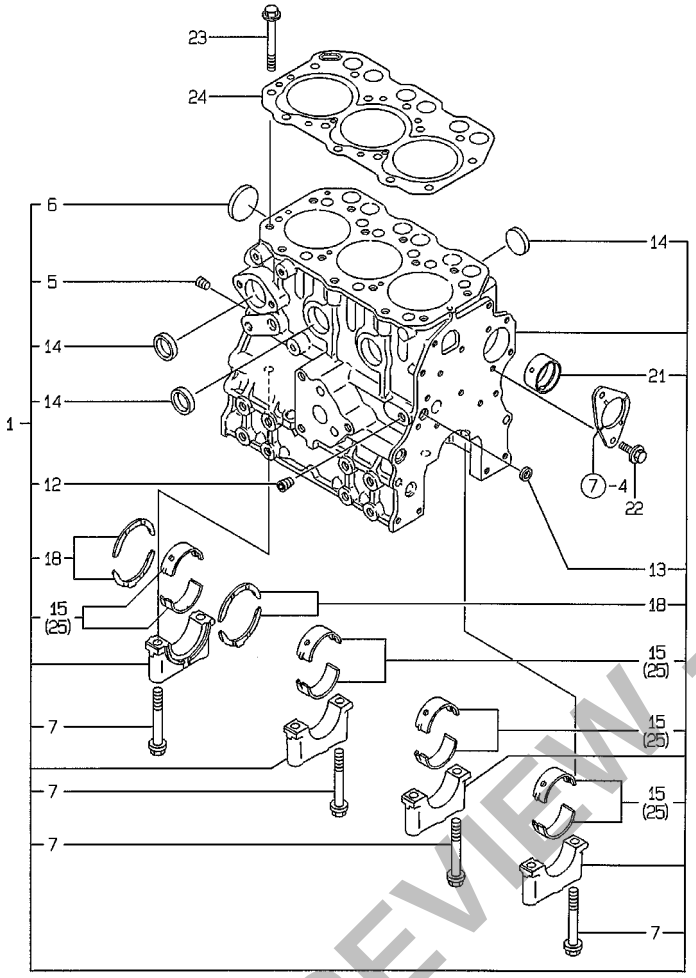
Fig.1. CYLINDER BLOCK



Remarks
(1)UNDER-SIZE(U.S=0.25)PART.

