PARTS CATALOGUE

RESERVDELS KATALOG

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CATALOGUE DE PIECES

YANMAR

YANMAR DIESEL ENGINE

TNV SERIES

4TNV98T-GGE



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Model : 4TNV98T-GGE

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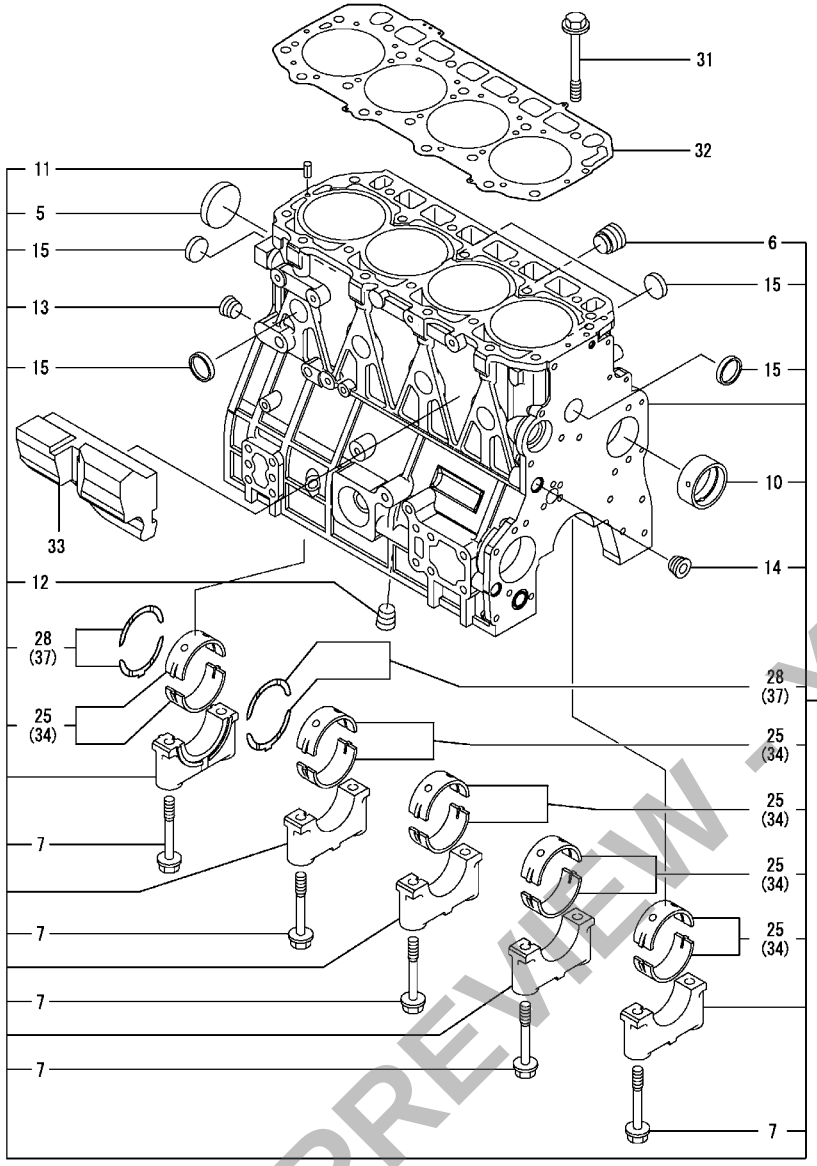
ENGINE SECTION

1. CYLINDER BLOCK
2. GEAR HOUSING 4TNV98T-NSA,NSA2
3. GEAR HOUSING 4TNV98T-GGE
4. FLYWHEEL HOUSING & OIL SUMP 4TNV98T-NSA,NSA2
5. FLYWHEEL HOUSING & OIL SUMP 4TNV98T- GGE
6. CYLINDER HEAD & BONNET
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10. TURBINE
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Fig.1. CYLINDER BLOCK



Remarks
(1) UNDER-SIZED(U.S=0.25)PART.
(2) OVER-SIZED(O.S=0.25)PART.
(3) REPAIR PART.

