

0CW10-M53000EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNE84-GB2BT for TOYO DENKI.

Pub.No. : 0CW10-G53000

Published : July, 2009

2. Model name

Engine model	Vehicle	Vehicle made by
3TNE84-GB2BT	GENERATOR	TOYO DENKI

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.

OCF10-G21601 29. FUEL INJECTION PUMP(W/BOOST)										
REF.	LEV.	PARTS NO.	DESCRIPTION	(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 $\xrightarrow{\text{Yes}}$ New No $\xrightarrow{\text{No}}$	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New Yes $\xrightarrow{\text{Yes}}$	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New Yes $\xrightarrow{\text{Yes}}$	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New No $\xrightarrow{\text{No}}$	New/ Old Parts are both not interchangeable.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ Effective Machine No.

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

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

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

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

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

⑤ Remarks

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

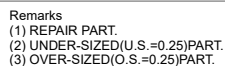
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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7.	CAMSHAFT & DRIVING GEAR		
8.	CRANKSHAFT & PISTON		
9.	LUB.OIL SYSTEM		
10.	COOLING WATER SYSTEM		
11.	FUEL INJECTION PUMP		
12.	GOVERNOR		
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15.	STARTING MOTOR		
16.	GENERATOR		
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Fig.1. CYLINDER BLOCK

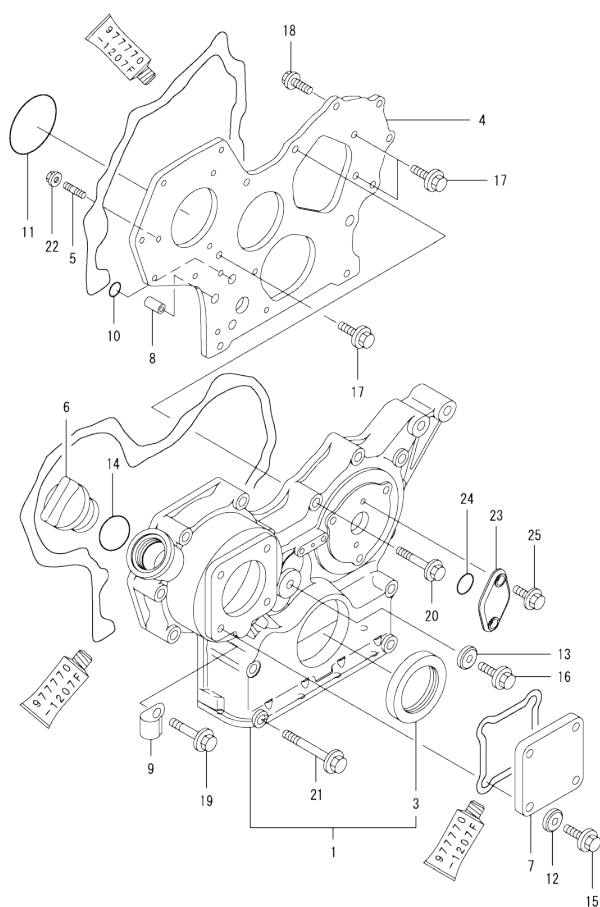


(A)=3TNE84-GB2BT
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729002-01561	BLOCK ASSY, CYLINDER	1							
4	2	129001-01250	PLUG, 50	1							
5	2	124160-01910	PLUG, PT1/4	3							
6	2	171051-01921	PLUG, NPTF1	1							
7	2	129150-02020	BOLT, METAL CAP	8							
10	2	129795-02412	BUSH, CAMSHAFT	1							
11	2	23876-010000	PLUG, R01	1							
12	2	27241-120000	PLUG, 12	2							
13	2	27241-300000	PLUG 30	6							
23	2	129150-02931	BEARING, THRUST	2							
26	1	129150-01200	BOLT, HEAD	14							
27	1	129002-01331	GASKET, HEAD	1							
28	1	129001-02931	BEARING, MAIN	4							1
31	1	129150-02871	BEARING, 0.25 US	4							2
34	1	129150-02941	BEARING, THRUST 0.25	2							

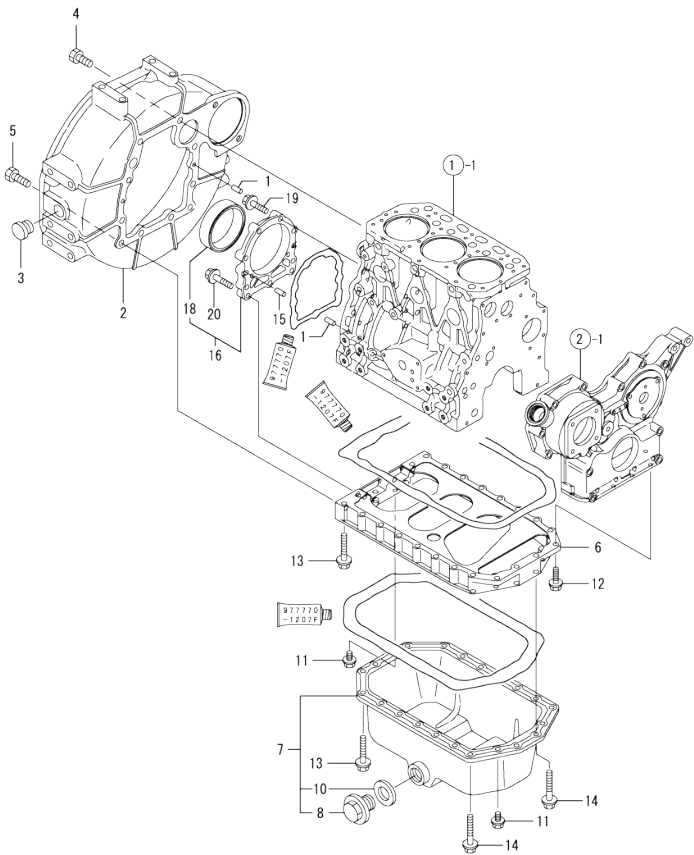
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New. Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New. R:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New. S:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719810-01500	CASE ASSY, GEAR	1							
3	2	129795-01800	SEAL, OIL	1							
4	1	129400-01520	FLANGE, GEAR CASE	1							
5	1	121450-01560	STUD, M8X22	3							
6	1	124160-01751	COVER, FILLER	1							
7	1	124240-01871	COVER	1							
8	1	129795-01950	PIPE, KNOCK L=18	2							
9	1	129150-03100	RETAINER, PIPE	1							
10	1	119609-32040	O-RING, P16	2							
11	1	121850-51960	O-RING	1							
12	1	22190-080002	WASHER, SEAL 6	4							
13	1	22190-080002	WASHER, SEAL 6	1							
14	1	24311-000320	O-RING, 1AP32.0	1							
15	1	26106-080122	BOLT, M8X 12 PLATED	4							
16	1	26106-080162	BOLT, M8X 16 PLATED	1							
17	1	26106-080162	BOLT, M8X 16 PLATED	3							
18	1	26106-080202	BOLT, M8X 20 PLATED	2							
19	1	26106-080452	BOLT, M8X 45 PLATED	6							
20	1	26106-080552	BOLT, M8X 55 PLATED	3							
21	1	26106-080852	BOLT, M8X 85 PLATED	4							
22	1	26306-080002	NUT, M8	3							
23	1	121023-01551	COVER	1							
24	1	24341-000240	O-RING, 1AS24.0	1							
25	1	26106-060162	BOLT, M6X 16 PLATED	2							

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Fig.3. FLYWHEEL HOUSING & OIL SUMP



