

# MGE Series Generators

## Model

**MGE4000REU**

## Parts Breakdown

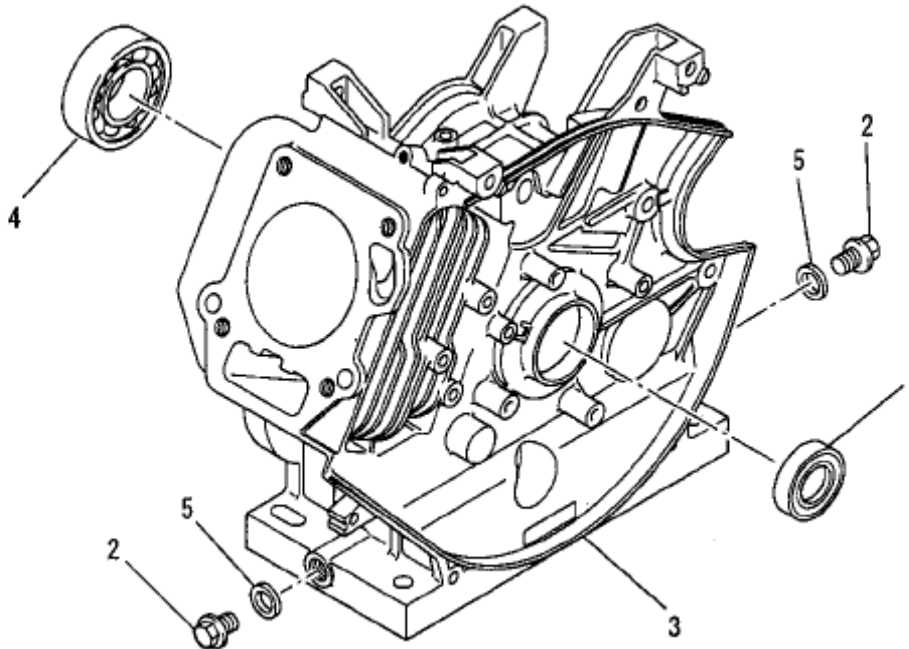
## Remarks on Parts Catalog

1. This parts catalog contains all parts for the MITSUBISHI GENERATOR "MGE4000ZREA."
2. The figures in drawings are the index number of the parts.
3. When ordering parts, please clarify the part number and name or engine model name and give to your dealer.
4. Please note that part numbers may be changed periodically without notice.

**Table of Contents**

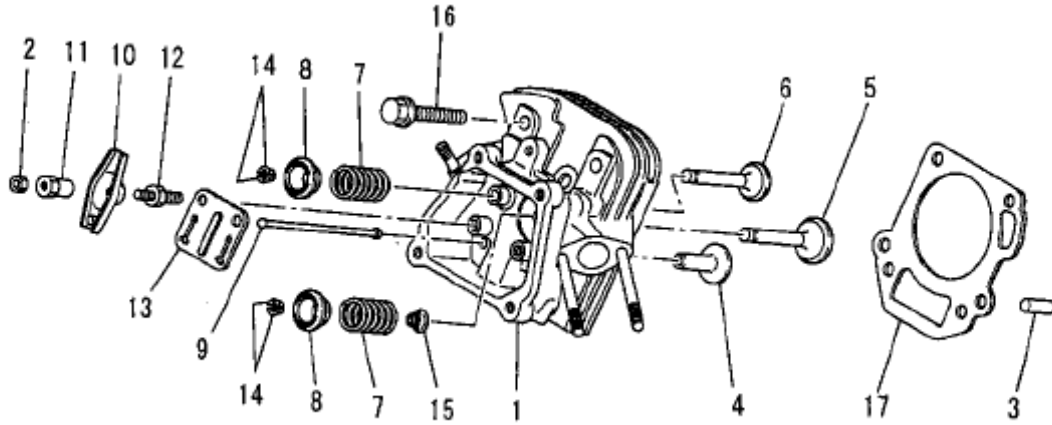
	Page
A. Cylinder Block Group	4
B. Cylinder Head Group	5, 6
C. Head Cover Group	7
D. Case Cover Group	8
E. Crankshaft Group	9
F. Piston and Rod Group	10
G. Magnet Group	11
H. Air Cleaner Group	12, 13
I. Carburetor Group	14, 15, 16
J. Control Panel Group	17, 18
K. Fan Cover Group	19
L. Cylinder Cover Group	20
Q. Cell Group	21, 22
R. Recoil Starter Group	23
W. Oil Sensor Group	24
1. Bolt, Clamp Cover, Etc.	25
2. Lead Wire, Plug	26
3. Label, Fuel Hose	27
4. Tool Set, Etc.	28, 29, 30
5. Gasket Set	31
6. Frame and Tank	32, 33, 34
7. Generator	35, 36
8. Control Box	37, 38, 39, 40

## A. CYLINDER BLOCK GROUP



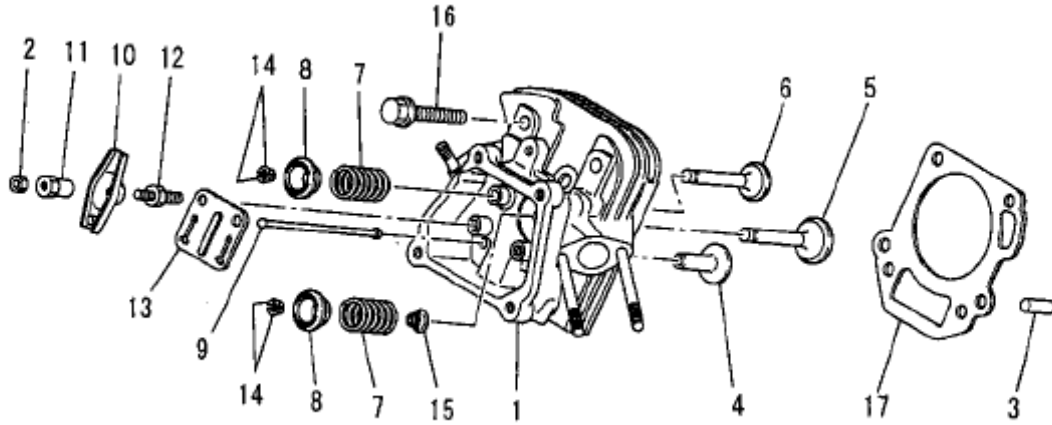
Number	Part Number	Parts Name	Number Required	Remarks
1	FA28011	Oil Seal	1	
2	FN11223	Plug, Drain	2	
3	KB46007DA	Cylinder Block	1	
4	S111X62X060	Bearing, Ball	1	#6206
5	ZZ70013A	Gasket	2	

## B. CYLINDER HEAD GROUP



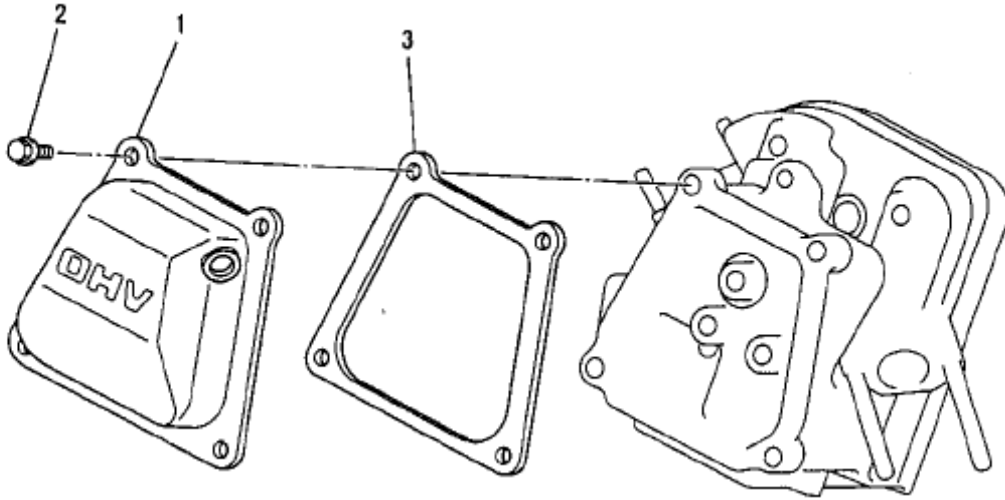
Number	Part Number	Parts Name	Number Required	Remarks
1	KC02028BA	Cylinder Head Assembly	1	With B155B06X085
2	KU23009AA	Nut	2	
3	KU44001AA	Pin, Dowel	2	
4	KV24003AA	Tappet	2	
5	KV35002BA	Valve, Intake	1	
6	KV45002AA	Valve, Exhaust	1	
7	KV55006AA	Spring, Valve	2	
8	KV65003AA	Retainer, Valve Spring	2	
9	KV71004AA	Rod, Push	2	
10	KV72003AA	Arm, Rocker	2	
11	KV73002AA	Nut	2	
12	KV74002AA	Bolt	2	

## B. CYLINDER HEAD GROUP



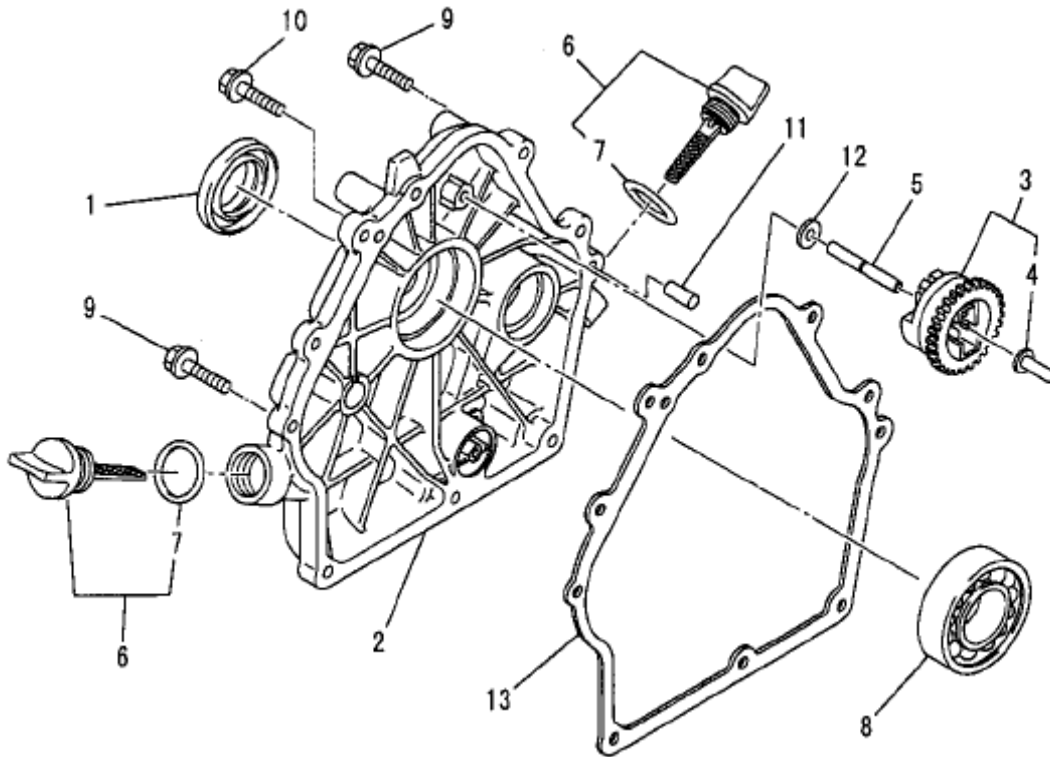
Number	Part Number	Parts Name	Number Required	Remarks
13	KV75006AA	Plate	1	
14	KV75007AA	Cotter	4	
15	KW21019AA	Seal, Valve Stem	1	
16	B800B10X065	Bolt, Flange	4	
17	KC66009AA	Gasket, Head	1	

### C. HEAD COVER GROUP



Number	Part Number	Parts Name	Number Required	Remarks
1	KC09002AA	Cover, Head	1	
2	B805B06X012	Bolt, Flange	4	
3	KW33002AA	Gasket, Head Cover	1	