 1. CYLINDER BLOCK

(A)=3TNE74-SA (D)=3TNE74C(E)SA
(B)=3TNE74-G1A (E)=3TNE74C(E)G1
(C)=3TNE74-G2A01 (F)=

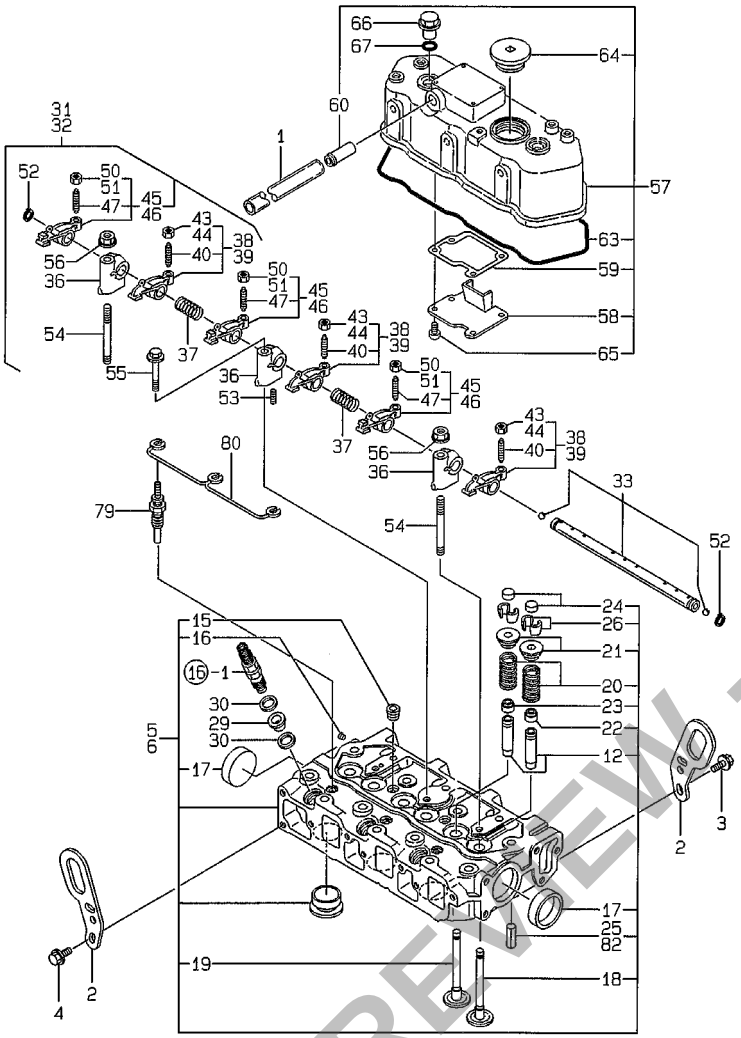
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719623-01560	BLOCK ASSY, CYLINDER	1	1	1	1	1			
5	2	119600-01050	PLUG PT1/4	1	1	1	1	1			
6	2	27231-450000	PLUG 45	1	1	1	1	1			
6-1	2	119623-01250	PLUG 45	1	1	1	1	1		N	
	(A=EXXX)	(B=EXXX)	(C=EXXX) (D=EXXX)			(E=EXXX)					
7	2	119620-02020	BOLT	8	8	8	8	8			
12	2	23871-010000	PLUG PT1/8,SCREW	1	1	1	1	1			
12-1	2	23876-010000	PLUG PT1/8,SCREW	1	1	1	1	1		N	
	(A=EXXX)	(B=EXXX)	(C=EXXX) (D=EXXX)			(E=EXXX)					
13	2	27241-120000	PLUG 12	1	1	1	1	1			
14	2	27241-300000	PLUG 30	6	6	6	6	6			
15	2	719620-02800	MAIN BEARING	4	4	4	4	4			
18	2	719620-02930	BEARING, THRUST	2	2	2	2	2			
21	2	119624-02410	BUSH	1	1	1	1	1			
22	1	26106-060122	BOLT M 6X 12 PLATED	2	2	2	2	2			
23	1	119620-01200	BOLT, CYLINDER HEAD	14	14	14	14	14			
24	1	119623-01330	GASKET, CYL. HEAD	1	1	1	1	1			
24-1	1	119623-01340	GASKET, CYL. HEAD	1	1	1	1	1		R	
	(A=E62646)	(B=E63875)	(C=E62793) (D=E62785)			(E=E62734)					
25	1	719620-02870	MAIN BEARING US=0.25	4	4	4	4	4			1

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Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

