

0CD50-M05220EN

P R E F A C E

This parts catalog is the 1st edition of 3TNV80F-SNLY for Liugong.

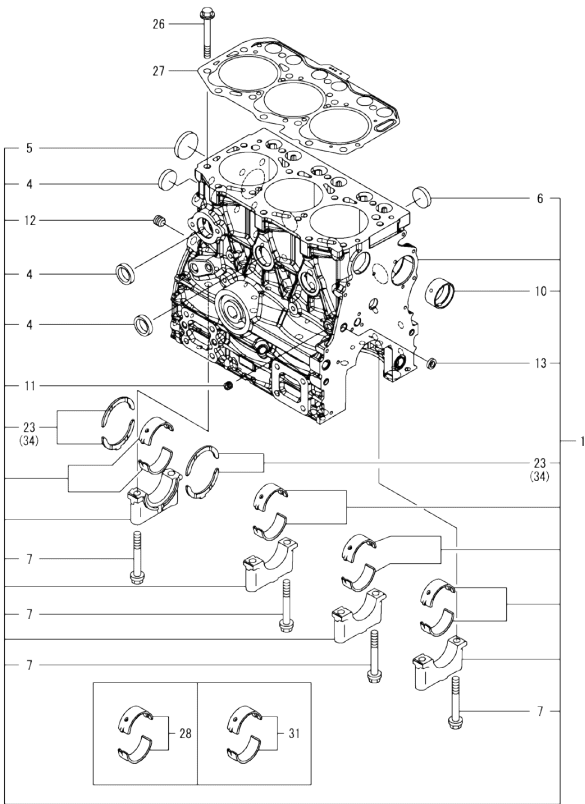
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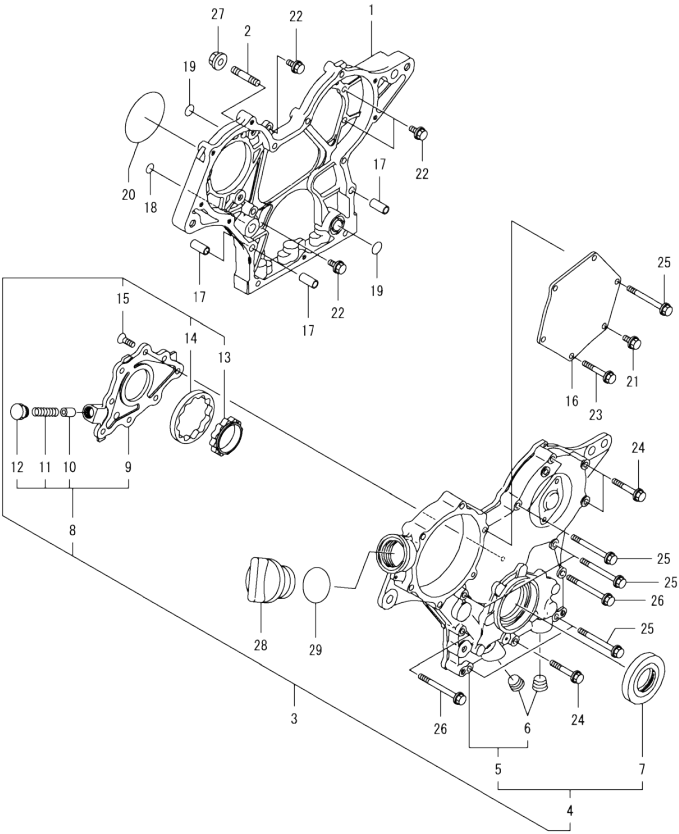
Fig.1. CYLINDER BLOCK



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E00-01560	BLOCK ASSY, CYLINDER	1							
4	2	105311-01090	PLUG, 30	4							
5	2	119623-01250	PLUG, 45	1							
6	2	119285-01990	PLUG, 25	3							
7	2	119620-02020	BOLT, METAL CAP	8							
10	2	119717-02411	BUSH, CAMSHAFT	1							
11	2	124060-01050	PLUG, PT1/8	1							
12	2	124160-01910	PLUG, PT1/4	1							
13	2	27241-120000	PLUG, 12	1							
23	2	119717-02930	METAL ASSY, THRUST	2							
26	1	119810-01200	BOLT, CYLINDER HEAD	14							
27	1	119E10-01330	GASKET SET, HEAD	1							
28	1	719717-02901	METAL ASSY, MAIN	4							1
31	1	719717-02911	METAL ASSY, MAIN .25	4							2
34	1	119810-02941	METAL ASSY, 0.25 OS	2							3

