

Robin Industrial Engines®

OEM PARTS MANUAL

Model

EC17V BANNERMAN

1193M323



ROBIN AMERICA, INC.
ROBIN TO WISCONSIN ROBIN
ENGINE MODEL CROSS REFERENCE LIST

ROBIN

WISCONSIN ROBIN

SIDE VALVE

EY08	W1-080
EY15	W1-145
EY15V	W1-145V
EY20	W1-185
EY20V	W1-185V
EY23	W1-230
EY28	W1-280
EY35	W1-340
EY40	W1-390
EY45V	W1-450V
EY21	EY21W
EY44	EY44W
EY18-3	EY18-3W
EY25	EY25W
EY27	EY27W

OVERHEAD VALVE

EH11	WO1-115
EH12	WO1-120
EH15	WO1-150
EH17	WO1-170
EH21	WO1-210
EH25	WO1-250
EH30	WO1-300
EH30V	WO1-300V
EH34	WO1-340
EH34V	WO1-340V
EH43V	WO1-430V

TWO CYCLE

EC13V	WT1-125V
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DIESEL

DY23	WRD1-230
DY27	WRD1-270
DY30	WRD1-300
DY35	WRD1-350
DY41	WRD1-410

Introduction

This catalog is designed to identify **Robin Engine** parts.

When ordering parts, it is always advisable to list the engine model, specification number and serial number. With this information, we can check your order for any incorrect part numbers. Use your Service Parts List to ensure proper part number and nomenclature identification.

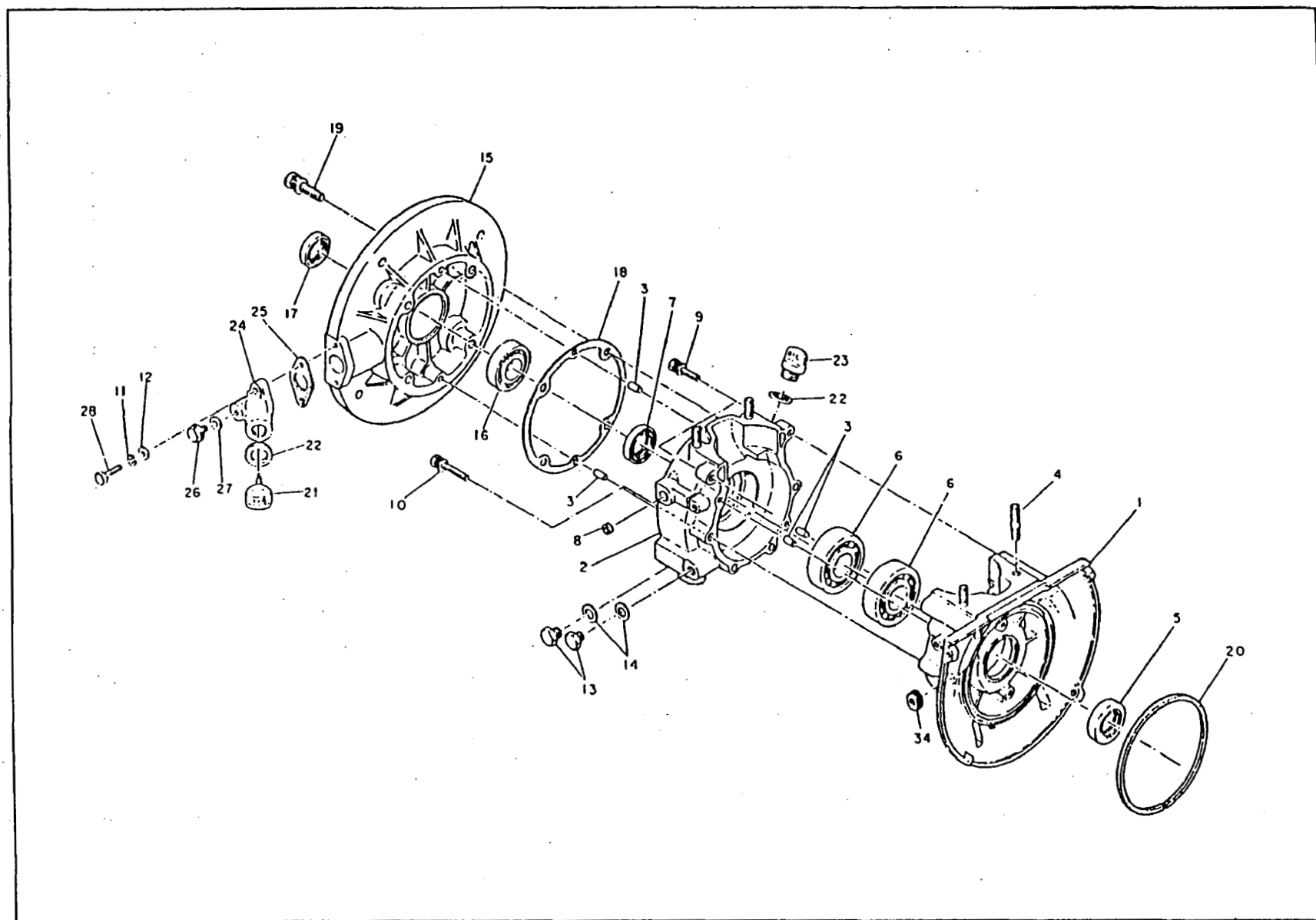
ROBIN AMERICA INC. reserves the right to modify, alter and improve engines and parts. Part numbers and the structure of parts may change from those shown in this catalog.

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1.