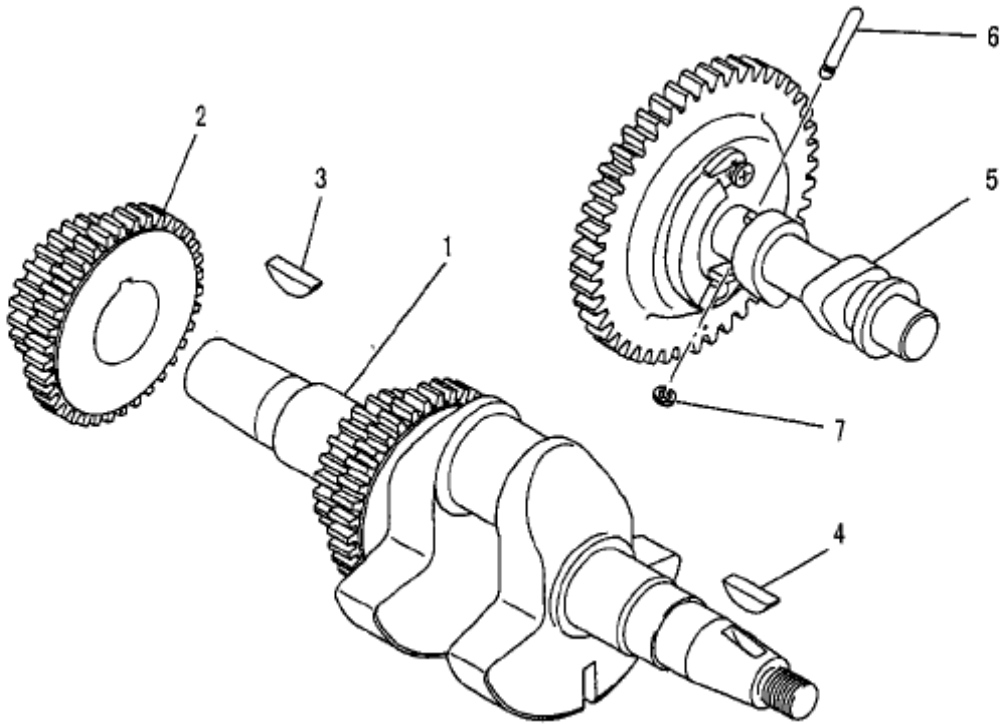
## D. CASE COVER GROUP



Number	Part Number	Parts Name	Number Required	Remarks
1	FA29008	Oil Seal	1	
2	KB66007GA	Cover, Crankcase	1	
3	KG01003CA	Governor Gear Assy.	1	Incl. No. 4
4	KG14004AA	Slider, Gov.	1	
5	KG22004AA	Shaft, Gov.	1	
6	KL21005EA	Gauge, Oil	2	Incl. No. 7
7	KW29006AA	O-Ring	2	
8	S111X62X060	Bearing, Ball	1	#6206
9	B800B08X030	Bolt, Flange	8	
10	KU14031AA	Bolt, Flange	1	
11	KU44001AA	Pin, Dowel	2	
12	W200H06	Washer	1	
13	KW31007AA	Gasket, Crankcase	1	

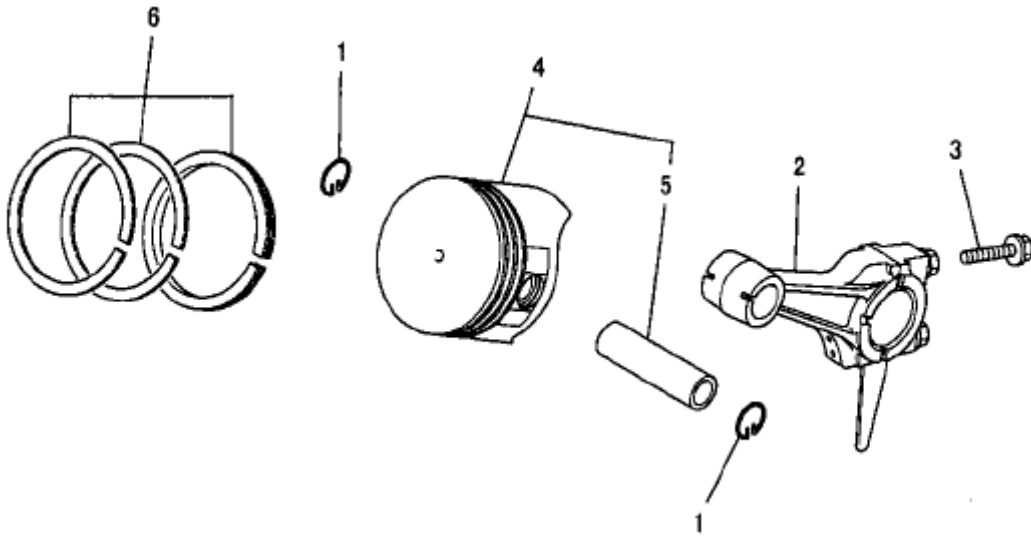


## E. CRANKSHAFT GROUP



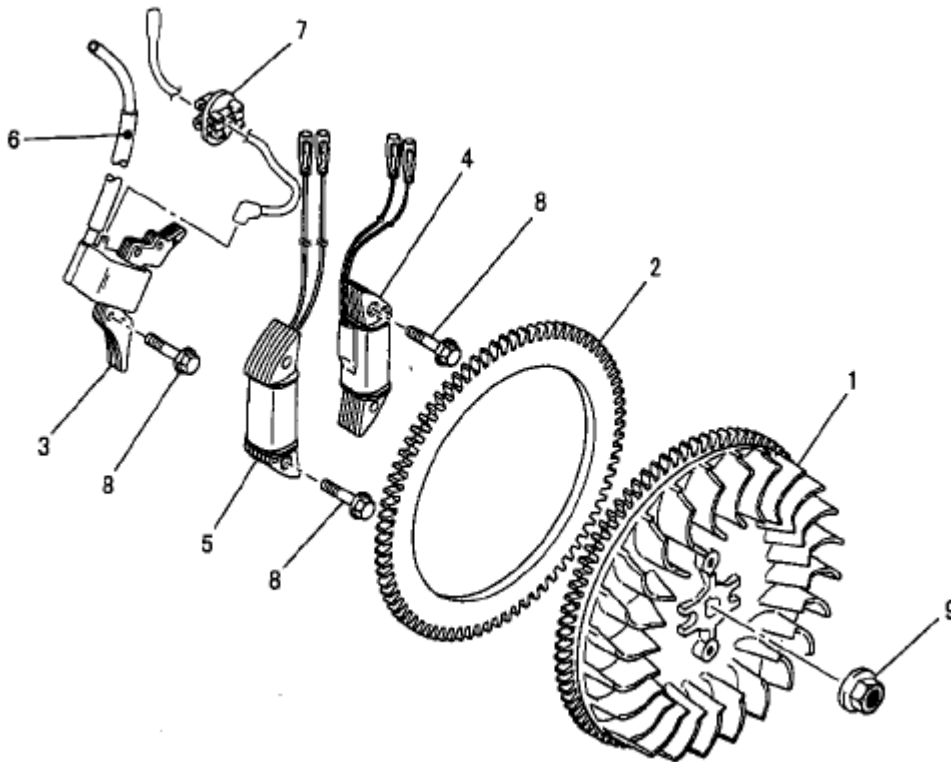
Number	Part Number	Parts Name	Number Required	Remarks
1	KD02059EA	Crankshaft Assy.	1	Inc. No. 2,3
2	KD63040AA	Gear, Crankshaft	1	
3	KD90012AA	Key, Woodruff	1	
4	W430B05X016	Key, Woodruff	1	
5	KV01196AA	Camshaft Gear Assy.	1	Incl. No. 6, 7
6	KV83009FA	Pin	1	
7	S500P03	Snap Ring	1	

## F. PISTON AND ROD GROUP



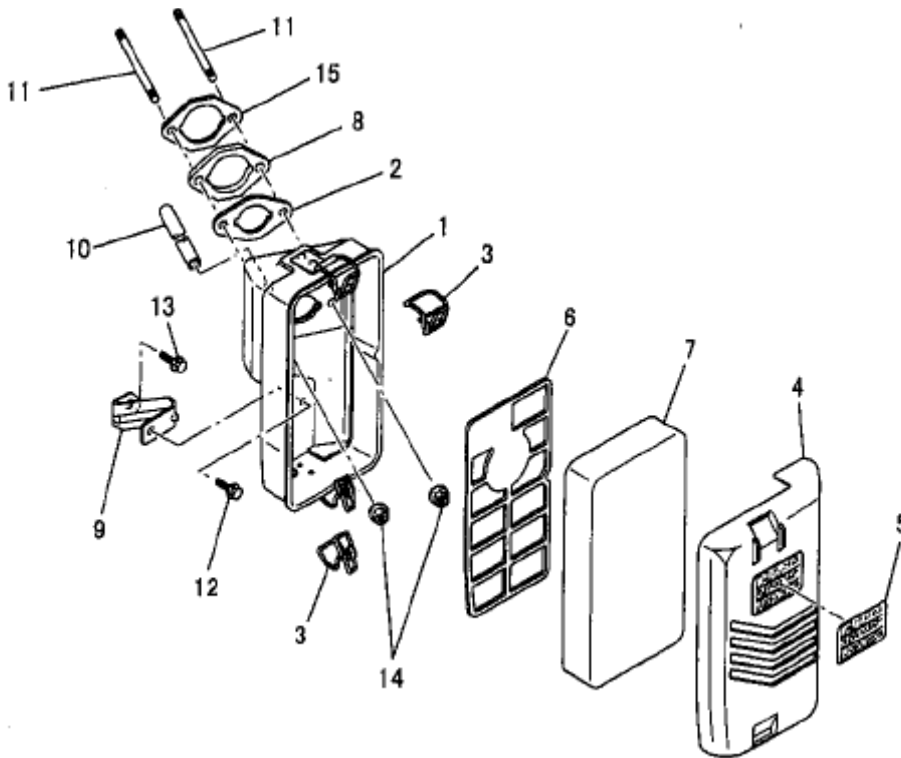
Number	Part Number	Parts Name	Number Required	Remarks
1	BG04486	Clip, Piston Pin	2	
2	KD03020AA	Connecting Rod Assy.	1	Std. Incl. No. 3
2	KD03020BA	Connecting Rod Assy.	1	US 0.25 Incl. No. 3
2	KD03020CA	Connecting Rod Assy.	1	US 0.50 Incl. No. 3
3	KD70001AA	Bolt	2	
4	KP01048AA	Piston Set	1	Std. Incl. No. 5
4	KP01048BA	Piston Set	1	OS 0.25 Incl. No. 5
4	KP01048CA	Piston Set	1	OS 0.50 Incl. No. 5
5	KP57002AA	Pin, Piston	1	
6	KP02010AA	Piston Ring Set	1	Std
6	KP02010BA	Piston Ring Set	1	OS 0.25
6	KP02010CA	Piston Ring Set	1	OS 0.50

## G. MAGNET GROUP



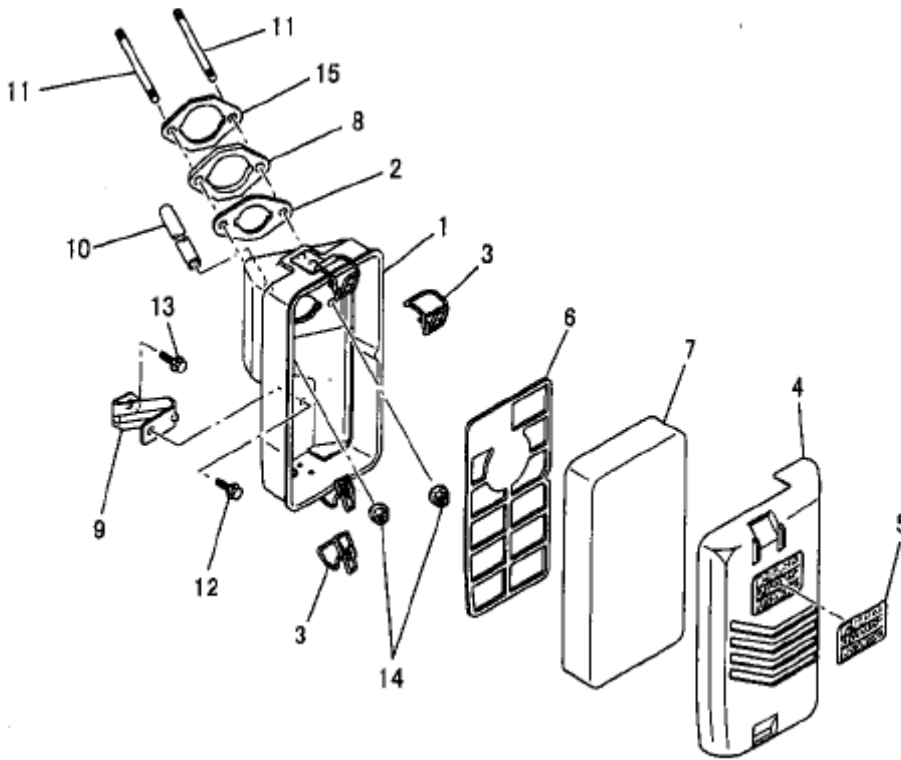
Number	Part Number	Parts Name	Number Required	Remarks
1	KE02076AA	Flywheel Gear Assy.	1	Incl. No. 2
2	KS90020BA	Gear, Ring	1	
3	KE24010BA	Coil, Ignition	1	
4	KE25001BA	Coil, Lighting	1	
5	KE25002AA	Coil, Charge	1	
6	KE90073AA	Tube	1	
7	KU70007AA	Clip	1	
8	B805B06X030	Bolt, Flange	6	
9	FA29015	Nut, Flange	1	

