

0CD50-M00220EN

P R E F A C E

This parts catalog is the 1st edition of 3TNM72-HHFCG for Himoinsa.

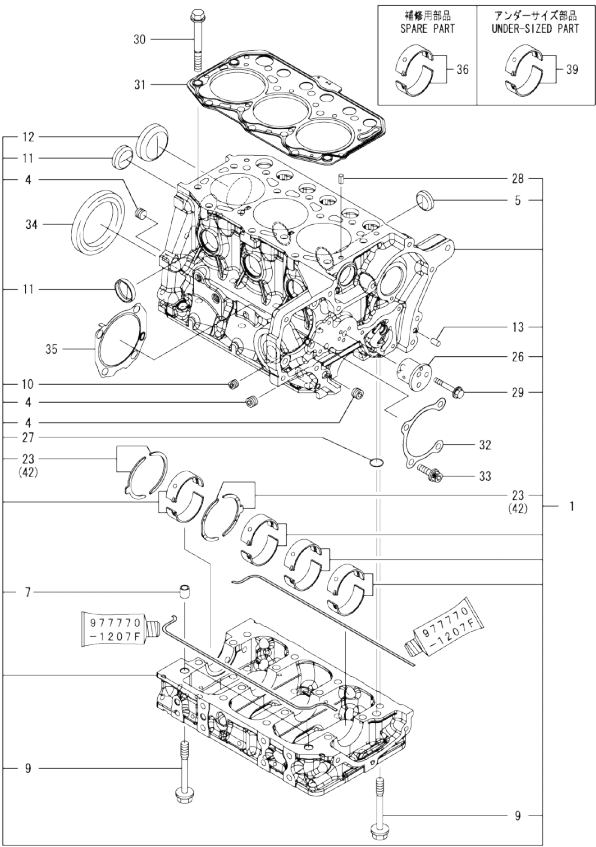
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OCD50-M00220 3TNM72-HHFCG
Fig.1. CYLINDER BLOCK



Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

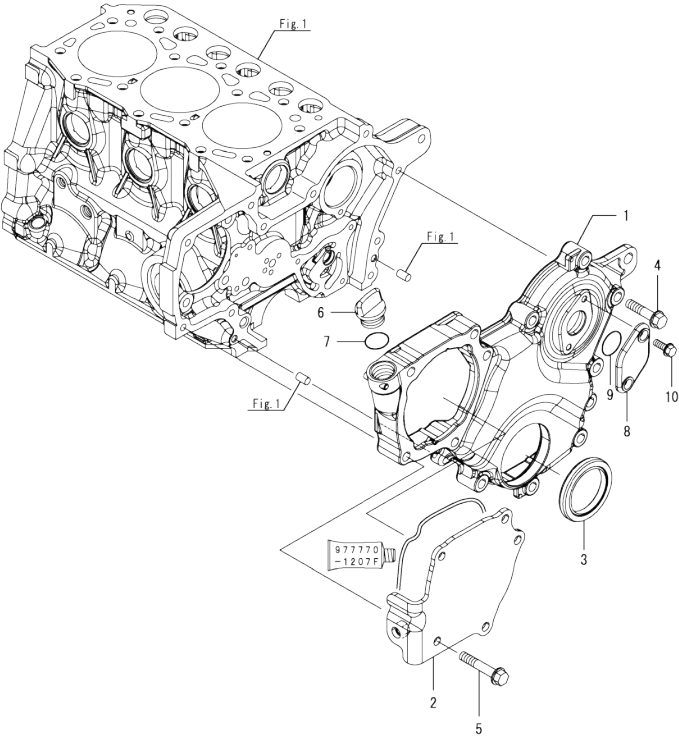
OCD50-M00220 Fig.1

(A)=3TNM72-HHFCG
(B)=
(C)=

(D)=
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(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119027-01560	BLOCK ASSY, CYLINDER	1							
4	2	124060-01050	PLUG, PT1/8	3							
5	2	119125-01970	PLUG, 25	3							
7	2	119125-01960	PIPE, KNOCK	2							
9	2	119125-02061	BOLT, METAL CAP	16							
10	2	23876-005000	PLUG, R005	1							
11	2	27241-300000	PLUG 30	4							
12	2	27241-450000	PLUG, 45	1							
13	2	119620-01620	PIN, M6X10	2							
23	2	119125-02930	BEARING, THRUST	2							
26	2	119125-25050	SHAFT, IDLE GEAR	1							
27	2	129900-32040	O-RING, P14	1							
28	2	22351-060012	PIN, SPRING 6.0X12	2							
29	2	26106-060402	BOLT, M6X 40 PLATED	3							
30	1	119515-01200	BOLT, HEAD	14							
31	1	119025-01332	GASKET, HEAD	1							
32	1	119125-01790	GASKET	1							
33	1	119125-01800	FLANGE BOLT, M8X1.25	4							
34	1	119734-02220	SEAL, OIL	1							
35	1	119125-51800	GASKET	1							
36	1	119125-02900	BEARING, MAIN	4							1
39	1	119125-02910	BEARING, 0.25 US	4							2
42	1	119125-02940	BEARING, THRUST 0.25	2							3

Fig.2. GEAR HOUSING

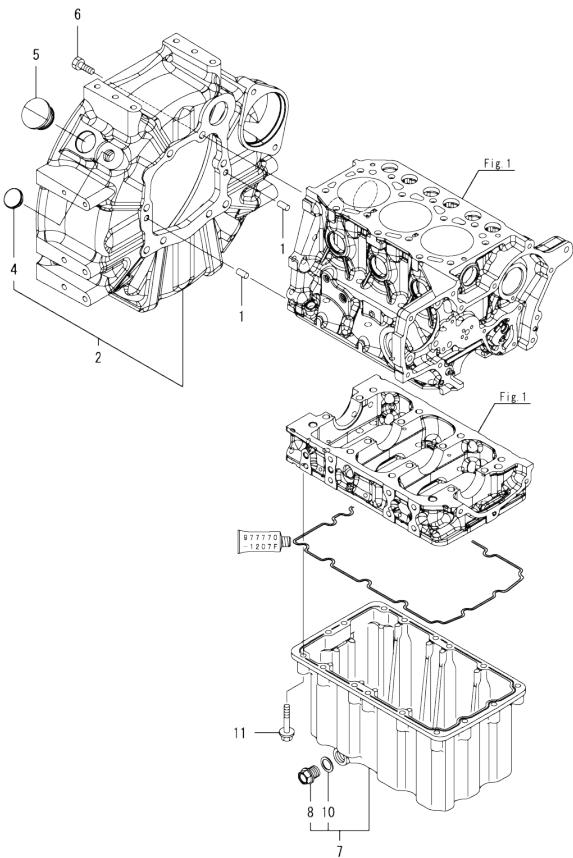


(A)=3TNM72-HHFCG
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(D)=
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(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119025-01530	CASE, GEAR	1							
2	1	119025-01750	COVER, PUMP TIMING	1							
3	1	119717-01800	SEAL, OIL	1							
4	1	26106-080352	BOLT, M8X 35 PLATED	8							
5	1	26106-080452	BOLT, M8X 45 PLATED	5							
6	1	106760-01770	CAP	1							
7	1	24311-000180	O-RING, 1A18.0	1							
8	1	121023-01551	COVER	1							
9	1	24341-000240	O-RING, 1A24.0	1							
10	1	26106-060162	BOLT, M6X 16 PLATED	2							

