

0CV10-M40001EN

P R E F A C E

1. This Parts Catalog carries all parts incorporated in YANMAR Model L40AE-S & L60AE-S engine manufactured since June, 1990.
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.
4. Pub.No.000Y00V4000 First Published : June, 1990.
 Pub.No.000Y00V4001 First Revised : June, 1992.

Directions for the Parts Catalog.

- 1.The parts stipulated in this Parts Catalog are not necessarily standard equipped 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)

1

REF.

2

LEV.

PARTS NO.

DESCRIPTION

(A)=4JH-DT
(B)=4JH-DTZ
(C)=4JH-DTZP

(D)=4JH-DTZA
(E)=4JH-DTZY
(F)=

Q'TY

(A) (B) (C) (D) (E) (F)

3

I

5

R

1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1		1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N 1
		(A=E00185) (B=E00200)								
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9		
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4		K
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)								
4	2	129470-51040	CAMSHAFT	1	1	1	1	1		
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2		
6	2	129470-51060	RETAINER	1	1	1	1	1		

Remarks

(1) BOOST COMPEMSATOR TYPE. OPTIONAL PART, TO E00155,(4JH-DT, 4JH-DTZ

① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1 1 (Before change) → 1-1 (After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ---- Main parts (Assembly parts)

2 ---- Sub component included in " 1 ".

3 ---- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

③ Interchangeability Mark

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

Symbol	Interchangeability	Contents note
N	Old $\xrightarrow{\text{Yes}}$ New No $\xrightarrow{\text{No}}$	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New Yes $\xrightarrow{\text{Yes}}$	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New Yes $\xrightarrow{\text{Yes}}$	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New No $\xrightarrow{\text{No}}$	New/ Old Parts are both not interchangeable.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ Effective Machine No.

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

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

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

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

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

⑤ Remarks Mark

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

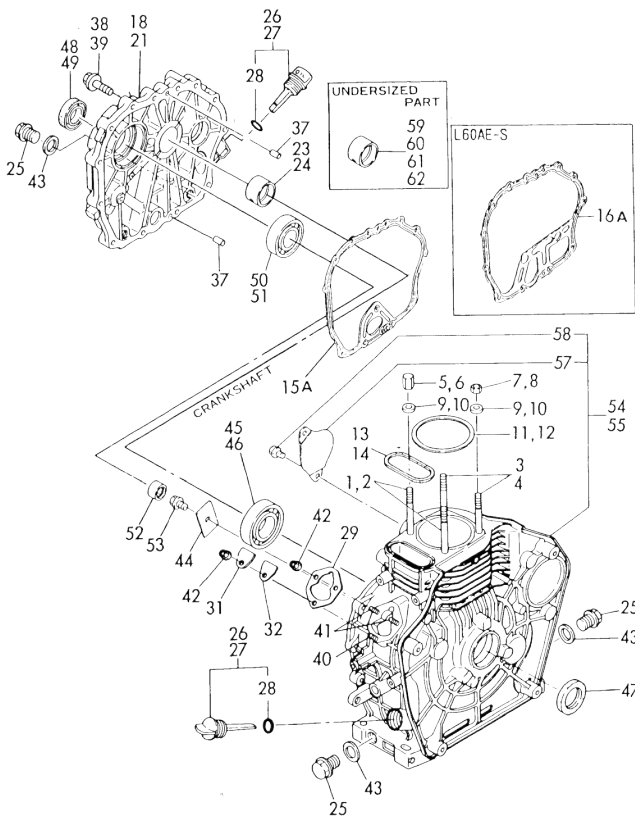
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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8.	FUEL INJECTION PUMP & VALVE		
9.	FUEL TANK & FUEL PIPE		
10.	TOOLS / LABELS & GASKET SET		

