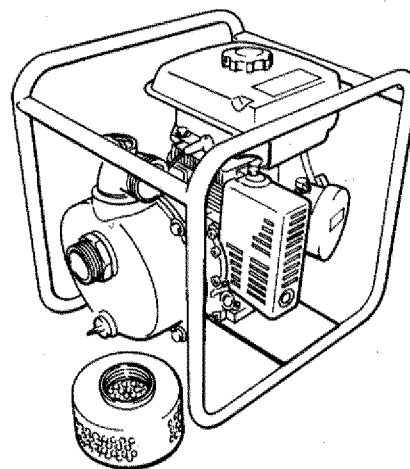
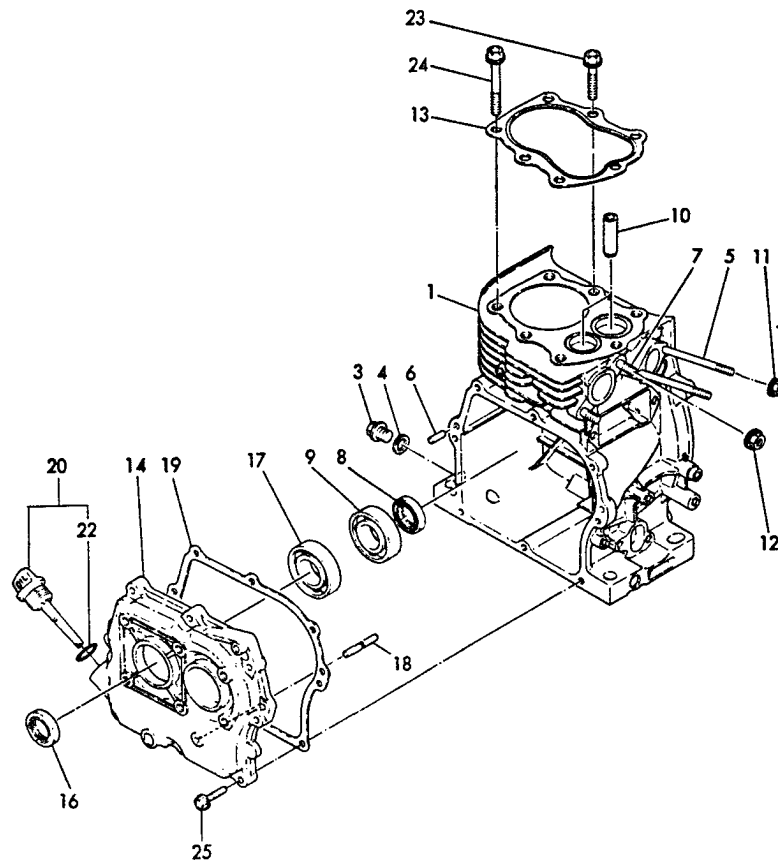




TRASH PUMP PARTS MANUAL MODEL TP-3000



1 CYLINDER BLOCK



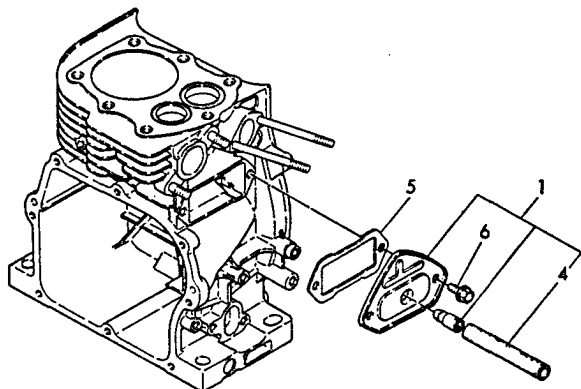
1B02
(1B01)

(1) CYLINDER BLOCK

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.		Y 760770-01560	BLOCK ASSY, CYLINDER	1					
3	..		Y 160610-01690	PLUG, DRAIN	1					
4	..		Y 104200-59170	GASKET	1					
5	..		Y 160610-04570	BOLT M6 X 70	2					
6	..		Y 223120-60160	PARALLEL PIN 6 X 16	2					
7	..		Y 262160-80182	STUD M8 X 18 PLATED	2					
8	..		*REF. 7=7	OIL SEAL	1					
9	..		*REF. 7=8	BEARING 6205 C3	1					
10	..		*REF. 4=6	GUIDE, VALVE	2					
11	..		*REF. 5=10	NUT M6	2					
12	..		*REF. 5=16	NUT M8	2					
13	.		Y 160710-01330	GASKET, CYL. HEAD	1					
14	.		Y 760740-01510	COVER ASSY, SIDE	1					
16	..		*REF. 7=7	OIL SEAL	1					
17	..		*REF. 7=8	BEARING 6205 C3	1					
18	..		*REF. 13=1	SHAFT, GOVERNOR	1					
19	.		Y 160710-01410	GASKET, SIDE COVER	1					
20	.		Y 160710-01760	CAP ASSY	1					
22	..		Y 243110-00180	O-RING 1A P-18.0	1					
23	.		Y 160610-04172	BOLT M8 X 38	4					
24	.		Y 160610-04211	BOLT M8 X 65	3					
25	.		Y 264760-60252	BOLT M6 X 25	8					

2 BREATHER



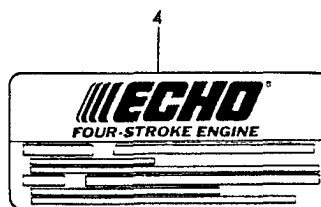
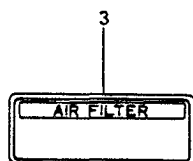
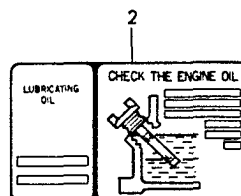
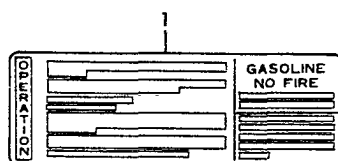
1B03
(1B01)

(2) BREATHER

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.		Y 160710-03010	BREATHER ASSY	1					
4	..		Y 160710-03180	PIPE, BREATHER	1					
5	.		Y 160710-03070	GASKET, BREATHER	1					
6	.		Y 264760-60142	BOLT M6 X 14	2					