Fig.2. GEAR HOUSING

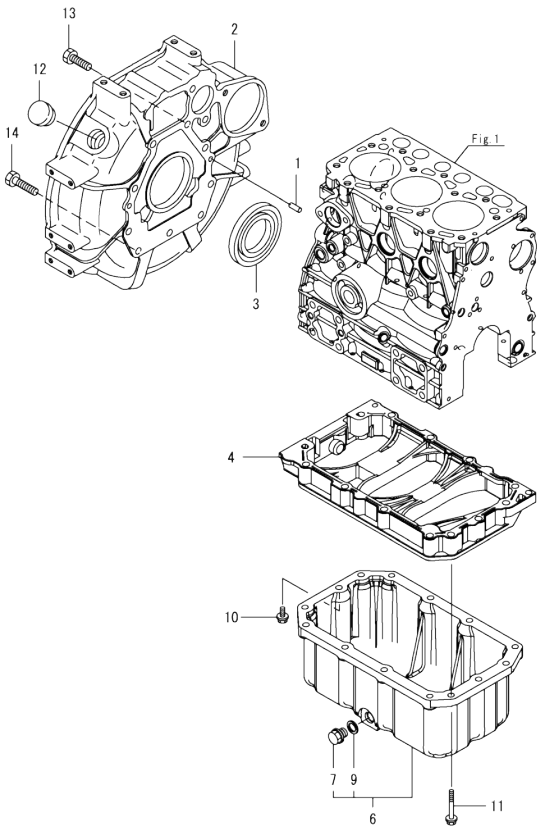


(A)=3TNV80F-SNLY
(B)=
(C)=

(D)=
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(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-01501	CASE, GEAR	1							
2	1	119717-01570	STUD	3							
3	1	119734-01590	COVER ASSY, CASE	1							
4	2	719734-01500	COVER ASSY, CASE	1							
5	3	119717-01521	COVER, GEAR CASE	1							
6	4	23876-030000	PLUG, R03	2							
7	3	119717-01800	SEAL, OIL	1							
8	2	119717-32100	COVER ASSY, PUMP	1							
9	3	119717-32080	COVER, OIL PUMP	1							
10	3	129900-32130	VALVE, RELIEF	1							
11	3	129001-32320	SPRING	1							
12	3	129001-32330	PLUG	1							
13	2	119717-32110	ROTOR, INNER	1							
14	2	119717-32120	ROTOR, OUTER	1							
15	2	119802-32130	SCREW, M6X16	8							
16	1	119717-01750	COVER, PUMP	1							
17	1	119660-01911	PIPE, KNOCK 6X17	4							
18	1	119624-32040	O-RING, P12.0	1							
19	1	119717-32050	O-RING, P17.0	3							
20	1	121850-51960	O-RING, FUEL PUMP	1							
21	1	26106-060122	BOLT, M6X 12 PLATED	1							
22	1	26106-060162	BOLT, M6X 16 PLATED	4							
23	1	26106-060402	BOLT, M6X 40 PLATED	4							
24	1	26106-060402	BOLT, M6X 40 PLATED	3							
25	1	26106-060602	BOLT, M6X 60 PLATED	7							
26	1	26106-060652	BOLT, M6X 65 PLATED	2							
27	1	26306-080002	NUT, M8	3							
28	1	124160-01751	CAP, FILLER	1							
29	1	24311-000320	O-RING, 1AP32.0	1							

Fig.3. FLYWHEEL HOUSING & OIL SUMP

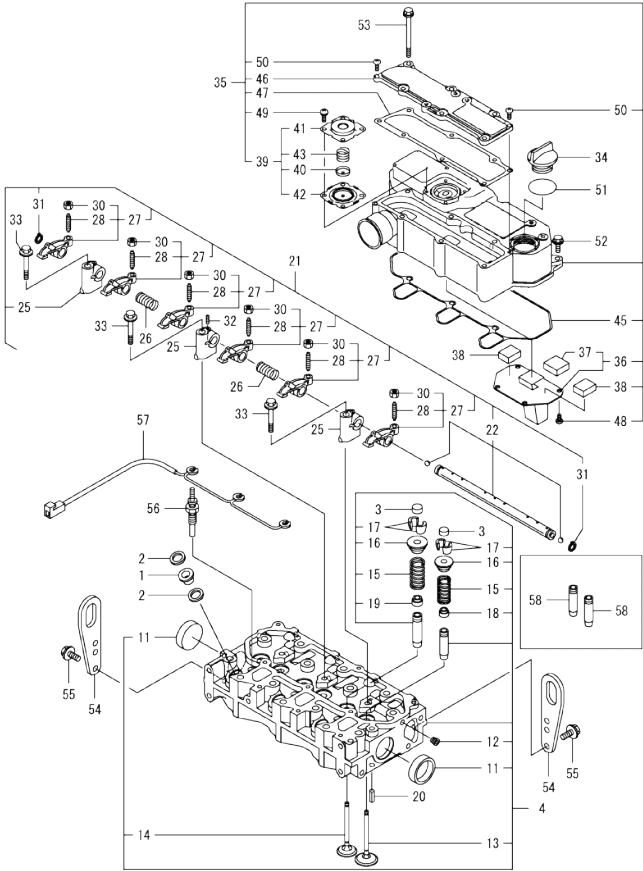


(A)=3TNV80F-SNLY
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	119717-01601	HOUSING, FLYWHEEL	1							
3	1	119734-02220	SEAL, OIL WHEEL SIDE	1							
4	1	119717-01720	SPACER, OIL PAN	1							
6	1	119746-01790	OIL PAN ASSY	1							
7	2	105425-01690	PLUG, DRAIN M16	1							
9	2	22190-160002	WASHER, SEAL 16	1							
10	1	26106-080252	BOLT, M8X 25 PLATED	1							
11	1	26106-080602	BOLT, M8X 60 PLATED	13							
12	1	119620-01750	CAP, WHEEL COVER	1							
13	1	26206-100252	BOLT, M10X 25 PLATED	8							
14	1	26206-100302	BOLT, M10X 30 PLATED	3							

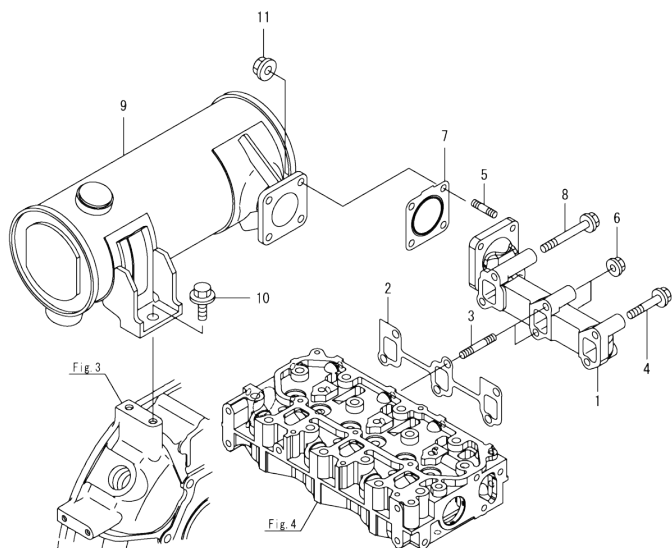
Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