Fig.3. FLYWHEEL HOUSING & OIL SUMP



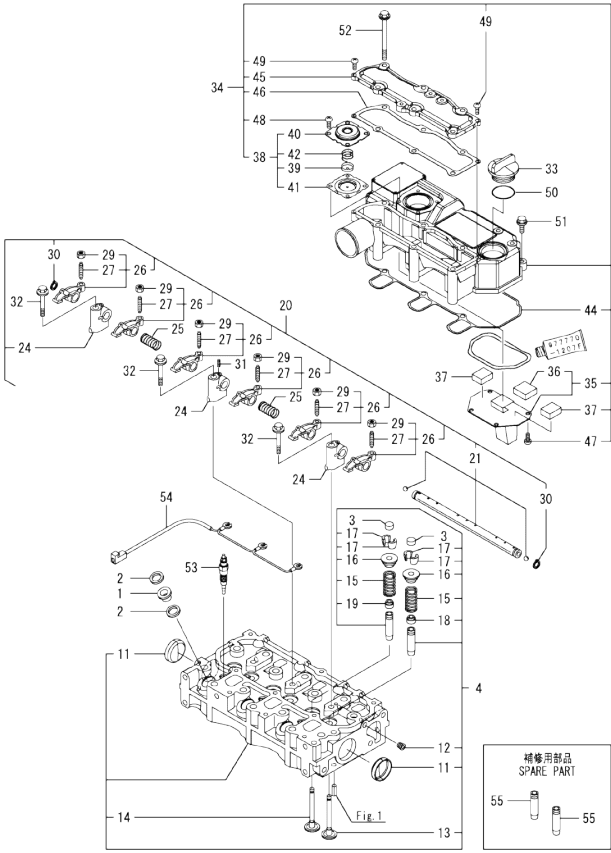
(A)=3TNM72-HHFCG
(B)=
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(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, 8X16	2							
2	1	119D00-01610	HOUSING ASSY, WHEEL	1							
4	2	119888-01850	PLUG, RUBBER	1							
5	1	119620-01750	CAP	1							
6	1	26206-100252	BOLT, M10X 25 PLATED	8							
7	1	119025-01760	SUMP ASSY, OIL	1							
8	2	119025-01690	PLUG, DRAIN 16	1							
10	2	22190-160002	WASHER, SEAL 16	1							
11	1	26106-060352	BOLT, M6X 35 PLATED	16							

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Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

OCD50-M00220 Fig.4

(A)=3TNM72-HHFCG
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129901-11450	PROTECTOR, NOZZLE	3							
2	1	119600-11460	GASKET, NOZZLE	6							
3	1	105010-11490	CAP, VALVE	6							
4	1	119517-11740	HEAD ASSY, CYLINDER	1							
11	2	119285-11990	PLUG, 35	2							
12	2	23876-005000	PLUG, R005	1							
13	2	119515-11101	VALVE, INTAKE	3							
14	2	119515-11110	VALVE, EXHAUST	3							
15	2	119717-11131	SPRING, VALVE	6							
16	2	129508-11180	RETAINER, SPRING	6							
17	2	119717-11190	COTTER	12							
18	2	119717-11340	SEAL, VALVE STEM	3							
19	2	119717-11350	SEAL, VALVE STEM	3							
20	1	119515-11200	SUPPORT ASSY, ARM	1							
21	2	119515-11240	SHAFT ASSY, ROCKER	1							
24	2	119717-11260	SUPPORT, ROCKER ARM	3							
25	2	119515-11280	SPRING	2							
26	2	119717-11650	ARM, ROCKER	6							
27	3	129150-11230	SCREW, VALVE ADJUST	6							
29	3	129150-11750	NUT, M8	6							
30	2	22242-000120	RING, 12	2							
31	2	26979-050162	SCREW, M5X16	1							
32	1	26106-080402	BOLT, M8X 40 PLATED	3							
33	1	124160-01751	COVER, FILLER	1							
34	1	119515-11380	BONNET ASSY, HEAD	1							
35	2	119717-03031	PLATE	1							
36	3	119717-03070	BAFFLE, BREATHER	1							
37	2	119717-03070	BAFFLE, BREATHER	2							
38	2	119802-03100	DIAPHRAGM ASSY	1							
39	3	119802-03110	PLATE	1							
40	3	119802-03121	COVER, DIAPHRAGM	1							
41	3	119802-03131	DIAPHRAGM	1							
42	3	119802-03141	SPRING, DIAPHRAGM	1							
44	2	119515-11310	GASKET, BONNET	1							
45	2	119515-11320	COVER, BONNET	1							
46	2	119515-11330	GASKET	1							
47	2	22857-500100	SCREW, 5X10	4							
48	2	22857-500100	SCREW, 5X10	4							
49	2	22857-500160	SCREW, 5X16	2							
50	1	24311-000320	O-RING, 1AP32.0	1							
51	1	26106-060202	BOLT, M6X 20 PLATED	3							
52	1	26106-060752	BOLT, M6X 75 PLATED	6							
53	1	119125-77800	PLUG, GLOW	3							
54	1	119125-77820	CONNECTOR, GLOW PLUG	1							
55	1	119515-11800	GUIDE, VALVE	6							1