3 LABEL



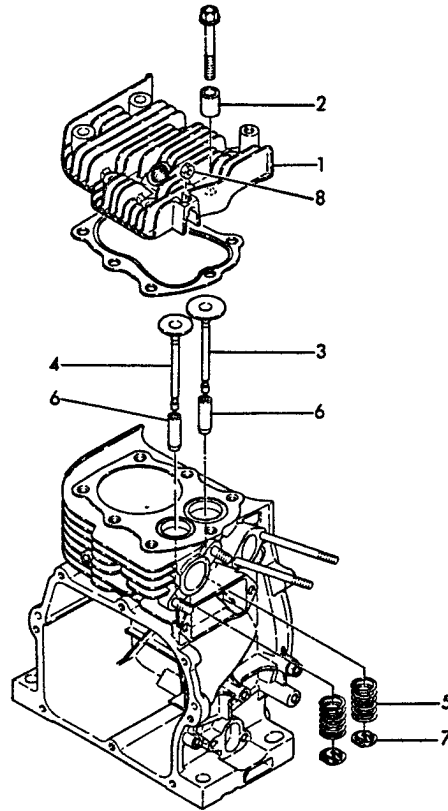
1B04
(1B01)

(3) LABEL

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.		Y 160611-07250	LABEL, OPERATION	1					
2	.		Y 160611-07260	LABEL, OIL	1					
3	.		Y 183210-07370	LABEL, AIR CLEANER	1					
4	.		Y 160671-07371	LABEL (ECHO)	1					

4 CYLINDER HEAD



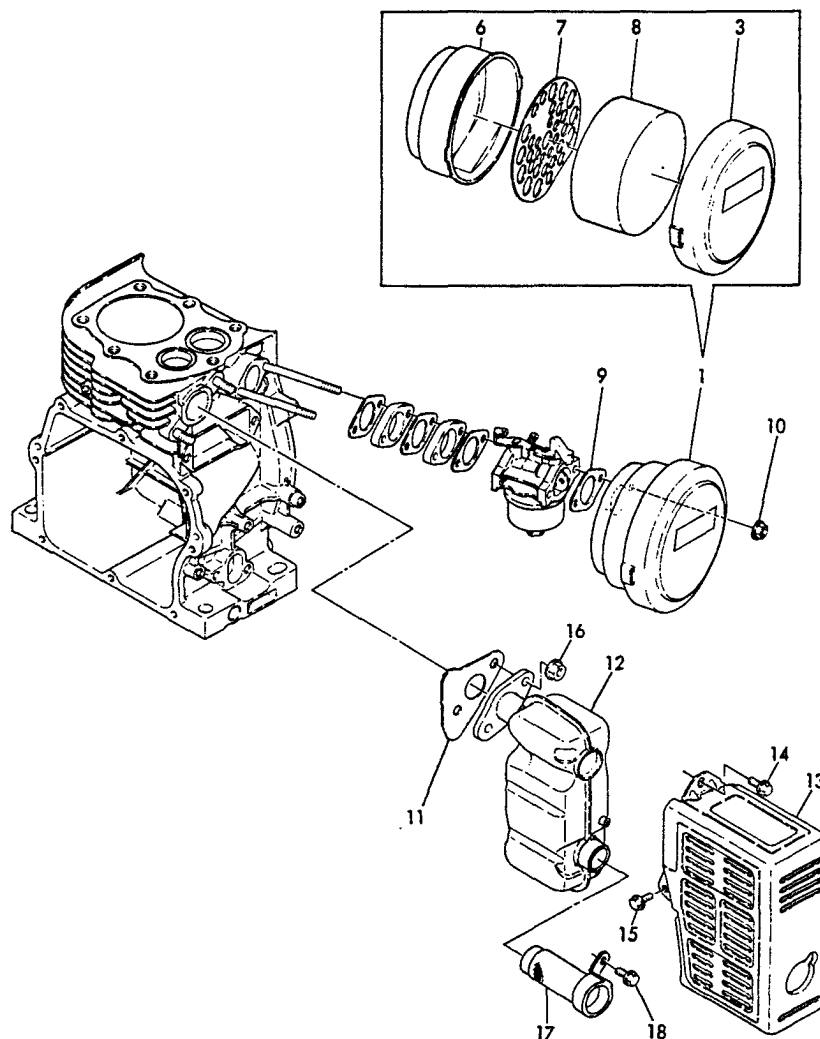
1B05
(1B01)

(4) CYLINDER HEAD

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.	Y	160710-11010	HEAD, CYLINDER	1					
2	.	Y	160710-11050	SPACER, HEAD	1					
3	.	Y	160710-11100	VALVE, SUCTION	1					
4	.	Y	160710-11110	VALVE, EXHAUST	1					
5	.	Y	160710-11120	SPRING, VALVE	2					
6	.	Y	160611-11800	GUIDE, VALVE	2					
7	.	Y	160610-11180	RETAINER, SPRING	2					
8	.	Y	267560-60002	LOCK NUT M6 PLATED	1					

5 AIR CLEANER & MUFFLER



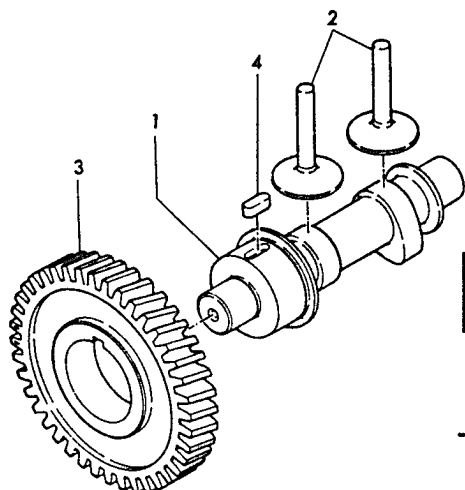
1B06
(1B01)