CRANKCASE

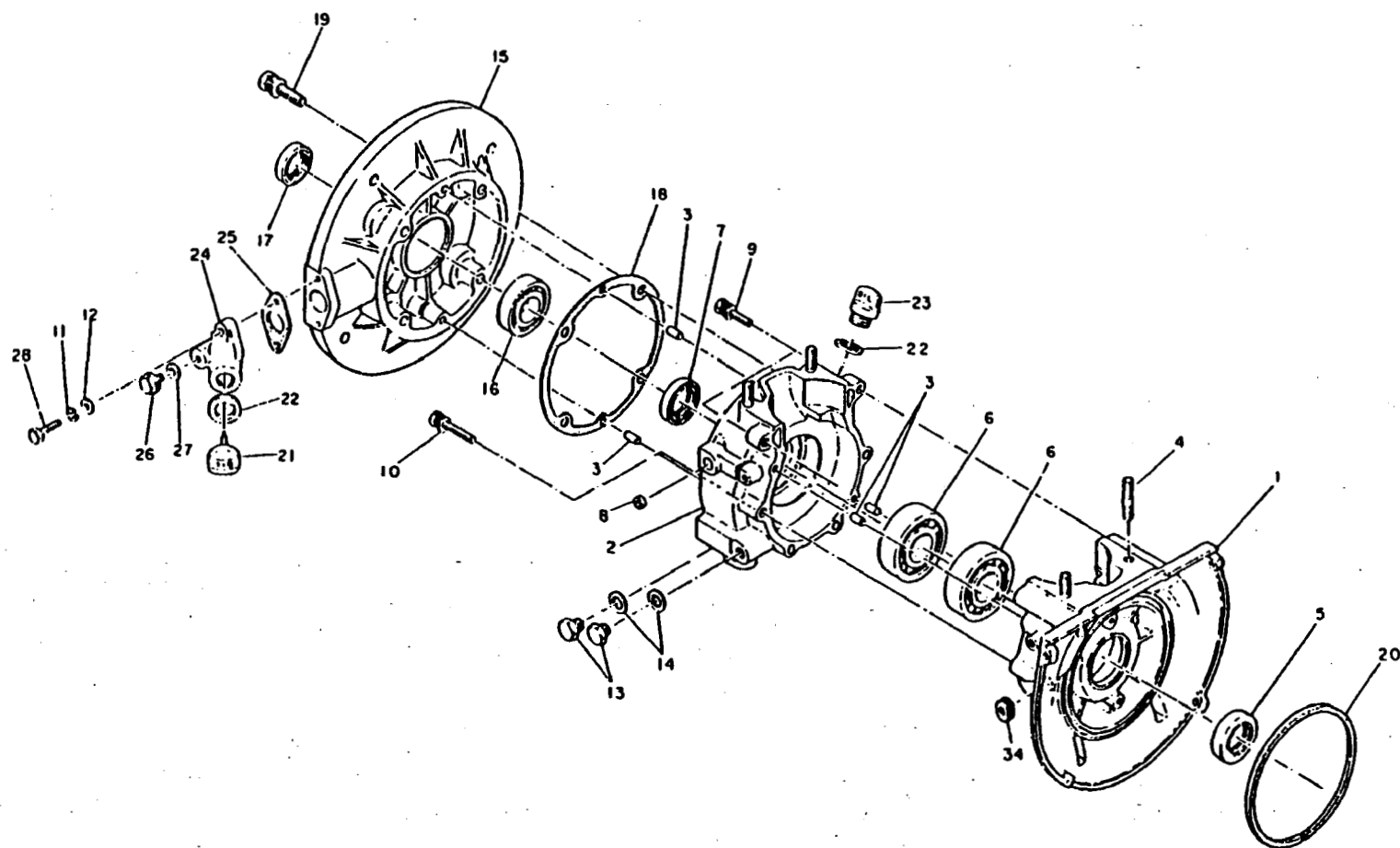


1. Crankcase

Ref. No.	Parts Number	Parts Name	Qty.	Description	
*1	107 10107 11	Crankcase Compl.	1	Incl. 2-10	
3	031 00600 10	Dowel Pin	4		
4	001 32083 51	Stud	4		
5	044 02500 40	Oil Seal	1	TB254210	
6	060 02500 20	Ball Bearing	2	6305C3	
7	044 02500 30	Oil Seal	1	TB25387	
8	044 00800 10	Oil Seal	1		
9	001 14063 00	Bolt and Washer Ass'y	2		
10	001 14064 00	Bolt and Washer Ass'y	4		
11	003 20060 00	Spring Washer	2		
12	003 10060 00	Washer	2		
13	009 01100 00	Filler	2		
14	003 71100 00	Gasket	2		
*15	107 12301 11	Crankcase Cover Compl.	1	Incl. 16, 17	
16	060 02500 30	Ball Bearing	1	6005C3	
17	044 02500 51	Oil Seal	1	TB25347	
18	107 15001 23	Gasket (Case Cover)	1		
19	001 14083 50	Bolt and Washer Ass'y	4		
20	107 75001 03	Dust Felt	1		
21	106 63602 01	Oil Gauge Compl.	1		

1.

CRANKCASE

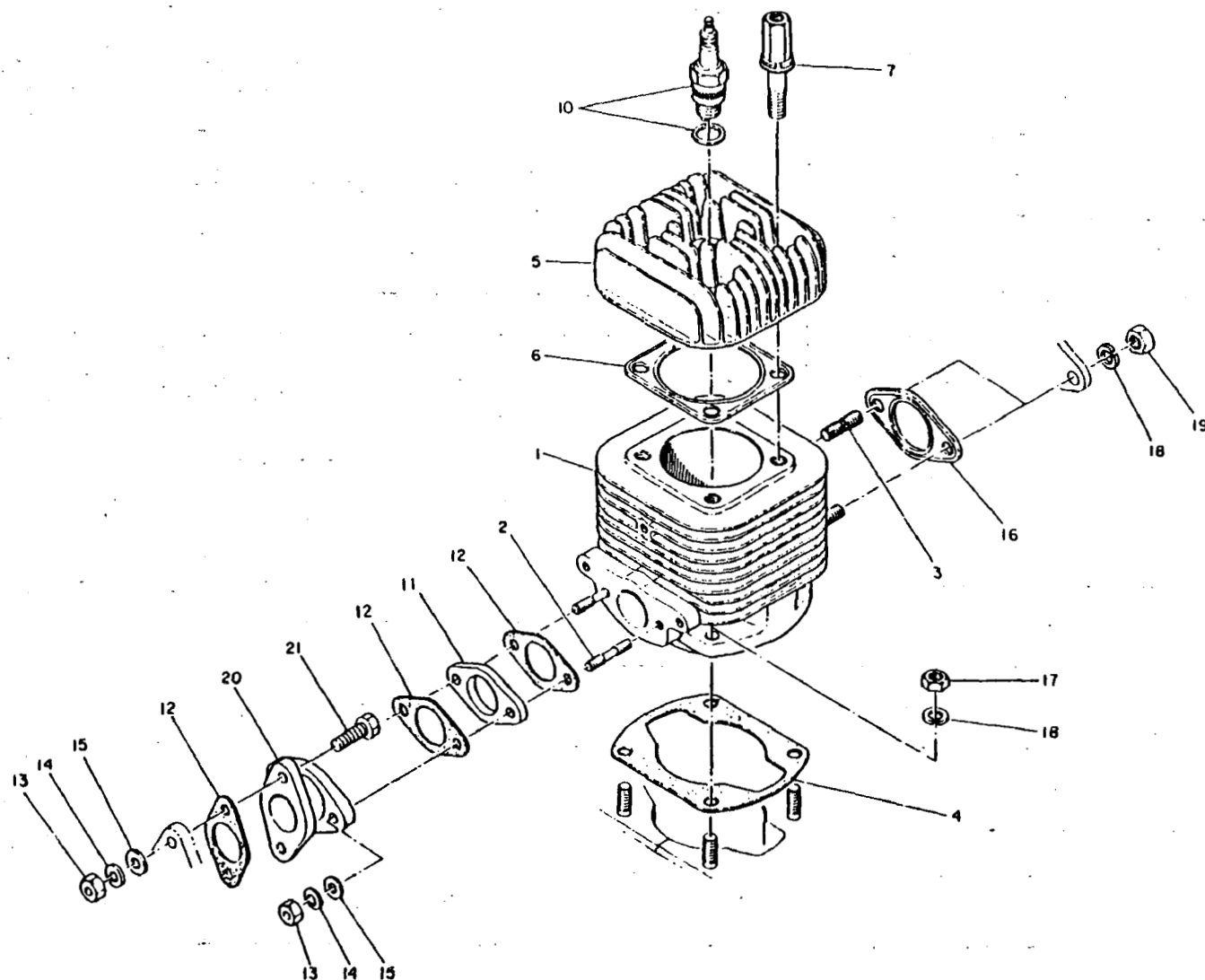


1. Crankcase

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2.