Fig.1. CYLINDER BLOCK

Fig.1 CYLINDER BLOCK

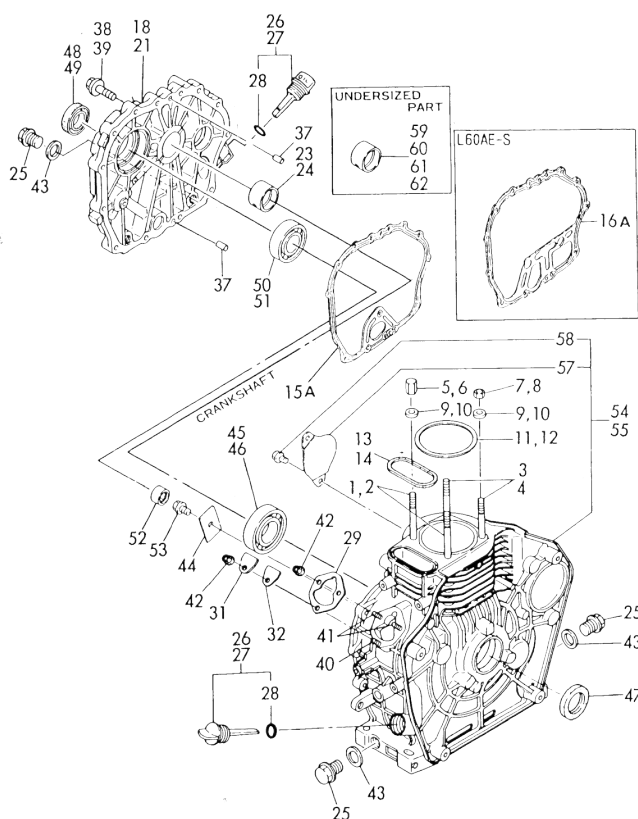


Remarks
(1) REPAIR PART.
(2) UNDER SIZED PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114250-01200	BOLT, HEAD		2						
2	1	114350-01200	BOLT, HEAD					2			
3	1	114250-01210	BOLT, HEAD		2						
4	1	114350-01210	BOLT, HEAD					2			
5	1	114250-01220	NUT, CYLINDER HEAD		2						
6	1	114350-01220	NUT, CYLINDER HEAD					2			
7	1	114250-01250	NUT, CAP		2						
8	1	114350-01250	NUT, CYLINDER HEAD					2			
9	1	124950-01250	WASHER		4						
10	1	105225-01240	WASHER					4			
11	1	114250-01340	GASKET, HEAD		1						
12	1	114350-01340	GASKET, HEAD					1			
13	1	114250-01380	O-RING		1						
14	1	114350-01380	O-RING					1			
15A	1	114250-01411	GASKET, CRANK CASE		1						
15A-1	1	114250-01412	GASKET, CRANK CASE		1						N
16A	1	114350-01411	GASKET, CRANK CASE					1			
16A-1	1	114350-01412	GASKET, CRANK CASE					1			N
18	1	114250-01452	COVER, CRANK CASE		1						
21	1	114350-01452	COVER, CRANK CASE					1			
23	1	114250-02100	BEARING, MAIN		1						1
24	1	114350-02100	BEARING, MAIN					1			1
25	1	105425-01690	PLUG, 16		3			3			
26	1	160710-01760	CAP ASSY, L82		2						
27	1	160910-01740	CAP ASSY					2			
28	2	24311-000180	O-RING, 1AP18.0		2			2			
29	1	114250-01800	SHIM SET		1			1			
31	1	114250-01830	COVER		1			1			
32	1	114250-01840	GASKET		1			1			
37	1	22312-080120	PIN, PARALLEL M8X12		2			2			
38	1	26106-060252	BOLT, M6X 25 PLATED		14						
39	1	26106-080352	BOLT, M8X 35 PLATED		1			15			
40	1	26226-060182	STUD, M6X 18		1			1			
41	1	26226-060222	STUD, M6X 22		2			2			
42	1	26366-060002	NUT, M6		3			3			
43	1	43400-500490	SEAL WASHER 16		3			3			
44	1	114250-02030	RETAINER, BEARING		1			1			
45	1	114250-02113	BEARING, HR6306G3C3		1						
46	1	114350-02113	BEARING, B35-135G3C3					1			
47	1	160110-02220	SEAL, OIL		1			1			
48	1	160210-02220	SEAL, 25X41.2X8		1						
49	1	160110-02220	SEAL, OIL					1			
50	1	24101-062050	BEARING, BALL 6205C3		1						
51	1	24101-062060	BEARING, BALL 6206C3					1			
52	1	24162-152112	BEARING, 152112		1			1			
53	1	26106-080122	BOLT, M8X 12 PLATED		1			1			
54	1	714271-01560	BLOCK ASSY, CYLINDER		1						
55	1	714371-01560	BLOCK ASSY, CYLINDER					1			
57	2	114350-01700	COVER		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 ++
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Fig. 1 CYLINDER BLOCK



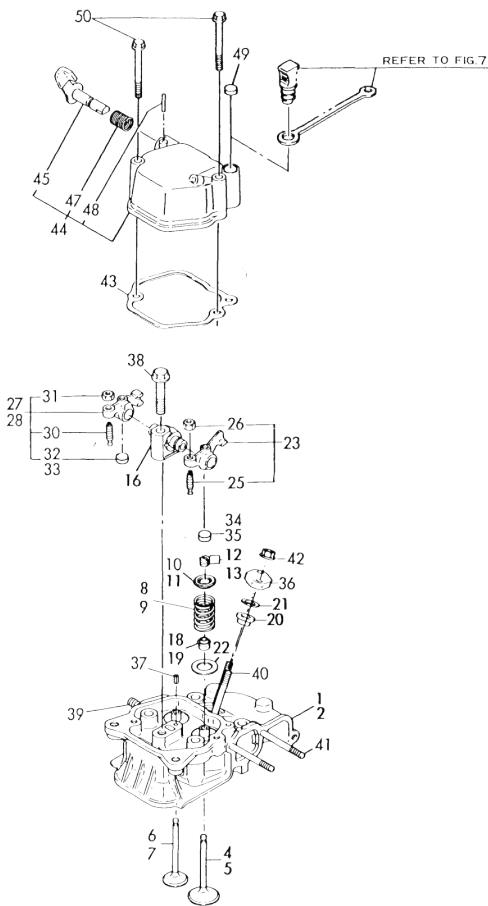
Remarks
(1) REPAIR PART.
(2) UNDER SIZED PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
58	2	26106-100122	BOLT, M10X 12 PLATED		2		2				
59	1	114250-02200	BEARING, 0.25 US		1						2
60	1	114350-02200	BEARING, 0.25 US					1			2
61	1	114250-02210	BEARING, 0.50 US		1						2
62	1	114350-02210	BEARING, 0.50 US					1			2

