YANMAR DIESEL ENGINE

PARTS CATALOG

Pub. No. 000Y00R3981

L 40 AEISE => Index - Type 3b
75C

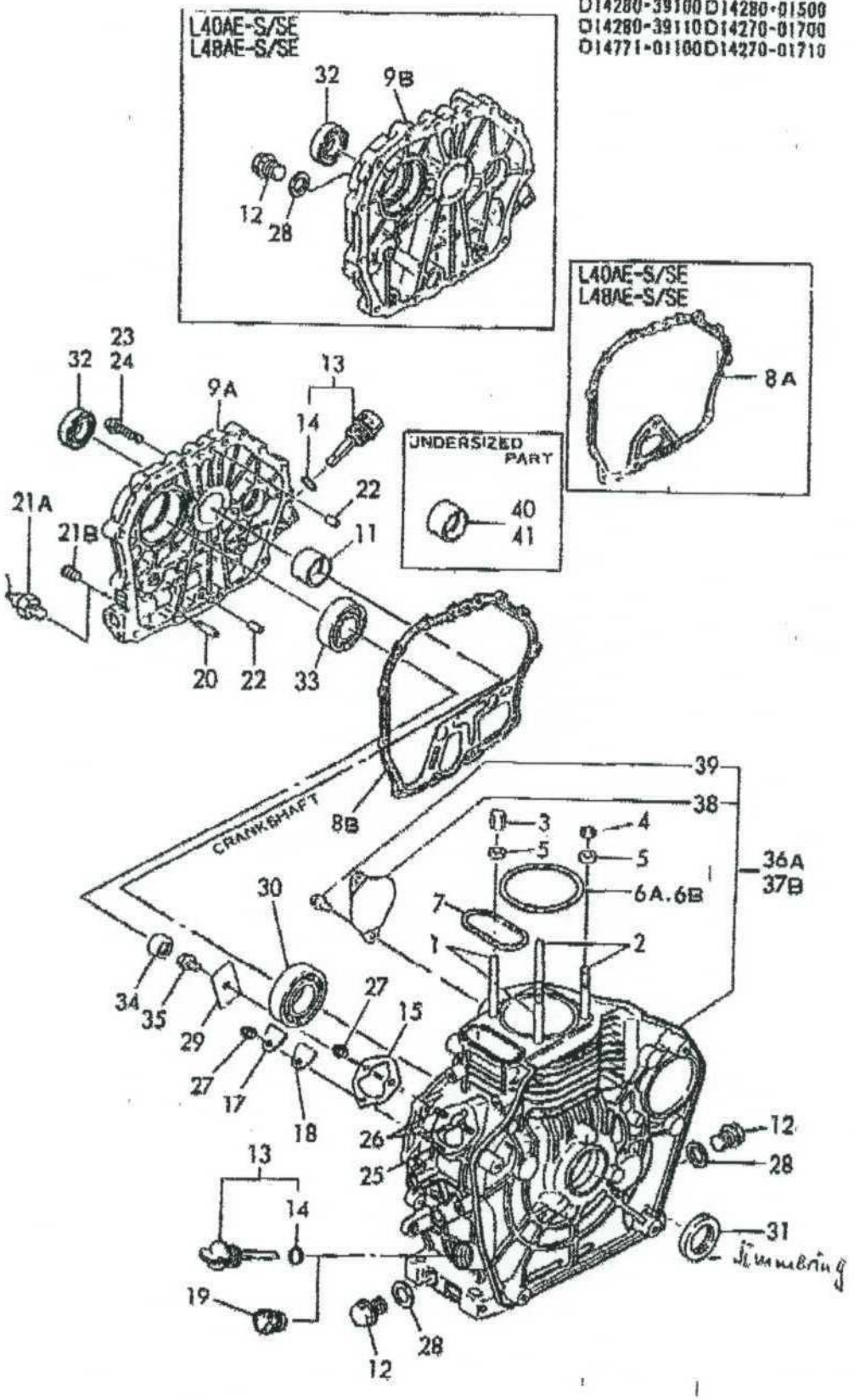
MODEL

L70AE
L75AE
L90AE
L100AE

L40AE
L48AE
L60AE

FIG 1 CYLINDER BLOCK

SPEC CODE
D14278-01700 D14270-01100
D14278-01710 D14271-01100
D14250-02100 D14270-01500
D14280-39100 D14280-01500
D14280-39110 D14270-01700
D14771-01100 D14270-01710



1B03
(1B02)

(1) CYLINDER BLOCK

(A)=
(B)=L40AE-D/DE
(C)=L48AE-D/DE
(D)=
(E)=L40AE-S/SE
(F)=L48AE-S/SE

YDOR3981

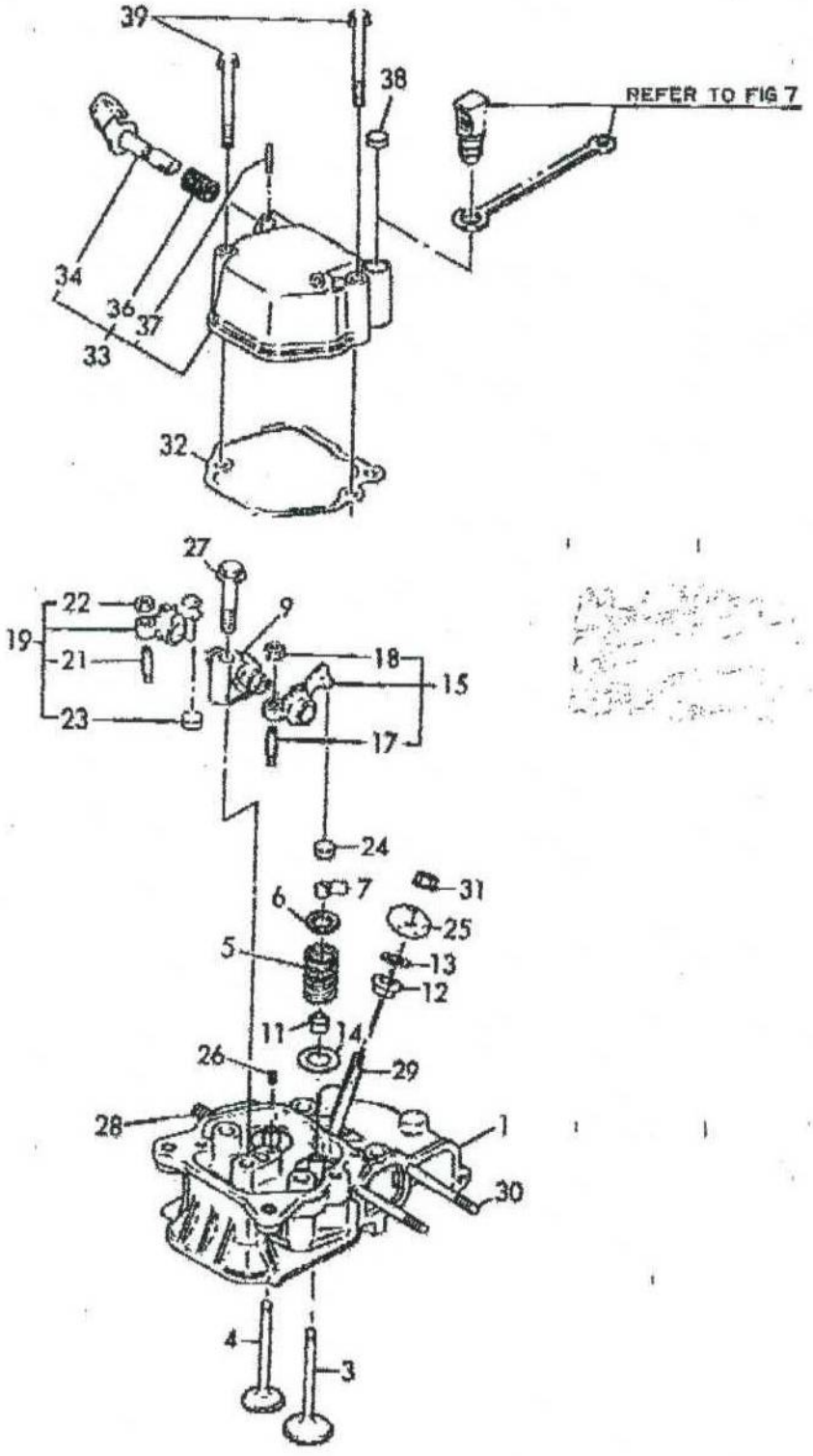
REF. NO.	LEV.	PART NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	P/U	A	R
1	.	114250-01200	STUD, CYL. HEAD	2	2			2	2				
2	.	114250-01210	STUD, CYL. HEAD	2	2			2	2				
3	.	114250-01220	NUT 8	2	2			2	2				
4	.	114250-01250	NUT 8	2	2			2	2				
5	.	124950-01250	WASHER	4	4			4	4				
6A	.	114250-01340	GASKET, CYL. HEAD	1				1					
6B	.	114770-01340	GASKET, CYL. HEAD		1				1				
7	.	114250-01360	O-RING	1	1			1	1				
8A	.	114250-01411	GASKET, CRANK CASE					1	1				
8B	.	114250-01412	GASKET, CRANK CASE	1	1								
9A	.	114260-01453	COVER (D),CRANK CASE	1	1								
9B	.	114250-01452	COVER (S),CRANK CASE					1	1				
11	.	114250-02100	BEARING, MAIN	1	1			1	1				
12	.	105425-01690	PLUG M16	2	2			3	3				
13	.	160710-01760	CAP, W/LUB.OIL GAUGE	2	2			2	2				
14	..	24311-000180	O-RING 1A P-18.0	2	2			2	2				
15	.	114250-01800	SHIM SET	1	1			1	1				
17	.	114250-01830	COVER, INSPEC.WINDOW	1	1			1	1				
18	.	114250-01840	GASKET	1	1			1	1				
19	.	160110-01870	PLUG, RUBBER W/SCREW	1	1			1	1				
20	.	114250-35150	PIPE, L.O. INLET	1	1								
21A	.	183250-39450	SWITCH, OIL PRESSURE	1									(Y)
21B	.	23871-010000	PLUG PT1/8,SCREW	1	1			1	1				
22	.	22312-080120	PARALLEL PIN 8X12	2	2			2	2				
23	.	26106-060252	BOLT M 6X 25 PLATED	14	14			14	14				
24	.	26106-080352	BOLT M 8X 35 PLATED	1	1			1	1				
25	.	26226-060182	STUD M 6X 18 PLATED	1	1			1	1				
26	.	26226-060222	STUD M 6X 22 PLATED	2	2			2	2				
27	.	26366-060002	NUT M 6	3	3			3	3				
28	.	43400-500490	SEAL WASHER 16	4	4			3	3				
29	.	114250-02030	RETAINER, BEARING	1	1			1	1				
30	.	114250-02113	BALL BEARING	1	1			1	1				
31	.	~~160110-02220~~	SEAL, OIL 24128-06002	1	1			1	1				
32	.	160210-02220	SEAL, OIL	1	1			1	1				
33	.	24101-062050	BALL BEARING	1	1			1	1				
34	.	24162-152112	NEEDLE BEARING	1	1			1	1				
35	.	26106-080122	BOLT M 8X 12 PLATED	1	1			1	1				
36A	.	714271-01560	BLOCK ASSY, CYLINDER	1				1					
36B	.	714771-01560	BLOCK ASSY, CYLINDER			1			1				
38	..	114350-01700	COVER, STARTER	1	1			1	1				
39	..	26106-100122	BOLT M10X 12 PLATED	2	2			2	2				
40	.	114250-02200	MAIN BEARING US=0.25	1	1			1	1				(H)
41	.	114250-02210	MAIN BEARING US=0.50	1	1			1	1				(H)