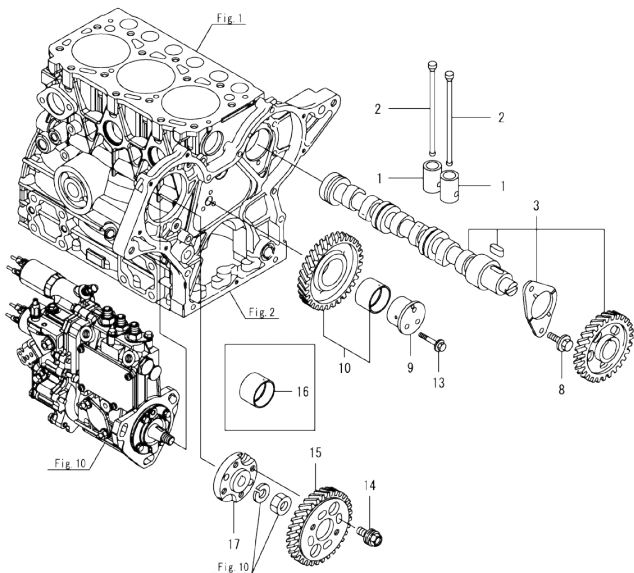
(A)=3TNV80F-SNLY
(D)=
(E)=
(F)=

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	119E10-11740	HEAD ASSY, CYLINDER	1							
11	2	119285-11990	PLUG, 35	2							
12	2	23876-005000	PLUG, R005	1							
13	2	119E10-11100	VALVE, INTAKE	3							
14	2	119E10-11110	VALVE, EXHAUST	3							
15	2	119717-11131	SPRING, VALVE	6							
16	2	129508-11180	RETAINER, SPRING	6							
17	2	119717-11190	COTTER, VALVE	12							
18	2	119717-11340	SEAL, VALVE STEM	3							
19	2	119717-11350	SEAL, VALVE STEM	3							
20	1	22351-060012	PIN, SPRING 6.0X12	2							
21	1	119717-11200	SUPPORT ASSY, ROCKER	1							
22	2	119717-11240	SHAFT ASSY, ARM	1							
25	2	119717-11260	SUPPORT, ROCKER ARM	3							
26	2	119620-11280	SPRING, SHAFT	2							
27	2	119717-11650	ARM ASSY, ROCKER INT	6							
28	3	129150-11230	SCREW, VALVE ADJUST	6							
30	3	129150-11750	NUT, M8XP1.0	6							
31	2	22242-000120	RING, 12	2							
32	2	26979-050162	SCREW, M5X16	1							
33	1	26106-080402	BOLT, M8X 40 PLATED	3							
34	1	124160-01751	CAP, FILLER	1							
35	1	119717-11381	BONNET ASSY, HEAD	1							
36	2	119717-03031	PLATE, BAFFLE	1							
37	3	119717-03070	BAFFLE, BREATHER	1							
38	2	119717-03070	BAFFLE, BREATHER	2							
39	2	119802-03100	DIAPHRAGM ASSY	1							
40	3	119802-03110	PLATE, DIAPHRAGM	1							
41	3	119802-03121	COVER, DIAPHRAGM	1							
42	3	119802-03131	DIAPHRAGM, BREATHER	1							
43	3	119802-03141	SPRING, DIAPHRAGM	1							
45	2	119718-11310	GASKET, BONNET	1							
46	2	119717-11320	COVER, BONNET	1							
47	2	119717-11331	GASKET, BONNET COVER	1							
48	2	22857-500100	SCREW, 5X10	4							
49	2	22857-500100	SCREW, 5X10	4							
50	2	22857-500160	SCREW, 5X16	2							
51	1	24311-000320	O-RING, 1AP32.0	1							
52	1	26106-060202	BOLT, M6X 20 PLATED	3							
53	1	26106-060752	BOLT, M6X 75 PLATED	6							
54	1	119226-07900	LIFTER, ENGINE	2							
55	1	26106-080162	BOLT, M8X 16 PLATED	4							
56	1	119717-77801	PLUG, GLOW	3							
57	1	119717-77820	CONNECTOR, GLOW PLUG	1							
58	1	119717-11800	GUIDE, VALVE	6							1



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119740-13100	MANIFOLD, EXHAUST	1							
2	1	119717-13110	GASKET, MANIFOLD	1							
3	1	119717-13600	STUD, M8X50	2							
4	1	129E00-13610	BOLT, M8X50 10.9	2							
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	119515-13200	GASKET, SILENCER	1							
8	1	129E00-13630	BOLT, M8X71 10.9T	2							
9	1	119740-13500	SILENCER	1							
10	1	26106-100162	BOLT, M10X 16 PLATED	1							
11	1	26306-080002	NUT, M8	4							

Fig.6. CAMSHAFT & DRIVING GEAR



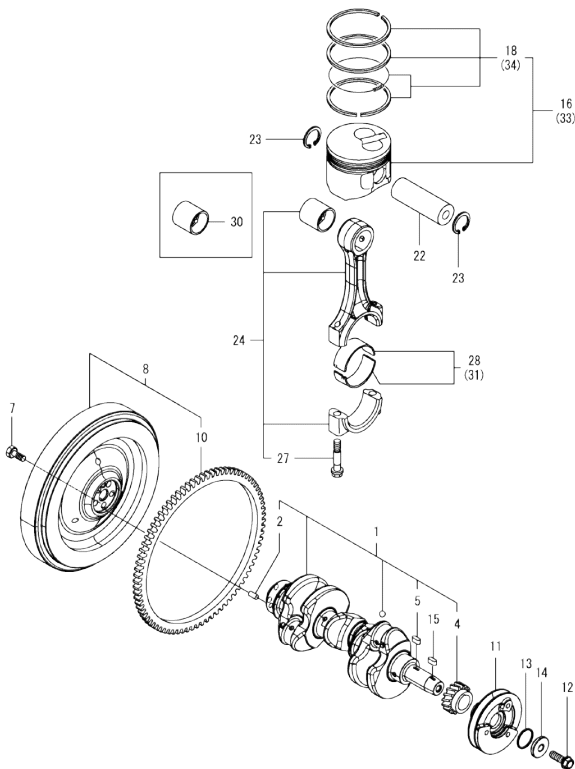
Remarks
(1)Spare parts.

(A)=3TNV80F-SNLY
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6							
2	1	119717-14400	ROD, PUSH	6							
3	1	119717-14581	CAMSHAFT ASSY	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	119717-25050	SHAFT, IDLE GEAR	1							
10	1	119717-25101	GEAR ASSY, IDLE	1							
13	1	26106-060352	BOLT, M6X 35 PLATED	3							
14	1	129150-25301	BOLT, INJECTION PUMP	4							
15	1	119717-25930	GEAR, PUMP	1							
16	1	119717-25911	BUSH, IDLE GEAR	1							1
17	1	119717-51150	FLANGE, CAMSHAFT	1							