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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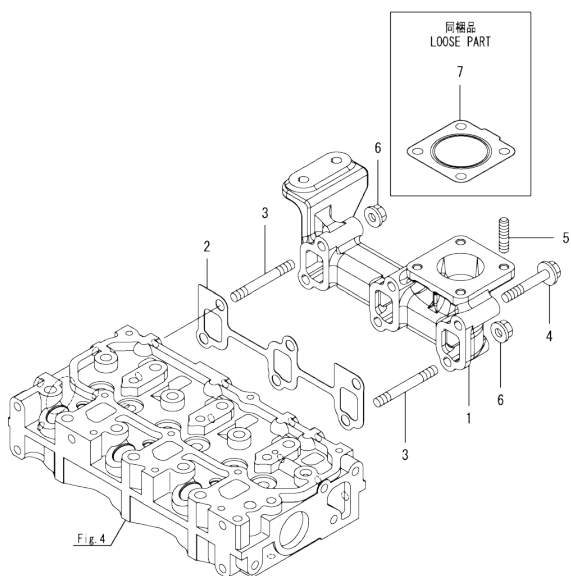
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Fig.6. EXHAUST MANIFOLD

(D)=
(E)=

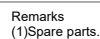
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119717-13109	MANIFOLD, EXHAUST	1							
2	1	119717-13110	GASKET	1							
3	1	119717-13600	STUD, M8X50	2							
4	1	119802-13620	BOLT, M8X50	4							
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	119515-13200	GASKET, SILENCER	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:Qty Change
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Fig.7. CAMSHAFT & DRIVING GEAR

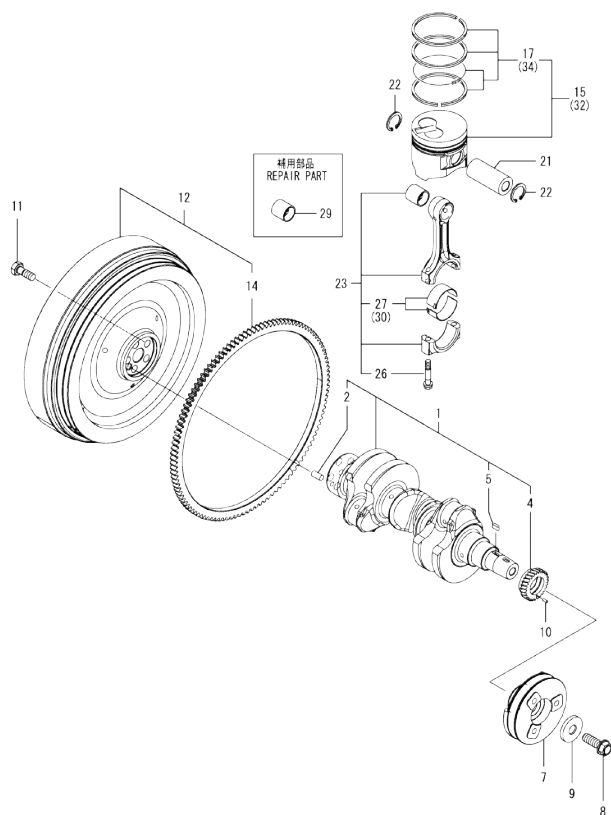


(A)=3TNM72-HHFCG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119620-14200	TAPPET	6							
2	1	119515-14400	ROD, PUSH	6							
3	1	119025-14580	CAMSHAFT ASSY	1							
4	2	119620-02450	BEARING, THRUST	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	119025-25100	GEAR ASSY, IDLE	1							
12	1	129150-25301	BOLT	4							
13	1	119125-25930	GEAR, PUMP	1							
14	1	119717-51150	FLANGE	1							
15	1	119125-25910	BUSH, IDLE GEAR	1							1

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



Remarks
(1) Spare parts.
(2) Under-sized (U.S.=0.25) parts.
(3) Over-sized (O.S.=0.25) parts.

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119025-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, 8X16	1							
4	2	119125-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	119125-21650	V-PULLEY	1							
8	1	119621-21681	BOLT, FLANGE 12X1.25	1							
9	1	119620-21941	WASHER	1							
10	1	22351-030010	PIN, SPRING 3.0X10	1							
11	1	121111-21501	BOLT, FLYWHEEL	5							
12	1	119D00-21580	FLYWHEEL ASSY	1							
14	2	119865-21600	GEAR, RING	1							
15	1	119517-22090	PISTON ASSY	3							
17	2	119517-22500	RING SET, PISTON	3							
21	1	119515-22300	PIN, PISTON	3							
22	1	22252-000220	RING, 22	6							
23	1	119515-23000	ROD ASSY, CONNECTING	3							
26	2	119717-23200	BOLT, CONNECTING ROD	6							
27	2	119515-23601	BEARING, CRANK PIN	3							
29	1	119717-23910	BEARING, PISTON PIN	3							1
30	1	119515-23611	METAL ASSY, 0.25	3							2
32	1	119025-22900	PISTON ASSY	3							3
34	2	119609-22950	RING SET, 0.25 OS	3							

Fig.9. LUB. OIL SYSTEM



(A)=3TNM72-HHFCG
(B)=
(C)=

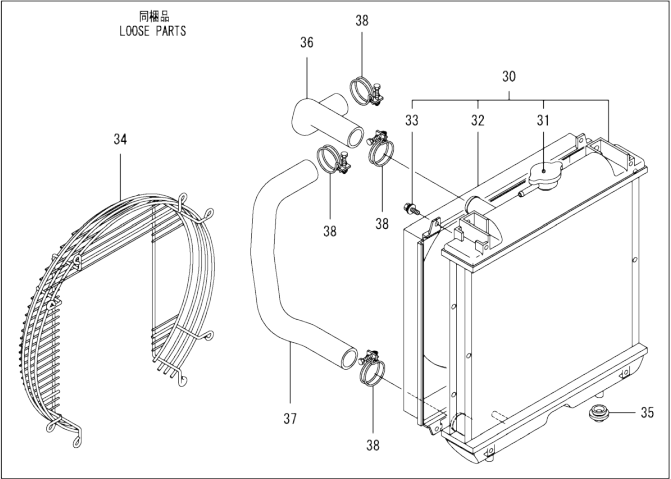
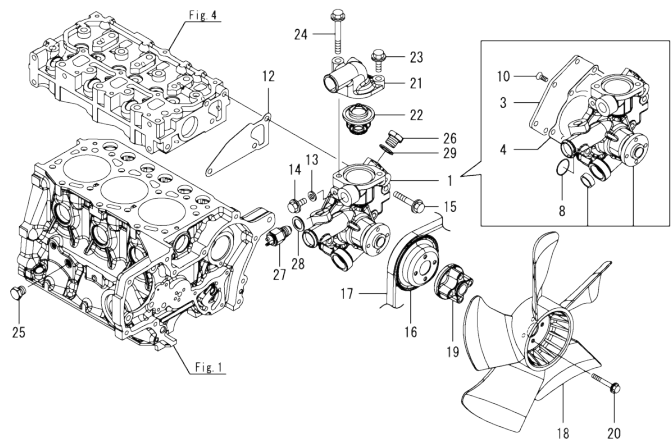
(D)=
(E)=
(F)=