(5) AIR CLEANER & MUFFLER

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.	Y	760710-12571	CLEANER ASSY, AIR	1					
3	..	Y	760710-12540	CAP ASSY, CLEANER	1					
6	..	Y	160710-12540	BODY, AIR CLEANER	1					
7	..	Y	160710-12550	HOLDER, ELEMENT	1					
8	..	Y	160260-12570	ELEMENT, AIR CLEANER	1					
9	.	Y	160610-56150	GASKET, CARBURETOR	1					
10	.	Y	263660-60002	U-NUT M6	2					
11	.	Y	160710-13200	GASKET, MUFFLER	1					
12	.	Y	160740-13500	MUFFLER	1					
13	.	Y	160740-13820	COVER, MUFFLER	1					
14	.	Y	261060-60122	BOLT M6 X 12	1					
15	.	Y	264760-60142	BOLT M6 X 14	2					
16	.	Y	263660-80002	U-NUT M8	2					
17	.	Y	160770-13650	ARRESTOR, SPARK	1					
18	.	Y	261060-60102	BOLT M6 X 10	1					

6 CAMSHAFT



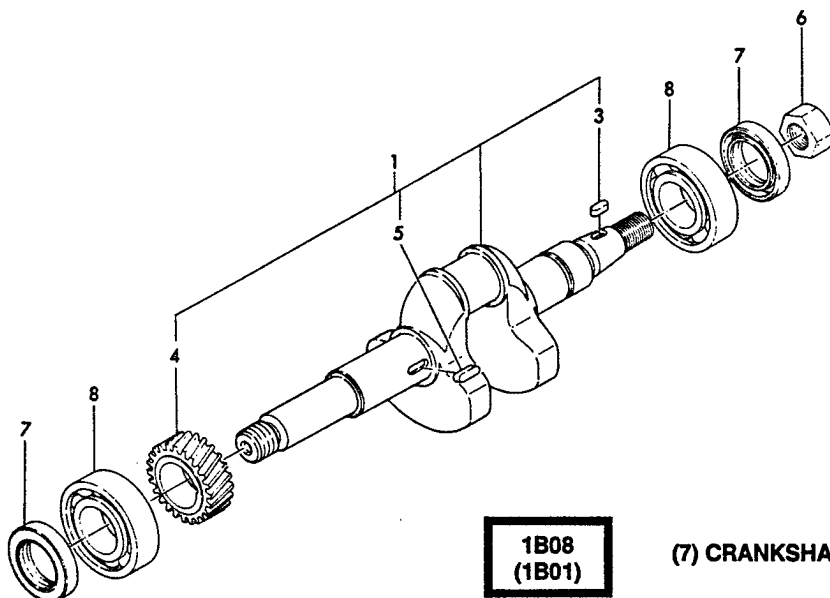
1B07
(1B01)

(6) CAMSHAFT

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.		Y 160740-14011	CAMSHAFT	1					
2	.		Y 160710-14200	TAPPET	2					
3	.		Y 160710-95010	GEAR, CAMSHAFT	1					
4	.		Y 225120-40120	KEY 4 X 12	1					

7 CRANKSHAFT & MAIN BEARING



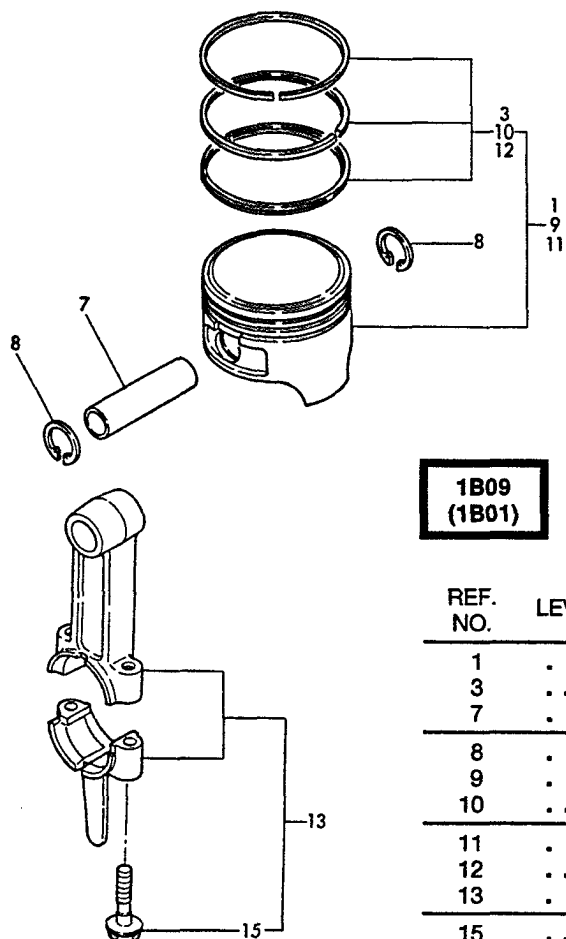
1B08
(1B01)

(7) CRANKSHAFT & MAIN BEARING

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.		Y 760742-21740	CRANKSHAFT ASSY	1					
3	..		Y 160610-21290	KEY 4 X 10	1					
4	..		Y 160710-95020	GEAR, CRANKSHAFT	1					
5	..		Y 225120-40120	KEY 4 X 12	1					
6	.		Y 160610-04910	NUT M14, FLYWHEEL	1					
7	.		Y 160210-02220	SEAL, OIL	2					
8	.		Y 241010-62050	BALL BEARING	2					

