICK, LUB. OIL (C=FROM 1ST)			1				N	
17	1	121520-34810	GUIDE, DIPSTICK	1	1	1	1				
18	1	129150-35041	GASKET, (NON-ASB.)	1	1	1	1				
19	1	119810-35401	PIPE ASSY, OIL INLET	1							
20	1	119810-35300	PIPE ASSY, OIL INLET		1	1	1				
25	1	26106-080352	BOLT M 8X 35 PLATED	2	2	2	2				
26	1	129150-35101	BRACKET, STRAINER	1	1	1	1				
27	1	129150-35111	GASKET, (NON-ASB.)	1	1	1	1				
28	1	129150-35151	FILTER 80X80L	1	1	1	1				
29	1	129001-35300	BOLT,LUB.O. STRAINER	1	1	1	1				
30	1	129150-35350	NUT	1	1	1	1				
31	1	24311-000160	O-RING 1A P-16.0	1	1	1	1				
32	1	26106-080202	BOLT M 8X 20 PLATED	3	3	3	3				
33	1	124160-39140	BOLT 10, PIPE JOINT	1	1	1	1				
34	1	119810-39200	PIPE ASSY, LUB. OIL	1	1	1	1				
38	1	124160-39450	SWITCH, OIL PRESSURE	1	1	1	1				
I 38A	1	124550-59830	BOLT W/ SEAL WASHER (A=E10463) (B=E10615) (C=E12582) (D=E00973)	1	1	1	1			W	
I 39	2	124550-59820	BOLT 8, PIPE JOINT	1	1	1	1				
I 39A	2	22190-080002	SEAL WASHER 8S (A=E10463) (B=E10615) (C=E12582) (D=E00973)	1	1	1	1			W	
40	1	23414-100000	GASKET 10, ROUND	2	2	2	2				
41	1	22190-080002	SEAL WASHER 8S	2	2	2	2				
I 41-1	1	22190-080002	SEAL WASHER 8S (A=E10463) (B=E10615) (C=E12582) (D=E00973)	1	1	1	1			K	
42	1	171375-39600	DAMPER ASSY	1	1	1	1				1
I 42-1	1	171375-39601	DUMPER ASSY (A=E10463) (B=E10615) (C=E12582) (D=E00973)	1	1	1	1			R	1
I 43	2	129470-39610	DAMPER (A=E10463) (B=E10615) (C=E12582) (D=E00973)	1	1	1	1			Z	1
I 44	2	23161-020100	BUSH PT1/4X1/8 (A=E10463) (B=E10615) (C=E12582) (D=E00973)	1	1	1	1			Z	1
45	1	144626-91560	TACHO UNIT	1	1	1	1				1

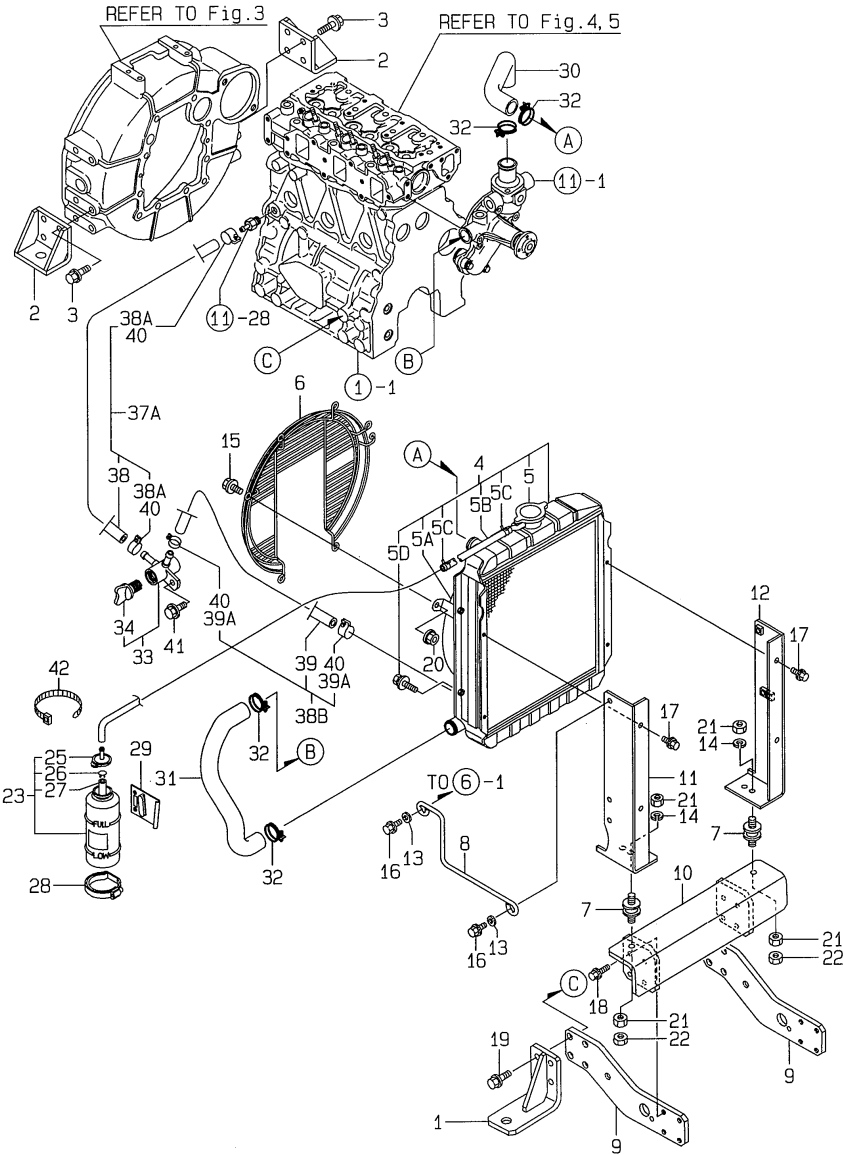
Fig.11. COOLING WATER SYSTEM



(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119810-42001	PUMP,C.W.(NON-ASB.)	1	1	1	1				
11	2	129150-42320	O-RING	1	1	1	1				
12	2	23871-030000	PLUG PT3/8,SCREW	2	2	2	2				
I 12-1	2	23876-030000	PLUG PT3/8,SCREW	2	2	2	2			N	
		(A=E XXX) (B=E XXX) (C=E XXX) (D=E XXX)									
14	1	129150-42020	GASKET, C.W. PUMP	1	1	1	1				
15	1	26106-080352	BOLT M 8X 35 PLATED	1	1	1	1				
16	1	26106-080552	BOLT M 8X 55 PLATED	3	3	3	3				
17	1	25132-003900	V-BELT (A-39)	1	1	1	1				
18	1	129403-42380	V-PULLEY(D=110)	1		1					
19	1	129155-42350	V-PULLEY, C.W. PUMP		1		1				
20	1	124700-44740	FAN, COOLING	1	1	1	1				
21	1	124574-44761	SPACER	1	1	1	1				
22	1	26106-060202	BOLT M 6X 20 PLATED	4	4	4	4				
23	1	129350-49530	COVER, THERMOSTAT	1	1	1	1				
24	1	129795-49551	GASKET, (NON-ASB.)	1	1	1	1				
25	1	129155-49800	THERMOSTAT	1	1	1	1				
26	1	129150-49811	GASKET, (NON-ASB.)	1	1	1	1				
27	1	26106-080202	BOLT M 8X 20 PLATED	2	2	2	2				
I 27-1	1	26106-080222	BOLT M 8X 22 PLATED	2	2	2	2			N	
		(A=E XXX) (B=E XXX) (C=E XXX) (D=E XXX)									
28	1	121550-49111	JOINT PT1/4	1	1	1	1				
29	1	121450-42450	PLUG M16	1	1	1	1				
30	1	124465-44950	GASKET 16	1	1	1	1				
31	1	124250-49351	THERMOMETER	1	1	1	1				
32	1	129150-49360	GASKET 10	1	1	1	1				1
33	1	121250-44901	SWITCH, THERMO(110 C	1	1	1	1				1
34	1	124465-44950	GASKET 16	1	1	1	1				