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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

OCD50-M00220 3TNM72-HHFCG

Fig.10. COOLING WATER SYSTEM

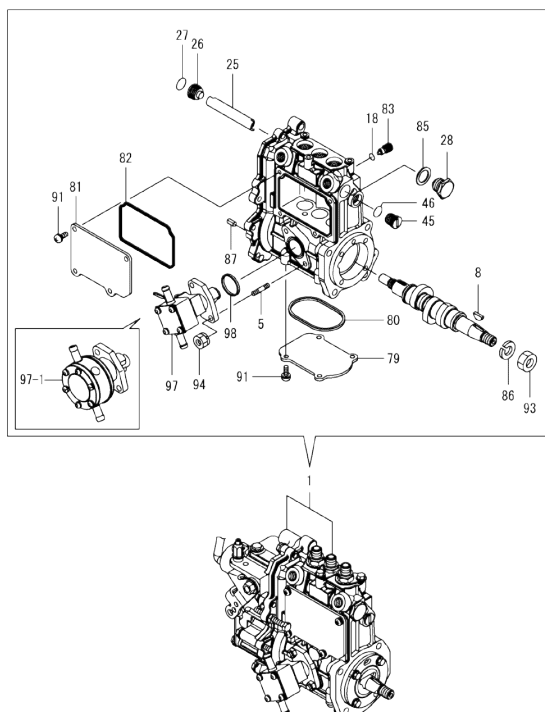


OCD50-M00220 Fig.10

(A)=3TNM72-HHFCG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119025-42000	PUMP ASSY, WATER	1							
3	2	119025-42020	COVER	1							
4	2	119025-42030	GASKET, WATER PUMP	1							
8	2	119685-42281	O-RING	1							
10	2	26577-060122	SCREW, M6X12	5							
12	1	119515-42020	GASKET, WATER PUMP	1							
13	1	23414-080000	GASKET, 8X1.0	1							
14	1	26106-080122	BOLT, M8X 12 PLATED	1							
15	1	26106-080452	BOLT, M8X 45 PLATED	3							
16	1	119740-42350	V-PULLEY, D=90	1							
17	1	25132-003400	V-BELT, A34	1							
18	1	119265-44740	FAN, D=310X5F	1							
19	1	129457-44760	SPACER, FAN	1							
20	1	26106-060452	BOLT, M6X 45 PLATED	4							
21	1	124101-49531	COVER, THERMOSTAT	1							
22	1	119717-49800	THERMOSTAT, 71	1							
23	1	26106-080252	BOLT, M8X 25 PLATED	1							
24	1	26106-080652	BOLT, M8X 65 PLATED	1							
25	1	171056-49120	PLUG, DRAIN	1							
26	1	121450-42450	PLUG, M16	1							
27	1	121250-44901	SWITCH, 110	1							
28	1	124465-44950	GASKET, 16	1							
29	1	124465-44950	GASKET, 16	1							
30	1	119515-44560	RADIATOR	1							
31	2	129107-44590	CAP, RADIATOR	1							
32	2	119515-44600	SHROUD	1							
33	2	26014-060122	BOLT, M6X 12	4							
34	1	119802-44560	GUARD	1							
35	1	119255-44660	ABSORBER	2							
36	1	119128-49050	PIPE, WATER	1							
37	1	119128-49060	PIPE, WATER	1							
38	1	23010-038000	CLAMP, 38	4							

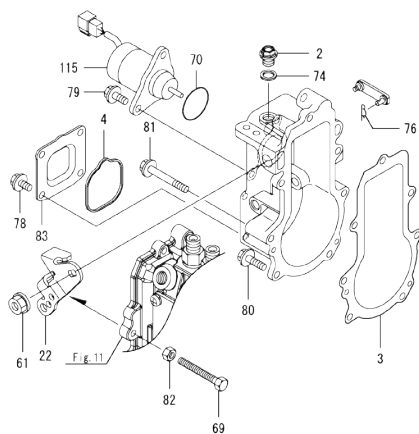


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719028-51320	FIE ASSY	1							
5	2	129155-51020	BOLT, STUD	2							
8	2	122710-51090	FEATHER KEY,WOODRUFF	1							
18	2	129155-51280	O-RING, S6	1							
25	2	129155-51400	DEFLECTOR	1							
26	2	158600-51410	PLUG, DEFLECTOR	1							
27	2	119717-51420	O-RING	1							
28	2	158600-51420	PLUG, DEFLECTOR	1							
45	2	158600-51570	PLUG, RACK	1							
46	2	129155-51580	O-RING	1							
79	2	119125-51700	COVER, PUMP	1							
80	2	119717-51711	GASKET	1							
81	2	119717-51750	COVER	1							
82	2	119717-51761	GASKET	1							
83	2	158600-51790	STOPPER, RACK	1							
85	2	22190-160002	WASHER, SEAL 16	1							
86	2	22217-120000	WASHER, SPRING 12	1							
87	2	22351-050010	PIN, SPRING 5.0X10	2							
91	2	26022-050122	SCREW, M5X12	8							
93	2	26716-120002	NUT, M12	1							
94	2	119717-51860	NUT, M6	2							
97	2	119125-52000	PUMP ASSY, FUEL FEED	1							
97-1	2	129100-52101	PUMP ASSY, FUEL FEED	1							R
(A=2020.06)											
98	2	129155-52051	GASKET	1							

Remarks

(1) Governor (Fig.12) is incorporated in this Fuel Injection Pump (No.1).