8 PISTON & CONNECTING ROD



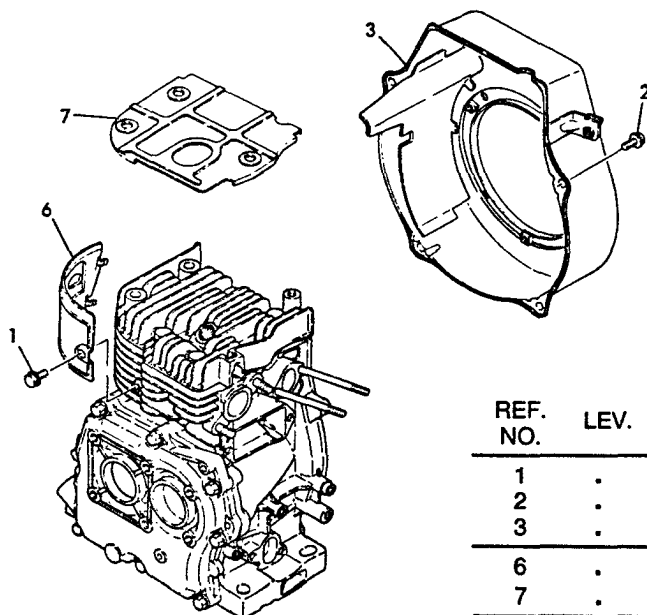
**1B09
(1B01)**

(8) PISTON & CONNECTING ROD

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.		Y 160710-22011	PISTON W/RINGS	1					
3	..		Y 760710-22500	RING SET, PISTON	1					
7	.		Y 160710-22300	PIN, PISTON	1					
8	.		Y 222520-00160	CIRCLIP 16	2					
9	.		Y 160710-22470	PISTON ASSY O.S=0.25	1					
10	..		Y 760710-22540	RING SET O.S=0.25	1					
11	.		Y 160710-22480	PISTON ASSY O.S=0.5	1					
12	..		Y 760710-22550	RING SET, O.S=0.5	1					
13	.		Y 760710-23101	ROD ASSY, CONNECTING	1					
15	..		Y 160710-23201	BOLT, ROD	2					

9 COOLING FAN CASE



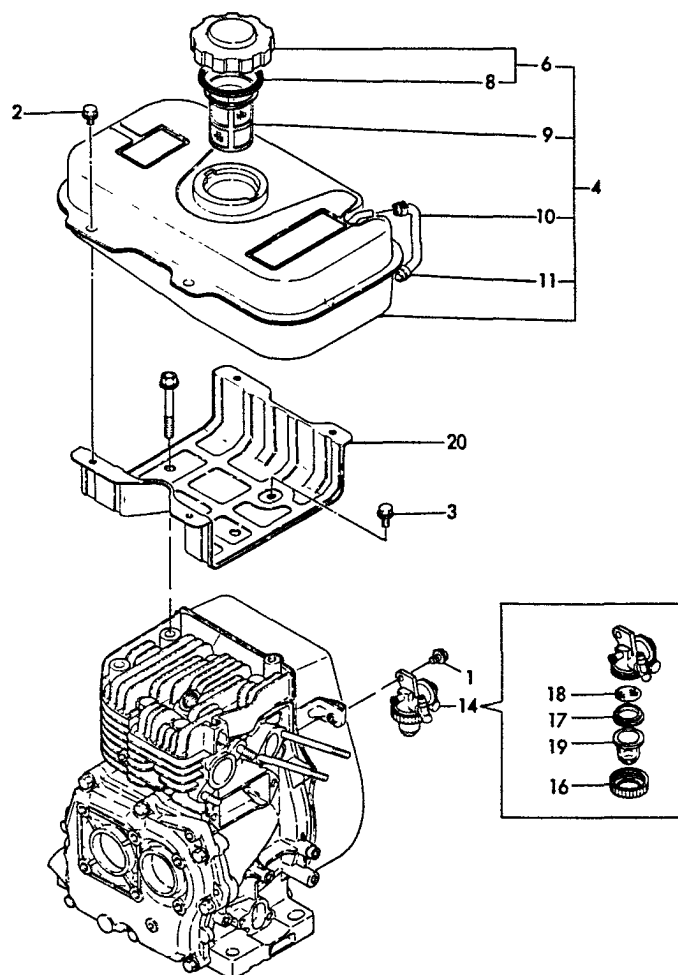
**1B10
(1B01)**

(9) COOLING FAN CASE

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.		Y 264760-60142	BOLT M6 X 14	1					
2	.		Y 264760-60142	BOLT M6 X 14	4					
3	.		Y 760740-45611	CASE ASSY, FAN	1					
6	.		Y 160710-45201	PLATE	1					
7	.		Y 160710-45250	COVER, HEAD	1					

10 FUEL TANK



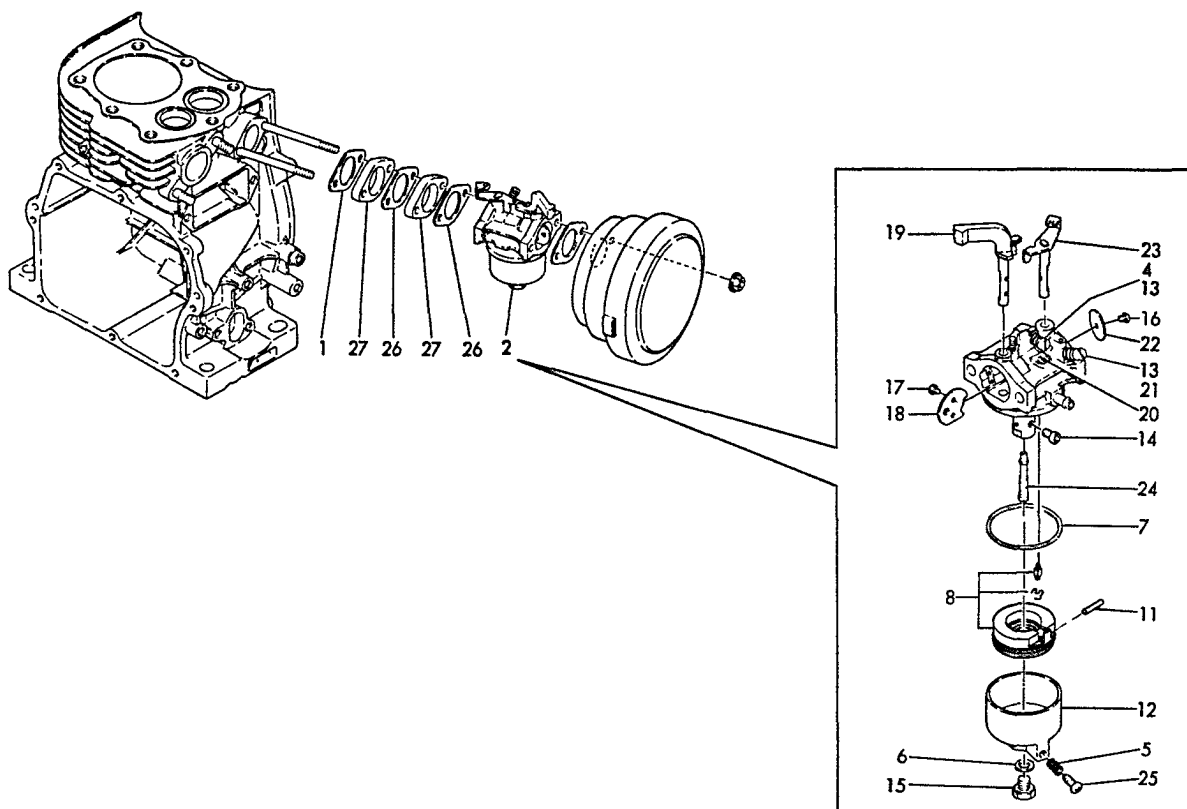
1B11
(1B01)