4. CYLINDER HEAD & BONNET

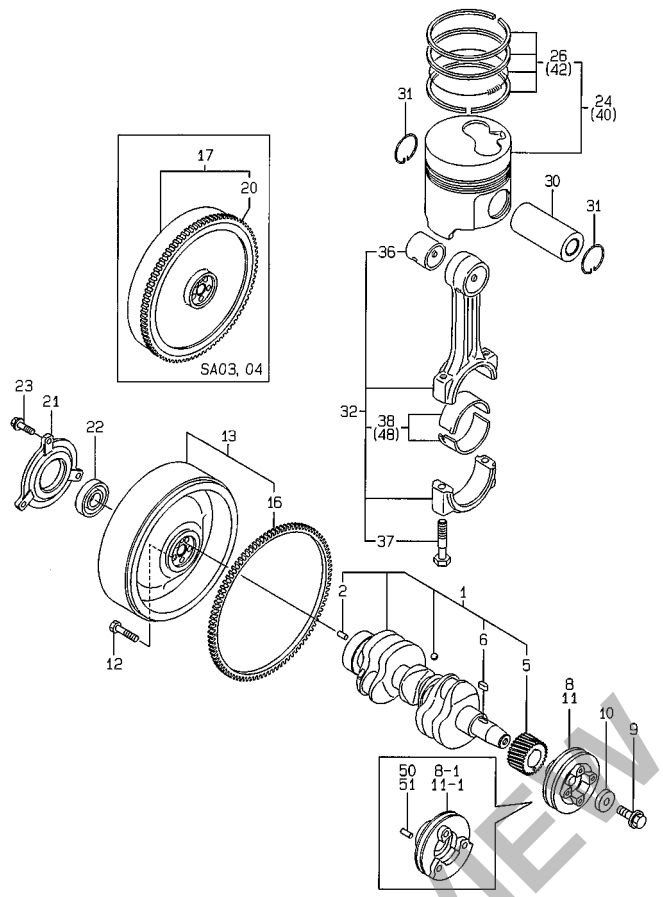
(A)=3TNE74-SA (D)=3TNE74C(E)SA
(B)=3TNE74-G1A (E)=3TNE74C(E)G1
(C)=3TNE74-G2A01 (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	23065-120500	PIPE, VINYL 12X 500	1	1	1	1	1			
2	1	119260-07900	LIFTER, ENGINE	2	2	2	2	2			
3	1	26106-080142	BOLT M 8X 14 PLATED	1	1	1	1	1			
4	1	26106-080142	BOLT M 8X 14 PLATED	2	2	2	2	2			
5	1	719623-11710	HEAD ASSY, CYLINDER			1					
6	1	719623-11700	HEAD ASSY, CYLINDER	1	1		1	1			
12	2	119620-11801	GUIDE, VALVE	6	6	6	6	6			1
15	2	23871-020000	PLUG PT1/4,SCREW	2	2	2	2	2			
15-1	2	23876-020000	PLUG 1/4	2	2	2	2	2			N
	(A=EXXX)	(B=EXXX)	(C=EXXX) (D=EXXX)					(E=EXXX)			
16	2	27221-050080	PLUG 5X 8	1	1	1	1	1			
17	2	27241-400000	PLUG 40	2	2	2	2	2			
18	2	119623-11100	VALVE, INTAKE	3	3	3	3	3			
19	2	119620-11110	VALVE, EXHAUST	3	3	3	3	3			
20	2	119620-11120	SPRING, VALVE	6	6	6	6	6			
21	2	119620-11180	RETAINER, SPRING	6	6	6	6	6			
22	2	124160-11340	SEAL, VALVE STEM	3	3	3	3	3			
23	2	124950-11340	SEAL, VALVE STEM	3	3	3	3	3			
24	2	104211-11370	CAP, VALVE	6	6	6	6	6			
25	2	22351-060012	SPRING PIN 6X12	2	2		2	2			
26	2	27310-070000	COTTER 7	6	6	6	6	6			
29	1	119600-11450	PROTECTOR, NOZZLE	3	3	3	3	3			
30	1	119600-11460	GASKET, NOZZLE	6	6	6	6	6			
31	1	119620-11200	SUPPORT ASSY, ARM	1		1	1				
32	1	119789-11200	SUPPORT ASSY, ARM		1			1			
33	2	119620-11240	SHAFT ASSY, ROCKER	1	1	1	1	1			
36	2	119620-11260	SUPPORT, ROCKER ARM	3	3	3	3	3			
37	2	119620-11280	SPRING	2	2	2	2	2			
38	2	719620-11650	ARM ASSY, ROCKER	3		3	3				
39	2	719789-11650	ARM ASSY, ROCKER		3			3			
40	3	105010-11230	SCREW, VALVE	3	3	3	3	3			
43	3	26856-060002	LOCK NUT 6	3		3	3				
44	3	26756-060002	LOCK NUT 6		3			3			
45	2	719620-11660	ARM ASSY, ROCKER	3		3	3				
46	2	719789-11660	ARM ASSY, ROCKER		3			3			
47	3	105010-11230	SCREW, VALVE	3	3	3	3	3			
50	3	26856-060002	LOCK NUT 6	3		3	3				
51	3	26756-060002	LOCK NUT 6		3			3			
52	2	22242-000120	CIRCLIP 12	2	2	2	2	2			
53	2	26979-050162	SCREW M 5X16	1	1	1	1	1			
54	1	119620-11350	STUD	2	2	2	2	2			
55	1	26106-080452	BOLT M 8X 45 PLATED	1	1	1	1	1			
56	1	26366-080002	NUT M 8	2	2	2	2	2			
56-1	1	26306-080002	NUT	2	2	2	2	2			N
	(A=EXXX)	(B=EXXX)	(C=EXXX) (D=EXXX)					(E=EXXX)			
57	1	119657-11350	BONNET ASSY	1	1	1	1	1			
57-1	1	119657-11351	BONNET ASSY	1	1	1	1	1			N
	(A=E62751)	(B=E63875)	(C=E62783) (D=E62785)					(E=E62767)			
58	2	119620-03020	PLATE, SHELTER	1	1	1	1	1			
59	2	119620-03031	GASKET, (NON-ASB.)	1	1	1	1	1			
60	2	118400-03060	JOINT, BREATHER	1	1	1	1	1			
63	2	119620-11310	GASKET, BONNET	1	1	1	1	1			
64	2	119807-11770	CAP, LUB.OIL SUPPLY	1	1	1	1	1			
65	2	22857-500100	SCREW 5X10,TAPPING	4	4	4	4	4			