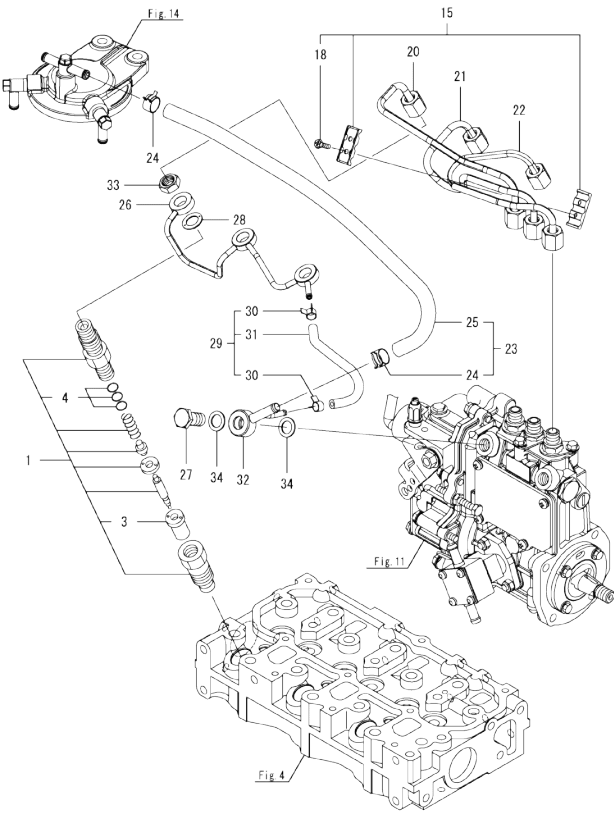
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* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.11).

				(A)=3TNM72-HHFCG (B)= (C)=			(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I	R
2	2	119717-51930	PLUG,M10	1							
3	2	119717-61050	GASKET	1							
4	2	119717-61070	GASKET	1							
22	2	119546-61440	LEVER, CONTROL	1							
61	2	26366-080002	NUT, M8	1							
69	2	129155-61460	BOLT, IDLE	1							
70	2	158552-61900	O-RING	1							
74	2	22190-100002	WASHER, SEAL 10	1							
76	2	22372-040000	PIN, SNAP 4	1							
78	2	26106-060102	BOLT, M6X 10 PLATED	4							
79	2	26106-060142	BOLT, M6X 14 PLATED	2							
80	2	26106-060202	BOLT, M6X 20 PLATED	4							
81	2	26106-060452	BOLT, M6X 45 PLATED	3							
82	2	26756-060002	NUT, LOCK M6	1							
83	2	119717-61060	COVER, GOVERNOR CASE	1							
115	2	119653-77950	SOLENOID, STOP	1							

Fig.13. FUEL INJECTION VALVE



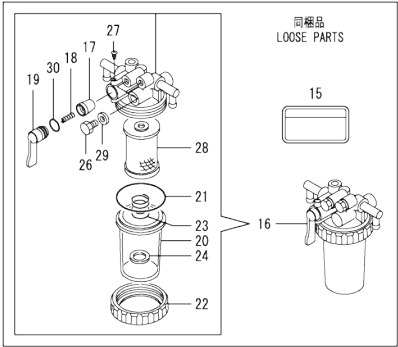
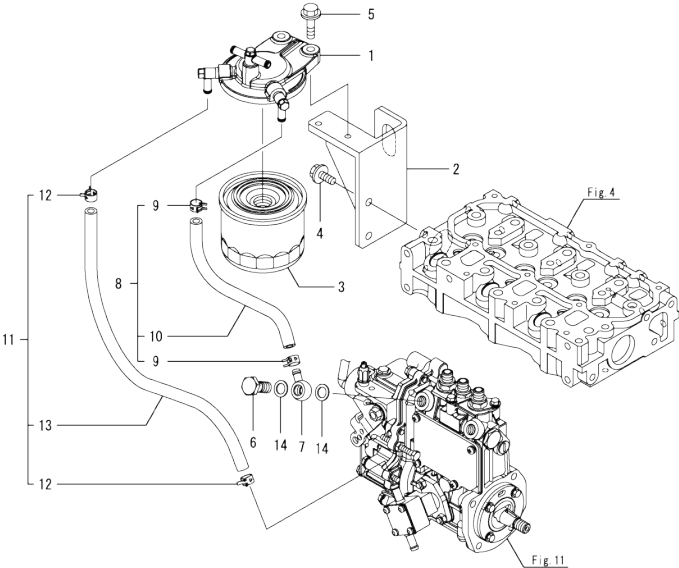
(A)=3TNM72-HHFCG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-53001	VALVE ASSY,INJECTION	3							
3	2	119515-53010	VALVE ASSY,INJECTION	3							
4	2	129901-53800	SHIM SET, ADJUSTING	3							1
15	1	129150-59120	RETAINER, PIPE	1							
18	2	129150-59131	BOLT, M4X14	2							
20	1	119025-59810	PIPE, FUEL INJECTION	1							
21	1	119025-59820	PIPE, FUEL INJECTION	1							
22	1	119025-59830	PIPE, FUEL INJECTION	1							
23	1	129210-59150	PIPE ASSY, FUEL	1							
24	2	124766-59050	CLIP, HOSE 11.5	2							
25	2	105025-59530	PIPE, FUEL D13X400	1							
26	1	119515-59540	PIPE ASSY, RETURN	1							
27	1	119125-59560	BOLT, PIPE JOINT	1							
28	1	129901-59560	GASKET	3							
29	1	119125-59570	PIPE ASSY, RETURN	1							
30	2	124066-59100	CLIP, HOSE 8	2							
31	2	119000-59550	PIPE, FUEL RETURN	1							
32	1	119840-59570	JOINT	1							
33	1	119620-59700	NUT, NOZZLE	3							
34	1	22190-120002	WASHER, SEAL 12	2							

Remarks
(1)Spare parts.