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:Qty Change

Fig.2. CYLINDER HEAD & BONNET

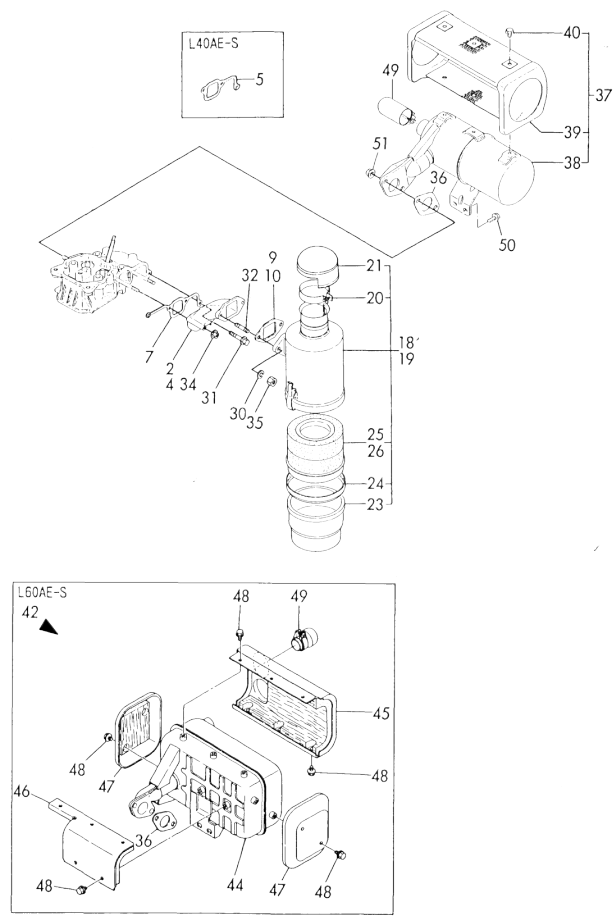
Fig.2 CYLINDER HEAD & BONNET



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114250-11020	HEAD ASSY, CYLINDER		1						
2	1	114350-11021	HEAD ASSY, CYLINDER					1			
2-1	1	114870-11020	HEAD ASSY, CYLINDER					1		N	
				(E=E06494)							
4	1	114250-11101	VALVE, INTAKE		1						
5	1	114350-11101	VALVE, INTAKE					1			
6	1	114250-11113	VALVE, EXHAUST		1						
7	1	114350-11113	VALVE, EXHAUST					1			
8	1	114250-11120	SPRING, VALVE		2						
9	1	114350-11120	SPRING, VALVE					2			
10	1	114250-11180	RETAINER, SPRING		2						
11	1	101158-11180	RETAINER, SPRING					2			
12	1	714250-11570	COTTER ASSY		2						
13	1	27310-060001	COTTER, 6					2			
16	1	114250-11290	SUPPORT, ROCKER ARM		1			1			
18	1	114250-11340	SEAL, VALVE STEM		2						
19	1	114350-11340	SEAL, VALVE STEM					2			
20	1	114250-11460	GASKET, NOZZLE		1			1			
21	1	114350-11470	SPACER, NOZZLE		1			1			
22	1	114250-11600	WASHER		2			2			
23	1	114250-11651	ARM, ROCKER		1			1			
25	2	114250-11240	SCREW, VALVE ADJUST		1			1			
26	2	26756-060002	NUT, LOCK M6		1			1			
27	1	714270-11660	ARM ASSY, ROCKER		1						
28	1	714370-11660	ARM ASSY, ROCKER					1			
30	3	114250-11240	SCREW, VALVE ADJUST		1			1			
31	3	26756-060002	NUT, LOCK M6		1			1			
32	2	119260-11370	CAP, VALVE		1						
33	2	105010-11490	CAP, VALVE					1			
34	1	119260-11370	CAP, VALVE		1						
35	1	105010-11490	CAP, VALVE					1			
36	1	114250-11900	RETAINER, NOZZLE		1			1			
37	1	22351-040008	PIN, SPRING 4.0X 8		1			1			
38	1	26106-080452	BOLT, M8X 45 PLATED		1			1			
39	1	26216-080182	STUD, M8X 18		2			2			
40	1	26226-060502	STUD, M6X 50		2			2			
41	1	26226-060552	STUD, M6X 55		2			2			
42	1	26366-060002	NUT, M6		2			2			
43	1	114250-11310	GASKET, BONNET		1			1			
44	1	114250-11951	BONNET ASSY, HEAD		1			1			
45	2	114250-03591	LEVER ASSY		1			1			
47	2	114250-03640	SPRING, DECOMPRESSION		1			1			
48	2	22312-030160	PIN, PARALLEL M3X16		1			1			
49	1	129100-61850	PLUG, 12		1			1		Z	
				(B=*)	(E=*)						
50	1	26106-060552	BOLT, M6X 55 PLATED		2			2			

Fig.3. AIR CLEANER & SILENCER

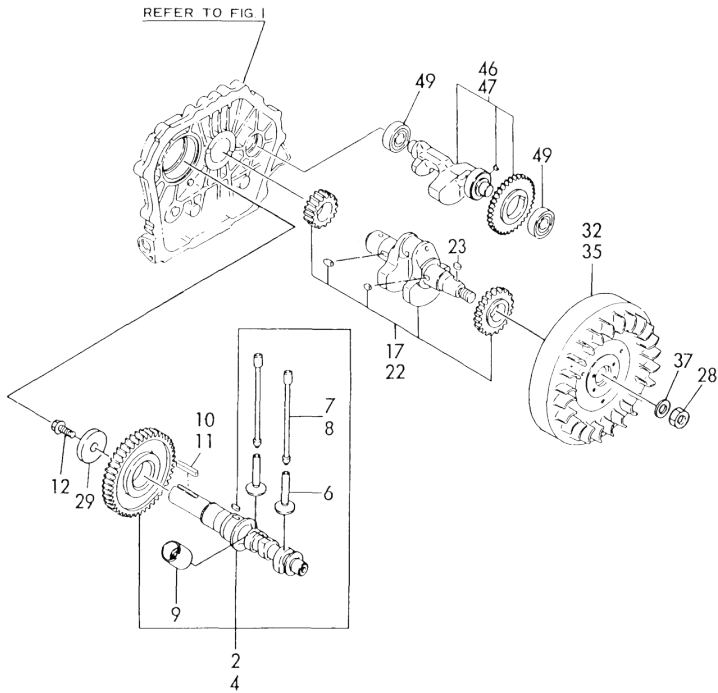
Fig.3 AIR CLEANER & MUFFLER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	114252-12010	PIPE, AIR INTAKE		1						
4	1	114352-12010	PIPE, AIR INTAKE					1			
5	1	114250-12200	GASKET		1						
7	1	114350-12200	GASKET					1			
9	1	114252-12210	GASKET, AIR CLEANER		1						
10	1	114352-12210	GASKET, AIR CLEANER					1			
18	1	114252-12700	CLEANER, AIR		1						
19	1	114352-12700	CLEANER, AIR					1			
20	2	160820-12300	BAND		1			1			
21	2	114252-12660	CAP		1			1			
23	2	160820-12770	SUMP, OIL		1			1			
24	2	160820-12780	RING		1			1			
25	2	114252-12860	ELEMENT		1						
26	2	114352-12720	ELEMENT ASSY					1			
30	1	22217-080000	WASHER, SPRING 8		2			2			
31	1	26106-060252	BOLT, M6X 25 PLATED		1			2			
32	1	26216-080182	STUD, M8X 18		2			2			
34	1	26366-060002	NUT, M6		2			2			
35	1	26716-080002	NUT, M8		2			2			
36	1	114250-13200	GASKET, MUFFLER		1			1			
37	1	114250-13521	MUFFLER ASSY		1						
38	2	114250-13531	MUFFLER ASSY		1						
39	2	114250-13701	COVER, SILENCER		1						
40	2	26106-060082	BOLT, M6X 8 PLATED		6						
42	1	114870-13550	MUFFLER ASSY					1			
44	2	114870-13560	SILENCER					1			
45	2	114870-13700	COVER					1			
46	2	114870-13710	COVER					1			
47	2	114870-13720	COVER					2			
48	2	26106-060082	BOLT, M6X 8 PLATED					12			
49	1	114268-13800	PIPE		1			1			
50	1	26106-060122	BOLT, M6X 12 PLATED		2			2			
51	1	26366-080002	NUT, M8		2			2			

Fig.4. CAM/CRANK/BALANCER SHAFT

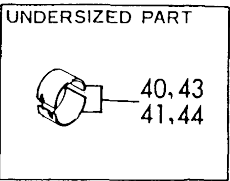
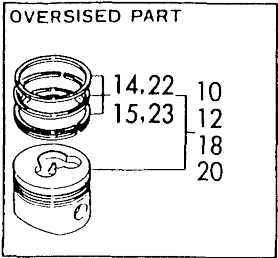
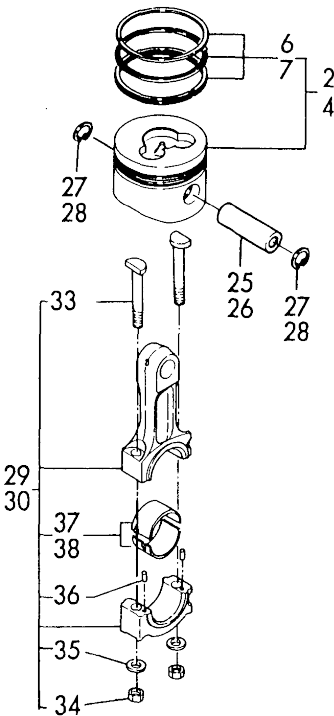
Fig.4 CRANKSHAFT & CAMSHAF