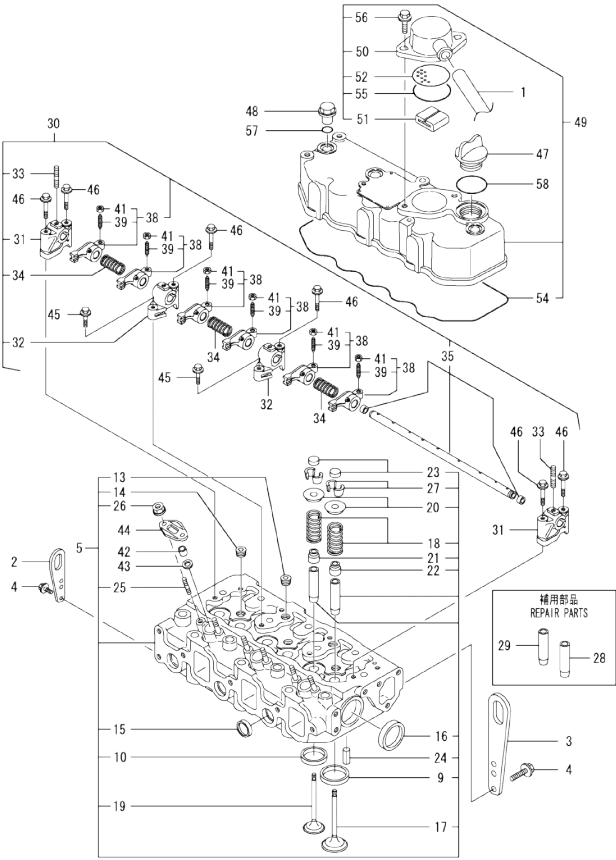
0CW10-M53000 Fig.3

(A)=3TNE84-GB2BT
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	129612-01600	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP	1							
4	1	26206-100252	BOLT, M10X 25 PLATED	6							
5	1	26206-100302	BOLT, M10X 30 PLATED	4							
6	1	129100-01730	SPACER, OIL SUMP	1							
7	1	129100-01760	SUMP ASSY, OIL	1							
8	2	119640-01640	PLUG, DRAIN M22	1							
10	2	22190-220002	WASHER, SEAL 22	1							
11	1	26106-080162	BOLT, M8X 16 PLATED	4							
12	1	26106-080252	BOLT, M8X 25 PLATED	2							
13	1	26106-080452	BOLT, M8X 45 PLATED	16							
14	1	26106-080502	BOLT, M8X 50 PLATED	4							
15	1	129100-01580	PIN, M8X16	2							
16	1	129100-01640	CASE ASSY, OIL SEAL	1							
18	2	129795-01780	SEAL, OIL	1							
19	1	129486-01670	BOLT, M8X30	6							
20	1	26106-080352	BOLT, M8X 35 PLATED	3							

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

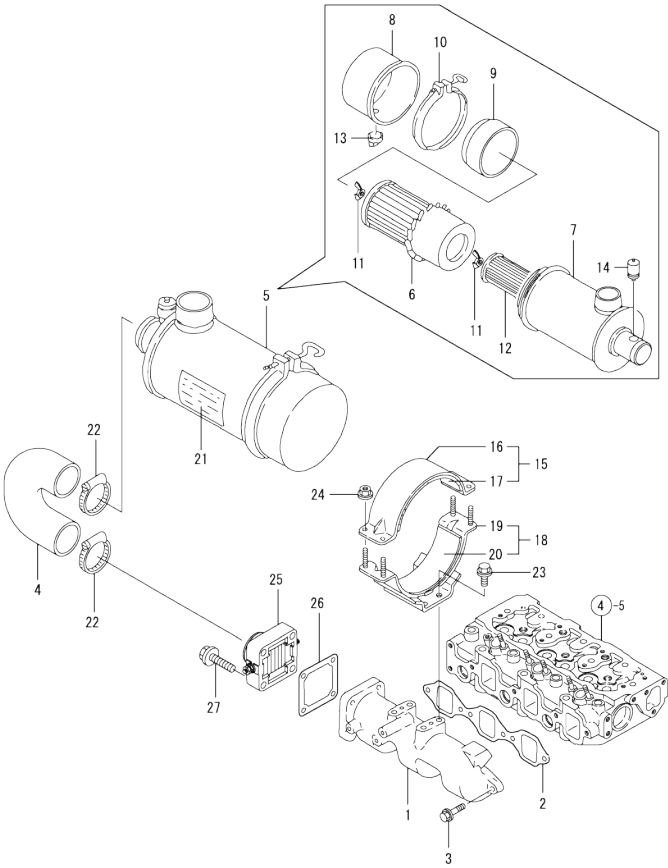
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171350-03090	PIPE, BREATHER 900	1							
2	1	119226-07900	LIFTER, ENGINE	1							
3	1	129900-07900	LIFTER, ENGINE	1							
4	1	26106-080142	BOLT, M8X 14 PLATED	4							
5	1	729202-11710	HEAD ASSY, CYLINDER	1							
9	2	129470-11080	SEAT, SUCTION VALVE	3							
10	2	129470-11090	SEAT, EXHAUST VALVE	3							
13	2	23876-020000	PLUG, R02	2							
14	2	23876-030000	PLUG, R03	3							
15	2	27241-220000	PLUG, 22	3							
16	2	27241-400000	PLUG, 40	2							
17	2	129100-11100	VALVE, SUCTION	3							
18	2	129795-11120	SPRING, VALVE	6							
19	2	129100-11130	VALVE, EXHAUST	3							
20	2	129795-11180	RETAINER, SPRING	6							
21	2	121400-11340	SEAL, VALVE STEM	3							
22	2	124460-11340	SEAL, VALVE STEM	3							
23	2	129150-11370	CAP, VALVE	6							
24	2	22351-060012	PIN, SPRING 6.0X12	2							
25	2	26216-060202	STUD, M6X 20	6							
26	2	26366-060002	NUT, M6	6							
27	2	27310-080000	COTTER 8	6							
28	1	120130-11860	GUIDE, VALVE	3							1
29	1	129150-11810	GUIDE, VALVE	3							1
30	1	129155-11241	SHAFT ASSY, ROCKER	1							
31	2	129155-11260	SUPPORT, ROCKER ARM	2							
32	2	129155-11270	SUPPORT, ROCKER ARM	2							
33	2	119802-11280	BOLT, STUD	3							
34	2	129150-11280	SPRING, ROCKER	3							
35	2	129150-11290	SHAFT, ROCKER ARM	1							
38	2	729402-11650	ARM ASSY, ROCKER	6							
39	3	129150-11230	SCREW, VALVE ADJUST	6							
41	3	129150-11750	NUT, M8	6							
42	1	119625-11870	PROTECTOR, NOZZLE	3							
43	1	119625-11880	SEAT, NOZZLE	3							
44	1	119625-11900	RETAINER, NOZZLE	3							
45	1	26106-080252	BOLT, M8X 25 PLATED	2							
46	1	26106-080502	BOLT, M8X 50 PLATED	6							
47	1	124160-01751	CAP, FILLER	1							
48	1	124160-11360	KNOB	3							
49	1	729132-11521	BONNET ASSY, HEAD	1							
50	2	129150-03020	COVER, BREATHER	1							
51	2	129150-03070	BAFFLE, BREATHER	1							
52	2	129150-03080	PLATE, BAFFLE	1							
54	2	129150-11310	GASKET, BONNET	1							
55	2	24341-000500	O-RING, 1AS50.0	1							
56	2	26106-080162	BOLT, M8X 16 PLATED	2							
57	1	24311-000120	O-RING, 1AP12.0	3							
58	1	24311-000320	O-RING, 1AP32.0	1							

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Fig.5. SUCTION MANIFOLD & AIR CLEANER