CYLINDER

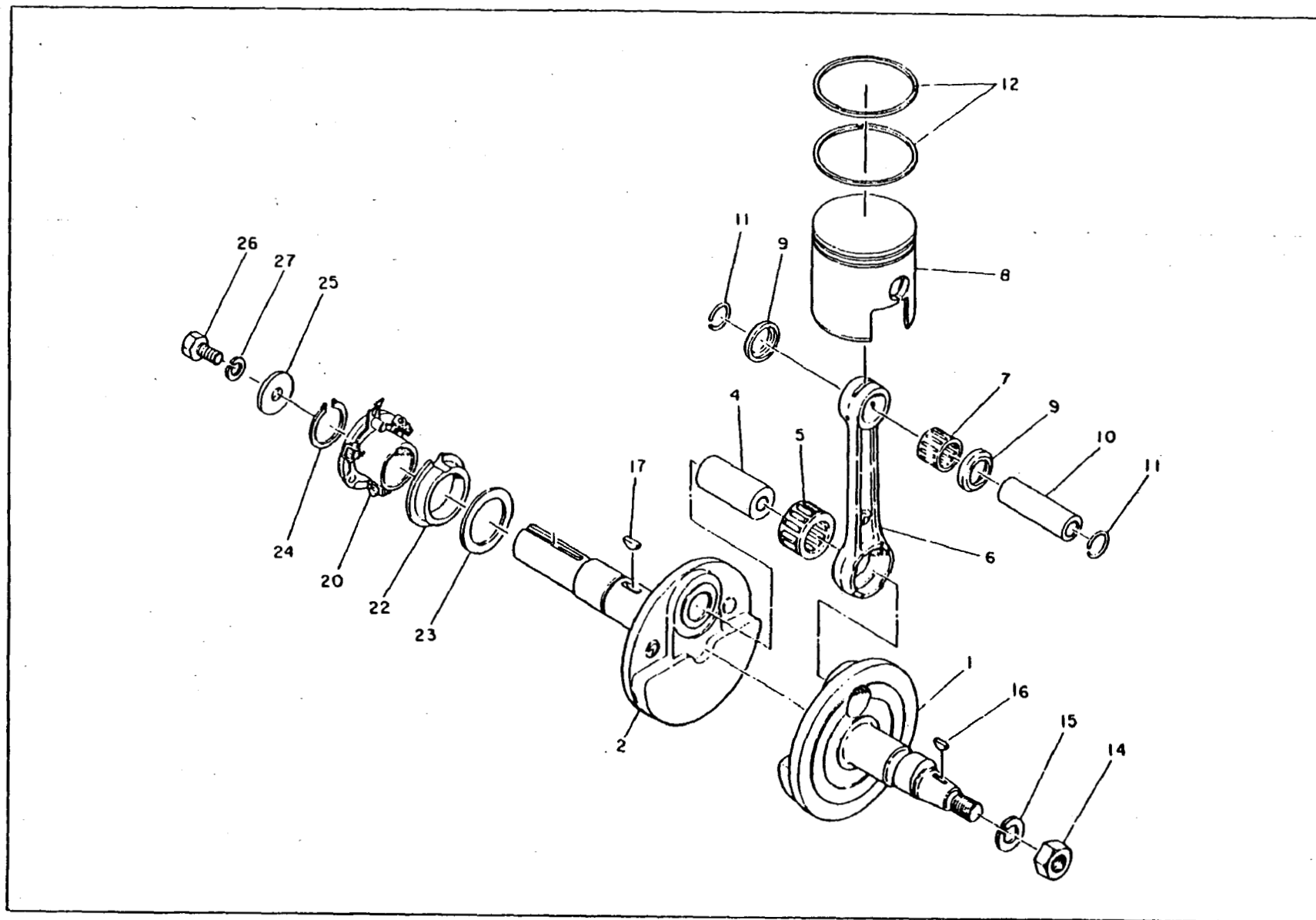


2. Cylinder

Ref. No.	Parts Number	Parts Name	Qty.	Description	
*1	107 12401 11	Cylinder Compl.	1	Incl. 2-3	
2	001 32063 51	Stud	2		
3	001 31083 01	Stud	2		
4	107 15002 03	Gasket (Cylinder)	1		
5	107 13001 23	Cylinder Head	1		
6	107 15102 01	Gasket Compl. (Head)	1		
7	013 01000 40	Head Bolt Ass'y	4		
10	065 01400 20	Spark Plug	1	NGK B 411	
11	107 32901 03	Insulator	1		
12	107 35001 03	Gasket (Insulator)	3		
13	002 17060 00	Nut	4		
14	003 20060 00	Spring Washer	4		
15	003 10060 00	Washer	4		
16	107 35101 11	Gasket Compl. (Exhaust)	1		
17	002 18080 00	Nut	4		
18	003 20080 00	Spring Washer	6		
19	002 19080 00	Nut	2		
20	107 33001 03	Intake Pipe	1		
21	001 66062 50	Bolt	2		

3.

CRANKSHAFT, PISTON and DRIVING SHAFT

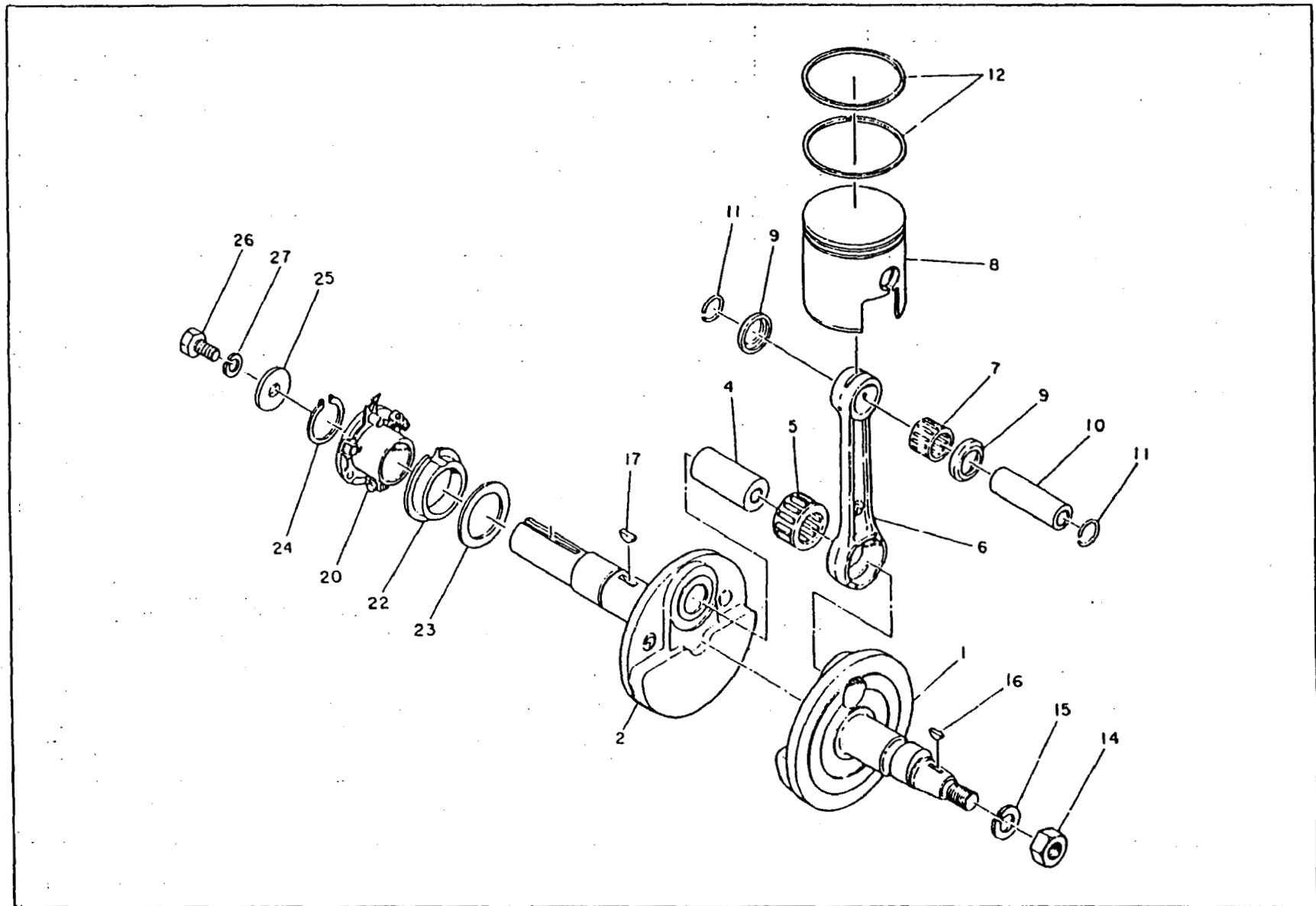


3. Crankshaft and Piston

Ref. No.	Parts Number	Parts Name	Qty.	Description	
*2	107 29100 00	Crankshaft Ass'y	1	Incl. 1, 4-6	
7	110 22901 03	Small End Bearing	1		
8	107 23431 01	Piston Compl.	1	Std.	
8	107 23432 01	Piston Compl.	1	Oversize 0.25mm	
8	107 23433 01	Piston Compl.	1	Oversize 0.50mm	
9	110 25003 03	Spacer (Piston Pin)	2		
10	107 23301 13	Piston Pin	1		
11	003 14160 00	Snap Ring	2		
12	107 23501 17	Piston Ring Set	1	Std.	
12	107 23502 17	Piston Ring Set	1	Oversize 0.25mm	
12	107 23503 17	Piston Ring Set	1	Oversize 0.50mm	
14	017 01200 10	Nut	1		
15	003 20120 00	Spring Washer	1		
16	005 32042 01	Woodruff Key	1		
17	032 30500 30	Woodruff Key	1		
20	107 41701 01	Governor Plate Compl.	1		

3.

