

0CW10-M43500EN

P R E F A C E

1. This Parts Catalog carries all parts incorporated in YANMAR Model 3TNV82A-BDYE2, 3TNV82A-BDYE2T engine manufactured since September, 2008.
2. Each illustration corresponds to the parts list on the following page.
3. When ordering parts, clearly write down the engine model and serial number, as well as the name and number of each part in your order sheet. This will help insure reliable delivery of the parts you have ordered.

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	Q'TY						I	R
				(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 COMPENSATOR 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 $\xrightarrow{\text{No}}$ New	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New $\xrightarrow{\text{Yes}}$ New	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New $\xrightarrow{\text{Yes}}$ New	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New $\xrightarrow{\text{No}}$ New	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.

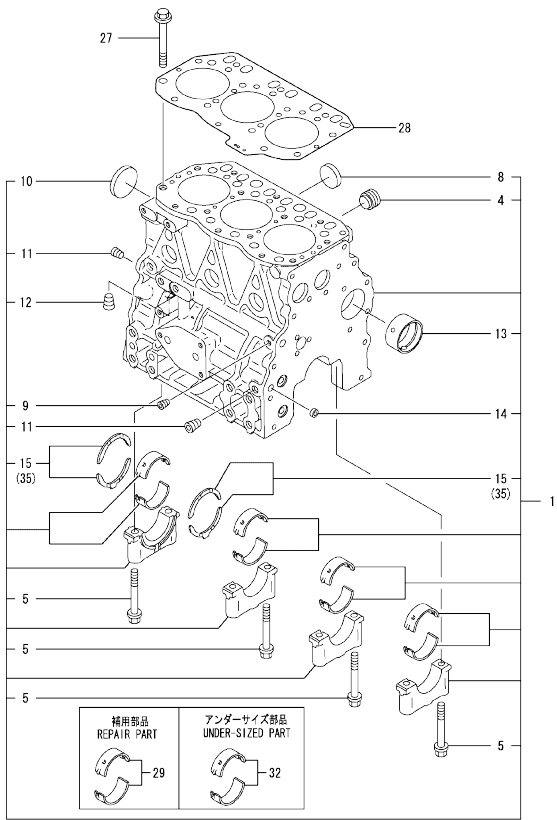
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

Contents

0CW10-M43500

Fig. No.	Fig. Name	Fig. No.	Fig. Name
3TNV82A-BDYE			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	FLYWHEEL HOUSING & OIL SUMP		
5.	CYLINDER HEAD & BONNET		
6.	SUCTION MANIFOLD & AIR CLEANER		
7.	EXHAUST MANIFOLD & SILENCER		
8.	CAMSHAFT & DRIVING GEAR		
9.	CRANKSHAFT & PISTON		
10.	LUB. OIL SYSTEM		
11.	COOLING WATER SYSTEM		
12.	FUEL INJECTION PUMP		
13.	GOVERNOR		
14.	FUEL INJECTION VALVE		
15.	FUEL LINE		
16.	STARTING MOTOR		
17.	GENERATOR		
18.	GENERATOR		
19.	GASKET SET		

0CW10-M43500 3TNV82A-BDYE
Fig.1. CYLINDER BLOCK

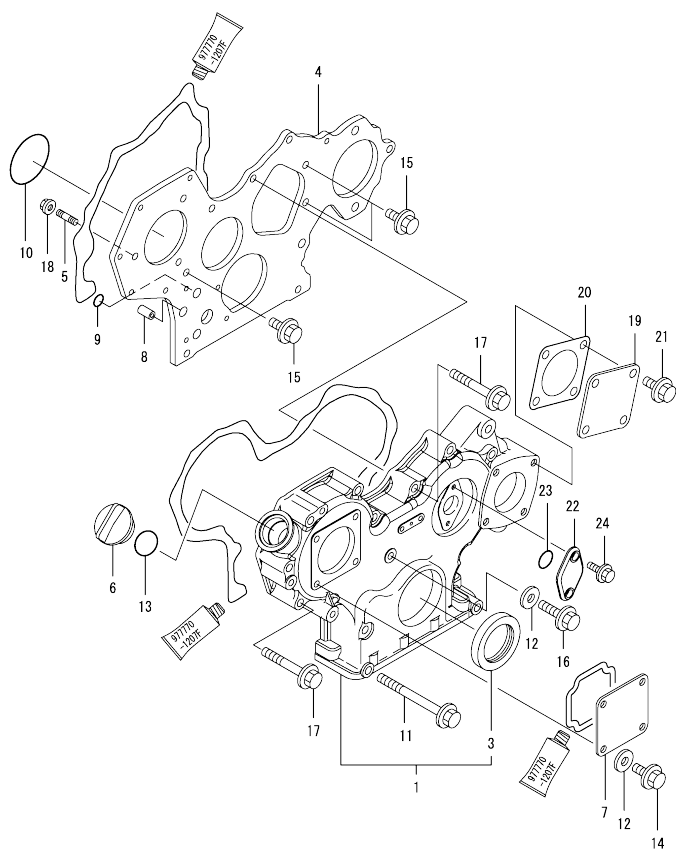


Remarks
(1) REPAIR PART.
(2) UNDER-SIZED(U.S=0.25)PART.
(3) OVER-SIZED(O.S=0.25)PART.

0CW10-M43500 Fig.1
(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYED
(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719802-01560	BLOCK ASSY, CYLINDER	1	1						
4	2	171051-01921	PLUG, NPTF1	1	1			1			
5	2	119620-02020	BOLT, METAL CAP	8	8			8			
8	2	27241-300000	PLUG 30	6	6			6			
9	2	124060-01050	PLUG, PT1/8	1	1			1			
10	2	129001-01250	PLUG, 50	1	1			1			
11	2	124160-01910	PLUG, PT1/4	2	2			2			
12	2	124160-01910	PLUG, PT1/4	1	1			1			
13	2	129795-02412	BUSH, CAMSHAFT	1	1			1			
14	2	27241-120000	PLUG, 12	2	2			2			
15	2	119717-02930	BEARING, THRUST	2	2			2			
27	1	119810-01200	BOLT, HEAD	14	14			14			
28	1	119812-01330	GASKET, HEAD	1	1			1			
29	1	719810-02981	BEARING, MAIN	4	4			4			1
32	1	119810-02871	BEARING, 0.25 US	4	4			4			2
35	1	119810-02941	BEARING, THRUST 0.25	2	2			2			3

Fig.2. GEAR HOUSING



0CW10-M43500 Fig.2

(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYED

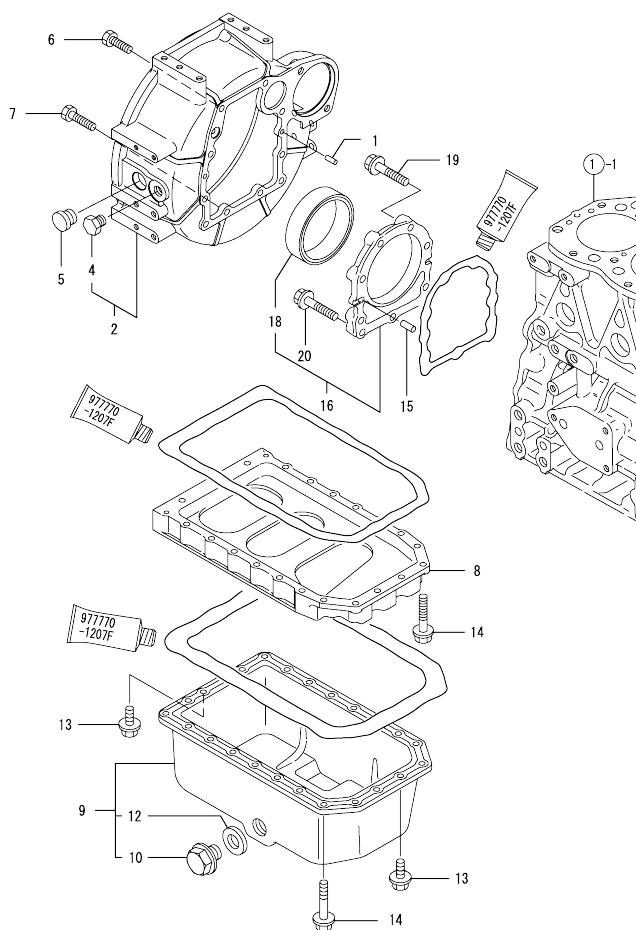
(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729652-01500	CASE ASSY, GEAR	1	1			1			
3	2	119934-01800	SEAL, OIL	1	1			1			
4	1	129604-01520	FLANGE, GEAR CASE	1	1			1			
5	1	119802-01561	STUD, M8X25	3	3			3			
6	1	124160-01751	COVER, FILLER	1	1			1			
7	1	124240-01871	COVER	1	1			1			
8	1	129795-01950	PIPE, KNOCK L=18	2	2			2			
9	1	119609-32040	O-RING, P16	2	2			2			
10	1	121850-51960	O-RING	1	1			1			
11	1	129001-91841	BOLT, M8X85	3	3			3			
12	1	22190-080002	WASHER, SEAL 6	5	5			5			
13	1	243111-000320	O-RING, 1AP32.0	1	1			1			
14	1	26106-080162	BOLT, M8X 16 PLATED	4	4			4			
15	1	26106-080162	BOLT, M8X 16 PLATED	3	3			3			
16	1	26106-080302	BOLT, M8X 30 PLATED	1	1			1			
17	1	26106-080552	BOLT, M8X 55 PLATED	10	10			10			
18	1	26306-080002	NUT, M8	3	3			3			
19	1	124240-01871	COVER	1	1			1			
20	1	124240-01883	GASKET	1	1			1			
21	1	26106-080162	BOLT, M8X 16 PLATED	4	4			4			
22	1	121023-01551	COVER	1	1			1			
23	1	24341-000240	O-RING, 1AS24.0	1	1			1			
24	1	26106-060162	BOLT, M6X 16 PLATED	2	2			2			

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

Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.3. FLYWHEEL HOUSING & OIL SUMP



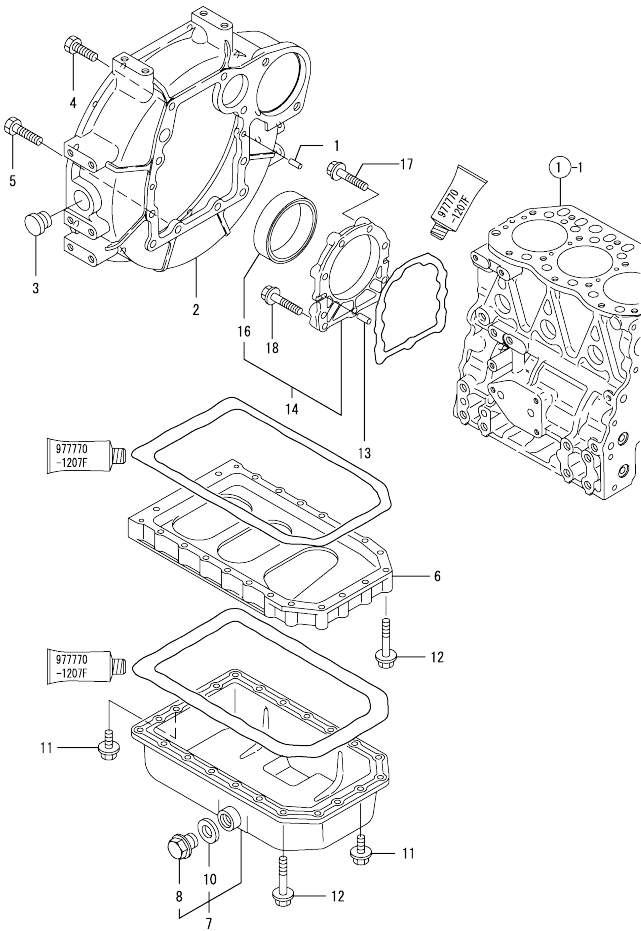
(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYED
(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	Qty	I	R
1	1	129100-01580	PIN, M8X16	2								
2	1	119888-01601	HOUSING, FLYWHEEL	1								
4	2	129486-35210	PLUG, 3/4-16UNF	1								
5	1	119620-01750	CAP	1								
6	1	26206-100252	BOLT, M10X 25 PLATED	6								
7	1	26206-100302	BOLT, M10X 30 PLATED	4								
8	1	119810-01730	SPACER, OIL SUMP	1								
9	1	119810-01770	SUMP ASSY, OIL	1								
10	2	119640-01640	PLUG, DRAIN M22	1								
12	2	22190-220002	WASHER, SEAL 22	1								
13	1	26106-080162	BOLT, M8X 16 PLATED	6								
14	1	26106-080452	BOLT, M8X 45 PLATED	22								
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								