++ CONTINUE ++

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Fig.8. CRANKSHAFT & PISTON



Remarks
(1) FOR 3TNE74-SA01,SA02.
REF.NO.8-1& 13-1 INTERCHANGEABLE
BY SET.
(2) FOR 3TNE74-SA03,SA04.
REF.NO.11-1& 17-1 INTERCHANGEABLE
BY SET.
(3) REPAIR PART.
(4) OVER-SIZE(O.S=0.25)PART.
(5) UNDER-SIZE(U.S=0.25)PART.

8. CRANKSHAFT & PISTON

(A)=3TNE74-SA (D)=3TNE74C(E)SA
(B)=3TNE74-G1A (E)=3TNE74C(E)G1
(C)=3TNE74-G2A01 (F)=

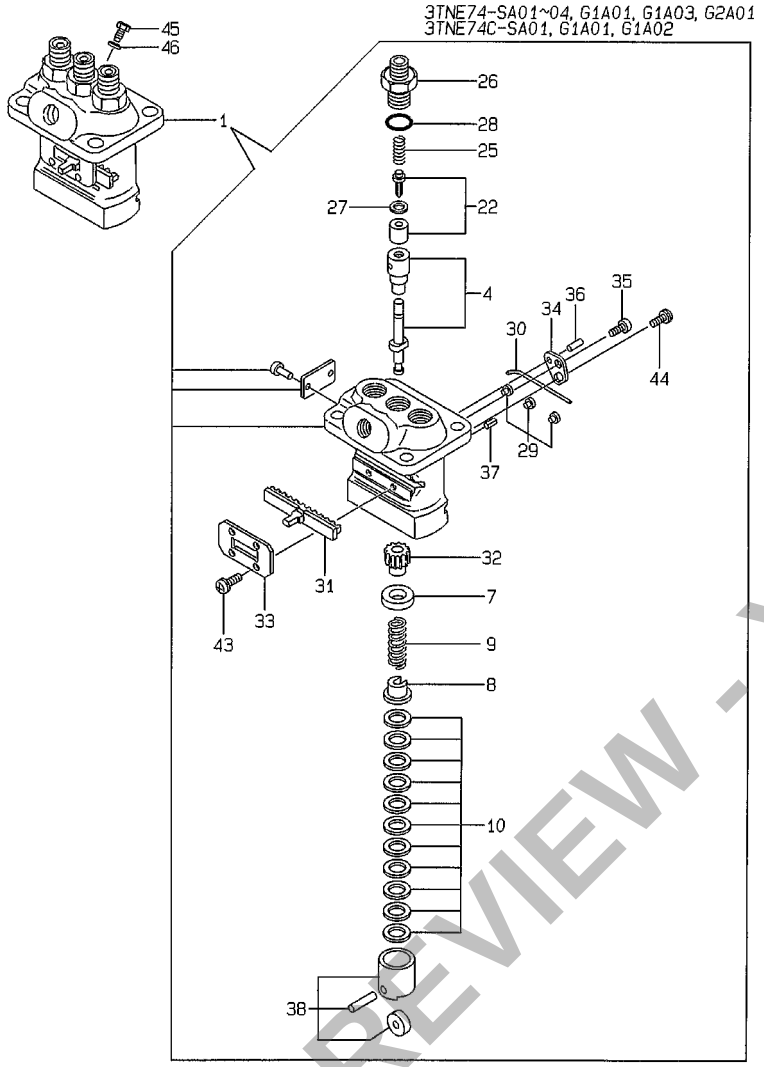
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119623-21700	CRANKSHAFT ASSY	1	1	1	1	1			
2	2	129100-01580	PARALLEL PIN 8X16	1	1	1	1	1			
5	2	119644-21200	CRANKGEAR	1	1	1	1	1			
6	2	22512-040120	KEY 4X 12	1	1	1	1	1			
8	1	119660-21651	V-PULLEY	1	1	1	1	1			1
8-1	1	119653-21660	V-PULLEY	1	1	1	1	1		F	1
	(A=E64652)	(B=E64922)	(C=E64409) (D=E70159)				(E=E63470)				
9	1	119621-21680	BOLT M12X1.25,FLANGE	1	1	1	1	1			
10	1	119620-21941	WASHER	1	1	1	1	1			
11	1	119660-21651	V-PULLEY	1							2
11-1	1	119653-21660	V-PULLEY	1						F	2
	(A=E66374)										
12	1	121111-21501	BOLT, FLYWHEEL	5	5	5	5	5			
13	1	119688-21590	FLYWHEEL CMP	1	1	1	1	1			1
13-1	1	119688-21591	FLY WHEEL CMP	1	1	1	1	1		F	1
	(A=E64652)	(B=E64922)	(C=E64409) (D=E70159)				(E=E63470)				