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	714770-14580	CAMSHAFT ASSY		1						
2-1	1	714770-14582 (B=EZZZZZ)	CAMSHAFT ASSY, S		1						R
4	1	714870-14580	CAMSHAFT ASSY						1		
6	1	114250-14200	TAPPET		2				2		
7	1	114250-14450	ROD ASSY, PUSH		2						
7-1	1	114250-14451 (B=EZZZZZ)	ROD ASSY, PUSH		2						R
8	1	114350-14450	ROD ASSY, PUSH						2		
9	1	114250-14260	TAPPET		1				1		
9-1	1	114771-14260 (B=EZZZZZ)	TAPPET		1						R
10	1	22512-050300	KEY, 5X 30		1						
11	1	22512-070360	KEY, 7X 36						1		
12	1	26106-080202	BOLT, M8X 20 PLATED		1				1		
17	1	714278-21710	CRANKSHAFT ASSY		1						
22	1	714378-21710	CRANKSHAFT ASSY						1		
23	1	22512-040120	KEY, 4X 12		1				1		
28	1	103854-01221	NUT, CYLINDER HEAD		1				1		
29	1	160310-14550	WASHER		1				1		
32	1	114770-21400	FLYWHEEL		1						
35	1	114870-21400	FLYWHEEL						1		
37	1	114250-21550	WASHER		1				1		
46	1	714770-28510	SHAFT ASSY, BALANCER		1						
46-1	1	714770-28512 (B=EZZZZZ)	SHAFT ASSY, BALANCER		1						R
47	1	714870-28510	SHAFT ASSY, BALANCER						1		
49	1	24101-062024	BEARING, BALL 6202		2				2		

Fig.5. PISTON & CONNECTING ROD

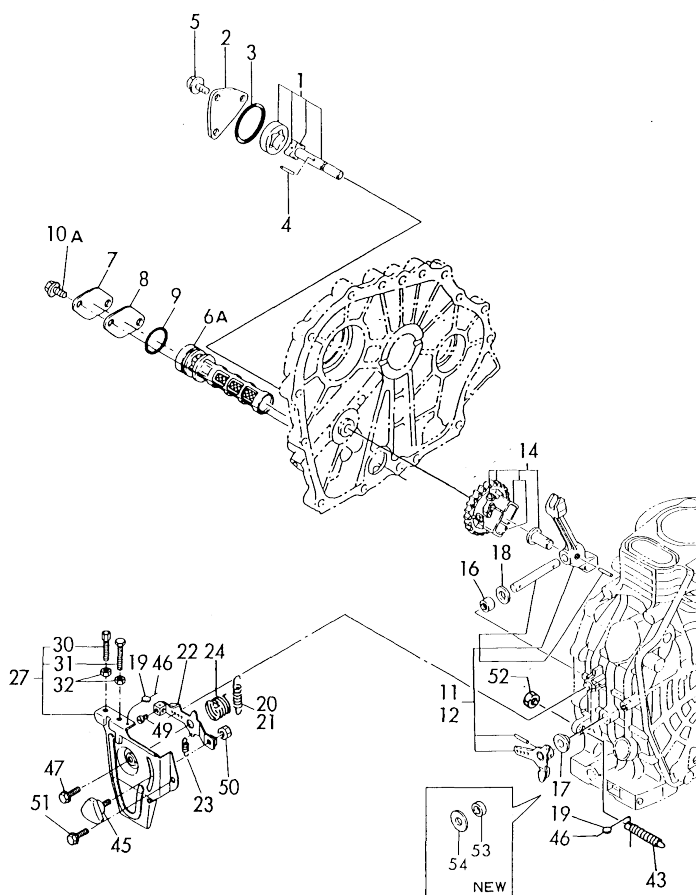
Fig.5 PISTON & CONNECTING ROD



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	714270-22720	PISTON ASSY, 19-63		1						
4	1	714370-22720	PISTON ASSY, S D75					1			
6	2	714250-22502	RING SET, PISTON		1						
7	2	714350-22502	RING SET, PISTON					1			
10	1	714270-22620	PISTON ASSY, 0.25 OS		1						1
12	1	714370-22620	PISTON ASSY, 0.25 OS					1			1
14	2	714250-22542	RING SET, 0.25 OS		1						1
15	2	714350-22542	RING SET, 0.25 OS					1			1
18	1	714270-22580	PISTON ASSY, 0.50 OS		1						1
20	1	714370-22580	PISTON ASSY, 0.50 OS					1			1
22	2	714250-22550	RING SET, 0.50 OS		1						1
23	2	714350-22550	RING SET, 0.50 OS					1			1
25	1	114250-22302	PIN, PISTON D=19		1						
26	1	114350-22301	PIN, PISTON D=21					1			
27	1	22252-000190	RING, 19		2						
28	1	22252-000210	RING, 21					2			
29	1	714250-23703	ROD ASSY, CONNECTING		1						
30	1	714350-23704	ROD ASSY, CONNECTING					1			
33	3	114250-23200	BOLT, CONNECTING ROD		2			2			
34	3	114250-23220	NUT		2			2			
35	3	114250-23250	WASHER		2			2			
36	3	22312-030080	PIN, PARALLEL M3X 8		2			2			
37	2	714250-23600	BEARING, CRANK PIN		1						
38	2	714350-23600	BEARING, CRANK PIN					1			
40	1	714250-23610	BEARING ASSY, 0.25		1						1
41	1	714350-23610	BEARING ASSY, 0.25					1			1
43	1	714250-23620	BEARING, 0.50 US		1						1
44	1	714350-23620	BEARING, 0.50 US					1			1