## H. AIR CLEANER GROUP



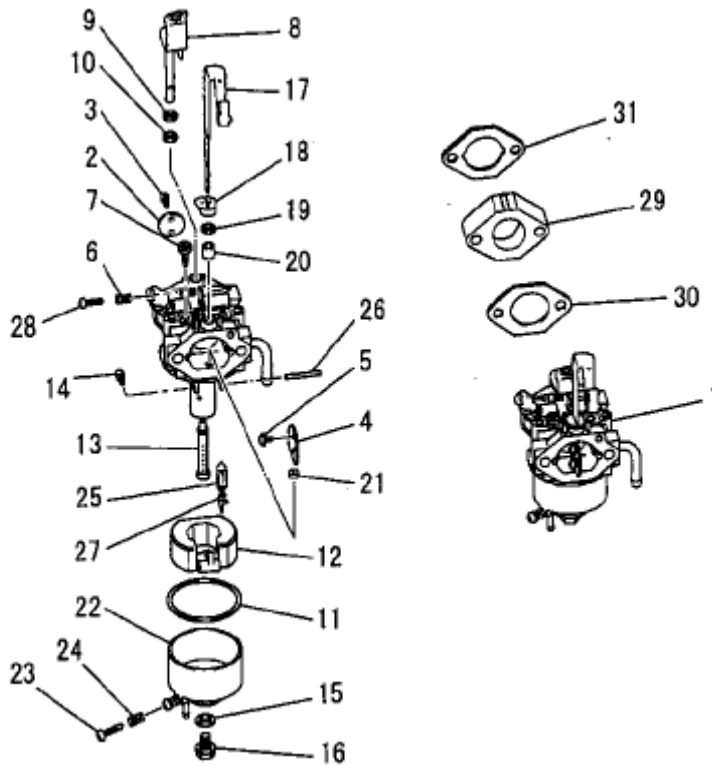
Number	Part Number	Parts Name	Number Required	Remarks
1	KA11009AA	Case, Cleaner	1	Incl. No. 2, 3
2	KA11004BA007	Gasket	1	
3	KA90144AA	Holder	2	
4	KA20045AA	Cover, Cleaner	1	Incl. No. 5
5	FA24115	Label, Instruction	1	
6	KA30016AA	Grid	1	
7	KA40059AA	Element, Cleaner	1	
8	KA90059CA	Spacer	1	
9	KA90097AA	Bracket	1	
10	ZZ70002M	Tube, Breather	1	
11	B155B06X085	Bolt, Stud	2	
12	B800A06X008	Bolt, Flange	1	

## H. AIR CLEANER GROUP



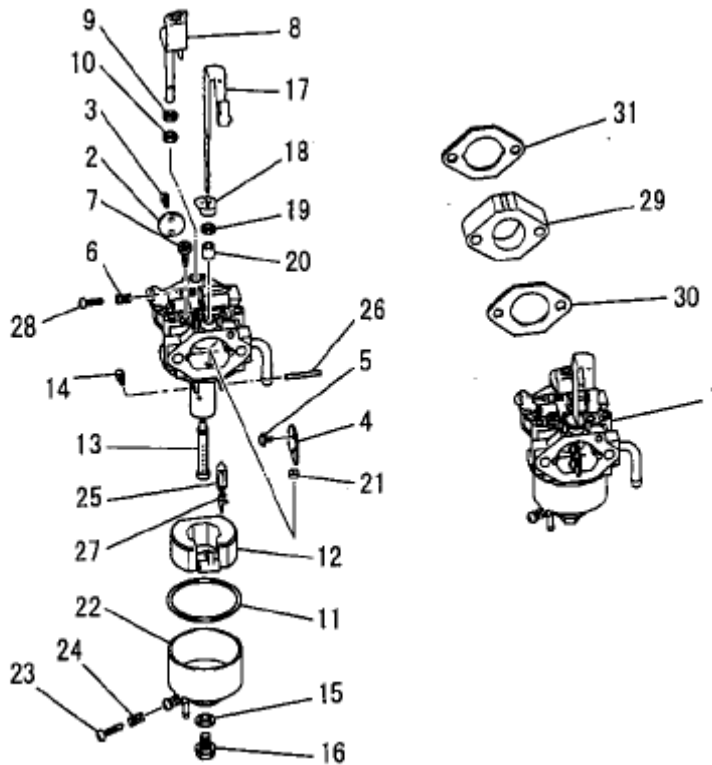
Number	Part Number	Parts Name	Number Required	Remarks
13	B805B06X012	Bolt, Flange	1	
14	N801A06	Nut, Flange	2	
15	KW34005AA	Gasket, Carburetor	1	

## I. CARBURETOR GROUP



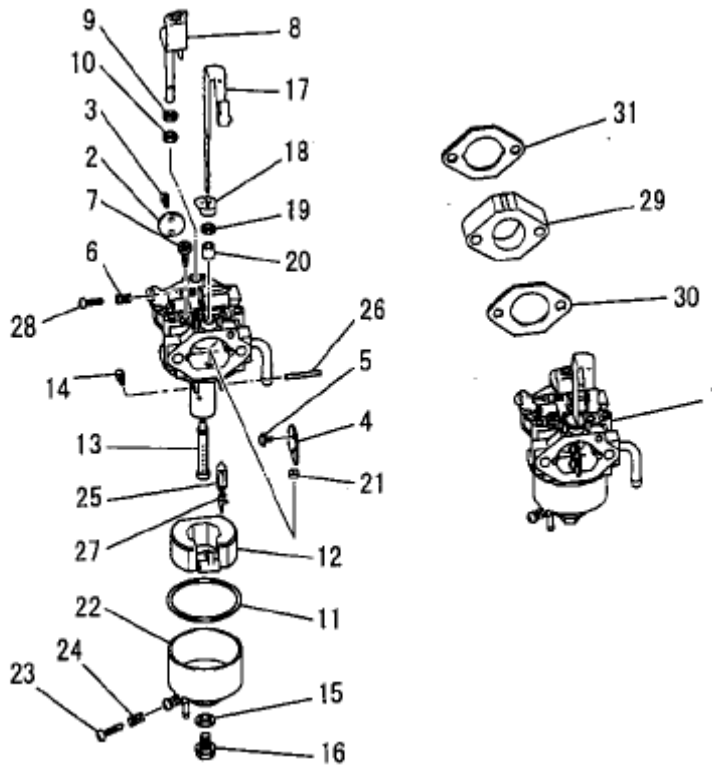
Number	Part Number	Parts Name	Number Required	Remarks
1	KK15012BD	Carburetor (F)	1	Incl. No. 2-29
2	KK15001AA002	Valve, Throttle	1	
3	KK12025AA003	Screw	2	
4	KK15003AE004	Valve, Choke	1	
5	KK12025AA005	Screw	2	
6	FA27080XX003	Spring	1	
7	KK74508BC450	Jet, Pilot	1	
8	KK15008XY011	Shaft, Throttle	1	
9	KK12008AE015	Packing	1	
10	KK12008AE016	Seal	1	
11	KK15003AE014	Packing	1	
12	KK15003AE015	Float	1	

## I. CARBURETOR GROUP



Number	Part Number	Parts Name	Number Required	Remarks
13	KK74524BJ003	Nozzle, Main	1	
14	KK74525CA963	Jet, Main	1	
15	KK15003AE018	Packing	1	
16	KK15003AE019	Bolt	1	
17	KK15012AB020	Lever, Choke	1	
18	KK12008AE018	Ring	1	
19	KK12008AE019	Seal	1	
20	KK12008AE020	Ring	1	
21	KK15003AE024	Ring	1	
22	KK15005DA025	Chamber, Float	1	Incl. No. 23, 24
23	KK15001AA018	Screw	1	
24	FA27080XX003	Spring	1	

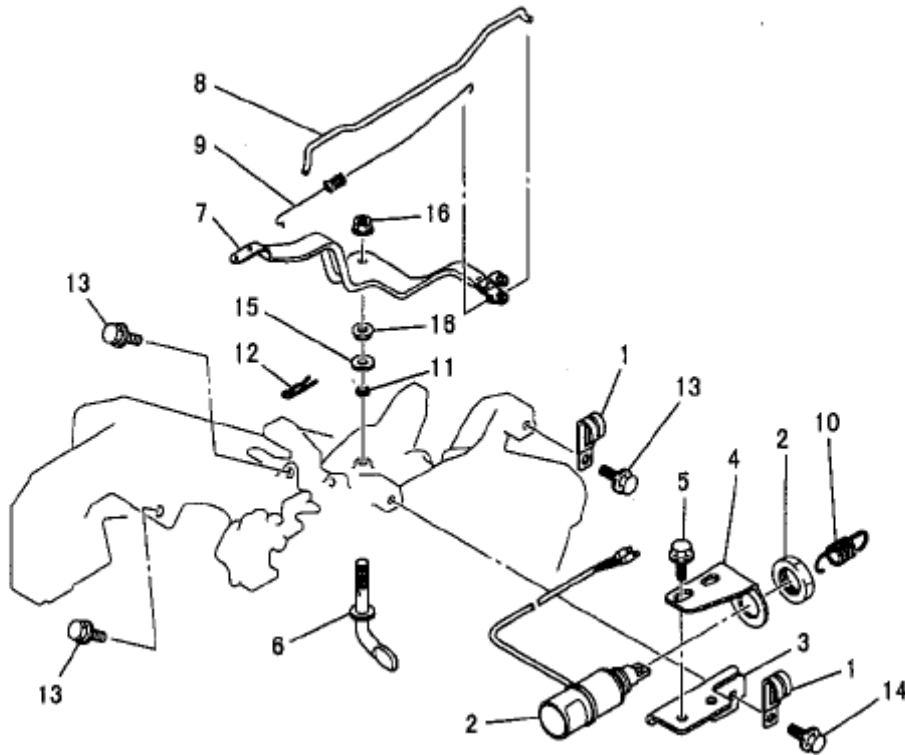
## I. CARBURETOR GROUP



Number	Part Number	Parts Name	Number Required	Remarks
25	KK15003AE026	Valve, Needle	1	
26	KK15003AE027	Pin	1	
27	KK12008AE011	Clip	1	
28	KK12008AE009	Screw	1	
29	KK33007AA	Insulator	1	
30	KW34001AA	Gasket, Carburetor	1	
31	KW34005AA	Gasket, Carburetor	1	

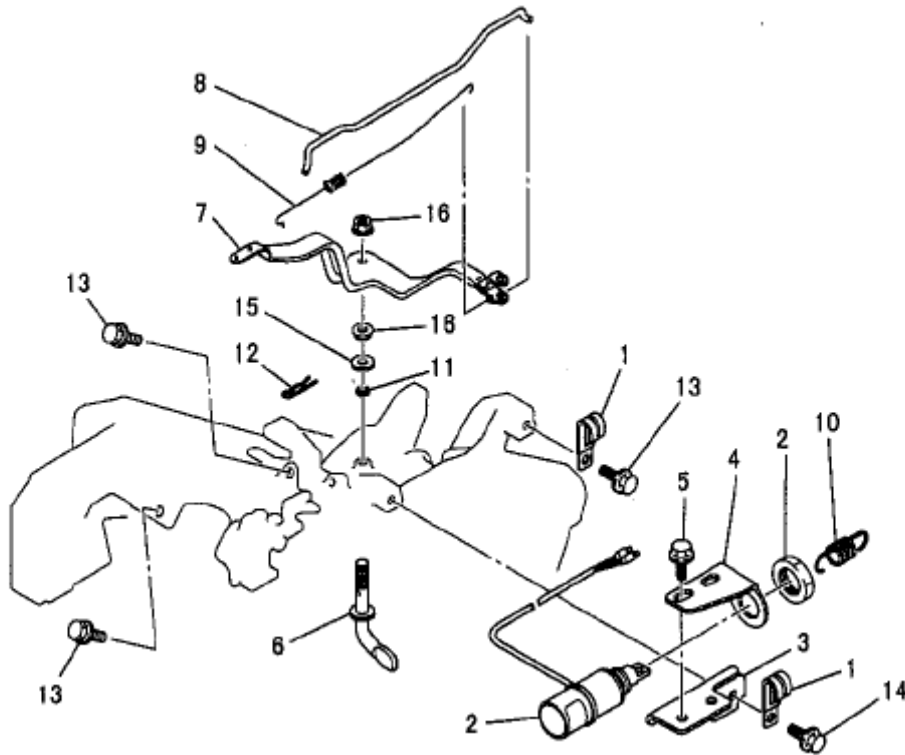


## J. CONTROL PANEL GROUP



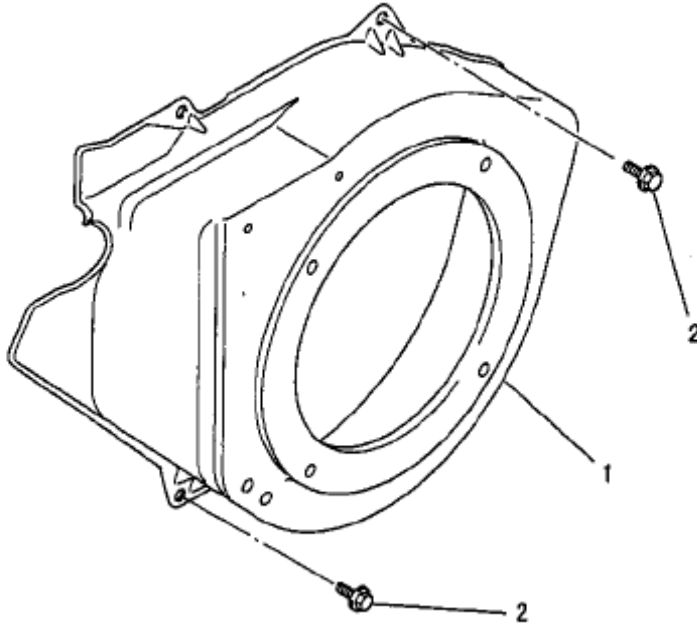
Number	Part Number	Parts Name	Number Required	Remarks
1	FR64917A	Clamp	2	
2	KE09025CA	Solenoid	1	
3	KE90166AA	Plate	1	
4	KE90167BA	Plate	1	
5	B800A06X012	Bolt, Flange	2	
6	KG22006AA	Shaft, Gov	1	
7	KG31014BA	Lever, Gov	1	
8	KG41015AA	Rod, Gov	1	
9	KG42011AA	Spring, Rod	1	
10	KG42015BA	Spring	1	
11	KG90016AA	Seal, Dust	1	
12	KU70006AA	Clip	1	