Fig.7. CRANKSHAFT & PISTON



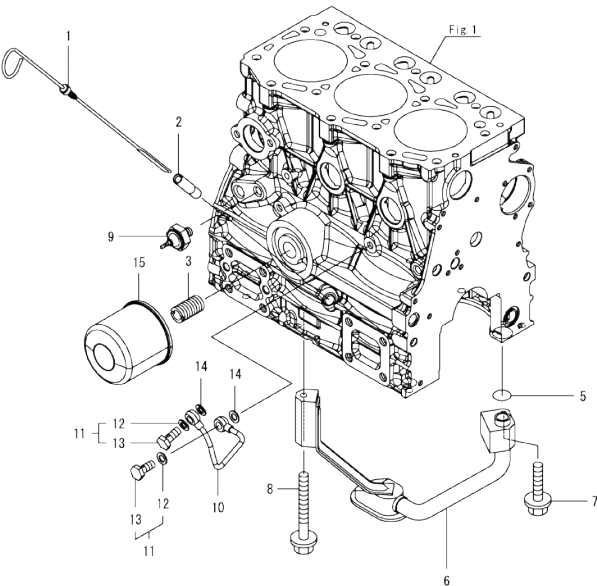
Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=3TNV80F-SNLY
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E10-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	1							
4	2	119717-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	121111-21501	BOLT, FLYWHEEL	5							
8	1	119E10-21590	FLYWHEEL ASSY	1							
10	2	119865-21600	GEAR, RING Z=116	1							
11	1	119C10-21650	V-PULLEY, CRANKSHAFT	1							
12	1	119621-21681	BOLT, FLANGE 12X1.25	1							
13	1	119C10-21931	PACKING, WASHER	1							
14	1	119C10-21940	WASHER, V-PULLEY	1							
15	1	22512-040120	KEY, 4X 12	1							
16	1	119E11-22080	PISTON ASSY	3							
18	2	119E10-22500	RING SET, PISTON	3							
22	1	119E10-22300	PIN, PISTON	3							
23	1	2252-000220	RING, 22	6							
24	1	119E10-23001	ROD ASSY, CONNECTING	3							
27	2	119717-23200	BOLT, CONNECTING ROD	6							
28	1	119717-23601	METAL ASSY,CRANK PIN	3							
30	1	119717-23911	BUSH, PISTON PIN	3							1
31	1	119717-23611	METAL ASSY, PIN .25	3							2
33	1	119E11-22900	PISTON ASSY, 0.25 OS	3							3
34	2	119E10-22550	RING SET, PISTON .25	3							3

Fig.8. LUB. OIL SYSTEM



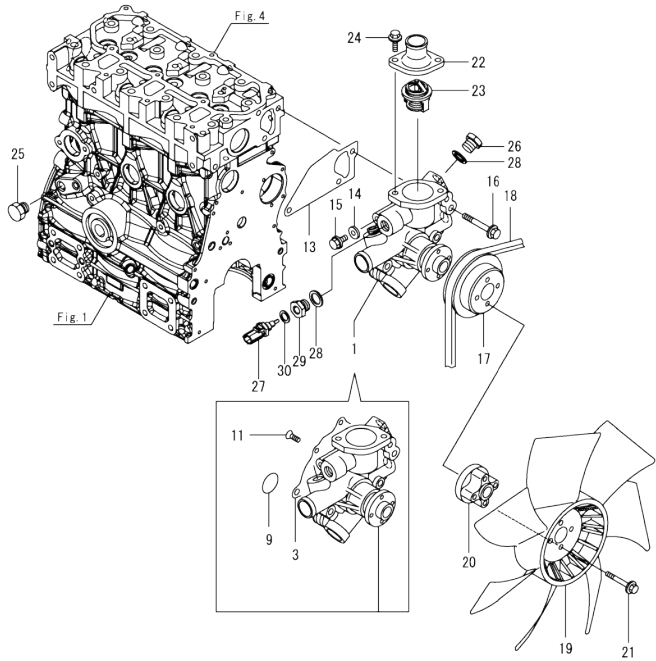
Remarks
(1)Spare parts.

(A)=3TNV80F-SNLY
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119746-34801	DIPSTICK, OIL	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	119717-35140	STUD	1							
5	1	119717-32060	O-RING, P15.0	1							
6	1	119744-35070	PIPE ASSY, OIL INLET	1							
7	1	26106-060352	BOLT, M6X 35 PLATED	1							
8	1	26106-060652	BOLT, M6X 65 PLATED	1							
9	1	114250-39450	SWITCH, HYDRAULIC	1							
10	1	119717-39210	PIPE, PUMP	1							
11	1	129005-59830	BOLT ASSY, JOINT M8	2							
12	2	22190-080002	WASHER, SEAL 8	2							
13	2	23857-030000	BOLT, JOINT 3	2							
14	1	22190-080002	WASHER, SEAL 8	2							
15	1	119305-35151	FILTER ASSY, D68XL65	1							1

Fig.9. COOLING WATER SYSTEM

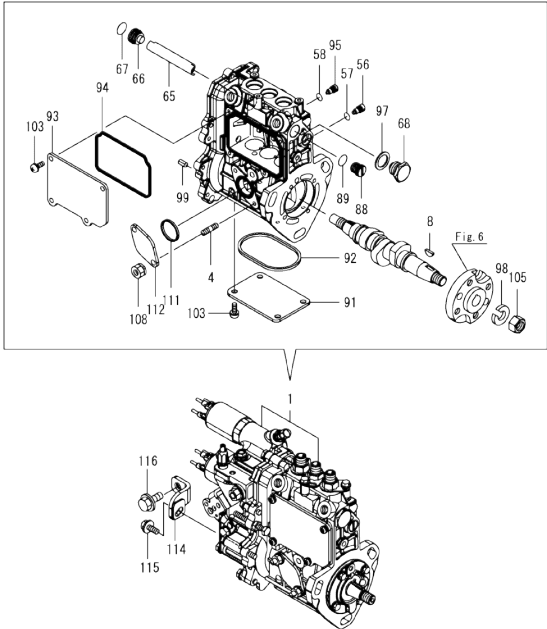


(A)=3TNV80F-SNLY
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E10-42001	PUMP ASSY, CW	1							
3	2	119717-42031	GASKET, WATER PUMP	1							
9	2	119C10-42320	O-RING, 2028	1							
11	2	26577-060122	SCREW, M6X12	4							
13	1	119717-42020	GASKET, WATER PUMP	1							
14	1	23414-080000	GASKET, 8X1.0	1							
15	1	26106-080122	BOLT, M8X 12 PLATED	1							
16	1	26106-080502	BOLT, M8X 50 PLATED	3							
17	1	119740-42350	V-PULLEY, PUMP D=90	1							
18	1	119740-42370	V-BELT, A35.5	1							
19	1	119717-44740	FAN, COOLING D=335X7	1							
20	1	129457-44760	SPACER, FAN	1							
21	1	26106-060452	BOLT, M6X 45 PLATED	4							
22	1	129350-49530	COVER, THERMOSTAT	1							
23	1	119717-49800	THERMOSTAT, 71C	1							
24	1	26106-080202	BOLT, M8X 20 PLATED	2							
25	1	171056-49120	PLUG, DRAIN R1/4	1							
26	1	121450-42450	PLUG, M16	1							
27	1	129927-44900	SENSOR, TEMPERATURE	1							
28	1	124465-44950	GASKET, 16	2							
29	1	129974-49350	JOINT, SENSOR	1							
30	1	22190-120002	WASHER, SEAL 12	1							

