

OCR10-M54900EN

Precautions

1. Some of the illustrations in this parts catalog are simplified.
2. Depending on the specifications of your product, the actual product and parts catalog may not match.
3. Please use genuine parts when repairing the product.
4. When ordering spare parts, please confirm the specifications (model name, serial number, part number, quantity, etc.) and confirm with your distributors or dealers.
5. Please refer to the user manual or service manual for information on how to replace parts, technical information, and other related details.
6. If you are using a booklet or PDF parts catalog, you must verify the latest information via the online parts catalog.

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- 1) The contents provided in this parts catalog may not correspond with the latest products due to changes in regulations, product specifications, or other amendments.
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- 3) This parts catalog does not guarantee conformity to the customer's requirements.
- 4) In addition to the previous items, we do not guarantee the accuracy, completeness, assurance, applicability, usefulness, availability, safety or reliability of this parts catalog.

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はじめに

1. 本パーツカタログは、L48AE-DYC, L48AE-DEYC, L48AE-DEGYC, L48AE-DGYC, L48AE-SYC形を掲載した新作版です。

	パーツカタログNo.	発行年月	備考
初版	000Y00R5490	2002年10月	

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Introduction

1. This parts catalog is a first edition for the L48AE-DYC, L48AE-DEYC, L48AE-DEGYC, L48AE-DGYC, L48AE-SYC Diesel engine.

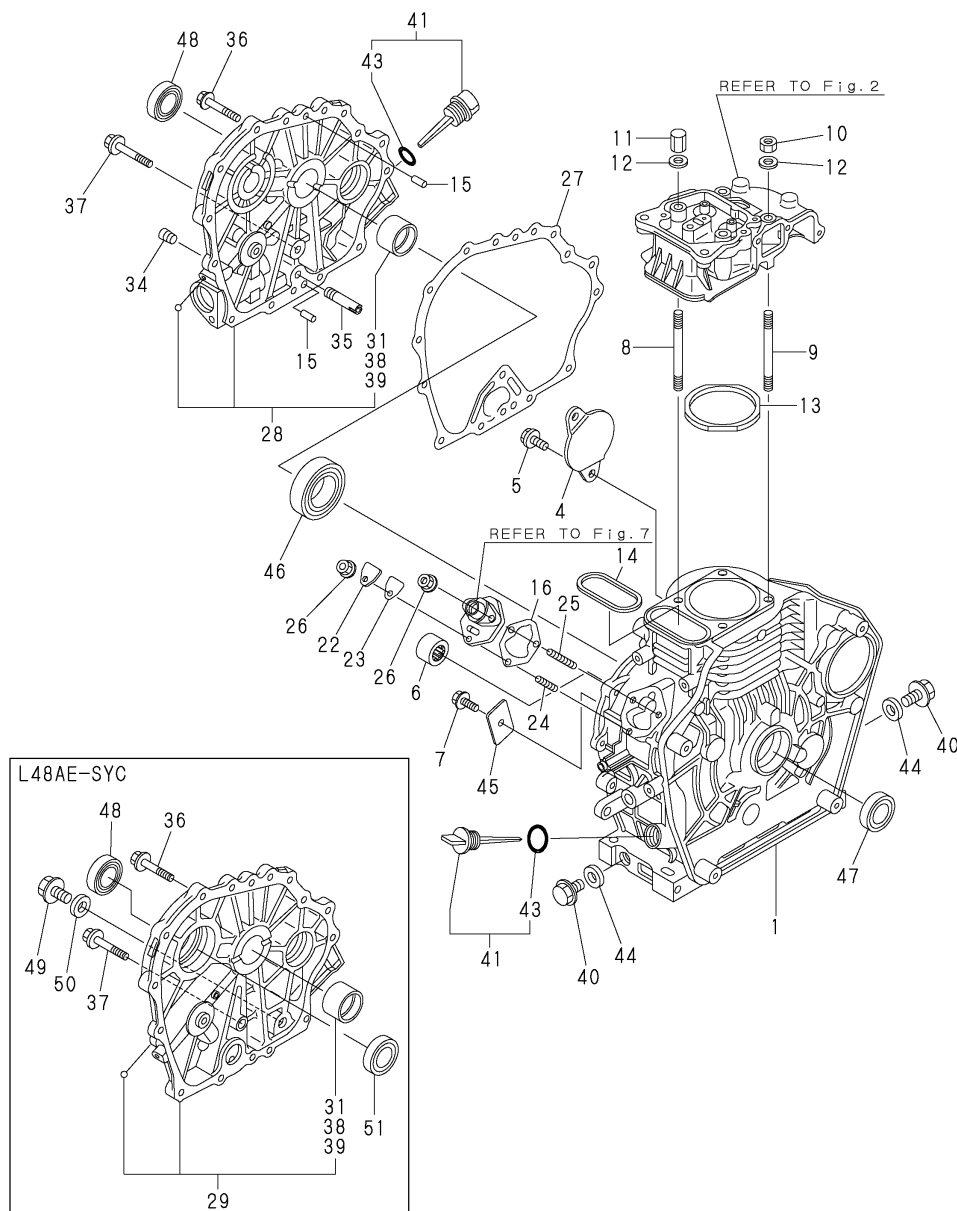
	Parts catalog No.	Date of issue	Remarks
First edition	000Y00R5490	Oct., 2002	

2. This parts catalog does not contain the technical data needed for maintenance service.
3. The illustrations used in this parts catalog have been simplified for clarity.
4. The contents of this parts catalog are subject to change without notice.
5. Be sure to use only Yanmar genuine part for repairs. If imitation parts are used, it may cause engine defects.

Contents

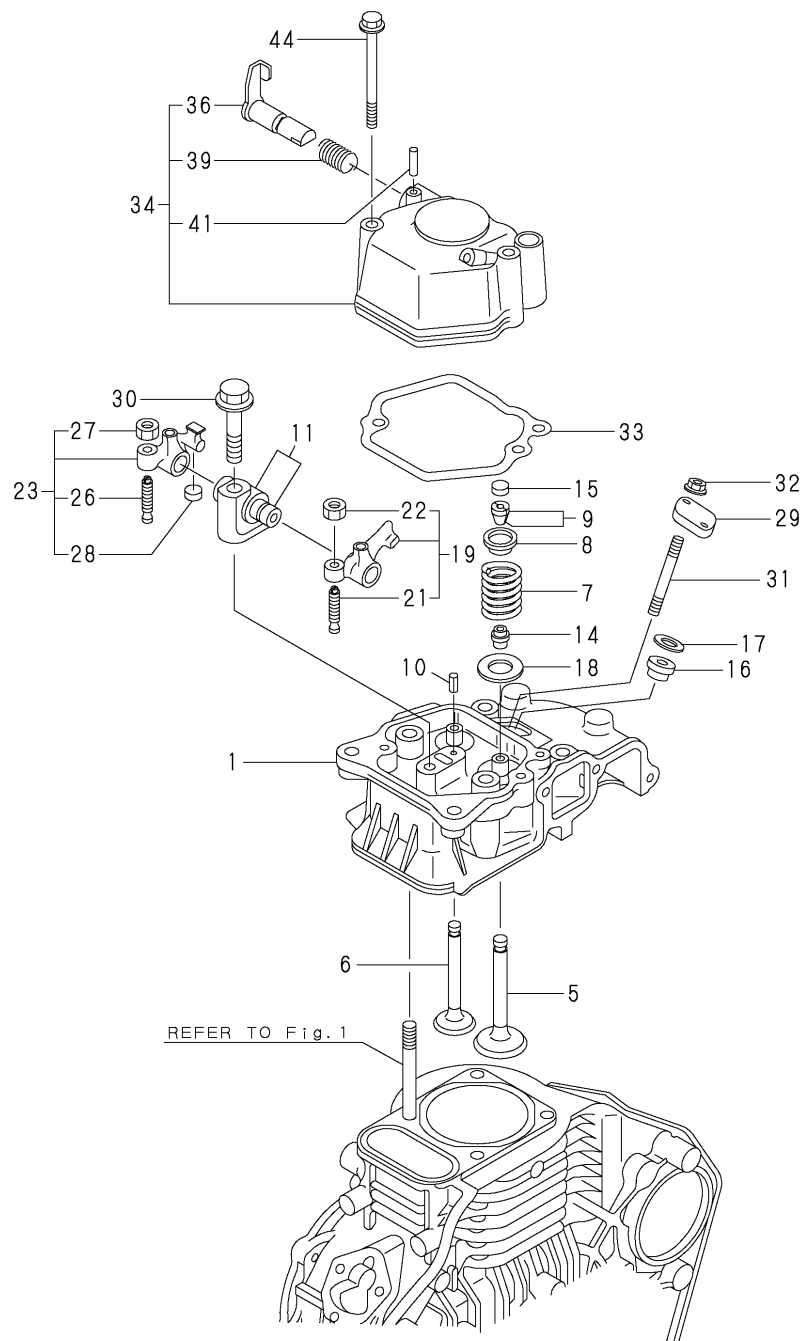
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Fig. No.	Fig. Name	Fig. No.	Fig. Name
L48AE SERIES			
1.	CYLINDER BLOCK		
2.	CYLINDER HEAD & BONNET		
3.	AIR CLEANER & MUFFLER		
4.	CRANKSHAFT,PISTON & CAMSHAFT		
5.	LUB.OIL PUMP & GOVERNOR		
6.	COOLING & STARTING DEVICE		
7.	FUEL INJECTION PUMP		
8.	FUEL TANK & FUEL PIPE		
9.	STARTING MOTOR		
10.	TOOL,LABEL & GASKET SET		