N:Old $\frac{\text{Yes}}{\text{No}}$ New. Q:Old $\frac{\text{No}}{\text{Yes}}$ New. R:Old $\frac{\text{Yes}}{\text{Yes}}$ New. S:Old $\frac{\text{No}}{\text{No}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

0CW10-M43500 3TNV82A-BDYE

Fig.4. FLYWHEEL HOUSING & OIL SUMP



0CW10-M43500 Fig.4

(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYE2

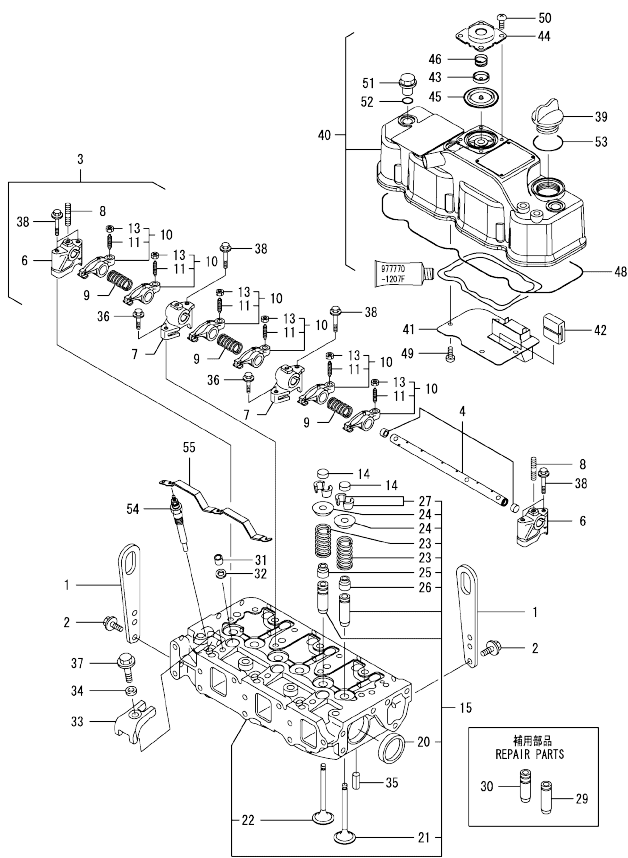
(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16		2			2			
2	1	129612-01600	HOUSING, FLYWHEEL		1			1			
3	1	119620-01750	CAP		1			1			
4	1	26206-100252	BOLT, M10X 25 PLATED		6			6			
5	1	26206-100302	BOLT, M10X 30 PLATED		4			4			
6	1	119810-01730	SPACER, OIL SUMP		1			1			
7	1	119843-01780	SUMP ASSY, OIL		1			1			
8	2	119640-01640	PLUG, DRAIN M22		1			1			
10	2	22190-220002	WASHER, SEAL 22		1			1			
11	1	26106-080162	BOLT, M8X 16 PLATED		6			6			
12	1	26106-080452	BOLT, M8X 45 PLATED		22			22			
13	1	129100-01580	PIN, M8X16		2			2			
14	1	129100-01640	CASE ASSY, OIL SEAL		1			1			
16	2	129795-01780	SEAL, OIL		1			1			
17	1	129486-01670	BOLT, M8X30		6			6			
18	1	26106-080352	BOLT, M8X 35 PLATED		3			3			

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
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

0CW10-M43500 3TNV82A-BDYE

Fig.5. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

0CW10-M43500 Fig.5

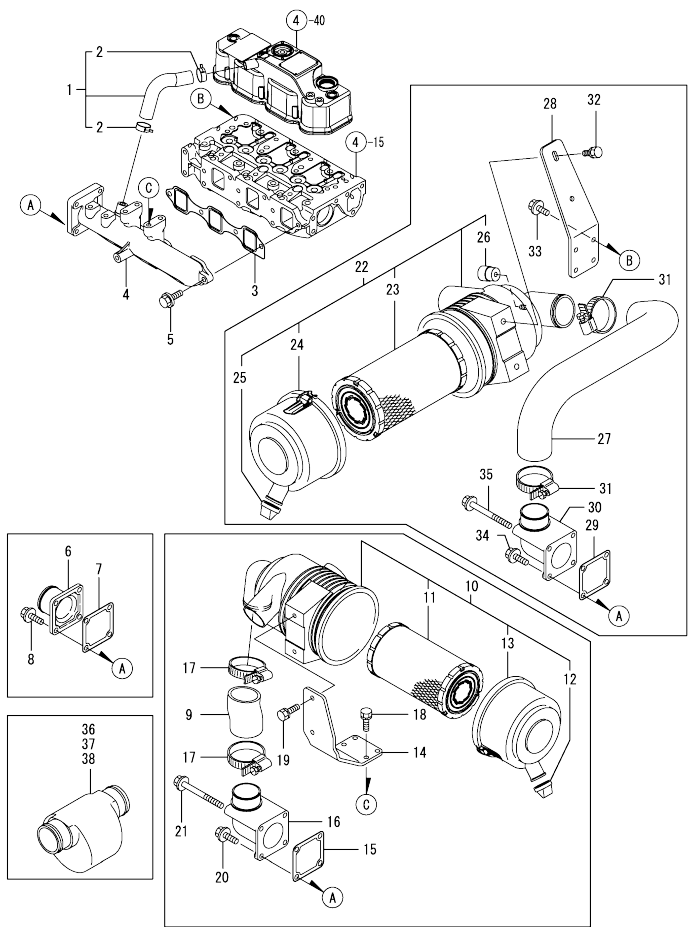
(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYE2

(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-07900	LIFTER	2	2						
2	1	26106-080162	BOLT, M8X 16 PLATED	4	4						
3	1	119802-11241	SHAFT ASSY, ROCKER	1	1						
4	2	119802-11251	SHAFT, ROCKER ARM	1	1						
6	2	119802-11260	SUPPORT, ROCKER ARM	2	2						
7	2	119802-11270	SUPPORT, ROCKER ARM	2	2						
8	2	119802-11280	STUD	3	3						
9	2	129150-11280	SPRING	3	3						
10	2	119802-11650	ARM, ROCKER	6	6						
11	3	129150-11230	SCREW, VALVE ADJUST	6	6						
13	3	129150-11750	NUT, M8	6	6						
14	1	104211-11370	CAP, VALVE	6	6						
15	1	119803-11700	HEAD ASSY, CYLINDER	1	1						
20	2	27241-400000	PLUG, 40	2	2						
21	2	119802-11100	VALVE, INTAKE	3	3						
22	2	119802-11110	VALVE, EXHAUST	3	3						
23	2	119810-11120	SPRING, VALVE	6	6						
24	2	104211-11180	RETAINER, SPRING	6	6						
25	2	119803-11340	SEAL, VALVE STEM	3	3						
26	2	124160-11340	SEAL, VALVE STEM	3	3						
27	2	27310-070001	COTTER, 7	6	6						
29	1	124060-11800	GUIDE, VALVE	3	3						1
30	1	119802-11810	GUIDE, VALVE	3	3						1
31	1	119802-11870	PROTECTOR, NOZZLE	3	3						
32	1	119625-11880	SEAT, NOZZLE	3	3						
33	1	119802-11900	RETAINER, NOZZLE	3	3						
34	1	120270-54410	WASHER, INJECTOR	3	3						
35	1	22351-060012	PIN, SPRING 6.0X12	2	2						
36	1	26106-080252	BOLT, M8X 25 PLATED	2	2						
37	1	26106-080452	BOLT, M8X 45 PLATED	3	3						
38	1	26106-080502	BOLT, M8X 50 PLATED	6	6						
39	1	124160-01751	COVER, FILLER	1	1						
40	1	119802-11350	BONNET ASSY, HEAD	1	1						
41	2	119802-03010	PLATE	1	1						
42	2	129150-03070	BAFFLE, BREATHER	1	1						
43	2	119802-03110	PLATE	1	1						
44	2	119802-03121	COVER, DIAPHRAGM	1	1						
45	2	119802-03130	DIAPHRAGM	1	1						
46	2	119802-03141	SPRING, DIAPHRAGM	1	1						
48	2	119802-11310	GASKET, BONNET	1	1						
49	2	22857-500100	SCREW, 5X10	4	4						
50	2	22857-500100	SCREW, 5X10	4	4						
51	1	124160-11360	KNOB	3	3						
52	1	24311-000120	O-RING, 1AP12.0	3	3						
53	1	24311-000320	O-RING, 1AP32.0	1	1						
54	1	129008-77800	PLUG, GLOW	3	3						
55	1	119803-77821	CONNECTOR, GLOW PLUG	1	1						

N:Old $\frac{NBS}{100}$ New, Q:Old $\frac{HQ}{100}$ New, R:Old $\frac{RBS}{100}$ New, S:Old $\frac{HS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.6. SUCTION MANIFOLD & AIR CLEANER

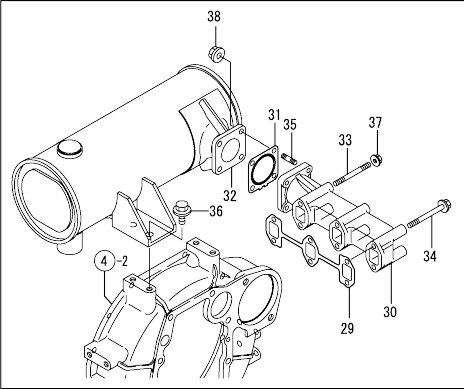
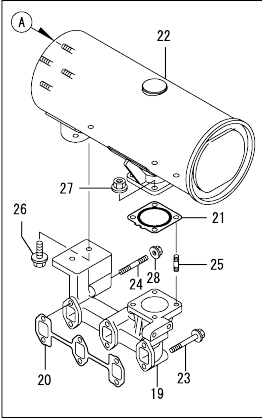
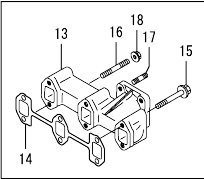
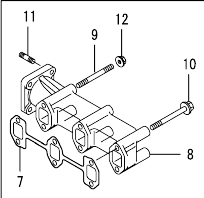
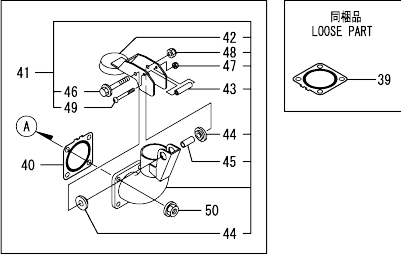
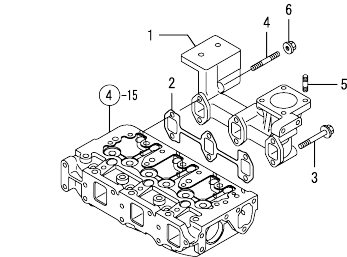