1. CYLINDER BLOCK

(A)=4TNV98T-NSA (D)=
(B)=4TNV98T-NSA2 (E)=
(C)=4TNV98T-GGE (F)=

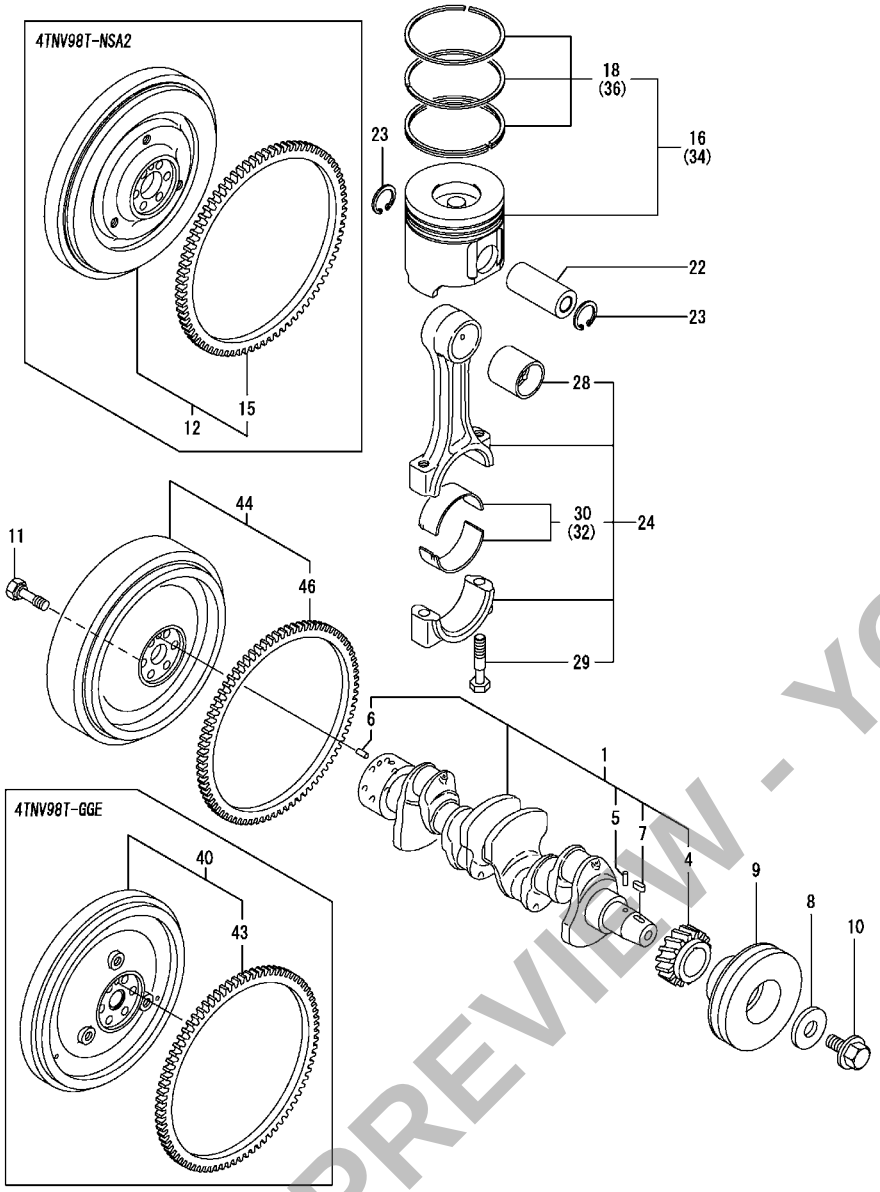
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729908-01560	BLOCK ASSY, CYLINDER	1	1	1					
5	2	129900-01250	PLUG 55	1	1	1					
6	2	171051-01921	PLUG	1	1	1					
7	2	129900-02020	BOLT, METAL CAP	10	10	10					
10	2	129900-02410	BUSH, CAMSHAFT	1	1	1					
11	2	22351-060012	SPRING PIN 6X12	2	2	2					
12	2	23876-030000	PLUG PT3/8,SCREW	1	1	1					
13	2	23876-030000	PLUG PT3/8,SCREW	1	1	1					
14	2	23876-030000	PLUG PT3/8,SCREW	1	1	1					
15	2	27241-300000	PLUG, 30	8	8	8					
25	2	729900-02800	MAIN BEARING SET	5	5	5					3
28	2	129900-02930	BEARING ASSY, THRUST	2	2	2					
31	1	129900-01200	BOLT, HEAD	18	18	18					
32	1	129907-01331	GASKET,CYLINDER HEAD	1	1	1					
33	1	129907-01190	SPACER	1	1	1					
34	1	129900-02340	MAIN BEARING US=0.25	5	5	5					1
37	1	129900-02940	BEARING,THRUST .25OS	2	2	2					2