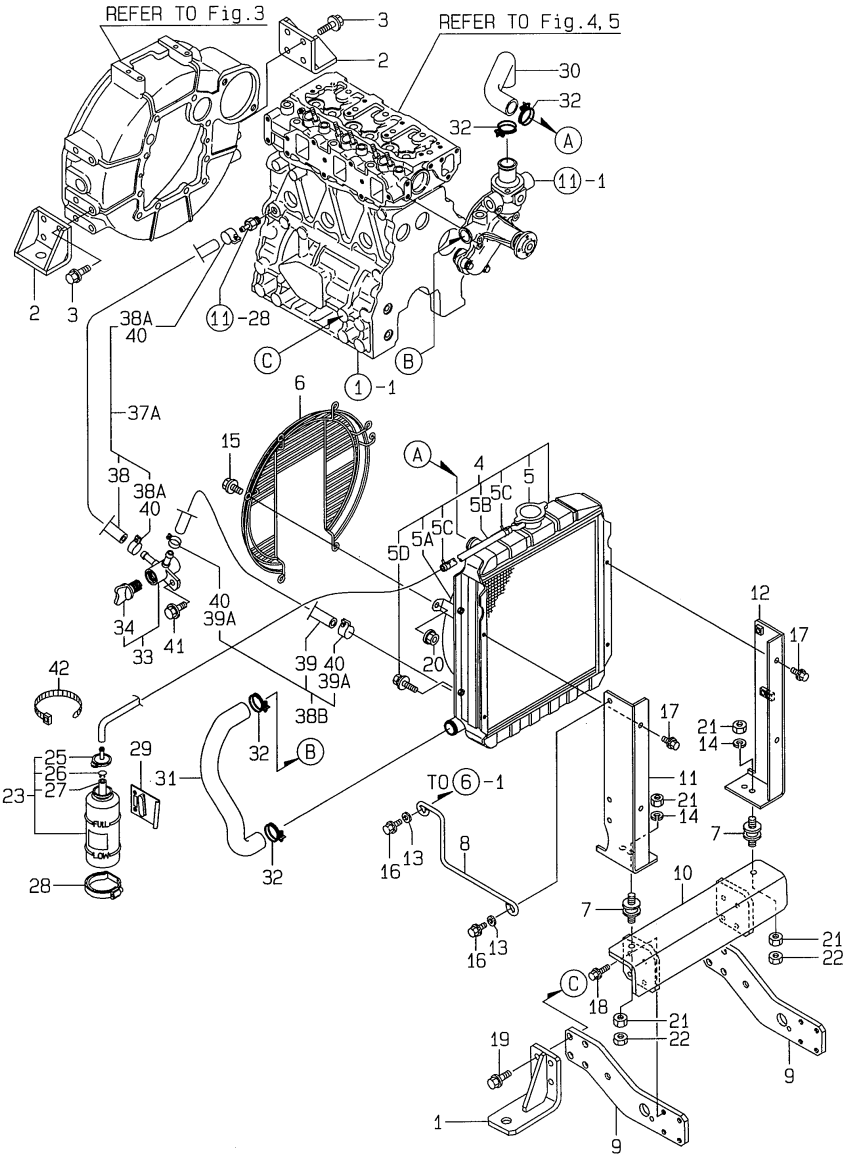
Fig.12. RADIATOR



(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

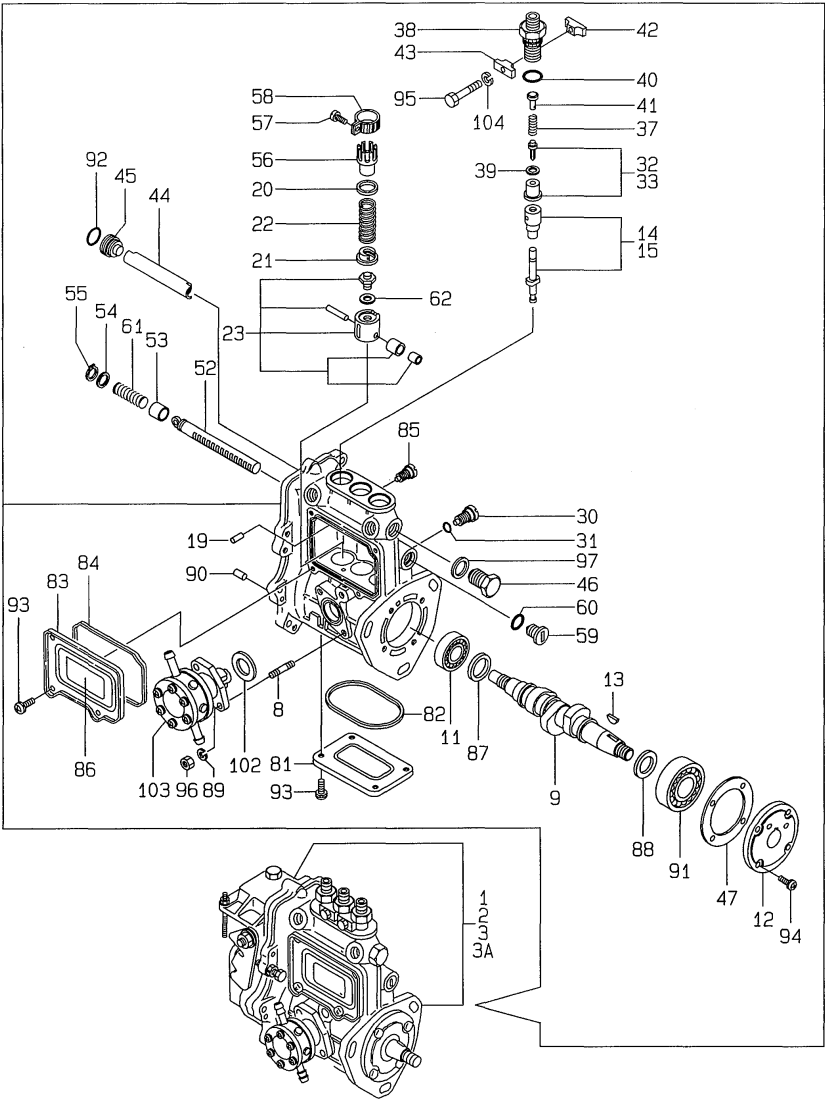
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119888-08100	BRACKET (A), ENGINE	2	2		2				
2	1	119888-08110	BRACKET (B), ENGINE	2	2		2				
3	1	26106-100202	BOLT M10X 20 PLATED	8	8		8				
4	1	119621-44500	RADIATOR	1	1	1	1				
I 5	2	119259-44570	CAP, RADIATOR	1	1	1	1				
I 5A	2	X2411365340	SHROUD, FAN	1	1	1	1				W
(A=E XXX) (B=E XXX) (C=E XXX) (D=E XXX)				1	1	1	1				W
I 5B	2	129132-44530	HOSE, C.WATER	1	1	1	1				W
(A=E XXX) (B=E XXX) (C=E XXX) (D=E XXX)											
I 5C	2	121250-44590	CLAMP	2	2	2	2				W
(A=E XXX) (B=E XXX) (C=E XXX) (D=E XXX)											
I 5D	2	26014-080162	BOLT M 8X 16	4	4	4	4				W
(A=E XXX) (B=E XXX) (C=E XXX) (D=E XXX)											
6	1	119621-44560	FAN-GUARD	1	1	1	1				
7	1	121400-44650	ABSORBER, SHOCK	2	2		2				
8	1	119822-44940	SUPPORT,RADIATOR	1	1		1				
9	1	119888-44950	BRACKET (A)	2	2		2				
10	1	119888-44960	BRACKET (B)	1	1		1				
11	1	119888-44970	SUPPORT(A)(SILVER:25	1	1		1				
12	1	119888-44980	SUPPORT(B)(SILVER:25	1	1		1				
13	1	22137-080000	WASHER 8, POLISHED	2	2		2				
14	1	22217-100000	SPRING WASHER 10	2	2		2				
15	1	26106-080122	BOLT M 8X 12 PLATED	6	6	6	6				
16	1	26106-080162	BOLT M 8X 16 PLATED	2	2		2				
17	1	26106-080202	BOLT M 8X 20 PLATED	4	4		4				
18	1	26106-080252	BOLT M 8X 25 PLATED	8	8		8				
19	1	26206-120302	BOLT M12X 30	8	8		8				
20	1	26366-080002	NUT M 8	6	6	6	6				
I 20-1	1	26306-080002	NUT	6	6	6	6				N
(A=E XXX) (B=E XXX) (C=E XXX) (D=E XXX)											
21	1	26716-100002	NUT 10	4	4		4				
22	1	26756-100002	LOCK NUT M10 PLATED	2	2		2				
23	1	124450-44510	SUB-TANK ASSY	1	1	1	1				
25	2	124450-44530	CAP	1	1	1	1				
26	2	124450-44560	CLAMP	1	1	1	1				
27	2	23061-070230	PIPE 7X 230	1	1	1	1				
28	1	124450-44550	CLAMP, SUB-TANK	1	1	1	1				
29	1	121256-44600	BRACKET, SUB-TANK	1	1	1	1				
30	1	171301-49010	PIPE (A), C. WATER	1	1	1	1				
31	1	171301-49020	PIPE (B), C. WATER	1	1	1	1				
32	1	23010-038000	CLAMP 38	4	4	4	4				
33	1	129150-49100	COCK ASSY, 3-WAY	1	1	1	1				
34	2	129150-49080	COCK, DRAIN	1	1	1	1				
I 37A	1	129210-49280	PIPE, WATER DRAIN	1	1		1				W
(A=E XXX) (B=E XXX) (D=E XXX)											
I 38	2	121737-49160	PIPE, WATER DRAIN	1	1		1				
I 38A	2	124766-59050	CLAMP 12	2	2		2				W
(A=E XXX) (B=E XXX) (D=E XXX)											
I 38B	1	129210-49120	PIPE, WATER DRAIN	1	1		1				W
(A=E XXX) (B=E XXX) (D=E XXX)											
I 39	2	121520-49160	PIPE, WATER DRAIN	1	1		1				

Fig.12. RADIATOR



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I	39A	2 124766-59050	CLAMP 12	2	2		2			W	
		(A=EXXX) (B=EXXX) (D=EXXX)									
I	40	1 124766-59050	CLAMP 12	4	4		4			Z	
		(A=EXXX) (B=EXXX) (D=EXXX)									
	41	1 26106-080162	BOLT M 8X 16 PLATED	1	1		1				
I	42	1 121750-59890	CLAMP 140	1	1		1			W	
		(A=EXXX) (B=EXXX) (D=EXXX)									

