PARTS MANUAL

MULTIQUIP®

Mikasa SERIES

MODEL MTR-35W

TAMPING RAMMER

(ROBIN EC-08HS ENGINE)

Revision #9 (11/03/20)

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THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.

MTR-35W

Table Of Contents 2
Explanation Of Codes In Remarks Column 4
Suggested Spare Parts 5
Name Plate and Decals 6-7
Crankcase and Engine Assembly 8-9
Guide Cylinder and Foot Assembly 10-11
Tank and Handle Assembly 12-13
Optional Parts Assembly 14-15

ROBIN EC-08HS ENGINE

Crankcase and Cylinder Assembly 16-17
Crankshaft and Piston Assembly 18-19
Governor Assembly 20-21
Muffler Assembly 22-23
Carburetor and Oil Pump Assembly 24-25
Recoil Starter and Blower Assembly 26-27
Magneto Assembly 28-29

NOTE

Specification and part number are subject to change without notice.

NOTE PAGE

MTR-35W — EXPLANATION OF CODE IN REMARKS COLUMN

How to read the marks and remarks used in this parts book.

Items Found In the "Remarks" Column

Serial Numbers-Where indicated, this indicates a serial number range (inclusive) where a particular part is used.

Model Number-Where indicated, this shows that the corresponding part is utilized only with this specific model number or model number variant.

Items Found In the "Items Number" Column

All parts with same symbol in the number column, *, #, +, %, or ■, belong to the same assembly or kit.

NOTE

If more than one of the same reference number is listed, the last one listed indicates newest (or latest) part available.

NOTE

The contents of this catalog are subject to change without notice.

MTR-35W Mikasa Rammer
1 to 3 Units

Qty.	P/N	Description
10	GRS2	Grease High Temp
2	650140031	Spark Plug
1	301010900	Wire Throttle
1	402010110	Spring Return
1	959401750	Wire Stopper
2	351010050	Grease Fitting
1	430440033	Cap Fuel Tank
1	301322990	Fuel Cock Assy.
2	354030040	Element Gray
2	354030030	Element Yellow
2	1573620101	Element Set, Eng.
1	0669900207	Stop Button (s/n C-1079 & below)
1	0660000361	Stop Switch (s/n C-1080 & above)

NOTE

Part number on this Suggested Spare Parts List may super cede/ replace the P/N shown in the text pages of this book.

MTR-35W Mikasa Rammer
3 to 5 Units

Qty.	P/N	Description
10	GRS2	Grease High Temp
5	650140031	Spark Plug
1	956225020	Throttle Lever Assy.
3	301010900	Wire Throttle
3	402010110	Spring Return
3	959401750	Wire Stopper
6	351010050	Grease Fitting
3	430440033	Cap Fuel Tank
2	301322990	Fuel Cock Assy.
5	354030040	Element Gray
5	354030030	Element Yellow
5	1573620101	Element Set, Eng.
2	0662009870	Stop Button (s/n C-1079 & below)
2	0669900207	Stop Switch (s/n C-1080 & above)
2	954404890	Filter Fuel Tank Upper
2	954405080	Strainer Fuel Tank Lower

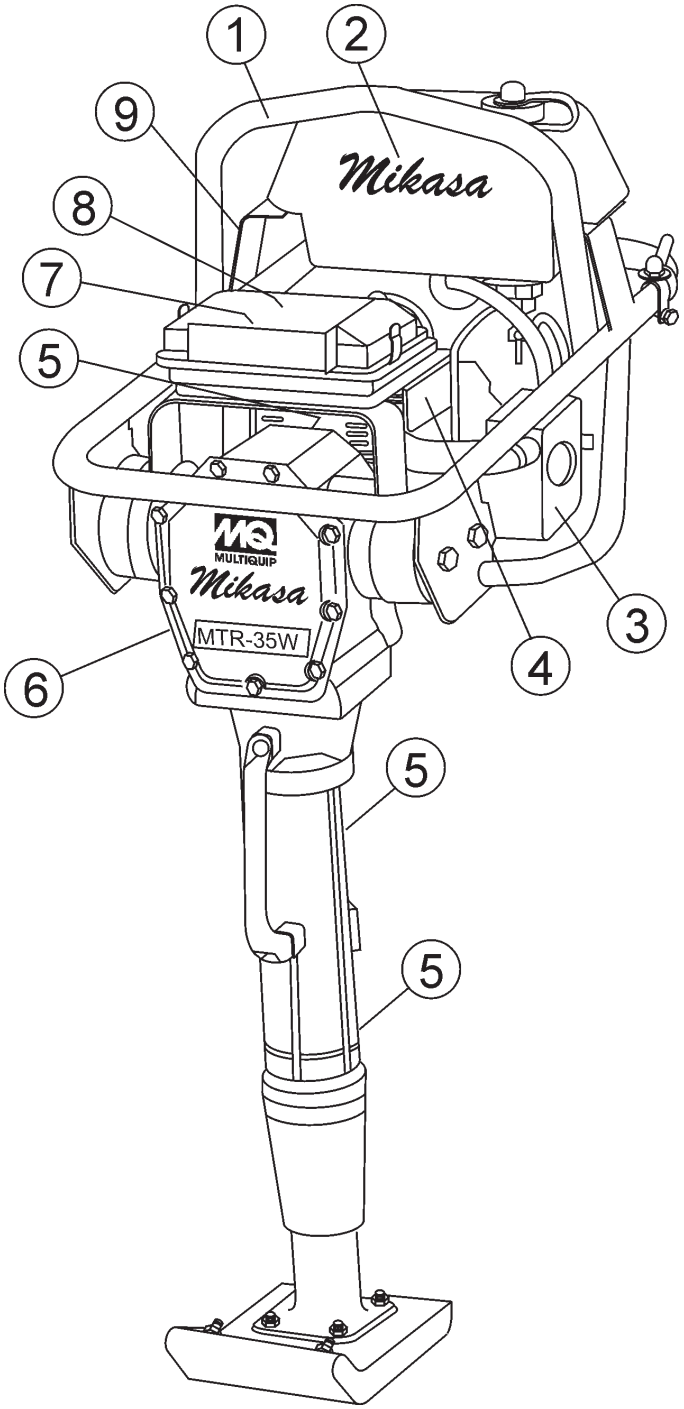
MTR-35W Mikasa Rammer
5 to 10 Units

Qty.	P/N	Description
10	GRS2	Grease High Temp
10	650140031	Spark Plug
3	956225020	Throttle Lever Assy.
5	301010900	Wire Throttle
5	402010110	Spring Return
5	959401750	Wire Stopper
10	351010050	Grease Fitting
5	430440033	Cap Fuel Tank
5	301322990	Fuel Cock Assy.
10	354030040	Element Gray
10	354030030	Element Yellow
10	1573620101	Element Set, Eng.
4	0669900207	Stop Button (s/n C-1079 & below)
4	0660000361	Stop Switch (s/n C-1080 & above)
5	954404890	Filter Fuel Tank Upper
5	954405080	Strainer Fuel Tank Lower
2	Kit Carb 60H2	Carburetor Kit
1	5801501800	Gasket, Cylinder
2	0440200020	Oil Seal, Engine
1	050100350	O-Ring, Crankcase
1	060504010	Oil Seal
1	050300900	O-Ring, Crankcase
1	351319880	Packing Front Cover
1	065105010	Dust Seal
1	050100800	O-Ring, Guide Cyl.

MTR-35W Mikasa Rammer
10+ Units

Qty.	P/N	Description
20	GRS2	Grease High Temp
15	650140031	Spark Plug
6	956225020	Throttle Lever Assy.
10	301010900	Wire Throttle
10	402010110	Spring Return
10	959401750	Wire Stopper
20	351010050	Grease Fitting
10	430440033	Cap Fuel Tank
10	301322990	Fuel Cock Assy.
15	354030040	Element Gray
15	354030030	Element Yellow
15	1573620101	Element Set, Eng.
6	0669900207	Stop Button (s/n C-1079 & below)
6	0660000361	Stop Switch (s/n C-1080 & above)
10	954404890	Filter Fuel Tank Upper
10	954405080	Strainer Fuel Tank Lower
4	KITCARB60H2	Carburetor Kit
2	5801501800	Gasket, Cylinder
2	0440200020	Oil Seal, Engine
2	050100350	O-Ring, Crankcase
2	060504010	Oil Seal
2	050300900	O-Ring, Crankcase
2	351319880	Packing Front Cover
1	301421360	Clutch Assy.
2	065105010	Dust Seal
2	050100800	O-Ring, Guide Cyl.
1	5805001000	Recoil Starter Assy.