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Fig.11. CRANKSHAFT & PISTON



Remarks
(1) REPAIR PART.
(2) UNDER-SIZE(U.S=0.25)PART.
(3) OVER-SIZE(O.S=0.25)PART.

11. CRANKSHAFT & PISTON

(A)=4TNV98T-NSA (D)=
(B)=4TNV98T-NSA2 (E)=
(C)=4TNV98T-GGE (F)=

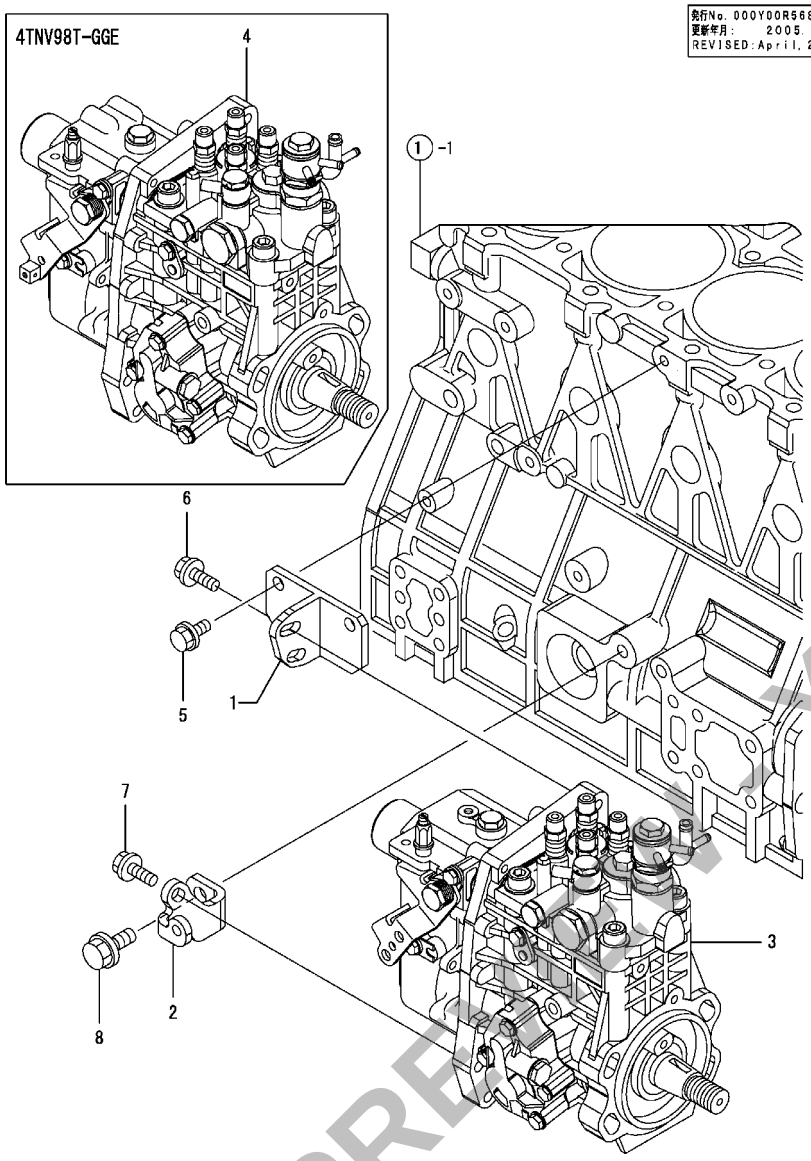
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129908-21000	CRANKSHAFT COMP	1	1	1					
4	2	129900-21200	GEAR, CRANKSHAFT	1	1	1					
5	2	121850-21290	PARALLEL PIN	1	1	1					
6	2	121850-21920	PARALLEL PIN 10X22	1	1	1					
7	2	22512-070140	KEY 7X 14	1	1	1					
8	1	129900-21640	WASHER	1	1	1					
9	1	129907-21660	V-PULLEY,CRANKSHAFT	1	1	1					
10	1	121850-21680	BOLT, V-PULLEY	1	1	1					
11	1	121850-21130	BOLT, FLYWHEEL	6	6	6					
12	1	129953-21570	FLYWHEEL ASSY		1						
15	2	129900-21600	GEAR, RING		1						
16	1	129908-22080	PISTON W/RING	4	4	4					
18	2	129907-22050	RING SET, PISTON	4	4	4					
22	1	120130-22301	PIN, PISTON	4	4	4					
23	1	22252-000300	CIRCLIP 30	8	8	8					
24	1	129900-23000	ROD ASSY, CONNECTING	4	4	4					
28	2	129900-23910	BUSH, PISTON PIN	4	4	4					1
29	2	129900-23200	BOLT, ROD	8	8	8					
30	2	129900-23600	METAL ASSY, CRANKPIN	4	4	4					
32	1	129900-23610	BEARING,PIN U.S=0.25	4	4	4					2
34	1	729908-22900	PISTON ASSY O.S=0.25	4	4	4					3
36	2	729907-22950	RING SET O.S=0.25	4	4	4					3
40	1	129920-21580	FLYWHEEL			1					
43	2	127410-21480	RING GEAR Z=129			1					
44	1	129955-21590	FLYWHEEL ASSY	1							
46	2	129900-21600	GEAR, RING	1							