## J. CONTROL PANEL GROUP



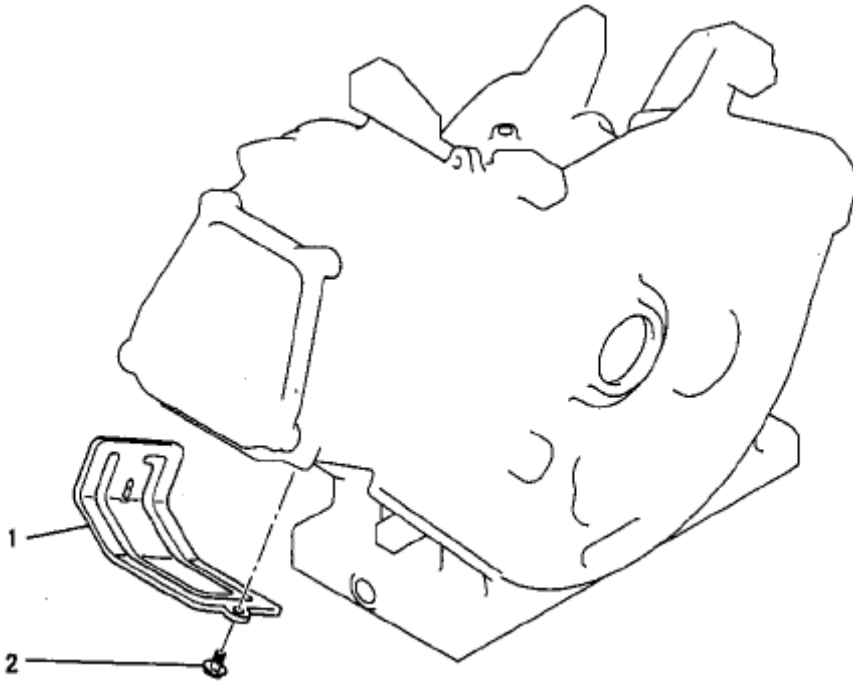
Number	Part Number	Parts Name	Number Required	Remarks
13	B805B06X012	Bolt, Flange	3	
14	B805B06X016	Bolt, Flange	1	
15	KG90015AA	Washer	1	
16	KU24002AA	Nut	2	

## K. FAN COVER GROUP



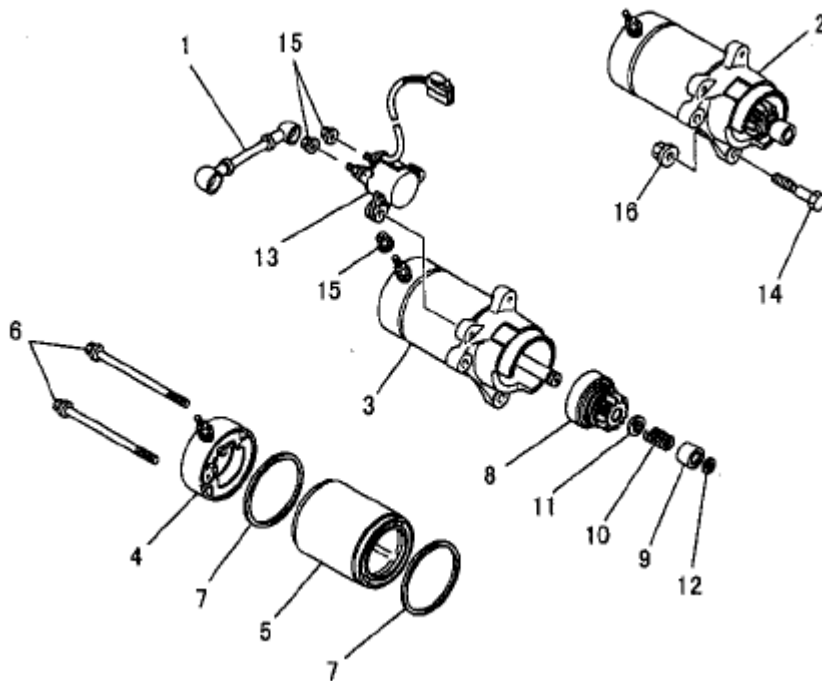
Number	Part Number	Parts Name	Number Required	Remarks
1	KH28005JA	Cover, Fan	1	
2	B805B06X012	Bolt, Flange	4	

## L. CYLINDER COVER GROUP



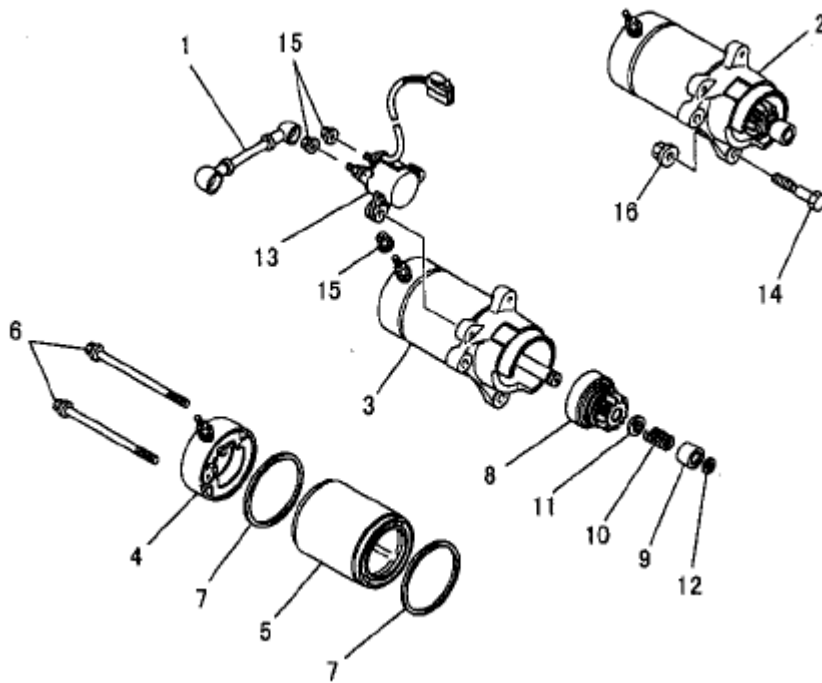
Number	Part Number	Parts Name	Number Required	Remarks
1	KH40020AA	Cover, Cylinder	1	
2	B805B06X012	Bolt, Flange	2	

## Q. CELL GROUP



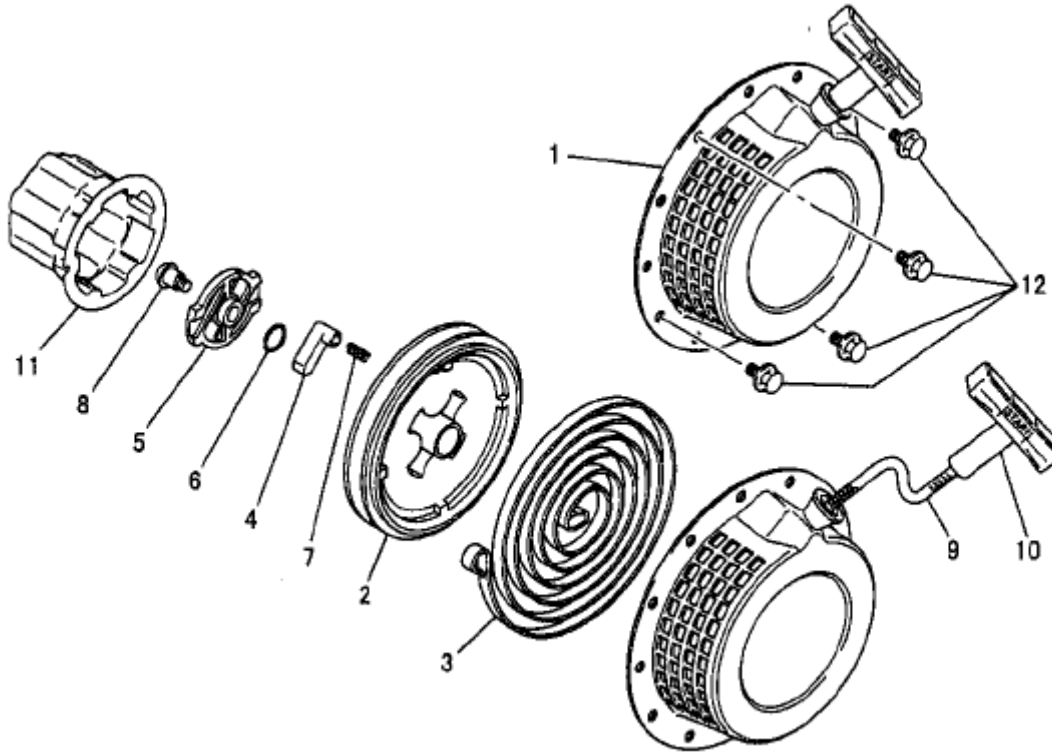
Number	Part Number	Parts Name	Number Required	Remarks
1	KE90170AA	Wire, Lead	1	
2	KS11003AA101	Motor, Starting	1	Incl. No. 3-12
3	KS11003AA102	Motor, Starting	1	Incl. No. 4-7
4	KS11001AA104	Bracket	1	
5	KS11003AA206	Case, Starter	1	
6	KS11001AA106	Bolt	2	
7	KS11001AA107	Ring	2	
8	KS11003AA003	Gear	1	
9	KS11001AA108	Stopper	1	
10	KS11001AA109	Spring, Return	1	
11	KS11001AA110	Washer	1	
12	KS11001AA111	Ring	1	

## Q. CELL GROUP



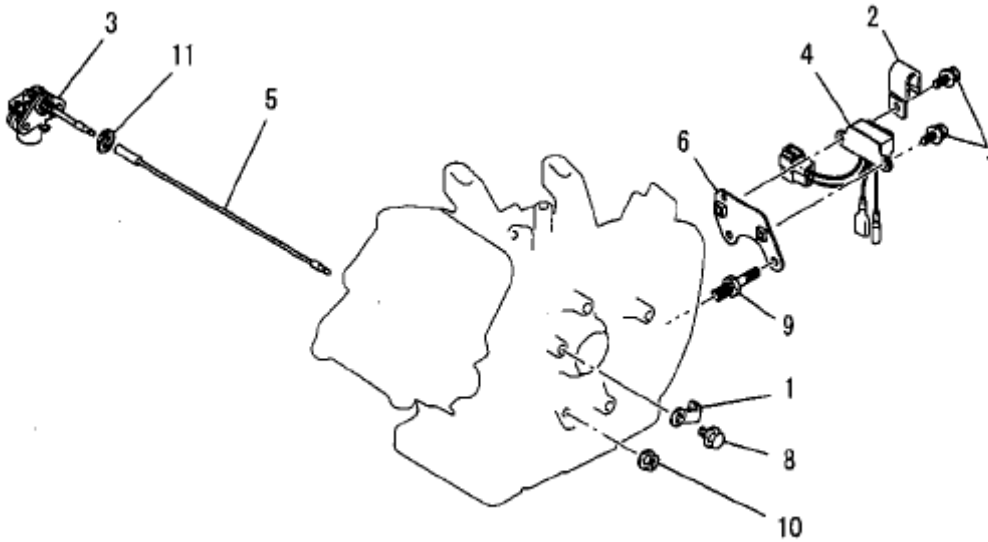
Number	Part Number	Parts Name	Number Required	Remarks
13	KS11012AA022	Starter Relay Assy.	1	
14	FA28198	Bolt, Reamer	2	
15	N801A06	Nut, Flange	4	
16	N801A08	Nut, Flange	2	