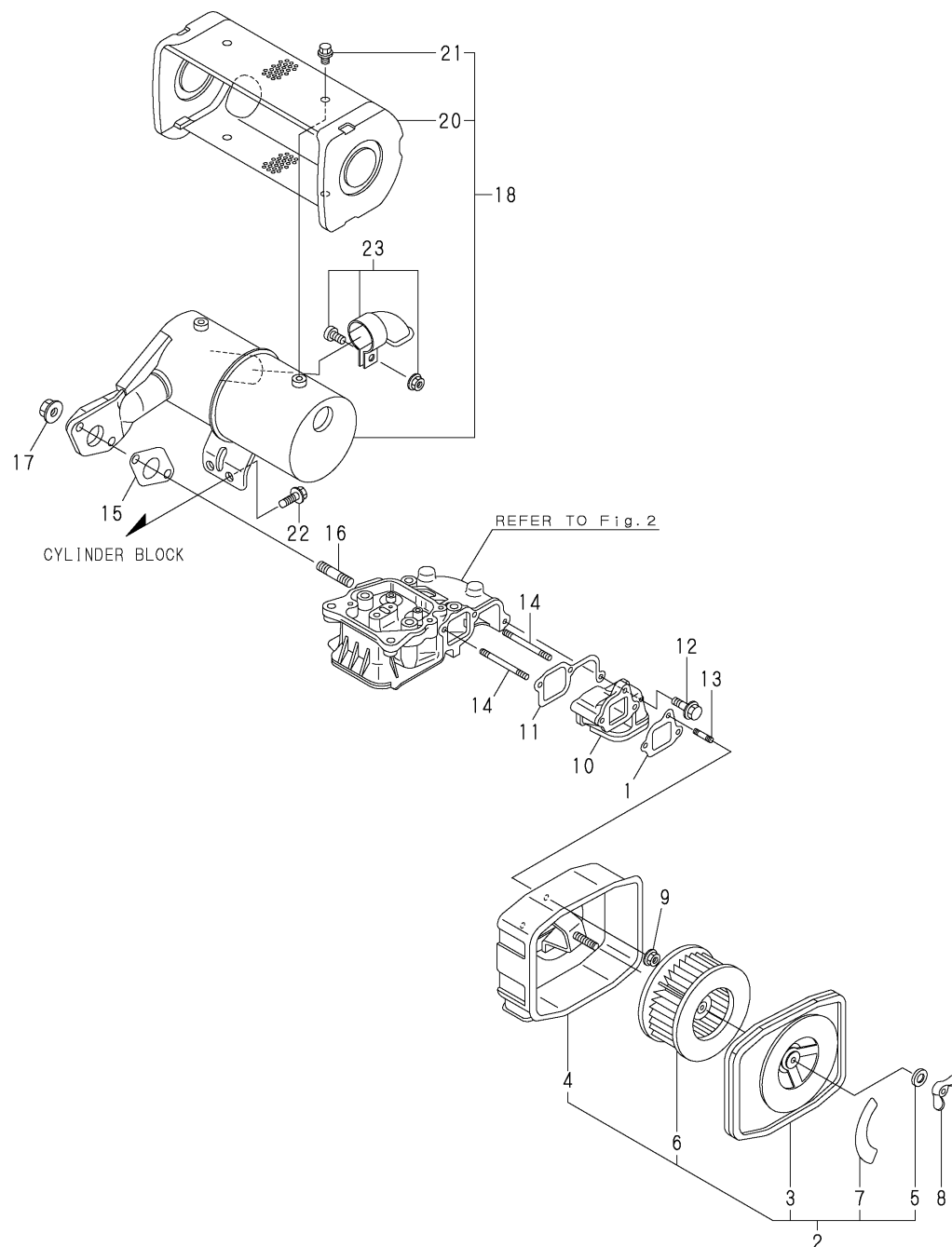


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114299-01050	BLOCK ASSY, CYLINDER	1	1	1	1	1			
4	1	114399-01700	COVER, STARTER	1			1	1			
5	1	26106-100122	BOLT, M10X 12 PLATED	2			2	2			
6	1	24162-152112	BEARING, 152112	1	1	1	1	1			
7	1	26106-080122	BOLT, M8X 12 PLATED	1	1	1	1	1			
8	1	114299-01200	BOLT, HEAD	2	2	2	2	2			
9	1	114299-01210	BOLT, HEAD	2	2	2	2	2			
10	1	114299-01220	NUT, CYLINDER HEAD A	2	2	2	2	2			
11	1	114299-01230	NUT, CYLINDER HEAD B	2	2	2	2	2			
12	1	124950-01250	WASHER	4	4	4	4	4			
13	1	114299-01330	GASKET, HEAD	1	1	1	1	1			
14	1	114299-01380	O-RING	1	1	1	1	1			
15	1	114270-01600	PIN, M8X12	2	2	2	2	2			
16	1	114299-01800	SHIM SET	1	1	1	1	1			
22	1	114299-01830	COVER	1	1	1	1	1			
23	1	114299-01840	GASKET	1	1	1	1	1			
24	1	26226-060182	STUD, M6X 18	1	1	1	1	1			
25	1	26226-060222	STUD, M6X 22	2	2	2	2	2			
26	1	26366-060002	NUT, M6	3	3	3	3	3			
27	1	114299-01410	GASKET, CRANK CASE	1	1	1	1	1			
28	1	114260-01455	COVER, CRANK CASE	1	1	1	1				
29	1	114250-01452	COVER, CRANK CASE						1		
31	2	114250-02100	BEARING, MAIN	1	1	1	1	1		1	
34	1	23876-010000	PLUG, R01	1	1	1	1				
35	1	114299-35150	PIPE, OIL INLET	1	1	1	1				
36	1	26106-060252	BOLT, M6X 25 PLATED	14	14	14	14	14			
37	1	26106-080352	BOLT, M8X 35 PLATED	1	1	1	1	1			
38	1	114250-02200	BEARING, 0.25 US	1	1	1	1	1		2	
39	1	114250-02210	BEARING, 0.50 US	1	1	1	1	1		3	
40	1	105425-01690	PLUG, 16	2	2	2	2	2			
41	1	114299-01760	CAP ASSY	2	2	2	2	2			
43	2	114299-01950	O-RING, 18	2	2	2	2	2			
44	1	22190-160002	WASHER, SEAL 16	2	2	2	2	2			
45	1	114299-02030	RETAINER, BEARING	1	1	1	1	1			
46	1	114250-02113	BEARING, HR6306G3C3	1	1	1	1	1			
47	1	114299-02220	SEAL, OIL	1	1	1	1	1			
48	1	160210-02220	SEAL, 25X41.2X8	1	1	1	1	1			
49	1	105425-01690	PLUG, 16						1		
50	1	22190-160002	WASHER, SEAL 16						1		
51	1	24101-062050	BEARING, BALL 6205C3						1		