Remarks
(1) OVERSIZED & UNDERSIZED PART

Fig. 6 LUB. OIL PUMP & GOVERNOR

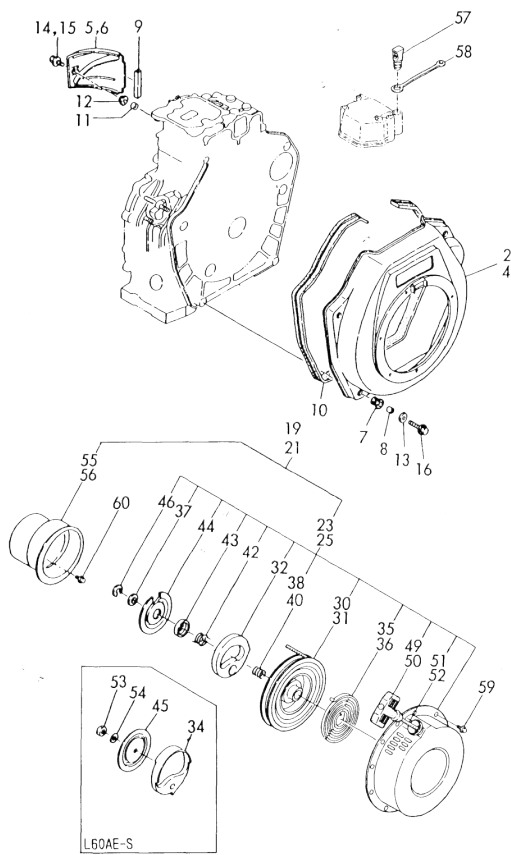


				(A)= (B)=L40AE-S (C)=	(D)= (E)=L60AE-S (F)=							
No.	Lev.	Parts No.	Description		(A)	(B)	Q'ty (C)	(D)	(E)	(F)		I R
1	1	114250-32010	PUMP ASSY, OIL			1			1			
2	1	114250-32070	COVER			1			1			
3	1	103338-32570	O-RING			1			1			
4	1	22312-030160	PIN, PARALLEL M3X16			1			1			
5	1	26476-060142	SCREW, TAPPING M6X14			3			3			
6A	1	114250-35060	FILTER, OIL			1			1			
7	1	114250-35250	COVER			1			1			
8	1	114250-35270	GASKET			1			1			
9	1	24341-000224	O-RING, 1AS22.4			1			1			
10A	1	26106-060122	BOLT, M6X 12 PLATED			2			2			
11	1	714250-61500	LEVER ASSY, GOVERNOR			1						
12	1	714350-61500	LEVER ASSY, GOVERNOR							1		
14	1	714770-61700	GOVERNOR ASSY			1			1			
16	1	121450-61520	BEARING, NEEDLE 8			2			2			
16-1	1	114270-61520	BEARING, NEEDLE 8			2			2			R
		(B=E# 24706)				(E=E# 23567)						
17	1	114250-61900	BUSH			1			1			Z
		(B=E# 13405)				(E=E# 16338)						
18	1	22137-080000	WASHER, 8			1			1			
19	1	135210-61090	LEAD			2			2			
20	1	114770-66010	SPRING, REGULATOR			1						
21	1	114870-66010	SPRING, REGULATOR							1		
22	1	114250-66050	HANDLE, REGULATOR			1			1			
23	1	114250-66200	SPRING, RETURN			1			1			
24	1	114252-66252	SPRING, RETURN			1			1			
27	1	714268-66500	BRACKET ASSY, HANDLE			1			1			
30	3	102100-67080	BOLT, ADJUSTING			1			1			
31	3	114250-66440	BOLT, ADJUSTING			1			1			
32	2	26756-060002	NUT, LOCK M6			2			2			
32-1	2	26757-060002	NUT, LOCK M6			2			2			R
		(B=*)				(E=*)						
43	1	114250-66550	LIMITER ASSY, FUEL						1			
45	1	160725-78350	KNOB			1			1			
46	1	22451-060000	WIRE, 0.6			2			2			
47	1	26106-060202	BOLT, M6X 20 PLATED			1			1			
49	1	26116-040088	BOLT, M4X 8 PLATED			1			1			
49-1	1	26117-040088	BOLT M 4X 8 PLATED			1			1			R
		(B=*)				(E=*)						
50	1	26346-060002	NUT, M6			1			1			
50-1	1	26347-060002	NUT, M6			1			1			R
		(B=*)				(E=*)						
51	1	26476-060142	SCREW, TAPPING M6X14			1			1			
52	1	26696-100002	NUT, LOCK M10			1			1			
53	1	114770-61600	SEAL, OIL			1			1			W
		(B=E# 13405)				(E=E# 16338)						
54	1	114770-61610	WASHER, THRUST			1			1			W
		(B=E# 13405)				(E=E# 16338)						

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

Fig.7. COOLING & RECOIL STARTER

Fig.7 COOLING & STARTING DEVICE

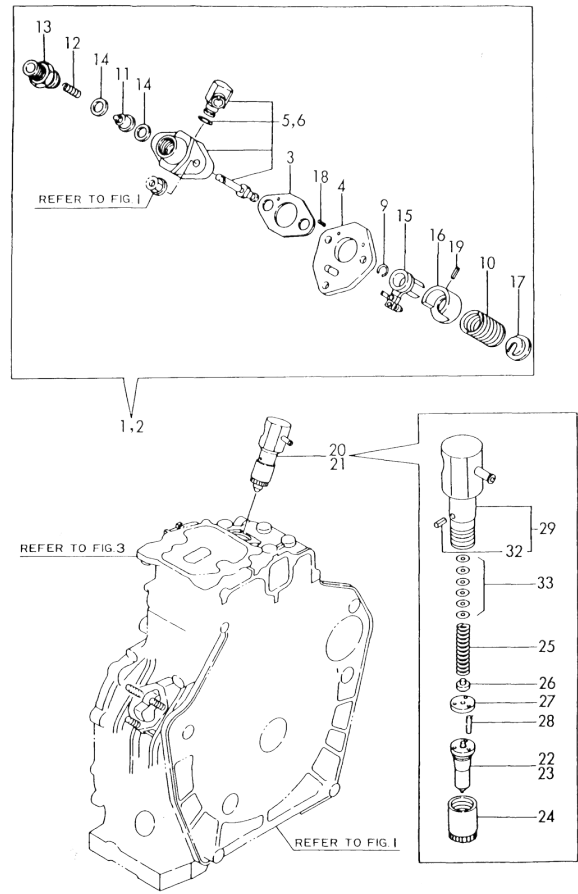


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	114770-45100	CASE, COOLING FAN		1						
4	1	114870-45100	CASE, COOLING FAN					1			
5	1	114250-45211	COVER		1						
6	1	114870-45200	COVER					1			
7	1	114250-45300	ABSORBER		4			5			
8	1	114250-45310	COLLAR		4			5			
9	1	114350-45320	RUBBER, SEAL					1			
10	1	114250-45330	SEAL, FAN CASE L=875		1			1			
11	1	114350-45340	COLLAR					1			
12	1	183720-55210	GROMMET					1			
13	1	160120-76940	WASHER		4			5			
14	1	26476-060142	SCREW, TAPPING M6X14		1						
15	1	26476-060202	SCREW, TAPPING M6X20					1			
16	1	26476-060252	SCREW, TAPPING M6X25		4			5			
19	1	714250-76820	STARTER ASSY, RECOIL		1						M
19-1	1	714250-76810	STARTER ASSY, RECOIL		1						
21	1	714870-76820	STARTER ASSY, RECOIL					1			
23	2	714250-76830	CASE ASSY, STARTER		1						M
23-1	2	714250-76821	STARTER ASSY, RECOIL		1						
25	2	714870-76830	CASE ASSY, STARTER					1			
26	3	714250-76831	CASE ASSY, STARTER		1						W
(B=FROM 1ST)											
27	3	714870-76831	CASE, STARTER					1			W
(E=FROM 1ST)											
30	3	160260-76520	REEL		1						
31	3	160810-76520	REEL					1			
32	3	160260-76530	RATCHET		1						
34	3	160810-76530	RATCHET					1			
35	3	160260-76540	SPRING, SPIRAL		1						
36	3	160810-76540	SPRING, SPIRAL					1			
37	3	160260-76550	WASHER, THRUST		1						
38	3	160260-76560	SPRING, FRICTION		1						
40	3	160810-76560	SPRING, FRICTION					1			
42	3	160260-76570	SPRING, RETURN		1						
43	3	160260-76580	COVER		1						
44	3	160260-76590	PLATE, FRICTION		1						
45	3	160810-76580	PLATE, FRICTION					1			
46	3	160260-76600	CIRCLIP		1						
49	3	160260-76620	KNOB, STARTER		1						
50	3	160810-76620	KNOB, STARTER					1			
51	3	160260-76630	ROPE, STARTER		1						
52	3	160810-76630	ROPE, STARTER					1			
53	3	181130-76680	NUT					1			
54	3	181130-76700	WASHER					1			
55	2	114250-76590	PULLEY, STARTER		1						
56	2	114350-76590	PULLEY, STARTER					1			
57	1	114250-76600	PLUNGER		1			1			
58	1	114250-76610	HOLDER, PLUNGER		1			1			
59	1	26106-060082	BOLT, M6X 8 PLATED		4			4			
60	1	26106-060122	BOLT, M6X 12 PLATED		3			3			

Remarks
(M) MISPRINT.