REMARKS

(Y) FOR L40AE-D8MO/DEGMO
(H) UNDER SIZED PARTS

Fig. 2 CYLINDER HEAD & BONNET

D14250-11100
D14250-11200



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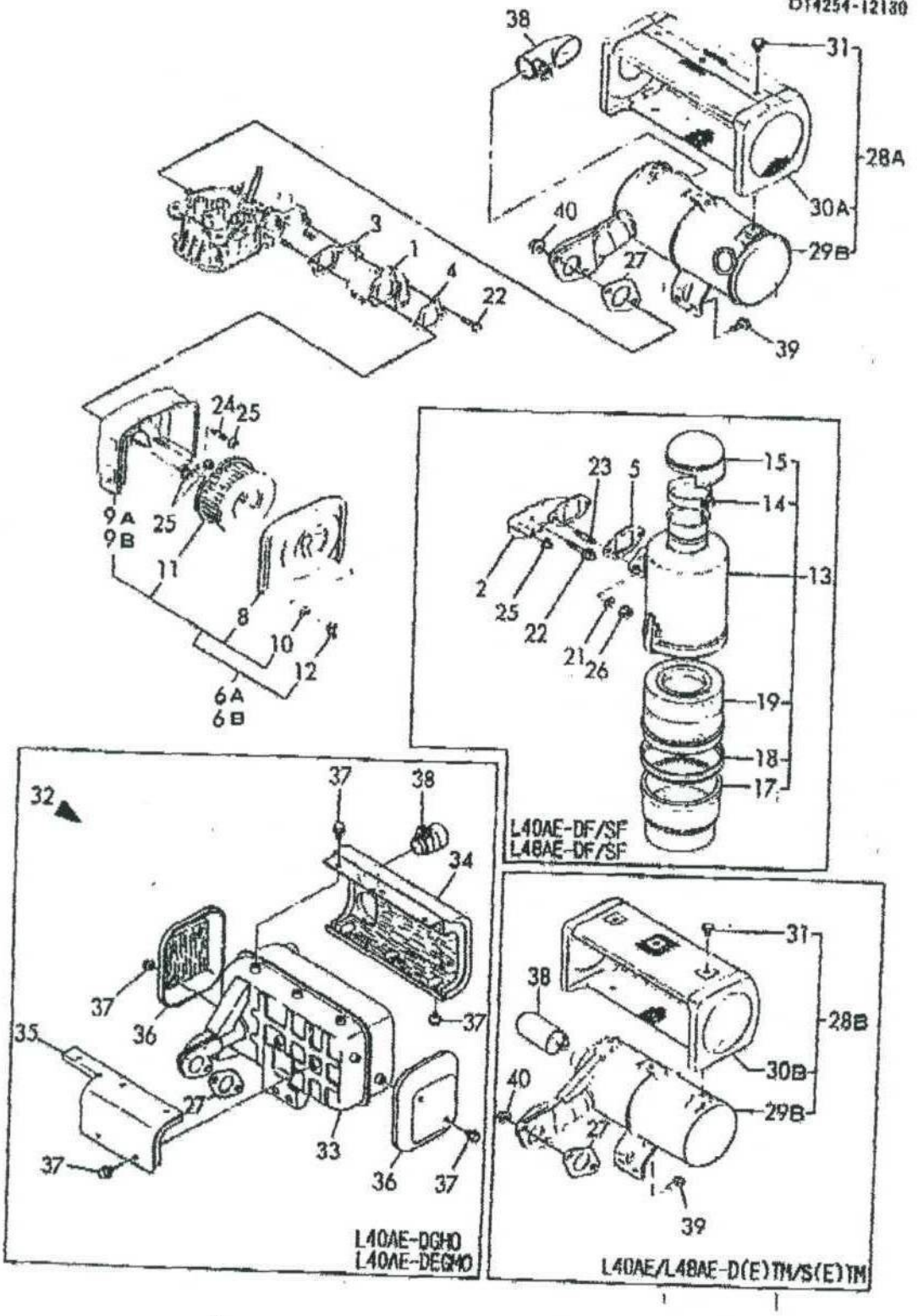
1804	(2) CYLINDER HEAD & BONNET	(A)=	(D)=
(1802)		(B)=L40AE-D/DE	(E)=L40AE-S/SE
Y00R3981		(C)=L48AE-D/DE	(F)=L48AE-S/SE

REF. NO.	LEV.	Q	PART NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	P/U	A	R
1	.		114250-11020	HEAD ASSY, CYLINDER	1	1			1	1				
3	.		114250-11101	VALVE, SUCTION	1	1			1	1				
4	.		114250-11113	VALVE, EXHAUST	1	1			1	1				
5	.		114250-11120	SPRING, VALVE	2	2			2	2				
6	.		114250-11180	RETAINER, SPRING	2	2			2	2				
7	.		714250-11570	COTTER	2	2			2	2				
9	.		114250-11290	SUPPORT, ROCKER ARM	1	1			1	1				
11	.		114250-11340	SEAL, VALVE STEM	2	2			2	2				
12	.		114250-11460	GASKET, NOZZLE	1	1			1	1				
13	.		114350-11470	SPACER, NOZZLE	1	1			1	1				
14	.		114250-11600	WASHER	2	2			2	2				
15	.		114250-11651	ARM ASSY, INTAKE	1	1			1	1				
17	..		114250-11240	SCREW, VALVE ADJUST.	1	1			1	1				
18	..		26756-060002	LOCK NUT M 6 PLATED	1	1			1	1				
19	.		714270-11660	ARM ASSY, EXHAUST	1	1			1	1				
21	...		114250-11240	SCREW, VALVE ADJUST.	1	1			1	1				
22	...		26756-060002	LOCK NUT M 6 PLATED	1	1			1	1				
23	..		119260-11370	CAP, VALVE	1	1			1	1				
24	.		119260-11370	CAP, VALVE	1	1			1	1				
25	.		114250-11900	RETAINER, NOZZLE	1	1			1	1				
26	.		22351-040008	SPRING PIN 4X 8	1	1			1	1				
27	.		26106-080452	BOLT M 8X 45 PLATED	1	1			1	1				
28	.		26216-080182	STUD M 8X 18 PLATED	2	2			2	2				
29	.		26226-060502	STUD M 6X 50	2	2			2	2				
30	.		26226-060552	STUD M 6X 55	2	2			2	2				
31	.		26366-060002	NUT M 6	2	2			2	2				
32	.		114250-11310	GASKET, BONNET	1	1			1	1				
33	.		114250-11951	BONNET ASSY, HEAD	1	1			1	1				
34	..		114250-03591	SHAFT ASSY, DECOMP.	1	1			1	1				
36	..		114250-03640	SPRING	1	1			1	1				
37	..		22312-030160	PARALLEL PIN 3X16	1	1			1	1				
38	.		129100-61850	PLUG (12)	1	1			1	1				
39	.		26106-060552	BOLT M 6X 55 PLATED	2	2			2	2				

REMARKS

Fig. 3 AIR CLEANER & MUFFLER

SPEC CODE
D14250-13100
D14272-13150
D14250-12110
D14252-12130
D14254-12130



1805	11802	Y00R3981

(3) AIR CLEANER & MUFFLER

(A)=
(B)=L40AE-D/DE
(C)=L48AE-D/DE
(D)=
(E)=L40AE-S/SE
(F)=L48AE-S/SE

REF. NO.	LEV.	PART NO.	DESCRIPTION	QTY (A)	(B)	(C)	(D)	(E)	(F)	I P/U A R
1	.	114250-12010	PIPE, AIR INTAKE	1	1			1	1	
2	.	114252-12010	PIPE, AIR INTAKE	1	1			1	1	(#)
3	.	114250-12200	GASKET, AIR INTAKE	1	1			1	1	
4	.	114250-12210	GASKET, AIR CLEANER	1	1			1	1	
5	.	114252-12210	GASKET, AIR CLEANER	1	1			1	1	(#)
6A	.	714250-12560	CLEANER ASSY, AIR	1	1					
6B	.	714268-12581	CLEANER ASSY, AIR - SV	1	1					(H)
8	...	114250-12520	COVER, AIR CLEANER	1	1			1	1	
9A	...	114250-12530	CASE, AIR CLEANER	1	1			1	1	
9B	...	114250-12980	CASE, AIR CLEANER	1	1					(H)
10	...	114250-12560	WASHER, SEAL	1	1			1	1	
11	...	114250-12580	ELEMENT, WET AIR	1	1			1	1	
12	..	114250-12550	WING NUT M6	1	1			1	1	
13	.	114252-12700	CLEANER ASSY.OILBATH	1	1			1	1	(#)
14	..	160820-12300	BAND	1	1			1	1	(#)
15	..	114252-12660	CAP.AIRCLEANER	1	1			1	1	(#)
17	..	160820-12770	POT, OIL AIR CLEANER	1	1			1	1	
18	..	160820-12780	RING	1	1			1	1	
19	..	114252-12860	ELEMENT, AIR CLEANER	1	1			1	1	(#)
21	.	22217-080000	SPRING WASHER 8	2	2			2	2	
22	.	26106-060252	BOLT M 6X 25 PLATED	1	1			1	1	
23	.	26216-080182	STUD M 8X 18 PLATED	2	2			2	2	
24	.	26226-060142	STUD M 6X 14 PLATED	1	1			1	1	
25	.	26366-060002	NUT M 6	3	3			3	3	
26	.	26716-080002	NUT M 8	2	2			2	2	
27	.	114250-13200	GASKET, MUFFLER	1	1			1	1	
28A	.	114250-13921	MUFFLER W/COVER	1	1			1	1	
28B	.	114268-13500	MUFFLER W/COVER	1	1			1	1	(%)
29A	..	114250-13531	MUFFLER	1	1			1	1	
29B	..	114268-13510	MUFFLER	1	1			1	1	(%)
30A	..	114250-13701	COVER, MUFFLER	1	1			1	1	
30B	..	114268-13700	COVER, MUFFLER	1	1			1	1	(%)
31	..	26106-060082	BOLT M 6X 8 PLATED	6	6			6	6	
32	.	114770-13550	MUFFLER ASSY	1						(T)
33	..	114770-13560	MUFFLER	1						(T)
34	..	114870-13700	COVER(A), MUFFLER	1						(T)
35	..	114870-13710	COVER(B), MUFFLER	1						(T)
36	..	114870-13720	COVER(C), MUFFLER	2						(T)
37	..	26106-060082	BOLT M 6X 8 PLATED	12						(T)
38	.	114268-13800	EXTENSION, EXH.	1	1			1	1	(%)
39	.	26106-060122	BOLT M 6X 12 PLATED	2	2			2	2	
40	.	26366-060002	NUT 8	2	2			2	2	