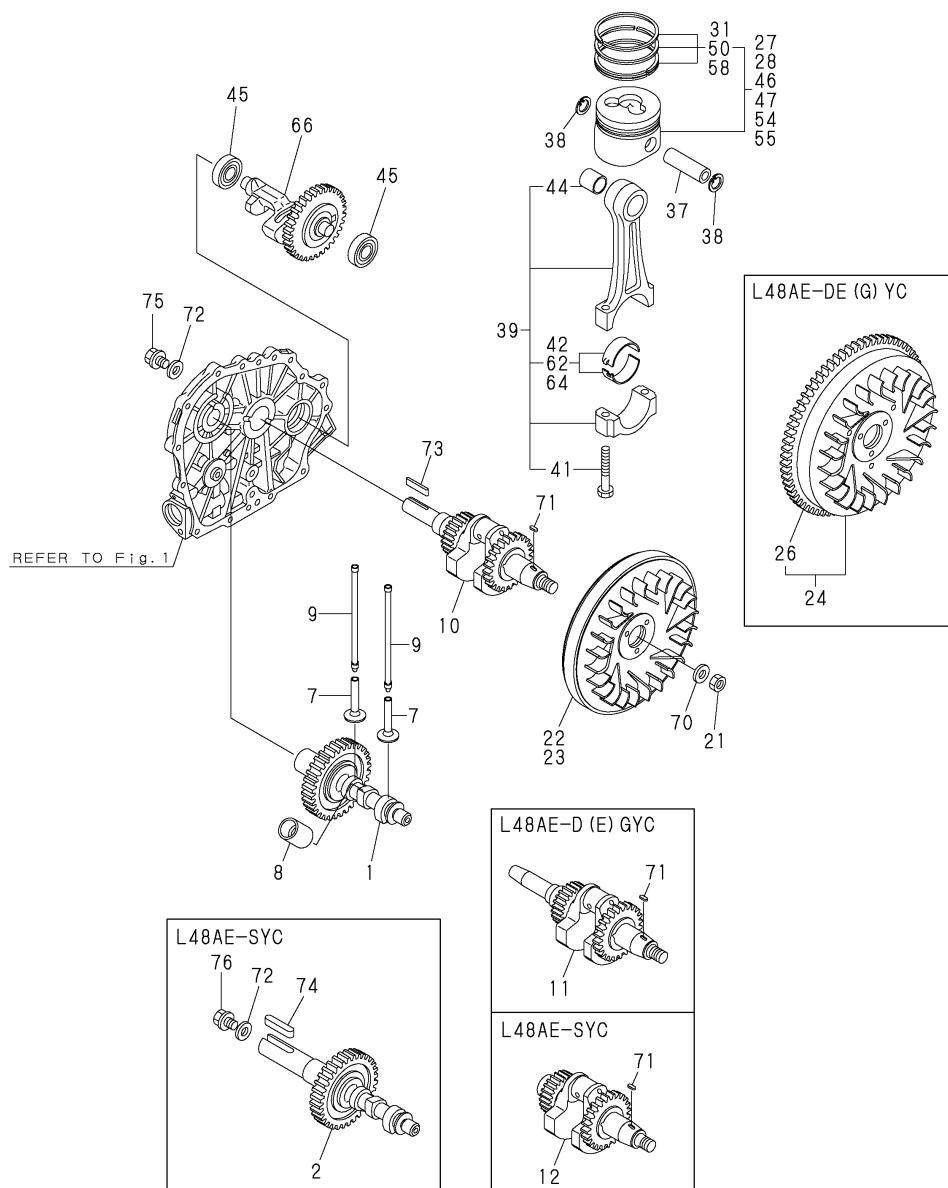
Remarks
(1)REPAIR PART.
(2)UNDER SIZED(U.S.=0.25)PART.
(3)UNDER SIZED(U.S.=0.50)PART.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114770-11020	HEAD ASSY, CYLINDER	1	1	1	1	1			
5	1	114250-11101	VALVE, INTAKE	1	1	1	1	1			
6	1	114250-11113	VALVE, EXHAUST	1	1	1	1	1			
7	1	114299-11120	SPRING, VALVE	2	2	2	2	2			
8	1	114250-11180	RETAINER, SPRING	2	2	2	2	2			
9	1	27310-055001	COTTER, 5.5	2	2	2	2	2			
10	1	22351-040008	PIN, SPRING 4.0X 8	1	1	1	1	1			
11	1	114250-11290	SUPPORT, ROCKER ARM	1	1	1	1	1			
14	1	114250-11340	SEAL, VALVE STEM	2	2	2	2	2			
15	1	119260-11370	CAP, VALVE	1	1	1	1	1			
16	1	114250-11460	GASKET, NOZZLE	1	1	1	1	1			
17	1	114350-11470	SPACER, NOZZLE	1	1	1	1	1			
18	1	114250-11600	WASHER	2	2	2	2	2			
19	1	114250-11651	ARM, ROCKER	1	1	1	1	1			
21	2	114250-11240	SCREW, VALVE ADJUST	1	1	1	1	1			
22	2	26856-060002	NUT, M6	1	1	1	1	1			
23	1	714270-11660	ARM ASSY, ROCKER	1	1	1	1	1			
26	3	114250-11240	SCREW, VALVE ADJUST	1	1	1	1	1			
27	3	26856-060002	NUT, M6	1	1	1	1	1			
28	2	119260-11370	CAP, VALVE	1	1	1	1	1			
29	1	114299-11901	RETAINER, NOZZLE	1	1	1	1	1			
30	1	26106-080452	BOLT, M8X 45 PLATED	1	1	1	1	1			
31	1	26226-060502	STUD, M6X 50	2	2	2	2	2			
32	1	26366-060002	NUT, M6	2	2	2	2	2			
33	1	114250-11311	GASKET, BONNET	1	1	1	1	1			
34	1	114299-11950	BONNET ASSY, HEAD	1	1	1	1	1			
36	2	114250-03591	LEVER ASSY	1	1	1	1	1			
39	2	114250-03640	SPRING, DECOMPRESSION	1	1	1	1	1			
41	2	22312-030160	PIN, PARALLEL M3X16	1	1	1	1	1			
44	1	26106-060552	BOLT, M6X 55 PLATED	2	2	2	2	2			



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114299-12210	GASKET, AIR CLEANER	1	1	1	1	1			
2	1	114250-12570	CLEANER, AIR	1	1	1	1	1			
3	2	114250-12520	COVER, AIR CREAMER	1	1	1	1	1			
4	2	114250-12530	CASE ASSY, CLEANER	1	1	1	1	1			
5	2	114250-12560	WASHER, SEAL M6	1	1	1	1	1			
6	2	114250-12581	ELEMENT	1	1	1	1	1			
7	2	114770-07450	LABEL, AIR CLEANER	1	1	1	1	1			
8	1	114250-12550	NUT, WING M6	1	1	1	1	1			
9	1	114250-12300	NUT	3	3	3	3	3			
10	1	114299-12010	PIPE, AIR INTAKE	1	1	1	1	1			
11	1	114299-12200	GASKET	1	1	1	1	1			
12	1	26106-060252	BOLT, M6X 25 PLATED	1	1	1	1	1			
13	1	26226-060142	STUD, M6X 14	1	1	1	1	1			
14	1	26226-060552	STUD, M6X 55	2	2	2	2	2			
15	1	114299-13200	GASKET, MUFFLER	1	1	1	1	1			
16	1	26216-080182	STUD, M8X 18	2	2	2	2	2			
17	1	26306-080002	NUT, M8	2	2	2	2	2			
18	1	114299-13520	MUFFLER	1	1	1	1	1			
20	2	114299-13700	COVER	1	1	1	1	1			
21	2	26106-060082	BOLT, M6X 8 PLATED	4	4	4	4	4			
22	1	26106-060122	BOLT, M6X 12 PLATED	2	2	2	2	2			
23	1	114299-13800	EXTENSION ASSY	1	1	1	1	1			