Fig.10. FUEL INJECTION PUMP



(A)=3TNV80F-SNLY
(B)=
(C)=

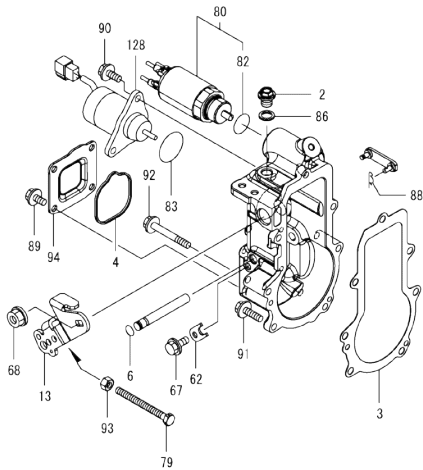
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719E44-51330	FIE ASSY	1							1
4	2	129155-51020	STUD	2							
8	2	122710-51090	KEY, FEATHER	1							
56	2	158600-51270	STOPPER, TAPPET	3							
57	2	129155-51280	O-RING, S6	3							
58	2	129155-51280	O-RING, S6	1							
65	2	129155-51400	PROTECTOR	1							
66	2	158600-51410	PLUG, DEFLIFTER M12	1							
67	2	119717-51420	O-RING	1							
68	2	158600-51420	PLUG, DEFLIFTER M16	1							
88	2	158600-51570	PLUG, RACK	1							
89	2	129155-51580	O-RING	1							
91	2	129155-51701	COVER, PUMP BOTTOM	1							
92	2	119717-51711	GASKET, PUMP	1							
93	2	119717-51750	COVER, BODY SIDE	1							
94	2	119717-51761	GASKET, PUMP COVER	1							
95	2	158600-51790	STOPPER, RACK	1							
97	2	22190-160002	WASHER, SEAL 16	1							
98	2	22217-120000	WASHER, SPRING 12	1							
99	2	22351-050010	PIN, SPRING 5.0X10	2							
103	2	26022-050122	SCREW, M5X12	8							
105	2	26716-120002	NUT, M12	1							
108	2	119717-51860	NUT, M6	2							
111	2	129155-52051	GASKET, PUMP COVER	1							
112	2	129100-52200	COVER, FEED PUMP	1							
114	1	119E10-51250	SUPPORT	1							
115	1	26106-060162	BOLT, M6X 16 PLATED	1							
116	1	26106-080162	BOLT, M8X 16 PLATED	1							

Remarks

(1)Governor(Fig.11) is incorporated in this Fuel Injection Pump(No.1).

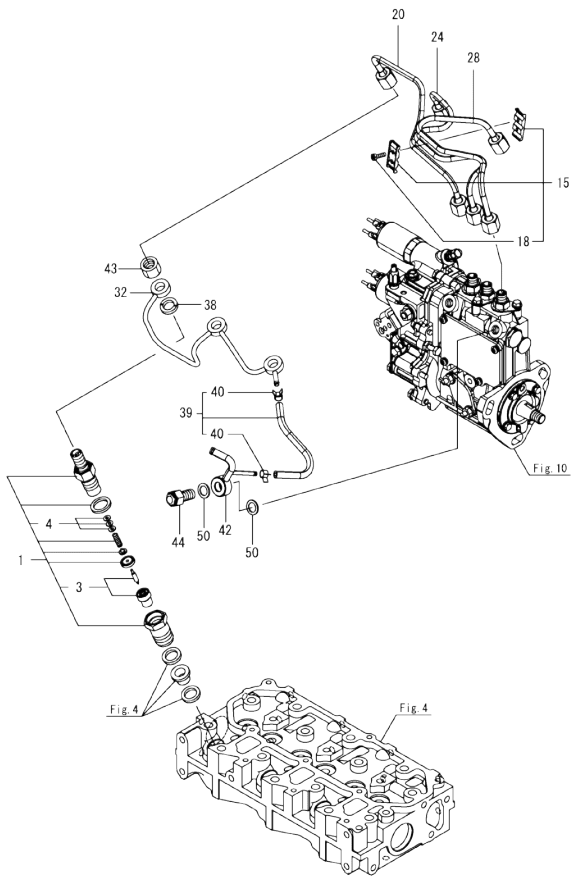
OCD50-M05220 ENGINE
Fig.11. GOVERNOR



Remarks
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.10).

				OCD50-M05220 Fig.11							
				(A)=3TNV80F-SNLY	(D)=						
				(B)=	(E)=						
				(C)=	(F)=						
				Q'ty							
				(A)	(B)	(C)	(D)	(E)	(F)	I	R
No.	Lev.	Parts No.	Description								
2	2	119717-51930	PLUG, M10							1	
3	2	119717-61050	GASKET, CASE							1	
4	2	119717-61070	GASKET, COVER							1	
6	2	129155-51280	O-RING, S6							1	
13	2	119515-61440	LEVER, CONTROL							1	
62	2	119660-61901	STOPPER, SHAFT							1	
67	2	26106-060102	BOLT, M6X 10 PLATED							1	
68	2	26366-080002	NUT, M8							1	
79	2	129155-61461	BOLT, IDLE LIMIT							1	
80	2	119C00-61901	SOLENOID, POWER CONT							1	
82	3	24357-240200	PACKING, 24020							1	
83	2	158552-61900	O-RING							1	
86	2	22190-100002	WASHER, SEAL 10							1	
88	2	22372-040000	PIN, SNAP 4							1	
89	2	26106-060102	BOLT, M6X 10 PLATED							4	
90	2	26106-060142	BOLT, M6X 14 PLATED							2	
91	2	26106-060202	BOLT, M6X 20 PLATED							4	
92	2	26106-060452	BOLT, M6X 45 PLATED							3	
93	2	119740-61470	NUT							1	
94	2	119717-61060	COVER, GOVERNOR CASE							1	
128	2	129630-77900	SOLENOID, STOP							1	

Fig.12. FUEL INJECTION VALVE



(A)=3TNV80F-SNLY
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119C10-53000	VALVE ASSY,INJECTION	3							
3	2	119C10-53010	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	119E10-59810	PIPE ASSY, INJECTION	1							
24	1	119E10-59820	PIPE, INJECTION NO.2	1							
28	1	119E10-59830	PIPE, INJECTION NO.3	1							
32	1	119717-59510	PIPE ASSY, RETURN	1							
38	1	129901-59560	GASKET, FUEL RETURN	3							
39	1	119540-59570	HOSE ASSY, RETURN	1							
40	2	124066-59100	CLAMP, HOSE 8	2							
42	1	119840-59570	JOINT, OVERFLOW	1							
43	1	119620-59700	NUT, NOZZLE RETURN	3							
44	1	119813-59950	VALVE ASSY, CHECK	1							
50	1	22190-120002	WASHER, SEAL 12	2							

Remarks
(1)Spare parts.