(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYE2
(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-03090	PIPE , BREATHER	1	1				1		
2	2	129410-03990	CLIP	2	2				2		
3	1	119810-12112	GASKET, MANIFOLD	1	1				1		
4	1	119802-12130	MANIFOLD, AIR INTAKE	1	1				1		
5	1	26106-080252	BOLT, M8X 25 PLATED	4	4				4		
6	1	129486-12581	JOINT, MANIFOLD			1	1				
7	1	129150-77511	GASKET			1	1				
8	1	26106-080202	BOLT, M8X 20 PLATED			4	4				
9	1	119910-12210	PIPE, AIR INTAKE			1	1				
10	1	119802-12500	CLEANER ASSY, AIR			1	1				
11	2	129004-12520	ELEMENT			1	1				
12	2	119808-12540	VALVE, UNLOADER			1	1				
13	2	119866-12541	COVER ASSY			1	1				
14	1	119802-12560	BRACKET, AIR CLEANER			1	1				
15	1	129150-77511	GASKET			1	1				
16	1	119803-77520	BEND, AIR HEATER			1	1				
17	1	23000-060000	CLAMP, 60			2	2				
18	1	26013-080222	BOLT, M8X 22			4	4				
19	1	26013-080222	BOLT, M8X 22			2	2				
20	1	26106-080202	BOLT, M8X 20 PLATED			2	2				
21	1	26106-080802	BOLT, M8X 80 PLATED			2	2				
22	1	129247-12500	CLEANER ASSY, AIR			1	1				
23	2	129004-12520	ELEMENT			1	1				
24	2	129012-12530	COVER ASSY			1	1				
25	2	119808-12540	VALVE, UNLOADER			1	1				
26	2	126650-12680	INDICATOR			1	1				
27	1	129247-12550	PIPE, AIR INTAKE			1	1				
28	1	129647-12600	BRACKET, AIR CLEANER			1	1				
29	1	129150-77511	GASKET			1	1				
30	1	119803-77520	BEND, AIR HEATER			1	1				
31	1	23000-060000	CLAMP, 60			2	2				
32	1	26013-080222	BOLT, M8X 22			2	2				
33	1	26106-080162	BOLT, M8X 16 PLATED			4	4				
34	1	26106-080202	BOLT, M8X 20 PLATED			2	2				
35	1	26106-080802	BOLT, M8X 80 PLATED			2	2				
36	1	121855-12060	SILENCER ASSY			1	1				
37	1	119005-12060	SILENCER ASSY			1	1				
38	1	119160-12060	SILENCER ASSY			1	1				

0CW10-M43500 3TNV82A-BDYE

Fig.7. EXHAUST MANIFOLD & SILENCER



0CW10-M43500 Fig.7

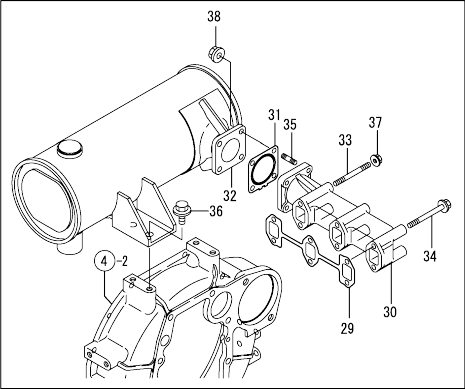
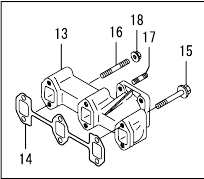
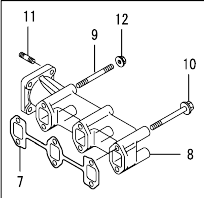
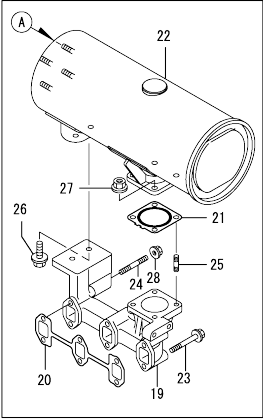
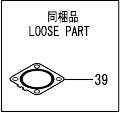
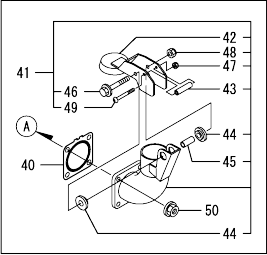
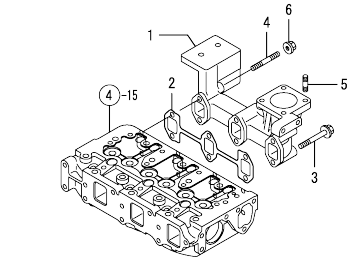
(A)=3TNV82A-BDYE (D)=3TNV82A-BDYE2D
(B)=3TNV82A-BDYE2 (E)=3TNV82A-BDYE2T
(C)=3TNV82A-BDYE2 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-13109	MANIFOLD, EXHAUST			1	1				
2	1	119810-13110	GASKET			1	1				
3	1	119802-13640	BOLT, M8X60 10.9T			4	4				
4	1	119802-13740	STUD, M8X60			2	2				
5	1	119131-18320	STUD, M8X22			4	4				
6	1	26306-080002	NUT, M8			2	2				
7	1	119810-13110	GASKET			1	1				
8	1	119802-13129	MANIFOLD, EXHAUST			1	1				
9	1	123900-13610	STUD, M8X80			2	2				
10	1	123900-13630	BOLT, M8X80			4	4				
11	1	119131-18320	STUD, M8X22			4	4				
12	1	26306-080002	NUT, M8			2	2				
13	1	119810-13100	MANIFOLD, EXHAUST			1	1				
14	1	119810-13110	GASKET			1	1				
15	1	119802-13640	BOLT, M8X60 10.9T			4	4				
16	1	119802-13740	STUD, M8X60			2	2				
17	1	119131-18320	STUD, M8X22			4	4				
18	1	26306-080002	NUT, M8			2	2				
19	1	119802-13109	MANIFOLD, EXHAUST			1	1				
20	1	119810-13110	GASKET			1	1				
21	1	129004-13200	GASKET, SILENCER			1	1				
22	1	129004-13500	SILENCER			1	1				
23	1	119802-13640	BOLT, M8X60 10.9T			4	4				
24	1	119802-13740	STUD, M8X60			2	2				
25	1	119131-18320	STUD, M8X22			4	4				
26	1	26106-080252	BOLT, M8X 25 PLATED			2	2				
27	1	26306-080002	NUT, M8			4	4				
28	1	26306-080002	NUT, M8			2	2				
29	1	119810-13110	GASKET			1	1				
30	1	119802-13129	MANIFOLD, EXHAUST			1	1				
31	1	129004-13200	GASKET, SILENCER			1	1				
32	1	129240-13500	SILENCER			1	1				
33	1	123900-13610	STUD, M8X80			2	2				
34	1	123900-13630	BOLT, M8X80			4	4				
35	1	119131-18320	STUD, M8X22			4	4				
36	1	26106-100202	BOLT, M10X 20 PLATED			2	2				
37	1	26306-080002	NUT, M8			2	2				
38	1	26306-080002	NUT, M8			4	4				
39	1	129004-13200	GASKET, SILENCER			1	1				
40	1	129004-13200	GASKET, SILENCER (C=*2009.05.) (D=*2009.05.)			1	1				W
41	1	129005-13600	PIPE ASSY, TAIL (C=*2009.05.) (D=*2009.05.)			1	1				W
42	2	119358-13640	CAP, RAIN (C=*2009.05.) (D=*2009.05.)			1	1				W
43	2	121855-13821	SPACER, A (C=*2009.05.) (D=*2009.05.)			1	1				W
44	2	121855-13830	SPACER, B (C=*2009.05.) (D=*2009.05.)			2	2				W
45	2	123500-13840	SPACER, C (C=*2009.05.) (D=*2009.05.)			1	1				W

N:Old $\frac{NBS}{100}$ New, Q:Old $\frac{HQ}{100}$ New, R:Old $\frac{RBS}{100}$ New, S:Old $\frac{SBS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

0CW10-M43500 3TNV82A-BDYE

Fig.7. EXHAUST MANIFOLD & SILENCER



0CW10-M43500 Fig.7

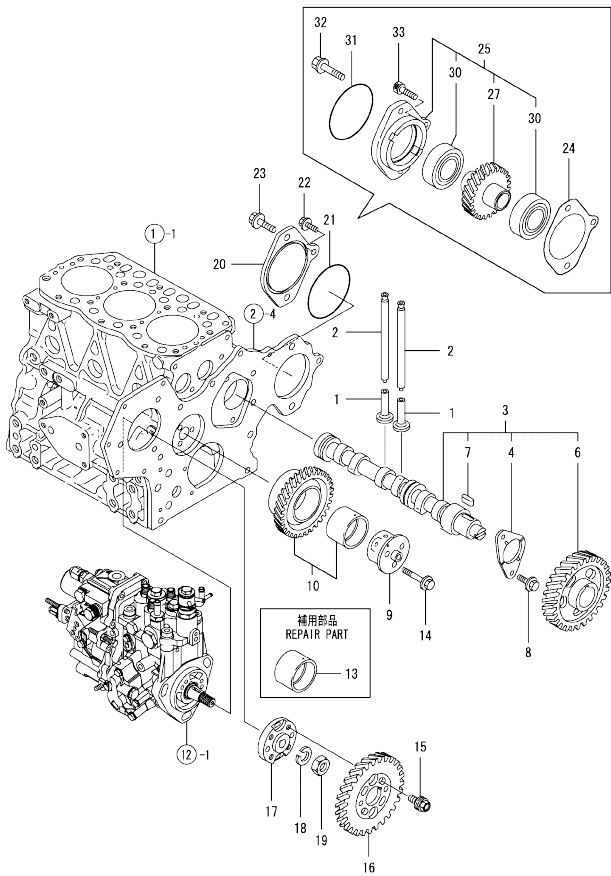
(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYE2D

(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
46	2	26106-060402	BOLT, M6X 40 PLATED (C=*2009.05.) (D=*2009.05.)			1	1				W
47	2	26347-040002	NUT, M4 (C=*2009.05.) (D=*2009.05.)			1	1				W
48	2	26347-060002	NUT, M6 (C=*2009.05.) (D=*2009.05.)			1	1				W
49	2	26557-040352	SCREW, M4X35 (C=*2009.05.) (D=*2009.05.)			1	1				W
50	1	26306-080002	NUT, M8 (C=*2009.05.) (D=*2009.05.)			4	4				W

0CW10-M43500 3TNV82A-BDYE

Fig.8. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

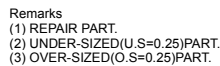
0CW10-M43500 Fig.8

(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYE2
(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6	6				6		
2	1	119810-14400	ROD, PUSH	6	6				6		
3	1	119802-14580	CAMSHAFT ASSY	1	1				1		
4	2	129150-02450	BEARING, THRUST	1	1				1		
6	2	129150-14101	GEAR, CAMSHAFT	1	1				1		
7	2	22512-070140	KEY, 7X 14	1	1				1		
8	1	26106-080142	BOLT, M8X 14 PLATED	2	2				2		
9	1	119803-25050	SHAFT, IDLE	1	1				1		
10	1	119802-25101	GEAR ASSY, IDLE	1	1				1		
13	1	119802-25071	BUSH, IDLE GEAR	1	1				1		1
14	1	26106-080402	BOLT, M8X 40 PLATED	3	3				3		
15	1	129150-25301	BOLT	4	4				4		
16	1	119802-25901	GEAR, PUMP	1	1				1		
17	1	158552-51151	FLANGE	1	1				1		
18	1	22217-140000	WASHER, SPRING 14	1	1				1		
19	1	26776-140002	NUT, LOCK M14	1	1				1		
20	1	129430-26070	COVER	1	1				1		
21	1	24321-000800	O-RING, 1AG80.0	1	1				1		
22	1	26106-080252	BOLT, M8X 25 PLATED	1	1				1		
23	1	26106-100302	BOLT, M10X 30 PLATED	2	2				2		
24	1	171353-26081	GASKET			1	1				
25	1	129484-26200	DRIVE ASSY, PUMP			1	1				
27	2	129484-26210	GEAR ASSY			1	1				
30	2	24105-060064	BEARING, BALL 6006Z			2	2				
31	1	24321-000850	O-RING, 1AG85.0			1	1				
32	1	26106-100452	BOLT, M10X 45 PLATED			2	2				
33	1	26450-080282	BOLT, M8X 28			1	1				W

(C)="2009.07." (D)="2009.07."