Fig.14. FUEL PIPE

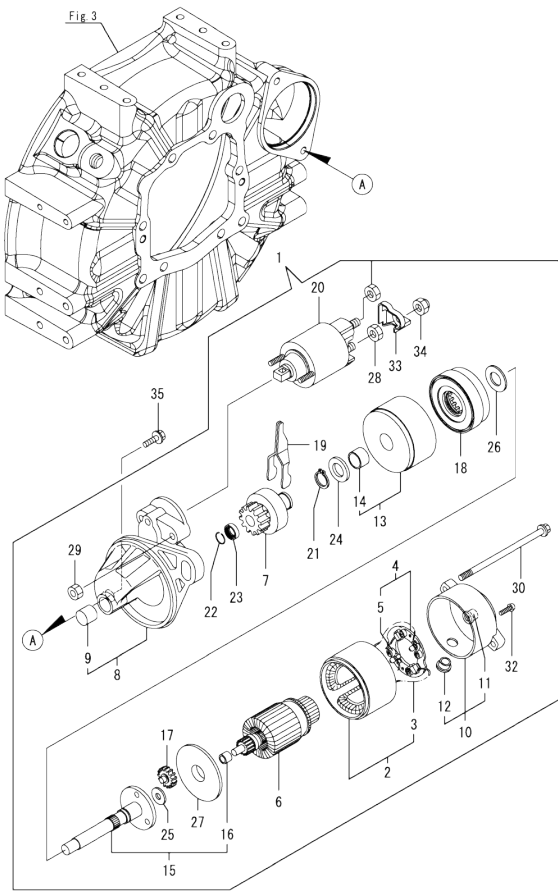


(A)=3TNM72-HHFCG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119934-55611	BRACKET, FILTER	1							
2	1	119540-55651	BRACKET, FILTER	1							
3	1	119802-55801	FILTER, FUEL	1							
4	1	26106-080162	BOLT, M8X 16 PLATED	2							
5	1	26106-080302	BOLT, M8X 30 PLATED	2							
6	1	103854-39140	BOLT, PIPE JOINT	1							
7	1	101304-59020	JOINT, PIPE 12	1							
8	1	129210-59050	PIPE ASSY, FUEL	1							
9	2	124766-59050	CLIP, HOSE 11.5	2							
10	2	105312-59510	PIPE, FUEL	1							
11	1	129210-59170	PIPE ASSY, FUEL	1							
12	2	124766-59050	CLIP, HOSE 11.5	2							
13	2	105225-59511	PIPE, FUEL	1							
14	1	22190-120002	WASHER, SEAL 12	2							
15	1	114110-07761	LABEL, FUEL OIL CAUT	1							
16	1	129335-55701	SEPARATOR ASSY, WATER	1							
17	2	104200-55321	VALVE, TAPER	1							
18	2	104200-55330	SPRING, VALVE	1							
19	2	104200-55341	HANDLE	1							
20	2	124064-55510	COVER	1							
21	2	102103-55520	O-RING	1							
22	2	110250-55610	RING, RETAINING	1							
23	2	121257-55720	SPRING	1							
24	2	121257-55731	FLOAT	1							
26	2	101720-55750	PLUG, 6	2							
27	2	104200-55750	SCREW, M4	1							
28	2	171081-55910	SCREEN	1							
29	2	23418-060000	GASKET, 6X1.0	2							
30	2	24311-240100	O-RING, 1AP10A	1							

OCD50-M00220 3TNM72-HHFCG
Fig.15. STARTING MOTOR



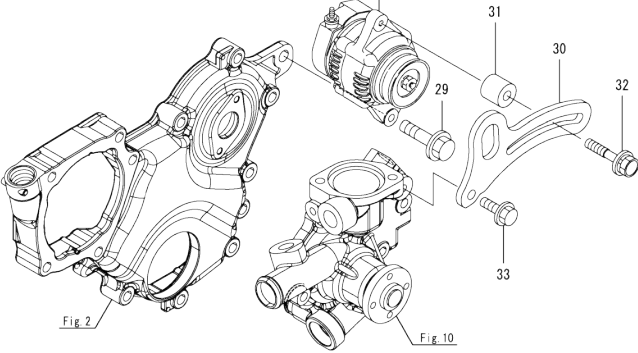
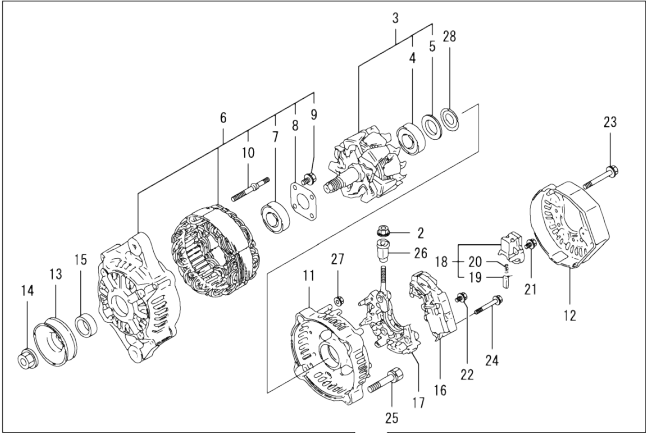
OCD50-M00220 Fig.15

(A)=3TNM72-HHFCG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-77010	STARTER	1							
2	2	X0281007680	YOKE ASSY	1							
3	3	X0280996180	STARTER KIT	2							
4	2	X0285105190	HOLDER ASSY	1							
5	3	X0285205030	SPRING	4							
6	2	X0282005871	ARMATURE ASSY	1							
7	2	X0283006960	CLUTCH ASSY	1							
8	2	X4284001590	HOUSING ASSY	1							
9	3	X9491050100	BEARING, NEEDLE	1							
10	2	X0285007030	FRAME ASSY	1							
11	3	X9491040990	BEARING	1							
12	3	X0280626010	COVER	1							
13	2	X0284105040	BEARING ASSY	1							
14	3	X9491034330	BEARING	1							
15	2	X0286105010	SHAFT ASSY	1							
16	3	X9491034320	BEARING	1							
17	2	X0286305010	GEAR	3							
18	2	X0286355010	GEAR	1							
19	2	X0287405140	LEVER	1							
20	2	X0534007800	SWITCH ASSY	1							
21	2	X9055715000	RING	1							
22	2	X9490721360	RING	1							
23	2	X0280210331	NUT	1							
24	2	X9490138110	WASHER	1							
25	2	X9490138090	WASHER	1							
26	2	X9490138100	WASHER	1							
27	2	X0284525010	PLATE	1							
28	2	X9490562360	NUT	1							
29	2	X9490560750	NUT	2							
30	2	X9490423520	BOLT, THROUGH	2							
32	2	X9490065670	SCREW, M4X6	2							
33	2	X0280335360	COVER, TERMINAL	1							
34	2	X1289510130	NUT	1							
35	1	26106-100252	BOLT, M10X 25 PLATED	2							

Fig.16. GENERATOR

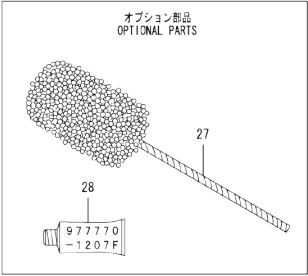
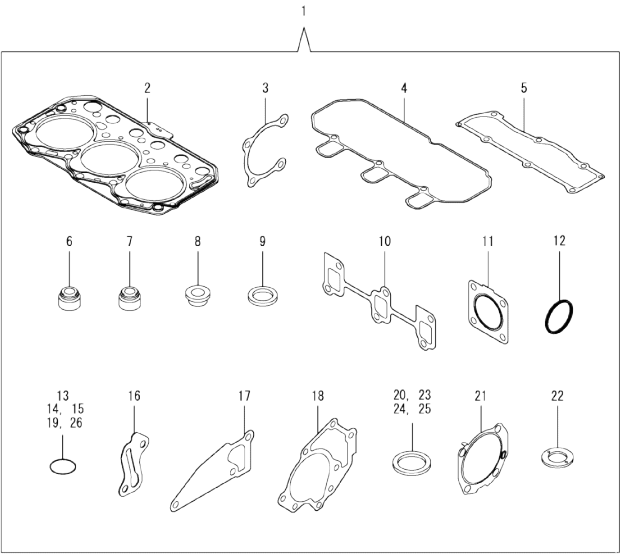