Fig.13. FUEL PIPE

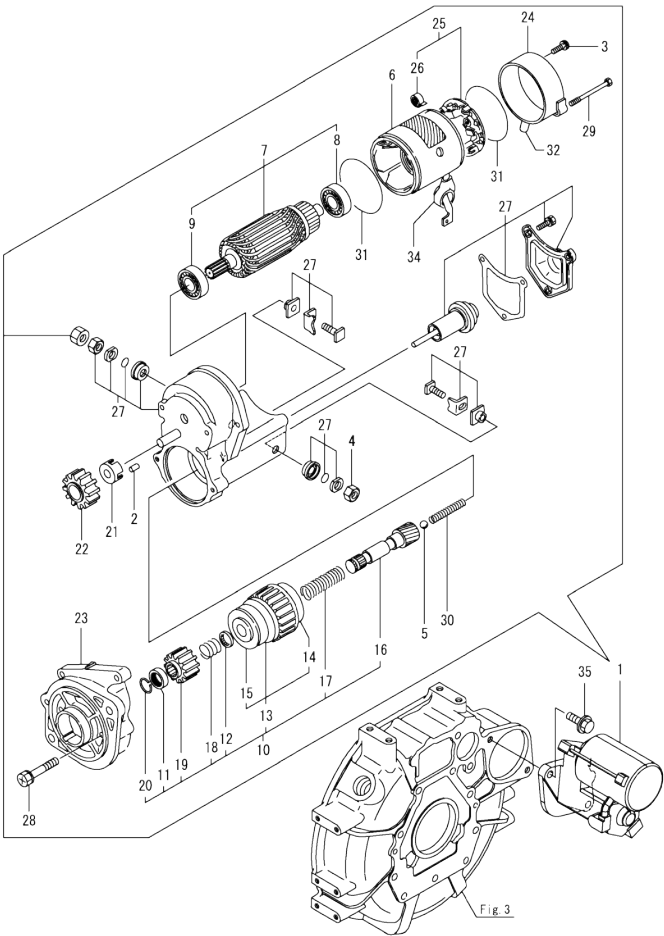
(D)=
(E)=

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

[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:Qty Change

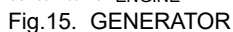
Fig.14. STARTER MOTOR



(A)=3TNV80F-SNLY
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119740-77020	STARTER, RA1.4	1							
2	2	X0283060061	ROLLER	5							
3	2	129129-77460	SCREW	2							
4	2	X9490561370	NUT	1							
5	2	X9491200240	BALL, STEEL	1							
6	2	129407-77210	YOKE ASSY	1							
7	2	129407-77220	ARMATURE ASSY	1							
8	3	129129-77230	BEARING, BALL	1							
9	3	129129-77240	BEARING, BALL	1							
10	2	X1280996680	STARTER KIT	1							
11	3	X0280210230	NUT, PINION STOP	1							
12	3	X0283270140	RETAINER, SNAP	1							
13	3	129129-77390	CLUTCH ASSY, STARTER	1							
14	4	129129-77440	BEARING, BALL	1							
15	4	129129-77450	BEARING, BALL	1							
16	3	129129-77400	SHAFT, STARTER	1							
17	3	129129-77410	SPRING, COIL	1							
18	3	129407-77410	SPRING, COIL	1							
19	3	X0283712350	PINION, STARTER	1							
20	3	129129-77430	RING, SNAP	1							
21	2	129129-77260	RETAINER	1							
22	2	129129-77270	PINION	1							
23	2	X4284003310	HOUSING	1							
24	2	129407-77290	FRAME	1							
25	2	129407-77300	HOLDER ASSY	1							
26	3	X9491730461	SPRING, BRUSH	4							
27	2	X1534004151	SWITCH ASSY	1							
28	2	129129-77320	BOLT, W/WASHER	2							
29	2	129407-77330	BOLT	2							
30	2	129129-77340	SPRING	1							
31	2	129129-77350	O-RING	2							
32	2	129129-77362	COVER	1							
34	2	129129-77380	CAP	1							
35	1	26106-100252	BOLT, M10X 25 PLATED	2							