## R. RECOIL STARTER GROUP



Number	Part Number	Parts Name	Number Required	Remarks
1	KS02039AD	Recoil Starter Assy.	1	Incl. No. 2-11
2	KS20060AD002	Reel	1	
3	KS20060AD003	Spring, Spiral	1	
4	KS20060AD004	Ratchet	2	
5	KS20061AD005	Guide	1	
6	KS20060AD006	Spring, Friction	1	
7	KS20020AD007	Spring, Return	2	
8	KS20020AD008	Screw	1	
9	KS20035AD013	Rope, Starter	1	
10	KS20060AD014	Knob, Starter	1	
11	KS30020AA	Pulley, Starter	1	
12	B800A06X008	Bolt, Flange	4	

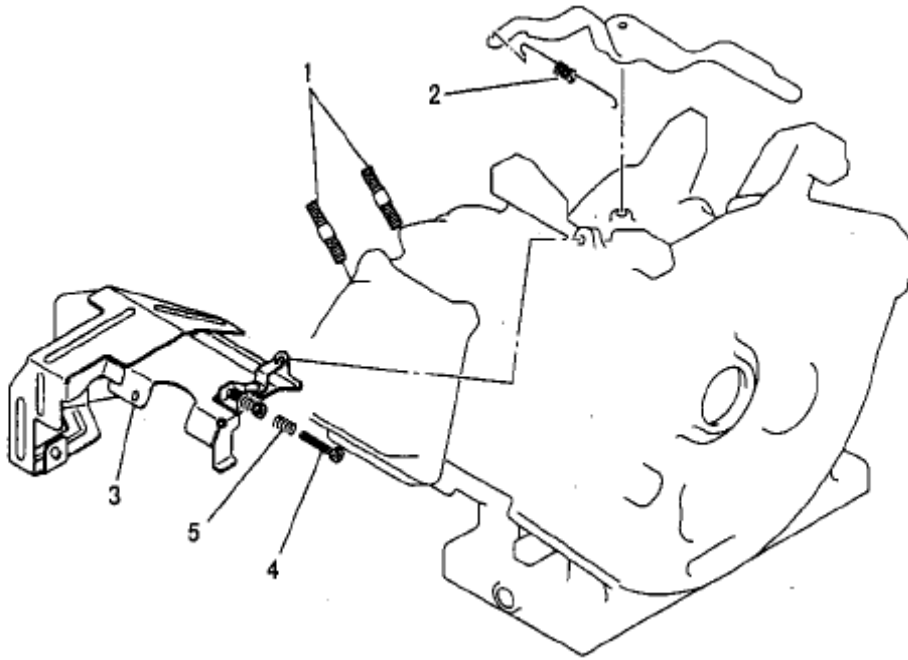
## W. OIL SENSOR GROUP



Number	Part Number	Parts Name	Number Required	Remarks
1	FA41303	Clamp	1	
2	FR64917	Clamp	1	
3	KE09021AA	Sensor, Oil	1	
4	KE33005BA	Unit, Sensor	1	
5	KE90102BA	Wire, Lead	1	
6	KE90168BA	Bracket, Unit	1	
7	B070A05X010	Bolt and Washer	2	
8	B805B06X012	Bolt, Flange	1	
9	KU14037AA	Bolt	2	
10	ZZ70028C	Nut, Conical Spg	1	
11	KW39066AA	Gasket	1	

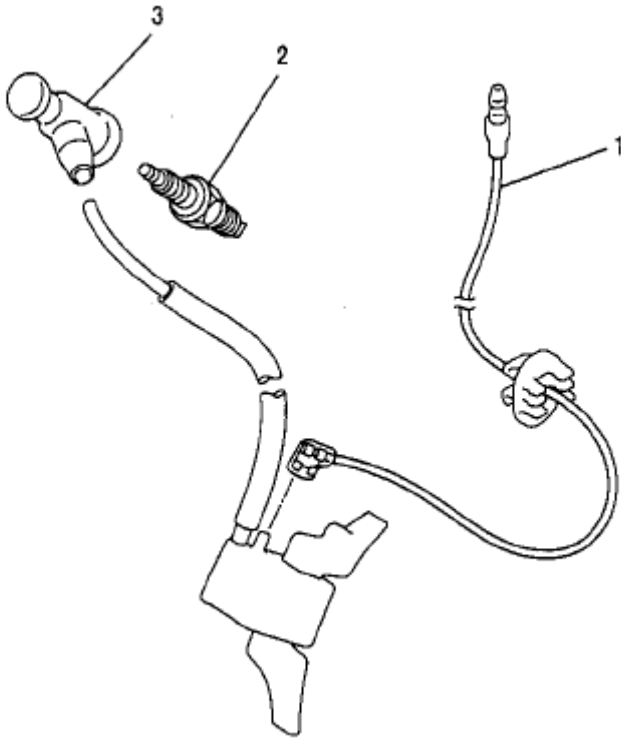


## 1. BOLT, CLAMP, COVER ETC.



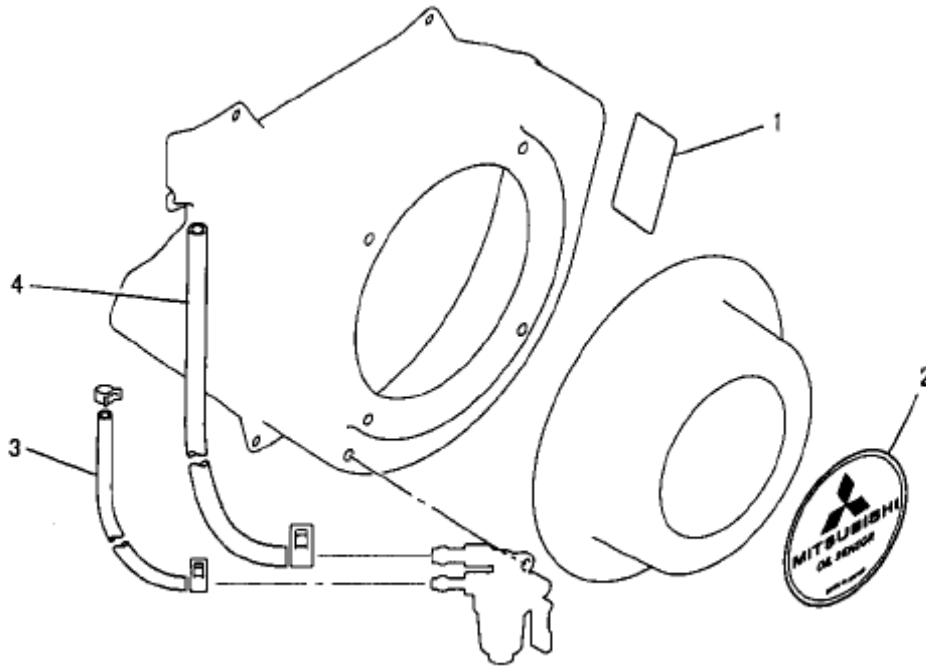
Number	Part Number	Parts Name	Number Required	Remarks
1	B155B08X020	Bolt, Stud	2	
2	KG34017FA	Spring, Gov	1	
3	KH40050AA	Cover, Top	1	Incl. No. 4, 5
4	KU14032AA	Bolt	1	
5	KU80017AA	Spring	1	

## 2. LEAD WIRE, PLUG



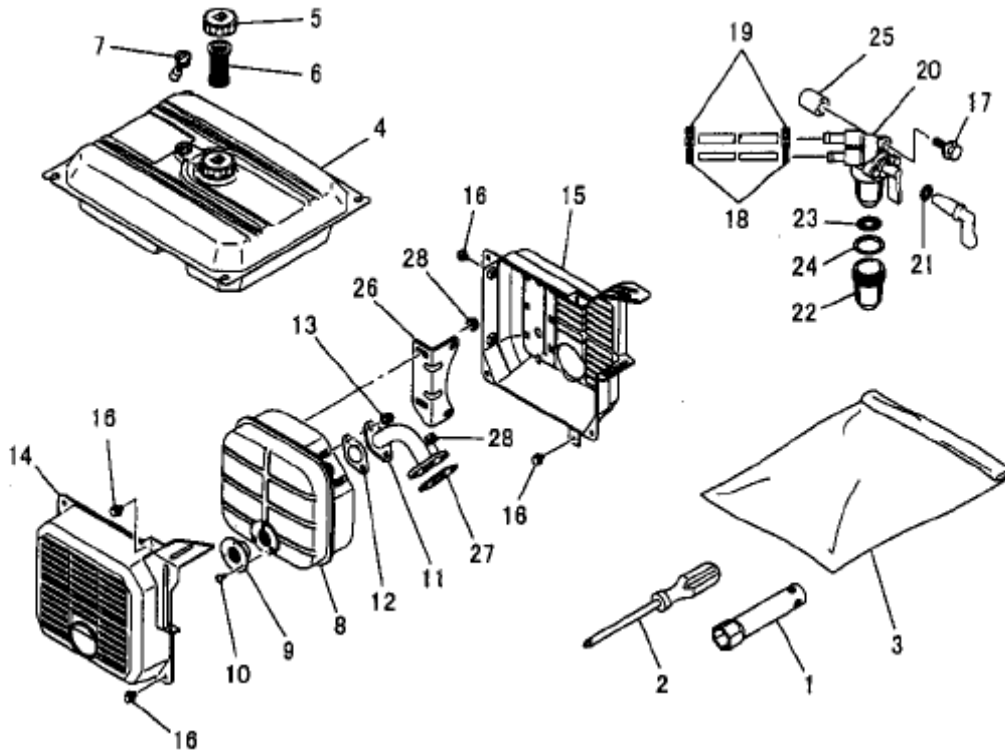
Number	Part Number	Parts Name	Number Required	Remarks
1	KE90101BA	Wire, Lead	1	
2	KE41005AA	Plug, Spark	1	BPR5ES
3	KE42024AA	Cap, Plug	1	

### 3. LABEL, FUEL HOSE



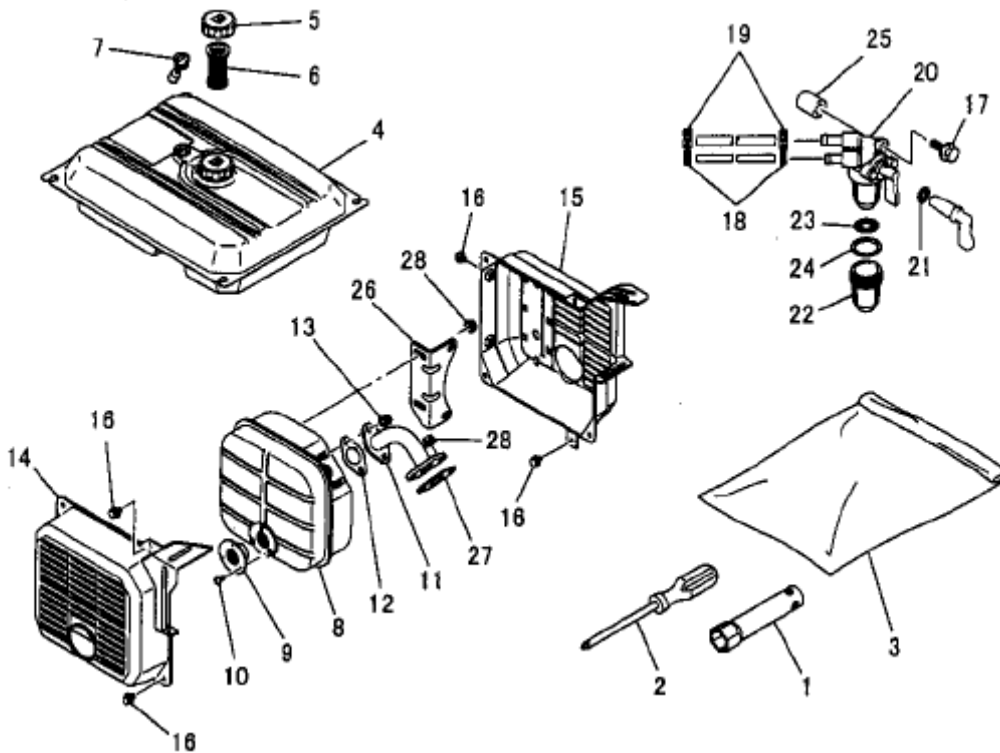
Number	Part Number	Parts Name	Number Required	Remarks
1	KW56198DA	Label	1	
2	KW52185AA	Label, Name	1	
3	P051Y04X220	Hose, Fuel	1	
4	P051Y08X470	Hose, Fuel	1	