NAMEPLATE AND DECALS

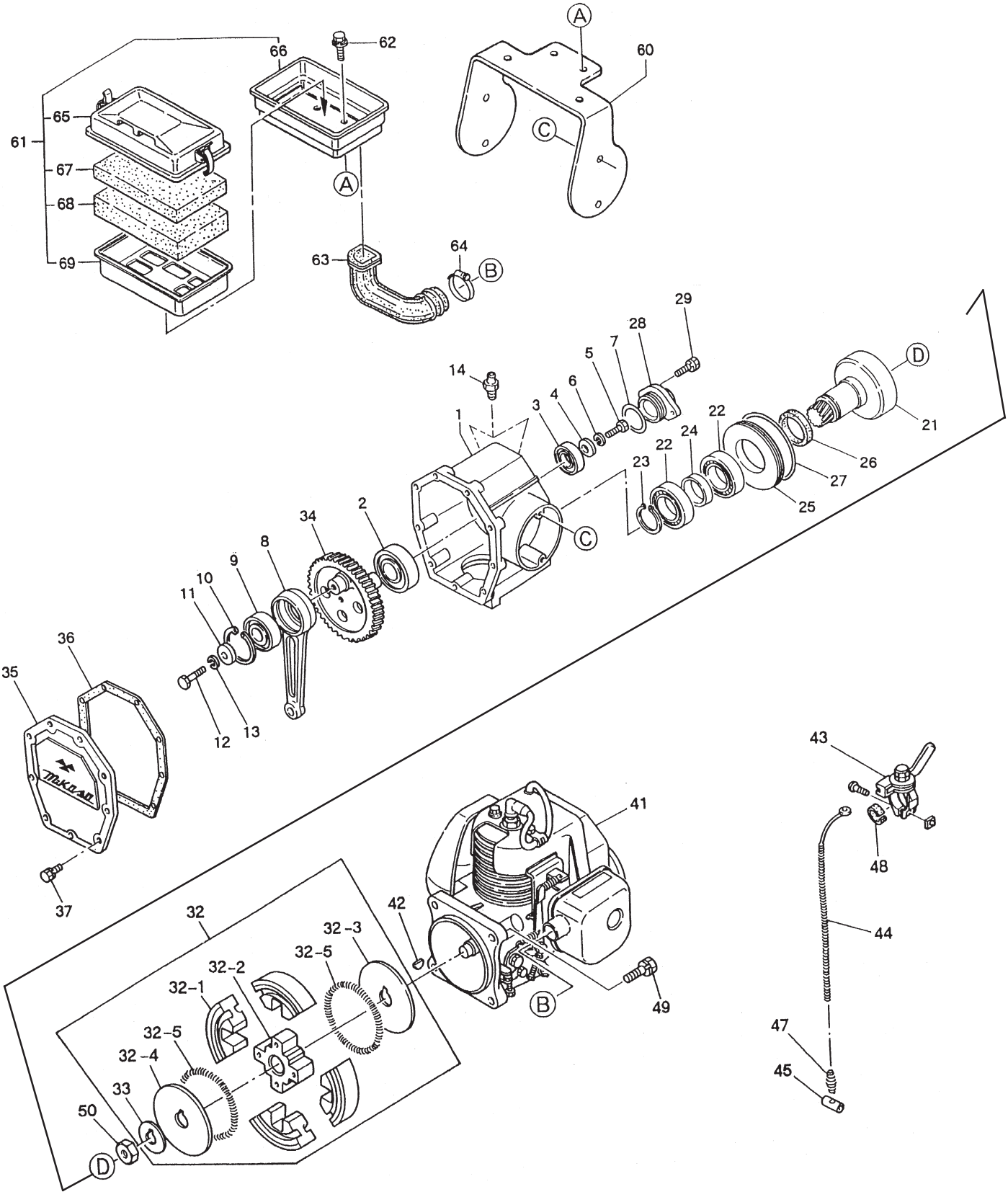


NAMEPLATE AND DECALS

NO	PART NO	PART NAME	QTY.	REMARKS
1*	920203700	DECAL: CAUTION MIXED FUEL	1	
2*	920106460	DECAL: MIKASA MARK (ORANGE)	1	
3*	920203980	DECAL: ELEMENT SET	1	REPLACES 920106450
4*	920107660	DECAL: ENGINE RPM	1	
5*	920101200	DECAL: GREASE	3	
6		PLATE: SERIAL NO.	1	CONTACT MQ SERVICE DEPT. W/MODEL & S/N
7*	920107000	DECAL: PRE-CLEANER	1	
8*	920203700	DECAL: CAUTION	1	REPLACES 920106440
9*	920203330	DECAL: EAR PROTECTION	1	
10	DCLMTR-35W	KIT, DECAL	1	INCLUDES ITEMS W/*

FOR DECAL ILLUSTRATIONS SEE PAGE 8.

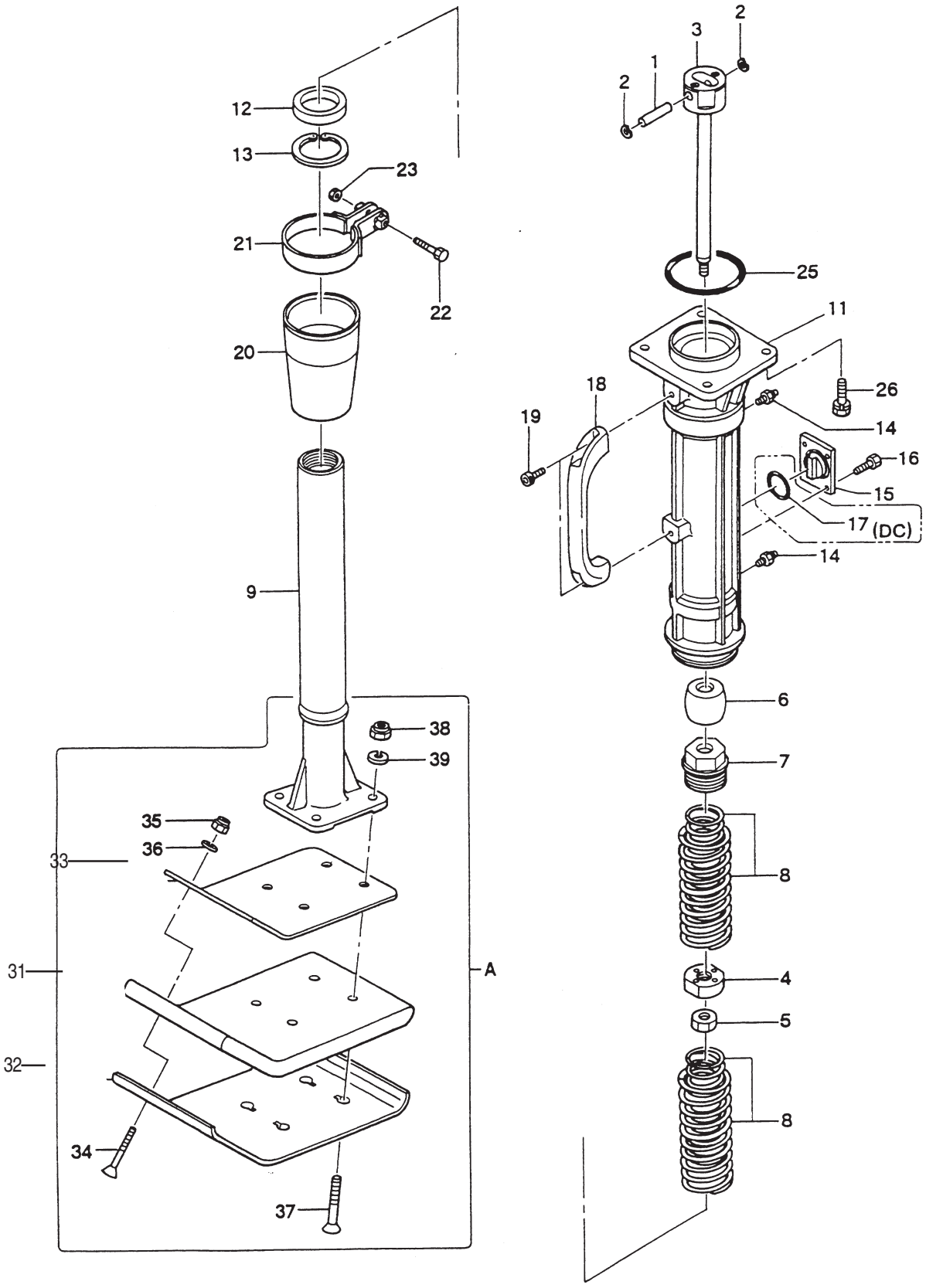
CRANKCASE AND ENGINE ASSY.