(A)=3TNM72-HHFCG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129423-77200	GENERATOR, 12V-40A	1							
2	2	X9490561001	NUT	1							
3	2	119620-77380	ROTOR ASSY	1							
4	3	123501-79240	BEARING, BALL	1							
5	3	119620-79250	COVER	1							
6	2	119620-77421	FRAME ASSY, DRIVE	1							
7	3	119620-79200	BEARING, BALL	1							
8	3	119620-79210	PLATE, RETAINER	1							
9	3	119620-79220	SCREW	4							
10	3	119620-79230	STUD	2							
11	2	119620-77440	FRAME ASSY	1							
12	2	129240-79300	COVER	1							
13	2	119620-77461	PULLEY	1							
14	2	119620-77471	NUT	1							
15	2	119620-77490	COLLAR	1							
16	2	129423-77710	REGULATOR ASSY	1							
17	2	119620-79260	HOLDER	1							
18	2	129052-79270	HOLDER, BRUSH	1							
19	3	119620-77480	BRUSH ASSY	2							
20	3	119620-79280	SPRING	2							
21	2	119620-79290	SCREW	6							
22	2	119620-79300	SCREW	1							
23	2	119620-79310	BOLT	3							
24	2	119620-79320	SCREW	2							
25	2	119620-79330	BOLT	2							
26	2	119620-79340	BUSH, INSULATION	1							
27	2	119620-79350	NUT	2							
28	2	119620-79360	WASHER, THRUST	1							
29	1	26106-100402	BOLT, M10X 40 PLATED	1							
30	1	119125-77330	ADJUSTER	1							
31	1	124732-77340	SPACER	1							
32	1	129972-77341	BOLT, ADJUSTER L=50	1							
33	1	26106-080202	BOLT, M8X 20 PLATED	1							

Fig.17. GASKET SET



Remarks
(1)Optional parts.

(A)=3TNM72-HHFCG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119025-92601	GASKET SET	1							1
2	2	119025-01332	GASKET, HEAD	1							
3	2	119125-01790	GASKET	1							
4	2	119515-11310	GASKET, BONNET	1							
5	2	119515-11330	GASKET	1							
6	2	119717-11340	SEAL, VALVE STEM	3							
7	2	119717-11350	SEAL, VALVE STEM	3							
8	2	129901-11450	PROTECTOR, NOZZLE	3							
9	2	119600-11460	GASKET, NOZZLE	6							
10	2	119717-13110	GASKET	1							
11	2	119515-13200	GASKET, SILENCER	1							
12	2	119C10-21930	PACKING, WASHER	1							
13	2	129900-32040	O-RING, P14	1							
14	2	119125-34900	O-RING	1							
15	2	119209-35030	O-RING, P11	1							
16	2	119125-39220	GASKET	1							
17	2	119515-42020	GASKET, WATER PUMP	1							
18	2	119025-42030	GASKET, WATER PUMP	1							
19	2	119209-42320	O-RING, P21 EPDM	1							
20	2	124465-44950	GASKET, 16	1							
21	2	119125-51800	GASKET	1							
22	2	129901-59560	GASKET	3							
23	2	22190-120002	WASHER, SEAL 12	5							
24	2	22190-160002	WASHER, SEAL 16	1							
25	2	23414-080000	GASKET, 8X1.0	1							
26	2	24311-000180	O-RING, 1AP18.0	2							
27	1	129400-92410	HONE	1							1
28	1	977770-1207F	GASKET.LIQUID	1							1

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101304-59020	14	7
101720-55750	14	26
102103-55520	14	21
103854-39140	14	6
104200-55321	14	17
104200-55330	14	18
104200-55341	14	19
104200-55750	14	27
105010-11490	4	3
105025-59530	13	25
105225-59511	14	13
105312-59510	14	10
106760-01770	2	6
110250-55610	14	22
114110-07761	14	15
114250-39450	9	14
119000-59550	13	31
119025-01332	1	31
	17	2
119025-01530	2	1
119025-01690	3	8
119025-01750	2	2
119025-01760	3	7
119025-14580	7	3
119025-21700	8	1
119025-22900	8	32
119025-25100	7	9
119025-34810	9	3
119025-42000	10	1
119025-42020	10	3
119025-42030	10	4
	17	18
119025-59810	13	20
119025-59820	13	21
119025-59830	13	22
119025-92601	17	1
119027-01560	1	1
119028-35080	9	9
119125-01790	1	32
	17	3
119125-01800	1	33
119125-01960	1	7
119125-01970	1	5
119125-02061	1	9
119125-02900	1	36
119125-02910	1	39
119125-02930	1	23
119125-02940	1	42
119125-21200	8	4
119125-21650	8	7

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119125-25050	1	26
119125-25910	7	15
119125-25930	7	13
119125-32000	9	1
119125-34810	9	5
119125-34900	9	4
	17	14
119125-39200	9	11
119125-39220	9	12
	17	16
119125-51700	11	79
119125-51800	1	35
	17	21
119125-52000	11	97
119125-59560	13	27
119125-59570	13	29
119125-77330	16	30
119125-77800	4	53
119125-77820	4	54
119128-49050	10	36
119128-49060	10	37
119131-18320	6	5
119209-35030	9	8
	17	15
119209-42320	17	19
119255-44660	10	35
119265-44740	10	18
119285-11990	4	11
119305-35151	9	15
119515-01200	1	30
119515-11101	4	13
119515-11110	4	14
119515-11200	4	20
119515-11240	4	21
119515-11280	4	25
119515-11310	4	44
	17	4
119515-11320	4	45
119515-11330	4	46
	17	5
119515-11380	4	34
119515-11800	4	55
119515-13200	6	7
	17	11
119515-14400	7	2
119515-22300	8	21
119515-23000	8	23
119515-23601	8	27
119515-23611	8	30
119515-42020	10	12