(10) FUEL TANK

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.	Y	261060-60082	BOLT M6 X 8 PLATED	1					
2	.	Y	261060-60102	BOLT M6 X 10 PLATED	4					
3	.	Y	264760-60142	BOLT M6 X 14	1					
4	.	Y	760740-55700	TANK ASSY, FUEL	1					
6	..	Y	160710-55060	CAP ASSY, FUEL TANK	1					
8	...	Y	160393-55050	GASKET, CAP	1					
9	..	Y	160710-55100	STRAINER, FUEL	1					
10	..	Y	160710-55150	PIPE, GAUGE	1					
11	..	Y	124722-59050	CLAMP	2					
14	.	Y	160710-55301	COCK ASSY, FUEL	1					
16	..	Y	160710-55360	RETAINER	1					
17	..	Y	160710-55370	GASKET	1					
18	..	Y	160710-55380	STRAINER, FUEL	1					
19	..	Y	160710-55390	BOWL, STRAINER	1					
20	.	Y	160740-55750	BRACKET, FUEL TANK	1					

11 CARBURETOR



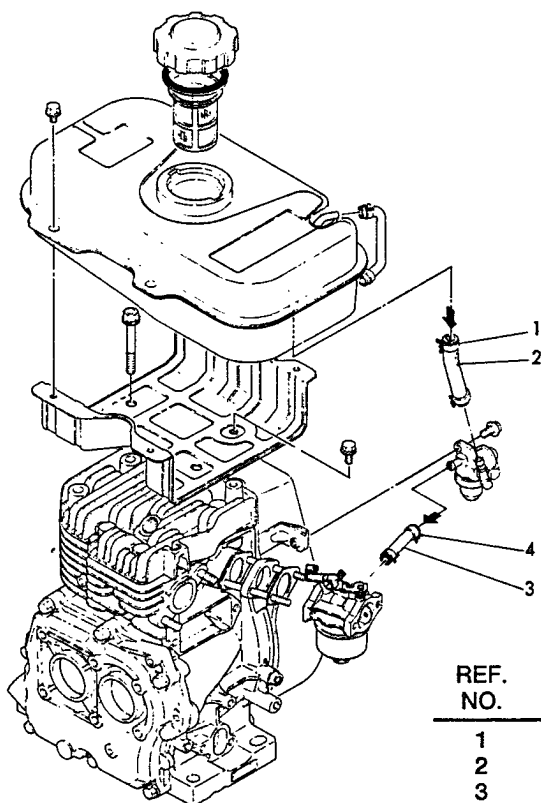
1B12
(1B01)

(11) CARBURETOR

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.	Y	160310-13200	GASKET, MUFFLER	1					
2	.	Y	160710-56010	CARBURETOR ASSY	1					
4	..	Y	181230-56370	SCREW	1					
5	..	Y	181230-56380	SPRING	1					
6	..	Y	160610-56550	WASHER	1					
7	..	Y	160610-56610	GASKET	1					
8	..	Y	160610-56250	NEEDLE CMP (RUBBER)	1					
11	..	Y	160610-56631	PIN	1					
12	..	Y	160610-56640	BODY, CHAMBER	1					
13	..	Y	181230-56380	SPRING	2					
14	..	Y	160710-56650	JET, MAIN	1					
15	..	Y	160610-56660	BOLT	1					
16	..	Y	160120-56670	SCREW	1					
17	..	Y	160610-56670	SCREW, TAPPING	2					
18	..	Y	160710-56680	VALVE, CHOKE	1					
19	..	Y	160610-56690	SHAFT, CHOKE	1					
20	..	Y	160710-56740	JET, PILOT	1					
21	..	Y	160835-56750	SCREW, PILOT	1					
22	..	Y	160610-56760	VALVE, THROTTLE	1					
23	..	Y	160710-56770	SHAFT ASSY, THROTTLE	1					
24	..	Y	160710-56801	NOZZLE, MAIN	1					
25	..	Y	160610-56900	SCREW	1					
26	.	Y	160610-56150	GASKET, CARBURETOR	2					
27	.	Y	160610-56160	SPACER, CARBURETOR	2					

12 FUEL PIPE



1B13
(1B01)

(12) FUEL PIPE

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.		Y 106990-44660	CLAMP, HOSE	2					
2	.		Y 160710-59350	PIPE (A), FUEL	1					
3	.		Y 160820-59360	PIPE (B), FUEL	1					
4	.		Y 106100-44680	CLAMP	2					