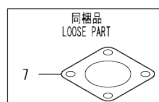
0CW10-M53000 Fig.5

(A)=3TNE84-GB2BT
(B)=
(C)=

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

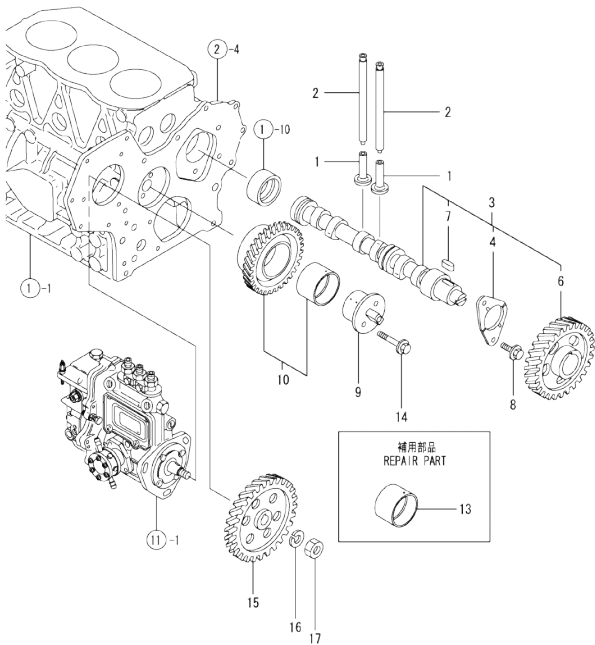
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129122-12100	MANIFOLD, AIR INTAKE	1							
2	1	129150-12111	GASKET, MANIFOLD	1							
3	1	26106-080252	BOLT, M8X 25 PLATED	4							
4	1	171351-12210	PIPE, AIR INTAKE	1							
5	1	121521-12500	CLEANER ASSY, AIR	1							
6	2	121420-12511	ELEMENT	1							
7	2	171061-12520	BODY ASSY	1							
8	2	121422-12530	CUP	1							
9	2	121420-12540	SCARF, BAFFLE	1							
10	2	121420-12550	CLAMP ASSY	1							
11	2	121420-12561	NUT, WING	2							
12	2	121422-12570	ELEMENT	1							
13	2	121422-12580	VALVE, UNLOADER	1							
14	2	126650-12680	INDICATOR	1							
15	1	121400-12540	BAND ASSY, CLEANER	1							
16	2	121400-12560	BAND, AIR CLEANER	1							
17	2	121400-12570	SEAT, RUBBER B	1							
18	1	171351-12580	SUPPORT ASSY, CLEANER	1							
19	2	171351-12560	SUPPORT, AIR CLEANER	1							
20	2	171351-12570	SEAT, RUBBER	1							
21	1	171064-12600	LABEL, AIR CLEANER	1							
22	1	23000-060000	CLAMP, 60	2							
23	1	26106-080142	BOLT, M8X 14 PLATED	4							
24	1	26366-060002	NUT, M6	4							
25	1	129120-77502	HEATER	1							
26	1	129150-77511	GASKET	1							
27	1	26106-080352	BOLT, M8X 35 PLATED	4							

Fig.6. EXHAUST MANIFOLD

[illegible]

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

(A)=3TNE84-GB2BT
(B)=
(C)=

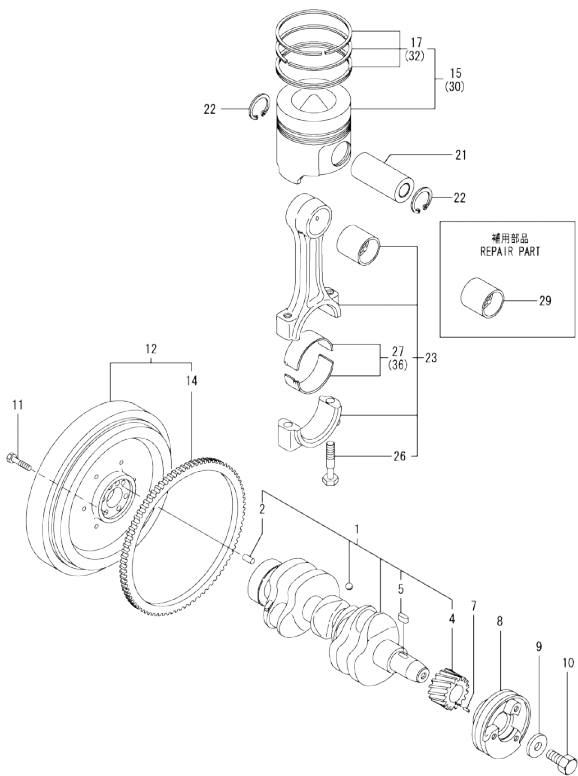
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6							
2	1	129150-14400	ROD, PUSH L=178	6							
3	1	129129-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, THRUST	1							
6	2	129150-14101	GEAR, CAMSHAFT	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	26106-080142	BOLT, M8X 14 PLATED	2							
9	1	129100-25061	SHAFT, IDLE	1							
10	1	129150-25101	GEAR ASSY, IDLE	1							
13	1	129150-25920	BUSH, IDLE GEAR	1							1
14	1	26106-080452	BOLT, M8X 45 PLATED	2							
15	1	129100-25900	GEAR, PUMP	1							
16	1	22217-120000	WASHER, SPRING 12	1							
17	1	26716-120002	NUT, M12	1							

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{R/O}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{R/O}{YES}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.8. CRANKSHAFT & PISTON



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

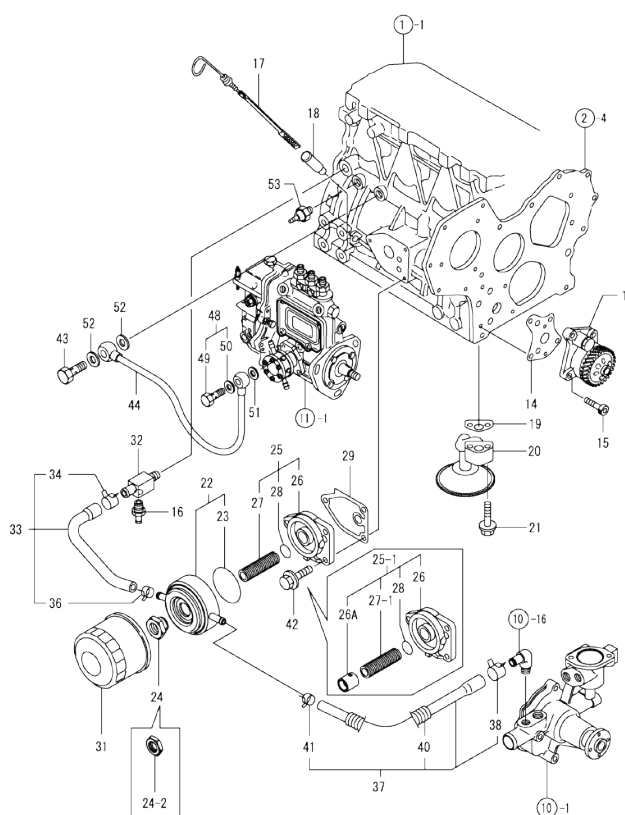
0CW10-M53000 Fig.8

(A)=3TNE84-GB2BT
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-21100	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
4	2	129150-21200	GEAR, CRANKSHAFT	1							
5	2	22512-070140	KEY, 7X 14	1							
7	1	22351-040010	PIN, SPRING 4.0X10	1							
8	1	171340-21650	V-PULLEY	1							
9	1	129795-21661	WASHER	1							
10	1	121850-21680	BOLT	1							
11	1	121111-21501	BOLT, FLYWHEEL	6							
12	1	171340-21580	FLYWHEEL ASSY	1							
14	2	119865-21600	GEAR, RING	1							
15	1	129002-22090	PISTON ASSY	3							
17	2	129002-22510	RING SET, PISTON	3							
21	1	129202-22300	PIN, PISTON D26 L70	3							
22	1	22252-000260	RING, 26	6							
23	1	729402-23100	ROD ASSY, CONNECTING	3							
26	2	121550-23200	BOLT, CONNECTING ROD	6							
27	2	129150-23601	BEARING, CRANK PIN	3							
29	1	129100-23910	BEARING, PISTON PIN	3							1
30	1	129002-22910	PISTON ASSY, 0.25 OS	3							2
32	2	129002-22960	RING SET, 0.25 OS	3							2
36	1	129150-23611	BEARING, 0.25 US	3							3