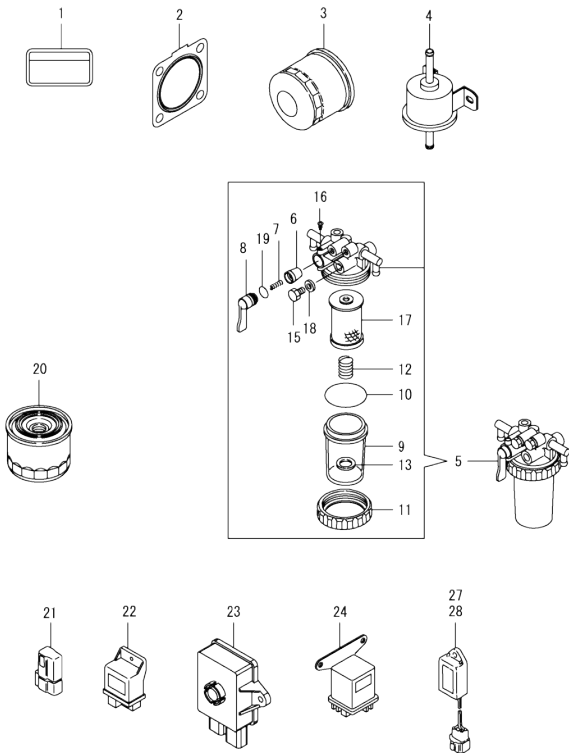


(D)=
(E)=

Fig.16. ACCESSORY

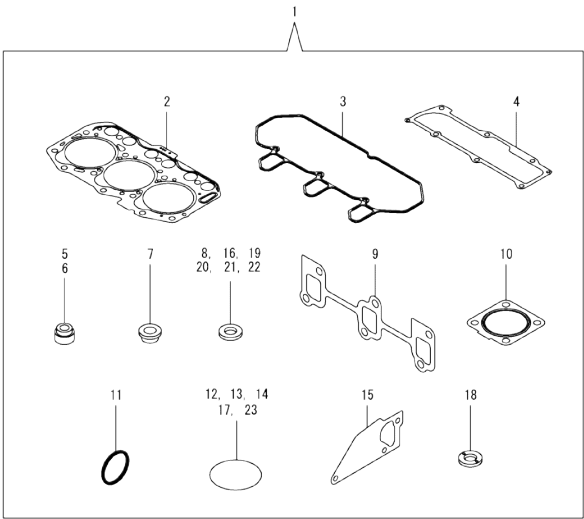
(A)=3TNV80F-SNLY
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114110-07761	LABEL, FUEL CAUTION	1							
2	1	119515-13200	GASKET, SILENCER	1							
3	1	119305-35151	FILTER ASSY, D68XL65	1							
4	1	129612-52100	PUMP, FUEL FEED	1							
5	1	129335-55701	SEPARATOR ASSY, WATER	1							
6	2	104200-55321	VALVE, TAPER	1							
7	2	104200-55330	SPRING, FUEL VALVE	1							
8	2	104200-55341	HANDLE, COCK	1							
9	2	124064-55510	CUP, FUEL STARINER	1							
10	2	102103-55520	O-RING, FILTER	1							
11	2	110250-55610	RING, CUP RETAINING	1							
12	2	121257-55720	SPRING, ELEMENT	1							
13	2	121257-55731	FLOAT	1							
15	2	101720-55750	PLUG, HEXAGON M6	2							
16	2	104200-55750	SCREW, M4	1							
17	2	171081-55910	FILTER, FUEL 100M	1							
18	2	23418-060000	GASKET, 6X1.0	2							
19	2	24311-240100	O-RING, 1AP10A	1							
20	1	119802-55801	FILTER, FUEL	1							
21	1	119643-66900	DIODE	1							
22	1	119802-77200	RELAY, SAFETY	1							
23	1	119C10-77600	DRIVER, SOLENOID	1							
24	1	119650-77911	RELAY ASSY, GLOW	1							
27	1	129155-77925	TIMER, SECTION 4	1							
28	1	129211-77920	TIMER, SECTION 1	1							

Fig.17. GASKET SET



(A)=3TNV80F-SNLY
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E40-92610	GASKET SET	1							1
2	2	119E10-01330	GASKET SET, HEAD	1							
3	2	119718-11310	GASKET, BONNET	1							
4	2	119717-11331	GASKET, BONNET COVER	1							
5	2	119717-11340	SEAL, VALVE STEM	3							
6	2	119717-11350	SEAL, VALVE STEM	3							
7	2	129901-11450	PROTECTOR, NOZZLE	3							
8	2	119600-11460	GASKET, NOZZLE	6							
9	2	119717-13110	GASKET, MANIFOLD	1							
10	2	119515-13200	GASKET, SILENCER	1							
11	2	119C10-21930	GASKET, WASHER	1							
12	2	119624-32040	O-RING, P12.0	1							
13	2	119717-32050	O-RING, P17.0	3							
14	2	119717-32060	O-RING, P15.0	1							
15	2	119717-42020	GASKET, WATER PUMP	1							
16	2	124465-44950	GASKET, 16	2							
17	2	121850-51960	O-RING, FUEL PUMP	1							
18	2	129901-59560	GASKET, FUEL RETURN	3							
19	2	22190-080002	WASHER, SEAL 8	4							
20	2	22190-120002	WASHER, SEAL 12	4							
21	2	22190-160002	WASHER, SEAL 16	1							
22	2	23414-080000	GASKET, 8X1.0	1							
23	2	24311-000320	O-RING, 1AP32.0	2							

Remarks
(1)Optional parts.

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Parts No.	Fig. No.	Ref. No.
101304-59020	13	2
101720-55750	16	15
102103-55520	16	10
103854-39140	13	1
104200-55321	16	6
104200-55330	16	7
104200-55341	16	8
104200-55750	16	16
105010-11490	4	3
105311-01090	1	4
105425-01690	3	7
110250-55610	16	11
114110-07761	16	1
114250-39450	8	9
119131-18320	5	5
119226-07900	4	54
119285-01990	1	6
119285-11990	4	11
119305-35151	8	15
	16	3
119515-13200	5	7
	16	2
	17	10
119515-61440	11	13
119540-59570	12	39
119600-11460	4	2
	17	8
119620-01750	3	12
119620-02020	1	7
119620-11280	4	26
119620-14200	6	1
119620-59700	12	43
119620-77380	15	3
119620-77421	15	6
119620-77440	15	11
119620-77461	15	12
119620-77471	15	13
119620-77480	15	18
119620-77490	15	14
119620-79200	15	7
119620-79210	15	8
119620-79220	15	9
119620-79230	15	10
119620-79250	15	5
119620-79260	15	16
119620-79280	15	19
119620-79290	15	20
119620-79300	15	21
119620-79310	15	23
119620-79320	15	24

Parts No.	Fig. No.	Ref. No.
119620-79330	15	25
119620-79340	15	26
119620-79350	15	27
119620-79360	15	28
119621-21681	7	12
119623-01250	1	5
119624-32040	2	18
	17	12
119643-66900	16	21
119650-77911	16	24
119660-01911	2	17
119660-61901	11	62
119717-01501	2	1
119717-01521	2	5
119717-01570	2	2
119717-01601	3	2
119717-01720	3	4
119717-01750	2	16
119717-01800	2	7
119717-02411	1	10
119717-02930	1	23
119717-03031	4	36
119717-03070	4	37
		38
119717-11131	4	15
119717-11190	4	17
119717-11200	4	21
119717-11240	4	22
119717-11260	4	25
119717-11320	4	46
119717-11331	4	47
	17	4
119717-11340	4	18
	17	5
119717-11350	4	19
	17	6
119717-11381	4	35
119717-11650	4	27
119717-11800	4	58
119717-13110	5	2
	17	9
119717-13600	5	3
119717-14400	6	2
119717-14581	6	3
119717-21200	7	4
119717-23200	7	27
119717-23601	7	28
119717-23611	7	31
119717-23911	7	30
119717-25050	6	9