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Fig.15. FUEL INJECTION PUMP



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REVISED: April, 2005

Remarks
(1) REFER TO FI.21 & 22 FOR INNER PARTS.
(2) REFER TO FI.23 & 24 FOR INNER PARTS.

(A)=4TNV98T-NSA (D)=
(B)=4TNV98T-NSA2 (E)=
(C)=4TNV98T-GGE (F)=

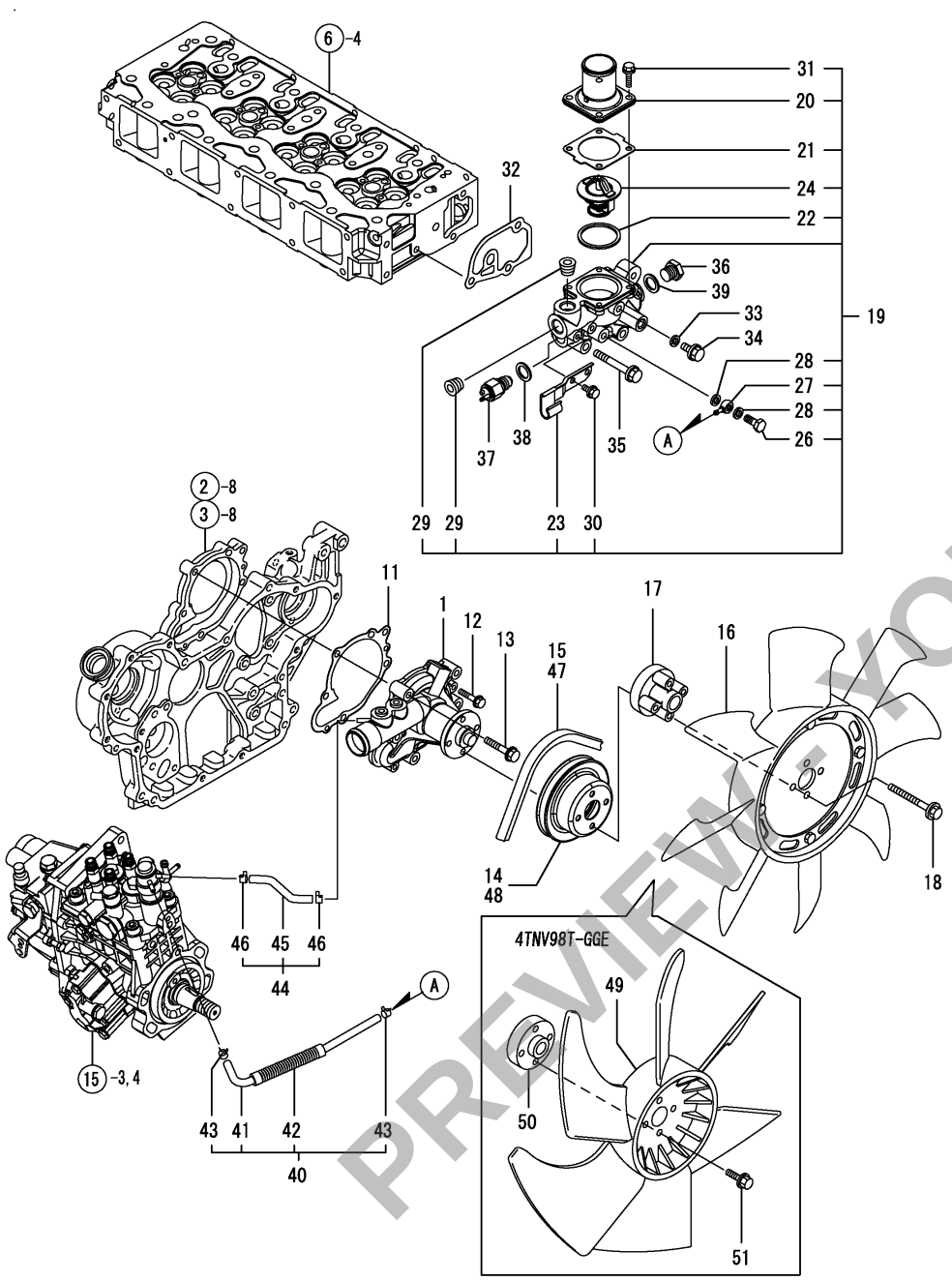
	REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
	1	1	129907-01950	RETAINER,MP4	1	1	1					
	2	1	129907-01960	RETAINER,MP4	1	1	1					
I	3	1	729908-51310	INJECTON PUMP ASSY	1	1						1
I	4	1	729937-51390	INJECTION PUMP ASSY			1					2
	5	1	26106-080162	BOLT M 8X 16 PLATED	2	2	2					
	6	1	26106-080222	BOLT M 8X 22 PLATED	2	2	2					
	7	1	26106-080222	BOLT M 8X 22 PLATED	1	1	1					
	8	1	26106-100202	BOLT M10X 20 PLATED	1	1	1					

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Fig.14. COOLING WATER SYSTEM