REMARKS

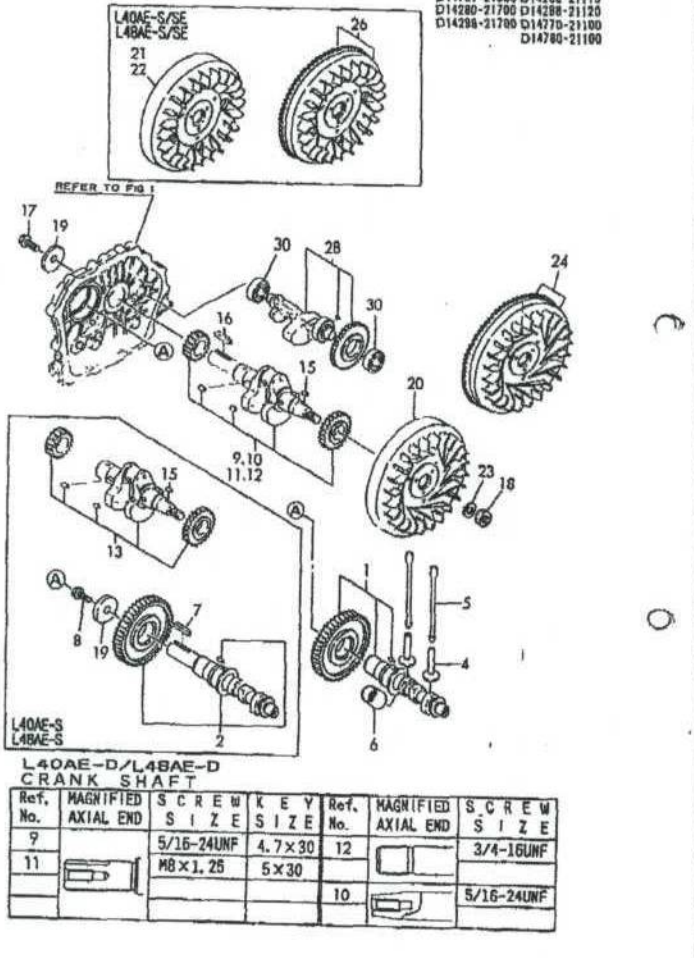
(#) FOR L40AE/48AE-D(E)F/S(E)F
(H) FOR L40AE/48AE-D(E)V
(T) L40AE-D6M0/DE6M0
(%) L40AE/L48AE-D(E)YM/S(E)YN
& L40AE-D(E)GM0

4051629

Fig.4 CRANKSHAFT & CAMSHAFT

SPEC CODE

D14770-21500	D14773-14100
D14721-21500	D14780-14100
D14780-21500	D14288-21100
D14781-21500	D14288-21110
D14280-21700	D14298-21120
D14298-21700	D14770-21100
	D14780-21100



L40AE-D/L48AE-D
CRANK SHAFT

Ref. No.	MAGNIFIED AXIAL END	SCREW SIZE	KEY SIZE	Ref. No.	MAGNIFIED AXIAL END	SCREW SIZE
9		5/16-24UNF	4.7×30	12		3/4-16UNF
11		M8×1.25	5×30			
				10		5/16-24UNF

| 1806 |
|(1802)|

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(4) CAM/CRANK/BARANCER SHAFT

(A)=
(B)=L40AE-D/DE
(C)=L48AE-D/DE
(D)=
(E)=L40AE-S/SE
(F)=L48AE-S/SE

YDOR3981

REF. NO.	LEV.	Q	PART NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	P/U	A	R
1	.		714780-14580	CAMSHAFT(D) ASSY.	1	1								
2	.		714770-14580	CAMSHAFT(S) ASSY.					1	1				
4	.		114250-14200	TAPPET, SUC./EXH.	2	2			2	2				
5	.		114250-14450	ROD, PUSH	2	2			2	2				
6	.		114250-14260	TAPPET, FUEL	1	1			1	1				
7	.		22512-050300	KEY 5X 30					1	1				
8	.		26106-080202	BOLT M 8X 20 PLATED					1	1				
9	.		714288-21700	CRANKSHAFT ASY (D/DE	1	1								(H)
10	.		714288-21730	CRANKSHAFT ASY (DGMO	1									(T)
11	.		714288-21740	CRANKSHAFT ASY(DV/DF	1	1								(Y)
12	.		714288-21760	CRANKSHAFT ASY (DP)	1	1								(%)
13	.		714278-21710	CRANKSHAFT ASSY(S)					1	1				
15	.		22512-040120	KEY 4X 12	1	1			1	1				
16	.		160642-21150	KEY 4.7X30	1	1								
17	.		160642-21250	BOLT 5/15-24UNF	1	1								
18	.		103854-01221	NUT M16	1	1			1	1				
19	.		160310-14550	WASHER	1	1			1	1				
20	.		114780-21400	FLYWHEEL (D)	1	1								
21	.		114770-21400	FLYWHEEL (S)					1	1				
22	.		114770-21410	FLYWHEEL (SF)					1	1				(#)
23	.		114250-21550	WASHER, FLYWHEEL	1	1			1	1				
24	.		114781-21590	FLYWHEEL(DB) W/GEAR	1	1								
26	.		114771-21590	FLYWHEEL(SE) W/GEAR					1	1				
28	.		714770-28510	SHAFT ASSY, BALANCER	1	1			1	1				
30	.		24101-062024	BALL BEARING	2	2			2	2				

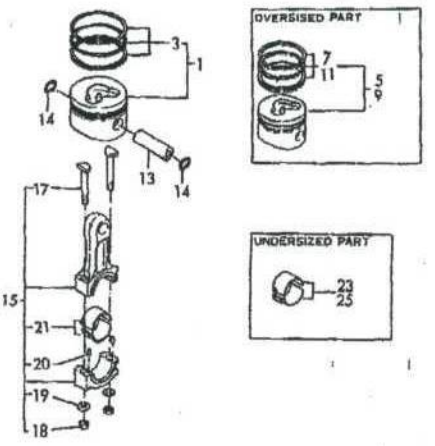
---------- REMARKS ----------

(Y) FOR L40AE/48AE-D(E)F & L40AE/48AE-D(E)V
(Y) FOR L40AE-DGMO/DEGMO
(#) FOR L40AE/48AE-SF/SEF
(H) FOR L40AE/48AE-D/DB & L40AE/48AE-D(E)TM/B(E)TM
(%) FOR L40AE/48AE-D(E)P

YD52293

Fig. 5 PISTON & CONNECTING ROD

D14270-22100
D14280-22100
D14250-23100



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(5) PISTON & ROD

(A)=
(B)=L40AE-D/DE
(C)=L48AE-D/DE
(D)=
(E)=L40AE-S/SE
(F)=L48AE-S/SE

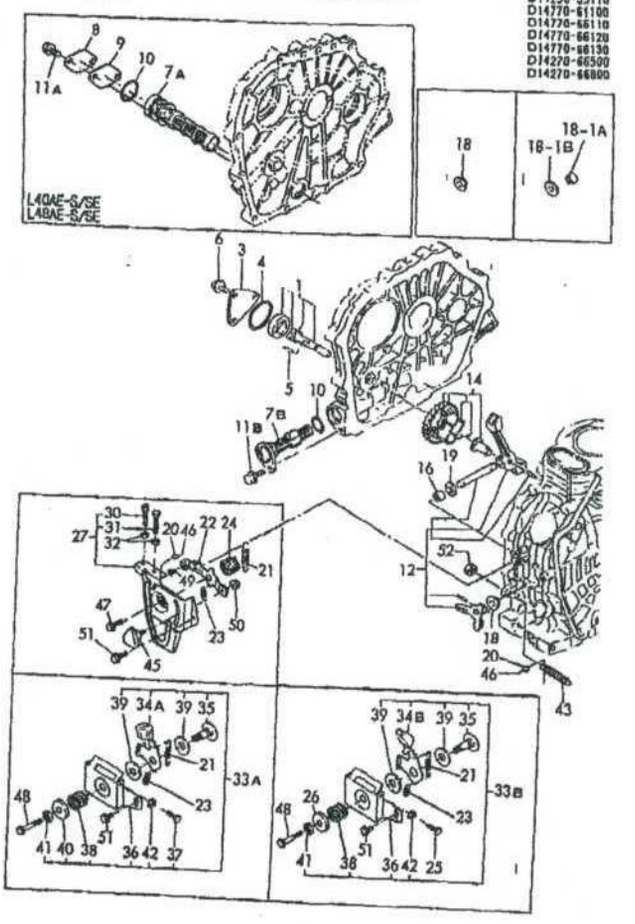
REF. NO.	LEV.	O	PART NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	P/U	A	R
1A	.		714280-22720	PISTON W/RINGS	1								
1B	.		714780-22720	PISTON W/RINGS		1							
1C	.		714270-22720	PISTON W/RINGS					1				
1D	.		714770-22720	PISTON W/RINGS						1			
3A	..		714250-22502	RING SET, PISTON	1				1				
3B	..		714770-22500	RING SET, PISTON		1				1			
5A	.		714280-22620	PISTON W/RING OS=.25	1								(H)
5B	.		714780-22620	PISTON W/RINGS(OS.25		1							(H)
5C	.		714270-22620	PISTON W/RING(OSO.25					1				(H)
5D	.		714770-22620	PISTON W/RING(OS=.25						1			(H)
7A	..		714250-22542	RING SET 0.5=0.25	1				1				(H)
7B	..		714770-22540	RING SET 0.5=0.25		1				1			(H)
9A	.		714280-22580	PISTON W/RING OS=0.5	1								(H)
9B	.		714780-22580	PISTON W/RINGS(OS.5		1							(H)
9C	.		714270-22580	PISTON W/RING(OSO.50					1				(H)
9D	.		714770-22580	PISTON W/RING(OS=0.5						1			(H)
11A	..		714250-22550	RING SET 0.5=0.50	1				1				(H)
11B	..		714770-22550	RING SET 0.5=0.50		1				1			(H)
13	.		114250-22302	PIN, PISTON D=19	1	1			1	1			
14	.		22252-000190	CIRCLIP 19	2	2			2	2			
15	.		714250-23703	ROD ASSY, CONNECTING	1	1			1	1			
17	...		114250-23200	BOLT, ROD	2	2			2	2			
18	...		114250-23220	NUT, ROD BOLT	2	2			2	2			
19	...		114250-23250	WASHER	2	2			2	2			
20	...		22312-030080	PARALLEL PIN 3X 8	2	2			2	2			
21	..		714250-23600	BEARING, CRANKPIN	1	1			1	1			
23	.		714250-23610	BEARING,PIN(U.3=0.25	1	1			1	1			(H)
25	.		714250-23620	BEARING,PIN(U.5=0.50	1	1			1	1			(H)

REMARKS

(H) OVERSIZED & UNDERSIZED PARTS

Fig.6 LUB. OIL PUMP & GOVERNOR

D14770-32100
D14250-35100
D14250-35110
D14770-61100
D14770-66110
D14770-66120
D14770-66130
D14270-66500
D14270-66800



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(6) L.O. DEVICE & GOVERNOR CONTROL

(A)= (D)=
(B)=L40AE-D/DE (E)=L40AE-S/SE
(C)=L48AE-D/DE (F)=L48AE-S/SE

(1B08)
((1B02))