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{HIS}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{HIS}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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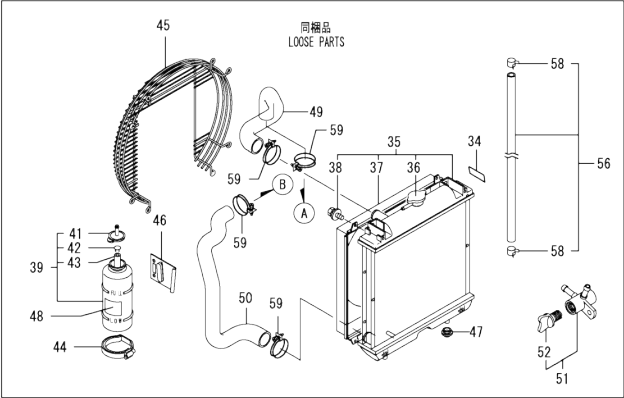
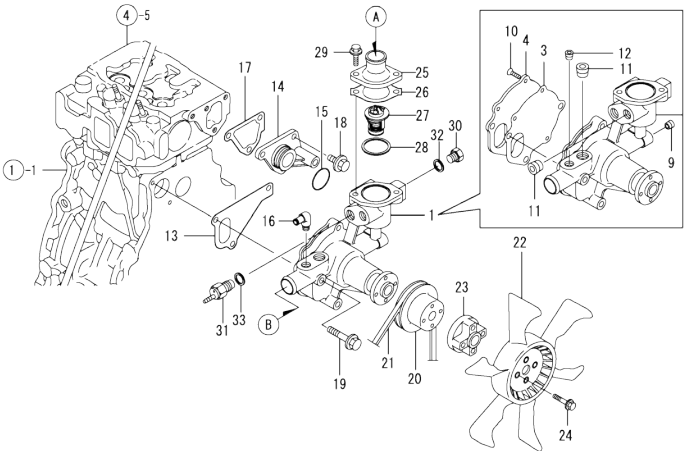
No.	Lev.	Parts No.	Description	(F) Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-32001	PUMP ASSY, OIL	1							
14	1	129150-32020	GASKET, PUMP	1							
15	1	26450-060252	BOLT, M6X 25	4							
16	1	121550-49111	JOINT, PT1/4	1							
17	1	129403-34800	DIPSTICK	1							
18	1	121520-34810	GUIDE, DIPSTICK	1							
19	1	129150-35042	GASKET	1							
20	1	129100-35301	PIPE ASSY, OIL INLET	1							
21	1	26106-080352	BOLT, M8X 35 PLATED	2							
22	1	129508-33010	COOLER ASSY, OIL	1							
22-1	1	129508-33031	COOLER ASSY, OIL	1							R
(A=E92738)											
23	2	129508-33050	O-RING	1							
23-1	2	129508-33060	GASKET, COOLER	1							R
(A=E92738)											
24	1	129417-33110	NUT	1							
24-1	1	129417-33111	NUT, OIL COOLER	1							R
(A=E88069)											
24-2	1	124085-35350	NUT, M20	1							F 2
(A=E92738)											
25	1	129002-35100	BRACKET ASSY, FILTER	1							
25-1	1	129002-35120	BRACKET ASSY,LO FILT	1							F 2
(A=E92738)											
26	2	129002-35110	BRACKET, FILTER	1							
26A	2	129508-35150	COLLAR, OIL-COOLER	1							W
(A=E92738)											
27	2	129407-35300	BOLT, LO FILTER	1							
27-1	2	129407-35310	STUD, LO FILTER	1							S
(A=E92738)											
28	2	24311-000160	O-RING, 1AP16.0	1							
29	1	129150-35111	GASKET	1							
31	1	129150-35153	FILTER ASSY, D80X80L	1							1
32	1	129006-44480	JOINT	1							
33	1	129508-49030	HOSE ASSY, WATER	1							
34	2	171008-03990	CLAMP, HOSE 18.5	1							
36	2	23080-015000	CLAMP, 15	1							
37	1	129006-49040	HOSE ASSY, WATER	1							
38	2	171008-03990	CLAMP, HOSE 18.5	1							
40	2	129642-49180	TUBE, CORRUGATED 19	1							
41	2	23080-015000	CLAMP, 15	1							
42	1	26106-080202	BOLT, M8X 20 PLATED	3							
43	1	124160-39140	BOLT, PIPE JOINT M10	1							
44	1	129150-39450	PIPE ASSY, OIL	1							
48	1	124550-59830	BOLT ASSY, JOINT M8	1							
49	2	124550-59820	BOLT, PIPE JOINT M8	1							
50	2	22190-080002	WASHER, SEAL 6	1							
51	1	22190-080002	WASHER, SEAL 6	1							
52	1	22190-100002	WASHER, SEAL 10	2							
53	1	114250-39450	SWITCH, HYDRAULIC	1							

(2) Interchangeable by simultaneous replacement with No.24-2, 25-1.