#### 4. TOOL SET ETC.



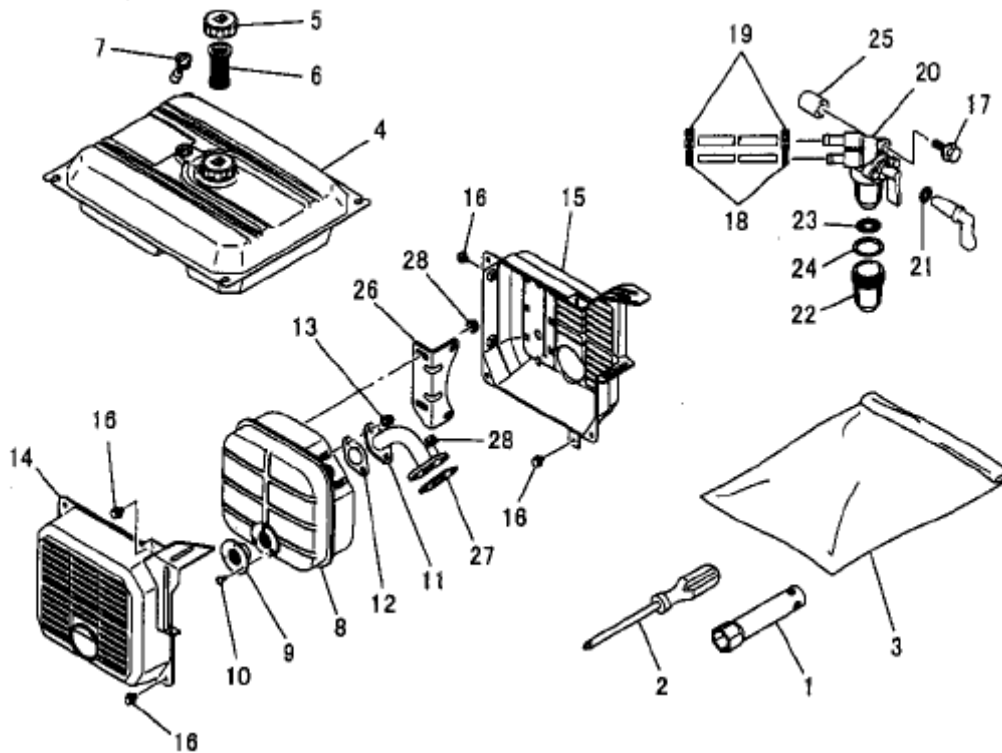
Number	Part Number	Parts Name	Number Required	Remarks
1	KN12004CA	Spanner, Box	1	
2	KN13001AA	Driver, Screw	1	
3	FA21533D	Bag, Tool	1	
4	KF04093AA	Fuel Tank Assy.	1	Incl. No. 5-7
5	KF05010CA	Tank Cap Assy.	1	
6	KF40003AA	Filter, Fuel	1	
7	KF90080DA	Gauge, Oil	1	
8	KM17024AA	Muffler	1	Incl. No. 9, 10
9	KM17024AA015	Screen	1	
10	W006D04X008K	Screw	3	
11	KM30006AA	Pipe, Exhaust	1	
12	KM70032AB	Gasket, Muffler	1	

#### 4. TOOL SET ETC.



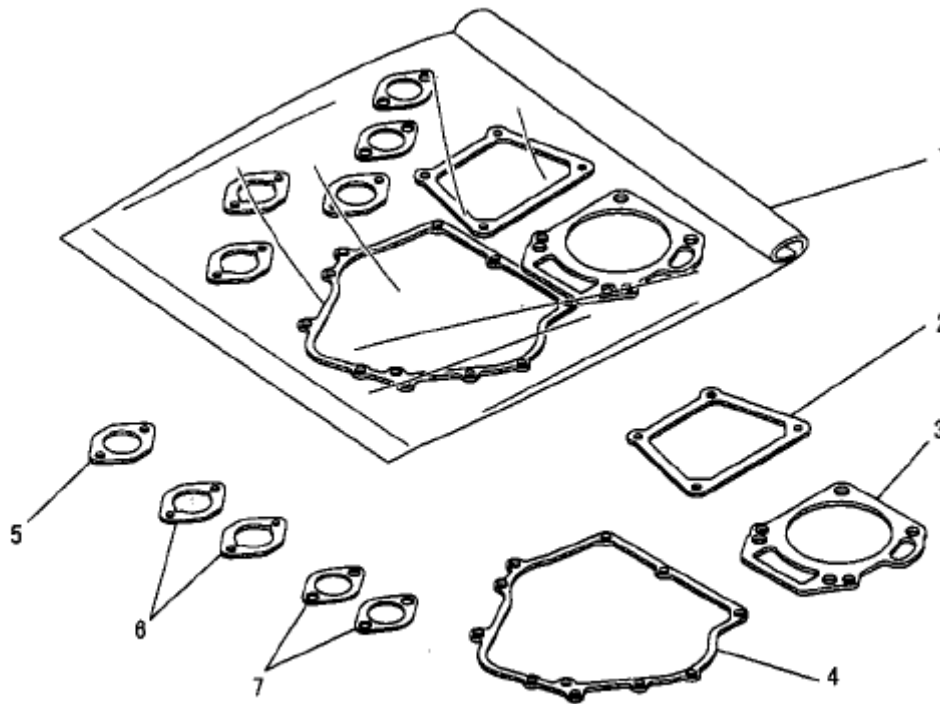
Number	Part Number	Parts Name	Number Required	Remarks
13	ZZ70028C	Nut, Conical Spg	2	
14	KM27043AA	Cover, Muffler	1	
15	KM27044AA	Cover, Muffler	1	
16	B800A06X008K	Bolt, Flange	7	
17	B800A06X025	Bolt, Flange	1	
18	FR53226	Clip	2	
19	FR67419	Clip	2	
20	KF31018AA	Cock, Fuel	1	Incl. No. 21-24
21	KF31010AA001	O-Ring	1	
22	KF31010AA002	Cup	1	
23	KF31018AA003	Filter, Fuel	1	
24	KF31010AA004	Packing	1	

#### 4. TOOL SET ETC.



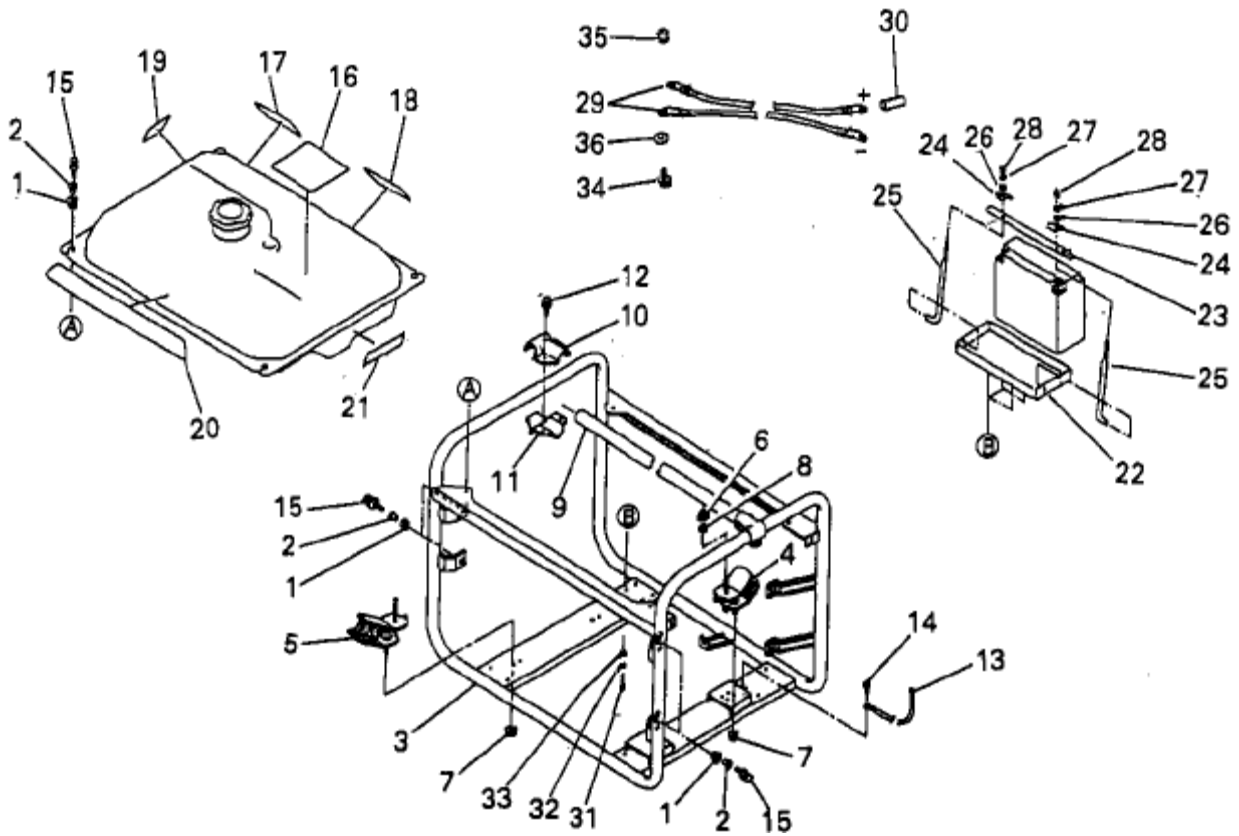
Number	Part Number	Parts Name	Number Required	Remarks
25	KF90105AA	Spacer	1	
26	KM60014AA	Bracket, Muffler	1	
27	KM70032AB	Gasket, Muffler	1	
28	ZZ70028C	Nut, Conical Spg	4	

## 5. GASKET SET



Number	Part Number	Parts Name	Number Required	Remarks
1	KW39058DA	Gasket Set	1	Incl. No. 2-7
2	KW33002AA	Gasket, Head Cover	1	
3	KC66009AA	Gasket, Head	1	
4	KW31007AA	Gasket, Crankcase	1	
5	KW34001AA	Gasket, Carburetor	1	
6	KW34005AA	Gasket, Carburetor	2	
7	KM70032AB	Gasket, Muffler	2	

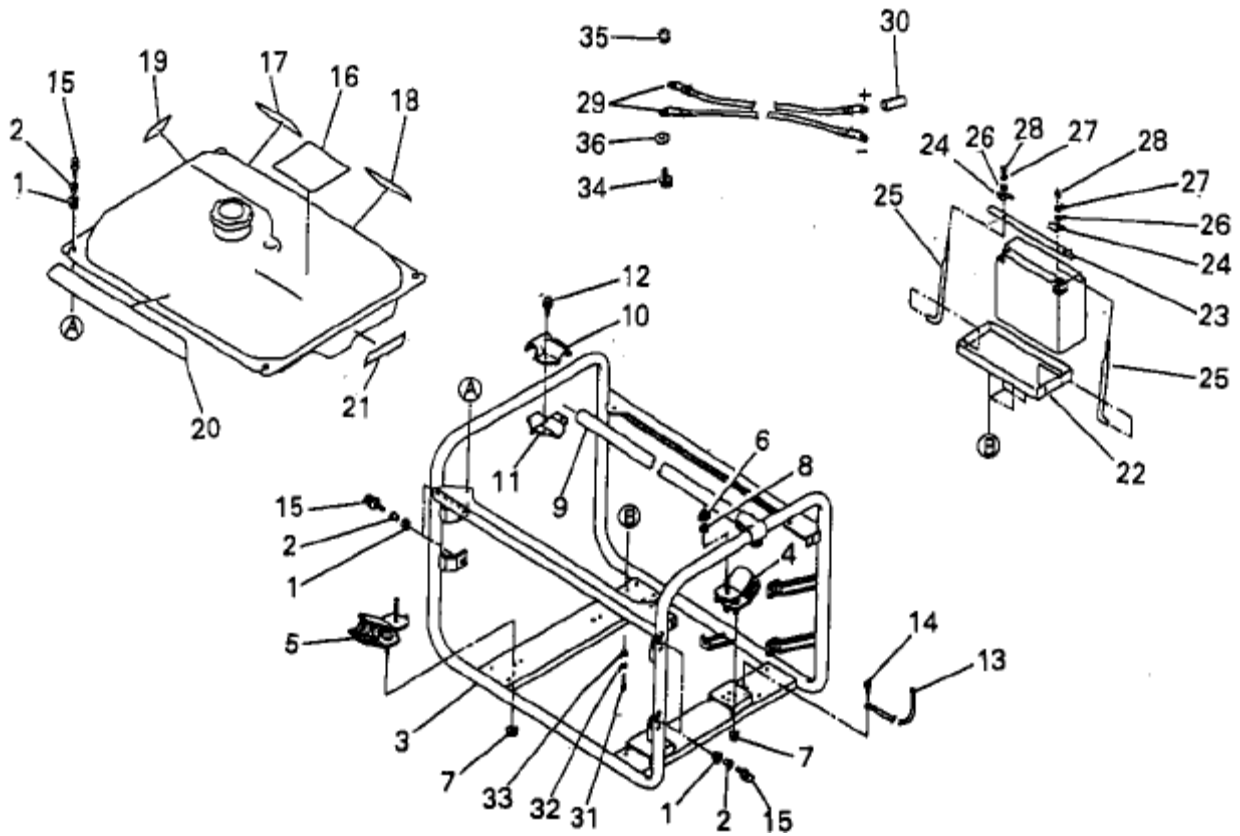
## 6. FRAME AND TANK



Number	Part Number	Parts Name	Number Required	Remarks
1	KU50018AA	Bush	8	
2	KU50019AA	Spacer	8	
3	KYF011003597	MG Pipe Frame UN	1	
4	KYG060000842	MG Rubber Mount UN	2	
5	KYG060000871	MG Rubber Mount UN	2	
6	KY0022010000	Nut, Flange	4	
7	KY0022008000	Nut, Flange	4	
8	KY0030010000	Washer	1	
9	KYF272000021	MG Frame, Pipe	2	
10	KYF052000020	Clamp	4	
11	KYF052000030	Clamp	4	
12	KY0013006020	MG Bolt	8	