Y00#3981

REF. NO.	LEV.	PART NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	P/U	A	R
1	.	114250-32010	PUMP ASSY, LUB.OIL	1	1		1	1				
3	.	114250-32070	COVER, LUB. OIL PUMP	1	1		1	1				
4	.	103338-32570	O-RING	1	1		1	1				
5	.	22312-030160	PARALLEL PIN 3X16	1	1		1	1				
6	.	26476-060142	BOLT M 6X 14,TAPPING	3	3		3	3				
7A	.	114250-35060	STRAINER, LUB. OIL				1	1				
7B	.	114250-35070	STRAINER, LUB. OIL	1	1							
8	.	114250-35250	COVER				1	1				
9	.	114250-35270	GASKET, L.O.STRAINER				1	1				
10	.	24341-000224	O-RING 1A S-22.4	1	1		1	1				
11A	.	26106-060122	BOLT M 6X 12 PLATED				2	2				
11B	.	26106-060162	BOLT M 6X 16 PLATED	1	1							
12	.	714250-61500	LEVER ASSY, GOVERNOR	1	1		1	1				
14	.	714770-61700	GOVERNOR ASSY	1	1		1	1				
16	.	121450-61520	NEEDLE BEARING FJ810	2	2		2	2				
18	.	114250-61900	BUSH, THRUST	1	1		1	1				
18-1A	.	114770-61600 (Box)	SEAL, OIL	1	1		1	1	F			
18-1B	.	114770-61610 (Box)	WASHER	1	1		1	1	F			
19	.	22137-080000	WASHER B, POLISHED	1	1		1	1				
20	.	135210-61090	LEAD	2	2		2	2				
21	.	114770-66010	SPRING, REGULATOR	1	1		1	1				
22	.	114250-66050	HANDLE, REGULATOR	1	1		1	1				
23	.	114250-66200	SPRING, RETURN	1	1		1	1				
24	.	114252-66252	SPRING, RETURN	1	1		1	1				
25	.	114250-66440	BOLT, ADJUSTING	1	1							(Y)
26	.	114254-66220	SUPPORT	1	1							(Y)
27	.	714268-66500	BRACKET ASSY,REGULAT	1	1		1	1				
30	...	102100-67080	BOLT, ADJUSTING	1	1		1	1				
31	...	114250-66440	BOLT, ADJUSTING	1	1		1	1				
32	..	26756-060002	LOCK NUT M 6 PLATED	2	2		2	2				
33A	.	183250-66500	BRACKET ASSY,REGULAT	1	1							(H)
33B	.	114254-66200	BRACKET ASSY,REGULAT	1	1							(Y)
34A	..	183250-66050	HANDLE, REGULATOR	1	1							(H)
34B	..	114254-66210	HANDLE, REGULATOR	1	1							(Y)
35	..	183250-66070	SHAFT, HANDLE	1	1							(H)
36	..	183250-66100	BRACKET, REGULATOR	1	1							(H)
37	..	114250-66440	BOLT, ADJUSTING	1	1							(H)
38	..	104200-66820	SPRING	1	1							(H)
39	..	104200-66830	PLATE, FRICTION	2	2							(H)
40	..	104200-66850	WASHER (B)	1	1							(H)
41	..	26696-100002	NUT M10	1	1							(H)
42	..	26756-060002	LOCK NUT M 6 PLATED	1	1							(H)
43	.	114250-66550	TORQUE SPRING ASSY	1	1		1	1				
45	.	16072S-78350	KNOB (W/M6X15)	1	1		1	1				
46	.	22451-060000	WIRE 0.6	2	2		2	2				
47	.	26106-060202	BOLT M 6X 20 PLATED	1	1		1	1				
48	.	26106-060452	BOLT M 6X 45 PLATED	1								(B)
49	.	26116-040088	BOLT M 4X 8 PLATED	1	1		1	1				
50	.	26346-060002	U-NUT M 6 PLATED	1	1		1	1				
51	.	26476-060142	BOLT M 6X 14,TAPPING	1	1		1	1				
52	.	26696-100002	NUT M10	1	1		1	1				

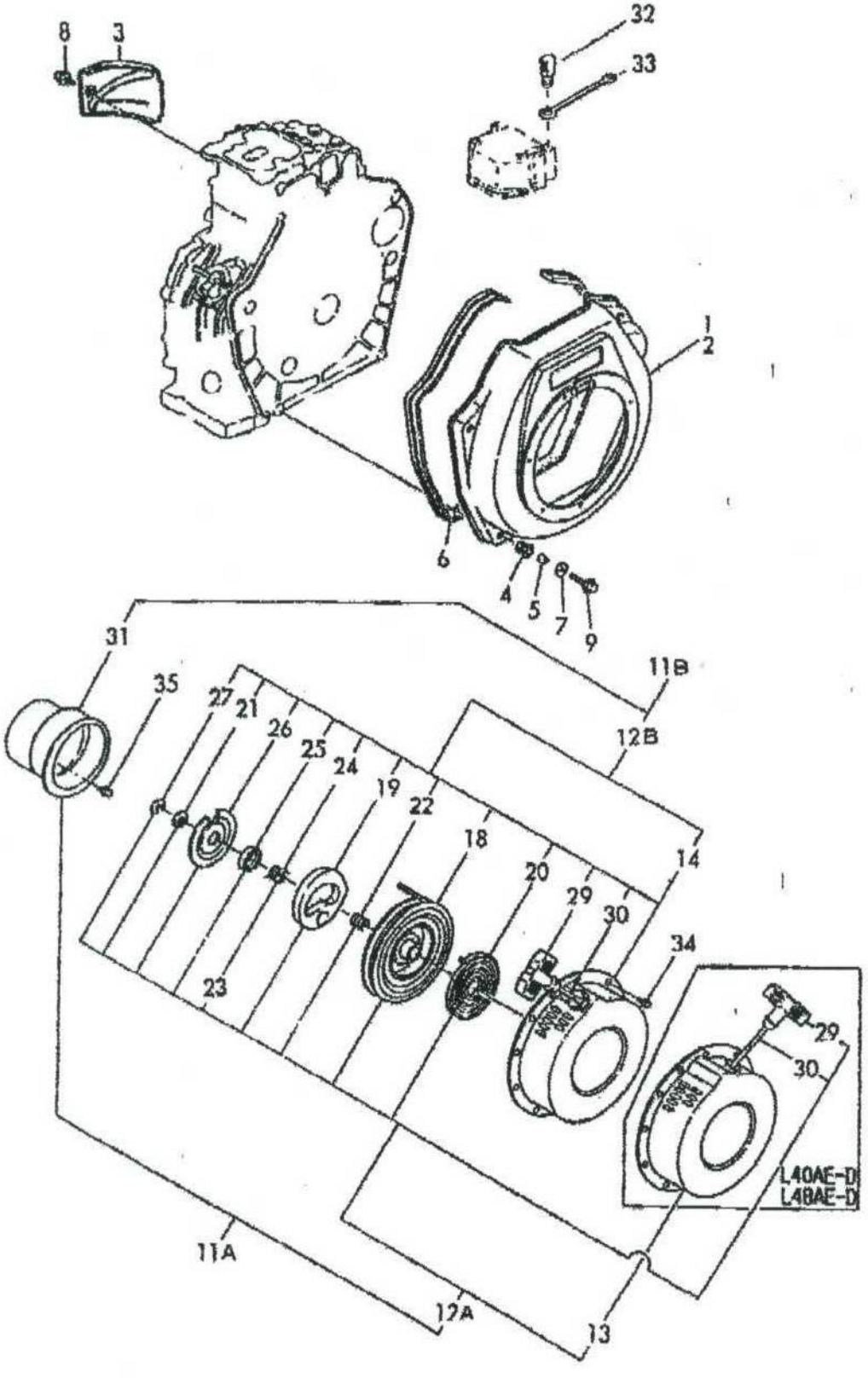
REMARKS

(H) FOR L40AE-DGHD/DEGMO L40AE/48AE-D(E)TM/S(E)TM
(B) FOR L40AE-DGHD/DEGMO (Y) FOR L40AE/48AE-D(E)V

Y051636

SPEC. CODE
D14770-45100
D14780-45100
D14250-76100
D14280-76100

Fig. 7 COOLING & STARTING DEVICE



1810
(1802)

Y00R3981

(7) COOLING & RECOIL STARTER

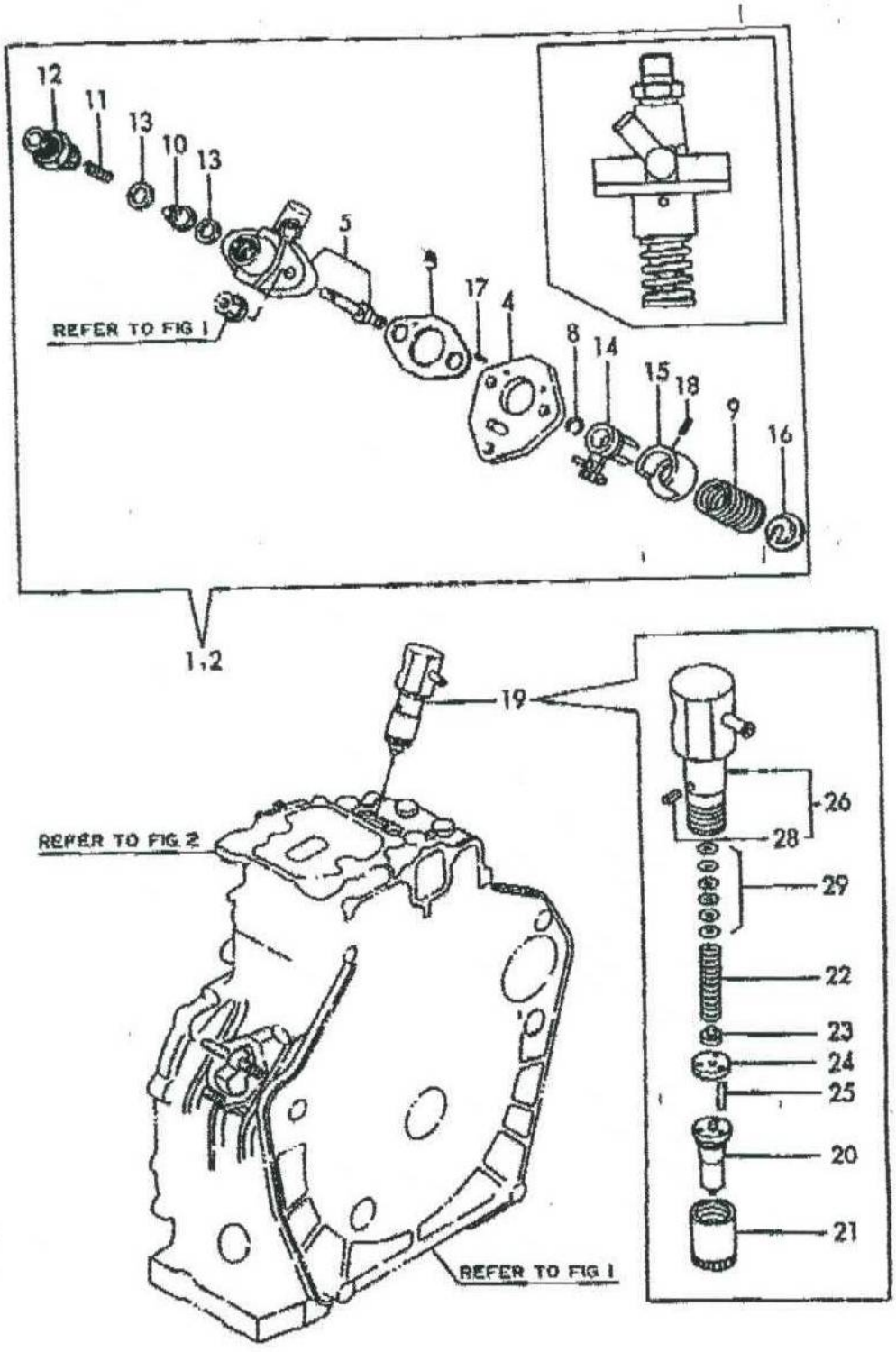
(A)= (B)= (D)=
(B)=L40AE-D/DE (E)=L40AE-S/SE
(C)=L48AE-D/DE (F)=L48AE-S/SE