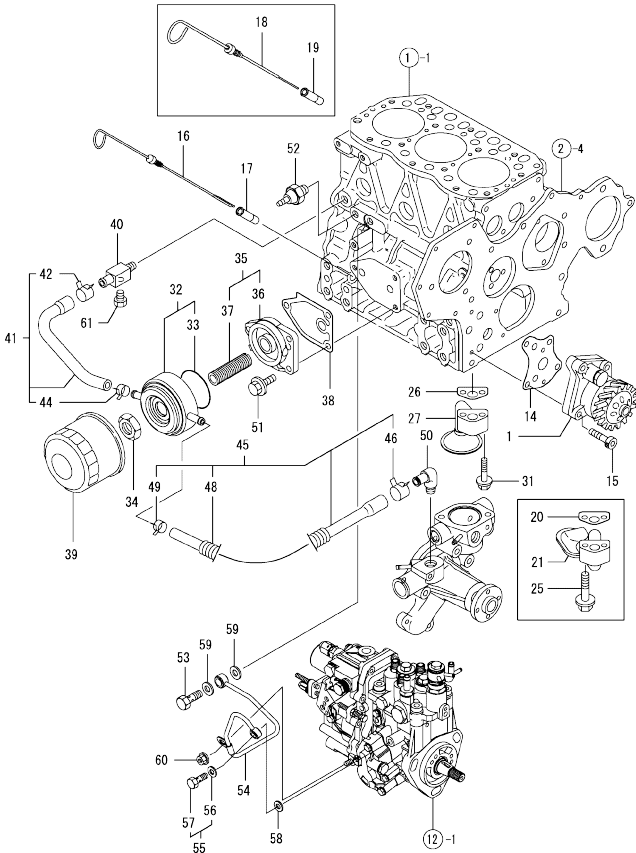
Fig.9. CRANKSHAFT & PISTON



(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYED
(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

N:Old $\xrightarrow{\text{Yes}} \text{New, Q:Old} \xrightarrow{\text{No}} \text{New, R:Old} \xrightarrow{\text{Yes}} \text{New, S:Old} \xrightarrow{\text{No}} \text{New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change}$
 Copyright (C) YANMAR CO., LTD. All Rights Reserved.

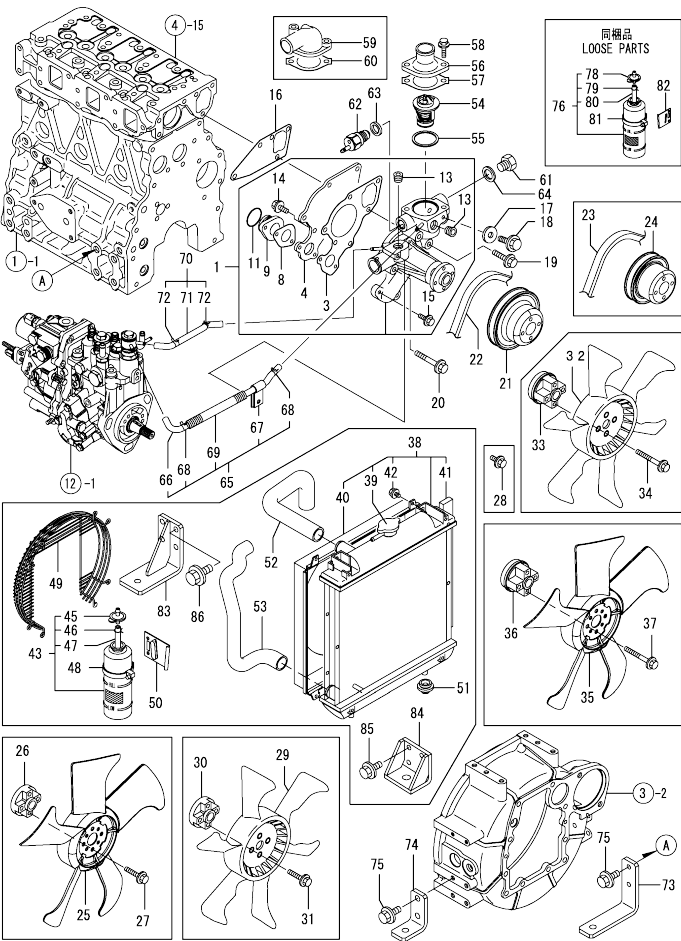
0CW10-M43500 3TNV82A-BDYE
Fig.10. LUB. OIL SYSTEM



Remarks
(1) REPAIR PART.

										0CW10-M43500 Fig.10	
										(A)=3TNV82A-BDYE (B)=3TNV82A-BDYE2 (C)=3TNV82A-BDYE2D (D)=3TNV82A-BDYE2D (E)=3TNV82A-BDYE2T (F)=	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	Q'ty	I R
1	1	129001-32001	PUMP ASSY, OIL	1	1					1	
14	1	129150-32020	GASKET, PUMP	1	1					1	
15	1	26450-060252	BOLT, M6X 25	4	4					4	
16	1	119802-34802	DIPSTICK, OIL	1							
17	1	121520-34810	GUIDE, DIPSTICK	1							
18	1	119802-34812	DIPSTICK, OIL		1					1	
19	1	121520-34810	GUIDE, DIPSTICK		1					1	
20	1	129150-35042	GASKET		1					1	
21	1	119810-35401	PIPE ASSY, OIL INLET		1					1	
25	1	26106-080352	BOLT, M8X 35 PLATED		2					2	
26	1	129150-35042	GASKET	1							
27	1	119810-35300	PIPE ASSY, OIL INLET	1							
31	1	26106-080352	BOLT, M8X 35 PLATED	2							
32	1	129508-33010	COOLER ASSY, OIL	1	1					1	
33	2	129508-33050	O-RING	1	1					1	
34	1	129417-33110	NUT	1	1					1	
35	1	129006-35100	BRACKET ASSY, FILTER	1	1					1	
36	2	119802-35110	BRACKET, FILTER	1	1					1	
37	2	129417-35150	STUD, L=67	1	1					1	
38	1	129150-35111	GASKET	1	1					1	
39	1	129150-35170	FILTER, LO	1	1					1	1
40	1	129006-44480	JOINT	1	1					1	
41	1	129508-49030	PIPE ASSY, WATER	1	1					1	
42	2	171008-03990	CLIP, HOSE 18.5	1	1					1	
44	2	23080-015000	CLAMP, 15	1	1					1	
45	1	129508-49040	PIPE ASSY, WATER	1	1					1	
46	2	171008-03990	CLIP, HOSE 18.5	1	1					1	
48	2	119940-59130	TUBE, CORRUGATED	1	1					1	
49	2	23080-015000	CLAMP, 15	1	1					1	
50	1	119944-49300	ELBOW, PT3/8	1	1					1	
51	1	26106-080202	BOLT, M8X 20 PLATED	3	3					3	
52	1	114250-39450	SWITCH, 0.5KG	1	1					1	
53	1	124160-39140	BOLT, PIPE JOINT M10	1	1					1	
54	1	119802-39450	PIPE ASSY, OIL	1	1					1	
55	1	129005-59630	BOLT ASSY, JOINT M8	1	1					1	
56	2	22190-080002	WASHER, SEAL 6	1	1					1	
57	2	23857-030000	BOLT, JOINT 3	1	1					1	
58	1	22190-080002	WASHER, SEAL 6	1	1					1	
59	1	22190-100002	WASHER, SEAL 10	2	2					2	
60	1	26366-060002	NUT, M6	1	1					1	
61	1	171056-49120	PLUG, DRAIN	1	1					1	

Fig.11. COOLING WATER SYSTEM

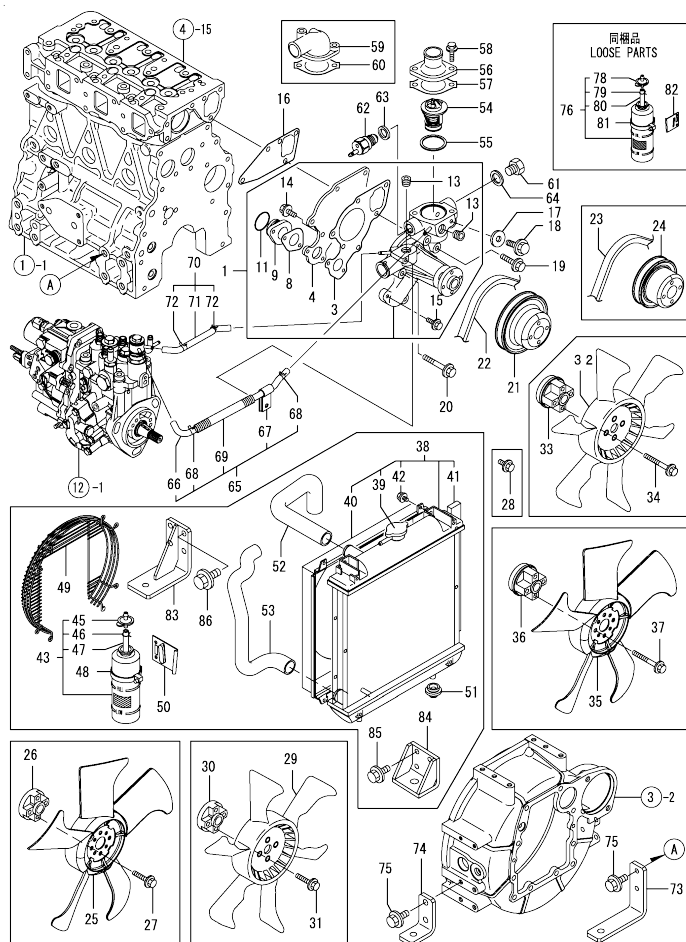


(A)=3TNV82A-BDYE (D)=3TNV82A-BDYE2D
(B)=3TNV82A-BDYE2 (E)=3TNV82A-BDYE2T
(C)=3TNV82A-BDYE2 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-42001	PUMP ASSY, WATER	1	1				1		
3	2	119810-42051	GASKET, WATER PUMP	1	1				1		
4	2	119810-42120	PLATE, PUMP	1	1				1		
8	2	119810-42281	GASKET, WATER PUMP	1	1				1		
9	2	119810-42290	PIPE, PUMP	1	1				1		
11	2	129054-42320	O-RING	1	1				1		
13	2	23876-030000	PLUG, R03	2	2				2		
14	2	26106-060142	BOLT, M6X 14 PLATED	2	2				2		
15	2	26106-060202	BOLT, M6X 20 PLATED	2	2				2		
16	1	129486-42050	GASKET, WATER PUMP	1	1				1		
17	1	23414-080000	GASKET, 8X1.0	1	1				1		
18	1	26106-080122	BOLT, M8X 12 PLATED	1	1				1		
19	1	26106-080352	BOLT, M8X 35 PLATED	1	1				1		
20	1	26106-080552	BOLT, M8X 55 PLATED	3	3				3		
21	1	129403-42380	V-PULLEY, D=110			1	1				
22	1	25132-003700	V-BELT, A37			1	1				
23	1	119865-42290	V-BELT, A36.5			1	1				
24	1	129155-42350	V-PULLEY, C.W.PUMP			1	1				
25	1	129335-44740	FAN, COOLING D335			1	1				
26	1	121267-44760	SPACER, FAN 18MM			1	1				
27	1	26106-060302	BOLT, M6X 30 PLATED			4	4				
28	1	26106-060122	BOLT, M6X 12 PLATED			4	4				
29	1	171340-44740	FAN, COOLING D335XNF			1	1				
30	1	121267-44760	SPACER, FAN 18MM			1	1				
31	1	26106-060302	BOLT, M6X 30 PLATED			4	4				
32	1	171340-44740	FAN, COOLING D335XNF			1	1				
33	1	129030-44760	SPACER, FAN L38.5			1	1				
34	1	26106-060502	BOLT, M6X 50 PLATED			4	4				
35	1	129335-44740	FAN, COOLING D335			1	1				
36	1	129030-44760	SPACER, FAN L38.5			1	1				
37	1	26106-060502	BOLT, M6X 50 PLATED			4	4				
38	1	119802-44500	RADIATOR ASSY			1	1				
39	2	129107-44590	CAP, RADIATOR			1	1				
40	2	119802-44600	SHROUD			1	1				
41	2	119515-44610	GASKET			2	2				
42	2	26014-060122	BOLT, M6X 12			4	4				
43	1	124450-44510	TANK ASSY, SUB			1	1				
45	2	124450-44530	CAP, SUB-TANK			1	1				
46	2	124450-44560	CLAMP, HOSE			1	1				
47	2	23061-070230	PIPE, 7X 230			1	1				
48	1	124450-44550	BAND, SUB-TANK			1	1				
49	1	119802-44560	GUARD			1	1				
50	1	121256-44600	BRACKET, SUB TANK			1	1				
51	1	119255-44660	ABSORBER			2	2				
52	1	119960-49010	PIPE, WATER			1	1				
53	1	129004-49020	PIPE, WATER			1	1				
54	1	129155-49801	THERMOSTAT, 71C	1	1				1		
55	1	129150-49811	GASKET, THERMOSTAT	1	1				1		
56	1	129350-49530-1	COVER, THERMOSTAT	1	1				1		
57	1	129795-49551	GASKET	1	1				1		
58	1	26106-080222	BOLT, M8X 22 PLATED	2	2				2		