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

0CW10-M53000 3TNE84-GB2BT

Fig.10. COOLING WATER SYSTEM

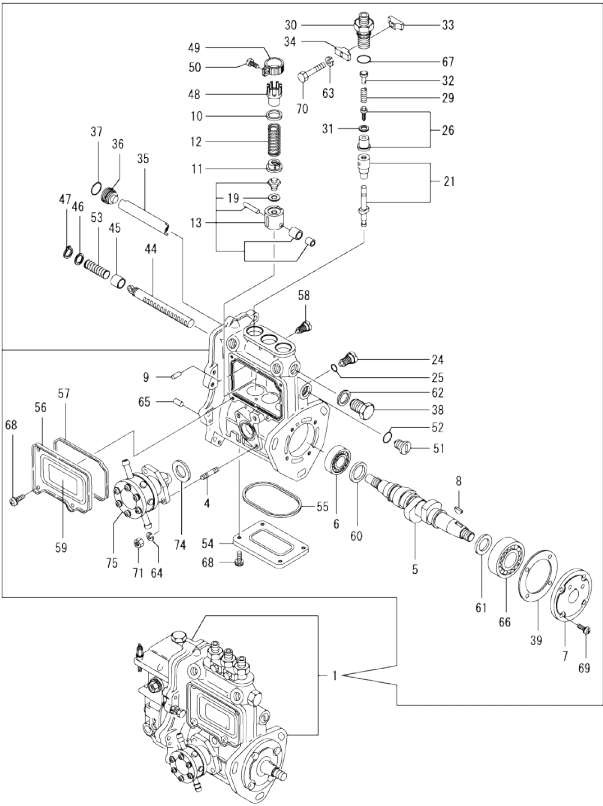


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-42004	PUMP ASSY, WATER	1							
3	2	129100-42051	GASKET, WATER PUMP	1							
4	2	129100-42121	PLATE	1							
9	2	23876-010000	PLUG, R01	1							
10	2	121850-42410	SCREW	3							
11	2	129916-49740	PLUG, R03	2							
12	2	23876-020000	PLUG, R02	1							
13	1	129486-42021	GASKET, WATER PUMP	1							
14	1	129001-42040	JOINT	1							
15	1	129486-42140	O-RING, G30	1							
16	1	129103-49301	ELBOW, PT1/4	1							
17	1	124395-49840	GASKET	1							
18	1	26106-080162	BOLT, M8X 16 PLATED	3							
19	1	26106-080602	BOLT, M8X 60 PLATED	3							
20	1	129550-42350	V-PULLEY, D=120	1							
21	1	129612-42360	V-BELT, A39	1							
22	1	171340-44740	FAN, COOLING D335XNF	1							
23	1	171353-44760	SPACER, FAN	1							
24	1	26106-060352	BOLT, M6X 35 PLATED	4							
25	1	129350-49530	COVER, THERMOSTAT	1							
26	1	129795-49551	GASKET	1							
27	1	129155-49801	THERMOSTAT, 71	1							
28	1	129150-49811	GASKET, THERMOSTAT	1							
29	1	26106-080202	BOLT, M8X 20 PLATED	2							
30	1	121450-42450	PLUG, M16	1							
31	1	121250-44901	SWITCH, 110	1							
32	1	124465-44950	GASKET, 16	1							
33	1	124465-44950	GASKET, 16	1							
34	1	172437-03391	LABEL, RADIATOR	1							
35	1	129004-44500	RADIATOR ASSY	1							
36	2	129107-44590	CAP, RADIATOR	1							
37	2	119802-44600	SHROUD	1							
38	2	26014-060122	BOLT, M6X 12	4							
39	1	124450-44510	TANK ASSY, SUB	1							
41	2	124450-44530	CAP	1							
42	2	124450-44560	RETAINER	1							
43	2	23061-070230	PIPE, 7X 230	1							
44	1	124450-44550	BAND	1							
45	1	119802-44560	GUARD	1							
46	1	121256-44600	BRACKET, SUB TANK	1							
47	1	119255-44660	ABSORBER	2							
48	1	124764-44810	LABEL, SUB TANK	1							
49	1	129004-49010	PIPE, WATER	1							
50	1	129004-49020	PIPE, WATER	1							
51	1	129150-49100	COCK ASSY, 3-WAY	1							
52	2	129150-49080	COCK, DRAIN	1							
56	1	129210-49280	PIPE ASSY, DRAIN	1							
58	2	124766-59050	CLIP, HOSE 12	2							
59	1	23010-038000	CLAMP, 38	4							

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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0CW10-M53000 3TNE84-GB2BT

Fig.11. FUEL INJECTION PUMP



Remarks
(1) GOVERNOR ASSY(FIG.12) IS
INCORPORATED IN THIS FOP. CMP
(REF. NO.1).

0CW10-M53000 Fig.11

(A)=3TNE84-GB2BT
(B)=
(C)=

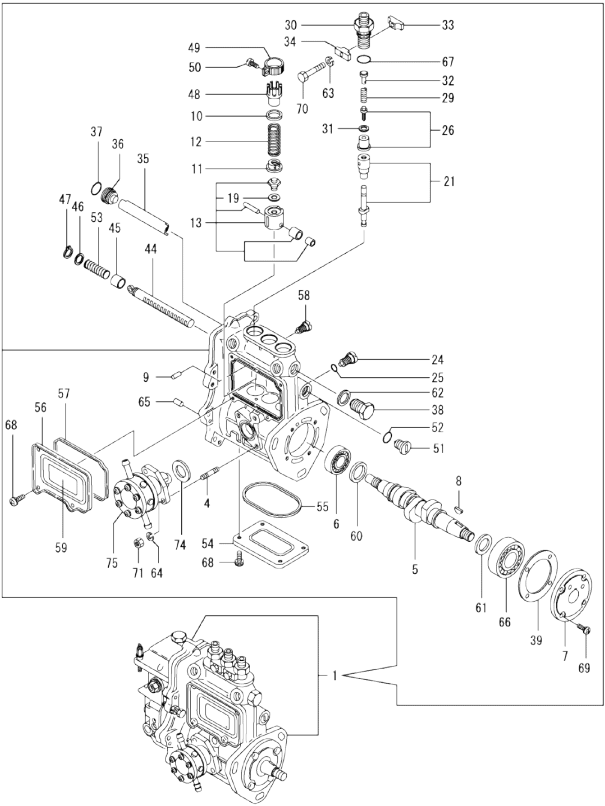
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729002-51400	PUMP ASSY, INJECTION	1							1
4	2	129155-51020	STUD	2							
5	2	119810-51040	CAMSHAFT	1							
6	2	129155-51051	BEARING	1							
7	2	129155-51060	SUPPORT, CAMSHAFT	1							
8	2	122710-51090	KEY	1							
9	2	129155-51140	PIN	3							
10	2	158600-51170	RETAINER, SPRING	3							
11	2	129155-51180	RETAINER, SPRING	3							
12	2	124950-51190	SPRING, PLUNGER	3							
13	2	129155-51200	TAPPET ASSY	3							
19	3	129155-51630	SHIM, T=1.2	3							
21	2	129412-51200	PLUNGER ASSY	3							
24	2	129155-51270	STOPPER, TAPPET	3							
25	2	129155-51280	O-RING, S6	3							
26	2	105300-51300	VALVE ASSY, DELIVERY	3							
29	2	129155-51320	SPRING, DELIVERY	3							
30	2	129155-51340	RETAINER	3							
31	2	124550-51350	GASKET, DELIVERY	3							
32	2	129155-51370	STOPPER, VALVE	3							
33	2	129155-51380	STOPPER	2							
34	2	129155-51390	STOPPER	2							
35	2	129155-51400	DEFLECTOR	1							
36	2	158600-51410	PLUG, DEFLECTOR	1							
37	2	119717-51420	O-RING	1							
38	2	158600-51420	PLUG, DEFLECTOR	1							
39	2	129155-51450	SHIM SET, ADJUSTING	1							
44	2	119717-51500	RACK, CONTROL	1							
45	2	129155-51521	BUSH, RACK	1							
46	2	129155-51530	SPACER	1							
47	2	129155-51540	CIRCLIP	1							
48	2	129155-51550	PINION, CONTROL	3							
49	2	129100-51560	PINION	3							
50	2	129100-51570	SCREW	3							
51	2	129155-51570	PLUG, M12	1							
52	2	129155-51580	O-RING	1							
53	2	129155-51591	SPRING, RACK	1							
54	2	129155-51701	COVER	1							
55	2	129155-51711	GASKET	1							
56	2	129155-51751	COVER	1							
57	2	129155-51761	GASKET	1							
58	2	129155-51790	STOOPER, RACK	1							
59	2	129156-51910	LABEL, CAUTION	1							
60	2	129155-51930	SPACER, T=3.25	1							
61	2	129155-51940	SPACER, T=1.5	1							
62	2	22190-160002	WASHER, SEAL 16	1							
63	2	22217-050000	WASHER, SPRING 5	2							
64	2	22217-060000	WASHER, SPRING 6	2							
65	2	22351-050010	PIN, SPRING 5.0X10	2							
66	2	24101-063034	BEARING, BALL 6303	1							
67	2	24316-000150	O-RING, 4DP15.0	3							

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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0CW10-M53000 3TNE84-GB2BT

Fig.11. FUEL INJECTION PUMP



Remarks
(1) GOVERNOR ASSY(FIG.12) IS
INCORPORATED IN THIS FOP. CMP
(REF. NO.1).

0CW10-M53000 Fig.11

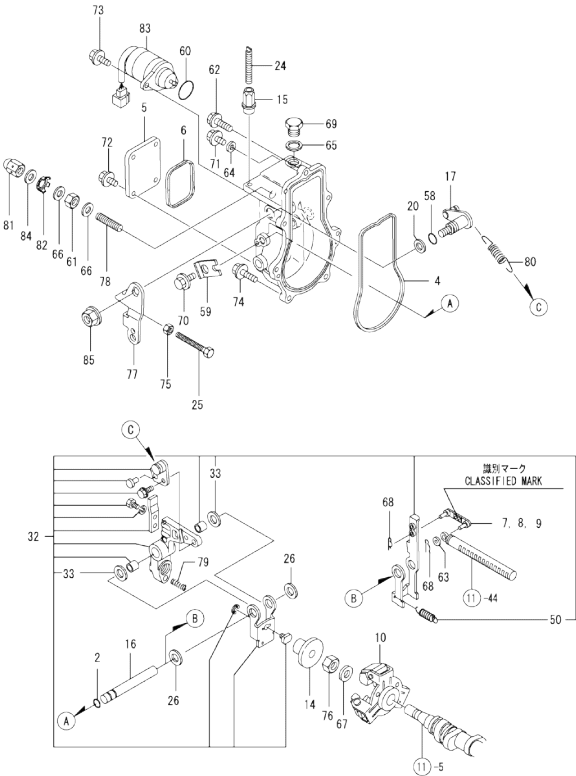
(A)=3TNE84-GB2BT
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
68	2	26022-050122	SCREW, M5X12	8							
69	2	26022-060162	SCREW, M6X16	4							
70	2	26116-050302	BOLT, M5X 30 PLATED	2							
71	2	26716-060002	NUT, M6	2							
74	2	129155-52051	GASKET	1							
75	2	129100-52101	PUMP ASSY, FUEL FEED	1							