CRANKCASE AND ENGINE ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	305112710	CRANKCASE	1	
2	041006305	BEARING 6305Z	1	
3	041006203	BEARING 6203Z	1	
4	952401450	WASHER 8.5X22X3	1	
5	001220825	BOLT 8X25 T	1	
6	030208200	WASHER SW M8	1	
7	050100350	0-RING G-35	1	
8	305333090	CONNECTING ROD	1	
9	042006304	BEARING 6304ZZ	1	
10	080100520	STOP RING R-52	1	
11	952400130	WASHER 9304	1	
12	001220825	BOLT 8X25 T	1	
13	030208200	WASHER SW M8	1	
14	351010050	GREASE FITTING A-MT6X1	2	
21	303010084	PINION	1	
22	042006007	BEARING 6007ZZ	2	
23	080200350	STOP RING S-35	1	
24	351437750	SPACER 35.4-42.7-11	1	
25	351421900	SPACER, CLUTCH DRUM	1	
26	060504010	OIL SEAL VB-40525	1	
27	050300900	O-RING S-90	1	
28	351434563	BEARING COVER	1	
29	002210620	BOLT 6X20 H, SW	2	
32	301421363	CLUTCH ASSY C812E	1	INCLS. ALL ITEMS W/*, REPLACES 301421360
32-1*	943020020	CLUTCH SHOE C812	4	
32-2*	943050050	CLUTCH BOSS C812	1	
32-3*	943060060	CLUTCH GUIDE (A) 16.5D	1	
32-4*	943060020	CLUTCH GUIDE/B	1	
32-5*	943030020	CLUTCH SPRING C812	2	
33	301010210	LOCK WASHER, CLUTCH	1	
34	305333100	CRANK GEAR	1	
35	305213030	FRONT COVER (MQ)	1	REPLACES 305112810
36	351319880	PACKING, FRONT COVER	1	
37	002210620	BOLT 6X20 H, SW	9	
41	911100830	ENGINE ASSY EC08GH	1	REPLACES 911100829
42	0053204201	WOODRUFF KEY	1	
43	956225020	THROTTLE LEVER ASSY	1	
44	301010900	THROTTLE WIRE	1	
45	959401750	WIRE STOPPER ASSY	1	
47	301010950	RETURN SPRING	1	
48	959403420	RUBBER SLIP STOP	1	
49	002210830	BOLT 8X30 H, SW	4	
50	0173120010	LOCK NUT	1	
60	353332810	CLEANER STAY	1	
61	354211841	AIR CLEANER ASSY	1	INCLS. ALL ITEMS W/#
62	002210815	BOLT 8X15 H, SW	4	
63	354330590	INTAKE PIPE/MT	1	
64	507010110	CLAMP TC-200	1	
65#	354030011	BODY CP, AIR CLEANER	1	REPLACES 354030010
66#	354030020	BACK PLATE, AIR CLEANER	1	
67#	354030030	ELEMENT, YELLOW	1	
68#	354030040	ELEMENT, GRAY	1	
69#	354030050	ELEMENT FRAME	1	

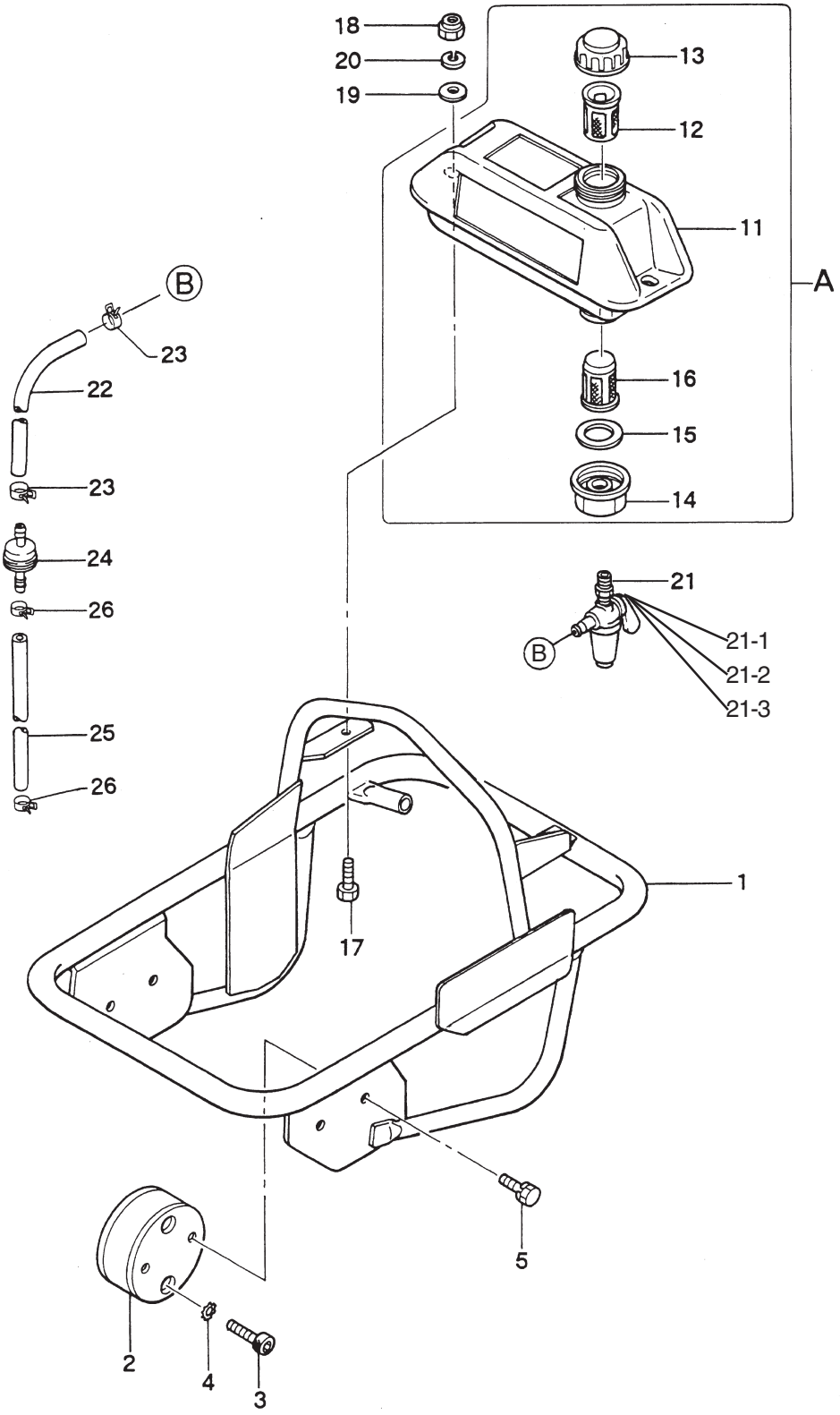
CYLINDER GUIDE AND FOOT ASSY.