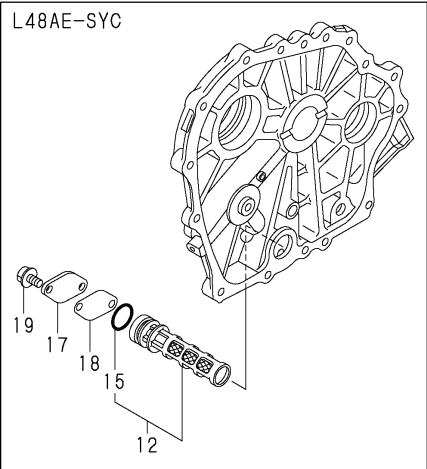


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	714299-14580	CAMSHAFT ASSY	1	1	1	1				
2	1	714770-14670	CAMSHAFT ASSY						1		
7	1	114250-14200	TAPPET	2	2	2	2	2			
8	1	114771-14260	TAPPET	1	1	1	1	1			
9	1	114250-14451	ROD ASSY, PUSH	2	2	2	2	2			
10	1	714288-21700	CRANKSHAFT ASSY	1	1						
11	1	714288-21730	CRANKSHAFT ASSY			1	1				
12	1	714278-21710	CRANKSHAFT ASSY						1		
21	1	114299-21220	NUT	1	1	1	1	1			
22	1	114299-21400	FLYWHEEL	1			1				
23	1	114299-21440	FLYWHEEL						1		
24	1	114299-21590	FLYWHEEL ASSY		1	1					
26	2	114262-21600	GEAR, RING		1	1					
27	1	714780-22721	PISTON ASSY, D	1	1	1	1				
28	1	714770-22721	PISTON ASSY, S						1		
31	2	714770-22501	RING SET, PISTON	1	1	1	1	1			
37	1	114299-22300	PIN, PISTON D=19	1	1	1	1	1			
38	1	22252-000190	RING, 19	2	2	2	2	2			
39	1	71477G-23700	ROD ASSY, CONNECTING	1	1	1	1	1			
41	2	119265-23200	BOLT, CONNECTING ROD	2	2	2	2	2			
42	2	714770-23600	BEARING, CRANK PIN	1	1	1	1	1			
44	2	114770-23100	BEARING, PISTON PIN	1	1	1	1	1			
45	1	24101-062020	BEARING, BALL 6202C3	2	2	2	2	2			
46	1	714780-22621	PISTON ASSY, 0.25 OS	1	1	1	1				1
47	1	714770-22621	PISTON ASSY, 0.25 OS						1		1
50	2	714770-22541	RING SET, 0.25 OS	1	1	1	1	1			1
54	1	714780-22581	PISTON ASSY, 0.50 OS	1	1	1	1				2
55	1	714770-22581	PISTON ASSY, 0.50 OS						1		2
58	2	714770-22551	RING SET, 0.50 OS	1	1	1	1	1			2
62	1	714770-23610	BEARING ASSY, 0.25	1	1	1	1	1			3
64	1	714770-23620	BEARING, 0.50 US	1	1	1	1	1			4
66	1	714770-28511	SHAFT ASSY, BALANCER	1	1	1	1	1			
70	1	114299-21550	WASHER	1	1	1	1	1			
71	1	22512-040120	KEY, 4X 12	1	1	1	1	1			
72	1	160310-14550	WASHER	1	1				1		
73	1	160642-21150	KEY, 4.7X30	1	1						
74	1	22512-050300	KEY, 5X 30						1		
75	1	160642-21250	BOLT, 5/15-24UNF	1	1						
76	1	26106-080202	BOLT, M8X 20 PLATED						1		

Remarks
(1)OVER SIZED(O.S.=0.25)PART.
(2)OVER SIZED(O.S.=0.50)PART.
(3)UNDER SIZED(U.S.=0.25)PART.
(4)UNDER SIZED(U.S.=0.50)PART.

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.5. LUB.OIL PUMP & GOVERNOR



				(A)=L48AE-DYC (B)=L48AE-DEYC (C)=L48AE-DEGYC	(D)=L48AE-DGYC (E)=L48AE-SYC (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114250-32010	PUMP ASSY, OIL	1	1	1	1	1			
7	1	114299-32070	COVER	1	1	1	1	1			
8	1	114299-32570	O-RING	1	1	1	1	1			
9	1	22312-030160	PIN, PARALLEL M3X16	1	1	1	1	1			
10	1	26476-060142	SCREW, TAPPING M6X14	3	3	3	3	3			
11	1	114299-35110	FILTER ASSY, OIL	1	1	1	1				
12	1	114299-35100	FILTER ASSY, OIL							1	
15	2	24341-000224	O-RING, 1AS22.4	1	1	1	1	1			
16	1	26106-060162	BOLT, M6X 16 PLATED	1	1	1	1				
17	1	114250-35250	COVER							1	
18	1	114250-35271	GASKET							1	
19	1	26106-060122	BOLT, M6X 12 PLATED							2	
20	1	714250-61500	LEVER ASSY, GOVERNOR	1	1	1	1	1			
20-1	1	714250-61501	LEVER ASSY, GOVERNOR	1	1	1	1	1			S
		(A="2001.08)	(B="2001.08)	(C="2001.08)	(D="2001.08)	(E="2001.08)					
25	3	22322-030200	PIN, TAPER 3X20	1	1	1	1	1			
26	2	22322-030200	PIN, TAPER 3X20	1	1	1	1	1			
27	1	714299-61700	GOVERNOR ASSY	1	1	1	1	1			
29	2	114299-61210	WEIGHT ASSY,GOVERNOR	1	1	1	1	1			
33	1	114770-61520	BEARING, NEEDLE	2	2	2	2	2			
34	1	114299-61600	SEAL, OIL	1	1	1	1	1			
35	1	114770-61610	WASHER, THRUST	1	1	1	1	1			
36	1	114299-61190	WASHER	1	1	1	1	1			
37	1	114299-66060	HANDLE ASSY	1	1					1	
40	2	26117-050089	BOLT, M5X 8 PLATED	1	1					1	
41	1	114299-66101	BRACKET	1	1					1	
42	1	114252-66252	SPRING, RETURN	1	1					1	
43	1	114299-66440	BOLT, ADJUSTING	1	1					1	
44	1	102100-67080	BOLT, ADJUSTING	1	1					1	
45	1	160725-78350	KNOB	1	1					1	
46	1	26106-060142	BOLT, M6X 14 PLATED	1	1					1	
47	1	26106-060202	BOLT, M6X 20 PLATED	1	1					1	
48	1	26347-060002	NUT, M6	1	1					1	
49	1	26757-060002	NUT, LOCK M6	2	2					2	
50	1	183250-66500	BRACKET ASSY				1	1			
51	2	183250-66070	SHAFT, HANDLE				1	1			
52	2	183250-66100	BRACKET, RADIATOR				1	1			
53	2	183250-66050	HANDLE, REGULATOR				1	1			
54	2	114250-66440	BOLT, ADJUSTING				1	1			
55	2	104200-66820	SPRING				1	1			
56	2	104200-66831	PLATE, FRICTION				2	2			
57	2	104200-66850	WASHER				1	1			
58	2	26696-100002	NUT, LOCK M10				1	1			
59	2	26757-060002	NUT, LOCK M6				1	1			
60	1	26106-060452	BOLT, M6X 45 PLATED				1	1			
61	1	26476-060142	SCREW, TAPPING M6X14				1	1			
62	1	114299-66200	SPRING, RETURN	1	1	1	1	1			
63	1	114250-66550	LIMITER ASSY, FUEL	1	1					1	
64	1	114770-66550	LIMITER ASSY, FUEL				1	1			
70	1	26776-100002	NUT, LOCK M10	1	1	1	1	1			
71	1	135210-61090	LEAD	2	2	2	2	2			