N:Old, New, Q:Old, New, R:Old, New, S:Old, New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.11. COOLING WATER SYSTEM

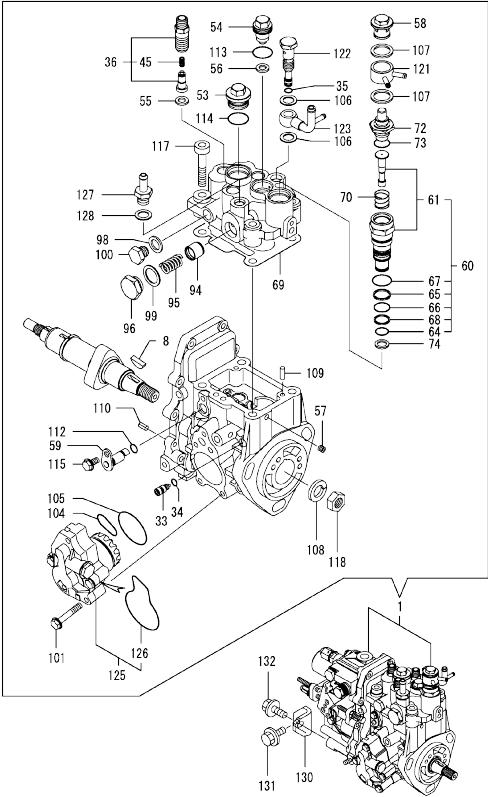


(A)=3TNV82A-BDYE (D)=3TNV82A-BDYE2D
(B)=3TNV82A-BDYE2 (E)=3TNV82A-BDYE2T
(C)=3TNV82A-BDYED (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
59	1	124101-49531	COVER, THERMOSTAT			1	1				
60	1	129795-49551	GASKET			1	1				
61	1	121450-42450	PLUG, M16	1	1			1			
62	1	121250-44901	SWITCH, THERMO 110	1	1			1			
63	1	124465-44950	GASKET, 16	1	1			1			
64	1	124465-44950	GASKET, 16	1	1			1			
65	1	119802-49610	HOSE ASSY, WATER	1	1			1			
66	2	119802-49711	HOSE ASSY, WATER	1	1			1			
67	2	119802-49730	RETAINER, PIPE	1	1			1			
68	2	124722-59050	CLAMP, HOSE 9	2	2			2			
69	2	119802-59320	TUBE, CORRUGATED	1	1			1			
70	1	119802-49620	HOSE ASSY, WATER	1	1			1			
71	2	119802-49721	HOSE ASSY, WATER	1	1			1			
72	2	124722-59050	CLAMP, HOSE 9	2	2			2			
73	1	119933-08100	FOOT			2	2				
74	1	119933-08110	FOOT			2	2				
75	1	26106-100202	BOLT, M10X 20 PLATED			8	8				
76	1	124450-44510	TANK ASSY, SUB			1	1				
78	2	124450-44530	CAP, SUB-TANK			1	1				
79	2	124450-44560	CLAMP, HOSE			1	1				
80	2	23061-070230	PIPE, 7X 230			1	1				
81	1	124450-44550	BAND, SUB-TANK			1	1				
82	1	121256-44600	BRACKET, SUB TANK			1	1				
83	1	119888-08100	FOOT			2	2				W
			(C="2009.05.)	(D="2009.05.)							
84	1	119888-08110	FOOT			2	2				W
			(C="2009.05.)	(D="2009.05.)							
85	1	26106-100202	BOLT, M10X 20 PLATED			8	8				W
			(C="2009.05.)	(D="2009.05.)							
86	1	26106-120252	BOLT, M12X 25 PLATED			8	8				W
			(C="2009.05.)	(D="2009.05.)							

N:Old $\xrightarrow{\text{YES}}$ New. Q:Old $\xrightarrow{\text{NO}}$ New. R:Old $\xrightarrow{\text{YES}}$ New. S:Old $\xrightarrow{\text{NO}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

0CW10-M43500 3TNV82A-BDYE
Fig.12. FUEL INJECTION PUMP



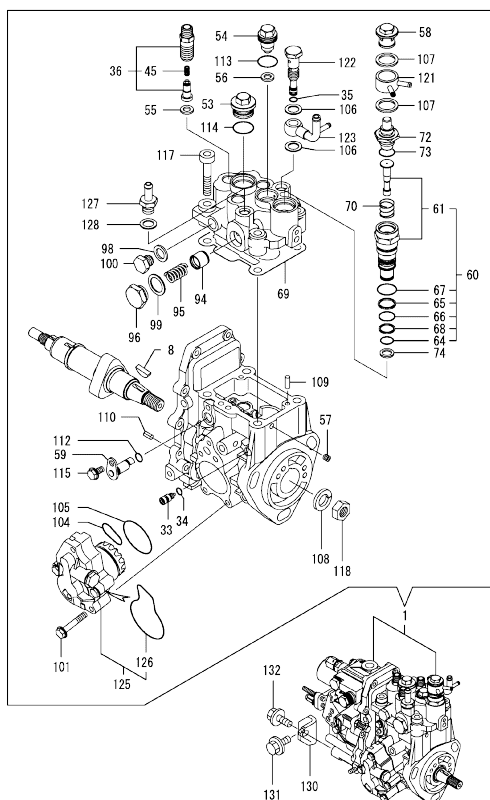
Remarks
(1) GOVERNOR ASSY(FIG.13) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP.(REF.NO.1).

0CW10-M43500 Fig.12
(A)=3TNV82A-BDYE (D)=3TNV82A-BDYE2D
(B)=3TNV82A-BDYE2 (E)=3TNV82A-BDYE2T
(C)=3TNV82A-BDYE2D (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719933-51300	PUMP ASSY, INJECTION	1	1						1
8	2	119802-51090	KEY, 4X16	1	1						
33	2	158600-51270	STOPPER, TAPPET	1	1						
34	2	158563-51281	O-RING, 4D S6	1	1						
35	2	158563-51281	O-RING, 4D S6	1	1						
36	2	129008-51390	VALVE ASSY, DELIVERY	3	3						
45	3	158563-51330	SPRING, DELIVERY	3	3						
53	2	158601-51550	PLUG	1	1						
54	2	119802-51560	PLUG, BARREL	1	1						
55	2	158552-51571	GASKET	3	3						
56	2	158552-51571	GASKET	1	1						
57	2	158557-51570	PLUG	1	1						
58	2	158601-51570	PLUG	1	1						
59	2	158552-51580	LIFTER	1	1						
60	2	119802-51590	TIMER SET	1	1						
61	3	119802-51600	TIMER ASSY	1	1						
64	3	158553-51670	O-RING, 1011	1	1						
65	3	119802-51680	RING, BACK UP	1	1						
66	3	119802-51690	O-RING	1	1						
67	3	24356-010200	O-RING, 4D1020	1	1						
68	3	24372-000150	RING, BACK UP T2P15	1	1						
69	2	158552-51600	GASKET	1	1						
70	2	158553-51630	SPRING, TIMER	1	1						
72	2	158553-51640	ELEMENT	1	1						
73	2	158553-51660	O-RING, P14	1	1						
74	2	158553-51680	GASKET	1	1						
94	2	158601-51770	PISTON	1	1						
95	2	158552-51781	SPRING	1	1						
96	2	158601-51790	PLUG	1	1						
98	2	22190-120002	WASHER, SEAL 12	1	1						
99	2	22190-180002	WASHER, SEAL 18	1	1						
100	2	23887-120002	PLUG, 12	1	1						
101	2	158553-51770	BOLT	4	4						
104	2	158552-52310	O-RING	1	1						
105	2	158552-52400	O-RING, 4E S42	1	1						
106	2	22190-120002	WASHER, SEAL 12	2	2						
107	2	22190-180002	WASHER, SEAL 18	2	2						
108	2	22217-140000	WASHER, SPRING 14	1	1						
109	2	22312-050140	PIN, PARALLEL M5X14	2	2						
110	2	22351-050010	PIN, SPRING 5.0X10	2	2						
112	2	24311-000070	O-RING, 1AP7.0	1	1						
113	2	24356-010180	O-RING, 4D1018	1	1						
114	2	24356-010200	O-RING, 4D1020	1	1						
115	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
117	2	26450-080452	BOLT, M8X 45	4	4						
118	2	26776-140002	NUT, LOCK M14	1	1						
121	2	158553-51551	JOINT	1	1						
122	2	158601-51650	JOINT, OVER FLOW	1	1						
123	2	158552-51670	JOINT, OVER FLOW	1	1						
125	2	158552-52100	PUMP ASSY, FUEL FEED	1	1						
126	3	158552-52500	O-RING	1	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
++ CONTINUE ++
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.12. FUEL INJECTION PUMP



Remarks
(1) GOVERNOR ASSY(FIG.13) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP.(REF.NO.1).

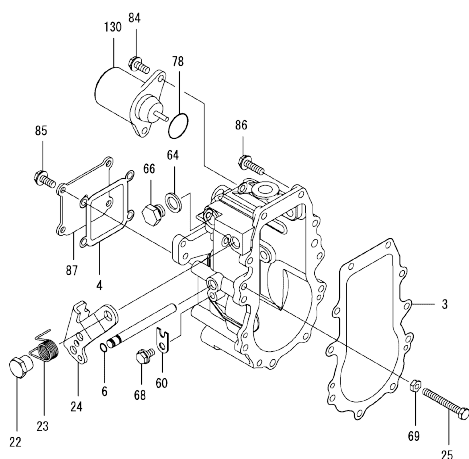
(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYED

(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
127	2	119934-59910	JOINT, PIPE	1	1			1	
128	2	22190-120002	WASHER, SEAL 12					1	
130	1	119802-51250	RETAINER, PUMP	1	1			1	
131	1	26106-080162	BOLT, M&X 16 PLATED	1	1			1	
132	1	26106-080202	BOLT, M&X 20 PLATED	1	1			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.13. GOVERNOR



Remarks
* THIS FIGURE(GOVERNOR ASSY)IS
INCORPORATED IN THE FUEL INJECTION
PUMP ASSY(FIG.12).