CYLINDER GUIDE AND FOOT ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	305446380	PISTON PIN	1	
2	080100120	STOP RING R-12	2	
3	305333110	PISTON ROD	1	
4	305446390	PISTON END	1	
5	022910140	NUT M12-P1.5	1	
6	305446400	STOPPER, UPPER	1	
7	305446410	CYLINDER CAP	1	
8	305446420	MAIN SPRING	2	
9	305212710	SPRING CYLINDER	1	
11	305112730	GUIDE CYLINDER	1	
12	065105010	DUST SEAL DKI-5367811	1	
13	080510680	STOP RING TH-R-68	1	
14	351010050	GREASE FITTING A-MT6X1	2	
15	305446430	STOPPER	1	
16	002210815	BOLT 8X15 H, SW	4	
17	050300320	0-RING S-32	1	
18	305446440	GRIP	1	
19	001520815	SOCKET HEAD BOLT 8X15 T	2	
20	305446450	DUST SLEEVE	1	
21	305446460	SLEEVE BAND	1	
22	001200830	BOLT 8X30	1	
23	020308060	NUT M8	1	
25	050100800	0-RING G-80	1	
26	002211025	BOLT 10X25 H, SW	4	
A	305910010	FOOT ASSY 150B	1	INCLS. ALL ITEMS W/* 6" (WIDTH) X 11" (LENGTH)
31*		FOOT 150B	1	NOT SERVICED SEPARATELY OLD P/N 305333120
32*		METAL SHEET 150B	1	NOT SERVICED SEPARATELY OLD P/N 305333130
33*	305446470	FOOT COVER	1	
34*	001611050	SUNK HEAD BOLT 10X50 H	2	
35*	022711012	NYLON NUT M10	2	
36*	030210250	WASHER SW M10	2	
37*	015112060	SUNK HEAD BOLT 12X60 H	4	REPLACES 001611252
38*	022711214	NYLON NUT M12	4	
39*	030212300	WASHER SW M12	4	

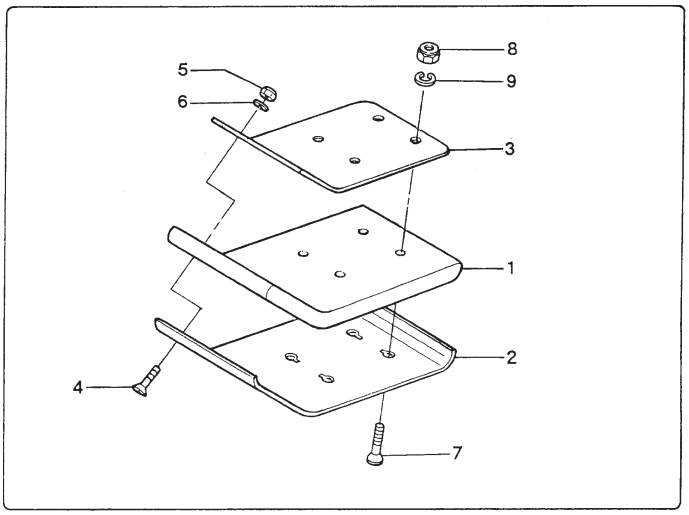
TANK AND HANDLE ASSY.



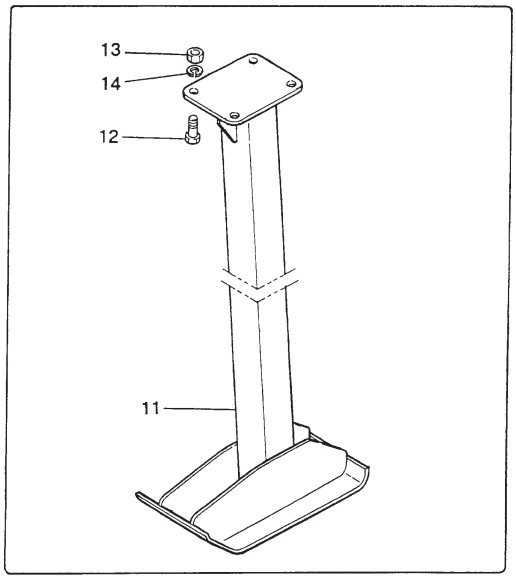
TANK AND HANDLE ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	305112850	HANDLE LC	1	
2	351325590	SHOCK ABSORBER	2	
3	001521020	SOCKET HEAD BOLT 10X20 T	4	
4	033121009	TOOTHED LOCK WASHER B M10	4	
5	002211020	BOLT 10X20 H, SW	4	
A	305910030	FUEL TANK ASSY 2L	1	INCLUDES ITEMS W/*
11*	305112820	FUEL TANK 2L (P)	1	
12*	954404890	FILTER, TANK	1	
13*	0430440033	FUEL TANK CAP	1	
14*	351437780	HOLDER, FUEL COCK	1	
15*	351439290	PACKING, FUEL COCK HOLDER	1	
16*	954405080	STRAINER (#100)	1	
17	001220830	BOLT 8X30 T	2	
18	022710809	NYLON NUT M8‘2‘	2	
19	952401450	WASHER 8.5X22X3	2	
20	030208200	WASHER SW M8	2	
21	954300390	FUEL COCK ASSY W/F N18L	1	INCLS. ALL ITEMS W/#, REPLACES 954404290 & 954404390
21-1#	0642001410	CUP, FUEL COCK	1	
21-2#	0642001420	SCREEN, FUEL COCK	1	
21-3#	0642001430	RUBBER PACKING, FUEL COCK	1	
22	351436350	FUEL HOSE R-150	1	
23	954403030	HOSE BAND (8)	2	
24	301419750	FUEL FILTER CP, MQ75MIC.	1	
25	301418140	FUEL HOSE B-150	1	
26	954404590	HOSE BAND 9.5D	2	

OPTIONAL PARTS ASSY. (NARROW FEET AND TRENCH SHOES)



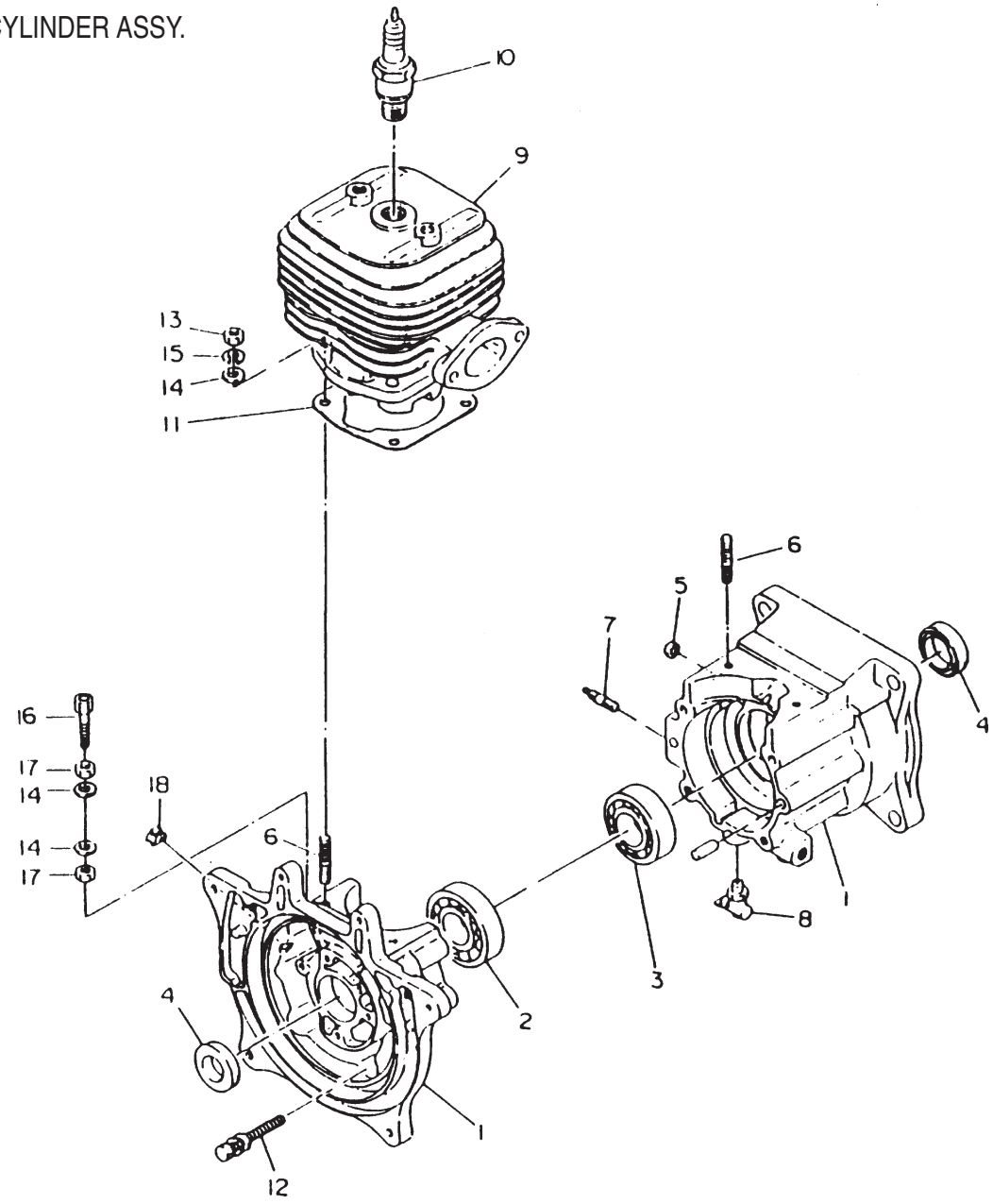
A



OPTIONAL PARTS ASSY. (NARROW FEET AND TRENCH SHOES)

NO.	PART NO.	PART NAME	QTY.	REMARKS
A	305910020	FOOT ASSY 200B	1	INCLUDES ITEMS W/*
1*	305333140	FOOT 200B	1	
2*	305333150	METAL SHEET 20B	1	
3*	305446470	FOOT COVER	1	
4*	001611050	SUNK HEAD BOLT 10X50 H	2	
5*	022711012	NYLON NUT M10	2	
6*	030210250	WASHER SW M10	2	
7*	001611252	SUNK HEAD BOLT 12X60 H	4	
8*	022711214	NYLON NUT M12	4	
9*	030212300	WASHER SW M12	4	
11	305333160	TRENCH SHOE 500H-120B	1	
11	305333170	TRENCH SHOE 800H-120B	1	
11	305334390	TRENCH SHOE 305H-100B	1	
12	001221235	BOLT 12X35 T	4	
13	020312100	NUT M12	4	
14	030212300	WASHER SW M12	4	

CRANKCASE AND CYLINDER ASSY.