 14. COOLING WATER SYSTEM

(A)=4TNV98T-NSA (D)=
(B)=4TNV98T-NSA2 (E)=
(C)=4TNV98T-GGE (F)=

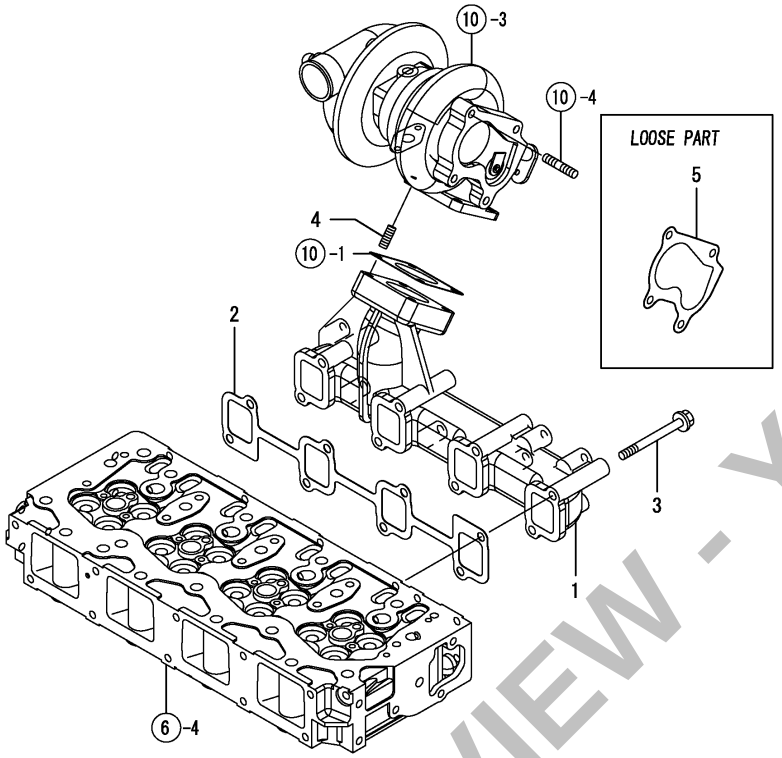
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129907-42000	PUMP ASSY, WATER	1	1	1					
11	1	129900-42020	GASKET, CW-P	1	1	1					
12	1	26106-060302	BOLT M 6X 30 PLATED	2	2	2					
13	1	26106-080552	BOLT M 8X 55 PLATED	5	5	5					
14	1	129900-42450	PULLEY	1	1						
15	1	25132-004150	V-BELT A41.5	1	1						
16	1	129920-44740	FAN, COOLING	1	1						
17	1	119141-44760	SPACER, FAN	1	1						
18	1	26106-080552	BOLT M 8X 55 PLATED	4	4						
19	1	129907-49800	CASE ASSY,THERMOSTAT	1	1	1					
20	2	129916-49530	COVER, THERMOSTAT	1	1	1					
21	2	121850-49540	GASKET, THERMOSTAT	1	1	1					
22	2	121850-49550	GASKET, THERMOSTAT	1	1	1					
23	2	129907-49730	PIPE ASSY, INJECTION	1	1	1					
24	2	121850-49810	THERMOSTAT	1	1	1					
26	2	105582-59150	BOLT, PIPE JOINT	1	1	1					
27	2	23387-040800	JOINT 4- 8	1	1	1					
28	2	23414-080000	GASKET 8, ROUND	2	2	2					
29	2	23875-030000	PLUG PT3/8,STEEL	2	2	2					
30	2	26106-060122	BOLT M 6X 12 PLATED	2	2	2					
31	2	26106-060202	BOLT M 6X 20 PLATED	4	4	4					
32	1	129900-49870	GASKET, CASE	1	1	1					
33	1	23414-080000	GASKET 8, ROUND	1	1	1					
34	1	26106-080122	BOLT M 8X 12 PLATED	1	1	1					
35	1	26106-080602	BOLT M 8X 60 PLATED	3	3	3					
36	1	121450-42450	PLUG M16	1	1	1					
37	1	121250-44901	SWITCH, THERMO(110 C	1	1	1					
38	1	124465-44950	GASKET 16	1	1	1					
39	1	124465-44950	GASKET 16	1	1	1					
40	1	129907-49610	HOSE A ASSY,WATER	1	1	1					
41	2	129907-49710	PIPE A,COOLING WATER	1	1	1					
42	2	129907-49750	PROTECTOR, PIPE 10.7	1	1	1					
43	2	124722-59050	CLAMP 9	2	2	2					
44	1	129907-49620	HOSE B ASSY,WATER	1	1	1					
45	2	129907-49720	PIPE B,COOLING WATER	1	1	1					
46	2	124722-59050	CLAMP 9	2	2	2					
47	1	129052-42290	V-BELT			1					
48	1	129900-42461	PULLEY			1					
49	1	129916-44740	FAN			1					
50	1	119130-44760	SPACER, FAN			1					
51	1	26106-080302	BOLT M 8X 30 PLATED			4					