(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYED

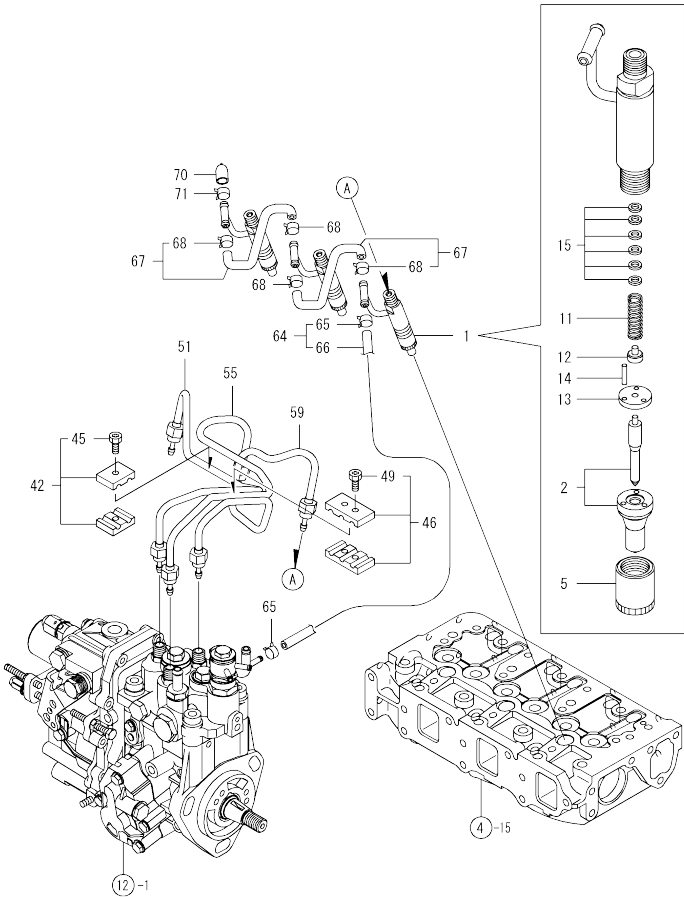
(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	2	158553-61050	GASKET	1	1			1			
4	2	158553-61070	GASKET	1	1			1			
6	2	129155-51280	O-RING, S6	1	1			1			
22	2	129255-61410	NUT, LOCK	1	1			1			
23	2	119807-61420	SPRING, RETURN	1	1			1			
24	2	158552-61441	LEVER, REGULATOR	1	1			1			
25	2	129155-61460	BOLT, IDLE	1	1			1			
60	2	119660-61901	RETAINER, SHAFT	1	1			1			
64	2	22190-120000	WASHER, SEAL 12	1	1			1			
66	2	23887-120002	PLUG, 12	1	1			1			
68	2	26106-060102	BOLT, M6X 10 PLATED	1	1			1			
69	2	26756-060002	NUT, LOCK M6	1	1			1			
78	2	158552-61900	O-RING	1	1			1			
84	2	26106-060142	BOLT, M6X 14 PLATED	2	2			2			
85	2	26106-060142	BOLT, M6X 14 PLATED	4	4			4			
86	2	26106-060202	BOLT, M6X 20 PLATED	10	10			10			
87	2	129642-61060	COVER, GOVERNOR CASE	1	1			1			
130	2	119653-77950	SOLENOID, STOP	1	1			1			

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

0CW10-M43500 3TNV82A-BDYE

Fig.14. FUEL INJECTION VALVE



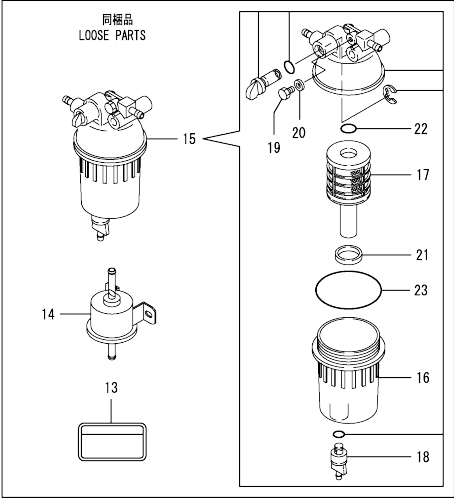
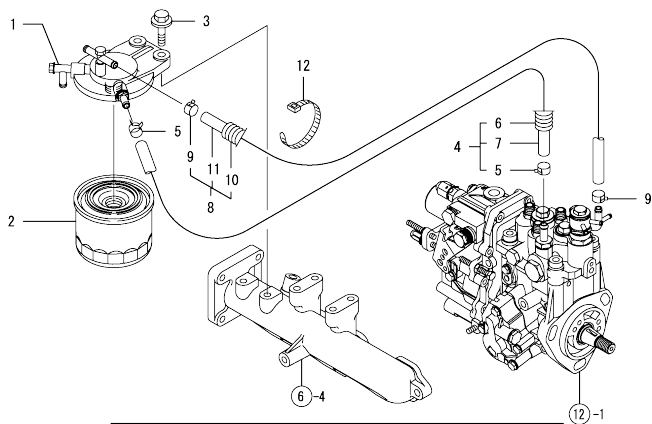
0CW10-M43500 Fig.14

(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYE2

(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729008-53100	VALVE ASSY,INJECTION	3	3				3		
2	2	129008-53000	VALVE ASSY,INJECTION	3	3				3		
5	2	114250-53080	NUT, NOZZLE D16.95	3	3				3		
11	2	114250-53120	SPRING, NOZZLE	3	3				3		
12	2	114250-53130	SEAT, SPRING	3	3				3		
13	2	114250-53140	PLATE	3	3				3		
14	2	114250-53210	PIN	6	6				6		
15	2	119803-53400	SHIM SET	3	3				3		
42	1	119305-59120	RETAINER, PIPE	1					3		
45	2	129150-59131	BOLT, M4X14	1	1				1		
46	1	129150-59120	RETAINER, PIPE	1	1				1		
49	2	129150-59131	BOLT, M4X14	2	2				2		
51	1	119802-59960	PIPE ASSY, INJECTION	1	1				1		
55	1	119802-59970	PIPE ASSY, INJECTION	1	1				1		
59	1	119802-59980	PIPE ASSY, INJECTION	1	1				1		
64	1	119802-59550	PIPE ASSY, RETURN	1	1				1		
65	2	124722-59050	CLIP, HOSE 9	2	2				2		
66	2	119802-59560	PIPE, FUEL RETURN	1	1				1		
67	1	129486-59551	PIPE ASSY, RETURN	2	2				2		
68	2	124722-59050	CLIP, HOSE 9	4	4				4		
70	1	119593-59581	CAP	1	1				1		
71	1	124060-77680	CLIP, HOSE 10	1	1				1		

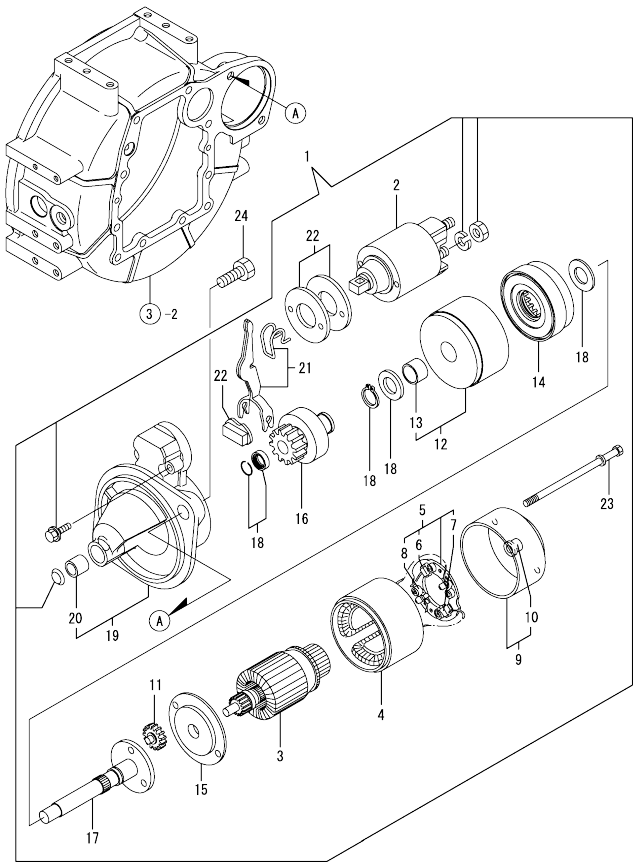
Fig.15. FUEL LINE



(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYE2
(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-55612	BRACKET, FILTER	1	1				1		
2	1	119802-55810	FILTER,FO	1	1				1		
3	1	26106-080302	BOLT, M8X 30 PLATED	2	2				2		
4	1	129044-59010	PIPE, D13/7.5X220	1	1				1		
5	2	124766-59050	CLIP, HOSE 12	2	2				2		
6	2	129044-59100	TUBE, CORRUGATED	1	1				1		
7	2	129044-59510	PIPE, FUEL 220	1	1				1		
8	1	129630-59010	PIPE ASSY, FUEL	1	1				1		
9	2	124766-59050	CLIP, HOSE 12	2	2				2		
10	2	129961-59110	TUBE, CORRUGATED	1	1				1		
11	2	105025-59560	PIPE, FUEL	1	1				1		
12	1	121750-59890	BAND, 140	1	1				1		
13	1	114110-07760	LABEL, FUEL CAUTION	1	1				1		
14	1	119225-52102	PUMP ASSY, FUEL FEED	1	1				1		
15	1	129242-55700	SEPARATOR ASSY	1	1				1		
16	2	129242-55720	CUP	1	1				1		
17	2	129242-55730	ELEMENT	1	1				1		
18	2	129242-55740	PLUG, DRAIN	1	1				1		
19	2	129242-55750	VALVE, AIR VENT	1	1				1		
20	2	129242-55760	GASKET	1	1				1		
21	2	129242-55770	FLOAT	1	1				1		
22	2	24311-000160	O-RING, 1AP16.0	1	1				1		
23	2	24321-000750	O-RING, 1AG75.0	1	1				1		

0CW10-M43500 3TNV82A-BDYE
Fig.16. STARTING MOTOR

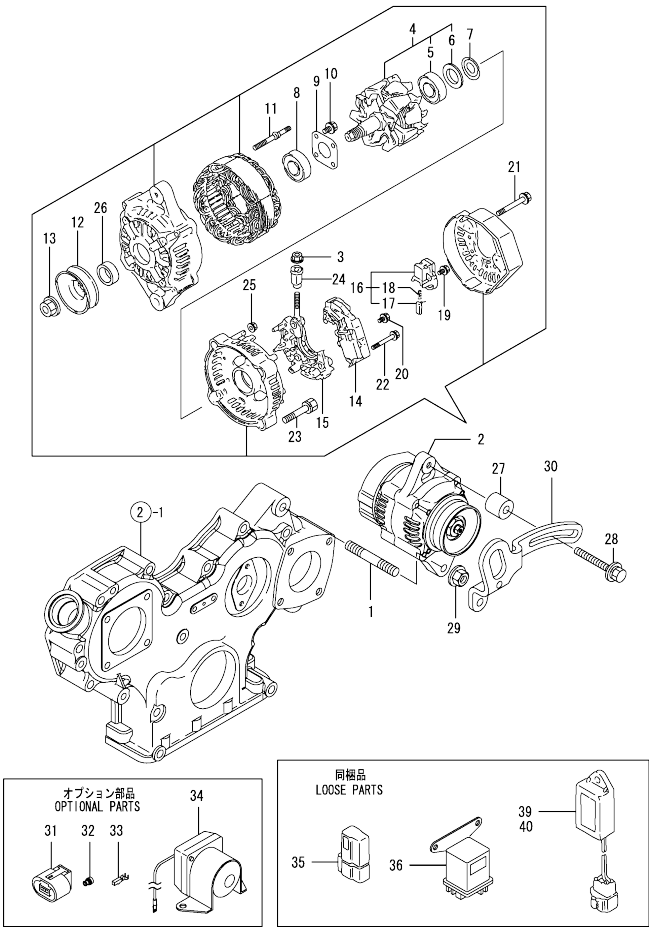


0CW10-M43500 Fig.16

(A)=3TNV82A-BDYE (D)=3TNV82A-BDYE2D
(B)=3TNV82A-BDYE2 (E)=3TNV82A-BDYE2T
(C)=3TNV82A-BDYED (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129242-77010	STARTER	1	1				1		
2	2	129698-77020	SWITCH ASSY	1	1				1		
3	2	129242-77100	ARMATURE ASSY	1	1				1		
4	2	129242-77110	YOKE ASSY	1	1				1		
5	2	129242-77120	HOLDER ASSY, BRUSH	1	1				1		
6	3	129242-77130	BRUSH	2	2				2		
7	3	129242-77140	BRUSH SET	1	1				1		
8	3	129242-77150	SPRING	4	4				4		
9	2	129242-77160	COVER ASSY	1	1				1		
10	3	129242-77170	METAL	1	1				1		
11	2	118400-77170	GEAR	3	3				3		
12	2	129242-77180	BRACKET	1	1				1		
13	3	129698-77190	BRACKET	1	1				1		
14	2	129698-77200	GEAR, INTERNAL	1	1				1		
15	2	129242-77210	BRACKET	1	1				1		
16	2	129698-77220	PINION ASSY	1	1				1		
17	2	129698-77230	SHAFT	1	1				1		
18	2	129698-77250	WASHER SET	1	1				1		
19	2	129242-77260	CASE ASSY	1	1				1		
20	3	X2114535200	METAL, STARTER	1	1				1		
21	2	129242-77270	LEVER SET	1	1				1		
22	2	129242-77280	COVER ASSY, DUST	1	1				1		
23	2	124195-77770	BOLT, THROUGH	2	2				2		
24	1	26116-120202	BOLT, M12X 20 PLATED	2	2				2		