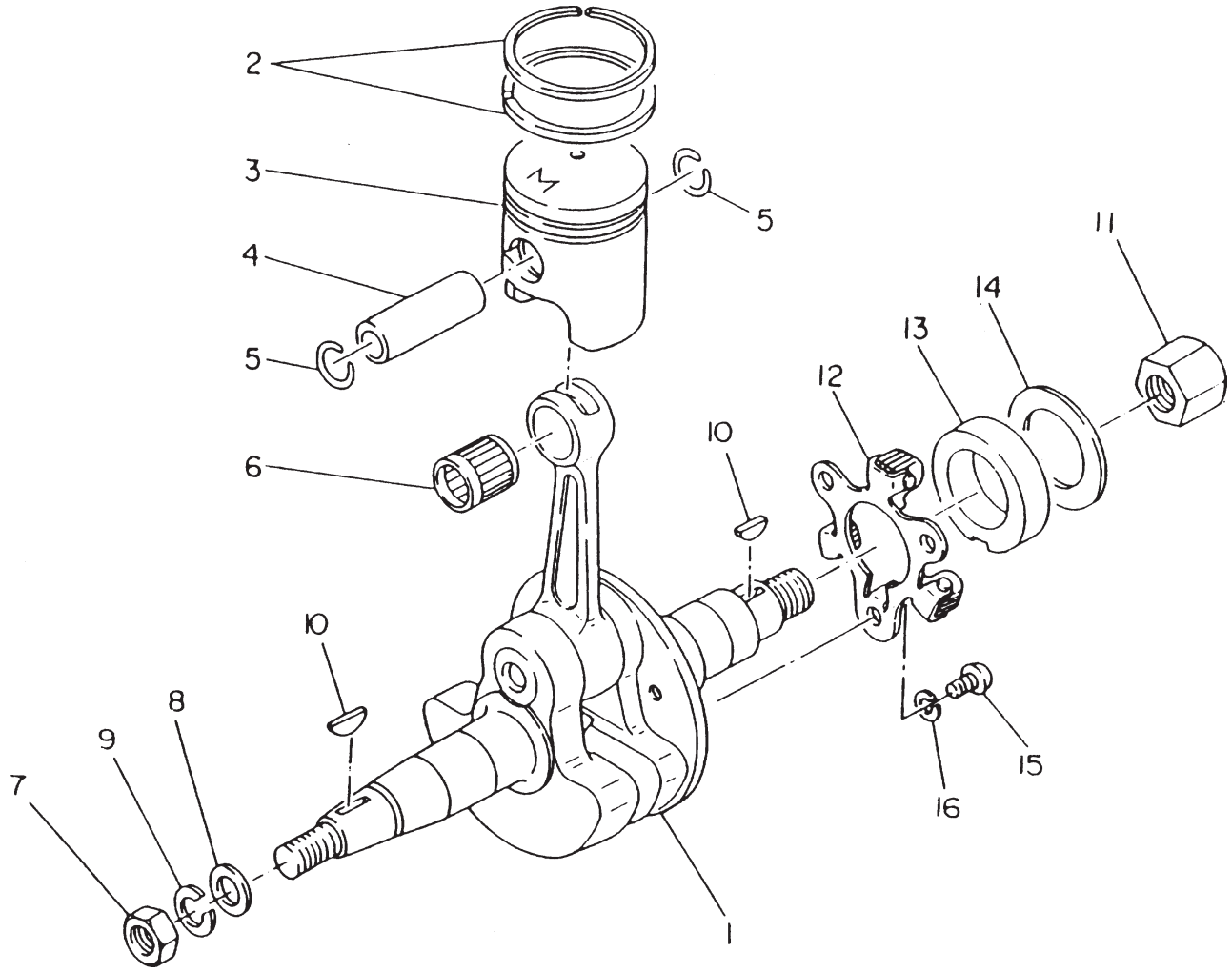


ROBIN EC-08GH ENGINE — CRANKCASE AND CYLINDER ASSY.

CRANKCASE AND CYLINDER ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	5801036000	CRANKCASE COMPL.	1	INCLUDES ITEMS W/*
2*	0600200020	BALL BEARING 6204C3	1	
3*	0600200010	BALL BEARING	1	
4*	0440200020	OIL SEAL	2	
5*	0440060010	OIL SEAL	1	
6*	0105064970	STUD	4	
7*	0105060050	STUD	1	
8	0643109980	DRAIN COCK	1	
9	5801501400	CYLINDER CP	1	
10	0650140031	SPARK PLUG, B6HS	1	REPLACES 0650149730
11	5801501800	GASKET, CYLINDER	1	
12	0011406450	BOLT ASSY	4	
13	0021706000	NUT	4	REPLACES 0021806000
14	0031006000	WASHER	6	
15	030206150	SPRING WASHER	4	REPLACES 0032006000
16	0149060040	ADJUSTING SCREW	1	REPLACES 0149069981
17	020106050	NUT	2	REPLACES 0022706000
18	0241029990	GROMMET	1	

CRANKSHAFT AND PISTON ASSY.