REF. NO.	LEV.	Q	PART NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	P/U	A	R
1	.		114780-45100	CASE(D), COOLING FAN		1	1							
2	.		114770-45100	CASE(S), COOLING FAN					1	1				
3	.		114250-45211	COVER, CYLINDER		1	1		1	1				
4	.		114250-45300	RUBBER, CUSHION		4	4		4	4				
5	.		114250-45310	COLLAR		4	4		4	4				
6	.		114250-45330	SEAL, FAN CASE		1	1		1	1				
7	.		160120-76940	WASHER		4	4		4	4				
8	.		26476-060142	BOLT M 6X 14,TAPPING		1	1		1	1				
9	.		26476-060252	BOLT M 6X 25,TAPPING		4	4		4	4				
11A	.		714260-76810	RECOIL STARTER(D)ASY		1	1							
11B	.		714250-76820	RECOIL STARTER(S)ASY					1	1				
12A	..		714260-76820	RECOIL STARTER(D)ASY		1								
12A-1	..		714260-76821 (B=X)	RECOIL STARTER(D)ASY		1	1							N
12B	..		714250-76820	RECOIL STARTER(S)ASY					1					
12B-1	..		714250-76821	RECOIL STARTER(S)ASY				(E=X	1	1)				N
13	...		714260-76830	CASE (D) W/LABEL		1								
13-1	...		714260-76831 (B=X)	CASE (D) W/LABEL		1	1							N
14	...		714250-76830	CASE (S) W/LABEL					1					
14-1	...		714250-76831	CASE (S) W/LABEL				(E=X	1	1)				N
17	....		114250-07350	LABEL, DIESEL		1	1		1	1				
18	...		160260-76520	REEL, RECOIL		1	1		1	1				
19	...		160260-76530	RATCHET		1	1		1	1				
20	...		160260-76540	SPRING, SPIRAL		1	1		1	1				
21	...		160260-76550	WASHER, THRUST		1	1		1	1				
22	...		160260-76560	SPRING, FRICTION		1	1		1	1				
23	...		160290-76570	SPRING, RETURN		1	1							
24	...		160260-76570	SPRING, RETURN					1	1				
25	...		160260-76580	COVER, SPRING		1	1		1	1				
26	...		160260-76590	PLATE, FRICTION		1	1		1	1				
27	...		160260-76600	CIRCLIP(E)		1	1		1	1				
29	...		160260-76620	KNOB, STARTER		1	1		1	1				
30	...		160260-76630	ROPE, STARTER		1	1		1	1				
31	..		114250-76590	PULLEY, STARTER		1	1		1	1				
32	.		114250-76600	PLUNGER		1	1		1	1				
33	.		114250-76610	HOLDER, PLUNGER		1	1		1	1				
34	.		26106-060082	BOLT M 6X 8 PLATED		4	4		4	4				
35	.		26106-060122	BOLT M 6X 12 PLATED		3	3		3	3				

REMARKS

Fig. 8 FUEL INJECTION PUMP & VALVE

D14250-51200
D14250-53101
D14260-51100



1811
(1802)

(8) FUEL INJECTION PUMP & VALVE

(A)=
(B)=L40AE-D/DE
(C)=L48AE-D/DE
(D)=
(E)=L40AE-S/SE
(F)=L48AE-S/SE

YOO#3981

REF. NO.	LEV. 0	PART NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I P/U A R
1	.	714250-51710	PUMP ASSY, F.INJECT.	1				1		
2	.	714770-51700	PUMP ASSY. F.INJECT.		1				1	
3	..	105546-51020	GASKET	1	1			1	1	
4	..	114250-51080	PLATE	1	1			1	1	
5	..	114250-51200	BODY, F.I. PUMP	1	1			1	1	
8	..	114250-51150	SNAP RING	1	1			1	1	
9	..	114250-51160	SPRING	1	1			1	1	
10	..	114250-51300	VALVE ASSY, DELIVERY	1	1			1	1	
11	..	105546-51330	SPRING, DELIV. VALVE	1	1			1	1	
12	..	114250-51340	HOLDER, F.I.P.DELIVE	1	1			1	1	
13	..	124550-51350	GASKET, DELIVERY	2	2			2	2	
14	..	114250-51600	LEVER ASSY, CONTROL	1	1			1	1	
15	..	114250-51640	SEAT (A), SPRING	1	1			1	1	
16	..	114250-51650	SEAT (B), SPRING	1	1			1	1	
17	..	22351-020006	SPRING PIN 2X 6	2	2			2	2	
18	..	22351-030008	SPRING PIN 3X 8	1	1			1	1	
19	.	714250-53101	VALVE ASSY, F.INJECT	1	1			1	1	
20	..	114250-53001	NOZZLE ASSY,F.INJECT	1	1			1	1	
21	..	114250-53080	NUT, NOZZLE CASE	1	1			1	1	
22	..	114250-53120	SPRING, NOZZLE	1	1			1	1	
23	..	114250-53130	SEAT, NOZZLE SPRING	1	1			1	1	
24	..	114250-53140	PLATE, STOP	1	1			1	1	
25	..	114250-53210	PIN	2	2			2	2	
26	..	114250-53300	HOLDER ASSY, NOZZLE	1	1			1	1	
28	...	114250-53331	PIN, SPRING	1	1			1	1	
29	..	114250-53400	SHIM PACK	1	1			1	1	

REMARKS

| 1812 |
|(1802)|

(9) FUEL INJECTION PUMP & VALVE

(A)= (D)=
(B)=L40AE-D(E)TM(E)=L40AE-S(E)TM
(C)=L48AE-D(E)TM(F)=L48AE-S(E)TM

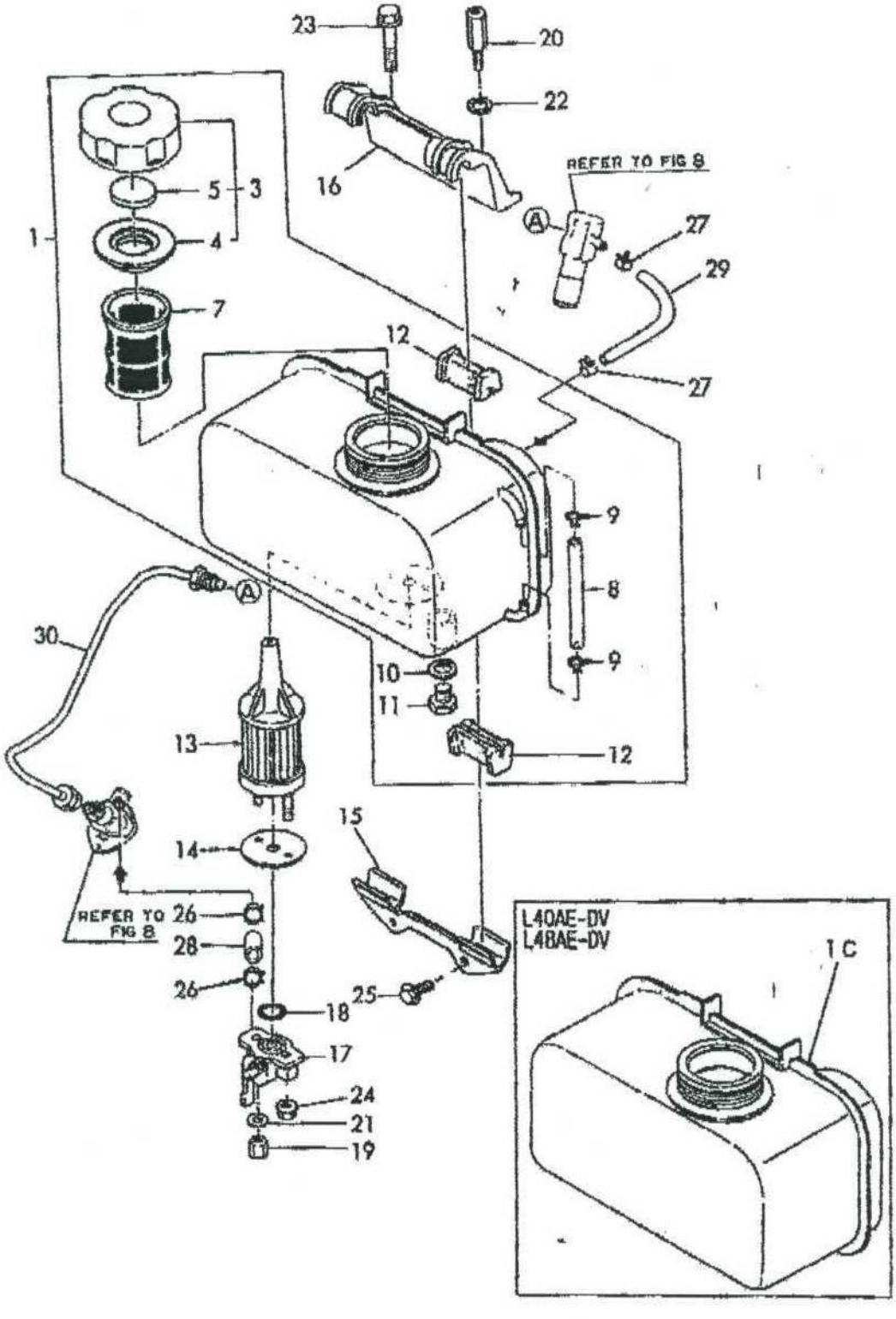
YDOR3981

REF. NO.	LEV. O	PART NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I P/U A R
1	.	783250-51740	PUMP ASSY. F.INJECT.	1			1			
2	.	714770-51740	PUMP ASSY. F.INJECT.		1			1		
3	..	105546-51020	GASKET	1	1		1	1		
4	..	114250-51080	PLATE	1	1		1	1		
5	..	183250-51400	BODY, F. I. PUMP	1	1		1	1		
8	..	114250-51150	SNAP RING	1	1		1	1		
9	..	114250-51160	SPRING	1	1		1	1		
10	..	114250-51300	VALVE ASSY, DELIVERY	1	1		1	1		
11	..	105546-51330	SPRING, DELIV. VALVE	1	1		1	1		
12	..	114250-51340	HOLDER, F.I.P.DELIVE	1	1		1	1		
13	..	124550-51350	GASKET, DELIVERY	2	2		2	2		
14	..	114250-51600	LEVER ASSY, CONTROL	1	1		1	1		
15	..	114250-51640	SEAT (A), SPRING	1	1		1	1		
16	..	114250-51650	SEAT (B), SPRING	1	1		1	1		
17	..	22351-020006	SPRING PIN 2X 6	2	2		2	2		
18	..	22351-030008	SPRING PIN 3X 8	1	1		1	1		
19	.	714250-53101	VALVE ASSY, F.INJECT	1	1		1	1		
20	..	114250-53001	NOZZLE ASSY,F.INJECT	1	1		1	1		
21	..	114250-53080	NUT, NOZZLE CASE	1	1		1	1		
22	..	114250-53120	SPRING, NOZZLE	1	1		1	1		
23	..	114250-53130	SEAT, NOZZLE SPRING	1	1		1	1		
24	..	114250-53140	PLATE, STOP	1	1		1	1		
25	..	114250-53210	PIN	2	2		2	2		
26	..	114250-53300	HOLDER ASSY, NOZZLE	1	1		1	1		
28	...	114250-53331	PIN, SPRING	1	1		1	1		
29	..	114250-53400	SHIM PACK	1	1		1	1		

REMARKS

Fig. 10 FUEL TANK & FUEL LINE

SPEC CODE
D14250-55100
D14250-59100
D14254-55130



1813 (1802)