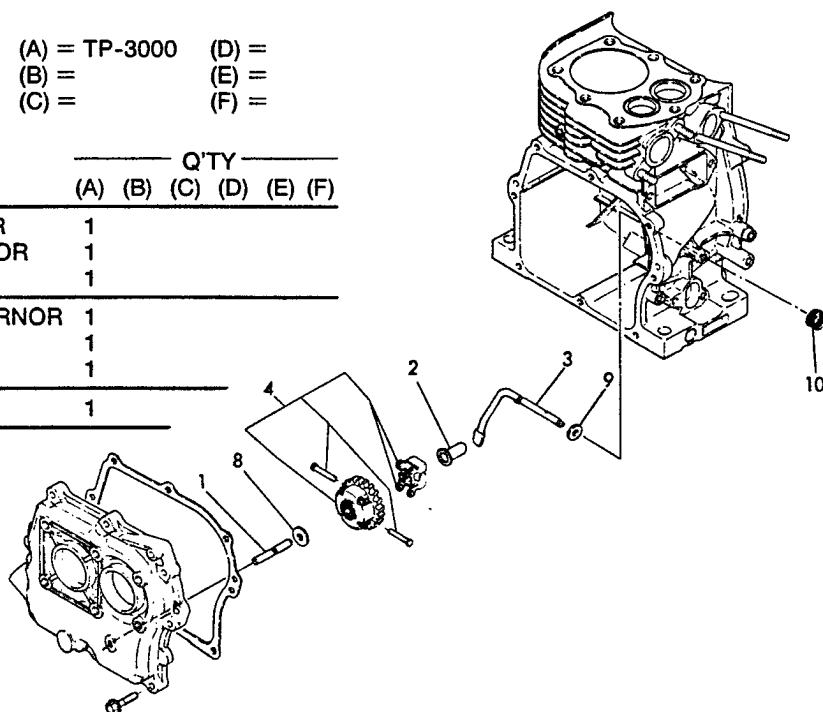
13 GOVERNOR

1B14
(1B01)

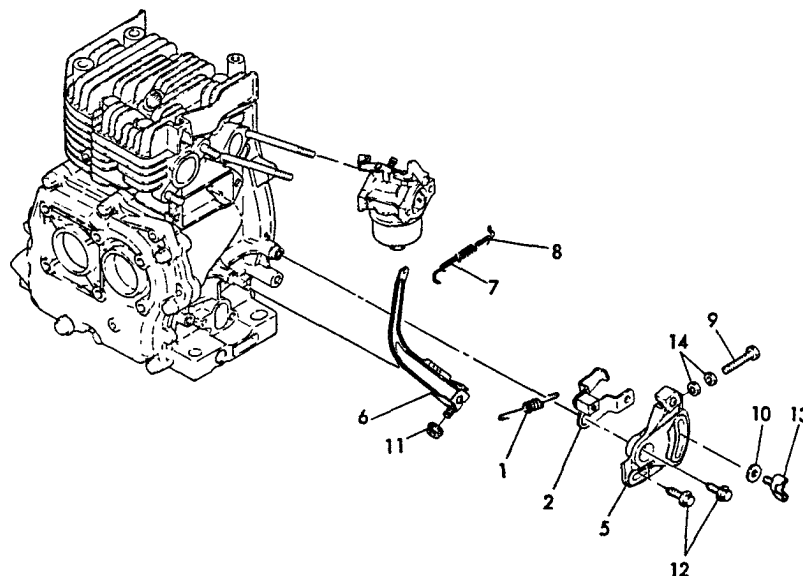
(13) GOVERNOR

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.		Y 160610-61100	SHAFT, GOVERNOR	1					
2	.		Y 160610-61300	SPINDLE, GOVERNOR	1					
3	.		Y 160710-61310	YOKE, GOVERNOR	1					
4	.		Y 160610-61600	GEAR ASSY, GOVERNOR	1					
8	.		Y 160720-13730	WASHER	1					
9	.		Y 221370-60000	WASHER 6	1					
10	.		Y 160611-66030	SPRING, RETURN	1					



14 CONTROL DEVICE



**1B15
(1B01)**

(14) CONTROL DEVICE

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.	Y	160710-66020	SPRING, REGULATOR	1					
2	.	Y	160650-66050	HANDLE ASSY, REGULAT	1					
5	.	Y	160610-66100	BRACKET, REGULATOR	1					
6	.	Y	160710-66151	LEVER, GOVERNOR	1					
7	.	Y	160610-66201	LINK, THROTTLE	1					
8	.	Y	160710-66220	SPRING, TENSION	1					
9	.	Y	160611-66440	BOLT	1					
10	.	Y	160720-13730	WASHER, PLAIN	1					
11	.	Y	263660-60002	U-NUT M6	1					
12	.	Y	264760-60202	BOLT M6 X 20	2					
13	.	Y	266450-60152	WING BOLT M6 X 15	1					
14	.	Y	267560-60002	LOCK NUT M6 PLATED	2					

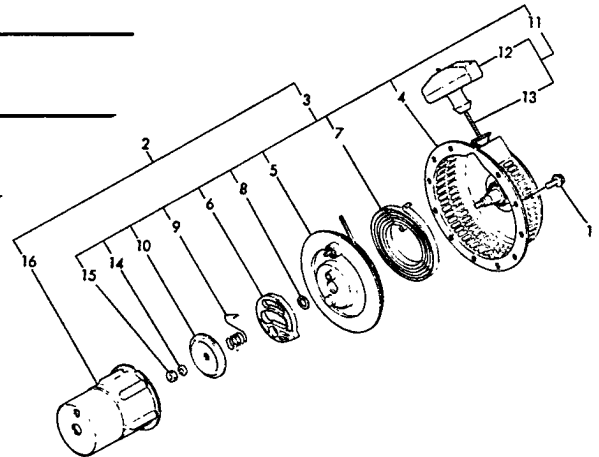
15 STARTER

1B16
(1B01)

(15) STARTER

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.		Y 261060-60082	BOLT M6 X 8 PLATED	3					
2	.		Y 160740-76050	STARTER ASSY, RECOIL	1					
3	..		Y 160740-76250	RE-COIL ASSY	1					
4	...		Y 160740-76510	CASE, STARTER	1					
5	...		Y 160710-76520	REEL	1					
6	...		Y 160610-76530	RATCHET	1					
7	...		Y 160710-76540	SPRING, SPIRAL	1					
8	...		Y 160610-76550	WASHER, THRUST	1					
9	...		Y 160740-76560	SPRING, FRICTION	1					
10	...		Y 160610-76580	PLATE, FRICTION	1					
11	...		Y 160260-76610	ROPE ASSY, STARTER	1					
12			Y 160260-76620	KNOB, STARTER	1					
13			Y 160260-76630	ROPE, STARTER	1					
14	...		Y 222170-60000	SPRING WASHER 6	1					
15	...		Y 267160-60002	NUT 6	1					
16	..		Y 160710-76590	PULLEY, STARTER	1					