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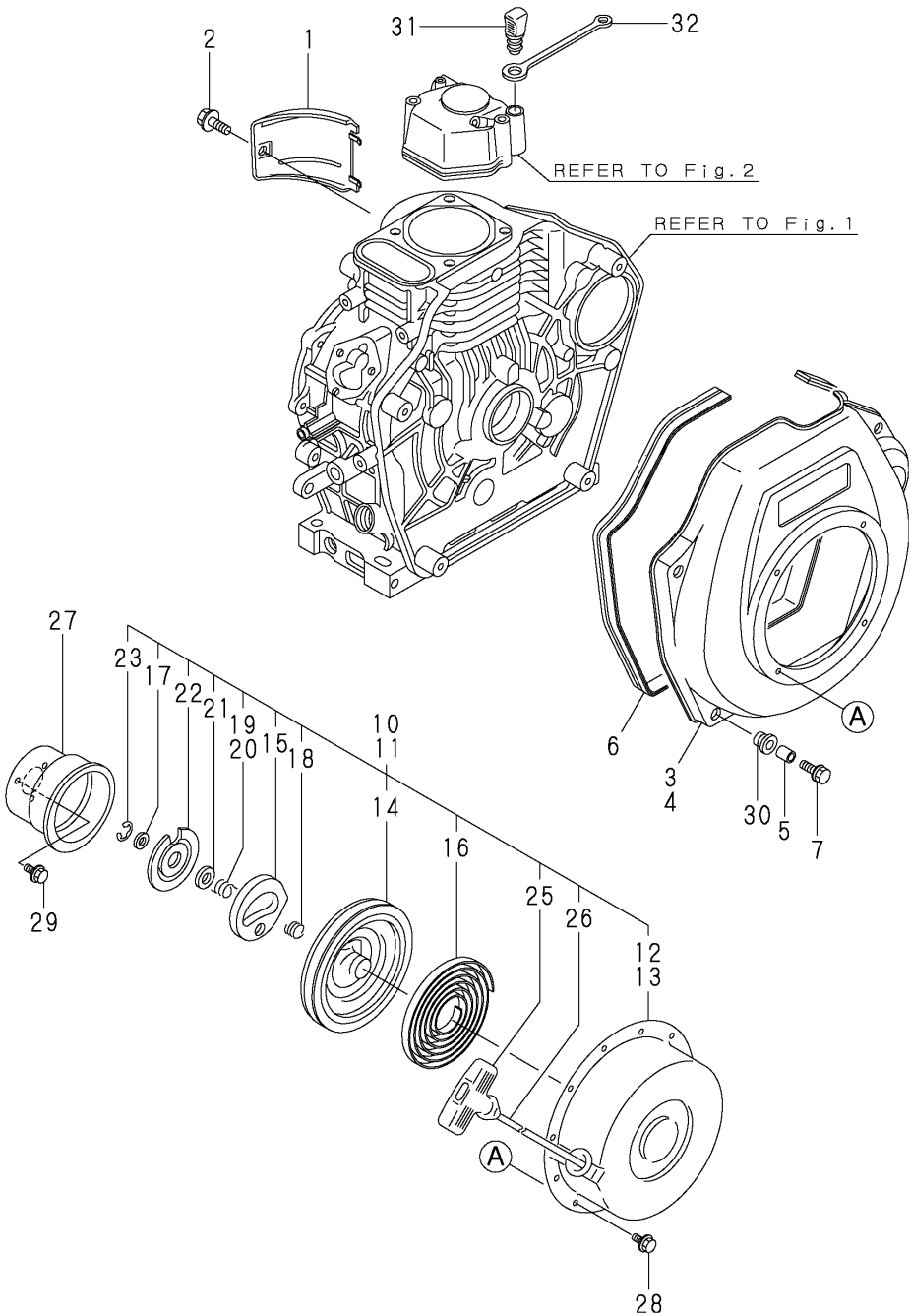