Fig.8. FUEL INJECTION PUMP & VALVE

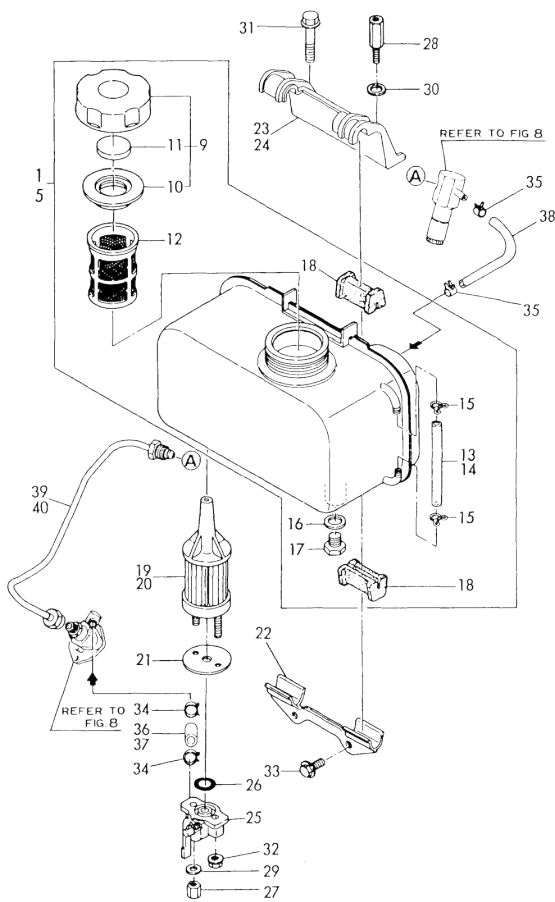
Fig.8 FUEL INJECTION PUMP & VALVE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	714250-51710	PUMP ASSY, INJECTION		1						
2	1	714350-51710	PUMP ASSY, INJECTION					1			
3	2	105546-51020	GASKET		1			1			
4	2	114250-51080	PLATE		1			1			
5	2	114250-51200	BODY ASSY, PUMP		1						
6	2	114350-51200	BODY ASSY, PUMP					1			
9	2	114250-51150	RING, SNAP		1			1			
10	2	114250-51160	SPRING, PLUNGER		1			1			
11	2	114250-51300	VALVE ASSY, DELIVERY		1			1			
12	2	105546-51330	SPRING, DELIVERY		1			1			
13	2	114250-51340	HOLDER, DELIVERY		1			1			
14	2	124550-51350	GASKET, DELIVERY		2			2			
15	2	114250-51600	LEVER ASSY, CONTROL		1			1			
16	2	114250-51640	SEAT, SPRING A		1			1			
17	2	114250-51650	SEAT, SPRING B		1			1			
18	2	22351-020006	PIN, SPRING 2.0X 6		2			2			
19	2	22351-030008	PIN, SPRING 3.0X 8		1			1			
20	1	714250-53101	VALVE ASSY, INJECTION		1						
21	1	714350-53100	VALVE ASSY, INJECTION					1			
22	2	114250-53001	VALVE ASSY, INJECTION		1						
23	2	114350-53000	VALVE ASSY, INJECTION						1		
23-1	2	114870-53000	VALVE ASSY, INJECTION					1		N	
				(E=FROM 1ST)							
24	2	114250-53080	NUT, NOZZLE D16.95		1			1			
25	2	114250-53120	SPRING, NOZZLE		1			1			
26	2	114250-53130	SEAT, SPRING		1			1			
27	2	114250-53140	PLATE		1			1			
28	2	114250-53210	PIN		2			2			
29	2	114250-53300	HOLDER ASSY, NOZZLE		1			1			
32	3	114250-53331	PIN		1			1			
33	2	114250-53400	SHIM SET		1			1			

Fig.9. FUEL TANK & FUEL PIPE

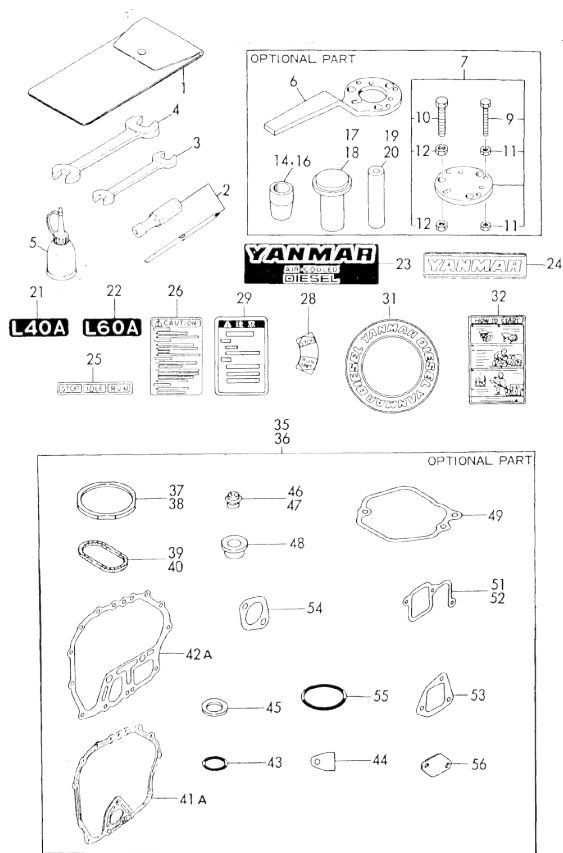
Fig.9 FUEL TANK & FUEL LINE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	714250-55711	TANK ASSY, FUEL		1						
5	1	714350-55711	TANK ASSY, FUEL					1			
9	2	114250-55041	CAP ASSY		1			1			
10	3	114250-55050	GASKET		1			1			
11	3	114250-55060	SEAL		1			1			
12	2	114250-55100	FILTER, FUEL		1			1			
13	2	114250-55150	GAUGE, LEVEL		1						
14	2	114350-55150	GAUGE, LEVEL						1		
15	2	124722-59050	CLIP, HOSE 9		2			2			
16	2	23414-120000	GASKET, 12X1.0		1			1			
17	2	23887-120002	PLUG, 12		1			1			
18	2	114250-55201	DAMPER, FUEL TANK		4			4			
19	1	114250-55120	FILTER ASSY, FUEL		1						
20	1	114350-55120	FILTER ASSY, FUEL						1		
21	1	114250-55130	GASKET		1			1			
22	1	114250-55211	STAY, FUEL TANK		1			1			
23	1	114250-55231	STAY, FUEL TANK		1						
24	1	114350-55231	STAY, FUEL TANK					1			
25	1	114250-55300	COCK ASSY, FUEL		1			1			
26	1	24341-000150	O-RING, 1AS15.0		1			1			
27	1	114252-55800	NUT		1			1			
28	1	114650-55810	BOLT		1			1			
29	1	22117-060000	WASHER, 6		1			1			
30	1	22117-080000	WASHER, 8		1			1			
31	1	26106-080452	BOLT, M8X 45 PLATED		1			1			
32	1	26366-060002	NUT, M6		1			1			
33	1	26476-060142	SCREW, TAPPING M6X14		2			2			
34	1	106990-44660	CLIP, HOSE 12.5		2			2			
35	1	124722-59050	CLIP, HOSE 9		2			2			
36	1	114250-59050	PIPE, FUEL L=46		1						
37	1	114360-59060	PIPE, FUEL L=55						1		
38	1	114250-59060	PIPE, FUEL RETURN		1			1			
39	1	114250-59800	PIPE ASSY, INJECTION		1						
40	1	114350-59800	PIPE ASSY, INJECTION						1		