16	2	119865-21600	GEAR, RING	1	1	1	1	1			1
17	1	119600-21580	FLYWHEEL ASSY	1							2
17-1	1	119265-21590	FLYWHEEL ASSY	1						F	2
	(A=E66374)										
20	2	119865-21600	GEAR, RING	1							2
21	1	119888-21450	RETAINER, BEARING	1			1				1
22	1	24107-062054	BALL BEARING	1			1				1
23	1	26106-080222	BOLT M 8X 22 PLATED	3			3				1
24	1	119623-22080	PISTON W/RING	3	3	3	3	3			
26	2	119623-22500	RING SET,PISTON	3	3	3	3	3			
30	1	114350-22301	PISTON PIN	3	3	3	3	3			
30-1	1	114399-22300	PISTON PIN	3	3	3	3	3		R	
	(A=E64678)	(B=E64922)	(C=E64680) (D=E70159)				(E=E63470)				
31	1	22252-000210	CIRCLIP 21	6	6	6	6	6			
32	1	719620-23100	ROD ASSY, CONNECTING	3	3	3	3	3			
36	2	119620-23910	BUSH, PISTON PIN	3	3	3	3	3			3
37	2	105225-23200	BOLT, ROD	6	6	6	6	6			
38	2	719620-23600	BEARING, CRANKPIN	3	3	3	3	3			
40	1	119623-22900	PISTON ASSY(O.S=0.25	3	3	3	3	3			4
42	2	119623-22950	RING COMP.,0.25 O.S.	3	3	3	3	3			4
48	1	719620-23610	BEARING,PIN U.S=0.25	3	3	3	3	3			5
50	1	22351-030012	SPRING PIN 3X12	1	1	1	1	1		W	1
	(A=E64652)	(B=E64922)	(C=E64409) (D=E70159)				(E=E63470)				
51	1	22351-030012	SPRING PIN 3X12	1						W	2
	(A=E66374)										

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Fig.12. FUEL INJECTION PUMP



Remarks
* FOR 3TNE74C-SA01,G1A01,G1A02.