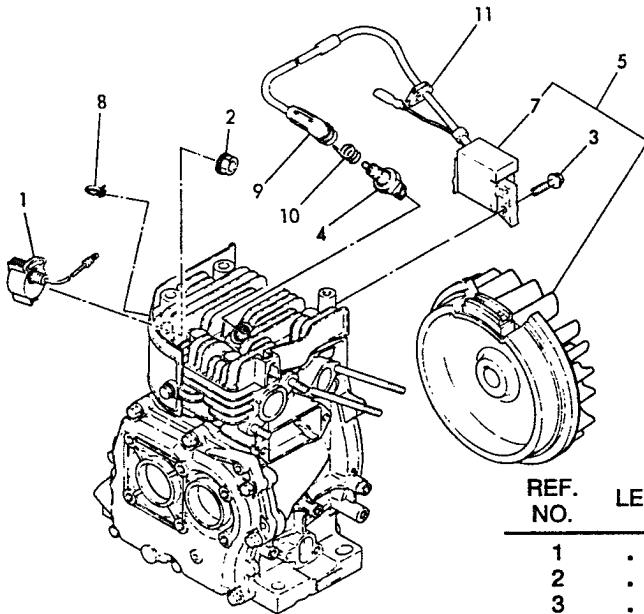


16 FLYWHEEL MAGNETO & STOP SWITCH

1C01
(1B01)

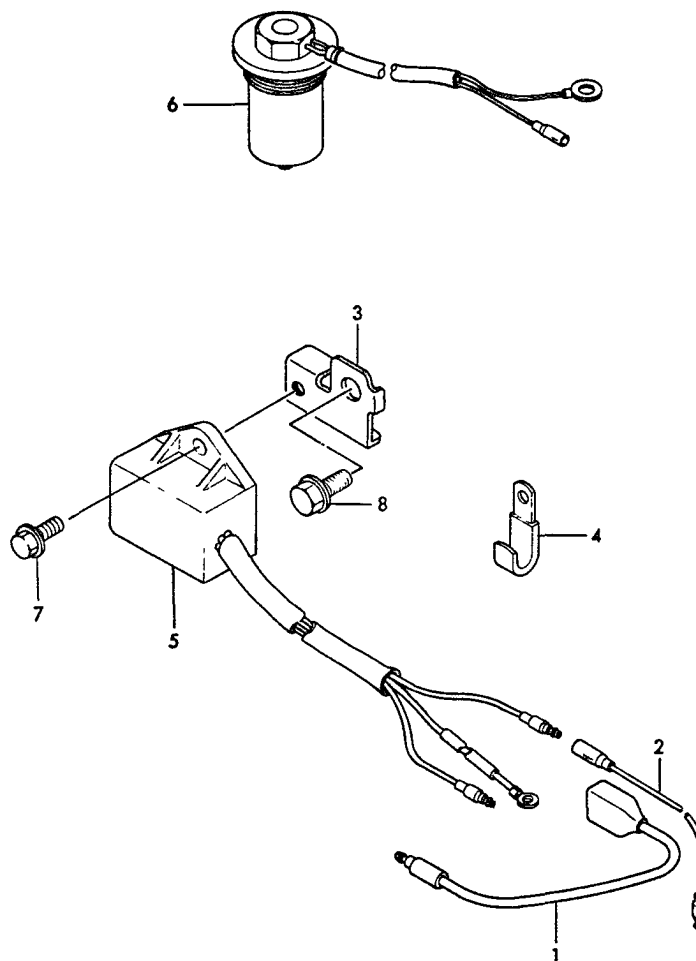
(16) FLYWHEEL MAGNETO & STOP SWITCH

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =



REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.		Y 160611-77250	SWITCH, STOP	1					
2	.		Y 263660-80002	U-NUT M8	1					
3	.		Y 264760-60252	BOLT M6 X 25	2					
4	.		Y 160232-78010	PLUG, SPARK	1					
5	.		Y 160740-78061	MAGNETO ASSY	1					
7	..		Y 160710-78511	COIL, IGNITION	1					
8	.		Y 160710-78700	CLAMP, CORD	1					
9	.		Y 160700-78040	CAP, PLUG	1					
10	.		Y 160700-78050	TERMINAL, PLUG	1					
11	.		Y 160700-78720	GROMMET	1					

17 OIL SENSOR



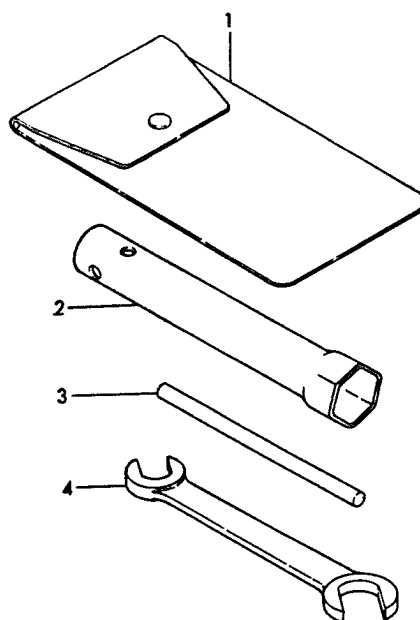
1C02
(1B01)

(17) OIL SENSOR

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.	Y	160671-78200	WIRE	1					
2	.	Y	160820-78200	WIRE	1					
3	.	Y	160671-78350	STAY, SENSOR UNIT	1					
4	.	Y	160710-78710	CLAMP, CORD	1					
5	.	Y	160641-78810	UNIT, OIL SENSOR	1					
6	.	Y	160770-78820	SENSOR, OIL LEVEL	1					
7	.	Y	261060-60122	BOLT M6 X 12	1					
8	.	Y	261060-80142	BOLT M8 X 14						