Fig.13. FUEL INJECTION PUMP

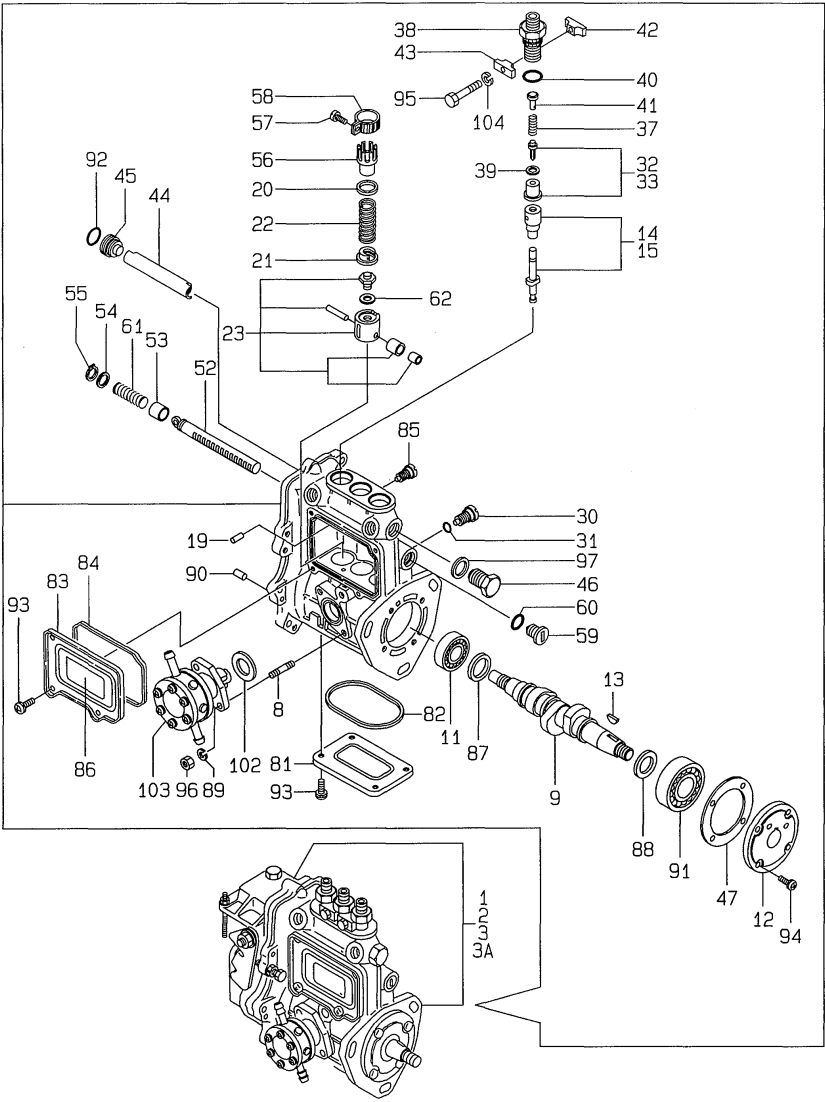


OCR10-G44901 13. FUEL INJECTION PUMP

(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719822-51370	PUMP ASSY, F. INJEC.	1							1
2	1	719989-51310	FUEL INJECTION PUMP		1						1
3	1	719822-51400	FUEL INJECTION PUMP			1					1
I	3A	1	719822-51310				1				1
8	2	129155-51020	STUD, FEED PUMP	2	2	2	2				
9	2	119810-51040	CAMSHAFT	1	1	1	1				
11	2	129155-51050	BALL BEARING, THRUST	1	1	1	1				
12	2	129155-51060	CAM SHAFT SUPPORT	1	1	1	1				
13	2	122710-51090	KEY	1	1	1	1				
14	2	129108-51100	PLUNGER W/BARREL	3	3		3				
15	2	129411-51200	PLUNGER W/BARREL				3				
19	2	129155-51140	PIN, BARREL LOCKING	3	3	3	3				
20	2	174307-51170	RETAINER A	3	3	3	3				
21	2	129155-51180	SPRING SHOE, PLUNGER	3	3	3	3				
22	2	124950-51190	SPRING, PLUNGER	3	3	3	3				
23	2	129155-51200	TAPPET ASSY	3	3	3	3				
30	2	129155-51270	LOCKING, TAPPET	3	3	3	3				
31	2	129155-51280	O-RING S6	3	3	3	3				
32	2	129100-51300	VALVE W/SEAT, DELIV.	3	3						
33	2	128170-51300	VALVE W/SEAT, DELIV.				3	3			
37	2	129155-51320	SPRING, DELIV. VALVE	3	3	3	3				
38	2	129155-51340	GUARD,DELIVERY VALVE	3	3	3	3				
39	2	124550-51350	GASKET, DELIVERY	3	3	3	3				
40	2	124550-51370	O-RING, DELIVERY	3	3	3	3				
41	2	129155-51370	STOPPER, VALVE	3	3	3	3				
42	2	129155-51380	LOCKING (A)	2	2	2	2				
43	2	129155-51390	LOCKING (B)	2	2	2	2				
44	2	129155-51400	DEFLECTOR	1	1	1	1				
45	2	129155-51410	CHECK BOLT,DEFLECTOR	1	1	1	1				
46	2	129155-51420	PLUG (M16)	1	1	1	1				
47	2	129155-51450	SHIM SET, ADJUSTING	1	1	1	1				
52	2	129155-51500	RACK, CONTROL	1	1	1	1				
53	2	129155-51521	BUSH, RACK	1	1	1	1				
54	2	129155-51530	SPACER, AUX. SPRING	1	1	1	1				
55	2	129155-51540	CIRCLIP	1	1	1	1				
56	2	129155-51550	PINION, CONTROL	3	3	3	3				
57	2	122117-51560	SCREW, PINION	3	3	3	3				
58	2	174307-51560	PINION	3	3	3	3				
59	2	129155-51570	PLUG (M12)	1	1	1	1				
60	2	129155-51580	O-RING	1	1	1	1				
61	2	129155-51591	SPRING, RACK	1	1	1	1				
62	2	129155-51600	SHIM PACK	3	3	3	3				
81	2	129155-51700	COVER, LOWER	1	1	1	1				
82	2	129155-51710	GASKET, LOWER COVER	1	1	1	1				
83	2	129155-51750	COVER, SIDE	1	1	1	1				
84	2	129155-51760	GASKET, SIDE COVER	1	1	1	1				
85	2	129155-51790	LOCKING, RACK	1	1	1	1				
86	2	129156-51910	LABEL, CAUTION	1	1	1	1				
87	2	129155-51930	SPACER T=3.25	1	1	1	1				
88	2	129155-51940	SPACER T=1.5	1	1	1	1				
89	2	22217-060000	SPRING WASHER 6	2	2	2	2				

Fig.13. FUEL INJECTION PUMP



OCR10-G44901 13. FUEL INJECTION PUMP

(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
90	2	22351-050010	SPRING PIN 5X10	2	2	2	2				
91	2	24101-063034	BALL BEARING	1	1	1	1				
92	2	24341-000160	O-RING 1A S-16.0	1	1	1	1				
93	2	26022-050102	SCREW M 5X 10	8	8	8	8				
94	2	26022-060162	SCREW M 6X 16	4	4	4	4				
95	2	26116-050302	BOLT M 5X 30 PLATED	2	2	2	2				
96	2	26716-060002	NUT 6	2	2	2	2				
97	2	22190-160002	SEAL WASHER 16S	1	1	1	1				
102	2	129155-52050	GASKET	1	1	1	1				
103	2	129100-52100	PUMP ASSY, FUEL FEED	1	1	1	1				
104	2	22217-050000	SPRING WASHER 5	2	2	2	2				

Fig.14. GOVERNOR

(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
4	2	129155-51280	O-RING S6	1	1	1	1				
7	2	129052-61050	PACKING	1	1	1					
I 7A	2	129116-61051	GASKET, SPACER				1				
8	2	129052-61060	COVER	1	1	1	1				
9	2	129052-61070	PACKING	1	1	1					
I 9A	2	119988-61070	PACKING				1				
10	2	129155-61120	LINK L=30(MARK 0	1	1	1	1				1
11	2	129155-61130	LINK L=31(MARK 1	1	1	1	1				1
12	2	129155-61140	LINK L=30.5(MARK 05)	1	1	1	1				1
13	2	129155-61201	WEIGHT ASSY,GOVERNOR	1		1					
14	2	171488-61200	WEIGHT ASSY, GOV.		1		1				
19	2	129155-61341	SLEEVE	1	1	1	1				2
20	2	129155-61350	SLEEVE	1	1	1	1				2
21	2	129155-61360	SLEEVE	1	1	1	1				2
22	2	129100-61400	SHAFT ASSY, CONTROL	1	1	1					
I 22A	2	119988-61400	SHAFT ASSY,CONTROL				1				
25	2	129155-61430	SPACER, SHAFT	1	1	1	1				
29	2	129155-61450	BOLT, REVOL. LIMIT	1	1	1					
I 29A	2	119988-61460	BOLT, REVOL. LIMIT				1				
30	2	129155-61460	BOLT, IDLE LIMIT	1	1	1	1				
31	2	129155-61480	SPACER ASSY	2	2	2	2				
36	2	129052-61390	SHAFT, GOV. LEVER	1	1	1	1				
37	2	129052-61500	LEVER ASSY,GOVERNOR	1							
38	2	129412-61500	LEVER ASSY,GOVERNOR		1	1	1				
39	3	174307-51700	SHIM SET	2	2	2	2				
53	3	129052-61540	SPRING	1							
54	3	119843-61540	SPRING		1	1	1				
64	2	129155-61830	O-RING S10	1	1	1	1				
65	2	119660-61901	RETAINER, SHAFT	1	1	1	1				
66	2	129155-61950	BOLT, WASHER BASED	1	1	1	1				
67	2	124550-66370	LOCK NUT M 6	1	1	1					
68	2	22117-040000	WASHER 4	1	1	1	1				
69	2	22190-060002	SEAL WASHER 6S	1	1	1	1				
I 69-1	2	22190-060003	SEAL WASHER 6S	1	1	1					N
(A=EXXX) (B=EXXX) (C=EXXX)											
70	2	22190-100002	SEAL WASHER 10S	1	1	1	1				
71	2	22190-120002	SEAL WASHER 12	2	2	2	1				
72	2	22287-120000	WASHER 12	1	1	1	1				
73	2	22372-040000	SNAP PIN 4	2	2	2	2				
74	2	23887-100002	PLUG 10	1	1	1	1				
75	2	24341-000280	O-RING 1A S-28.0	1	1	1	1				
76	2	26106-060102	BOLT M 6X 10 PLATED	1	1	1	1				
77	2	26106-060102	BOLT M 6X 10 PLATED	1	1	1					
78	2	26106-060102	BOLT M 6X 10 PLATED	4	4	4	4				
79	2	26106-060142	BOLT M 6X 14 PLATED	2	2	2	2				
80	2	26106-060202	BOLT M 6X 20 PLATED	6	6	6	6				
81	2	26756-060002	LOCK NUT 6	1	1	1	1				
82	2	26776-120002	LOCK NUT M12 PLATED	2	2	2	1				
I 82A	2	119685-61940	CARB NUT(FO-LIMIT				1				
I 82B	2	119685-61950	CARB NUT(HI-IDLE				1				
I 83	2	26366-080002	NUT M 8	1	1	1	1				

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
(C)Copy Rights YANMAR CO.,LTD.