CRANKSHAFT, PISTON and DRIVING SHAFT

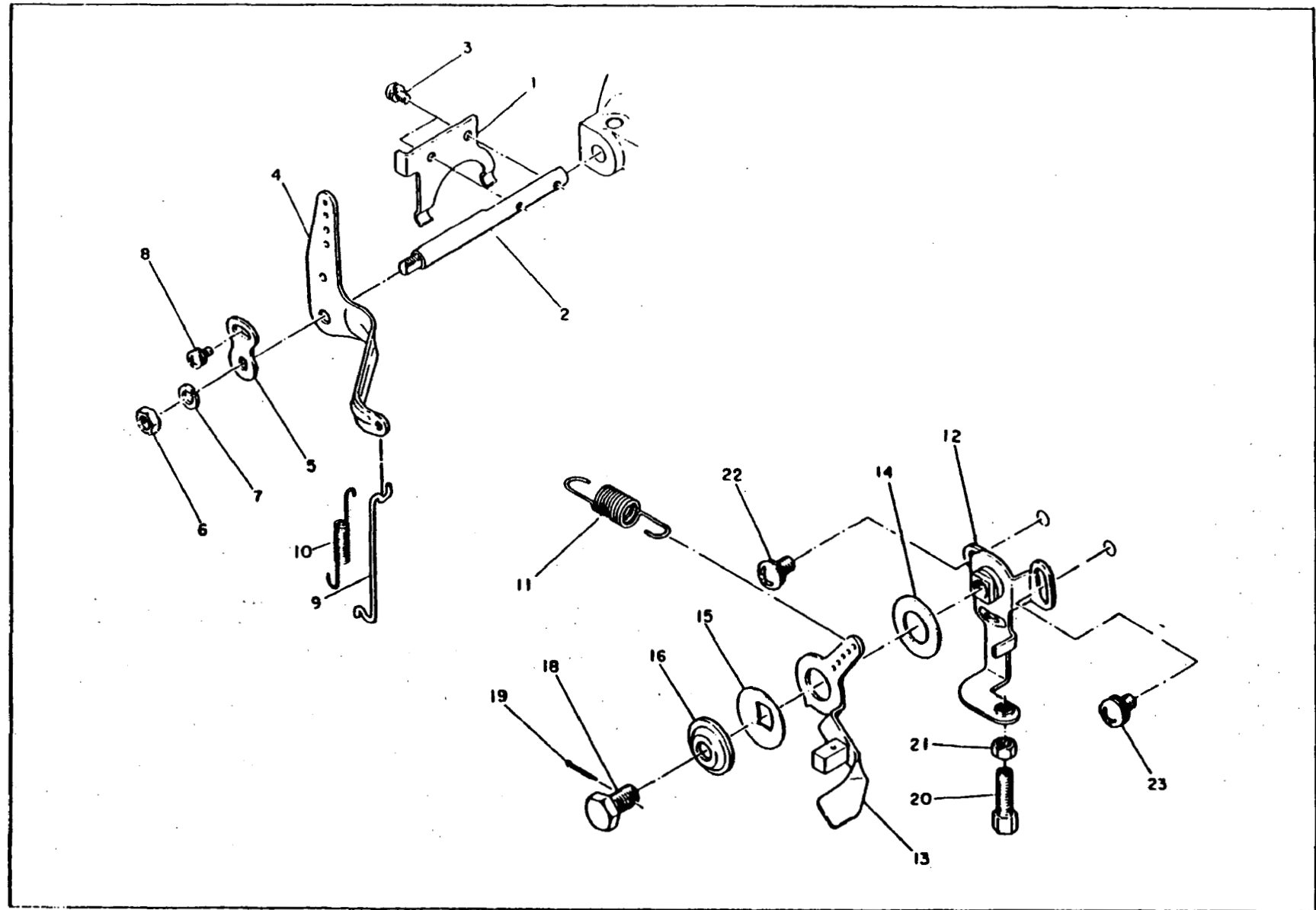


3. Crankshaft and Piston

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4.

GOVERNOR

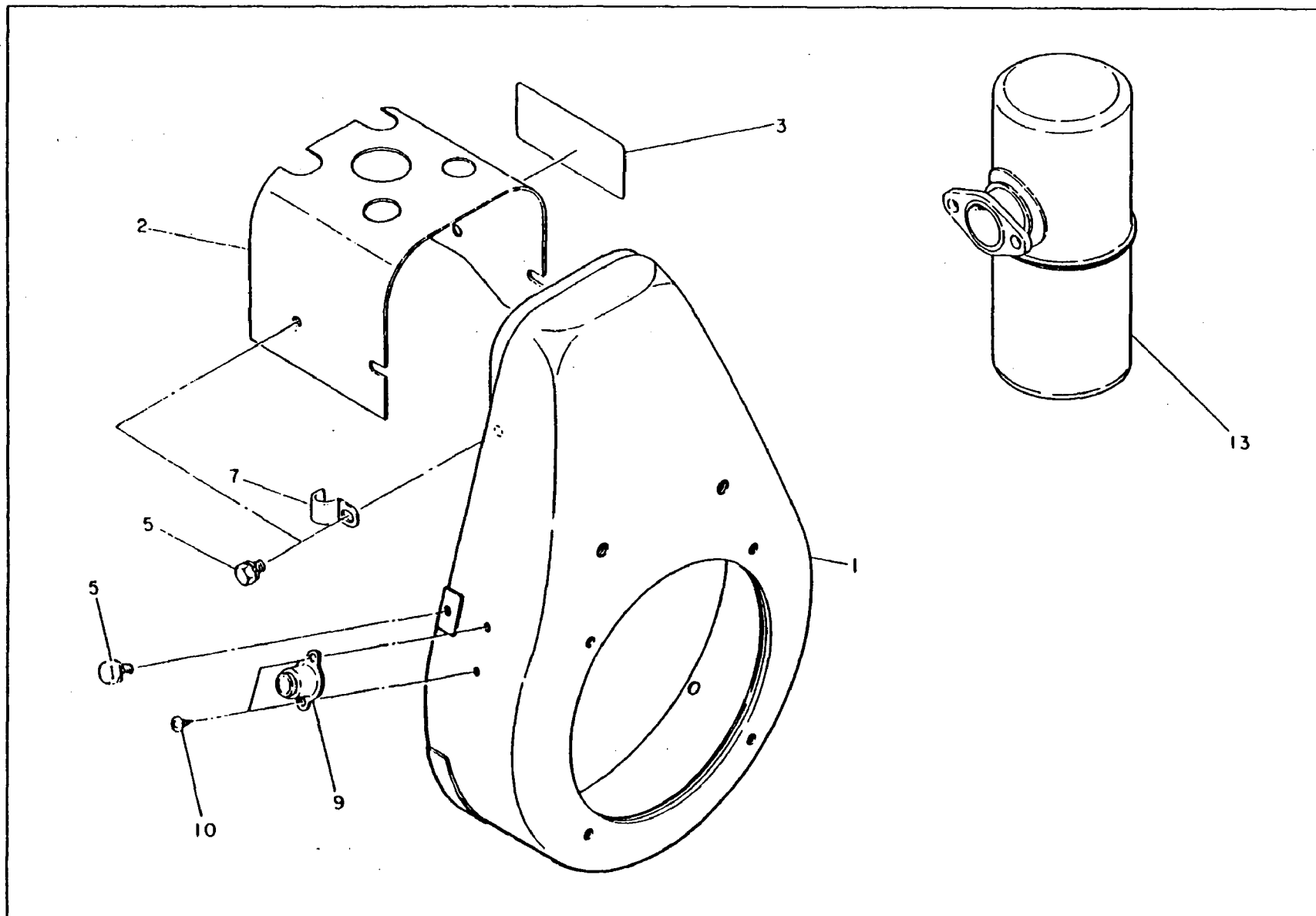


4. Governor

Ref. No.	Parts Number	Parts Name	Qty.	Description	
1	107 42102 03	Governor Yoke	1		
2	107 42202 03	Governor Shaft	1		
3	004 35040 60	Screw and Washer Ass'y	2		
4	107 42304 11	Governor Lever	1		
5	106 42401 01	Adjusting Plate	1		
6	002 17060 00	Nut	1		
6	002 27060 00	Nut	1		
7	003 20060 00	Spring Washer	1		
8	004 36040 80	Spring and Washer Ass'y	1		
9	214 42701 01	Governor Rod	1		
10	107 42801 11	Rod Spring	1		
11	107 42501 11	Governor Spring	1		
*12	107 43301 60	Governor Control Ass'y	1	Incl. 13-19	
20	014 90600 40	Adjusting Screw	1		
21	002 27060 00	Nut	1		
22	004 35061 00	Screw and Washer Ass'y	1		
23	004 36061 00	Screw and Washer Ass'y	1		

5.