18 TOOL



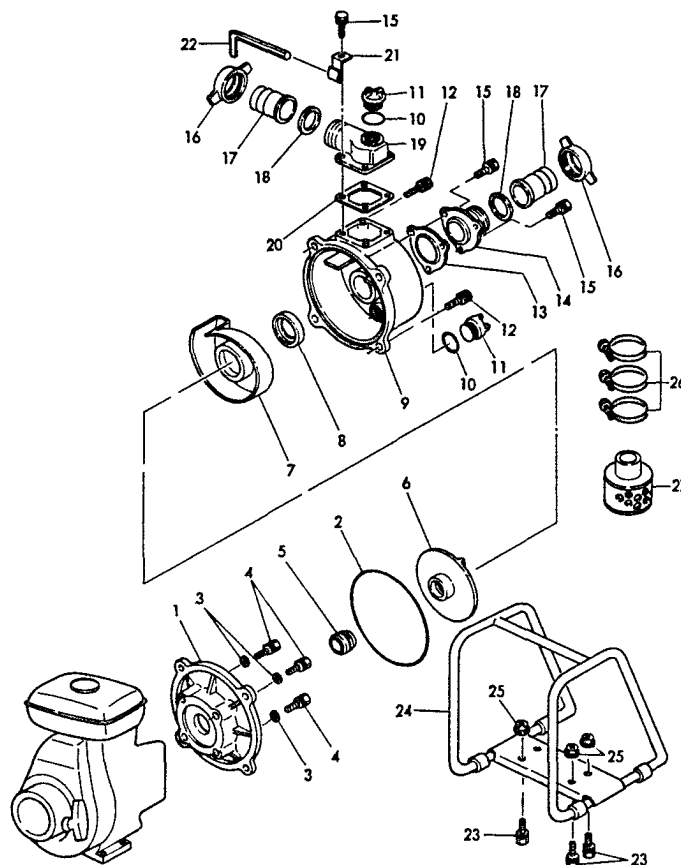
1C03
(1B01)

(18) TOOL

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.	Y	160110-92610	BAG, TOOL	1					
2	.	Y	160120-92700	WRENCH, BOX	1					
3	.	Y	160110-92710	BAR	1					
4	.	Y	281101-00120	WRENCH 10 X 12	1					

19 PUMP



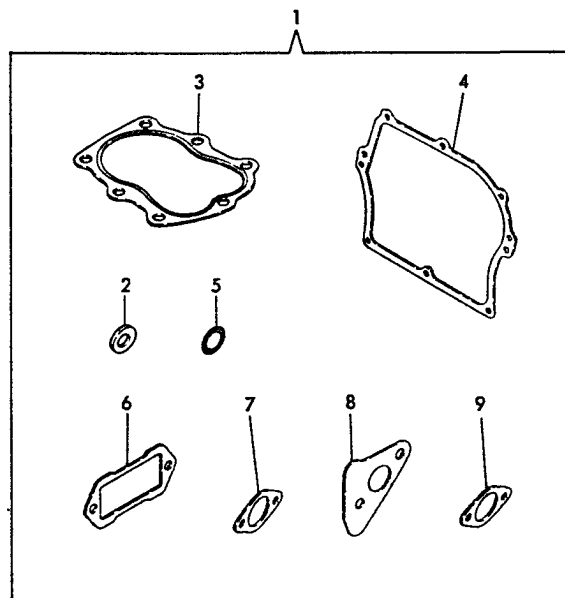
1C04
(1B01)

(19) PUMP

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.	Y	183429-48070	COVER, CASING	1					
2	.	Y	183429-48060	GASKET, CASING	1					
3	.	Y	183178-48080	GASKET, SEAL	4					
4	.	Y	160664-95530	BOLT W/SW	4					
5	.	Y	183329-48120	SEAL, MECHANICAL Shim 0.3 Y50106000000	1					
6	.	Y	183429-48110	IMPELLER Shim 0.5 Y50106100000	1					
7	.	Y	183429-48130	CASING, INNER Shim).8 Y50106200000	1					
8	.	Y	183278-48140	GASKET, INNER CASING	1					
9	.	Y	183429-48050	CASING	1					
10	.	Y	183178-48280	GASKET, O-RING	2					
11	.	Y	183178-48270	PLUG, PRIMING	2					
12	.	Y	183329-48560	BOLT W/SW	4					
13	.	Y	183278-48160	VALVE, CHECK	1					
14	.	Y	183429-48150	CASE (NPT), VALVE	1					
15	.	Y	160664-95610	BOLT W/SW	7					
16	.	Y	183429-48200	JOINT (AL-NPT), HOSE	2					
17	.	Y	183278-48220	COUPLING (PVC), HOSE	2					
18	.	Y	183278-48210	GASKET, COUPLING	2					
19	.	Y	183429-48250	BEND (NPT), DELIVERY	1					
20	.	Y	183278-48260	GASKET, BEND	1					
21	.	Y	183329-92820	HOOK	1					
22	.	Y	183329-92810	WRENCH, SOCKET	1					
23	.	Y	183329-08210	BOLT W/SW	4					
24	.	Y	183429-08010	FRAME	1					
25	.	Y	183329-08310	NUT, FLANGE	4					
26	.	Y	183278-48350	BAND, HOSE	3					
27	.	Y	183429-48360	STRAINER (NPT)	1					

20 GASKET SET (OPTIONAL)



1C05
(1B01)

(20) GASKET SET (OPTIONAL)

(A) = TP-3000 (D) =
(B) = (E) =
(C) = (F) =

REF. NO.	LEV.	O	PART NO.	DESCRIPTION	Q'TY					
					(A)	(B)	(C)	(D)	(E)	(F)
1	.		Y 760770-92600	GASKET SET	1					
2	..		Y 104200-59170	GASKET 12	1					
3	..		Y 160710-01330	GASKET, CYL. HEAD	1					
4	..		Y 160710-01410	GASKET, SIDE COVER	1					
5	..		Y 243110-00180	O-RING 1A P-18.0	1					
6	..		Y 160710-03070	GASKET, BREATHER	1					
7	..		Y 160610-56150	GASKET, CARBURETOR	3					
8	..		Y 160701-13200	GASKET, MUFFLER	1					
9	..		Y 160310-13200	GASKET, MUFFLER	1					