(10) FUEL TANK & FUEL PIPE

(A)=
(B)=L40AE-D/DE
(C)=L48AE-D/DE
(D)=
(E)=L40AE-S/SE
(F)=L48AE-S/SE

Y00R3981

REF. NO.	LEV.	PART NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	P/U	A	R	
1A	-	714250-55711	TANK ASSY.FUEL(D/S	1	1			1	1					(#)
1B	-	714268-55721	TANK ASSY.FUEL(DGMO	1										(Y)
1C	-	714268-55751	TANK ASSY, FUEL(DV)	1	1									(T)
1D	-	714258-55701	TANK ASSY.FUEL(DF/SF	1	1			1	1					
3	..	114250-55041	CAP, TANK	1	1			1	1					
4	...	114250-55050	GASCET, TANK CAP	1	1			1	1					
5	...	114250-55060	SEAL	1	1			1	1					
7	..	114250-55100	FILTER, FUEL	1	1			1	1					
8	..	114250-55150	PIPE, GAUGE	2	2			2	2					
9	..	124722-59050	CLAMP 9	1	1			1	1					
10	..	23414-120000	GASKET 12, ROUND	1	1			1	1					
11	..	23887-120002	PLUG 12,HEX.	4	4			4	4					
12	..	114250-55201	DAMPER, FUEL TANK	1	1			1	1					
13	.	114250-55120	FILTER, FUEL OIL	1	1			1	1					
14	.	114250-55130	GASKET	1	1			1	1					
15	.	114250-55211	STAY (A)	1	1			1	1					
16	.	114250-55231	STAY (B)	1	1			1	1					
17	.	114250-55300	COCK ASSY, FUEL	1	1			1	1					
18	.	24341-000150	O-RING 1A S-15.0	1	1			1	1					
19	.	114252-55800	NUT	1	1			1	1					
20	.	114650-55810	BOLT, LIFTING	1	1			1	1					
21	.	22117-060000	WASHER 6	1	1			1	1					
22	.	22117-080000	WASHER 8	1	1			1	1					
23	.	26106-080452	BOLT M 8X 45 PLATED	1	1			1	1					
24	.	26366-060002	NUT M 6	2	2			2	2					
25	.	26476-060142	BOLT M 6X 14,TAPPING	2	2			2	2					
26	.	106990-44660	BAND, HOSE	2	2			2	2					
27	.	124722-59050	CLAMP 9	1	1			1	1					
28	.	114250-59050	PIPE, FUEL OIL	1	1			1	1					
29	.	114250-59060	PIPE, FUEL RETURN	1	1			1	1					
30	.	114250-59800	PIPE, FUEL INJECTION	1	1			1	1					

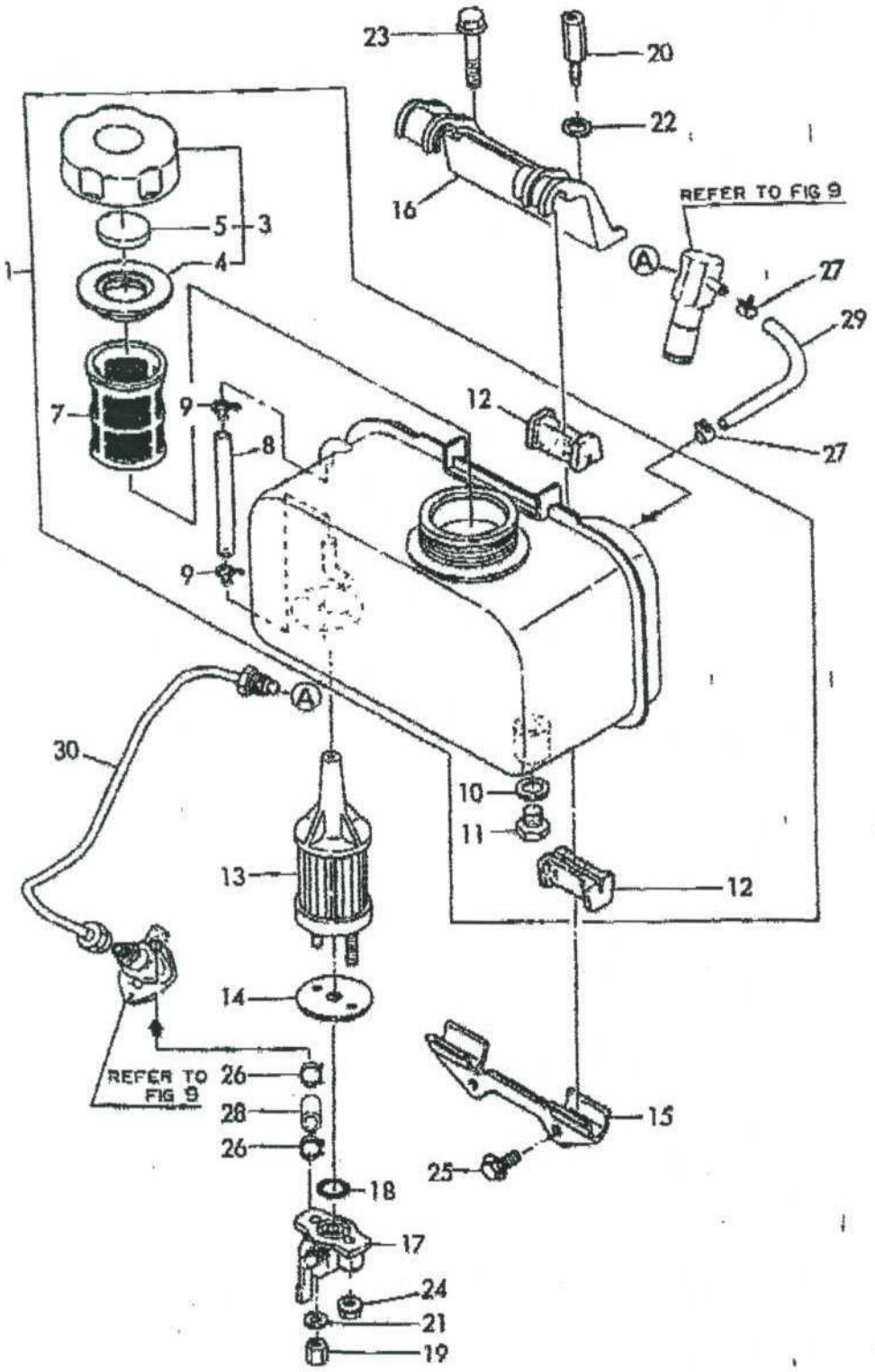
1. TANK-JUNK-PUMPE KOT => 714268 55721
16. TANK-HALTER-J.Pumpe 00044000 9

REMARKS

(Y) FOR L40AE/48AE-D(E)V
(#) FOR L40AE-DGMO/DEGMO
(T) FOR L40AE/48AE-D(E)F/S(E)F

D14268-55110
D14268-59110

Fig. 11 FUEL TANK & FUEL LINE



1814 (1802)

(11) FUEL TANK & FUEL PIPE

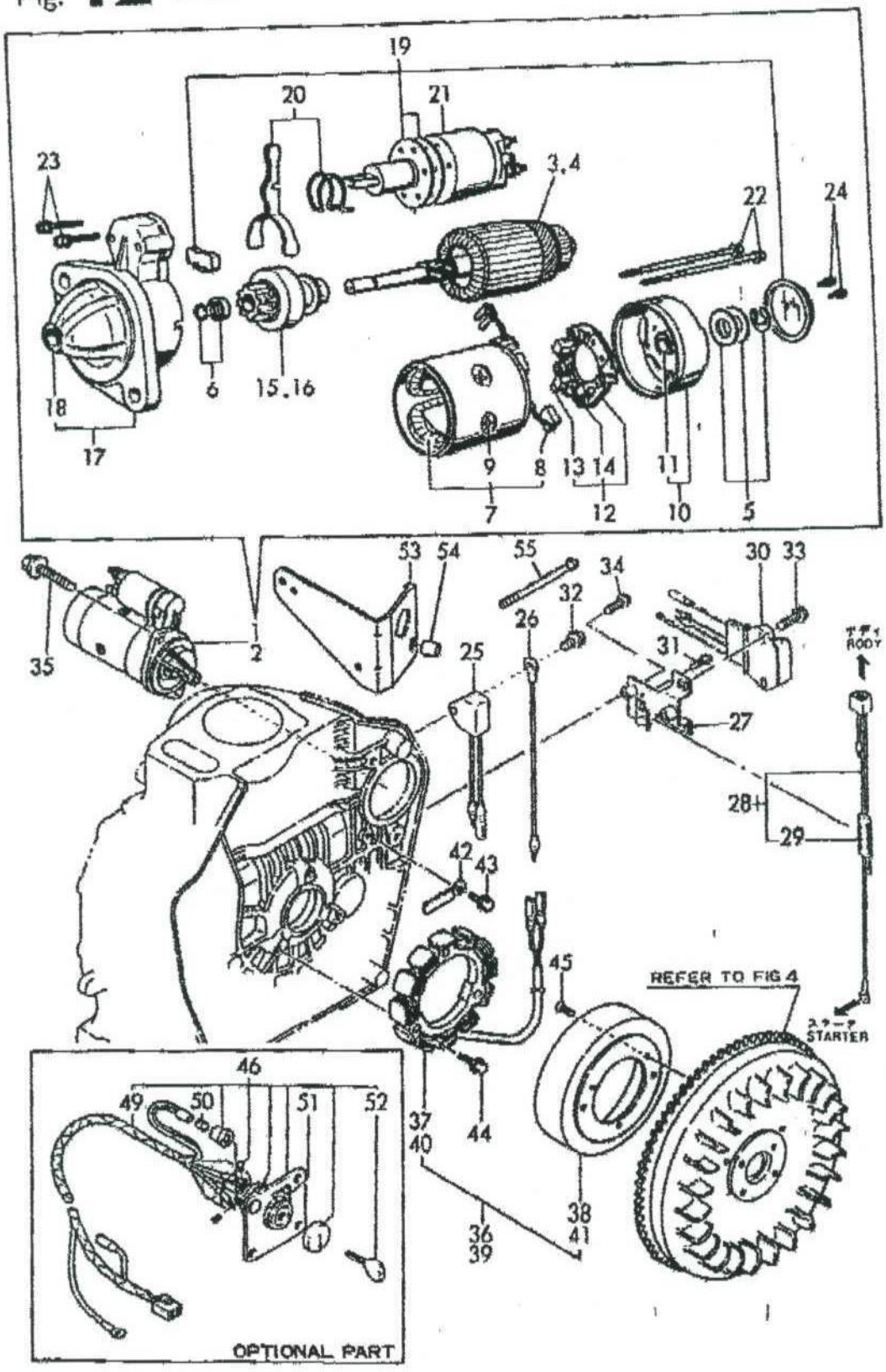
(A)= (D)=
(B)=L40AE-D(E)TM(E)=L40AE-S(E)TM
(C)=L48AE-D(E)TM(F)=L48AE-S(E)TM