N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{RIS}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{RIS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.12. GOVERNOR

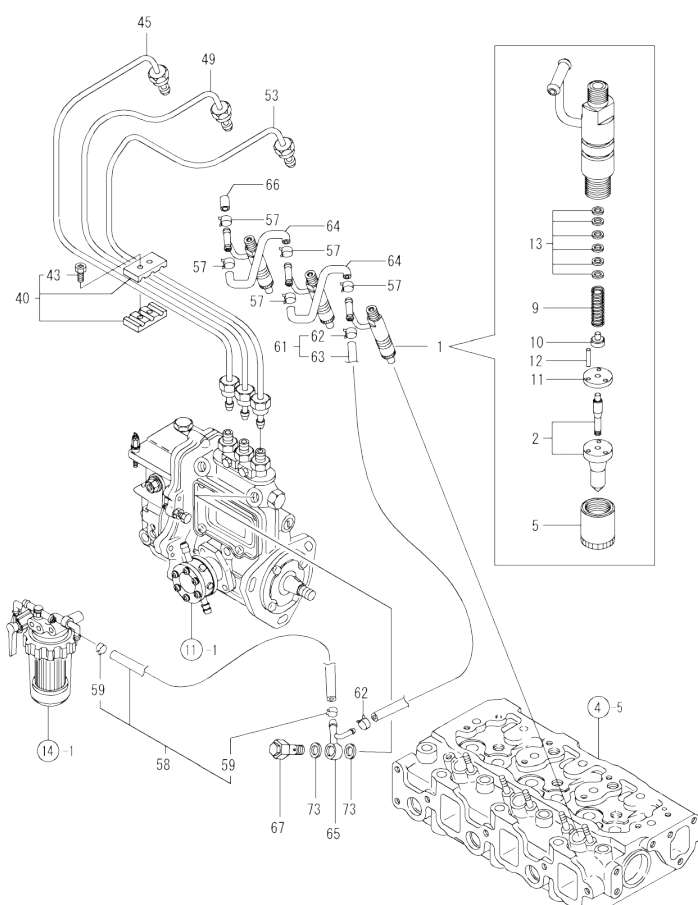


Remarks
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER(REF. TO ILLUSTRATION).
* THIS FIGURE(GOVERNOR ASSY)IS INCORPORATED IN THE FUEL INJECTION PUMP ASSY(FIG.11).

(A)=3TNE84-GB2BT
(B)=
(C)=

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

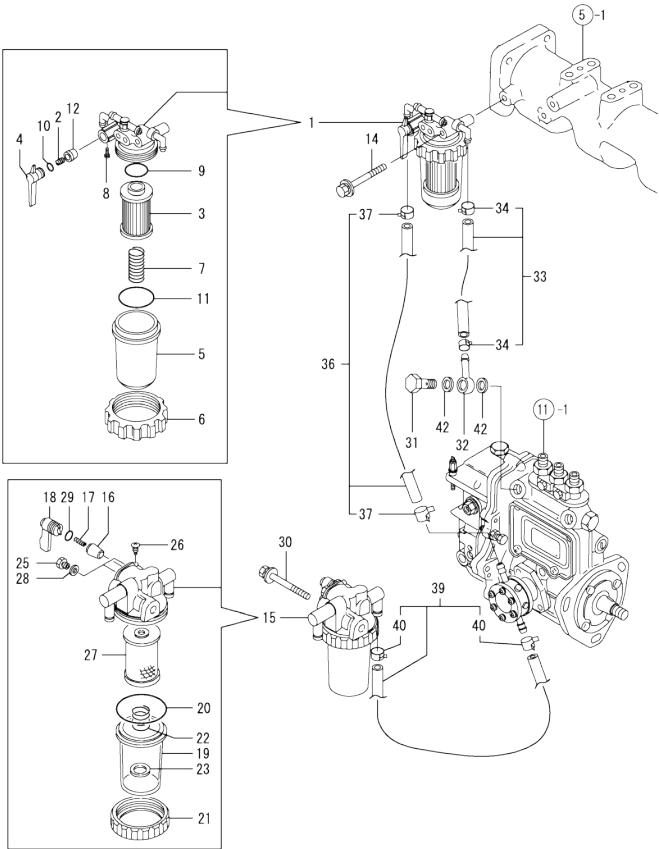
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	129155-61280	O-RING, S6	1							
4	2	129052-61051	GASKET	1							
5	2	129052-61060	COVER, GOVERNOR CASE	1							
6	2	129052-61071	GASKET	1							
7	2	129155-61120	LINK, L=30 MARK 0	1							1
8	2	129155-61130	LINK, L=31 MARK 1	1							1
9	2	129155-61140	LINK, L=30.5 MARK 05	1							1
10	2	129155-61202	WEIGHT ASSY,GOVERNOR	1							
14	2	129155-61360	SLEEVE, L=25.2	1							
15	2	129209-61370	NUT, M6	1							
16	2	129052-61390	SHAFT	1							
17	2	129100-61400	SHAFT ASSY	1							
20	2	129155-61430	SPACER	1							
24	2	129155-61450	BOLT, LIMITER	1							
25	2	129155-61460	BOLT, IDLE	1							
26	2	129155-61480	SPACER ASSY	2							
32	2	129486-61501	LEVER ASSY, GOVERNOR	1							
33	3	174307-51700	SHIM SET	2							
50	3	129486-61540	SPRING, SET	1							
58	2	129155-61830	O-RING, S10	1							
59	2	119660-61901	RETAINER, SHAFT	1							
60	2	158552-61900	O-RING	1							
61	2	129209-61920	NUT, ARB	1							
62	2	129155-61950	BOLT	1							
63	2	22117-040000	WASHER, 4	1							
64	2	22190-060003	SEAL WASER 6	1							
65	2	22190-100002	WASHER, SEAL 10	1							
66	2	22190-120002	WASHER, SEAL 12	2							
67	2	22287-120000	WASHER, 12	1							
68	2	22372-040000	PIN, SNAP 4	2							
69	2	23887-100002	PLUG, 10	1							
70	2	26106-060102	BOLT, M6X 10 PLATED	1							
71	2	26106-060102	BOLT, M6X 10 PLATED	1							
72	2	26106-060102	BOLT, M6X 10 PLATED	4							
73	2	26106-060142	BOLT, M6X 14 PLATED	2							
74	2	26106-060202	BOLT, M6X 20 PLATED	6							
75	2	26756-060002	NUT, LOCK M6	1							
76	2	26776-120002	NUT, LOCK M12	1							
77	2	171488-61440	LEVER, CONTROL	1							
78	2	120323-61470	BOLT, CONTROL	1							
79	2	129500-61650	SPRING, FUEL CONTROL	1							
80	2	129500-61700	SPRING, GOVERNOR	1							
81	2	129209-61930	NUT, CAP	1							
82	2	129209-61970	PLATE	1							
83	2	119653-77950	SOLENOID, STOP	1							
84	2	23414-120016	GASKET, 12X1.0	1							
85	2	26366-080002	NUT, M8	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729100-53100	VALVE ASSY,INJECTION	3							
2	2	129100-53000	VALVE ASSY,INJECTION	3							
5	2	114250-53080	NUT, NOZZLE D16.95	3							
9	2	114250-53120	SPRING, NOZZLE	3							
10	2	114250-53130	SEAT, SPRING	3							
11	2	114250-53140	PLATE	3							
12	2	114250-53210	PIN	6							
13	2	119803-53400	SHIM SET	3							
40	1	129150-59120	RETAINER, PIPE	1							
43	2	129150-59131	BOLT, M4X14	2							
45	1	129100-59811	PIPE ASSY, INJECTION	1							
49	1	129100-59821	PIPE ASSY, INJECTION	1							
53	1	129100-59831	PIPE ASSY, INJECTION	1							
57	1	124066-59100	CLIP, HOSE 8	7							
58	1	129210-59130	PIPE ASSY, FUEL	1							
59	2	124766-59050	CLIP, HOSE 12	2							
61	1	119840-59500	PIPE ASSY, RETURN	1							
62	2	124066-59100	CLIP, HOSE 8	2							
63	2	119840-59560	PIPE, FUEL RETURN	1							
64	1	121250-59550	PIPE, FUEL D8X120	2							
65	1	119840-59570	JOINT	1							
66	1	129150-59580	CAP	1							
67	1	119813-59950	VALVE ASSY, CHECK	1							
73	1	22190-120002	WASHER, SEAL 12	2							