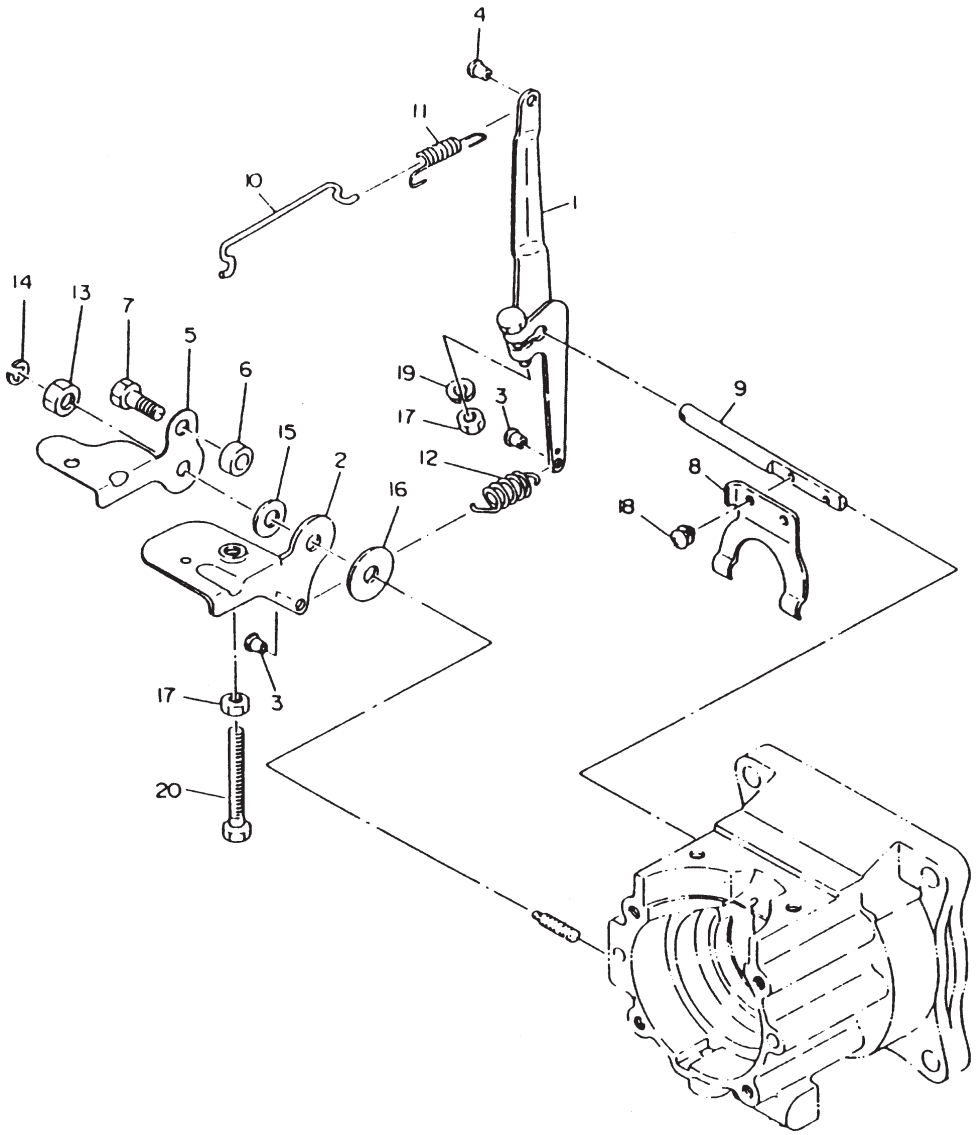


ROBIN EC-08GH ENGINE — CRANKCASE AND PISTON ASSY.

CRANKSHAFT AND PISTON ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	5802024000	CRANKSHAFT CP	1	
2	5802023000	PISTON RING	2	REPLACES 5802500500
3	5802500600	PISTON	1	
4	5802500700	PISTON PIN	1	
5	0565119990	CLIP	2	
6	0610120010	NEEDLE BEARING	1	
7	0039310000	NUT	1	REPLACES 0021810000
8	030206150	WASHER	1	REPLACES 0031010000
9	030210250	SPRING WASHER	1	REPLACES 0032010000
10	0053204201	WOODRUFF KEY	2	
11	0173120010	LOCK NUT	1	
12	1294170322	GOVERNOR PLATE UNIT	1	
13	5514500100	GOVERNOR SLEEVE	1	
14	0230230020	SPACER	1	
15	0043105080	SCREW (PAN HEAD)	3	
16	0032005000	SPRING WASHER	3	

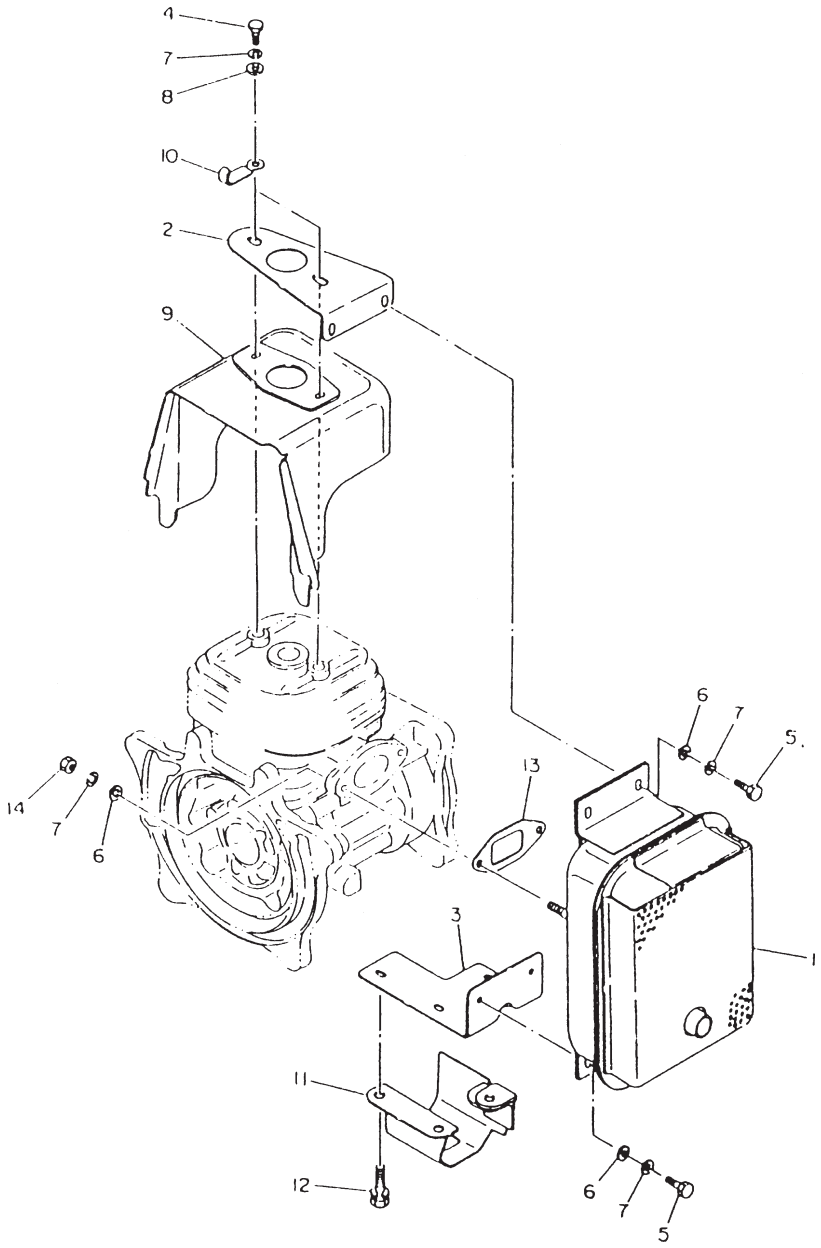
GOVERNOR ASSY.



GOVERNOR ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	5804005000	GOVERNOR LEVER CP	1	
2	5804500800	CONTROL LEVER	1	
3	5804500900	BUSHING	2	
4	2266255008	BUSHING, NYLON	1	REPLACES 5806083060
5	5804500600	STOP PLATE	1	
6	0230060090	SPACER	1	
7	0105050616	BOLT	1	REPLACES 6202500400
8	1294210113	GOVERNOR YOKE	1	
9	1294220103	GOVERNOR SHAFT	1	
10	1054270100	GOVERNOR ROD	1	
11	1064280113	ROD SPRING	1	REPLACES 1064280111
12	1294250111	GOVERNOR SPRING	1	
13	0170069906	U NUT	1	
14	1294500103	CLIP	1	
15	0200070010	WASHER	1	
16	0217060020	FRICTION WASHER	1	
17	0021706000	NUT	2	
18	0140039980	SCREW ASSY	2	
19	030206150	SPRING WASHER	1	REPLACES 0032006000
20	0016506400	BOLT	1	