0CW10-M43500 3TNV82A-BDYE
Fig.17. GENERATOR



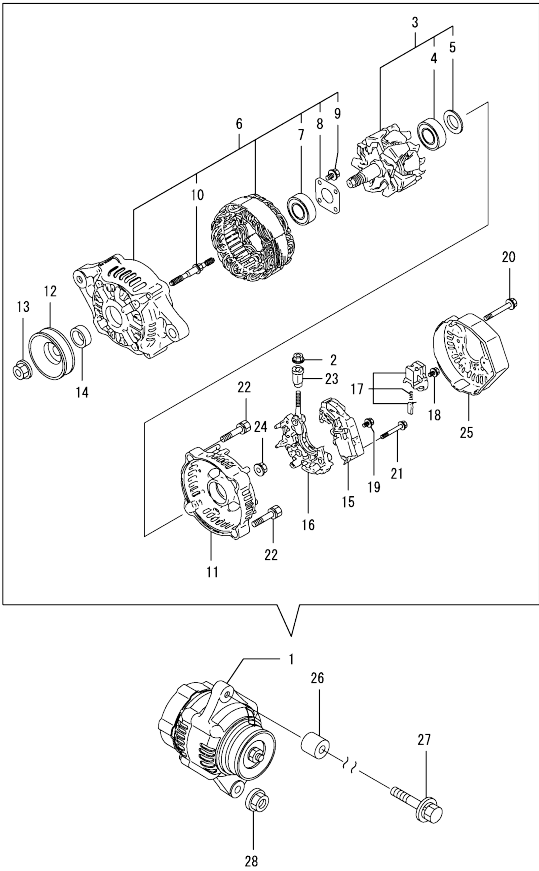
0CW10-M43500 Fig.17

(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYE2D
(D)=3TNV82A-BDYE2D
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-01900	STUD	1	1						
2	1	119751-77200	GENERATOR, 12V-40AP			1	1				
3	2	X9490561001	NUT			1	1				
4	2	119620-77380	ROTOR ASSY			1	1				
5	3	119620-79240	BEARING, BALL			1	1				
6	3	119620-79250	COVER			1	1				
7	2	119620-79360	WASHER, THRUST			1	1				
8	2	119620-79200	BEARING, BALL			1	1				
9	2	119620-79210	PLATE, RETAINER			1	1				
10	2	119620-79220	SCREW			4	4				
11	2	119620-79230	STUD			2	2				
12	2	119620-77461	PULLEY			1	1				
13	2	119620-77471	NUT			1	1				
14	2	129423-77710	REGULATOR ASSY			1	1				
15	2	119620-79260	HOLDER			1	1				
16	2	129052-79270	HOLDER, BRUSH			1	1				
17	3	119620-77480	BRUSH ASSY			2	2				
18	3	119620-79280	SPRING			2	2				
19	2	119620-79290	SCREW			6	6				
20	2	119620-79300	SCREW			1	1				
21	2	119620-79310	BOLT			3	3				
22	2	119620-79320	SCREW			2	2				
23	2	119620-79330	BOLT			2	2				
24	2	119620-79340	BUSH, INSULATION			1	1				
25	2	119620-79350	NUT			2	2				
26	2	119620-77490	COLLAR			1	1				
27	1	124732-77340	SPACER			1	1				
28	1	129972-77341	BOLT, ADJUSTER L=50			1	1				
29	1	26306-100002	NUT, M10			1	1				
30	1	119808-77330	ADJUSTER	1	1			1			
31	1	119515-77900	HOUSING			1	1				
32	1	119515-77910	SEAL			3	3				
33	1	119515-77920	TERMINAL			3	3				
34	1	129100-77910	RELAY, MAGNETIC			1	1				
35	1	119643-66900	DIODE	1	1			1			
36	1	119650-77910	RELAY ASSY, GLOW	1	1			1			
39	1	128300-77920	TIMER	1	1			1			
40	1	129211-77920	TIMER	1	1			1			

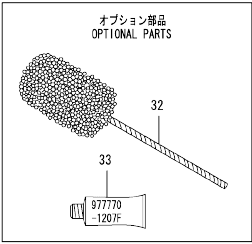
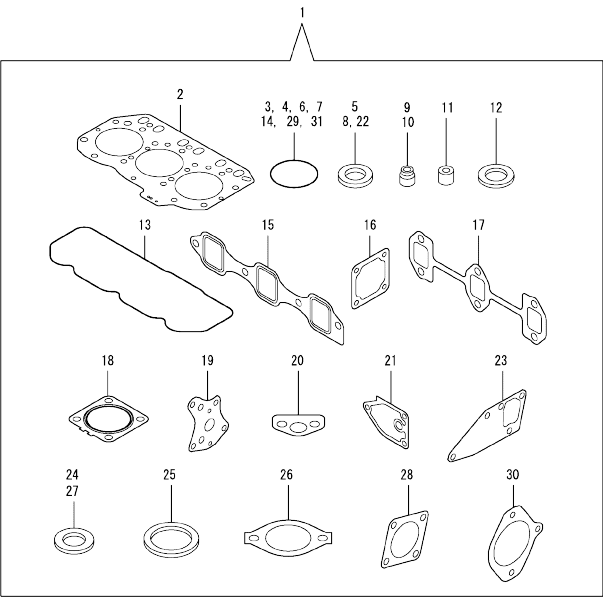
N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

0CW10-M43500 3TNV82A-BDYE
Fig.18. GENERATOR



				(A)=3TNV82A-BDYE (B)=3TNV82A-BDYE2 (C)=3TNV82A-BDYE2		0CW10-M43500 Fig.18 (D)=3TNV82A-BDYE2D (E)=3TNV82A-BDYE2T (F)=					
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119626-77210	ALTERNATOR, 12V-55A			1	1				
2	2	X9490561001	NUT			1	1				
3	2	129052-77380	ROTOR ASSY			1	1				
4	3	123501-79240	BEARING, BALL			1	1				
5	3	119620-79250	COVER			1	1				
6	2	129052-77422	FRAME ASSY			1	1				
7	3	119620-79200	BEARING, BALL			1	1				
8	3	119620-79210	PLATE, RETAINER			1	1				
9	3	119620-79220	SCREW			4	4				
10	3	119620-79230	STUD			2	2				
11	2	128401-77440	FRAME			1	1				
12	2	119620-77461	PULLEY			1	1				
13	2	119620-77471	NUT			1	1				
14	2	119620-77490	COLLAR			1	1				
15	2	119626-77710	REGULATOR ASSY			1	1				
16	2	129052-79260	HOLDER			1	1				
17	2	129052-79270	HOLDER, BRUSH			1	1				
18	2	119620-79290	SCREW			6	6				
19	2	119620-79300	SCREW			1	1				
20	2	119620-79310	BOLT			3	3				
21	2	119620-79320	SCREW			2	2				
22	2	119620-79330	BOLT			2	2				
23	2	119620-79340	BUSH, INSULATION			1	1				
24	2	119620-79350	NUT			2	2				
25	2	119626-77450	COVER			1	1				
26	1	124732-77340	SPACER			1	1				
27	1	129972-77341	BOLT, ADJUSTER L=50			1	1				
28	1	26306-100002	NUT, M10			1	1				

Fig.19. GASKET SET



Remarks
(1) OPTIONAL PART.

(A)=3TNV82A-BDYE
(B)=3TNV82A-BDYE2
(C)=3TNV82A-BDYE2D
(D)=3TNV82A-BDYE2T
(E)=3TNV82A-BDYE2T
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719812-92750	GASKET SET	1							1
2	2	119812-01330	GASKET, HEAD	1							
3	2	119609-32040	O-RING, P16	2							
4	2	121850-51960	O-RING	1							
5	2	22190-080002	WASHER, SEAL 6	7							
6	2	24311-000320	O-RING, 1AP32.0	2							
7	2	24341-000240	O-RING, 1AS24.0	1							
8	2	22190-220002	WASHER, SEAL 22	1							
9	2	119803-11340	SEAL, VALVE STEM	3							
10	2	124160-11340	SEAL, VALVE STEM	3							
11	2	119802-11870	PROTECTOR, NOZZLE	3							
12	2	119625-11880	SEAT, NOZZLE	3							
13	2	119802-11310	GASKET, BONNET	1							
14	2	24311-000120	O-RING, 1AP12.0	3							
15	2	119810-12112	GASKET, MANIFOLD	1							
16	2	129150-77511	GASKET	1							
17	2	119810-13110	GASKET	1							
18	2	129004-13200	GASKET, SILENCER	2							
19	2	129150-32020	GASKET, PUMP	1							
20	2	129150-35042	GASKET	1							
21	2	129150-35111	GASKET	1							
22	2	22190-100002	WASHER, SEAL 10	2							
23	2	129486-42050	GASKET, WATER PUMP	1							
24	2	23414-080000	GASKET, 8X1.0	1							
25	2	129150-49811	GASKET, THERMOSTAT	1							
26	2	129795-49551	GASKET	1							
27	2	124465-44950	GASKET, 16	2							
28	2	124240-01883	GASKET	1							
29	2	24321-000800	O-RING, 1AG80.0	1							
30	2	171353-26081	GASKET	1							
31	2	24321-000850	O-RING, 1AG85.0	1							
32	1	129400-92420	HONE	1							1
33	1	977770-1207F	GASKET, LIQUID	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
104211-11180	5	24
104211-11370	5	14
105025-59560	15	11
114110-07760	15	13
114250-39450	10	52
114250-53080	14	5
114250-53120	14	11
114250-53130	14	12
114250-53140	14	13
114250-53210	14	14
118400-77170	16	11
119005-12060	6	37
119131-18320	7	5
		11
		17
		25
		35
119160-12060	6	38
119225-52102	15	14
119255-44660	11	51
119305-59120	14	42
119358-13640	7	42
119515-44610	11	41
119515-77900	17	31
119515-77910	17	32
119515-77920	17	33
119593-59581	14	70
119609-32040	2	9
	19	3
119620-01750	3	5
	4	3
119620-02020	1	5
119620-77380	17	4
119620-77461	17	12
	18	12
119620-77471	17	13
	18	13
119620-77480	17	17
119620-77490	17	26
	18	14
119620-79200	17	8
	18	7
119620-79210	17	9
	18	8
119620-79220	17	10
	18	9
119620-79230	17	11
	18	10
119620-79240	17	5
119620-79250	17	6

Parts No.	Fig. No.	Ref. No.
119620-79250	18	5
119620-79260	17	15
119620-79280	17	18
119620-79290	17	19
	18	18
119620-79300	17	20
	18	19
119620-79310	17	21
	18	20
119620-79320	17	22
	18	21
119620-79330	17	23
	18	22
119620-79340	17	24
	18	23
119620-79350	17	25
	18	24
119620-79360	17	7
119625-11880	5	32
	19	12
119626-77210	18	1
119626-77450	18	25
119626-77710	18	15
119640-01640	3	10
	4	8
119643-66900	17	35
119650-77910	17	36
119653-77950	13	130
119660-61901	13	60
119717-02930	1	15
119751-77200	17	2
119802-01561	2	5
119802-03010	5	41
119802-03090	6	1
119802-03110	5	43
119802-03121	5	44
119802-03130	5	45
119802-03141	5	46
119802-11100	5	21
119802-11110	5	22
119802-11241	5	3
119802-11251	5	4
119802-11260	5	6
119802-11270	5	7
119802-11280	5	8
119802-11310	5	48
	19	13
119802-11350	5	40
119802-11650	5	10
119802-11810	5	30