N:Old ^{YES}/_{NO} New. Q:Old ^{NO}/_{YES} New. R:Old ^{YES}/_{YES} New. S:Old ^{NO}/_{NO} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

Fig.14. FUEL LINE

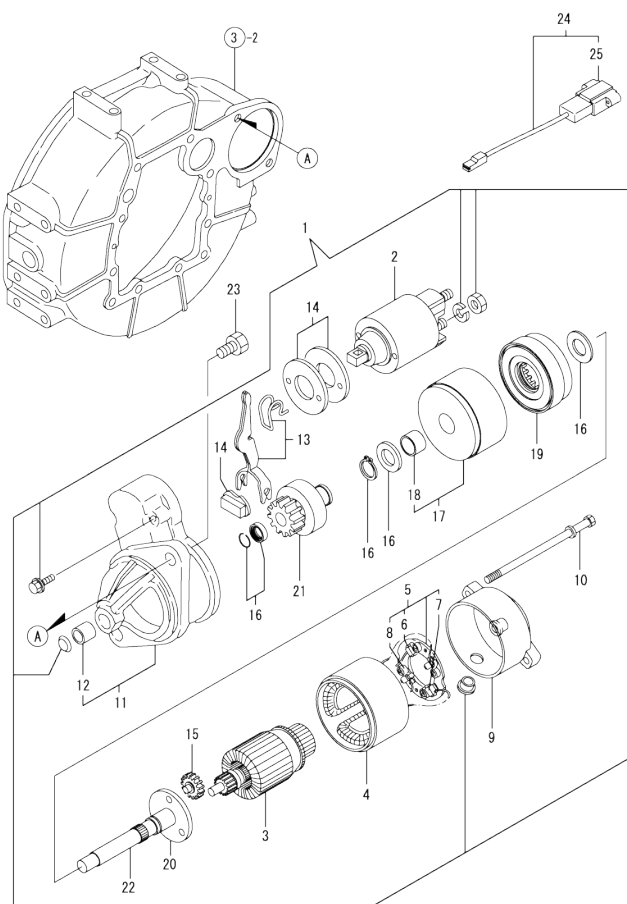


(A)=3TNE84-GB2BT
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129052-55620	FILTER ASSY, FUEL	1							
2	2	104200-55330	SPRING, VALVE	1							
3	2	129100-55650	ELEMENT	1							
4	2	129100-55670	LEVER	1							
5	2	129100-55680	CUP, STRAINER	1							
6	2	129100-55690	RING, RETAINING	1							
7	2	129100-55700	SPRING	1							
8	2	104200-55750	SCREW, M4	1							
9	2	24311-000160	O-RING, 1AP16.0	1							
10	2	24311-240100	O-RING, 1AP10A	1							
11	2	24321-000650	O-RING, 1AG65.0	1							
12	2	104200-55321	VALVE, TAPER	1							
14	1	26014-080702	BOLT, M8X 70	1							
15	1	129335-55700	SEPARATOR ASSY, WATER	1							
16	2	104200-55321	VALVE, TAPER	1							
17	2	104200-55330	SPRING, VALVE	1							
18	2	104200-55341	HANDLE	1							
19	2	124064-55510	COVER	1							
20	2	102103-55520	O-RING	1							
21	2	110250-55610	RING, RETAINING	1							
22	2	121257-55720	SPRING	1							
23	2	121257-55731	FLOAT	1							
25	2	101720-55750	PLUG, 6	2							
26	2	104200-55750	SCREW, M4	1							
27	2	171081-55910	SCREEN	1							
28	2	23418-060000	GASKET, 6X1.0	2							
29	2	24311-240100	O-RING, 1AP10A	1							
30	1	26014-080702	BOLT, M8X 70	1							
31	1	103854-39140	BOLT, PIPE JOINT	1							
32	1	101304-59020	JOINT, PIPE 12	1							
33	1	129210-59040	PIPE ASSY, FUEL	1							
34	2	124766-59050	CLIP, HOSE 12	2							
36	1	129210-59130	PIPE ASSY, FUEL	1							
37	2	124766-59050	CLIP, HOSE 12	2							
39	1	129210-59200	PIPE ASSY, FUEL	1							
40	2	124766-59050	CLIP, HOSE 12	2							
42	1	22190-120002	WASHER, SEAL 12	2							

Fig.15. STARTING MOTOR



0CW10-M53000 Fig.15

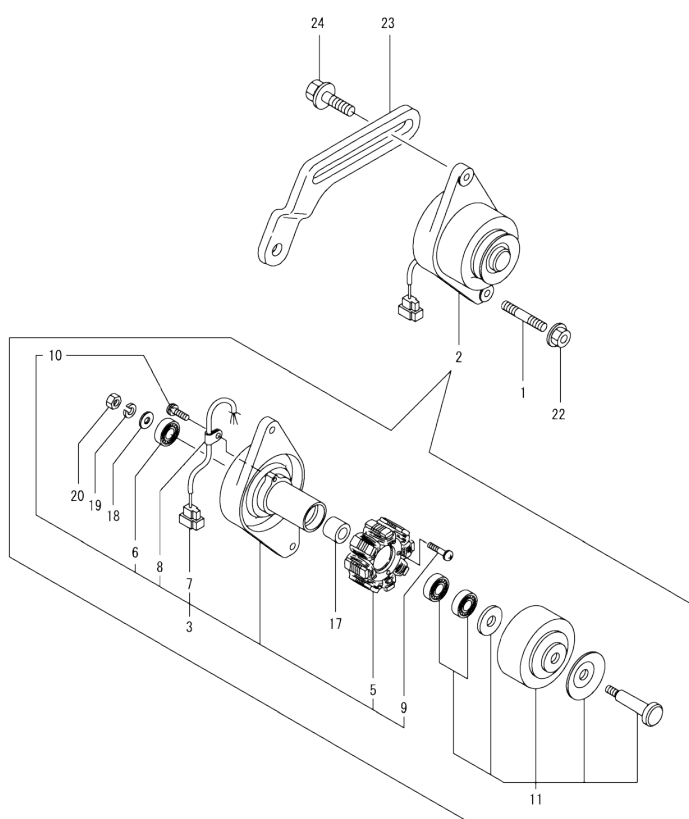
(A)=3TNE84-GB2BT
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129698-77010	STARTER, 12V1.2KW	1							
2	2	129698-77020	SWITCH ASSY	1							
3	2	129698-77100	ARMATURE ASSY	1							
4	2	129698-77110	YOKE ASSY	1							
5	2	129698-77120	HOLDER ASSY, BRUSH	1							
6	3	129698-77140	BRUSH SET	1							
7	3	129698-77130	BRUSH	2							
8	3	129698-77150	SPRING, BRUSH	4							
9	2	129698-77161	COVER ASSY	1							
10	2	124195-77770	BOLT, THROUGH	2							
11	2	129698-77260	CASE ASSY	1							
12	3	X2114535200	METAL, STARTER	1							
13	2	129698-77270	LEVER SET, SHIFT	1							
14	2	129698-77280	COVER KIT	1							
15	2	129698-77240	GEAR	3							
16	2	129698-77250	WASHER SET	1							
17	2	129698-77180	BRACKET	1							
18	3	129698-77190	BRACKET	1							
19	2	129698-77200	GEAR, INTERNAL	1							
20	2	129698-77210	BRACKET	1							
21	2	129698-77220	PINION ASSY	1							
22	2	129698-77230	SHAFT	1							
23	1	26116-120252	BOLT, M12X 25 PLATED	2							
24	1	129052-77951	CONNECTOR, STARTER	1							
25	2	129052-77960	HOUSING	1							