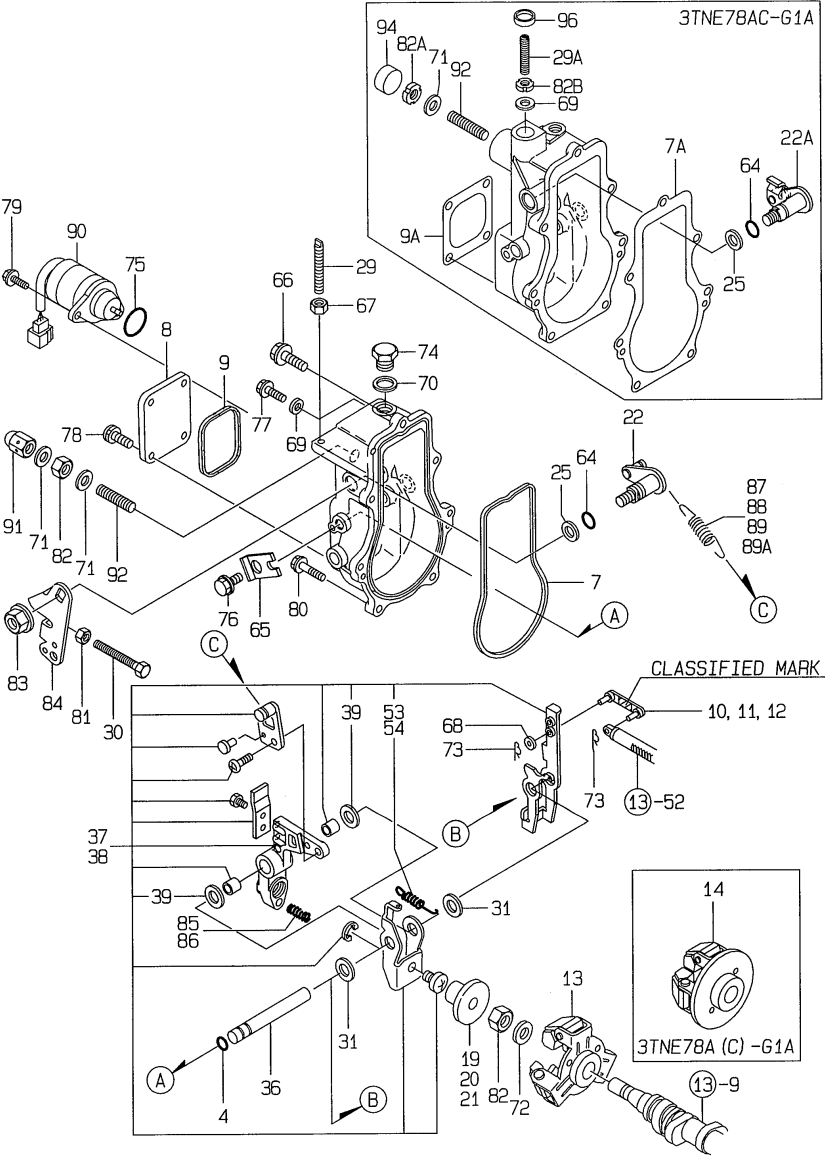
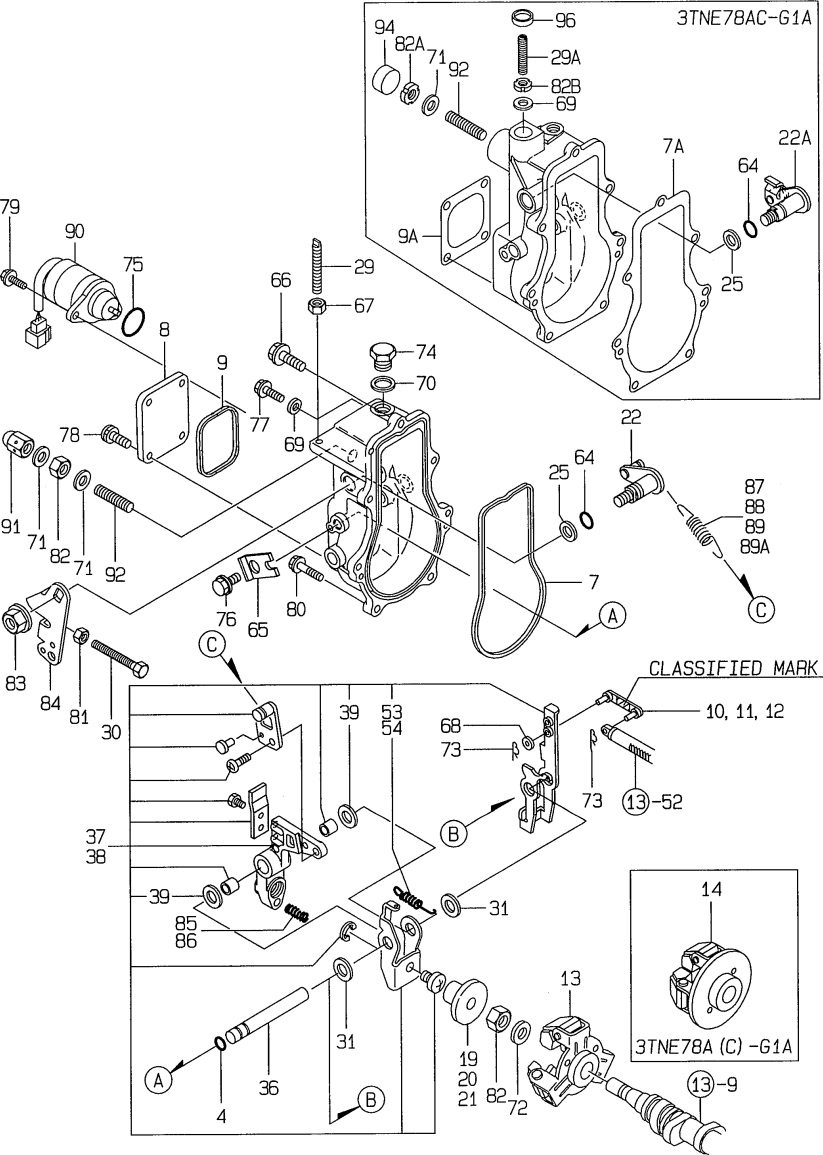


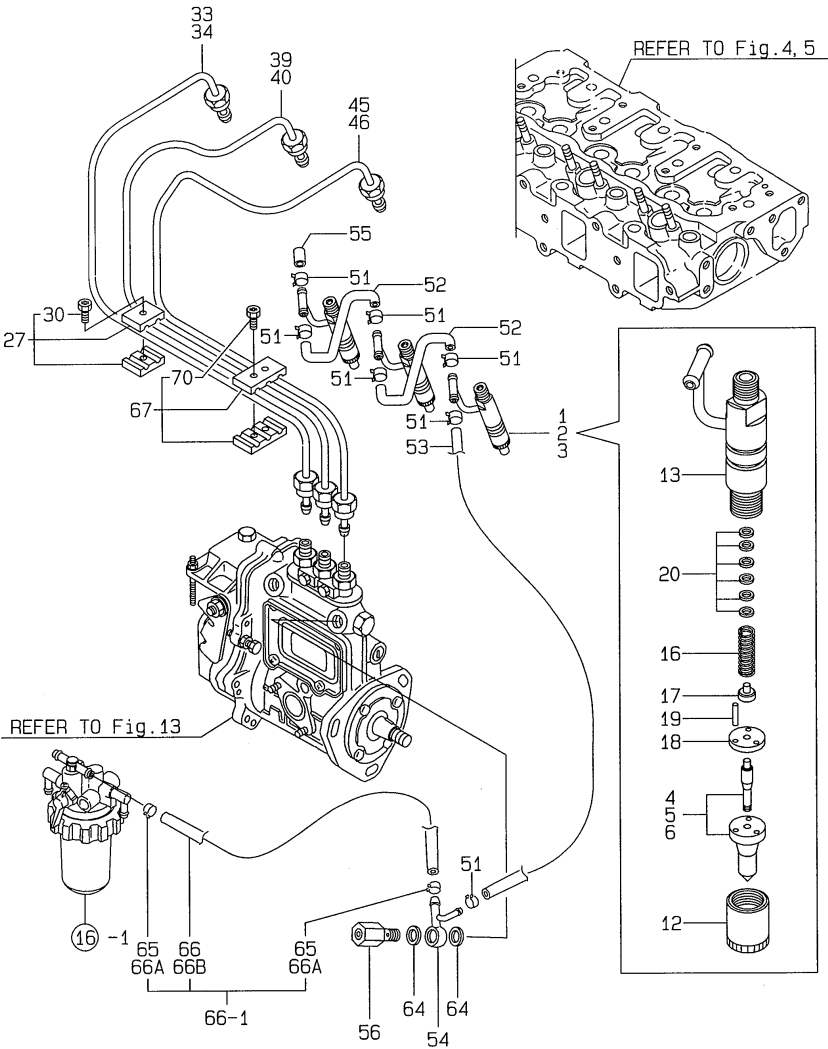
Fig.14. GOVERNOR



(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
I 84	2	129100-61440	LEVER, CONTROL	1	1	1					
I 84-1	2	171488-61440	LEVER, CONTROL		1		1			N	
(B=E15302)											
I 85	2	129100-61650	SPRING, FUEL CONTROL	1							
I 86	2	129500-61650	SPRING, FUEL CONTROL		1	1	1				
I 87	2	171353-61700	SPRING, GOVERNOR	1							
I 88	2	129477-61720	SPRING, GOVERNOR		1						
I 89	2	129500-61700	SPRING, GOVERNOR			1					
I 89A	2	129477-61710	SPRING, GOVERNOR				1				
I 90	2	119653-77950	SOLENOID, STOP	1	1	1	1				
I 91	2	26687-120002	CAP NUT M12	1	1	1					
I 92	2	129155-61470	BOLT, FUEL CONTROL	1	1	1	1				
I 94	1	119621-66610	PLUG 22						1		3
I 96	1	119621-66710	PLUG 14						1		3