Fig.10. TOOLS / LABELS & GASKET SET

Fig.10 TOOL, LABEL & GASKET SET



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114250-92600	BAG, TOOL		1						
2	1	160330-92730	DRIVE, SCREW		1						
3	1	28110-100120	SPANNER, 10X12		1						
4	1	28110-140170	SPANNER, 14X17		1						
5	1	28210-000150	OILER		1						
6	1	114250-92101	F.W. LOCKING HANDLE		1						1
7	1	114250-92130	REMOVER, FLYWHEEL		1						1
9	2	26116-060454	BOLT M 6X 45 PLATED		4						1
10	2	26116-080454	BOLT, M8X 45 PLATED		3						1
11	2	26716-060002	NUT, M6		8						1
12	2	26716-080002	NUT, M8		6						1
14	1	114250-92301	GUIDE		1						1
16	1	114350-92301	GUIDE, OIL SEAL								1
17	1	114250-92311	INSTALLING TOOL		1						1
18	1	114350-92311	INSTALLING TOOL								1
19	1	114250-92350	INSTALLING TOOL		1						1
20	1	114350-92350	INSTALLING TOOL								1
21	1	114270-07050	LABEL, (L40A)		1						
22	1	114370-07050	LABEL, (L60A)								
23	1	114250-07090	LABEL, AIR COOLED		1						
24	1	114250-07110	LABEL, YANMAR		1						
25	1	183250-07230	LABEL, OPERATION		1						Z
26	1	114268-07240	LABEL, CAUTION								
28	1	114250-07260	LABEL, OPERATION		1						
29	1	114268-07260	LABEL, CAUTION		1						Z
31	1	114250-07350	LABEL, YANMAR DIESEL		1						
32	1	114268-07350	LABEL, HOW TO START		1						
35	1	714270-92600	GASKET SET		1						1
35-1	1	714270-92601	GASKET SET		1						N 1
36	1	714370-92600	GASKET SET								1
36-1	1	714370-92601	GASKET SET								N 1
37	2	114250-01340	GASKET, HEAD		1						
38	2	114350-01340	GASKET, HEAD								1
39	2	114250-01380	O-RING		1						
40	2	114350-01380	O-RING								1
41A	2	114250-01411	GASKET, CRANK CASE		1						
41A-1	2	114250-01412	GASKET, CRANK CASE		1						N
42A	2	114350-01411	GASKET, CRANK CASE								1
42A-1	2	114350-01412	GASKET, CRANK CASE								N
43	2	24311-000180	O-RING, 1AP18.0		2						2
44	2	114250-01840	GASKET		1						1
45	2	43400-500490	SEAL WASHER 16		3						3
46	2	114250-11340	SEAL, VALVE STEM		2						
47	2	114350-11340	SEAL, VALVE STEM								2
48	2	114250-11460	GASKET, NOZZLE		1						1

Remarks
(1) OPTIONAL PARTS

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 ++
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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