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

Fig.16. GENERATOR



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

				(A)=3TNE84-GB2BT (B)= (C)=	(D)= (E)= (F)=	Q'ty		I	R
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	129795-01900	STUD	1					
2	1	171301-77201	DYNAMO ASSY, 15A	1					
3	2	XM08137	PLATE ASSY	1					
5	3	XM08180	STATOR SET	1					
6	3	XM27436	BEARING, BALL	1					
7	3	XM17878	COUPLER	1					
8	3	XM36410	CLAMP	1					
9	3	26022-040252	SCREW, M4X25	2					
10	3	XYSPS4008	SCREW	1					
11	2	XM82184	FLYWHEEL ASSY	1					
17	2	106383-44720	SPACER	1					
18	2	106383-44730	WASHER	1					
19	2	22212-100000	SPRING WASHER 10	1					
20	2	26716-100002	NUT, M10	1					
22	1	26306-100002	NUT, M10	1					
23	1	129410-77330	ADJUSTER	1					
24	1	119810-77340	BOLT, ADJUSTER	1					

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.17. ELECTRICAL PARTS

(D)=
(E)=

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

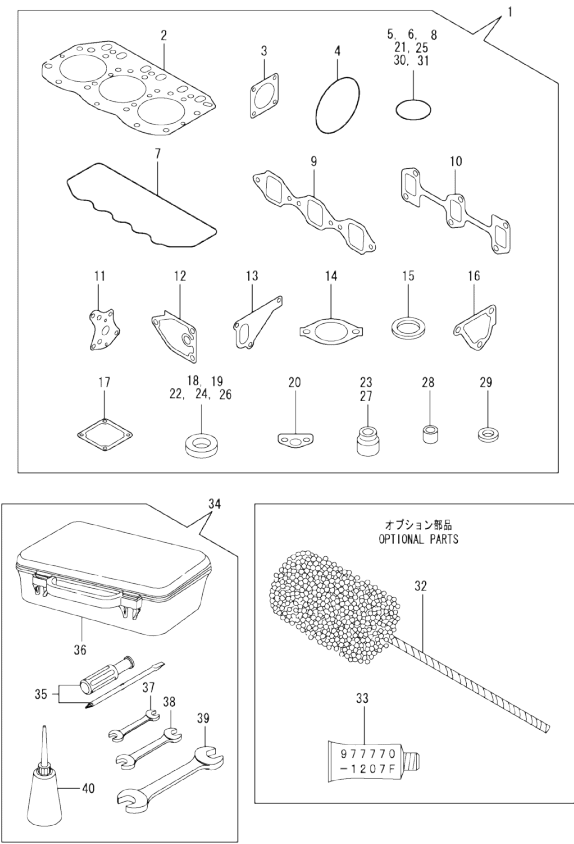
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0CW10-M53000 3TNE84-GB2BT

Fig.18. GASKET SET & TOOLS



Remarks
(1) OPTIONAL PARTS.

0CW10-M53000 Fig.18

(A)=3TNE84-GB2BT
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729012-92640	GASKET SET	1							1
2	2	129002-01331	GASKET, HEAD	1							
3	2	129004-13200	GASKET, SILENCER	1							
4	2	121850-51960	O-RING	1							
5	2	24311-000320	O-RING, 1AP32.0	2							
6	2	24311-000120	O-RING, 1AP12.0	3							
7	2	129150-11310	GASKET, BONNET	1							
8	2	119609-32040	O-RING, P16	2							
9	2	129150-12111	GASKET, MANIFOLD	1							
10	2	129150-13110	GASKET	1							
11	2	129150-32020	GASKET, PUMP	1							
12	2	129150-35111	GASKET	1							
13	2	129486-42021	GASKET, WATER PUMP	1							
14	2	129795-49551	GASKET	1							
15	2	129150-49811	GASKET, THERMOSTAT	1							
16	2	124395-49840	GASKET	1							
17	2	129150-77511	GASKET	1							
18	2	124465-44950	GASKET, 16	2							
19	2	22190-220002	WASHER, SEAL 22	1							
20	2	129150-35042	GASKET	1							
21	2	24341-000240	O-RING, 1AS24.0	1							
22	2	22190-080002	WASHER, SEAL 6	7							
23	2	121400-11340	SEAL, VALVE STEM	3							
24	2	22190-100002	WASHER, SEAL 10	2							
25	2	129486-42140	O-RING, G30	1							
26	2	22190-120002	WASHER, SEAL 12	4							
27	2	124460-11340	SEAL, VALVE STEM	3							
28	2	119625-11870	PROTECTOR, NOZZLE	3							
29	2	119625-11880	SEAT, NOZZLE	3							
30	2	24341-000500	O-RING, 1AS50.0	1							
31	2	24311-000160	O-RING, 1AP16.0	1							
32	1	129400-92420	HONE	1							1
33	1	977770-1207F	GASKET LIQUID	1							1
34	1	721400-92102	BOX ASSY, TOOL	1							
35	2	104200-92350	DRIVER, SCREW	1							
36	2	104200-92600	BOX, TOOL	1							
37	2	28110-100120	SPANNER, 10X12	1							
38	2	28110-140170	SPANNER, 14X17	1							
39	2	28110-190220	SPANNER, 19X22	1							
40	2	28210-000140	OILER	1							

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{YES}{NO}$ New, R:Old $\frac{YES}{NO}$ New, S:Old $\frac{YES}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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104200-55341	14	18
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114250-53120	13	9
114250-53130	13	10
114250-53140	13	11
114250-53210	13	12
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119226-07900	4	2
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119247-77100	17	2
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	4	44
119625-11900	3	8
119640-01640	3	8
119643-66900	17	1
119643-77900	17	4
119650-77910	17	5
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121400-12560	5	16
121400-12570	5	17
121420-12511	5	6
121420-12540	5	9
121420-12550	5	10
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129001-02931	1	28
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129001-42040	10	14
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129002-22510	8	17
129002-22910	8	30
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129100-01760	3	7
129100-11100	4	17
129100-11130	4	19
129100-23910	8	29
129100-25061	7	9
129100-25900	7	15
129100-35301	9	20
129100-42051	10	3
129100-42121	10	4
129100-51560	11	49
129100-51570	11	50
129100-52101	11	75
129100-53000	13	2
129100-55650	14	3
129100-55670	14	4
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129150-01200	1	26
129150-02020	1	7
129150-02450	7	4
129150-02871	1	31
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129155-51140	11	9
129155-51180	11	11
129155-51200	11	13
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129155-51550	11	48
129155-51570	11	51
129155-51580	11	52
129155-51591	11	53
129155-51630	11	19
129155-51701	11	54
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129155-61130	12	8
129155-61140	12	9
129155-61202	12	10
129155-61360	12	14
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129155-61450	12	24
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129210-59130	13	58
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171051-01921	1	6
171061-12520	5	7
171064-12600	5	21
171081-55910	14	27
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171340-21580	8	12
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171340-44740	10	22
171350-03090	4	1
171350-13100	6	1
171351-12210	5	4
171351-12560	5	19
171351-12570	5	20
171351-12580	5	18
171353-44760	10	23
171488-61440	12	77
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		13
	9	50
		51
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	7	8
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	3	11
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26106-080252	3	12
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	5	3
26106-080352	3	20
	5	27
	9	21
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	3	13
	7	14
26106-080502	3	14
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Parts No.	Fig. No.	Ref. No.
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