12. FUEL INJECTION PUMP

(A)=3TNE74-SA (D)=3TNE74C(E)SA
(B)=3TNE74-G1A (E)=3TNE74C(E)G1
(C)=3TNE74-G2A01 (F)=

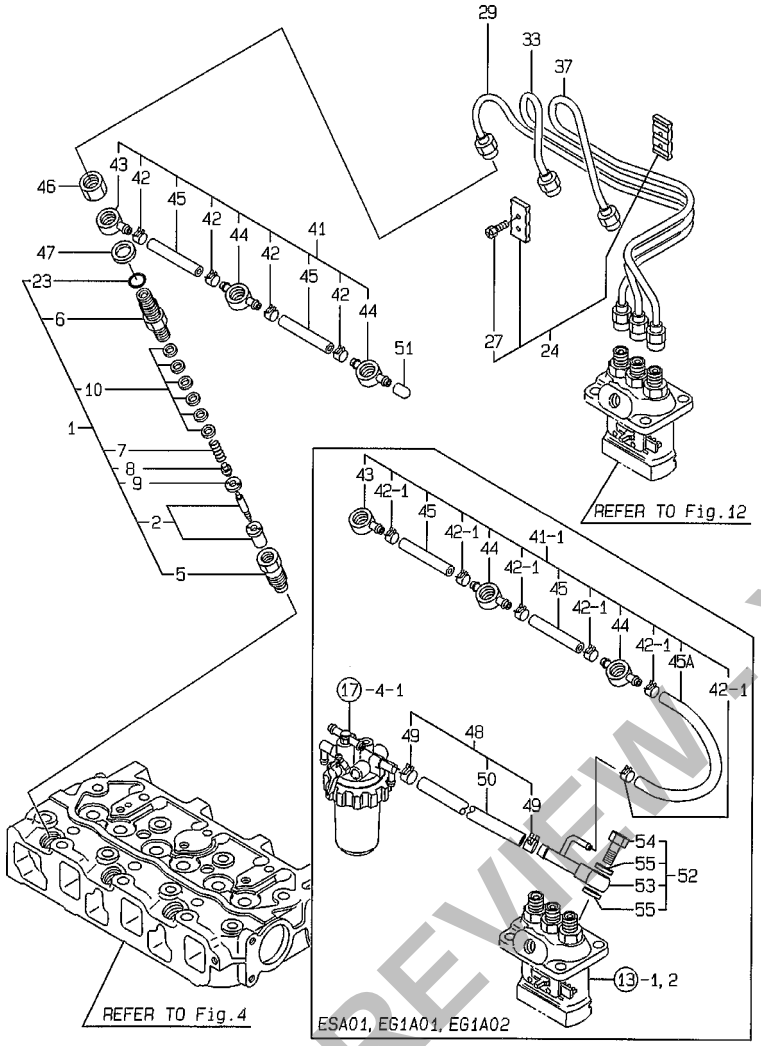
	REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
	1	1	719621-51100	PUMP ASSY, F.INJECT.	1	1	1	1	1			
I	1-1	1	719624-51100	FOP ASSY	1	1	1	1	1			N
		(A=E63904)	(B=E63875)	(C=E63804) (D=E62786)		(E=E63470)						
	4	2	119620-51101	PLUNGER W/BARREL	3	3	3	3	3			
	7	2	119620-51170	RETAINER	3	3	3	3	3			
	8	2	119620-51180	RETAINER	3	3	3	3	3			
	9	2	119620-51190	SPRING, PLUNGER	3	3	3	3	3			
	10	2	119620-51250	SHIM PACK	3	3	3	3	3			
	22	2	119620-51300	VALVE W/SEAT, DELIV.	3	3	3	3	3			
	25	2	105546-51330	SPRING, DELIV. VALVE	3	3	3	3	3			
	26	2	119620-51340	HOLDER, DELIV. VALVE	3	3	3	3	3			
	27	2	119620-51350	GASKET, DELIVERY	3	3	3	3	3			
	28	2	119620-51370	O-RING	3	3	3	3	3			
	29	2	119620-51450	GUIDE, PLUNGER	3	3	3	3	3			
	30	2	119620-51461	PIN	1	1	1	1	1			
	31	2	119660-51500	RACK	1	1	1	1	1			
	32	2	119620-51510	PINION	3	3	3	3	3			
	33	2	119660-51530	RETAINER, RACK	1	1	1	1	1			
	34	2	119620-51650	PLATE	2	2	2	2	2			
	35	2	119620-51660	SCREW	2	2	2	2	2			
	36	2	119620-51670	PIN	2	2	2	2	2			
	37	2	119620-51680	PIN	1	1	1	1	1			
	38	2	119620-51700	TAPPET ASSY	3	3	3	3	3			
	43	2	26022-040082	SCREW M 4X 8	4	4	4	4	4			
	44	2	26033-040102	SCREW M 4X 10	2	2	2	2	2			
	45	1	119266-51900	BOLT	1	1	1	1	1			W
		(A=E63904)	(B=E63875)	(C=E63804) (D=E62786)		(E=E63470)						
	46	1	22190-080002	SEAL WASHER 8S	1	1	1	1	1			W
		(A=E63904)	(B=E63875)	(C=E63804) (D=E62786)		(E=E63470)						