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Fig.8. EXHAUST MANIFOLD



8. EXHAUST MANIFOLD

(A)=4TNV98T-NSA (D)=
(B)=4TNV98T-NSA2 (E)=
(C)=4TNV98T-GGE (F)=

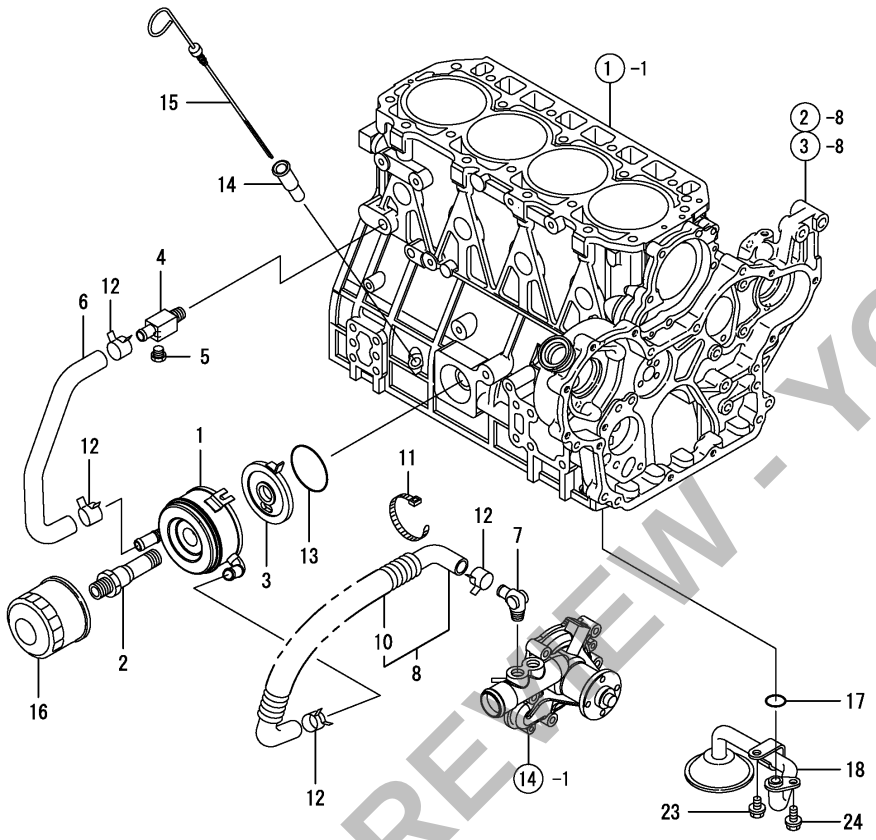
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129935-13100	MANIFOLD, EXHAUST	1	1	1					
2	1	129900-13251	GASKET	1	1	1					
3	1	123900-13630	BOLT 8X80	8	8	8					
4	1	129418-18320	STUD BOLT M8X20	4	4	4					
5	1	123901-18080	PK(T/C OUT	1	1	1					

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Fig.12. LUB.OIL SYSTEM



12. LUB.OIL SYSTEM

(A)=4TNV98T-NSA (D)=
(B)=4TNV98T-NSA2 (E)=
(C)=4TNV98T-GGE (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129908-33010	COOLER ASSY, OIL	1	1	1					
2	1	123912-33100	BOLT, L.O.COOLER	1	1	1					
3	1	129908-33100	BRACKET,OIL COOLER	1	1	1					
4	1	129006-44480	JOINT	1	1	1					
5	1	171056-49120	PLUG, DRAIN	1	1	1					
6	1	129908-49060	PIPE, COOLING WATER	1	1	1					
7	1	129466-49300	ELBOW PT3/8	1	1	1					
8	1	123910-49600	PIPE, C.W.	1	1	1					
10	2	123910-49610	PROTECTER,CW-T	1	1	1					
11	1	121750-59890	CLAMP 140	1	1	1					
12	1	23000-025000	CLAMP 25	4	4	4					
13	1	24321-000600	O-RING 1A G-60.0	1	1	1					
14	1	121520-34810	GUIDE, DIPSTICK	1	1	1					
15	1	129953-34830	DIPSTICK, LUB.OIL	1	1	1					
16	1	129150-35152	FILTER 80X80L	1	1	1					
17	1	129900-32030	O-RING P20	1	1	1					
18	1	129900-35000	PIPE ASSY, LUB. OIL	1	1	1					
23	1	26106-080122	BOLT M 8X 12 PLATED	1	1	1					
24	1	26106-080162	BOLT M 8X 16 PLATED	1	1	1					

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