BLOWER HOUSING, and MUFFLER

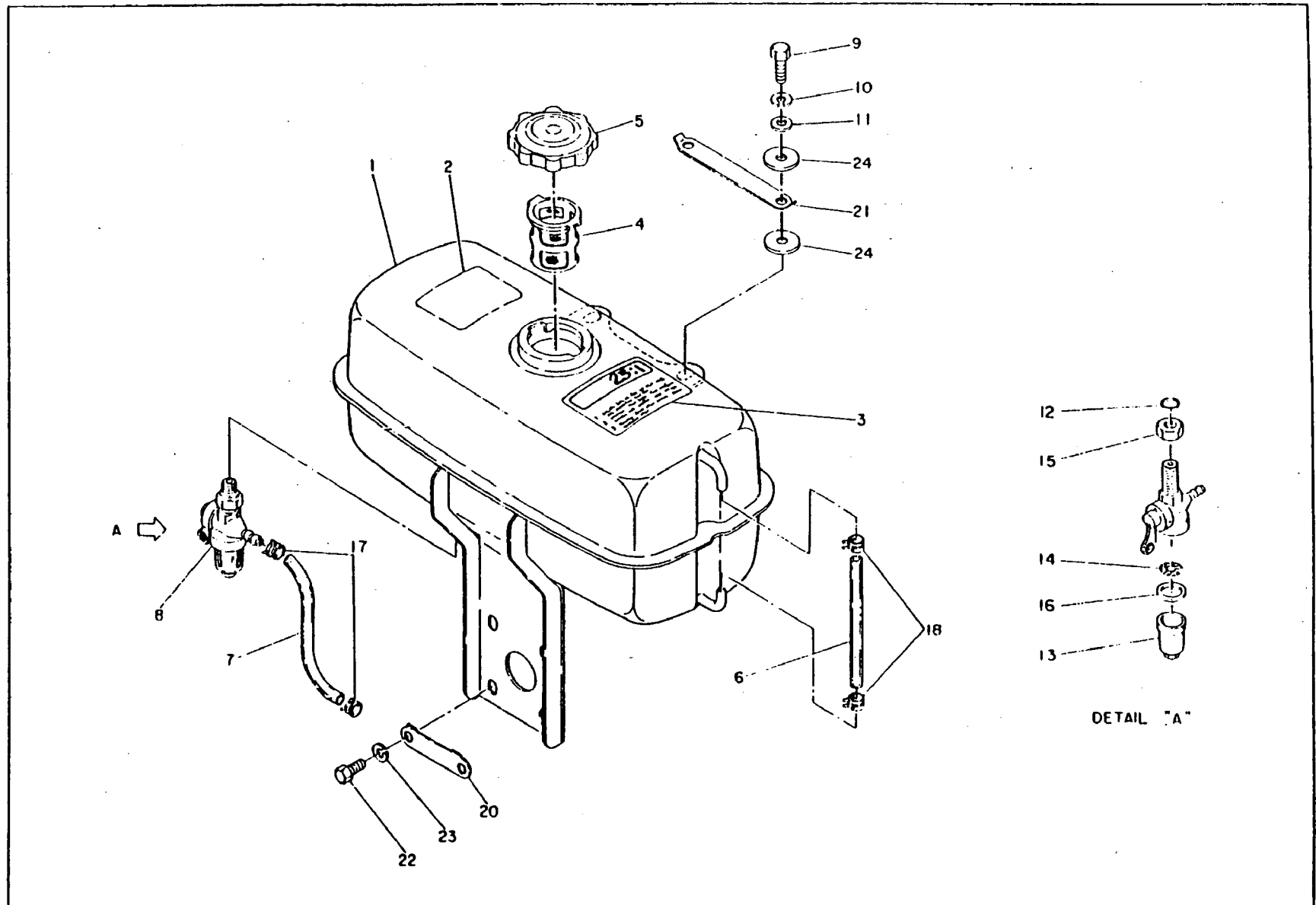


5. Blower Housing and Muffler

Ref. No.	Parts Number	Parts Name	Qty.	Description	
1	107 51801 21	Blower Housing Compl.	1		
2	107 52603 11	Cylinder Baffle Compl.	1		
3	107 91811 13	Label (Engine Name)	1		
5	001 10061 20	Bolt and Washer Ass'y	8		
7	107 75701 01	Clamp	1		
9	066 20000 11	Stop Button	1		
10	015 00400 10	Tapping Screw	2		
13	107 30110 11	Muffler Compl.	3		

6.

FUEL TANK

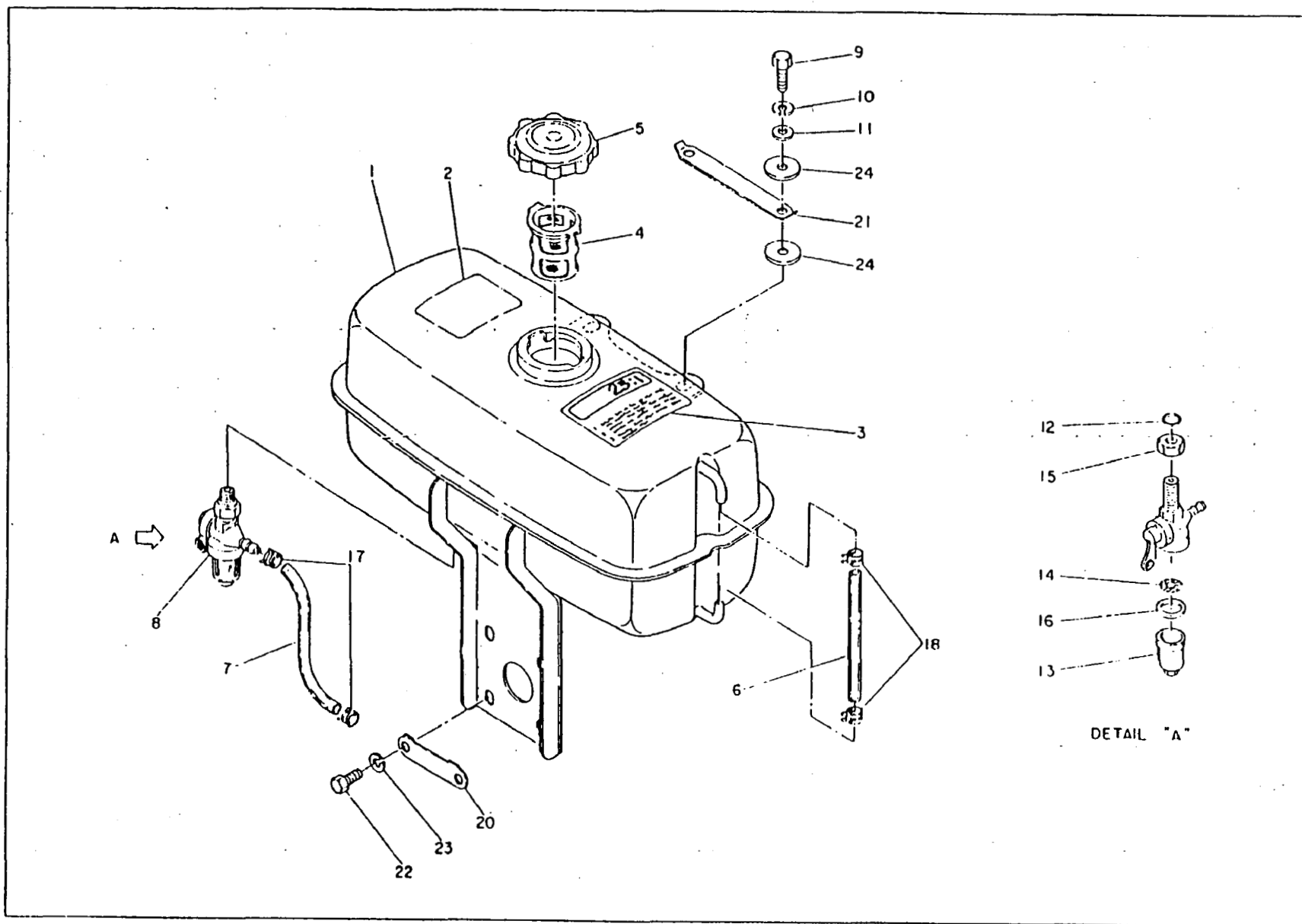


6. Fuel Tank

Ref. No.	Parts Number	Parts Name	Qty.	Description	
*1	107 60602 21	Fuel Tank Compl.	1	Incl. 2	
*2	107 91702 03	Label (Trade Mark)	1	Incl. 2	
3	106 92003 03	Label (Caution)	1		
4	064 13600 10	Fuel Filter	1		
5	043 04300 15	Fuel Tank Cap Compl.	1		
6	085 00500 11	Vinyl Pipe	1	0.097m	
7	085 10400 00	Rubber Pipe	1	0.017m	
8	064 20038 00	Fuel Strainer	1		
9	001 66082 50	Bolt	2		
10	003 20080 00	Spring Washer	2		
11	020 00800 00	Washer	2		
12	064 20003 30	O Ring	1		
13	064 20014 10	Cup	1		
14	064 20014 20	Screen	1		
15	064 20029 20	Lock Nut	1		
16	064 20014 30	Packing (M)	1		
17	056 11000 30	Hose Clamp	2		

6.