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Fig.16. FUEL INJECTION VALVE



Remarks
(1) FOR 3TNE74C-ESA01,EG1A01,EG1A02.
(2) FOR 3TNE74C-SA01,G1A01,G2A01.

16. FUEL INJECTION VALVE

(A)=3TNE74-SA (D)=3TNE74C(E)SA
(B)=3TNE74-G1A (E)=3TNE74C(E)G1
(C)=3TNE74-G2A01 (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719620-53700	VALVE ASSY, F.INJECT	3	3	3	3	3			
2	2	119620-53000	NOZZLE ASSY,F.INJECT	3	3	3	3	3			
5	2	119620-53080	NUT, VALVE W/CASE	3	3	3	3	3			
6	2	119620-53100	HOLDER, VALVE W/CASE	3	3	3	3	3			
7	2	119620-53120	SPRING, VALVE	3	3	3	3	3			
8	2	114250-53130	SEAT, NOZZLE SPRING	3	3	3	3	3			
9	2	119620-53140	SPACER, VALVE STOP	3	3	3	3	3			
10	2	114250-53400	SHIM PACK	3	3	3	3	3			
23	2	129155-61830	O-RING S10	3	3	3	3	3			
24	1	129150-59120	RETAINER, INJ. PIPE	1	1	1	1	1			
27	2	129150-59131	BOLT M4X14,HEX.SCKT.	2	2	2	2	2			
29	1	119620-59811	PIPE (1),FUEL INJECT	1	1	1	1	1			
33	1	119620-59821	PIPE (2),FUEL INJECT	1	1	1	1	1			
37	1	119620-59831	PIPE (3),FUEL INJECT	1	1	1	1	1			
41	1	119620-59540	PIPE ASSY, FUEL OVER	1	1	1	1	1			
41-1	1	119266-59540	PIPE ASSY, FUEL OVER				1	1		N	1
							(D=E70159)	(E=E63470)			
42	2	124066-59100	CLAMP 8	4	4	4	4	4			
42-1	2	124066-59100	CLAMP 8				6	6		K	1
							(D=E70159)	(E=E63470)			
43	2	119260-59520	JOINT (B)	1	1	1	1	1			
44	2	119260-59530	JOINT (A)	2	2	2	2	2			
45	2	105025-59550	PIPE, FUEL RETURN	2	2	2	2	2			
45A	2	119000-59560	PIPE, FUEL RETURN				1	1		W	1
							(D=E70159)	(E=E63470)			
46	1	119620-59700	NUT	3	3	3	3	3			
47	1	23414-140000	GASKET 14, ROUND	3	3	3	3	3			
47-1	1	22190-140002	SEAL WASHER 14S	3	3	3	3	3		N	
	(A=E62264)	(B=E63875)	(C=E62627)				(D=E62638)	(E=E62462)			
48	1	719225-59560	PIPE ASSY, FUEL				1	1		W	1
							(D=E70159)	(E=E63470)			
49	2	124766-59050	CLAMP 12				2	2		W	1
							(D=E70159)	(E=E63470)			
50	2	119225-59560	PIPE, FUEL OIL				1	1		W	1
							(D=E70159)	(E=E63470)			
51	1	119309-59590	CAP 4.2	1	1	1	1	1		W	2
							(D=E70159)	(E=E63470)			
52	1	119266-59501	PIPE JOINT ASSY				1	1		W	1
							(D=E70159)	(E=E63470)			
53	2	119266-59570	JOINT				1	1		W	1
							(D=E70159)	(E=E63470)			
54	2	119266-59580	BOLT 8,PIPE JOINT				1	1		W	1
							(D=E70159)	(E=E63470)			
55	2	22190-080002	SEAL WASHER 8S				2	2		W	1
							(D=E70159)	(E=E63470)			

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