Parts No.	Fig. No.	Ref. No.
119802-11870	5	31
	19	11
119802-11900	5	33
119802-12130	6	4
119802-12500	6	10
119802-12560	6	14
119802-13109	7	1
		19
119802-13129	7	8
		30
119802-13640	7	3
		15
		23
119802-13740	7	4
		16
		24
119802-14580	8	3
119802-21650	9	8
119802-22500	9	25
119802-22950	9	42
119802-25071	8	13
119802-25101	8	10
119802-25901	8	16
119802-34802	10	16
119802-34812	10	18
119802-35110	10	36
119802-39450	10	54
119802-42001	11	1
119802-44500	11	38
119802-44560	11	49
119802-44600	11	40
119802-49610	11	65
119802-49620	11	70
119802-49711	11	66
119802-49721	11	71
119802-49730	11	67
119802-51090	12	8
119802-51250	12	130
119802-51560	12	54
119802-51590	12	60
119802-51600	12	61
119802-51680	12	65
119802-51690	12	66
119802-55810	15	2
119802-59320	11	69
119802-59550	14	64
119802-59560	14	66
119802-59960	14	51
119802-59970	14	55
119802-59980	14	59

Parts No.	Fig. No.	Ref. No.
119803-11340	5	25
	19	9
119803-11700	5	15
119803-21000	9	1
119803-21200	9	4
119803-22080	9	23
119803-25050	8	9
119803-53400	14	15
119803-77520	6	16
		30
119803-77821	5	55
119807-61420	13	23
119808-12540	6	12
		25
119808-77330	17	30
119810-01200	1	27
119810-01730	3	8
	4	6
119810-01770	3	9
119810-02871	1	32
119810-02941	1	35
119810-11120	5	23
119810-12112	6	3
	19	15
119810-13100	7	13
119810-13110	7	2
		7
		14
		20
		29
	19	17
119810-14400	8	2
119810-23200	9	34
119810-23601	9	35
119810-23611	9	38
119810-23910	9	37
119810-35300	10	27
119810-35401	10	21
119810-42051	11	3
119810-42120	11	4
119810-42281	11	8
119810-42290	11	9
119812-01330	1	28
	19	2
119813-22300	9	29
119843-01780	4	7
119865-21600	9	14
		18
119865-42290	11	23
119866-12541	6	13

Parts No. Index

Parts No.	Fig. No.	Ref. No.
119888-01601	3	2
119888-08100	11	83
119888-08110	11	84
119888-21450	9	19
119910-12210	6	9
119933-08100	11	73
119933-08110	11	74
119934-01800	2	3
119934-59910	12	127
119940-59130	10	48
119944-49300	10	50
119960-49010	11	52
120270-54410	5	34
121023-01551	2	22
121111-21501	9	11
	15	
121250-44901	11	62
121256-44600	11	50
	82	
121267-44760	11	26
	30	
121450-42450	11	61
121520-34810	10	17
	19	
121750-59890	15	12
121850-21680	9	10
121850-51960	2	10
	19	4
121855-12060	6	36
121855-13821	7	43
121855-13830	7	44
123500-13840	7	45
123501-79240	18	4
123900-13610	7	9
	33	
123900-13630	7	10
	34	
124060-01050	1	9
124060-11800	5	29
124060-77680	14	71
124101-49531	11	59
124160-01751	2	6
	5	39
124160-01910	1	11
	12	
124160-11340	5	26
	19	10
124160-11360	5	51
124160-39140	10	53
124195-77770	16	23

Parts No.	Fig. No.	Ref. No.
124240-01871	2	7
	19	
124240-01883	2	20
	19	28
124450-44510	11	43
	76	
124450-44530	11	45
	78	
124450-44550	11	48
	81	
124450-44560	11	46
	79	
124465-44950	11	63
	64	
	19	27
124722-59050	11	68
	72	
	14	65
	68	
124732-77340	17	27
	18	26
124766-59050	15	5
	9	
126650-12680	6	26
128300-77920	17	39
128401-77440	18	11
129001-01250	1	10
129001-32001	10	1
129001-91841	2	11
129004-12520	6	11
	23	
129004-13200	7	21
	31	
	39	
	40	
	19	18
129004-13500	7	22
129004-49020	11	53
129004-55612	15	1
129005-13600	7	41
129005-59830	10	55
129006-35100	10	35
129006-44480	10	40
129008-51390	12	36
129008-53000	14	2
129008-77800	5	54
129012-12530	6	24
129030-44760	11	33
	36	
129044-59010	15	4

Parts No.	Fig. No.	Ref. No.
129044-59100	15	6
129044-59510	15	7
129052-77380	18	3
129052-77422	18	6
129052-79260	18	16
129052-79270	17	16
	18	17
129054-42320	11	11
129100-01580	3	1
	15	
	4	1
	13	
	9	2
129100-01640	3	16
	4	14
129100-77910	17	34
129107-44590	11	39
129150-02450	8	4
129150-03070	5	42
129150-11230	5	11
129150-11280	5	9
129150-11750	5	13
129150-14101	8	6
129150-14200	8	1
129150-25301	8	15
129150-32020	10	14
	19	19
129150-35042	10	20
	26	
	19	20
129150-35111	10	38
	19	21
129150-35170	10	39
129150-49811	11	55
	19	25
129150-59120	14	46
129150-59131	14	45
	49	
129150-77511	6	7
	15	
	29	
	19	16
129155-42350	11	24
129155-49801	11	54
129155-51280	13	6
129155-61460	13	25
129211-77920	17	40
129240-13500	7	32
129242-55700	15	15
129242-55720	15	16

Parts No.	Fig. No.	Ref. No.
129242-55730	15	17
129242-55740	15	18
129242-55750	15	19
129242-55760	15	20
129242-55770	15	21
129242-77010	16	1
129242-77100	16	3
129242-77110	16	4
129242-77120	16	5
129242-77130	16	6
129242-77140	16	7
129242-77150	16	8
129242-77160	16	9
129242-77170	16	10
129242-77180	16	12
129242-77210	16	15
129242-77260	16	19
129242-77270	16	21
129242-77280	16	22
129247-12500	6	22
129247-12550	6	27
129255-61410	13	22
129335-44740	11	25
	35	
129350-49530-1	11	56
129400-92420	19	32
129403-42380	11	21
129410-03990	6	2
129417-33110	10	34
129417-35150	10	37
129423-77710	17	14
129430-26070	8	20
129484-26200	8	25
129484-26210	8	27
129486-01670	3	19
	4	17
129486-12581	6	6
129486-35210	3	4
129486-42050	11	16
	19	23
129486-59551	14	67
129488-21590	9	16
129508-33010	10	32
129508-33050	10	33
129508-49030	10	41
129508-49040	10	45
129604-01520	2	4
129612-01600	4	2
129630-59010	15	8
129642-61060	13	87

Parts No. Index

Parts No.	Fig. No.	Ref. No.
129647-12600	6	28
129698-77020	16	2
129698-77190	16	13
129698-77200	16	14
129698-77220	16	16
129698-77230	16	17
129698-77250	16	18
129792-22400	9	30
129795-01780	3	18
	4	16
129795-01900	17	1
129795-01950	2	8
129795-02412	1	13
129795-21661	9	9
129795-49551	11	57
	60	
	19	26
129900-07900	5	1
129961-59110	15	10
129972-77341	17	28
	18	27
158552-51151	8	17
158552-51571	12	55
	56	
158552-51580	12	59
158552-51600	12	69
158552-51670	12	123
158552-51781	12	95
158552-52100	12	125
158552-52310	12	104
158552-52400	12	105
158552-52500	12	126
158552-61441	13	24
158552-61900	13	78
158553-51551	12	121
158553-51630	12	70
158553-51640	12	72
158553-51660	12	73
158553-51670	12	64
158553-51680	12	74
158553-51770	12	101
158553-61050	13	3
158553-61070	13	4
158557-51570	12	57
158563-51281	12	34
		35
158563-51330	12	45
158600-51270	12	33
158601-51550	12	53
158601-51570	12	58

Parts No.	Fig. No.	Ref. No.
158601-51650	12	122
158601-51770	12	94
158601-51790	12	96
171008-03990	10	42
		46
171051-01921	1	4
171056-49120	10	61
171340-44740	11	29
		32
171353-26081	8	24
	19	30
171420-21580	9	12
22190-080002	2	12
	10	56
		58
	19	5
22190-100002	10	59
	19	22
22190-120000	13	64
22190-120002	12	98
		106
		128
22190-180002	12	99
		107
22190-220002	3	12
	4	10
	19	8
22217-140000	8	18
	12	108
	12	109
22312-050140	9	7
22351-030010	12	110
22351-050010	5	35
22351-060012	8	7
22512-070140	9	5
22857-500100	5	49
		50
23000-060000	6	17
		31
23061-070230	11	47
		80
23080-015000	10	44
		49
23414-080000	11	17
	19	24
23857-030000	10	57
23876-030000	11	13
23887-120002	12	100
	13	66
24104-062054	9	21

Parts No.	Fig. No.	Ref. No.
24105-060064	8	30
24311-000070	12	112
24311-000120	5	52
	19	14
24311-000160	15	22
24311-000320	2	13
	5	53
	19	6
24321-000750	15	23
24321-000800	8	21
	19	29
24321-000850	8	31
	19	31
24341-000240	2	23
	19	7
24356-010180	12	113
24356-010200	12	67
		114
24372-000150	12	68
25132-003700	11	22
26013-080222	6	18
		19
		32
26014-060122	11	42
26106-060102	12	115
	13	68
26106-060122	11	28
26106-060142	11	14
	13	84
		85
26106-060162	2	24
26106-060202	11	15
	13	86
26106-060302	11	27
		31
26106-060402	7	46
26106-060502	11	34
		37
26106-080122	11	18
26106-080142	8	8
26106-080162	2	14
		15
		21
	3	13
	4	11
	5	2
	6	33
	12	131
26106-080202	6	8
		20

Parts No.	Fig. No.	Ref. No.
26106-080202	6	34
	10	51
	12	132
26106-080222	9	22
	11	58
26106-080252	5	36
	6	5
	7	26
	8	22
26106-080302	2	16
	15	3
26106-080352	3	20
	4	18
	10	25
		31
	11	19
26106-080402	8	14
26106-080452	3	14
	4	12
	5	37
26106-080502	5	38
26106-080552	2	17
	11	20
26106-080802	6	21
		35
26106-100202	7	36
	11	75
		85
26106-100302	8	23
26106-100452	8	32
26106-120252	11	86
26116-120202	16	24
26206-100252	3	6
	4	4
26206-100302	3	7
	4	5
26306-080002	2	18
	7	6
		12
		18
		27
		28
		37
		38
		50
26306-100002	17	29
	18	28
26347-040002	7	47
26347-060002	7	48
26366-060002	10	60

Parts No. Index

Parts No.	Fig. No.	Ref. No.
26450-060252	10	15
26450-080282	8	33
26450-080452	12	117
26557-040352	7	49
26756-060002	13	69
26776-140002	8	19
	12	118
27241-120000	1	14
27241-300000	1	8
27241-400000	5	20
27310-070001	5	27
719802-01560	1	1
719803-22900	9	40
719810-02981	1	29
719810-23100	9	31
719812-92750	19	1
719933-51300	12	1
729008-53100	14	1
729652-01500	2	1
977770-1207F	19	33
X2114535200	16	20
X9490561001	17	3
	18	2

Parts No.	Fig. No.	Ref. No.

Parts No.	Fig. No.	Ref. No.