Y00R3981

REF. NO.	LEV.	PART NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I P/U	A	R
1	-	714268-55701	TANK ASSY.(DTM/STM)	1	1		1	1				
3	--	114250-55041	CAP, TANK	1	1		1	1				
4	---	114250-55050	GASCET, TANK CAP	1	1		1	1				
5	---	114250-55060	SEAL	1	1		1	1				
7	--	114250-55100	FILTER, FUEL	1	1		1	1				
8	--	114250-55150	PIPE, GAUGE	2	2		2	2				
9	--	124722-59050	CLAMP 9	1	1		1	1				
10	--	23414-120000	GASKET 12, ROUND	1	1		1	1				
11	--	23887-120002	PLUG 12,HEX.	4	4		4	4				
12	--	114250-55201	DAMPER, FUEL TANK	1	1		1	1				
13	-	114250-55120	FILTER, FUEL OIL	1	1		1	1				
14	-	114250-55130	GASKET	1	1		1	1				
15	-	114250-55211	STAY (A)	1	1		1	1				
16	-	114250-55231	STAY (B)	1	1		1	1				
17	-	114250-55300	COCK ASSY, FUEL	1	1		1	1				
18	-	24341-000150	O-RING 1A S-15.0	1	1		1	1				
19	-	114252-55800	NUT	1	1		1	1				
20	-	114650-55810	BOLT, LIFTING	1	1		1	1				
21	-	22117-060000	WASHER 6	1	1		1	1				
22	-	22117-080000	WASHER 8	1	1		1	1				
23	-	26106-080452	BOLT M 8X 45 PLATED	1	1		1	1				
24	-	26366-060002	NUT M 6	2	2		2	2				
25	-	26476-060142	BOLT M 6X 14,TAPPING	2	2		2	2				
26	-	106990-44660	BAND, HOSE	2	2		2	2				
27	-	124722-59050	CLAMP 9	1	1		1	1				
28	-	114250-59050	PIPE, FUEL OIL	1	1		1	1				
29	-	114250-59060	PIPE, FUEL RETURN	1	1		1	1				
30	-	114250-59810	PIPE, FUEL INJECTION	1	1		1	1				

D14351-77100 D14353-78310
D14351-78300 D14362-77100
D14353-77110 D14654-77140

Fig. 12 STARTING MOTOR & DYNAMO



| 1815 |
|(1802)|
+------+
Y00R3981

(12) STARTING MOTOR & DYNAMO

(A)=
(B)=L40AE-DE
(C)=L48AE-DE
(D)=
(E)=L40AE-SE
(F)=L48AE-SE

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	P/U	A	R	
1	.		114362-77010	STARTER (S114-414A)	1	1									
2	-		114351-77010	STARTER (S114-413A					1	1					
3	..		X211461104	ARMATURE	1	1									
4	..		X211461008	ARMATURE					1	1					
5	..		X21148110	WASHER SET, THRUST	1	1			1	1					
6	..		X21147155	STOPPER SET, PINION	1	1			1	1					
7	..		X211412105	COIL ASSY, FIELD	1	1			1	1					
8	...		X21145312	BRUSH (+)	2	2			2	2					
9	...		X21143215	SCREW, CORE	4	4			4	4					
10	..		X211473002	COVER, REAR	1	1			1	1					
11	...		X21145352	METAL	1	1			1	1					
12	..		X211489001	HOLDER ASSY, BRUSH	1	1			1	1					
13	...		X21148313	BRUSH (-)	1	1			1	1					
14	...		X21149314	SPRING, BRUSH	3	3			3	3					
15	..		X211445508	PINION ASSY	1	1									
16	..		X211445504	PINION ASSY					1	1					
17	..		X211416603	HOUSING ASSY, GEAR	1	1			1	1					
18	...		X21145352	METAL	1	1			1	1					
19	..		X211478006	COVER KIT, DUST	1	1			1	1					
20	..		X211456013	LEVER KIT, SHIFT	1	1			1	1					
21	..		X211427501	SWITCH, MAGNETIC	1	1			1	1					
22	..		X211468005	BOLT, THROUGH	2	2			2	2					
23	..		X21145867	BOLT &	2	2			2	2					
24	..		X21142835	SCREW SET	1	1			1	1					
25	.		160970-77350	RECTIFIER	1	1			1	1					
26	.		183350-77400	WIRE, LEAD	1	1			1	1					
27	.		114253-77410	BRACKET					1	1					(Y)
I 27- 1	-		114385-77400	BRACKET			(B=X		1	1 R	)				
28	.		114253-77491	HARNESS, WIRE					1	1					(Y)
29	..		29411-150000	FUSE (15A),CARTRIDGE					2	2					(Y)
30	.		114253-77520	REGULATOR					1	1					(Y)
31	.		26023-040102	SCREW M 4X 10	2	2			2	2					
32	.		26106-060122	BOLT M 6X 12 PLATED	1	1			1	1					
33	.		26106-060202	BOLT M 6X 20 PLATED					2	2					(Y)
34	.		26106-060252	BOLT M 6X 25 PLATED					2	2					(Y)
I 34- 1	.		26106-060122	BOLT M 6X 12 PLATED			(E=X		2	2 N	)				
35	.		26106-100302	BOLT M10X 30 PLATED	2	2			2	2					
36	.		114351-78250	DYNAMO ASSY	1	1			1	1					
37	..		114351-78750	STATOR ASSY	1	1			1	1					
38	..		114351-78760	WHEEL, DYNAMO	1	1			1	1					
39	.		114351-78260	DYNAMO ASSY (12V-3A)					1	1					(Y)
40	..		114351-78770	STATOR ASSY,(132.1MM					1	1					(Y)
41	..		114351-78780	WHEEL (STATOR132.1MM					1	1					(Y)
42	-		160710-78710	CLAMP, CORD	1	1			1	1					
43	.		26476-060142	BOLT M 6X 14,TAPPING	1	1			1	1					
44	.		26476-060202	BOLT M 6X 20,TAPPING	3	3			3	3					
45	.		26577-060142	SCREW M 6X 14	3	3			3	3					
46	.		114351-77500	PANEL ASSY,KEYSWITCH	1	1			1	1					(H)
49	..		114351-77700	HARNESS, WIRE	1	1			1	1					(H)
50	...		29220-083200	BULB (12V/3.4W)	1	1			1	1					(H)
51	..		105198-07120	LABEL, STARTER	1	1			1	1					(H)
52	..		106100-77630	KEY, STARTER	1	1			1	1					(H)
53	.		114351-77620	BRACKET, ST.SWITCH	1				1						(H)
54	.		114351-77630	WASHER	2				2						(H)
55	.		26106-060702	BOLT M 6X 70 PLATED	2				2						(H)

REMARKS

|(Y) FOR L40AE-SEF, L48AE-SEF. |(H) OPTIONAL PARTS.

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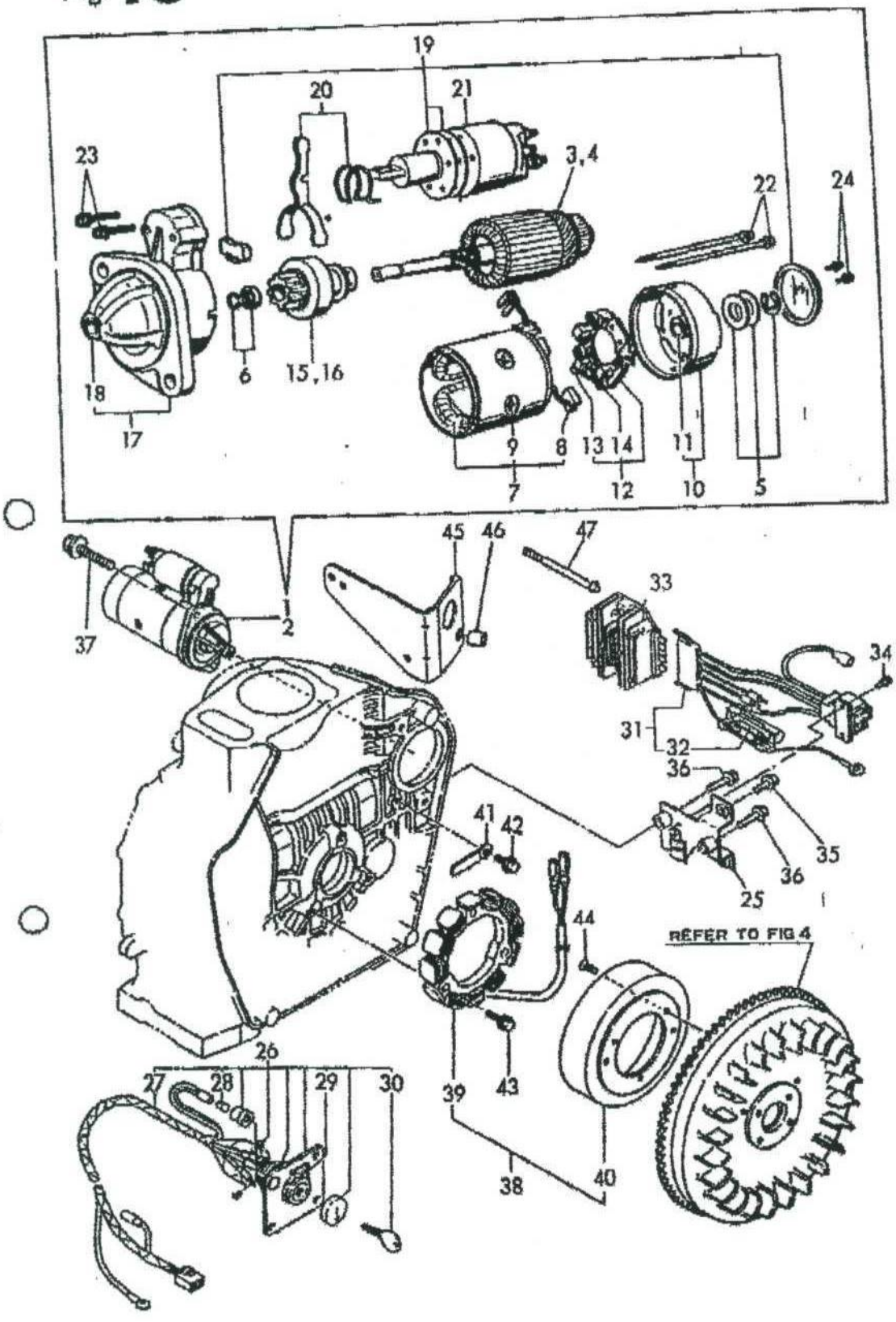
SPEC CODE
D14361-77110
D14654-77140
D14353-78310

Fig. 13 STARTING MOTOR & DYNAMO



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(13) STARTING MOTOR & DYNAMO