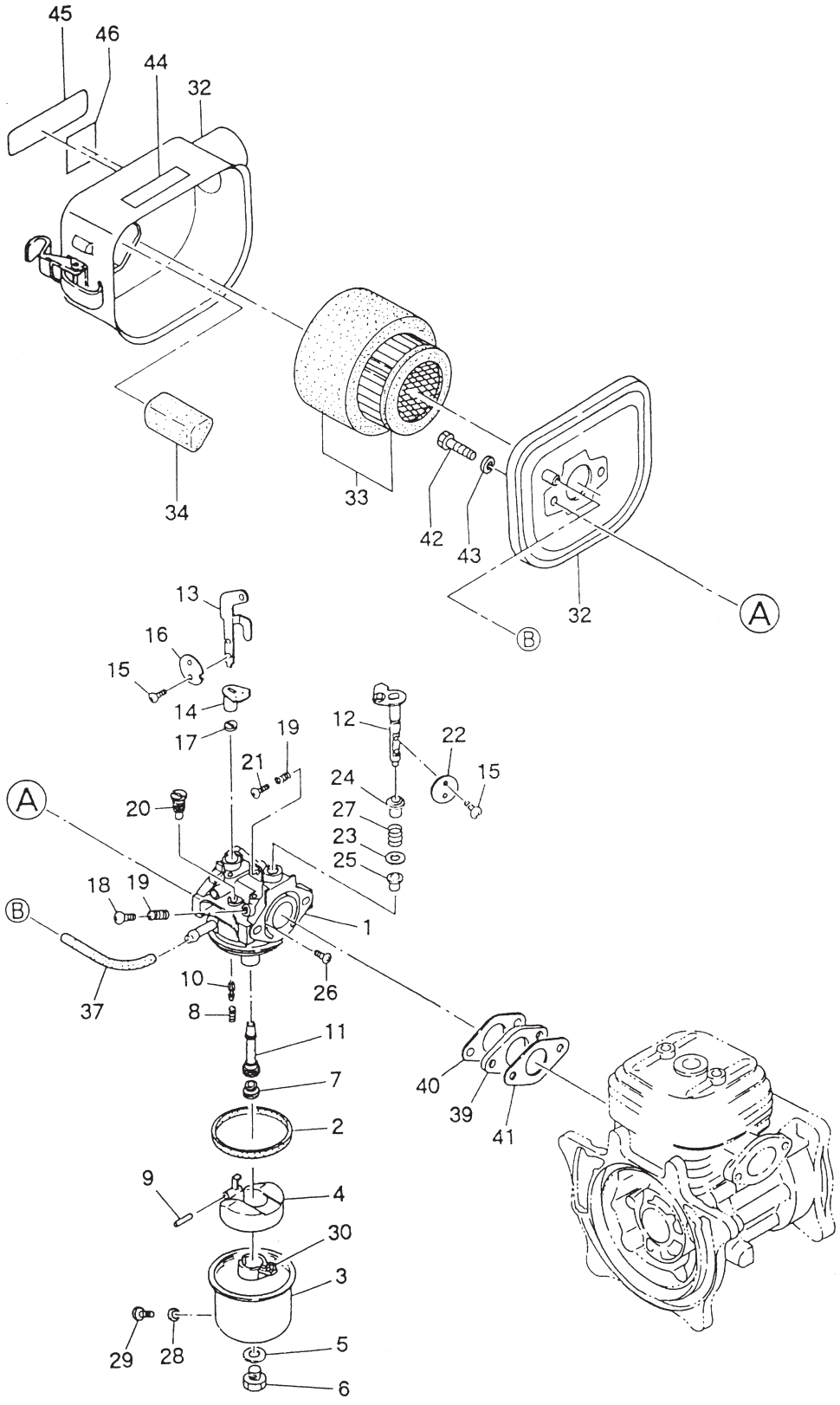
MUFFLER ASSY.



MUFFLER ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	5803051000	MUFFLER	1	
2	5803033000	MUFFLER BRACKET A	1	
3	5803034000	MUFFLER BRACKET B	1	
4	0016706200	BOLT (CYLINDER)	2	
5	0016706160	BOLT (MUFFLER)	4	
6	0031006000	WASHER	6	
7	030206150	SPRING WASHER	8	REPLACES 0032006000
8	0031206000	WASHER	2	
9	5805012000	CYLINDER COVER	1	
10	1507520103	CLAMP	1	REPLACES 0566099950
11	5809011000	PROTECTOR COMPL.	1	
12	0011308180	BOLT AND WASHER ASSY	3	
13	1293500403	GASKET (MUFFLER)	1	
14	0170069960	U NUT	2	

CARBURETOR AND AIR CLEANER ASSY.



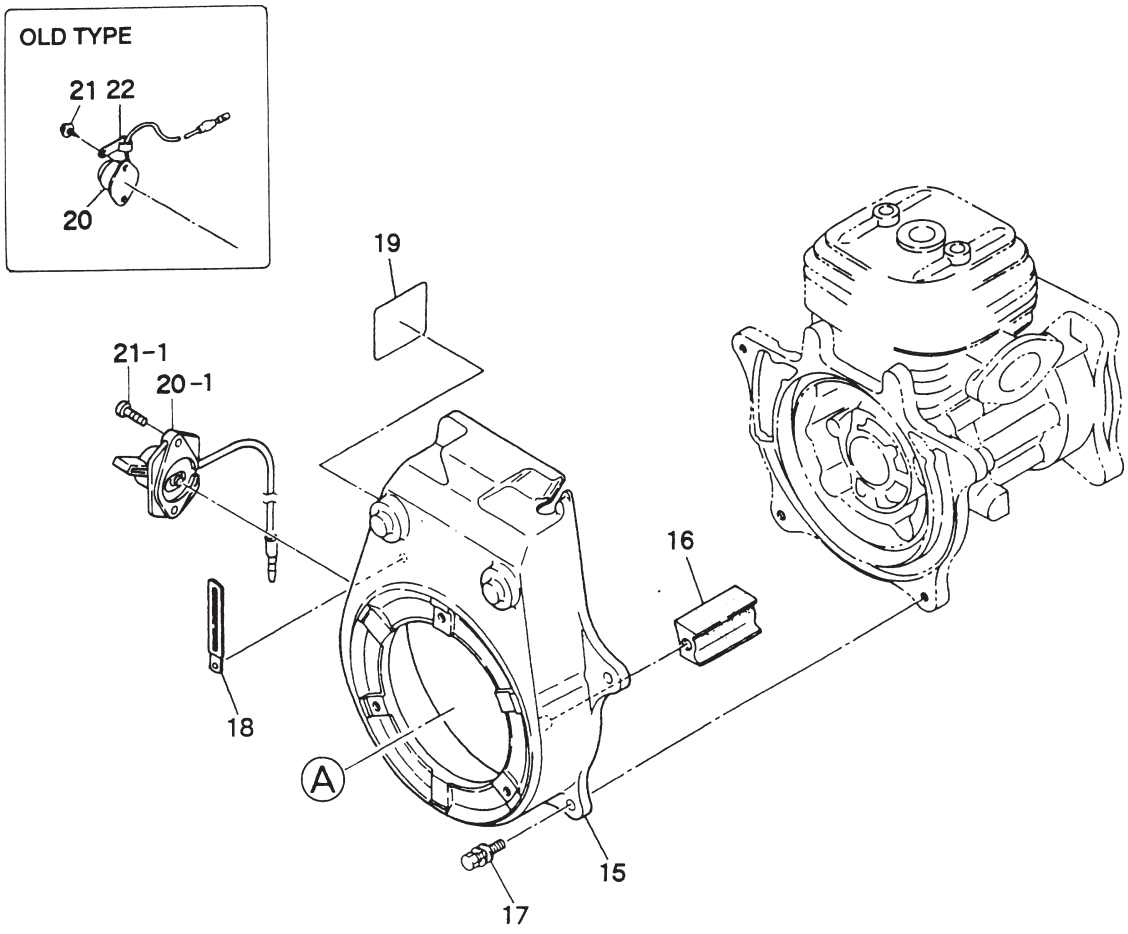
ROBIN EC-08GH ENGINE — CARBURETOR AND AIR CLEANER ASSY.

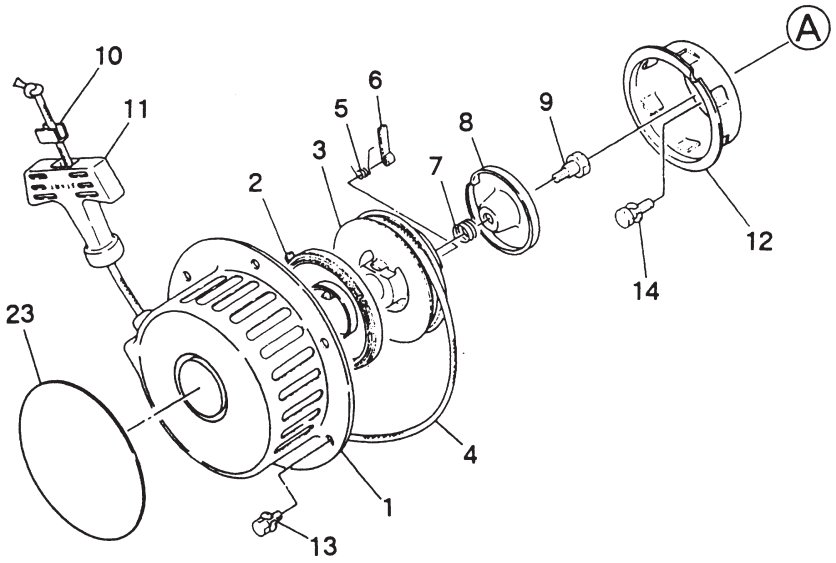
CARBURETOR AND AIR CLEANER ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	5806111000	CARBURETOR ASSY.	1	INCLUDES ITEMS W/#
2#*	2366254008	PACKING	1	REPLACES 5806083340
3#	5806083010	FLOAT BODY ASSY.	1	
4#	5806083350	FLOAT	1	
5#*	5806083330	PACKING	1	
6#	5806083020	BOLT	1	
7#*	1296240008	MAIN JET #77.5	1	REPLACES 1296240108
8#*	2366244508	SPRING	1	REPLACES 5806083240
9#*	2146251508	PIN	1	REPLACES 5416002050
10#*	5806083400	NEEDLE	1	
11#	5806083260	MAIN NOZZLE	1	
12#	5806083030	THROTTLE SHAFT ASSY.	1	
13#	5806803040	CHOKE LEVER	1	
14#	5806083050	RING	1	
15#	2346245008	SCREW	4	REPLACES 5806083160
16#	5806083310	CHOKE VALVE	1	
17#	2266255008	BUSHING, NYLON	1	REPLACES 5806083060
18#*	2136239008	PILOT SCREW	1	REPLACES 5416002150
19#*	2096244508	SPRING	2	REPLACES 8046001230
20#*	2076242008	PILOT JET	1	REPLACES 5606003020
21#	5416002230	SCREW	1	
22#	1616253508	THROTTLE VALVE	1	REPLACES 5806083110
23#	5806083230	PACKING	1	
24#	5806083120	RING	1	
25#	5806083210	SEAL	1	
26#	5806083130	SCREW	1	
27#	5806083140	SPRING	1	
28#*	2366254108	PACKING	1	REPLACES 5806083320
29#*	5806083150	SCREW	1	
30#	5806083370	FLOAT STOPPER	1	
32	1063273110	AIR CLEANER ASSY.	1	INCLS. ALL ITEMS W/+
33+	1573620101	ELEMENT SET	1	
34+	1613261008	ELEMENT	1	
37	0851009981	RUBBER PIPE	1	
39	5803501200	INSULATOR	1	
40	2363590303	GASKET 2 (INSULATOR)	1	
41	1063500103	GASKET (INSULATOR)	1	
42	0011306750	BOLT	2	
43	030206150	SPRING WASHER	2	REPLACES 0032006000
44	0732001930	LABEL (CHOKE)	1	
45	1073273308	LABEL, ELEMENT MAINTENANCE	1	
46	920203980	DECAL, ELEMENT SET	1	
*	KITCARB60H2	CARBURETOR KIT, MTR-35 W/60H2	1	INCLS. ALL ITEMS W/*