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119717-25101	6	10
119717-25911	6	16
119717-25930	6	15
119717-32050	2	19
	17	13
119717-32060	8	5
	17	14
119717-32080	2	9
119717-32100	2	8
119717-32110	2	13
119717-32120	2	14
119717-35140	8	3
119717-39210	8	10
119717-42020	9	13
	17	15
119717-42031	9	3
119717-44740	9	19
119717-49800	9	23
119717-51150	6	17
119717-51420	10	67
119717-51711	10	92
119717-51750	10	93
119717-51761	10	94
119717-51860	10	108
119717-51930	11	2
119717-59510	12	32
119717-61050	11	3
119717-61060	11	94
119717-61070	11	4
119717-77330	15	30
119717-77801	4	56
119717-77820	4	57
119718-11310	4	45
	17	3
119734-01590	2	3
119734-02220	3	3
119740-13100	5	1
119740-13500	5	9
119740-42350	9	17
119740-42370	9	18
119740-61470	11	93
119740-77020	14	1
119744-35070	8	6
119746-01790	3	6
119746-34801	8	1
119802-03100	4	39
119802-03110	4	40
119802-03121	4	41
119802-03131	4	42
119802-03141	4	43

Parts No.	Fig. No.	Ref. No.
119802-32130	2	15
119802-55801	16	20
119802-77200	16	22
119810-01200	1	26
119810-02941	1	34
119810-77340	15	31
119813-59950	12	44
119840-59570	12	42
119865-21600	7	10
119C00-61901	11	80
119C10-21650	7	11
119C10-21930	17	11
119C10-21931	7	13
119C10-21940	7	14
119C10-42320	9	9
119C10-53000	12	1
119C10-53010	12	3
119C10-77600	16	23
119E00-01560	1	1
119E10-01330	1	27
	17	2
119E10-11100	4	13
119E10-11110	4	14
119E10-11740	4	4
119E10-21590	7	8
119E10-21700	7	1
119E10-22300	7	22
119E10-22500	7	18
119E10-22550	7	34
119E10-23001	7	24
119E10-42001	9	1
119E10-51250	10	114
119E10-59810	12	20
119E10-59820	12	24
119E10-59830	12	28
119E11-22080	7	16
119E11-22900	7	33
119E40-92610	17	1
121111-21501	7	7
121257-55720	16	12
121257-55731	16	13
121450-42450	9	26
121520-34810	8	2
121850-51960	2	20
	17	17
122710-51090	10	8
123501-79240	15	4
124060-01050	1	11
124064-55510	16	9
124066-59100	12	40

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124160-01751	2	28
	4	34
124160-01910	1	12
124465-44950	9	28
	17	16
129001-32320	2	11
129001-32330	2	12
129005-59830	8	11
129052-79270	15	17
129100-01580	3	1
	7	2
129100-52200	10	112
129129-77230	14	8
129129-77240	14	9
129129-77260	14	21
129129-77270	14	22
129129-77320	14	28
129129-77340	14	30
129129-77350	14	31
129129-77362	14	32
129129-77380	14	34
129129-77390	14	13
129129-77400	14	16
129129-77410	14	17
129129-77430	14	20
129129-77440	14	14
129129-77450	14	15
129129-77460	14	3
129150-11230	4	28
129150-11750	4	30
129150-25301	6	14
129150-59120	12	15
129150-59131	12	18
129155-51020	10	4
129155-51280	10	57
		58
	11	6
129155-51400	10	65
129155-51580	10	89
129155-51701	10	91
129155-52051	10	111
129155-61461	11	79
129155-77925	16	27
129211-77920	16	28
129240-79300	15	22
129240-79310	15	2
129335-55701	16	5
129350-49530	9	22
129407-77210	14	6
129407-77220	14	7

Parts No.	Fig. No.	Ref. No.
129407-77290	14	24
129407-77300	14	25
129407-77330	14	29
129407-77410	14	18
129423-77210	15	1
129423-77730	15	15
129457-44760	9	20
129508-11180	4	16
129612-52100	16	4
129630-77900	11	128
129900-32130	2	10
129901-11450	4	1
	17	7
129901-53800	12	4
129901-59560	12	38
	17	18
129927-44900	9	27
129974-49350	9	29
129E00-13610	5	4
129E00-13630	5	8
158552-61900	11	83
158600-51270	10	56
158600-51410	10	66
158600-51420	10	68
158600-51570	10	88
158600-51790	10	95
171056-49120	9	25
171081-55910	16	17
22190-080002	8	12
		14
	17	19
22190-100002	11	86
22190-120002	9	30
	12	50
	13	3
	17	20
22190-160002	3	9
	10	97
	17	21
22217-120000	10	98
22242-000120	4	31
22252-000220	7	23
22351-050010	10	99
22351-060012	4	20
22372-040000	11	88
22512-040120	7	5
		15
22857-500100	4	48
		49
22857-500160	4	50

Parts No.	Fig. No.	Ref. No.
23414-080000	9	14
	17	22
23418-060000	16	18
23857-030000	8	13
23876-005000	4	12
23876-030000	2	6
24311-000320	2	29
	4	51
	17	23
24311-240100	16	19
24357-240200	11	82
26022-050122	10	103
26106-060102	11	67
		89
26106-060122	2	21
	6	8
26106-060142	11	90
26106-060162	2	22
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26106-060202	4	52
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26106-060352	6	13
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26106-060402	2	23
		24
26106-060452	9	21
	11	92
26106-060602	2	25
26106-060652	2	26
	8	8
26106-060752	4	53
26106-080122	9	15
26106-080162	4	55
	10	116
26106-080202	9	24
	15	32
26106-080252	3	10
26106-080402	4	33
26106-080502	9	16
26106-080602	3	11
26106-100162	5	10
26106-100252	14	35
26106-100452	15	29
26206-100252	3	13
26206-100302	3	14
26306-080002	2	27
	5	6
		11
26366-080002	11	68
26577-060122	9	11

Parts No.	Fig. No.	Ref. No.
26716-120002	10	105
26979-050162	4	32
27241-120000	1	13
719717-02901	1	28
719717-02911	1	31
719734-01500	2	4
719E44-51330	10	1
X0280210230	14	11
X0283060061	14	2
X0283270140	14	12
X0283712350	14	19
X1280996680	14	10
X1534004151	14	27
X4284003310	14	23
X9490561370	14	4
X9491200240	14	5
X9491730461	14	26