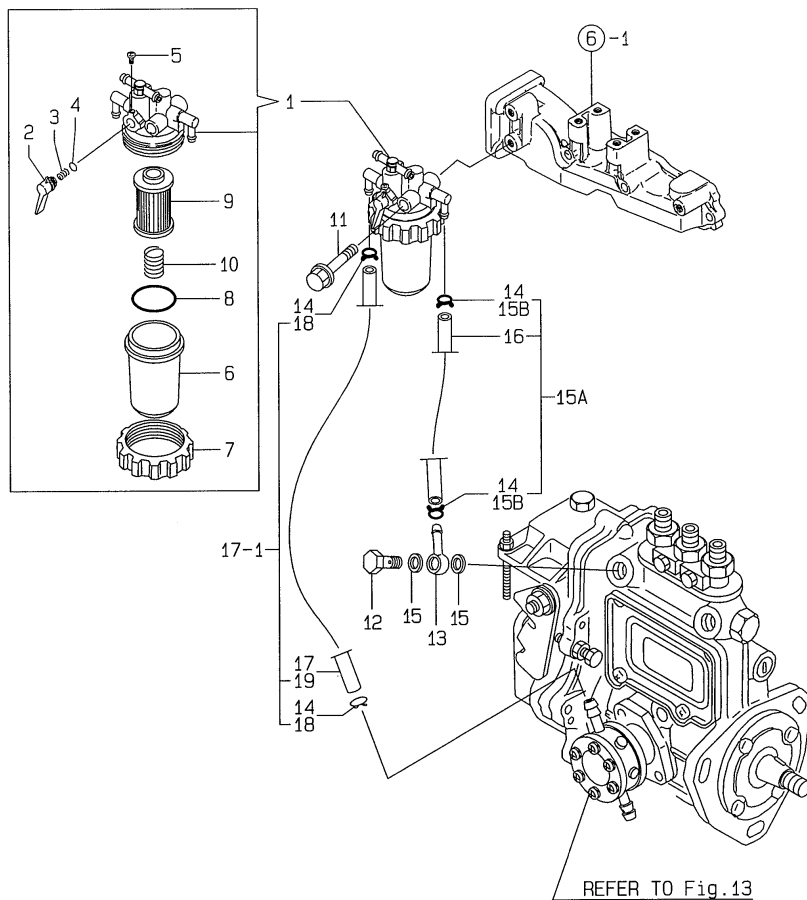
Fig.15. FUEL INJECTION VALVE



OCR10-G44901 15. FUEL INJECTION VALVE

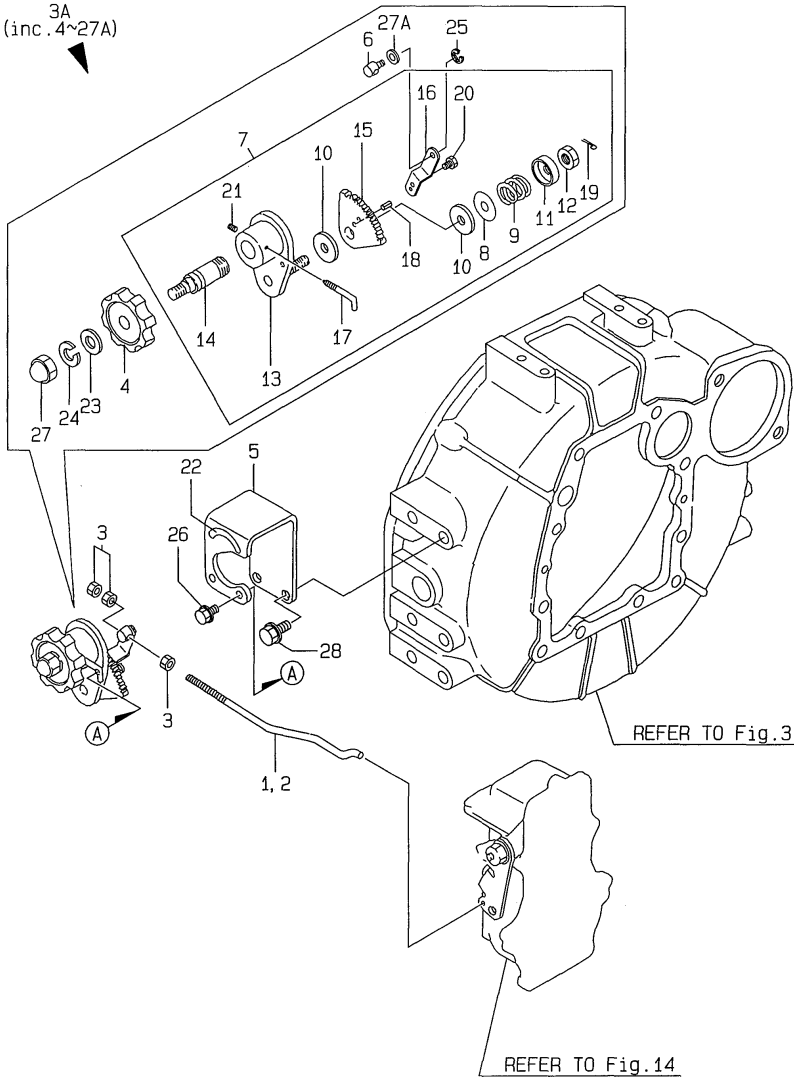
(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

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	1	719818-53100	VALVE ASSY, F.INJECT		3		3				
3	1	729102-53100	VALVE ASSY, F.INJECT			3					
4	2	129500-53050	NOZZLE ASSY,F.INJECT	3							
5	2	119818-53000	NOZZLE ASSY,F.INJECT		3		3				
6	2	129102-53000	NOZZLE ASSY,F.INJECT			3					
12	2	114250-53080	NUT, NOZZLE CASE	3	3	3	3				
13	2	129100-53100	HOLDER ASSY, NOZZLE	3	3	3	3				
16	2	114250-53120	SPRING, NOZZLE	3	3	3	3				
17	2	114250-53130	SEAT, NOZZLE SPRING	3	3	3	3				
18	2	114250-53140	PLATE, STOP	3	3	3	3				
19	2	114250-53210	PIN	6	6	6	6				
20	2	114250-53400	SHIM PACK	3	3	3	3				
27	1	119305-59120	RETAINER	1	1		1				
30	2	129150-59131	BOLT M4X14,HEX.SCKT.	1	1		1				
33	1	119813-59811	PIPE, FUEL INJECTION	1	1		1				
I 33-1	1	119813-59812	PIPE, F.INJECT (NO.1	1	1		1				R
(A=E14921) (B=E14920) (D=E01893)											
34	1	119811-59810	PIPE, FUEL INJECTION				1				
39	1	119813-59821	PIPE, FUEL INJECTION	1	1		1				
40	1	119811-59820	PIPE, FUEL INJECTION				1				
45	1	119813-59831	PIPE, FUEL INJECTION	1	1		1				
46	1	119811-59830	PIPE, FUEL INJECTION				1				
51	1	124066-59100	CLAMP 8	7	7	7	7				
52	1	121250-59550	PIPE, FUEL	2	2	2	2				
53	1	119840-59560	PIPE, FUEL RETURN	1	1	1	1				
54	1	119840-59570	JOINT	1	1	1	1				
55	1	129150-59580	CAP	1	1	1	1				
56	1	129100-59951	VALVE ASSY, CHECK	1	1	1	1				
64	1	23414-120000	GASKET 12, ROUND	2	2	2	2				
I 65	1	124766-59050	CLAMP 12	2	2	2	2				Z
(A=E14921) (B=E14920) (C=E14922) (D=E01893)											
66	1	129255-59580	PIPE, FUEL	1	1	1	1				
I 66-1	1	129210-59130	PIPE ASSY, FUEL OIL	1	1	1	1				N
(A=E14921) (B=E14920) (C=E14922) (D=E01893)											
I 66A	2	124766-59050	CLAMP 12	2	2	2	2				W
(A=E14921) (B=E14920) (C=E14922) (D=E01893)											
I 66B	2	105025-59750	PIPE, FUEL OIL	1	1	1	1				W
(A=E14921) (B=E14920) (C=E14922) (D=E01893)											
67	1	129150-59120	RETAINER, INJ. PIPE	1	1	1	1				
70	2	129150-59131	BOLT M4X14,HEX.SCKT.	2	2	2	2				



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY				I	R
				(A)	(B)	(C)	(D)		
	1	119833-55620	STRAINER ASSY, FUEL	1	1	1	1		
	2	119810-55340	LEVER	1	1	1	1		
	3	104200-55330	SPRING, TAPER VALVE	1	1	1	1		
	4	24311-240100	O-RING 1A P-10A	1	1	1	1		
	5	104200-55750	SCREW M 4	1	1	1	1		
	6	121254-55510	CUP, STRAINER	1	1	1	1		
	7	110250-55610	RING, RETAINING	1	1	1	1		
	8	102103-55520	O-RING	1	1	1	1		
	9	119810-55650	ELEMENT	1	1	1	1		
	10	2	121250-55620	SPRING	1	1	1	1	
	11	1	26014-080702	BOLT W/WASHER M8X 70	1	1	1	1	
	12	1	103854-39140	BOLT, PIPE JOINT	1	1	1	1	
	13	1	101304-59020	JOINT 12, PIPE	1	1	1	1	
I	14	1	124766-59050	CLAMP 12	4	4	4	4	Z
		(A=E14921)	(B=E14920)	(C=E14922)	(D=E01893)				
	15	1	104200-59170	GASKET 12	2	2	2	2	
I	15-1	1	22190-120002	SEAL WASHER 12	2	2	2	2	N
		(A=E10184)	(B=E10615)	(C=E10201)	(D=E00973)				
I	15A	1	129210-59040	PIPE ASSY, FUEL OIL	1	1	1	1	W
		(A=E14921)	(B=E14920)	(C=E14922)	(D=E01893)				
I	15B	2	124766-59050	CLAMP 12	2	2	2	2	W
		(A=E14921)	(B=E14920)	(C=E14922)	(D=E01893)				
I	16	2	129555-59510	PIPE, FUEL	1	1	1	1	
	17	1	129255-59580	PIPE, FUEL	1	1	1	1	
I	17-1	1	129210-59130	PIPE ASSY, FUEL OIL	1	1	1	1	N
		(A=E14921)	(B=E14920)	(C=E14922)	(D=E01893)				
I	18	2	124766-59050	CLAMP 12	2	2	2	2	W
		(A=E14921)	(B=E14920)	(C=E14922)	(D=E01893)				
I	19	2	105025-59750	PIPE, FUEL OIL	1	1	1	1	W
		(A=E14921)	(B=E14920)	(C=E14922)	(D=E01893)				