FUEL TANK

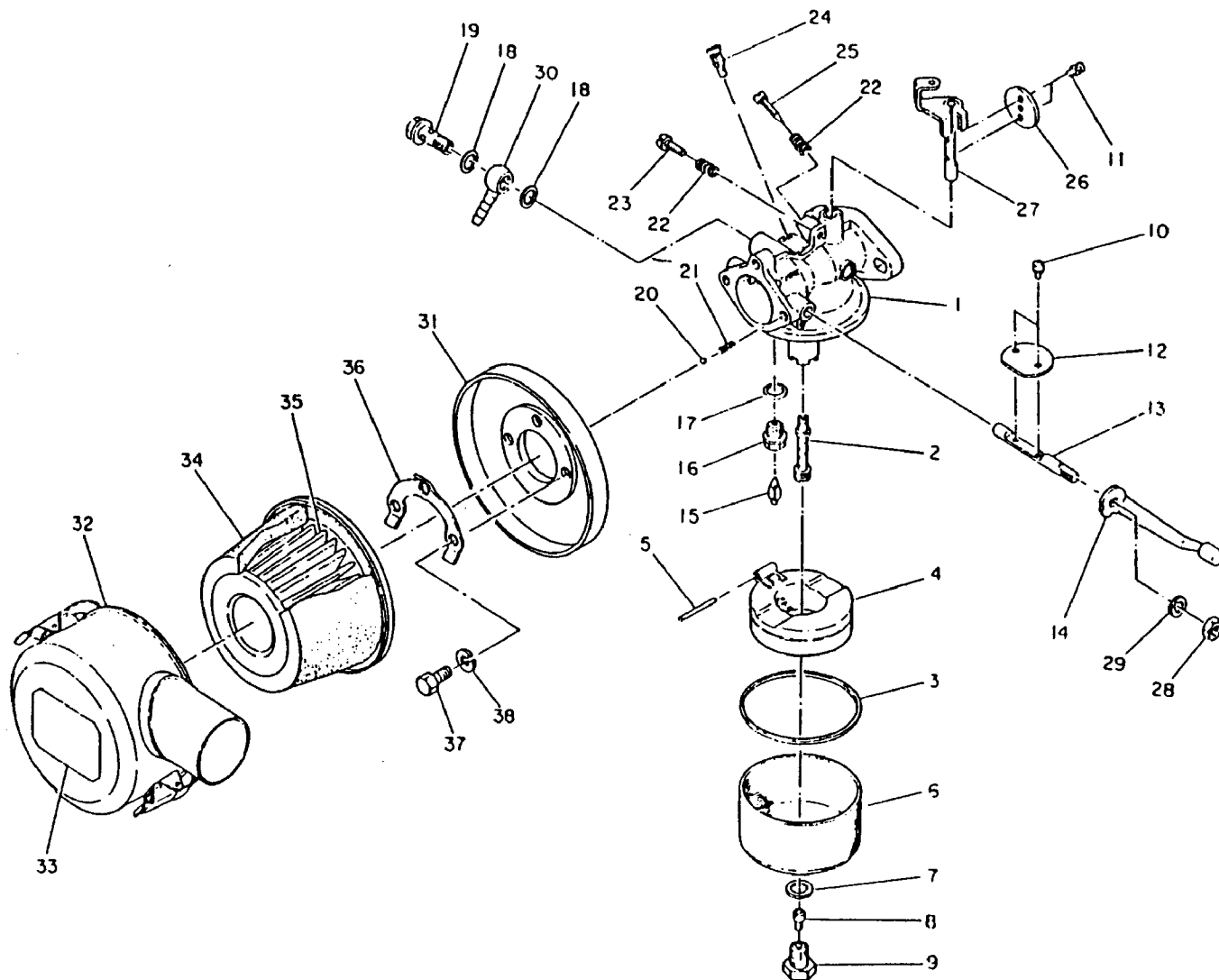


6. Fuel Tank

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7.

CARBURETOR and AIR CLEANER

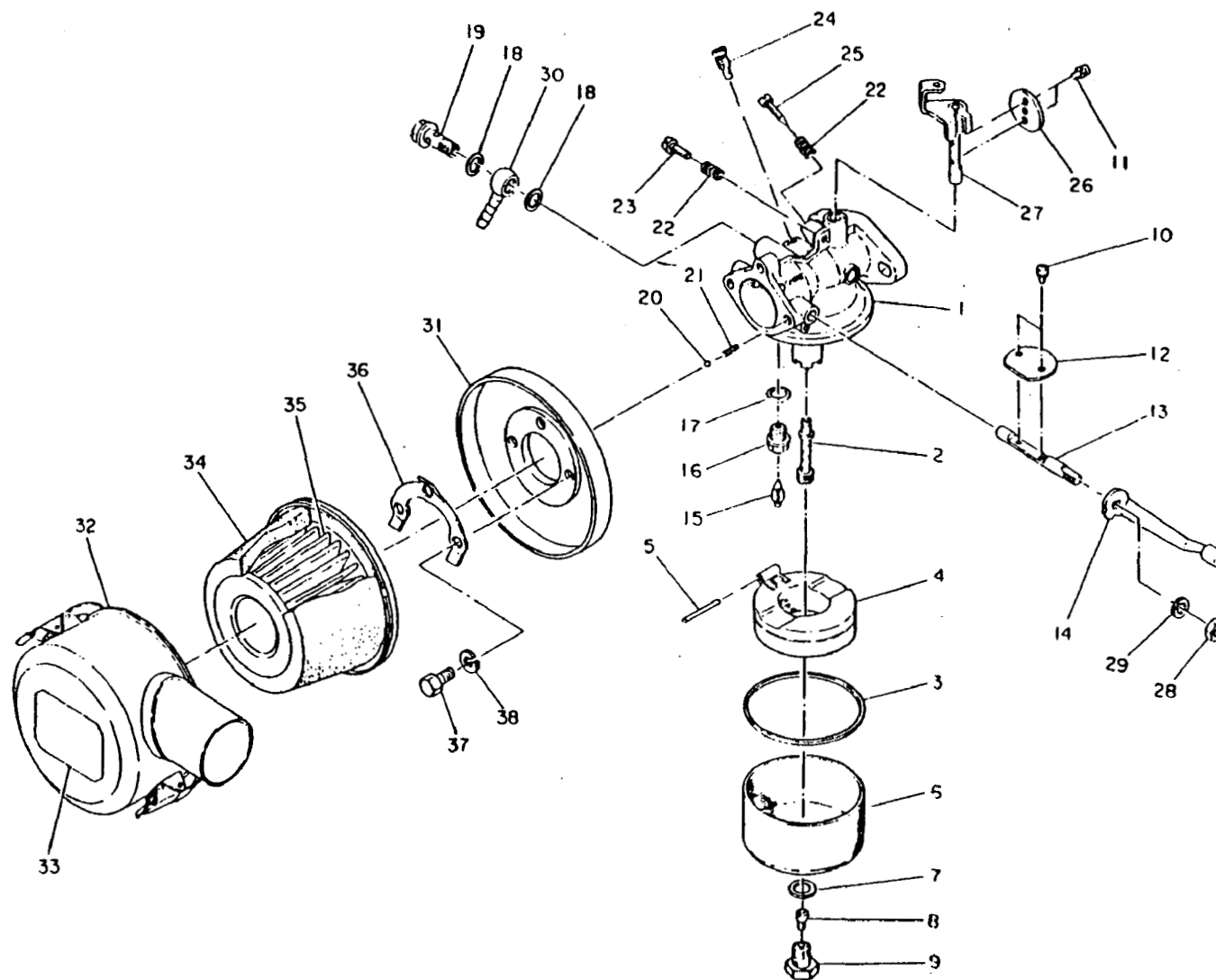


7. Carburetor and Air Cleaner

Ref. No.	Parts Number	Parts Name	Qty.	Description	
*1	107 62308 00	Carburetor Ass'y	1	Incl. 2-29	
2	107 62441 08	Nozzle (11A)	1		
3	101 62540 08	Float Chamber Washer	1		
4	107 62506 08	Float Ass'y	1		
5	101 62515 08	Float Pin	1		
6	101 62350 08	Float Chamber Body	1		
7	209 62311 08	Insert Washer	1		
8	205 62400 08	Main Jet	1	#95	
9	209 62425 08	Main Jet Holder	1		
*10	209 62351 08	Screw and Washer Ass'y	4	Incl. 11	
11	209 62304 08	Screw and Washer Ass'y	2		
12	101 62525 08	Valve (Choke)	1		
13	107 62520 08	Shaft Ass'y (Choke)	1	Incl. 14, 28, 29	
*15	209 62302 08	Needle Valve	1	Incl. 16 #2.5	
17	209 62312 08	Washer	1		
18	207 62345 08	Washer	2		
19	209 62335 08	Banjo Bolt	1		
20	209 62353 08	Steel Ball	1		
21	209 62446 08	Choke Spring	1		
22	209 62445 08	Throttle Stop Spring	2		
23	209 62352 08	Screw	1		
24	101 62420 08	Pilot Jet	1	#70	
25	209 62305 08	Pilot Screw	1		

7.