ROBIN EC-08GH ENGINE — RECOIL STARTER AND BLOWER ASSY.

RECOIL STARTER AND BLOWER ASSY.



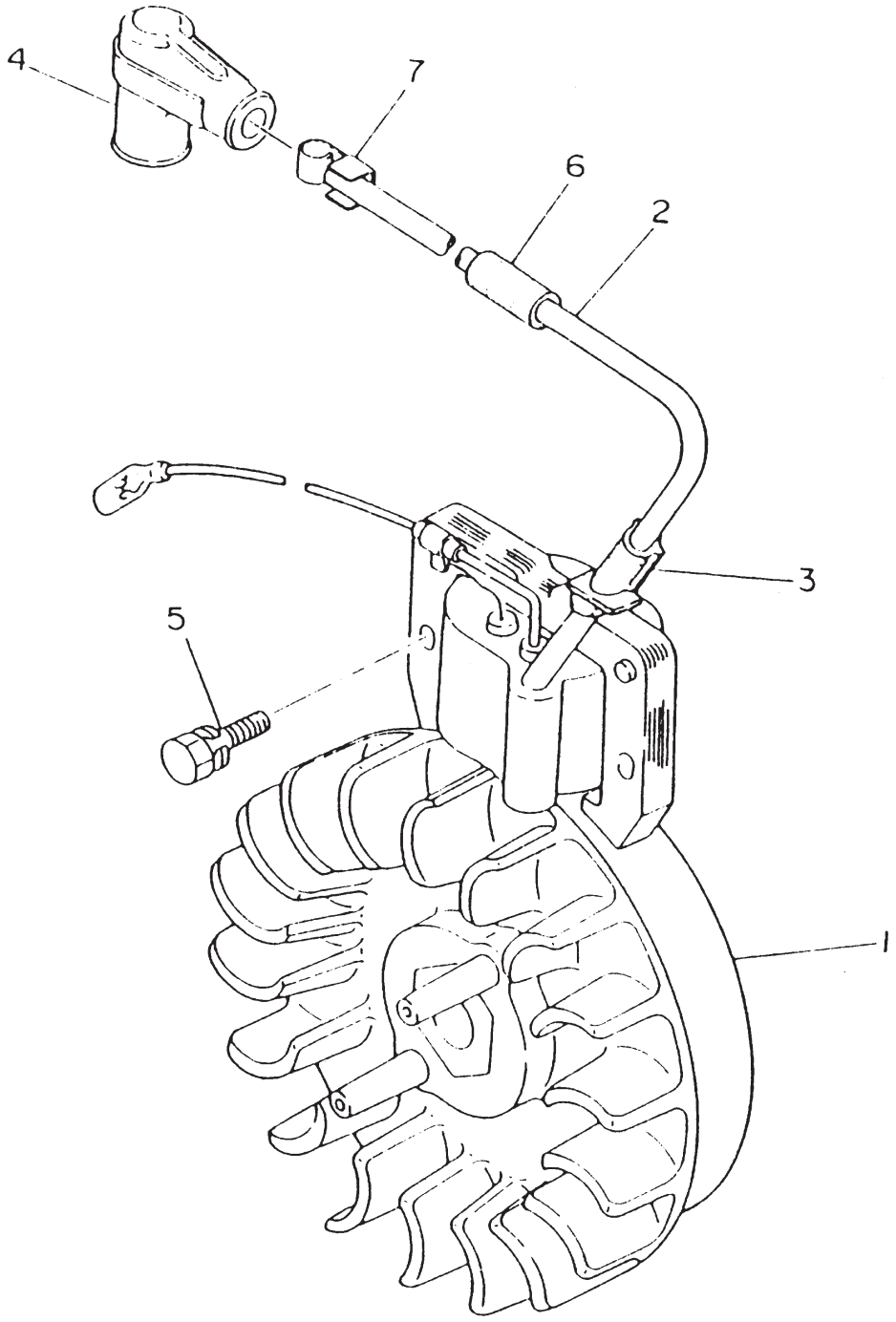


ROBIN EC-08GH ENGINE — RECOIL STARTER AND BLOWER ASSY.

RECOIL STARTER AND BLOWER ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	5805001000	RECOIL STATER ASSY	1	INCLUDES ITEMS W/*, REPLACES 5805011000
2*	5805004020	SPIRAL SPRING	1	
3*	5805004030	REEL	1	
4*	5805001020	STARTER ROPE	1	
5*	5805004050	RETURN SPRING	1	
6*	5805004040	RATCHET	1	
7*	5805011030	FRICTION SPRING	1	
8*	EC08A05038	FRICTION PLATE	1	REPLACES 5805004120
9*	5805011020	CENTER SCREW	1	
10*	5515005160	ROPE STOPPER	1	
11*	5805001030	STARTER HANDLE	1	
12*	EC08A050311	STARTER PULLEY	1	REPLACES 5805004140
13	0011006100	BOLT AND WASHER ASSY	3	
14	0011006140	BOLT ASSY	2	
15	5805500100	BLOWER HOUSING	1	
16	5515500200	GUIDE RUBBER	1	
17	0011106200	BOLT ASSY	4	
18	0566000250	CLAMP	1	
19	5809502200	LABEL, ENGINE NAME	1	
20	0669900207	STOP BUTTON ASSY	1	BELOW S/N C-1079, REPLACES 0662009870
20-1	0662009720	STOP SWITCH ASSY (ON-OFF)	1	S/N C-1079 & ABOVE
21	0043504060	SCREW	2	BELOW S/N C-1079,
21-1	0043304100	SCREW 4X0	2	S/N C-1079 & ABOVE
22	0566030010	CLAMP	1	
23	920100240	DECAL, (M-MARK)	1	

MAGNETO ASSY.



MAGNETO ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1		MAGNETO CP	1	NOT SRV. USE 5807005010 FLYWHEEL AND ITEM 2, IGNITION COIL
2	5807007020	IGNITION COIL	1	REPLACES 5807002020
3	0241069980	GROMMET	1	
4	0655000140	SPARK PLUG CAP	1	
5	0011105250	BOLT AND WASHER ASSY	2	
6	0851029960	VINYL PIPE	1	
7	0659000010	SPARK PLUG CLIP	1	REPLACES 0655000100

PARTS MANUAL

HERE'S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL NUMBER ON-HAND WHEN CALLING

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Cypress, CA 90630
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WEBSITE: www.multiquip.com

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E-MAIL: infocanada@multiquip.com

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