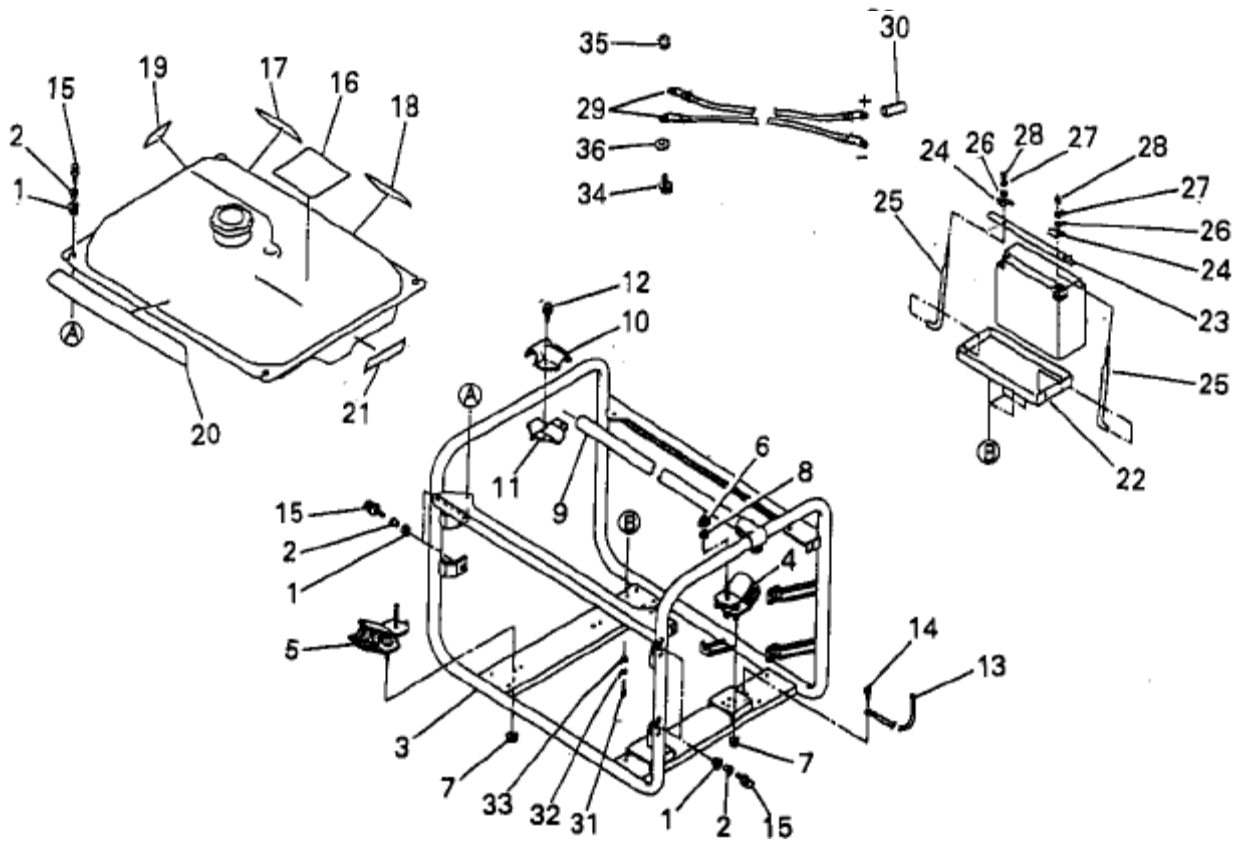


## 6. FRAME AND TANK



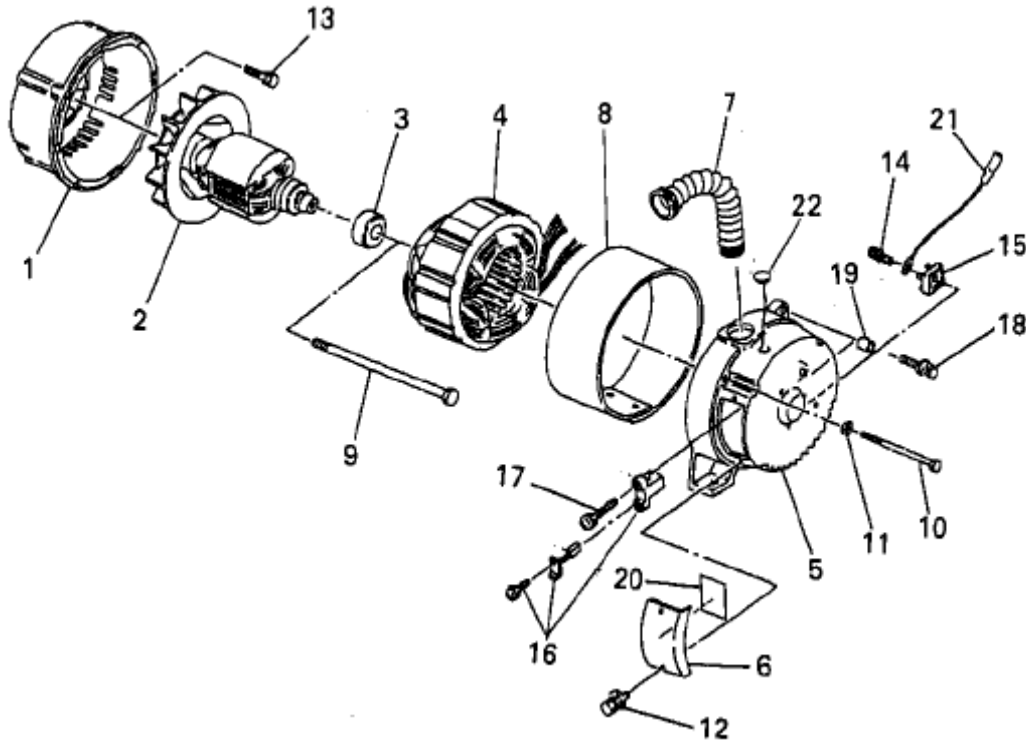
Number	Part Number	Parts Name	Number Required	Remarks
13	KYF070000300	MG Earth Wire	1	
14	KY0011305008	Screw and Washer	1	
15	KY0012906020	MG Bolt, Flange	8	
16	KYT020001740	Label, Caution	1	
17	KYT020001830	Label	1	
18	KYT020001840	Label	1	
19	KYC081000450	Label	1	
20	KYC011400860	Label	1	
21	KY1562514630	MG Label, Spec	1	
22	KYF080000270	MG Bracket	1	
23	KYF090000100	Retainer	1	
24	KYF091000031	MG Spacer	2	

## 6. FRAME AND TANK



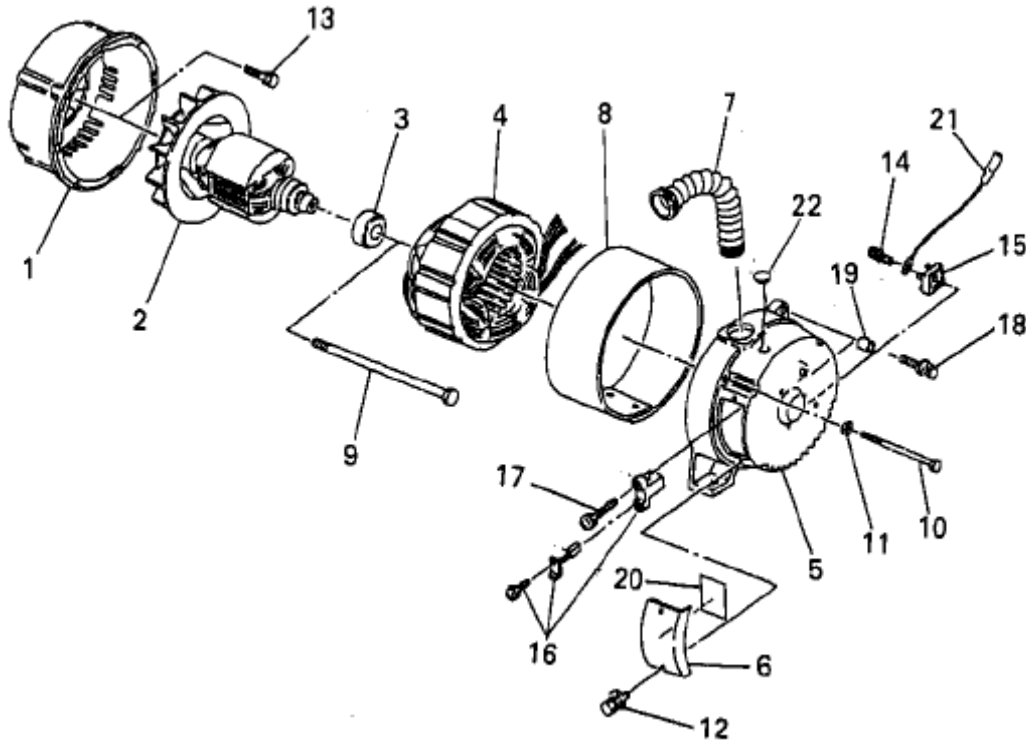
Number	Part Number	Parts Name	Number Required	Remarks
25	KYF100000011	MG Bolt	2	
26	KY0030006000	Washer	2	
27	KY0030306000	Washer, Spg	2	
28	KY0020006000	MG Nut	2	
29	KYB040000470	MG Cord, Battery	1	Incl. No. 30
30	KY0690000010	MG Cap	1	
31	KY0010508015	MG Bolt	4	
32	KY0030308000	Washer, Spg	4	
33	KY0030008000	Washer	4	
34	KY0010508030	Bolt	1	
35	KY0022008000	Nut, Flange	1	
36	KY0030008000	Washer	1	

## 7. GENERATOR



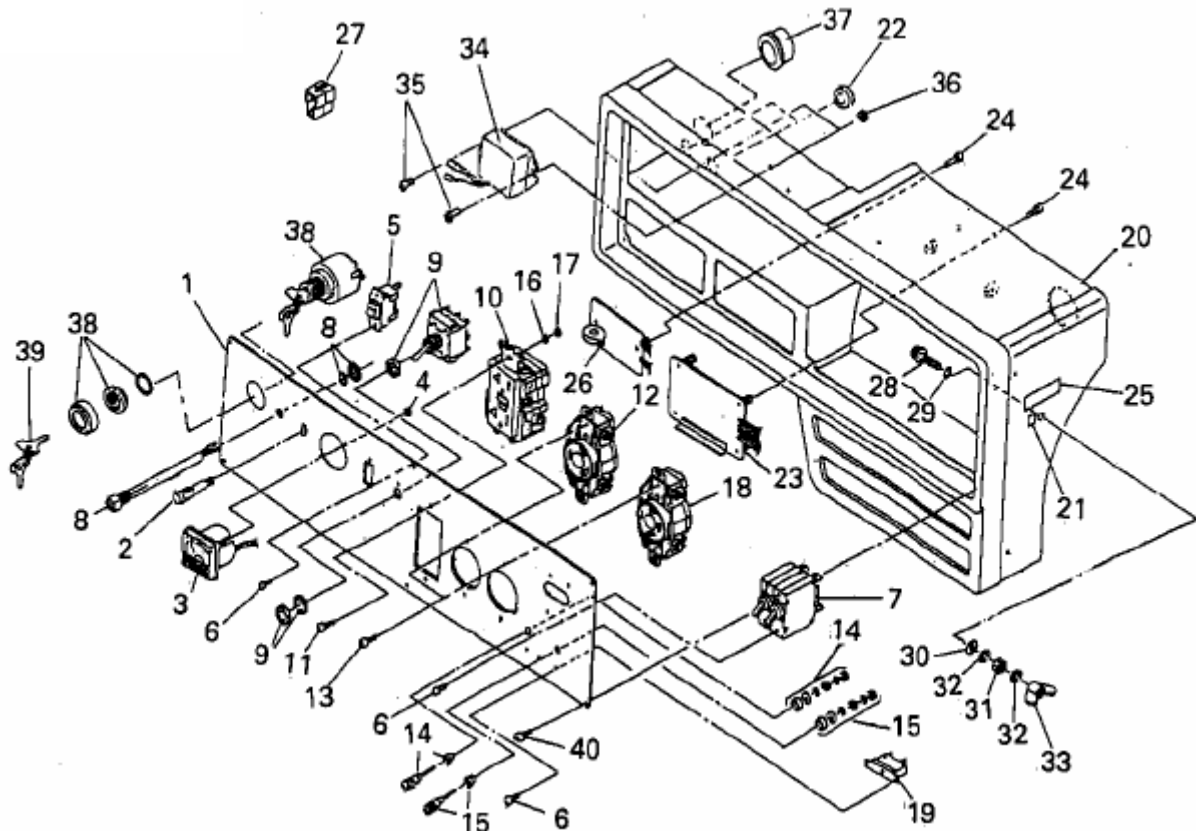
Number	Part Number	Parts Name	Number Required	Remarks
1	KYG010000062	MG Bracket, Front	1	
2	KYG020001802	MG Rotor	1	
3	KY0006205DDU	Bearing, Ball	1	
4	KYG040008150	MG Stator CP	1	
5	KYG080001231	MG Rear Cover	1	
6	KYG110000020	MG Brush Cover	1	
7	KYG070000270	MG Bushing	1	
8	KYG120001311	Cover	1	
9	KY0013510230	Bolt	1	
10	KY0013508140	Bolt	4	
11	KY0030308000	Washer, SPG	4	
12	KY0013705012	Bolt and Washer	2	