CARBURETOR and AIR CLEANER

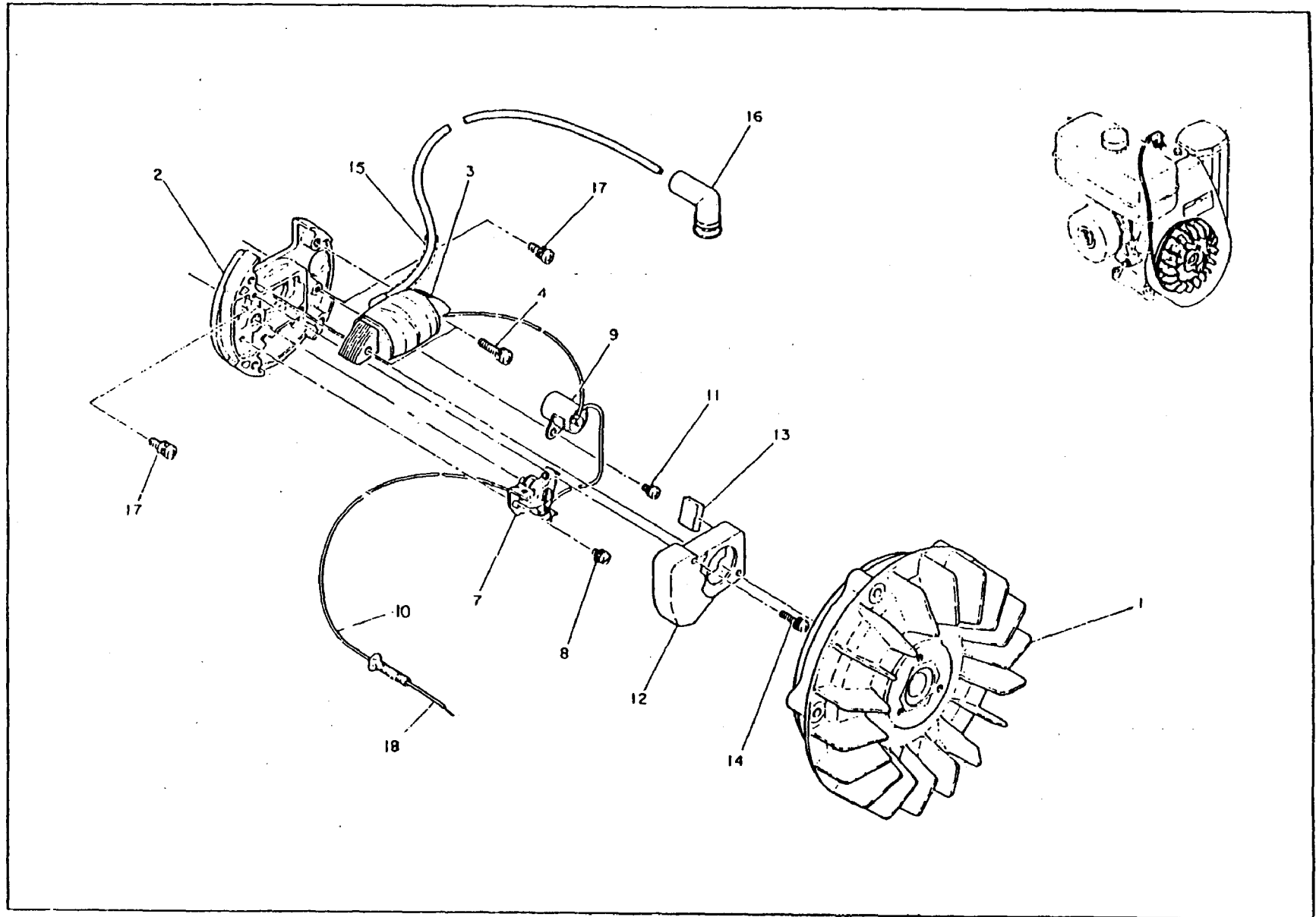


7. Carburetor and Air Cleaner

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8.

MAGNETO

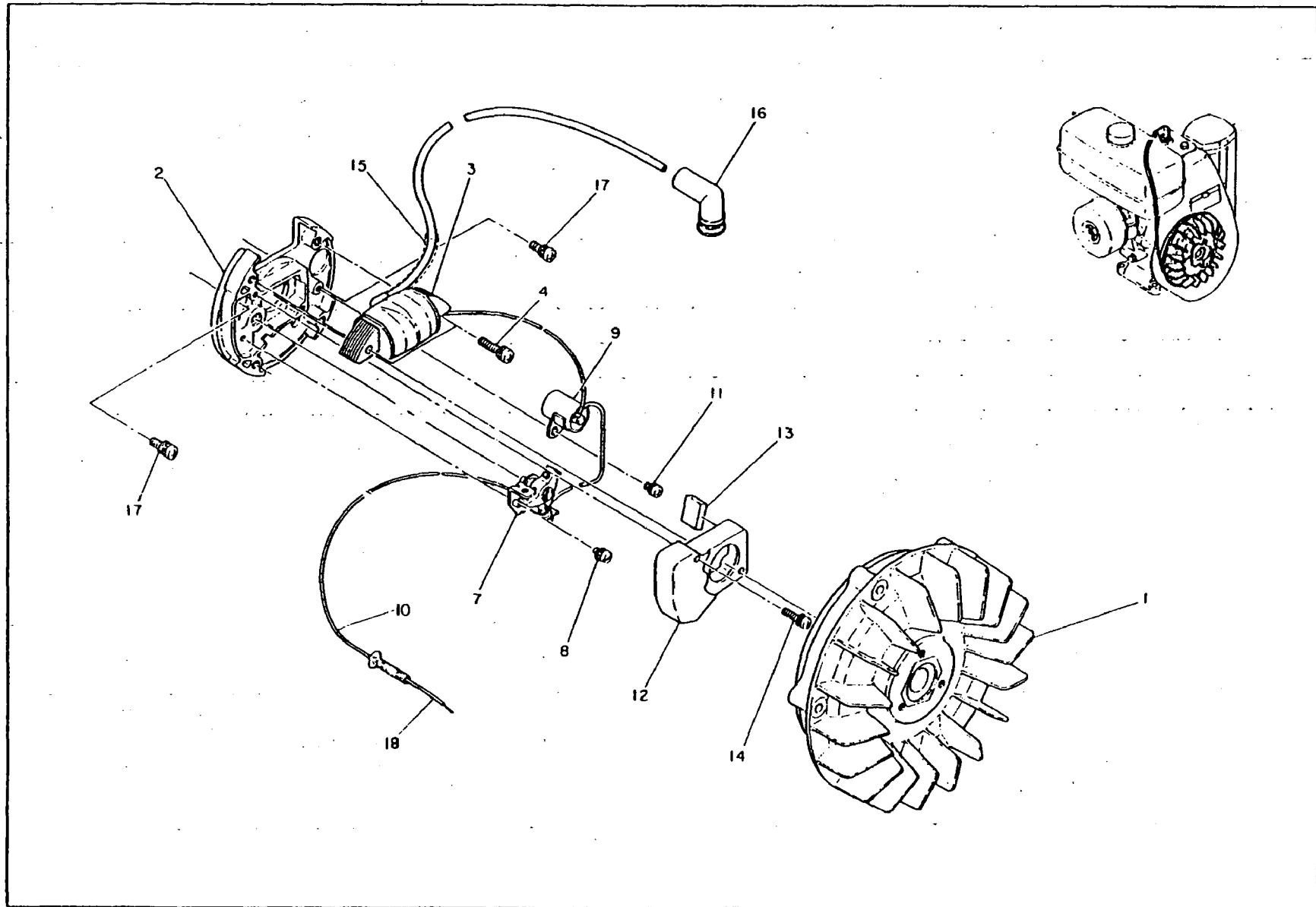


8. Magneto

Ref. No.	Parts Number	Parts Name	Qty.	Description	
*	107 70140 00	Magneto Ass'y	1	Incl. 1-4, 7-15	
1	107 70126 08	Flywheel Compl.	1		
*2	107 70115 08	Generator Ass'y	1	Incl. 2-4, 7-15	
3	107 70132 08	Ignition Coil	1		
4	107 70150 08	Screw and Washer Ass'y	2		
7	107 70215 08	Breaker Compl.	1		
8	107 70160 08	Screw and Washer Ass'y	1		
9	107 70210 08	Condenser Compl.	1		
10	107 70243 08	Cord Compl.	1		
11	107 70152 08	Screw and Washer Ass'y	1		
*12	107 70220 08	Breaker Cover	1	Incl. 14	
13	107 70225 08	Oil Felt	1		

8.