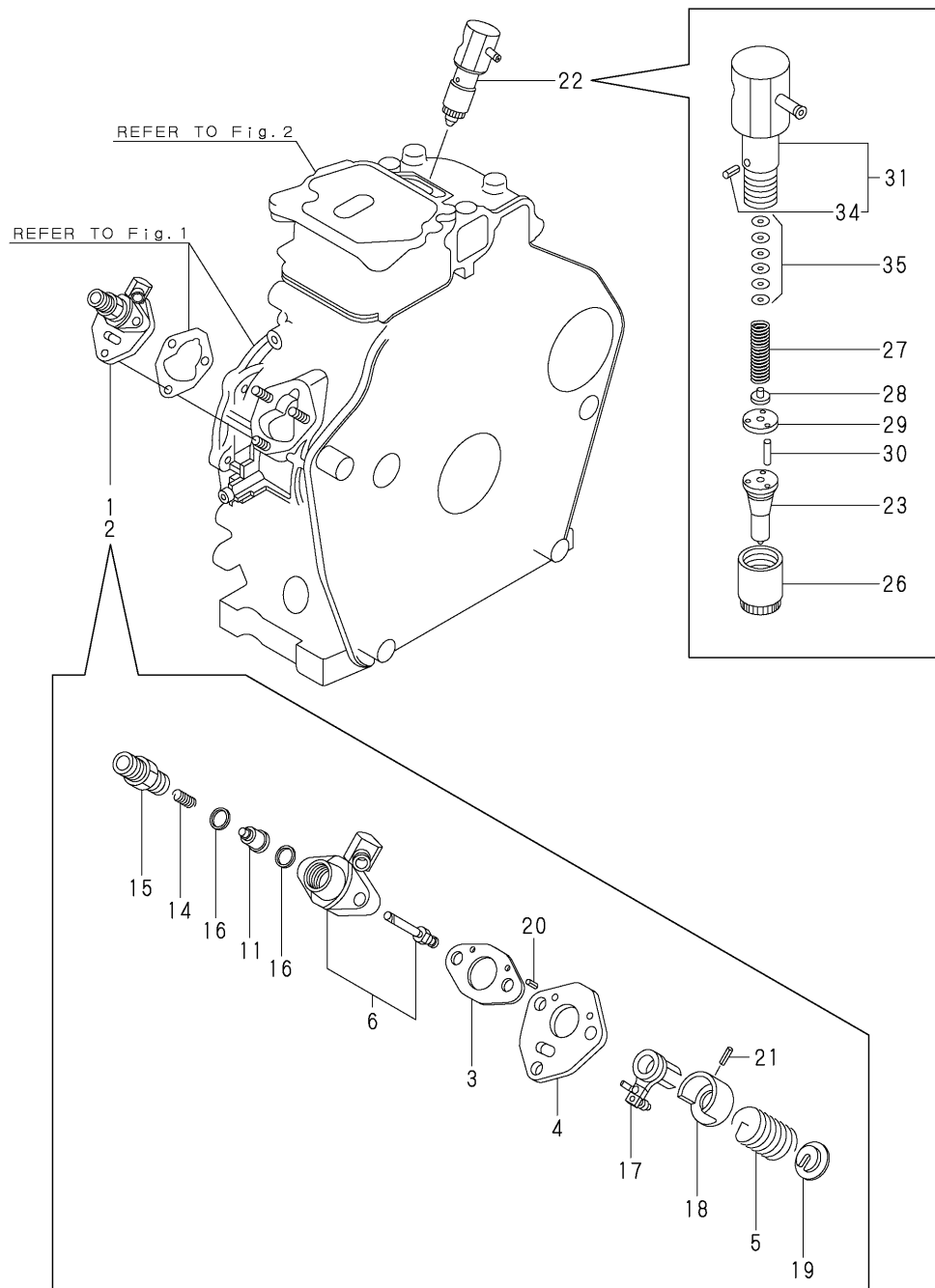
Fig.6. COOLING & STARTING DEVICE

(A)=L48AE-DYC
(B)=L48AE-DEYC
(C)=L48AE-DEGYC

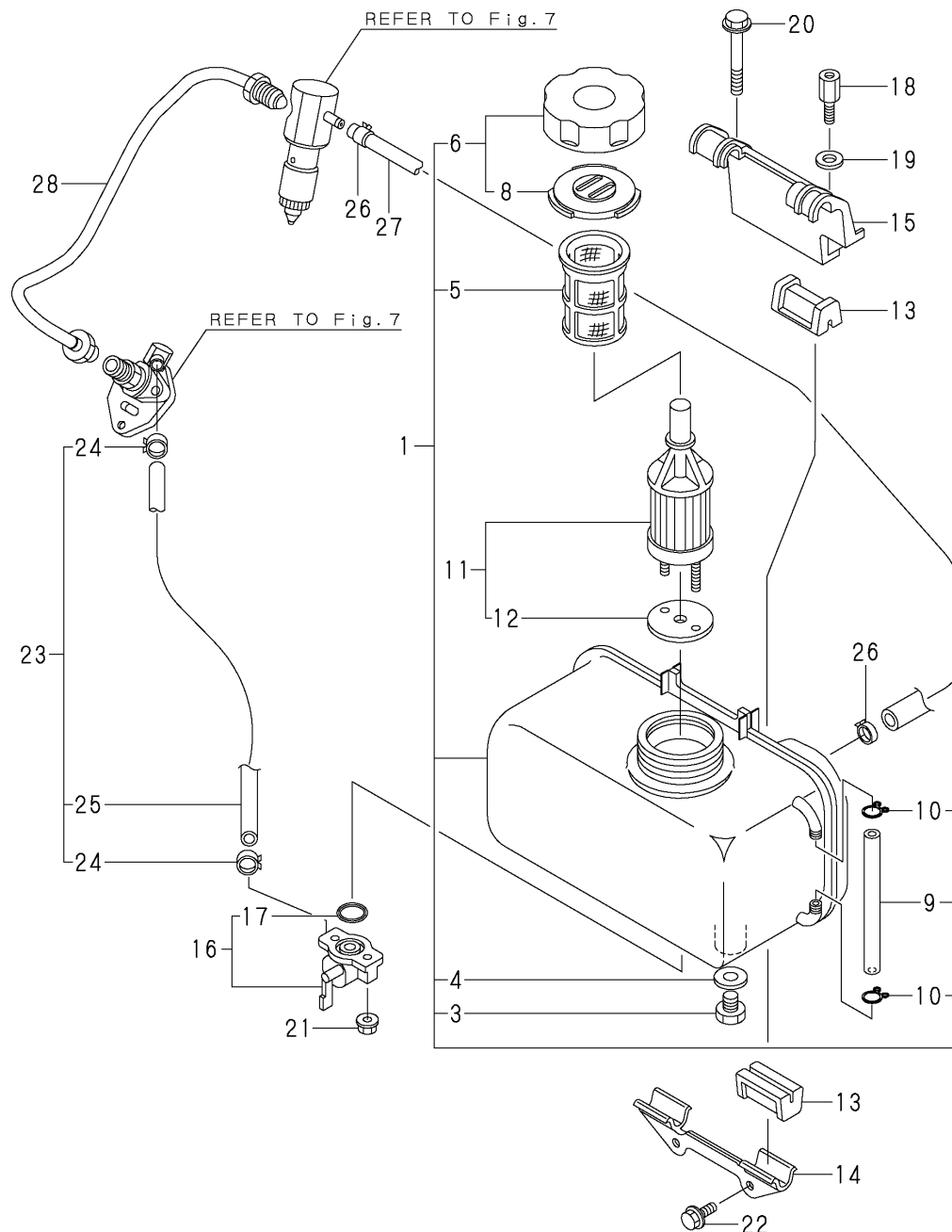
(D)=L48AE-DGYC
(E)=L48AE-SYC
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114299-45210	COVER	1	1	1	1	1			
2	1	26106-060122	BOLT, M6X 12 PLATED	1	1	1	1	1			
3	1	114299-45110	CASE, COOLING FAN	1	1	1	1				
4	1	114778-45100-1	CASE, COOLING FAN							1	
5	1	114299-45310	COLLAR	4	4	4	4	4			
6	1	114250-45330	SEAL, FAN CASE L=875	1	1	1	1	1			
7	1	114370-45351	BOLT	4	4	4	4	4			
10	1	114260-76251	STARTER ASSY, RECOIL	1	1	1	1				
11	1	114250-76251	STARTER ASSY, RECOIL							1	
12	2	114260-76520	CASE, STARTER	1	1	1	1				
13	2	114250-76510	CASE, STARTER							1	
14	2	160260-76520	REEL	1	1	1	1	1			
15	2	160260-76530	RATCHET	1	1	1	1	1			
16	2	160260-76540	SPRING, SPIRAL	1	1	1	1	1			
17	2	160260-76550	WASHER, THRUST	1	1	1	1	1			
18	2	160260-76560	SPRING, FRICTION	1	1	1	1	1			
19	2	160290-76570	SPRING, RETURN	1	1	1	1				
20	2	160260-76570	SPRING, RETURN							1	
21	2	160260-76580	COVER	1	1	1	1	1			
22	2	160260-76590	PLATE, FRICTION	1	1	1	1	1			
23	2	160260-76600	CIRCLIP	1	1	1	1	1			
25	2	114250-76620	KNOB, STARTER	1	1	1	1	1			
26	2	160260-76630	ROPE, STARTER	1	1	1	1	1			
27	1	114250-76590	PULLEY, STARTER	1	1	1	1	1			
28	1	26106-060082	BOLT, M6X 8 PLATED	4	4	4	4	4			
29	1	26106-060122	BOLT, M6X 12 PLATED	3	3	3	3	3			
30	1	114250-45301	ABSORBER	4	4	4	4	4			
31	1	114299-76600	PLUNGER	1	1	1	1	1			
32	1	114299-76610	HOLDER, PLUNGER	1	1	1	1	1			