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Parts No.	Fig. No.	Ref. No.	Parts No.	Fig. No.	Ref. No.	Parts No.	Fig. No.	Ref. No.	Parts No.	Fig. No.	Ref. No.
101158-11180	2	11	114250-11340	2	18	114250-53300	8	29	114350-01340	10	38
102100-67080	6	30		10	46	114250-53331	8	32	114350-01380	1	14
103338-32570	6	3	114250-11460	2	20	114250-53400	8	33		10	40
	10	55		10	48	114250-55041	9	9	114350-01411	1	16 A
103854-01221	4	28	114250-11600	2	22	114250-55050	9	10		10	42 A
105010-11490	2	33	114250-11651	2	23	114250-55060	9	11	114350-01412	1	16 A-1
		35	114250-11900	2	36	114250-55100	9	12		10	42 A-1
105225-01240	1	10	114250-11951	2	44	114250-55120	9	19	114350-01452	1	21
105425-01690	1	25	114250-12200	3	5	114250-55130	9	21	114350-01700	1	57
105546-51020	8	3		10	51	114250-55150	9	13	114350-02100	1	24
105546-51330	8	12	114250-12210	10	53 A	114250-55201	9	18	114350-02113	1	46
106990-44660	9	34	114250-13200	3	36	114250-55211	9	22	114350-02200	1	60
114250-01200	1	1		10	54	114250-55231	9	23	114350-02210	1	62
114250-01210	1	3	114250-13521	3	37	114250-55300	9	25	114350-11021	2	2
114250-01220	1	5	114250-13531	3	38	114250-59050	9	36	114350-11101	2	5
114250-01250	1	7	114250-13701	3	39	114250-59060	9	38	114350-11113	2	7
114250-01340	1	11	114250-14200	4	6	114250-59800	9	39	114350-11120	2	9
	10	37	114250-14260	4	9	114250-61900	6	17	114350-11340	2	19
114250-01380	1	13	114250-14450	4	7	114250-66050	6	22		10	47
	10	39	114250-14451	4	7 -1	114250-66200	6	23	114350-11470	2	21
114250-01411	1	15 A	114250-21550	4	37	114250-66440	6	31	114350-12200	3	7
	10	41 A	114250-22302	5	25	114250-66550	6	43		10	52
114250-01412	1	15 A-1	114250-23200	5	33	114250-76590	7	55	114350-14450	4	8
	10	41 A-1	114250-23220	5	34	114250-76600	7	57	114350-22301	5	26
114250-01452	1	18	114250-23250	5	35	114250-76610	7	58	114350-45320	7	9
114250-01800	1	29	114250-32010	6	1	114250-92101	10	6	114350-45340	7	11
114250-01830	1	31	114250-32070	6	2	114250-92130	10	7	114350-51200	8	6
114250-01840	1	32	114250-35060	6	6 A	114250-92301	10	14	114350-53000	8	23
	10	44	114250-35250	6	7	114250-92311	10	17	114350-55120	9	20
114250-02030	1	44	114250-35270	6	8	114250-92350	10	19	114350-55150	9	14
114250-02100	1	23		10	56	114250-92600	10	1	114350-55231	9	24
114250-02113	1	45	114250-45211	7	5	114252-12010	3	2	114350-59800	9	40
114250-02200	1	59	114250-45300	7	7	114252-12210	3	9	114350-76590	7	56
114250-02210	1	61	114250-45310	7	8		10	53 B	114350-92301	10	16
114250-03591	2	45	114250-45330	7	10	114252-12660	3	21	114350-92311	10	18
114250-03640	2	47	114250-51080	8	4	114252-12700	3	18	114350-92350	10	20
114250-07090	10	23	114250-51150	8	9	114252-12860	3	25	114352-12010	3	4
114250-07110	10	24	114250-51160	8	10	114252-55800	9	27	114352-12210	3	10
114250-07260	10	28	114250-51200	8	5	114252-66252	6	24		10	53 C
114250-07350	10	31	114250-51300	8	11	114268-07240	10	26	114352-12700	3	19
114250-11020	2	1	114250-51340	8	13	114268-07260	10	29	114352-12720	3	26
114250-11101	2	4	114250-51600	8	15	114268-07350	10	32	114360-59060	9	37
114250-11113	2	6	114250-51640	8	16	114268-13800	3	49	114370-07050	10	22
114250-11120	2	8	114250-51650	8	17	114270-07050	10	21	114650-55810	9	28
114250-11180	2	10	114250-53001	8	22	114270-61520	6	16 -1	114770-21400	4	32
114250-11240	2	25	114250-53080	8	24	114350-01200	1	2	114770-45100	7	2
		30	114250-53120	8	25	114350-01210	1	4	114770-61600	6	53
114250-11290	2	16	114250-53130	8	26	114350-01220	1	6	114770-61610	6	54
114250-11310	2	43	114250-53140	8	27	114350-01250	1	8	114770-66010	6	20
	10	49	114250-53210	8	28	114350-01340	1	12	114771-14260	4	9 -1

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114870-13700	3	45
114870-13710	3	46
114870-13720	3	47
114870-21400	4	35
114870-45100	7	4
114870-45200	7	6
114870-53000	8	23 -1
114870-66010	6	21
119260-11370	2	32
		34
121450-61520	6	16
124550-51350	8	14
124722-59050	9	15
		35
124950-01250	1	9
129100-61850	2	49
135210-61090	6	19
160110-02220	1	47
		49
160120-76940	7	13
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160260-76630	7	51
160310-14550	4	29
160330-92730	10	2
160710-01760	1	26
160725-78350	6	45
160810-76520	7	31
160810-76530	7	34
160810-76540	7	36
160810-76560	7	40
160810-76580	7	45
160810-76620	7	50
160810-76630	7	52
160820-12300	3	20
160820-12770	3	23
160820-12780	3	24
160910-01740	1	27

Parts No.	Fig. No.	Ref. No.
181130-76680	7	53
181130-76700	7	54
183250-07230	10	25
183720-55210	7	12
22117-060000	9	29
22117-080000	9	30
22137-080000	6	18
22217-080000	3	30
22252-000190	5	27
22252-000210	5	28
22312-030080	5	36
22312-030160	2	48
	6	4
22312-080120	1	37
22351-020006	8	18
22351-030008	8	19
22351-040008	2	37
22451-060000	6	46
22512-040120	4	23
22512-050300	4	10
22512-070360	4	11
23414-120000	9	16
23887-120002	9	17
24101-062024	4	49
24101-062050	1	50
24101-062060	1	51
24162-152112	1	52
24311-000180	1	28
	10	43
24341-000150	9	26
24341-000224	6	9
26106-060082	3	40
		48
	7	59
26106-060122	3	50
	6	10 A
	7	60
26106-060202	6	47
26106-060252	1	38
	3	31
26106-060552	2	50
26106-080122	1	53
26106-080202	4	12
26106-080352	1	39
26106-080452	2	38
	9	31
26106-100122	1	58
26116-040088	6	49
26116-060454	10	9
26116-080454	10	10

Parts No.	Fig. No.	Ref. No.
26117-040088	6	49 -1
26216-080182	2	39
	3	32
26226-060182	1	40
26226-060222	1	41
26226-060502	2	40
26226-060552	2	41
26346-060002	6	50
26347-060002	6	50 -1
26366-060002	1	42
	2	42
	3	34
	9	32
26366-080002	3	51
26476-060142	6	5
		51
	7	14
	9	33
26476-060202	7	15
26476-060252	7	16
26696-100002	6	52
26716-060002	10	11
26716-080002	3	35
	10	12
26756-060002	2	26
		31
	6	32
26757-060002	6	32 -1
27310-060001	2	13
28110-100120	10	3
28110-140170	10	4
28210-000150	10	5
43400-500490	1	43
	10	45
714250-11570	2	12
714250-22502	5	6
714250-22542	5	14
714250-22550	5	22
714250-23600	5	37
714250-23610	5	40
714250-23620	5	43
714250-23703	5	29
714250-51710	8	1
714250-53101	8	20
714250-55711	9	1
714250-61500	6	11
714250-76810	7	19 -1
714250-76820	7	19
714250-76821	7	23 -1
714250-76830	7	23

Parts No.	Fig. No.	Ref. No.
714250-76831	7	26
714268-66500	6	27
714270-11660	2	27
714270-22580	5	18
714270-22620	5	10
714270-22720	5	2
714270-92600	10	35
714270-92601	10	35 -1
714271-01560	1	54
714278-21710	4	17
714350-22502	5	7
714350-22542	5	15
714350-22550	5	23
714350-23600	5	38
714350-23610	5	41
714350-23620	5	44
714350-23704	5	30
714350-51710	8	2
714350-53100	8	21
714350-55711	9	5
714350-61500	6	12
714370-11660	2	28
714370-22580	5	20
714370-22620	5	12
714370-22720	5	4
714370-92600	10	36
714370-92601	10	36 -1
714371-01560	1	55
714378-21710	4	22
714770-14580	4	2
714770-14582	4	2 -1
714770-28510	4	46
714770-28512	4	46 -1
714770-61700	6	14
714870-14580	4	4
714870-28510	4	47
714870-76820	7	21
714870-76830	7	25
714870-76831	7	27