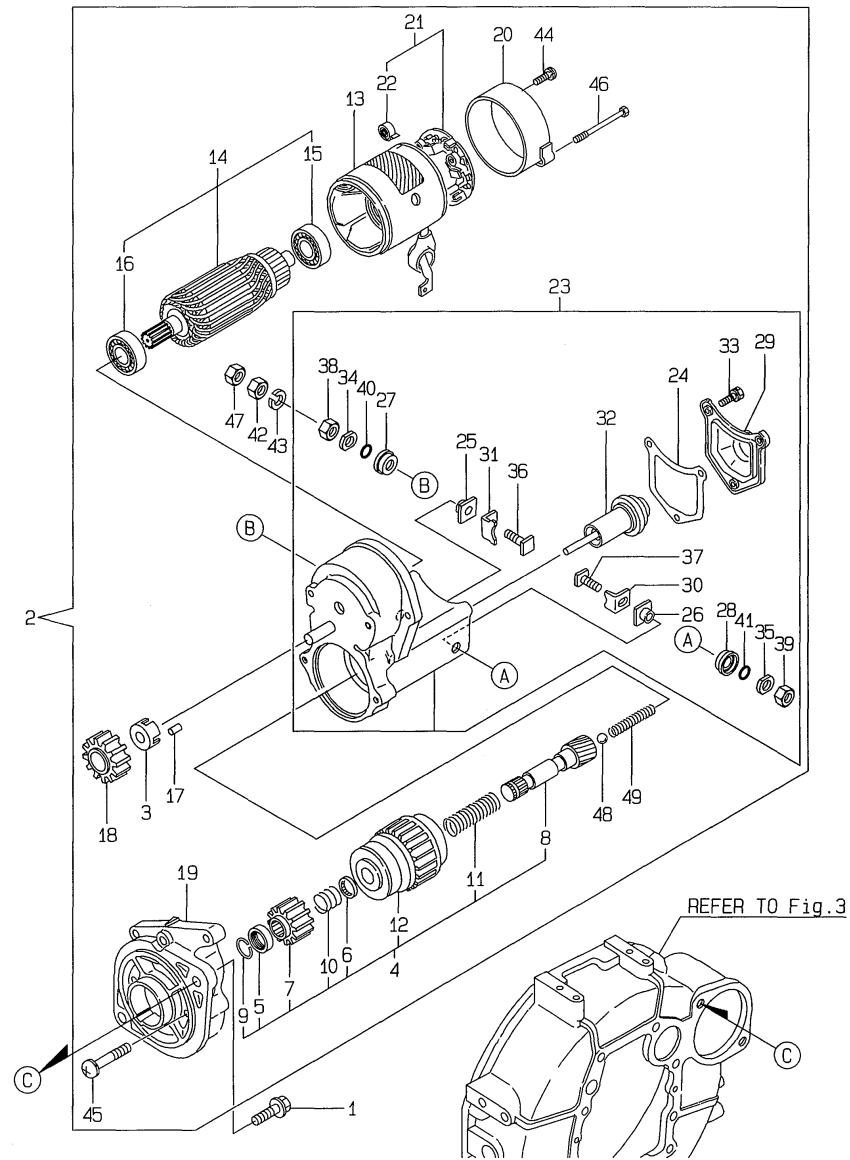
Fig.17. ENGINE CONTROL DEVICE



(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119888-66120	LINK, GOVERNOR	1		1					
2	1	119888-66150	LINK, CONTROL		1		1				
3	1	26756-050002	LOCK NUT M 5 PLATED	3	3	3	3				
I 3A	1	119888-66160 (A=E15122) (B=E15156) (C=E15132) (D=E01893)	CONTROL DEVICE	1	1	1	1				W
I 4	2	126650-66020	HANDLE, REGULATOR	1	1	1	1				
I 5	2	119888-66110	BRACKET	1	1	1	1				
I 6	2	119888-66130	PIVOT	1	1	1	1				
I 7	2	171048-67010	REGULATOR ASSY	1	1	1	1				
I 8	3	171102-66080	SPACER	1	1	1	1				
I 9	3	104200-66820	SPRING	1	1	1	1				
I 10	3	104200-66830	PLATE, FRICTION	2	2	2	2				
I 11	3	104200-66850	WASHER (B)	1	1	1	1				
I 12	3	104200-66860	NUT	1	1	1	1				
I 13	3	171085-67100	BRACKET, GEAR	1	1	1	1				
I 14	3	171085-67110	SHAFT, DRIVING	1	1	1	1				
I 15	3	171085-67120	GEAR	1	1	1	1				
I 16	3	171048-67130	LEVER	1	1	1	1				
I 17	3	171048-67140	STOPPER	1	1	1	1				
I 18	3	22351-020006	SPRING PIN 2X 6	1	1	1	1				
I 19	3	22411-200150	COTTER PIN 2.0X15	1	1	1	1				
I 20	3	26116-060082	BOLT 6X8	1	1	1	1				
I 21	3	26921-050122	SCREW M 5X 12	1	1	1	1				
I 22	2	170064-67210	LABEL, HANDLE	1	1	1	1				
I 23	2	22117-100000	WASHER 10	1	1	1	1				
I 23-1	2	22137-100000 (A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)	WASHER 10,POLISHED	1	1	1	1				N
I 24	2	22217-100000	SPRING WASHER 10	1	1	1	1				
I 25	2	22272-000050	CIRCLIP E- 5	1	1	1	1				
I 26	2	26106-060102	BOLT M 6X 10 PLATED	2	2	2	2				
I 27	2	26657-100002	CAP NUT M10	1	1	1	1				
I 27A	2	22117-060000 (A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)	WASHER 6	1	1	1	1				W
28	1	26106-080162	BOLT M 8X 16 PLATED	2	2	2	2				

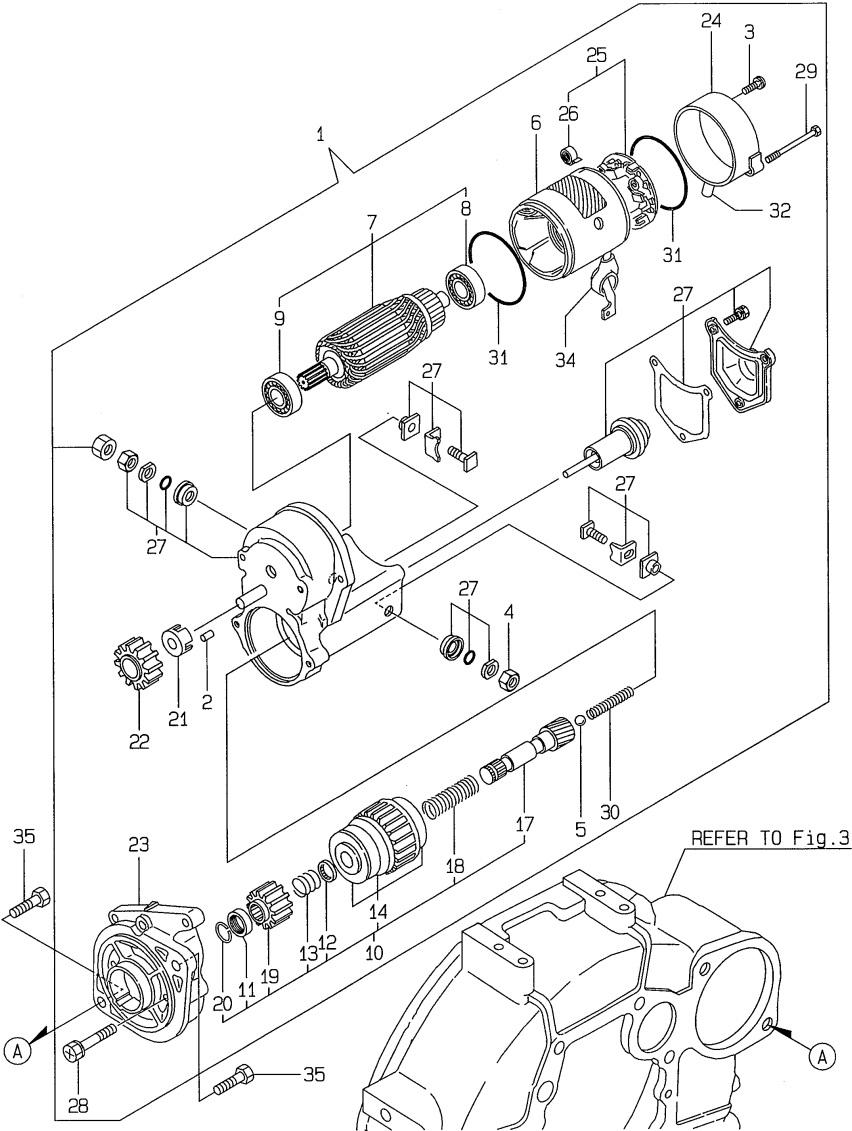
Fig.18. STARTING MOTOR



(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26116-120252	BOLT M12X 25 PLATED	2	2	2	2				
2	1	124520-77011	STARTER	1	1	1	1				
3	2	X0280630011	RETAINER	1	1	1	1				
4	2	X0280992761	CLUTCH KIT	1	1	1	1				
5	3	X0280210230	NUT	1	1	1	1				
6	3	X0283270140	RETAINER	1	1	1	1				
7	3	X0283712350	PINION, STARTER	1	1	1	1				
8	3	X0283810040	SHAFT	1	1	1	1				
9	3	X9490721080	RING	1	1	1	1				
10	3	X9491703371	SPRING, COIL	1	1	1	1				
11	3	X9491704260	SPRING	1	1	1	1				
12	3	121120-77930	CLUTCH ASSY, STARTER	1	1	1	1				
13	2	X0281003751	YOKE ASSY	1	1	1	1				
14	2	X0282001531	ARMATURE ASSY	1	1	1	1				
15	3	X9491001360	BEARING	1	1	1	1				
16	3	X9491001860	BALL BEARING	1	1	1	1				
17	2	X0283060061	ROLLER	5	5	5	5				
18	2	X0283711420	PINION	1	1	1	1				
19	2	X0284004910	HOUSING, STARTER	1	1	1	1				
20	2	X0285040631	FRAME ASSY	1	1	1	1				
21	2	X0285100460	HOLDER ASSY, BRUSH	1	1	1	1				
22	3	X9491730461	SPRING	4	4	4	4				
23	2	X0534006460	SWITCH, MAGNETIC	1	1	1	1				
24	3	X0534040320	GASKET	1	1	1	1				
25	3	X0534490120	BUSH	1	1	1	1				
26	3	X0534490120	BUSH	1	1	1	1				
27	3	X0534490230	BUSH	1	1	1	1				
28	3	X0534490230	BUSH	1	1	1	1				
29	3	X0535050620	COVER	1	1	1	1				
30	3	X0535130241	PLATE (B)	1	1	1	1				
31	3	X0535130320	PLATE (A)	1	1	1	1				
32	3	X0536600401	PLUNGER	1	1	1	1				
33	3	X9151005141	BOLT W/WASHER	3	3	3	3				
34	3	X9490170900	WASHER	1	1	1	1				
35	3	X9490170900	WASHER	1	1	1	1				
36	3	X9490441303	BOLT	1	1	1	1				
37	3	X9490441312	BOLT	1	1	1	1				
38	3	X9490502820	NUT	1	1	1	1				
39	3	X9490502820	NUT	1	1	1	1				
40	3	X9491402100	O-RING	1	1	1	1				
41	3	X9491402100	O-RING	1	1	1	1				
42	2	X9019008651	NUT	1	1	1	1				
43	2	X9025808001	WASHER	1	1	1	1				
44	2	X9490071810	SCREW W/WASHER	2	2	2	2				
45	2	X9490071970	SCREW W/WASHER	2	2	2	2				
46	2	X9490423330	BOLT W/WASHER	2	2	2	2				
47	2	X9490561370	NUT	1	1	1	1				
48	2	X9491200240	BALL	1	1	1	1				
49	2	X9491703380	SPRING	1	1	1	1				