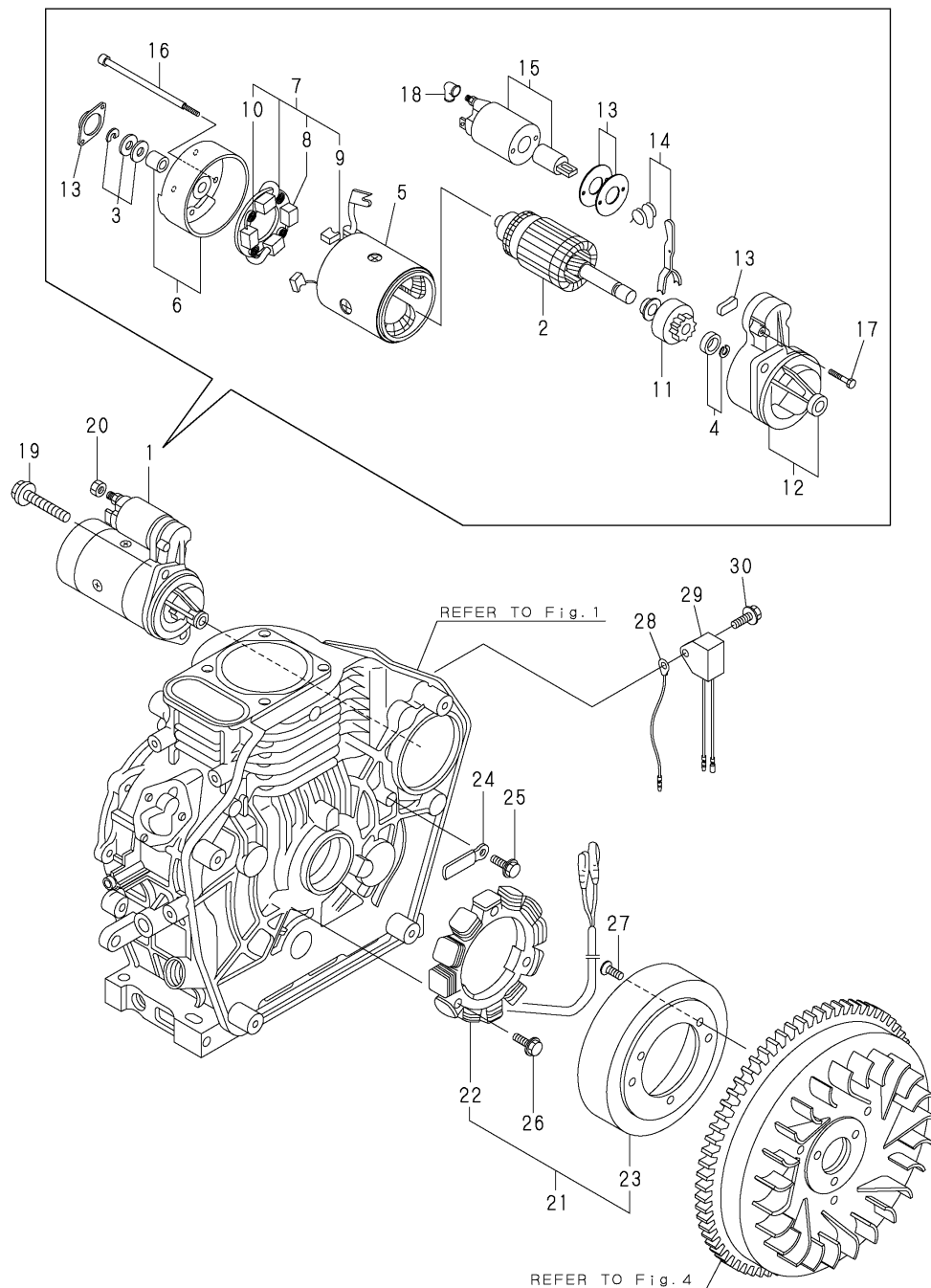




No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	714770-51100	PUMP ASSY, INJECTION	1	1			1			
2	1	714788-51100	PUMP ASSY, INJECTION			1	1				
3	2	105546-51020	GASKET	1	1	1	1	1			
4	2	114250-51080	PLATE	1	1	1	1	1			
5	2	114250-51160	SPRING, PLUNGER	1	1	1	1	1			
6	2	114250-51200	BODY ASSY, PUMP	1	1	1	1	1			
11	2	114250-51300	VALVE ASSY, DELIVERY	1	1	1	1	1			
14	2	105546-51330	SPRING, DELIVERY	1	1	1	1	1			
15	2	114250-51340	HOLDER, DELIVERY	1	1	1	1	1			
16	2	124550-51350	GASKET, DELIVERY	2	2	2	2	2			
17	2	114250-51600	LEVER ASSY, CONTROL	1	1	1	1	1			
18	2	114250-51640	SEAT, SPRING A	1	1	1	1	1			
19	2	114250-51650	SEAT, SPRING B	1	1	1	1	1			
20	2	22351-020006	PIN, SPRING 2.0X 6	2	2	2	2	2			
21	2	22351-030008	PIN, SPRING 3.0X 8	1	1	1	1	1			
22	1	714250-53101	VALVE ASSY,INJECTION	1	1	1	1	1			
23	2	114250-53001	NOZZLE ASSY	1	1	1	1	1			
26	2	114250-53080	NUT, NOZZLE D16.95	1	1	1	1	1			
27	2	114250-53120	SPRING, NOZZLE	1	1	1	1	1			
28	2	114250-53130	SEAT, SPRING	1	1	1	1	1			
29	2	114250-53140	PLATE	1	1	1	1	1			
30	2	114250-53210	PIN	2	2	2	2	2			
31	2	114250-53300	HOLDER ASSY, NOZZLE	1	1	1	1	1			
34	3	114250-53331	PIN	1	1	1	1	1			
35	2	114250-53400	SHIM SET	1	1	1	1	1			