MAGNETO

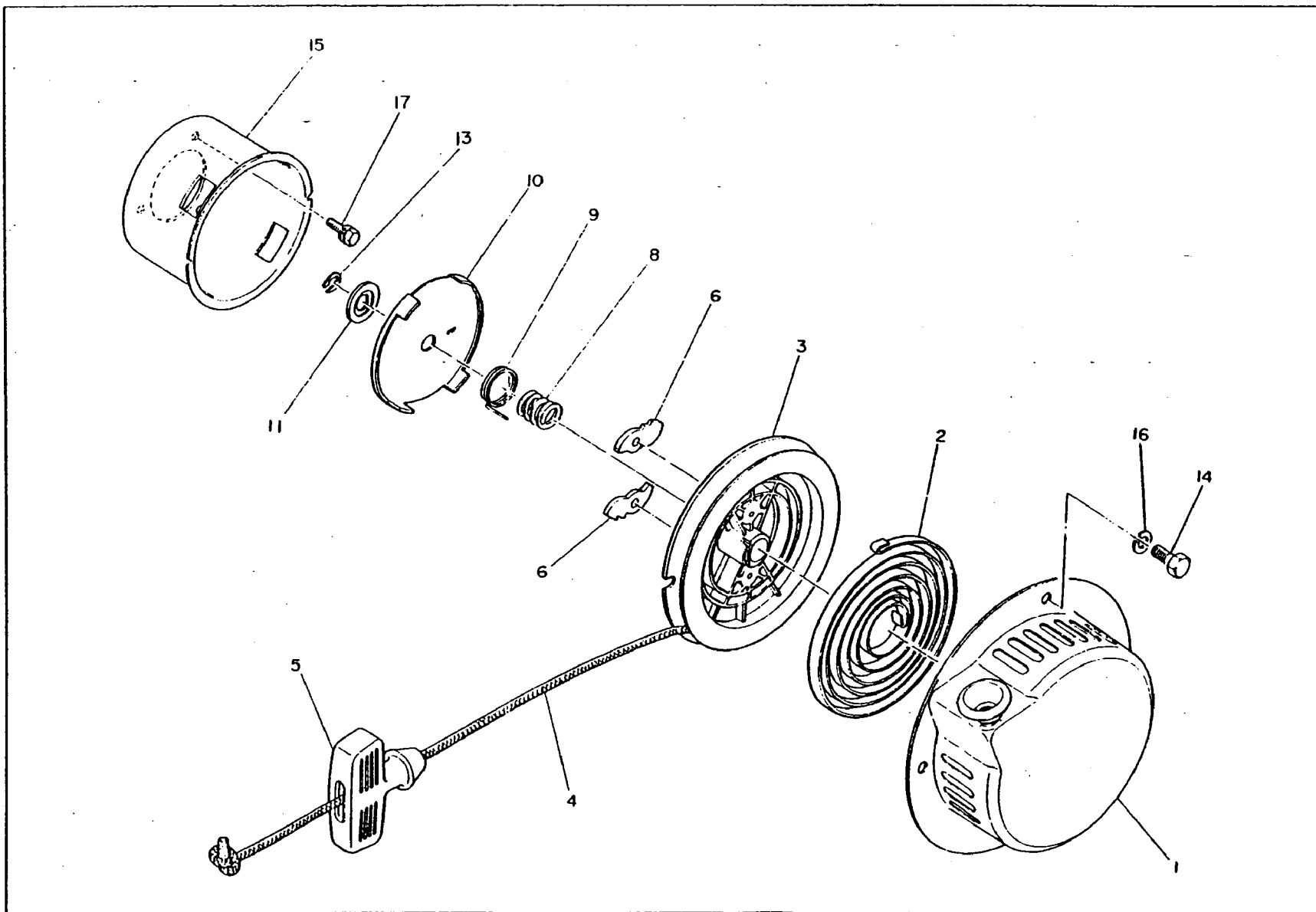


8. Magneto

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9.

RECOIL STARTER

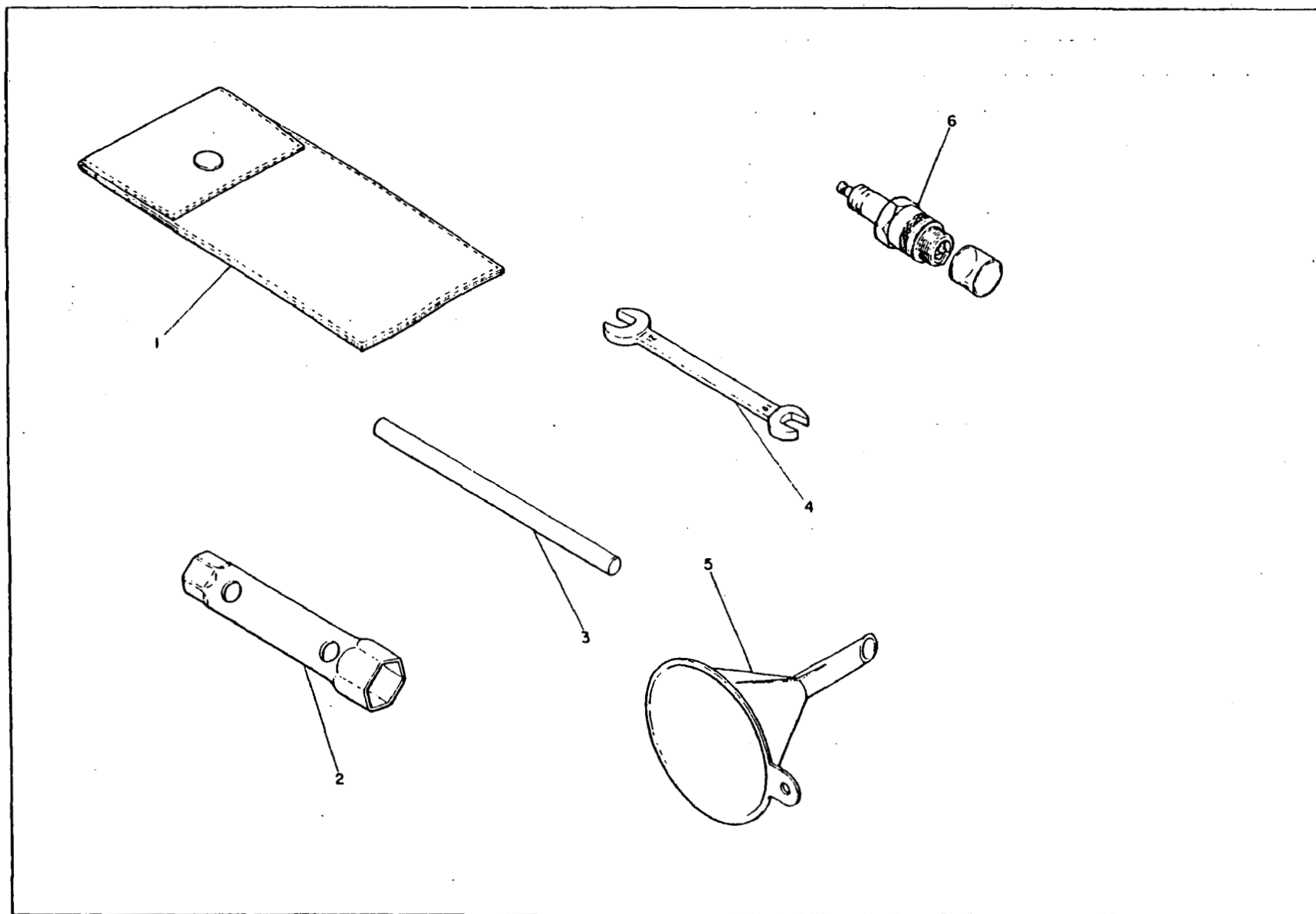


9. Recoil Starter

Ref. No.	Parts Number	Parts Name	Qty.	Description	
*1	107 50114 20	Recoil Starter Ass'y	1	Incl. 2-13, 15	
2	107 50115 08	Spiral Spring	1		
4	206 50112 08	Starter Rope	1		
5	206 50101 08	Starter Knob Compl.	1		
6	106 50128 18	Ratchet	2		
8	106 50132 08	Friction Spring	1		
9	106 50136 18	Return Spring	1		
10	106 50144 08	Friction Plate	1		
11	106 50185 08	Thrust Washer	1		
13	106 50186 08	Clip	1		
14	001 66061 20	Bolt	4		
15	107 50147 18	Starter Pulley	1		
16	003 20060 00	Spring Washer	4		
17	001 10061 20	Bolt and Washer Ass'y	3		

10.

ACCESSORIES and OPTIONAL EQUIPMENTS



10. Accessories

[illegible]

NOTES



Robin America, Inc.

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