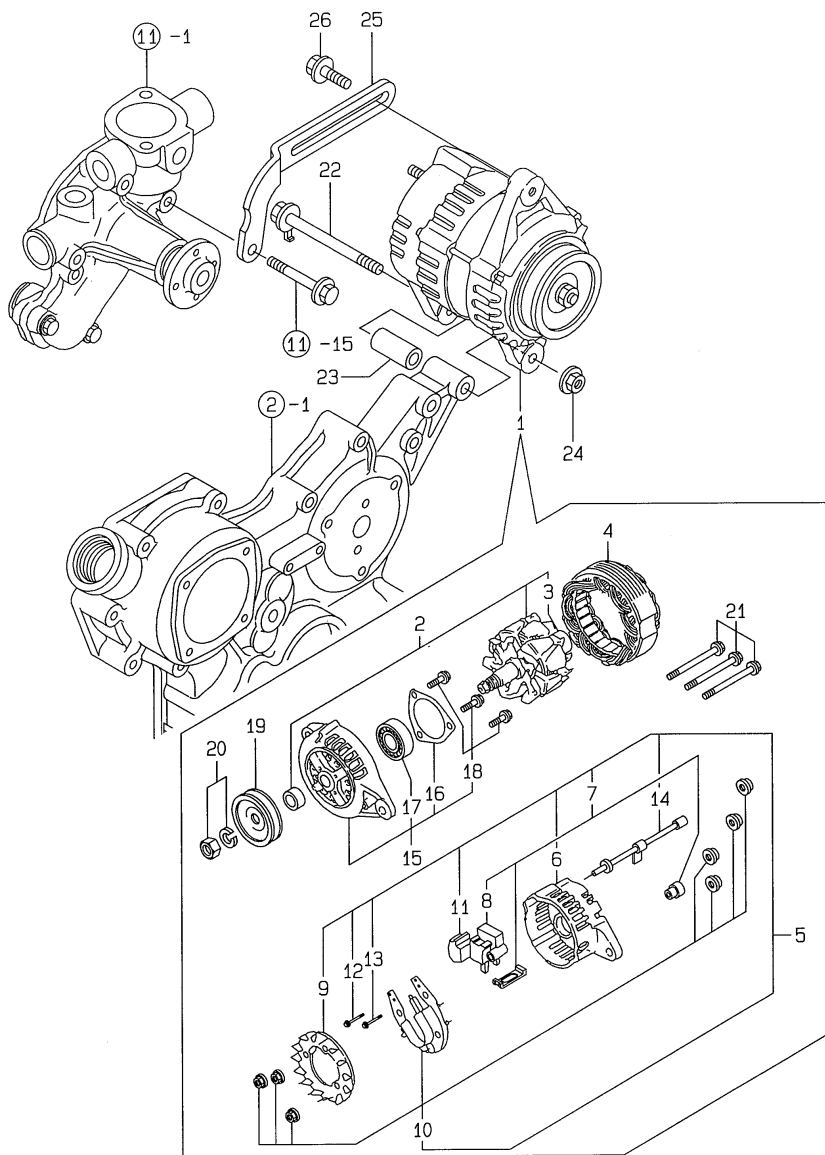
Fig.19. STARTING MOTOR(COLD DISTRICT)



OCR10-G44901 19. STARTING MOTOR(COLD DISTRICT)

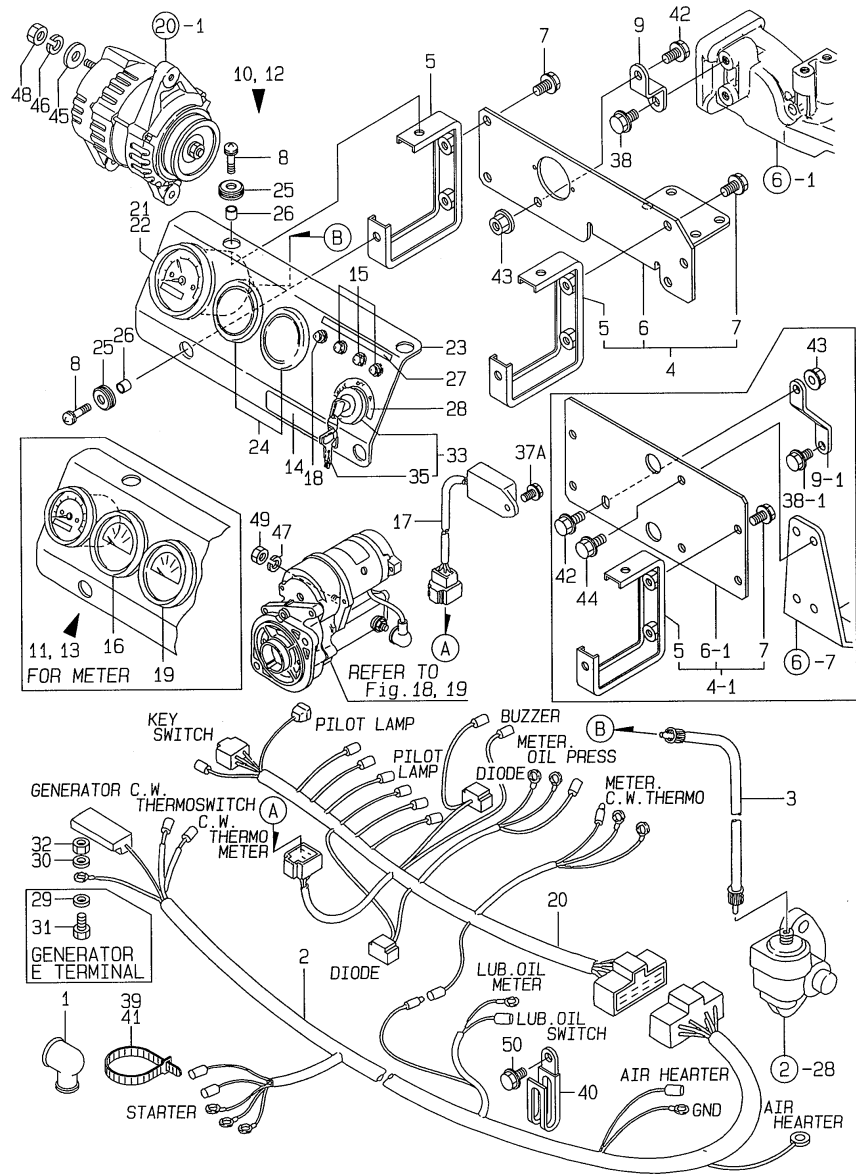
(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

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				
2	2	X0283060061	ROLLER	5	5	5	5				
3	2	X0289030010	SCREW	2	2	2	2				
I	3-1	2 129129-77460	SCREW	2	2	2	2				R
		(A=E12915) (B=E12951) (C=E12840) (D=E01796)									
4	2	X9490561370	NUT	1	1	1	1				
5	2	X9491200240	BALL	1	1	1	1				
6	2	129129-77210	YOKE ASSY	1	1	1	1				
7	2	129129-77220	ARMATURE ASSY	1	1	1	1				
8	3	129129-77230	BEARING	1	1	1	1				
9	3	129129-77240	BEARING	1	1	1	1				
10	2	129129-77250	STARTER ASSY	1	1	1	1				
11	3	X0280210230	NUT	1	1	1	1				
12	3	X0283270140	RETAINER	1	1	1	1				
13	3	X9491703371	SPRING, COIL	1	1	1	1				
14	3	129129-77390	CLUTCH ASSY, STARTER	1	1	1	1				
17	3	129129-77400	SHAFT	1	1	1	1				
18	3	129129-77410	SPRING, COIL	1	1	1	1				
19	3	129129-77420	PINION	1	1	1	1				
20	3	129129-77430	RING	1	1	1	1				
21	2	129129-77260	RETAINER	1	1	1	1				
22	2	129129-77270	PINION	1	1	1	1				
23	2	129129-77280	HOUSING	1	1	1	1				
24	2	129129-77290	FRAME	1	1	1	1				
25	2	129129-77300	HOLDER ASSY	1	1	1	1				
26	3	X9491730461	SPRING	4	4	4	4				
27	2	129129-77310	SWITCH ASSY	1	1	1	1				
28	2	129129-77320	BOLT	2	2	2	2				
29	2	129129-77330	BOLT	2	2	2	2				
30	2	129129-77340	SPRING	1	1	1	1				
31	2	129129-77350	O-RING	2	2	2	2				
32	2	129129-77361	BUSH, DRAIN	1	1	1	1				
I	32-1	2 129129-77362	COVER	1	1	1	1				R
		(A=E12915) (B=E12951) (C=E12840) (D=E01796)									
34	2	129129-77380	CAP	1	1	1	1				
35	1	26116-120252	BOLT M12X 25 PLATED	2	2	2	2				



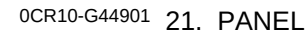
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
	1	119836-77200	GENERATOR	1	1	1	1				
	2	119836-77700	ROTOR ASSY	1	1	1	1				
	3	119836-77850	BALL BEARING	1	1	1	1				
	4	119836-77710	STATOR ASSY	1	1	1	1				
	5	119836-77721	COVER ASSY, REAR	1	1	1	1				
	6	119836-77730	COVER, REAR	1	1	1	1				
	7	119836-77741	BRUSH ASSY,REGULATOR	1	1	1	1				
	8	119836-77750	BRUSH ASSY	1	1	1	1				
	9	119836-77760	GUIDE, FAN SIDE	1	1	1	1				
	10	119836-77770	DIODE ASSY	1	1	1	1				
	11	119836-77780	CONDENSER	1	1	1	1				
	12	119836-77871	BOLT (1)	1	1	1	1				
	13	119836-77880	BOLT (2)	1	1	1	1				
	14	119836-77890	WIRE ASSY, LEAD	1	1	1	1				
	15	119836-77790	COVER ASSY, FRONT	1	1	1	1				
	16	119836-77800	RETAINER, BEARING	1	1	1	1				
	17	119836-77840	BALL BEARING	1	1	1	1				
	18	119836-77860	SCREW KID	1	1	1	1				
	19	119836-77810	PULLEY	1	1	1	1				
	20	119836-77820	NUT ASSY, PULLEY	1	1	1	1				
	21	119836-77830	BOLT, THROUGH	1	1	1	1				
	22	129136-77250	BOLT M 8X105	1	1	1	1				
I	22-1	129136-77251	BOLT M 8X110	1	1	1	1				N
		(A=E14548)	(B=E14653)	(C=E14549)	(D=E01873)						
	23	119820-77340	SPACER	1	1	1	1				
	24	26366-080002	NUT M 8	1	1	1	1				
	25	129100-77330	ADJUSTER	1	1	1	1				
	26	26014-080252	BOLT M 8X 25	1	1	1	1				
I	26-1	119810-77340	BOLT	1	1	1	1				N
		(A=E14548)	(B=E14653)	(C=E14549)	(D=E01873)						