## 7. GENERATOR



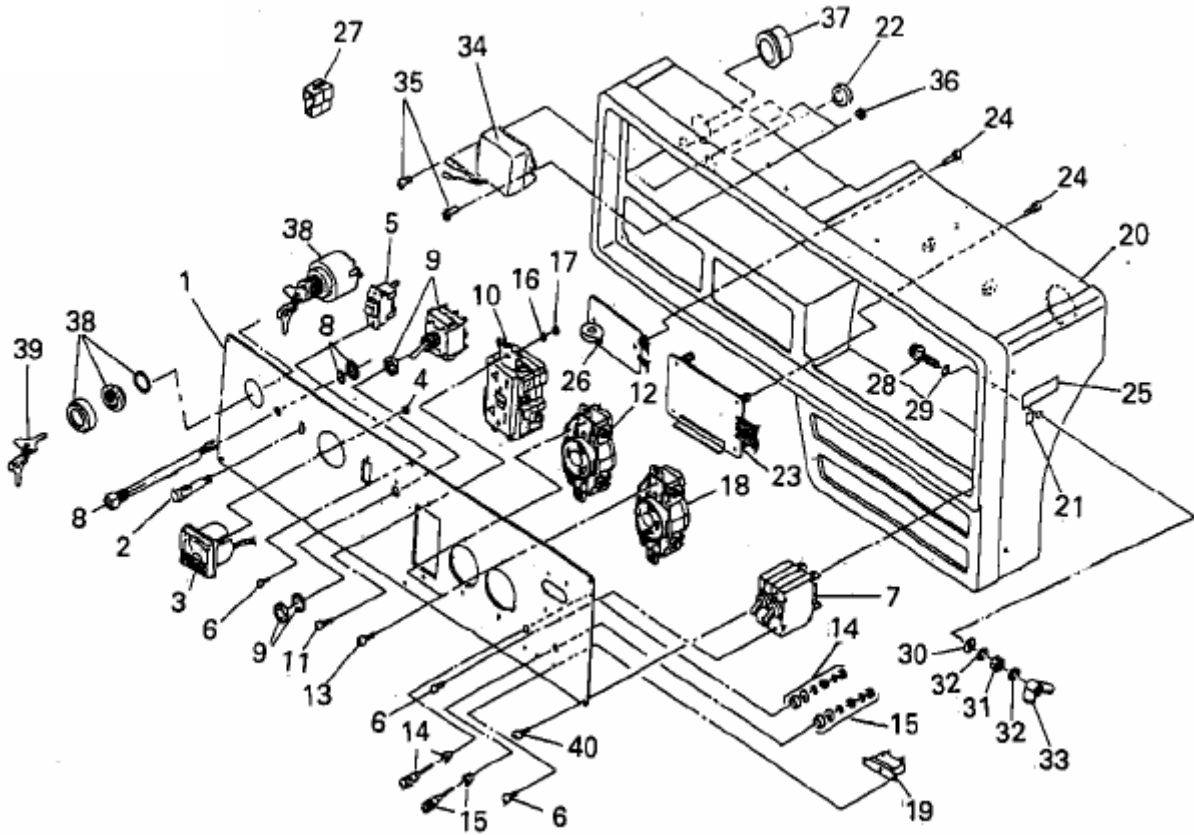
Number	Part Number	Parts Name	Number Required	Remarks
13	KY0013708020	MG bolt	4	
14	KY0012004018	Screw and Washer	1	
15	KY015S15VB20	MG Diode Stack	1	
16	KYG100000031	MG Brush Holder	1	
17	KY0011205020	MG Screw	2	
18	KY0013708030	MG Bolt	2	
19	KYG150000450	MG Spacer	2	
20	KYC011900290	MG Label	1	
21	KYC190000690	MG Earth Wire	1	
22	KYC180000140	MG Grommet	1	

## 8. CONTROL BOX



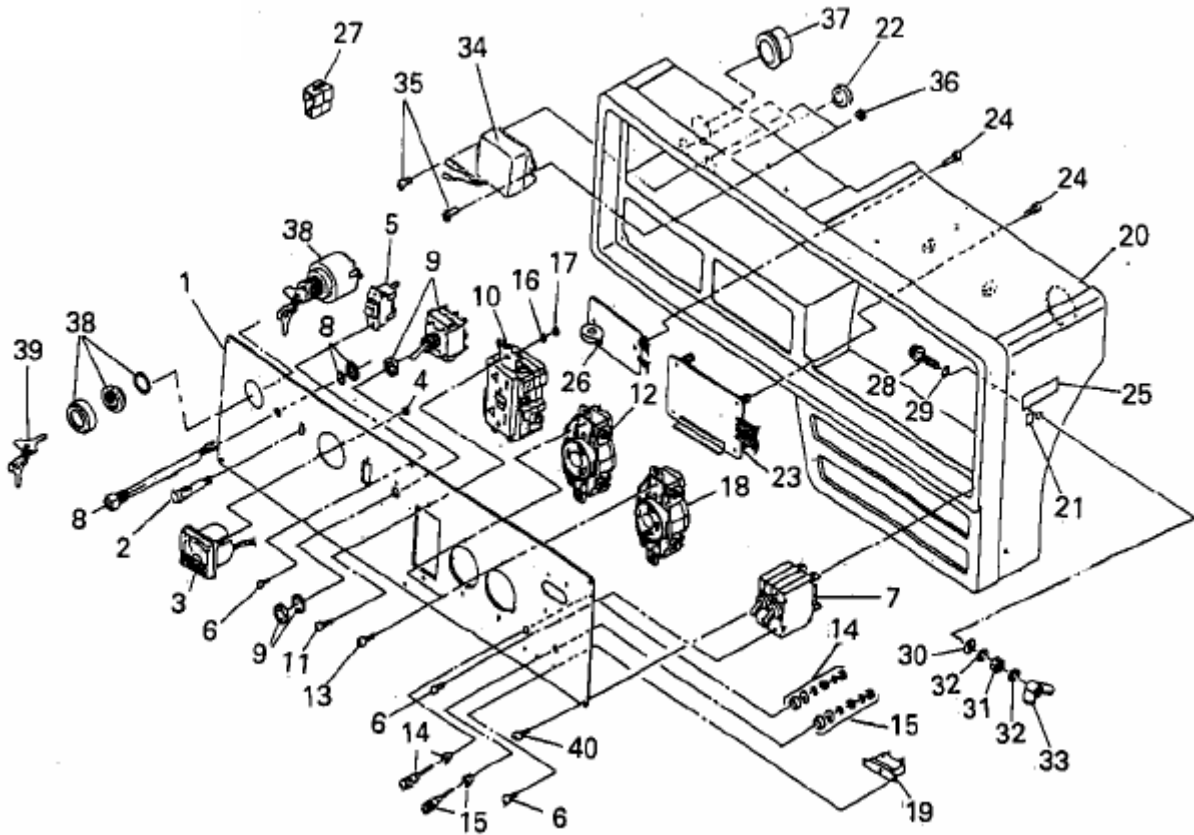
Number	Part Number	Parts Name	Number Required	Remarks
1	KYC011008441	MG Print, Panel	1	
2	KY01401110R0	Lamp	1	
3	KY00412120A1	MG V Meter	1	
4	KY0021903000	Nut	2	
5	KY0130757105	Switch	1	
6	KY0013303005	MG Screw	8	
7	KY0081119014	MG Breaker	1	
8	KY035000303R	MG LED CP	1	
9	KY0130312025	Switch	1	
10	KY0067703120	MG Receptacle	1	
11	KY0013304010	Screw and Washer	2	
12	KY0065605130	MG Receptacle	1	

## 8. CONTROL BOX



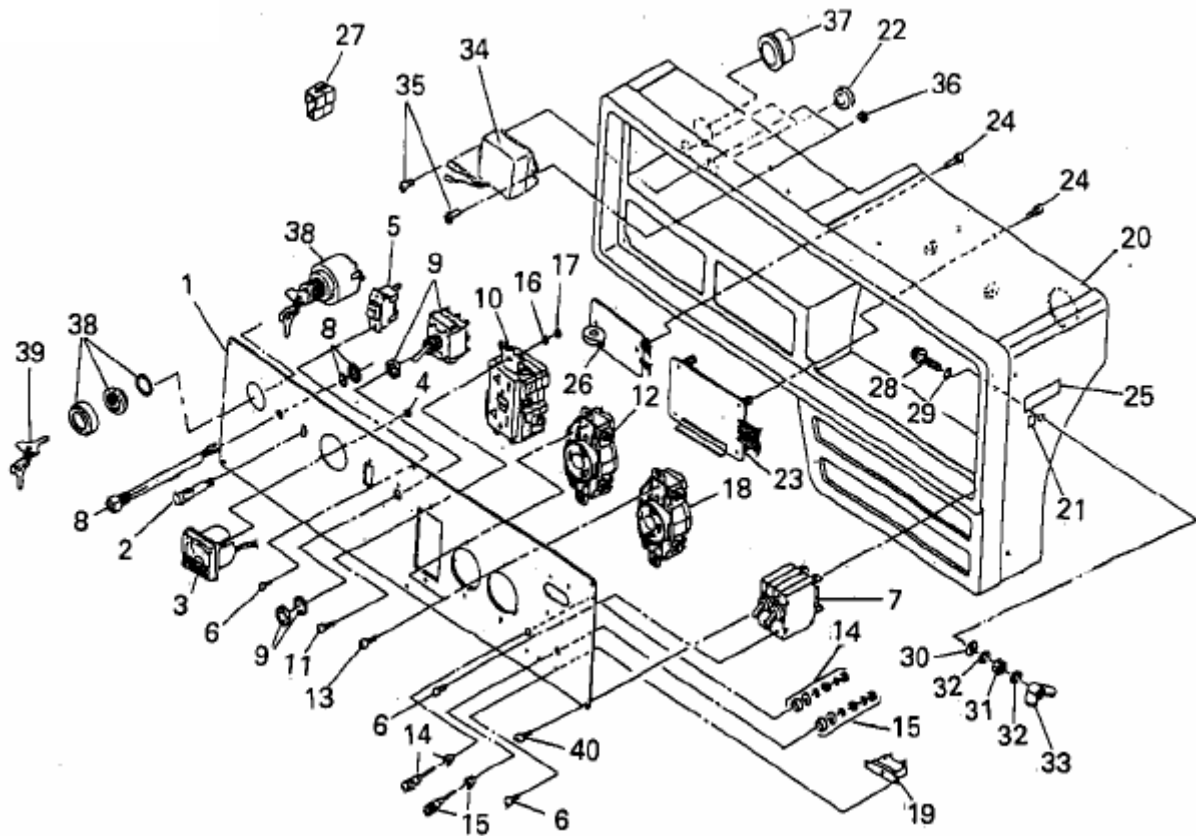
Number	Part Number	Parts Name	Number Required	Remarks
13	KY0013130510	Screw	4	
14	KY009211202B	Terminal Assy.	1	
15	KY009211202R	Terminal Assy.	1	
16	KY0030004000	MG Washer	2	
17	KY0020004000	MG Nut	2	
18	KY0065706320	MG Receptacle	1	
19	KY0080016010	MG Circuit Protector	1	
20	KY90074BA	Panel, Control	1	
21	KYC011700081	MG Label, Earth Mark	1	
22	KY03211140908	MG Grommet	2	
23	KYC031002283	MG AVR UN	1	
24	KY0011204006	Screw and Washer	6	

## 8. CONTROL BOX



Number	Part Number	Parts Name	Number Required	Remarks
25	KYC011900180	MG Label	1	
26	KYC150000211	MG Idle Control Un	1	
27	KY01001020F0	MG Coupler	1	
28	KY0010205015	MG Screw, Pan-Crs	1	
29	KY0031205000	MG Washer, Spg	1	
30	KY0030105000	MG Washer	1	
31	KY0021905000	MG Nut	1	
32	KY0030405000	Washer, Spg	2	
33	KY0021805000	MG Wing Nut	1	
34	KE60001BA	Rectifier	1	
35	KY0011205010	MG Screw	2	
36	KY0022005000	Nut, Flange	2	

## 8. CONTROL BOX



Number	Part Number	Parts Name	Number Required	Remarks
37	KYG070000120	MG Bushing	1	
38	KE80023AA	Switch	1	Incl. No. 39
39	KE80023AA001	Key	1	
40	KY0013304010	Screw and Washer	6	