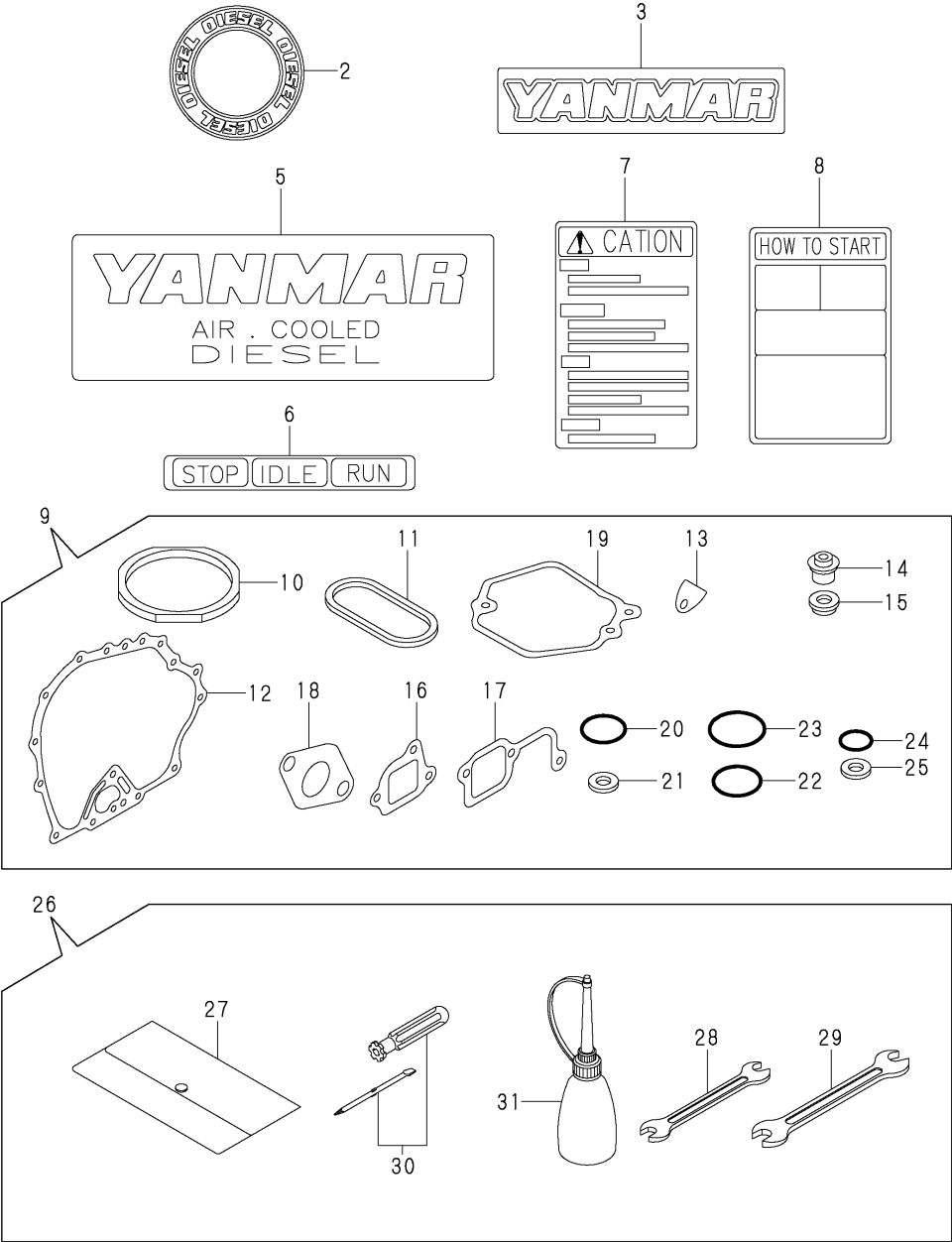


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	714299-55300	TANK ASSY, FUEL	1	1	1	1	1			
3	3	105300-55080	PLUG, 8	1	1	1	1	1			
4	3	23414-080000	GASKET, 8X1.0	1	1	1	1	1			
5	2	114250-55100	FILTER, FUEL	1	1	1	1	1			
6	2	114288-55041	CAP ASSY	1	1	1	1	1			
8	3	114288-55081	VALVE	1	1	1	1	1			
9	2	114250-55150	GAUGE, LEVEL	1	1	1	1	1			
10	2	114299-55450	CLIP, HOSE 7	2	2	2	2	2			
11	1	114250-55121	FILTER ASSY, FUEL	1	1	1	1	1			
12	2	114250-55130	GASKET	1	1	1	1	1			
13	1	114299-55201	DAMPER, FUEL TANK	4	4	4	4	4			
14	1	114299-55210	STAY, FUEL TANK	1	1	1	1	1			
15	1	114299-55230	STAY, FUEL TANK	1	1	1	1	1			
16	1	114250-55301	COCK ASSY, FUEL	1	1	1	1	1			
17	2	24341-000150	O-RING, 1AS15.0	1	1	1	1	1			
18	1	114650-55810	BOLT	1	1	1	1	1			
19	1	22117-080000	WASHER, 8	1	1	1	1	1			
20	1	26106-080452	BOLT, M8X 45 PLATED	1	1	1	1	1			
21	1	26366-060002	NUT, M6	2	2	2	2	2			
22	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2	2	2			
23	1	114770-59030	PIPE ASSY, FUEL	1	1	1	1	1			
24	2	114270-59010	CLIP, HOSE 12	2	2	2	2	2			
25	2	114268-59061	PIPE, FUEL L=50	1	1	1	1	1			
26	1	124722-59050	CLIP, HOSE 9	2	2	2	2	2			
27	1	114250-59060	PIPE, FUEL RETURN	1	1	1	1	1			
28	1	114250-59800	PIPE ASSY, INJECTION	1	1	1	1	1			



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	114362-77011	STARTER(S114-651A)		1	1					
2	2	114381-77110	ARMATURE		1	1					
3	2	X2114811000	WASHER KIT, THRUST		1	1					
4	2	X2114715500	STOPPER SET, PINION		1	1					
5	2	114381-77130	COIL ASSY, FIELD		1	1					
6	2	114381-77140	COVER, REAR		1	1					
7	2	114371-77160	HOLDER ASSY, BRUSH		1	1					
8	3	114371-79040	BRUSH (-)		2	2					
9	3	114371-79050	BRUSH (+)		1	1					
10	3	114371-79060	SPRING, BRUSH		4	4					
11	2	X211485016	PINION ASSY		1	1					
12	2	114381-77151	HOUSING ASSY, GEAR		1	1					
13	2	114371-77170	COVER KIT, DUST		1	1					
14	2	114371-77180	LEVER KIT, SHIFT		1	1					
15	2	124298-77020	SWITCH, MAGNETIC		1	1					
16	2	124195-77770	THROUGH BOLT		2	2					
17	2	114371-79070	BOLT M 6X 37		2	2					
18	2	X2114274200	COVER (A), RUBBER		1	1					
19	1	26106-100302	BOLT, M10X 30 PLATED		2	2					
20	1	26716-080002	NUT, M8		1	1					
21	1	114399-78250	DYNAMO ASSY		1	1					
22	2	114399-78710	STATOR ASSY		1	1					
23	2	114399-78720	WHEEL, DYNAMO		1	1					
24	1	160710-78710	CLAMP, CORD		1	1					
25	1	26106-060122	BOLT, M6X 12 PLATED		1	1					
26	1	26106-060202	BOLT, M6X 20 PLATED		3	3					
27	1	26577-060142	SCREW M 6X 14		3	3					
28	1	183350-77400	WIRE, LEAD		1	1					
29	1	160970-77350	RECTIFIER, ZR2117		1	1					
30	1	26106-060122	BOLT, M6X 12 PLATED		1	1					

Fig.10. TOOL,LABEL & GASKET SET



Remarks
(1)OPTIONAL

				OCR10-M54900 Fig.10							
				(A)=L48AE-DYC (B)=L48AE-DEYC (C)=L48AE-DEGYC	(D)=L48AE-DGYC (E)=L48AE-SYC (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	114299-07160	LABEL, DIESEL	1	1	1	1	1			
3	1	114299-07110	LABEL, YANMAR	1	1	1	1	1			
5	1	114299-07100	LABEL, AIR COOLED	1	1	1	1	1			
6	1	183250-07230	LABEL, OPERATION			1	1				
7	1	114299-07120	LABEL, CAUTION	1	1	1	1	1			
8	1	114299-07140	LABEL, HOW TO START	1	1	1	1	1			
9	1	714299-92610	GASKET SET	1	1	1	1	1			1
10	2	114299-01330	GASKET, HEAD	1	1	1	1	1			
11	2	114299-01380	O-RING	1	1	1	1	1			
12	2	114299-01410	GASKET, CRANK CASE	1	1	1	1	1			
13	2	114299-01840	GASKET	1	1	1	1	1			
14	2	114250-11340	SEAL, VALVE STEM	2	2	2	2	2			
15	2	114250-11460	GASKET, NOZZLE	1	1	1	1	1			
16	2	114299-12210	GASKET, AIR CLEANER	1	1	1	1	1			
17	2	114299-12200	GASKET	1	1	1	1	1			
18	2	114299-13200	GASKET, MUFFLER	1	1	1	1	1			
19	2	114250-11311	GASKET, BONNET	1	1	1	1	1			
20	2	114299-01950	O-RING, 18	2	2	2	2	2			
21	2	22190-160002	WASHER, SEAL 16	2	2	2	2	2			
22	2	24341-000224	O-RING, 1AS22.4	1	1	1	1	1			
23	2	114299-32570	O-RING	1	1	1	1	1			
24	1	24341-000150	O-RING, 1AS15.0	1	1	1	1	1			
25	1	23414-080000	GASKET, 8X1.0	1	1	1	1	1			
26	1	114299-92590	BOX, TOOL	1	1	1	1	1			
27	2	114299-92600	BAG, TOOL	1	1	1	1	1			
28	2	114299-92710	WRENCH	1	1	1	1	1			
29	2	114299-92720	WRENCH	1	1	1	1	1			
30	2	114299-92730	DRIVER	1	1	1	1	1			
31	2	114299-92740	DIPSTICK	1	1	1	1	1			

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105425-01690	1	40
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105546-51020	7	3
105546-51330	7	14
114250-01452	1	29
114250-02100	1	31
114250-02113	1	46
114250-02200	1	38
114250-02210	1	39
114250-03591	2	36
114250-03640	2	39
114250-11101	2	5
114250-11113	2	6
114250-11180	2	8
114250-11240	2	21
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114250-11290	2	11
114250-11311	2	33
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114250-11460	2	16
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114250-11600	2	18
114250-11651	2	19
114250-12300	3	9
114250-12520	3	3
114250-12530	3	4
114250-12550	3	8
114250-12560	3	5
114250-12570	3	2
114250-12581	3	6
114250-14200	4	7
114250-14451	4	9
114250-32010	5	1
114250-35250	5	17
114250-35271	5	18
114250-45301	6	30
114250-45330	6	6
114250-51080	7	4
114250-51160	7	5
114250-51200	7	6
114250-51300	7	11
114250-51340	7	15
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114250-53210	7	30
114250-53300	7	31
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114250-55121	8	11
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114250-55301	8	16
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114250-59800	8	28
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114250-76251	6	11
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114268-59061	8	25
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114270-59010	8	24
114288-55041	8	6
114288-55081	8	8
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114299-01760	1	41
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114299-01830	1	22
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114299-07140	10	8
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114299-32570	5	8
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114299-55450	8	10
114299-61190	5	36
114299-61210	5	29
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114299-92730	10	30
114299-92740	10	31
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114371-77180	9	14
114371-79040	9	8
114371-79050	9	9
114371-79060	9	10
114371-79070	9	17
114381-77110	9	2
114381-77130	9	5
114381-77140	9	6
114381-77151	9	12
114399-01700	1	4
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114399-78710	9	22
114399-78720	9	23
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114770-23100	4	44
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114770-61610	5	35
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119265-23200	4	41
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124298-77020	9	15
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124722-59050	8	26
124950-01250	1	12
135210-61090	5	71
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24162-152112	1	6
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26106-100302	9	19
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26226-060182	1	24
26226-060222	1	25
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26226-060552	3	14
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26347-060002	5	48
26366-060002	1	26
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26716-080002	9	20
26757-060002	5	49
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