Fig.21. PANEL



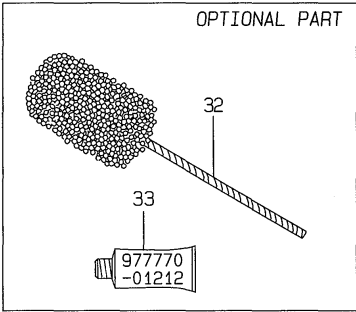
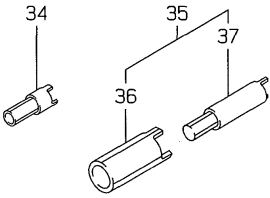
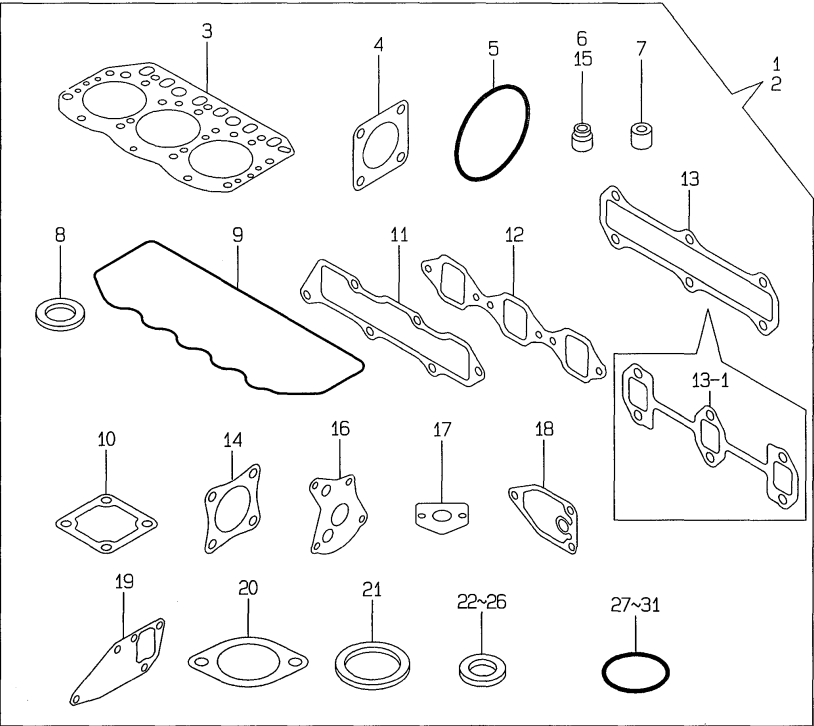
(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124550-77030	COVER, TERMINAL	1	1	1	1				
2	1	119888-91022	HARNESS(A), WIRE	1	1	1	1				
3	1	124701-91140	CABLE L= 985	1	1	1	1				
4	1	119888-91150	BRACKET ASSY, PANEL	1	1	1					
I 4-1	1	129608-91150	BRACKET ASSY, PANEL	1	1	1	1			N	
		(A=E10184) (B=E10615) (C=E10201)									
I 4-2	1	129608-91151	BRACKET ASSY, PANEL	1	1	1	1			N	
		(A=E12915) (B=E12951) (C=E12582) (D=E01796)									
5	2	119888-91120	SUPPORT, PANEL	2	2	2	2				
6	2	119888-91130	BRACKET, PANEL	1	1	1					
I 6-1	2	129608-91130	BRACKET, PANEL	1	1	1	1			N	
		(A=E10184) (B=E10615) (C=E10201)									
I 6-2	2	129608-91131	BRACKET, PANEL	1	1	1	1			N	
		(A=E12915) (B=E12951) (C=E12582) (D=E01796)									
7	2	26106-080122	BOLT M 8X 12 PLATED	4	4	4	4				
8	1	26033-060202	SCREW M 6X 20	4	4	4	4				
9	1	119888-91141	STAY, INSTRU. PANEL	1	1	1					
I 9-1	1	129608-91140	STAY, INSTRU. PANEL	1	1	1	1			N	
		(A=E10184) (B=E10615) (C=E10201)									
10	1	119888-91101	PANEL ASSY, INSTRUM	1		1					1
11	1	119888-91201	PANEL ASSY, INSTRUM	1		1					
12	1	119888-91301	PANEL ASSY, INSTRUM		1		1				
13	1	119888-91311	PANEL ASSY, INSTRUM		1		1				1
14	2	104507-07190	LABEL, YANMAR	1	1	1	1				
15	2	124732-77720	LAMP, CHARGING	3	3	3	3				
16	2	171010-77850	THERMOMETER, C.W.	1	1	1	1				
17	2	128300-77920	TIMER	1	1	1	1				
18	2	124559-77971	LAMP, PILOT	1	1	1	1				
19	2	171090-91010	GAUGE, PRESSURE	1	1	1	1				
20	2	119888-91031	HARNESS (B), WIRE	1	1	1	1				
21	2	171080-91100	TACHOMETER	1		1					
22	2	171082-91100	TACHOMETER		1		1				
23	2	119888-91110	BODY	1	1	1	1				
24	2	124770-91220	COVER 52	2	2	2	2				
25	2	121400-91520	ABSORBER	4	4	4	4				
26	2	121400-91530	SPACER	4	4	4	4				
27	2	119888-91610	LABEL, CW & OIL LAMP	1	1	1	1				
28	2	119888-91620	LABEL, KEY SWITCH	1	1	1	1				
29	2	22117-050000	WASHER 5	1		1					
30	2	22117-050000	WASHER 5	1		1					
31	2	26116-050102	BOLT M 5X 10 PLATED	1		1					
32	2	26716-050002	NUT M 5	1		1					
33	2	933110-00100	SWITCH ASSY, STARTER	1	1	1	1				
35	3	933110-00301	KEY ASSY	1	1	1	1				
I 37A	2	26106-060102	BOLT M 6X 10 PLATED	1	1	1	1			W	
		(A=E10184) (B=E10615) (C=E10201)									
38	1	26106-080122	BOLT M 8X 12 PLATED	1	1	1					
I 38-1	1	26106-080162	BOLT M 8X 16 PLATED	1	1	1	1			N	
		(A=E10184) (B=E10615) (C=E10201)									
39	1	121750-59890	CLAMP 140	1	1	1	1				
40	1	194180-51640	CLAMP, WIRE HARNESS	1	1	1	1				

[illegible]

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

Fig.22. GASKET SET



(A)=3TNE78A-SA
(B)=3TNE78A-G1A
(C)=3TNE78A-G2A
(D)=3TNE78AC-G1A
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719822-92600	GASKET SET(NON-ASB.)	1	1		1				1
2	1	719822-92610	GASKET SET(NON-ASB.)			1					1
3	2	119818-01330	GASKET, CYL. HEAD	1	1	1	1				
4	2	124240-01883	GASKET, (NON-ASB.)	1	1	1	1				
5	2	121850-51960	O-RING, F.I.PUMP	1	1	1	1				
6	2	124160-11340	SEAL, VALVE STEM	3	3	3	3				
7	2	119625-11871	PROTECTOR, NOZZLE	3	3	3	3				
I 7-1	2	119625-11870	PROTECTOR, NOZZLE	3	3	3	3				N
		(A=E10184) (B=E10615) (C=E10201) (D=E00973)									
8	2	119625-11880	SEAT, NOZZLE	3	3	3	3				
9	2	119865-11310	GASKET, BONNET	1	1	1	1				
10	2	129150-77511	GASKET, (NON-ASB.)	1	1	1	1				
11	2	119813-12110	GASKET,INT. MANIFOLD	1	1		1				
12	2	119810-12111	GASKET, (NON-ASB.)			1					
13	2	119813-13110	GASKET, EXH.MANIFOLD	1	1	1	1				
I 13-1	2	119810-13110	GASKET, EXH.MANIFOLD			1					S
		(C=FROM 1ST)									
14	2	121000-13201	GASKET, SILENCER	1	1	1	1				
15	2	124950-11340	SEAL, VALVE STEM	3	3	3	3				
16	2	129150-32020	GASKET, L.O. PUMP	1	1	1	1				
17	2	129150-35041	GASKET, (NON-ASB.)	1	1	1	1				
18	2	129150-35111	GASKET, (NON-ASB.)	1	1	1	1				
19	2	129150-42020	GASKET, C.W. PUMP	1	1	1	1				
20	2	129795-49551	GASKET, (NON-ASB.)	1	1	1	1				
21	2	129150-49811	GASKET, (NON-ASB.)	1	1	1	1				
22	2	104200-59170	GASKET 12	2	2	2	2				
I 22-1	2	22190-120002	SEAL WASHER 12	2	2	2	2				N
		(A=E10184) (B=E10615) (C=E10201) (D=E00973)									
23	2	22190-080002	SEAL WASHER 8S	5	5	5	5				
24	2	129150-49360	GASKET 10	1	1	1	1				
25	2	23414-120000	GASKET 12, ROUND	2	2	2	2				
26	2	124465-44950	GASKET 16	2	2	2	2				
27	2	24311-000120	O-RING 1A P 12.0	3	3	3	3				
28	2	24311-000160	O-RING 1A P-16.0	2	2	2	2				
29	2	24311-000320	O-RING 1A P-32.0	2	2	2	2				
30	2	24341-000240	O-RING 1A S-24.0	1	1	1	1				
31	2	24341-000500	O-RING 1A S-50.0	1	1	1	1				
32	1	129400-92420	FLEX HORN	1	1	1	1				1
33	1	977770-01212	GASKET, LIQUID	1	1	1	1				1
I 34	1	119621-99100	TOOL,CARB HIGH IDLE				1				W
		(D=E10184)									
I 35	1	119621-99400	TOOL ASSY,CARB FUEL				1				W
		(D=E10184)									
I 36	2	119621-99200	TOOL,CARB FUEL LIMIT				1				W
		(D=E10184)									
I 37	2	119621-99300	TOOL,CARB FUEL LIMIT				1				W
		(D=E10184)									