Parts No.	Fig. No.	Ref. No.
119515-42020	17	17
119515-44560	10	30
119515-44600	10	32
119515-53001	13	1
119515-53010	13	3
119515-59540	13	26
119515-77010	15	1
119517-11740	4	4
119517-22090	8	15
119517-22500	8	17
119540-55651	14	2
119546-61440	12	22
119600-11460	4	2
	17	9
119609-22950	8	34
119620-01620	1	13
119620-01750	3	5
119620-02450	7	4
119620-14200	7	1
119620-21941	8	9
119620-59700	13	33
119620-77380	16	3
119620-77421	16	6
119620-77440	16	11
119620-77461	16	13
119620-77471	16	14
119620-77480	16	19
119620-77490	16	15
119620-79200	16	7
119620-79210	16	8
119620-79220	16	9
119620-79230	16	10
119620-79250	16	5
119620-79260	16	17
119620-79280	16	20
119620-79290	16	21
119620-79300	16	22
119620-79310	16	23
119620-79320	16	24
119620-79330	16	25
119620-79340	16	26
119620-79350	16	27
119620-79360	16	28
119621-21681	8	8
119653-77950	12	115
119685-42281	10	8
119717-01800	2	3
119717-03031	4	35
119717-03070	4	36
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119717-11131	4	15
119717-11190	4	17
119717-11260	4	24
119717-11340	4	18
	17	6
119717-11350	4	19
	17	7
119717-11650	4	26
119717-13109	6	1
119717-13110	6	2
	17	10
119717-13600	6	3
119717-23200	8	26
119717-23910	8	29
119717-35140	9	6
119717-49800	10	22
119717-51150	7	14
119717-51420	11	27
119717-51711	11	80
119717-51750	11	81
119717-51761	11	82
119717-51860	11	94
119717-51930	12	2
119717-61050	12	3
119717-61060	12	83
119717-61070	12	4
119734-02220	1	34
119740-42350	10	16
119746-12530	5	1
119746-12550	5	9
119746-12600	5	10
119802-03100	4	38
119802-03110	4	39
119802-03121	4	40
119802-03131	4	41
119802-03141	4	42
119802-13620	6	4
119802-44560	10	34
119802-55801	14	3
119808-12520	5	2
119808-12540	5	5
119840-59570	13	32
119865-21600	8	14
119866-12541	5	6
119888-01850	3	4
119934-55611	14	1
119C10-21930	17	12
119D00-01610	3	2
119D00-21580	8	12
121023-01551	2	8

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Parts No.	Fig. No.	Ref. No.
121111-21501	8	11
121250-44901	10	27
121257-55720	14	23
121257-55731	14	24
121450-42450	10	26
122710-51090	11	8
123501-79240	16	4
124060-01050	1	4
124064-55510	14	20
124066-59100	13	30
124101-49531	10	21
124160-01751	4	33
124465-44950	10	28
	17	20
124732-77340	16	31
124766-59050	13	24
	14	9
	12	
126650-12680	5	8
129051-12530	5	3
129052-79270	16	18
129100-01580	3	1
	8	2
129100-52101	11	97 -1
129107-44590	10	31
129150-11230	4	27
129150-11750	4	29
129150-25301	7	12
129150-59120	13	15
129150-59131	13	18
129155-51020	11	5
129155-51280	11	18
129155-51400	11	25
129155-51580	11	46
129155-52051	11	98
129155-61460	12	69
129210-59050	14	8
129210-59150	13	23
129210-59170	14	11
129240-79300	16	12
129335-55701	14	16
129400-92410	17	27
129423-77200	16	1
129423-77710	16	16
129457-44760	10	19
129508-11180	4	16
129612-12650	5	7
129900-32040	1	27
	17	13

Parts No.	Fig. No.	Ref. No.
129901-11450	4	1
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129901-53800	13	4
129901-59560	13	28
	17	22
129972-77341	16	32
158552-61900	12	70
158600-51410	11	26
158600-51420	11	28
158600-51570	11	45
158600-51790	11	83
171056-49120	10	25
171081-55910	14	28
22190-100002	12	74
22190-120002	13	34
	14	14
	17	23
22190-160002	3	10
	11	85
	17	24
22217-120000	11	86
22242-000120	4	30
22252-000220	8	22
22351-030010	8	10
22351-050010	11	87
22351-060012	1	28
22372-040000	12	76
22512-040120	8	5
22857-500100	4	47
	48	
22857-500160	4	49
23000-054000	5	11
23000-060000	5	12
23010-038000	10	38
23414-080000	10	13
	17	25
23418-060000	14	29
23876-005000	1	10
	4	12
24311-000180	2	7
	17	26
24311-000320	4	50
24311-240100	14	30
24341-000240	2	9
25132-003400	10	17
26014-060122	10	33
26022-050122	11	91
26106-060102	9	10
	12	78
26106-060122	7	8

Parts No.	Fig. No.	Ref. No.
26106-060122	9	13
26106-060142	9	2
	12	79
26106-060162	2	10
26106-060202	4	51
	12	80
26106-060352	3	11
26106-060402	1	29
26106-060452	10	20
	12	81
26106-060752	4	52
26106-080122	10	14
26106-080162	14	4
26106-080202	16	33
26106-080252	10	23
26106-080302	14	5
26106-080352	2	4
26106-080402	4	32
26106-080452	2	5
	10	15
26106-080652	10	24
26106-100252	15	35
26106-100402	16	29
26206-100252	3	6
26306-080002	6	6
26366-080002	12	61
26577-060122	10	10
26716-120002	11	93
26756-060002	12	82
26979-050162	4	31
27241-300000	1	11
27241-450000	1	12
719028-51320	11	1
977770-1207F	17	28
X0280210331	15	23
X0280335360	15	33
X0280626010	15	12
X0280996180	15	3
X0281007680	15	2
X0282005871	15	6
X0283006960	15	7
X0284105040	15	13
X0284525010	15	27
X0285007030	15	10
X0285105190	15	4
X0285205030	15	5
X0286105010	15	15
X0286305010	15	17
X0286355010	15	18
X0287405140	15	19

Parts No.	Fig. No.	Ref. No.
X0534007800	15	20
X1289510130	15	34
X4284001590	15	8
X9055715000	15	21
X9490065670	15	32
X9490138090	15	25
X9490138100	15	26
X9490138110	15	24
X9490423520	15	30
X9490560750	15	29
X9490561001	16	2
X9490562360	15	28
X9490721360	15	22
X9491034320	15	16
X9491034330	15	14
X9491040990	15	11
X9491050100	15	9