(A)=
(B)=L40AE-DETM
(C)=L48AE-DETM
(D)=
(E)=L40AE-SETM
(F)=L48AE-SETM

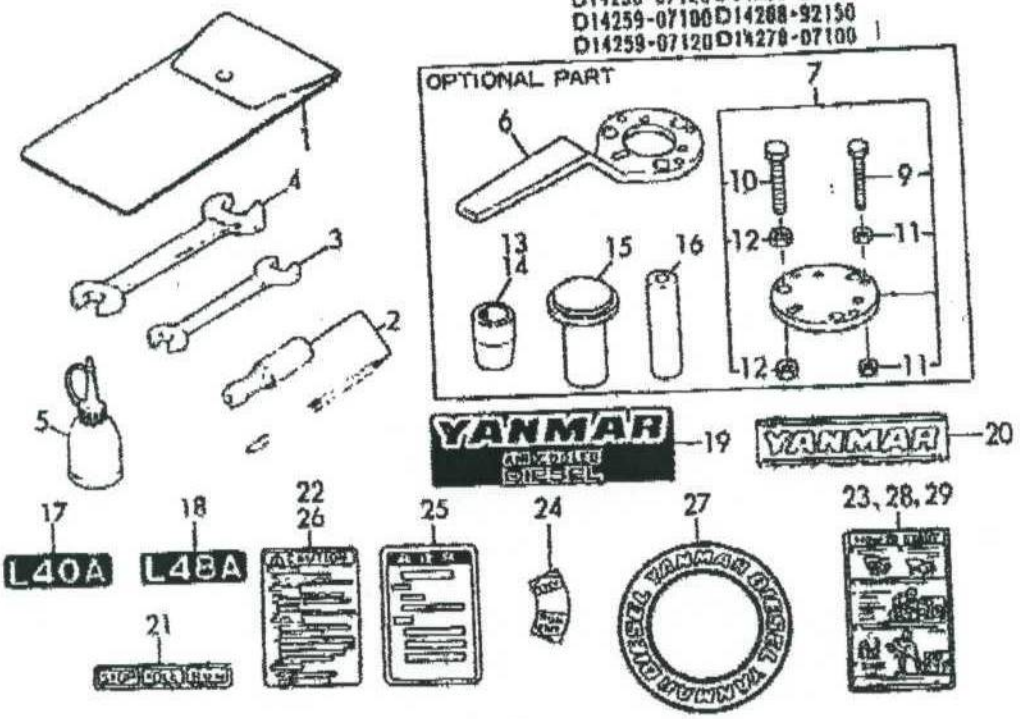
REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	P/U	A	B
1	.		114362-77010	STARTER (S114-414A)	1	1								
2	.		114351-77010	STARTER (S114-413A					1	1				
3	..		X211461104	ARMATURE	1	1								
4	..		X211461008	ARMATURE					1	1				
5	..		x21148110	WASHER SET, THRUST	1	1			1	1				
6	..		X21147155	STOPPER SET, PINION	1	1			1	1				
7	..		X211412105	COIL ASSY, FIELD	1	1			1	1				
8	...		X21145312	BRUSH (+)	2	2			2	2				
9	...		X21143215	SCREW, CORE	4	4			4	4				
10	..		X211473002	COVER, REAR	1	1			1	1				
11	...		X21145352	METAL	1	1			1	1				
12	..		X211489001	HOLDER ASSY, BRUSH	1	1			1	1				
13	...		X21148313	BRUSH (-)	1	1			1	1				
14	...		X21149314	SPRING, BRUSH	3	3			3	3				
15	..		X211445508	PINION ASSY	1	1								
16	..		X211445504	PINION ASSY					1	1				
17	..		X211416603	HOUSING ASSY, GEAR	1	1			1	1				
18	...		X21145352	METAL	1	1			1	1				
19	..		X211478006	COVER KIT, DUST	1	1			1	1				
20	..		X211456013	LEVER KIT, SHIFT	1	1			1	1				
21	..		X211427501	SWITCH, MAGNETIC	1	1			1	1				
22	..		X211468005	BOLT, THROUGH	2	2			2	2				
23	..		X21145867	BOLT 6	2	2			2	2				
24	..		X21142835	SCREW SET	1	1			1	1				
25	.		114253-77410	BRACKET	1	1			1	1				
25- 1	.		114385-77400	BRACKET	1	1			1	1		R		
			(B=X	)										
26	.		114351-77500	PANEL ASSY,KEYSWITCH	1	1			1	1				
27	..		114351-77700	HARNESS, WIRE	1	1			1	1				
28	...		29220-083200	BULB (12V/3.4W)	1	1			1	1				
29	..		105198-07120	LABEL, STARTER	1	1			1	1				
30	..		106100-77630	KEY, STARTER	1	1			1	1				
31	.		114351-77540	HARNESS, WIRE	1	1			1	1				
32	..		29411-150000	FUSE (15A),CARTRIDGE	2	2			2	2				
33	.		119660-77710	CURRENY LIMITER	1	1			1	1				
34	.		26023-040102	SCREW M 4X 10	2	2			2	2				
35	.		26106-060202	BOLT M 6X 20 PLATED	2	2			2	2				
36	.		26106-060252	BOLT M 6X 25 PLATED	2	2			2	2				
36- 1	.		26106-060122	BOLT M 6X 12 PLATED	2	2			2	2		N		
			(B=X	)										
37	.		26106-100302	BOLT M10X 30 PLATED	2	2			2	2				
38	.		114351-78260	DYNAMO ASSY (12V-3A)	1	1			1	1				
39	..		114351-78770	STATOR ASSY,(132.1MM	1	1			1	1				
40	..		114351-78780	WHEEL (STATOR132.1MM	1	1			1	1				
41	.		160710-78710	CLAMP, CORD	1	1			1	1				
42	.		26476-060142	BOLT M 6X 14,TAPPING	1	1			1	1				
43	.		26476-060202	BOLT M 6X 20,TAPPING	3	3			3	3				
44	.		26577-060142	SCREW M 6X 14	3	3			3	3				
45	.		114351-77620	BRACKET, ST.SWITCH	1				1					(H)
46	.		114351-77630	WASHER	2				2					(H)
47	.		26106-060702	BOLT M 6X 70 PLATED	2				2					(H)

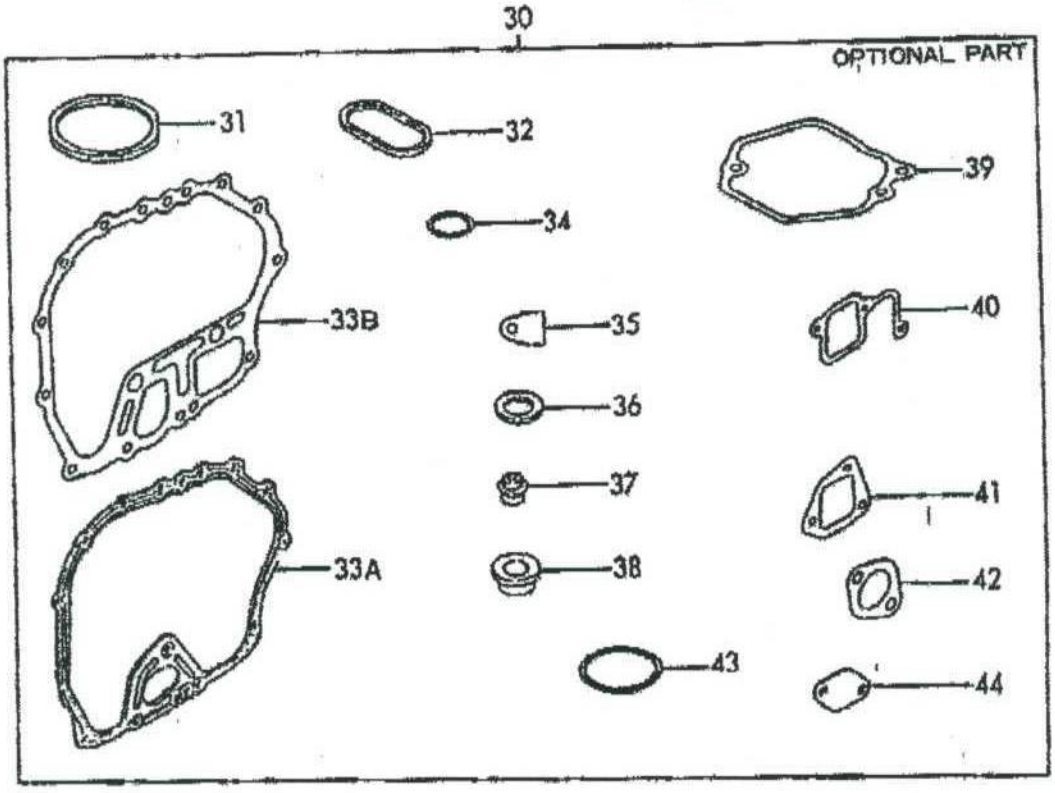
---------- REMARKS ----------

(H) OPTIONAL PARTS

Fig. 14 TOOL, LABEL & GASKET SET

D14250-92100 D14268-07100 D14278-07110
D14250-92150 D14268-07120 D14288-07100
D14254-07110 D14268-07140 D14288-07110
D14254-07120 D14268-92150 D14278-07100
D14254-07130 D14269-07110
D14258-07110 D14250-92100
D14258-07120 D14250-92150
D14259-07100 D14288-92150
D14259-07120 D14278-07100





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(14) TOOLS / LABELS & GASKET SET

(A)=
(B)=L40AE-D/DE
(C)=L48AE-D/DE
(D)=
(E)=L40AE-S/SE
(F)=L48AE-S/SE

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I P/U	A	R
1			114250-92600	BAG, TOOL	1	1			1	1			
2	.		160330-92730	SCREWDRIVER	1	1			1	1			
3	.		28110-100120	WRENCH 10X12	1	1			1	1			
4	.		28110-140170	WRENCH 14X17	1	1			1	1			
5	.		28210-000150	FEEDER, OIL	1	1			1	1			(Y)
6	.		114250-92101	F.W. LOCKING HANDLE	1	1			1	1			(Y)
7	.		114250-92130	REMOVER, FLYWHEEL	1	1			1	1			(Y)
9	..		26116-060454	BOLT M 6X 45 PLATED	4	4			4	4			(Y)
10	..		26116-080454	BOLT M 8X 45 PLATED	3	3			3	3			(Y)
11	..		26716-060002	NUT M 6	8	8			8	8			(Y)
12	..		26716-080002	NUT M 8	6	6			6	6			(Y)
13	.		114268-92300	GUIDE, OIL SEAL	1	1							(Y)
14	.		114250-92301	GUIDE, OIL SEAL					1	1			(Y)
15	.		114250-92311	INSTALLING TOOL	1	1			1	1			(Y)
16	.		114250-92350	INSTALLING TOOL	1	1			1	1			(Y)
17	.		114270-07050	LABEL, (L40A)			1			1			
18	.		114770-07050	LABEL, (L48A)	1	1			1	1			
19	.		114250-07090	LABEL, AIR COOLED	1	1			1	1			
20	.		114250-07110	LABEL, YANMAR	1	1			1	1			
21	.		183250-07230	LABEL, OPERATION	1	1			1	1			
22	.		114268-07240	LABEL, CAUTION	1	1			1	1			
23	.		114250-07250	LABEL, HOW TO START	1	1			1	1			
24	.		114250-07260	LABEL, OPERATION	1	1			1	1			
25	.		114268-07260	LABEL, CAUTION	1	1							
26	.		114268-07280	LABEL, PRECAUTION	1	1			1	1			
27	.		114250-07350	LABEL, YANMAR DIESEL	1	1			1	1			
28	.		114268-07350	LABEL, HOW TO START	1	1							
29	.		114268-07360	LABEL,HOW TO START(F	1				1				
30A	.		714270-92600	GASKET SET		1				1			
30B	.		714770-92600	GASKET SET	1				1				
31A	..		114250-01340	GASKET, CYL. HEAD		1				1			
31B	..		114770-01340	GASKET, CYL. HEAD	1	1			1	1			
32	..		114250-01380	O-RING	1	1			1	1			
33A	..		114250-01411	GASKET, CRANK CASE	1	1			1	1			
33B	..		114250-01412	GASKET, CRANK CASE	2	2			2	2			
34	..		24311-000180	O-RING 1A P-18.0	1	1			1	1			
35	..		114250-01840	GASKET	2	2			2	2			
36	..		43400-S00490	SEAL WASHER 16	2	2			2	2			
37	..		114250-11340	SEAL, VALVE STEM	1	1			1	1			
38	..		114250-11460	GASKET, NOZZLE	1	1			1	1			
39	..		114250-11310	GASKET, BONNET	1	1			1	1			
40	..		114250-12200	GASKET, AIR INTAKE	1	1			1	1			
41A	..		114250-12210	GASKET, AIR CLEANER	1	1			1	1			
41B	..		114252-12210	GASKET, AIR CLEANER	1	1			1	1			
42	..		114250-13200	GASKET, MUFFLER	1	1			1	1			
43	..		103338-32570	O-RING					1	1			
44	..		114250-35270	GASKET, L.O.STRAINER									

REMARKS

((Y) OPTIONAL PARTS

YO51652