



AVAILABLE ATTACHMENTS & ACCESSORIES

Accessories

99945100010 Debris Deflector Shield

Maintenance and Repair Kits

90085 Cutting Head Assembly - 30"

PARTS CATALOG

HC-230 Hedge Clipper

22.8cc

SERIAL NUMBERS

S/N 05001001 - 05999999

ECHO, INCORPORATED

400 Oakwood Road Lake Zurich, Illinois 60047 USA

WWW.ECHO-USA.COM



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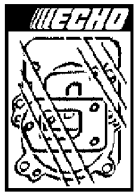
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HC-230 S/N 05001001 - 05999999

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GASKET KIT

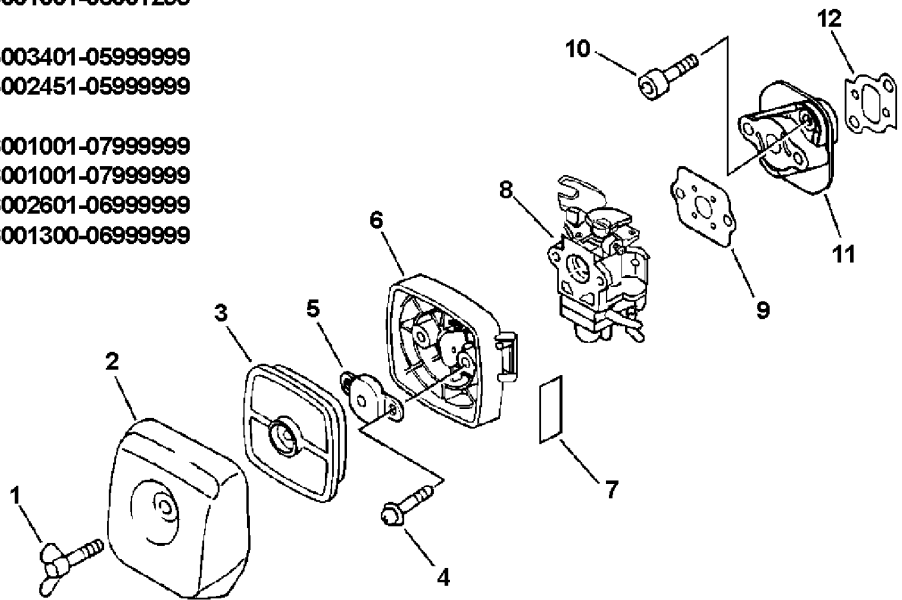


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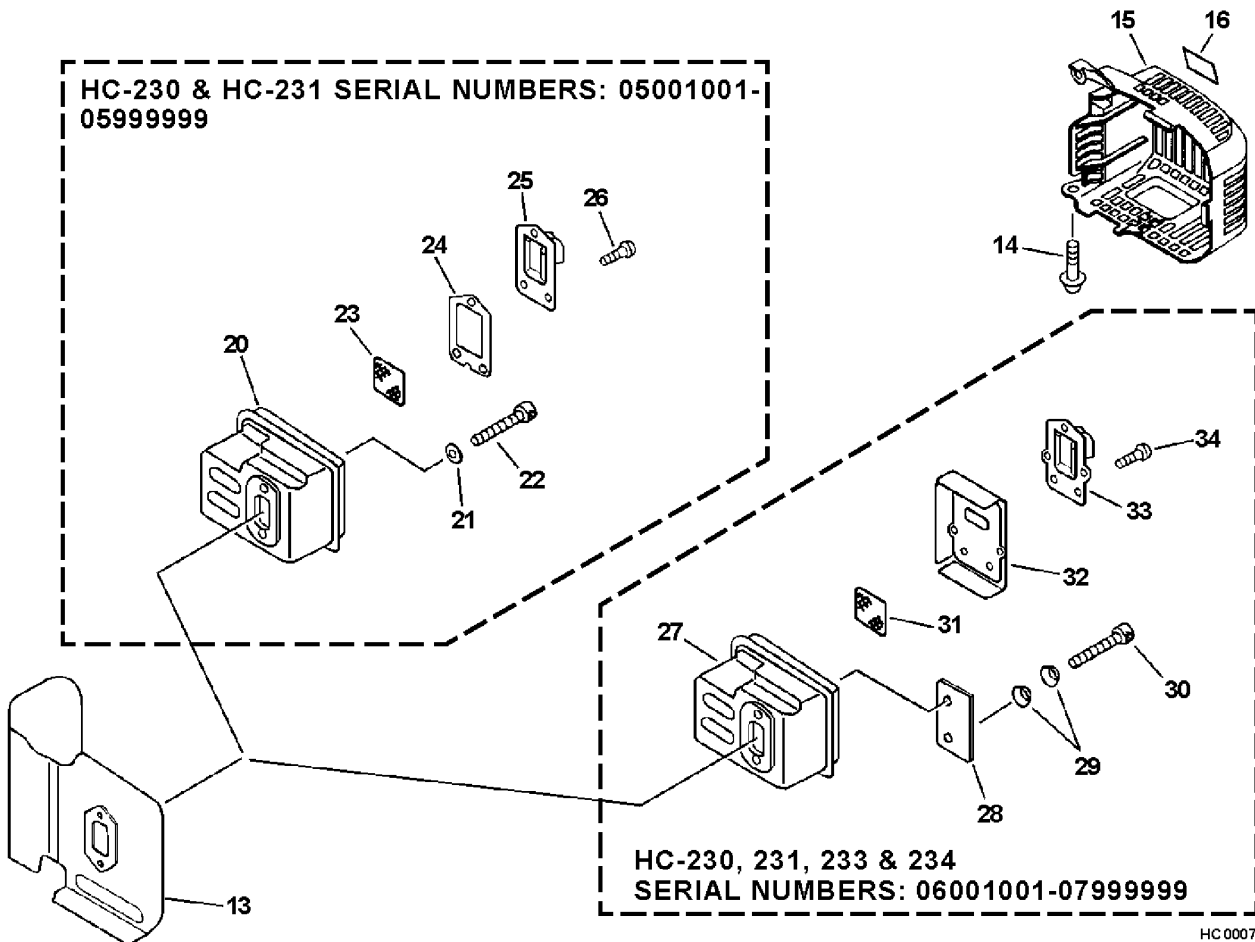
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 HC-234-06001300-06999999



HC-230 & HC-231 SERIAL NUMBERS: 05001001-05999999



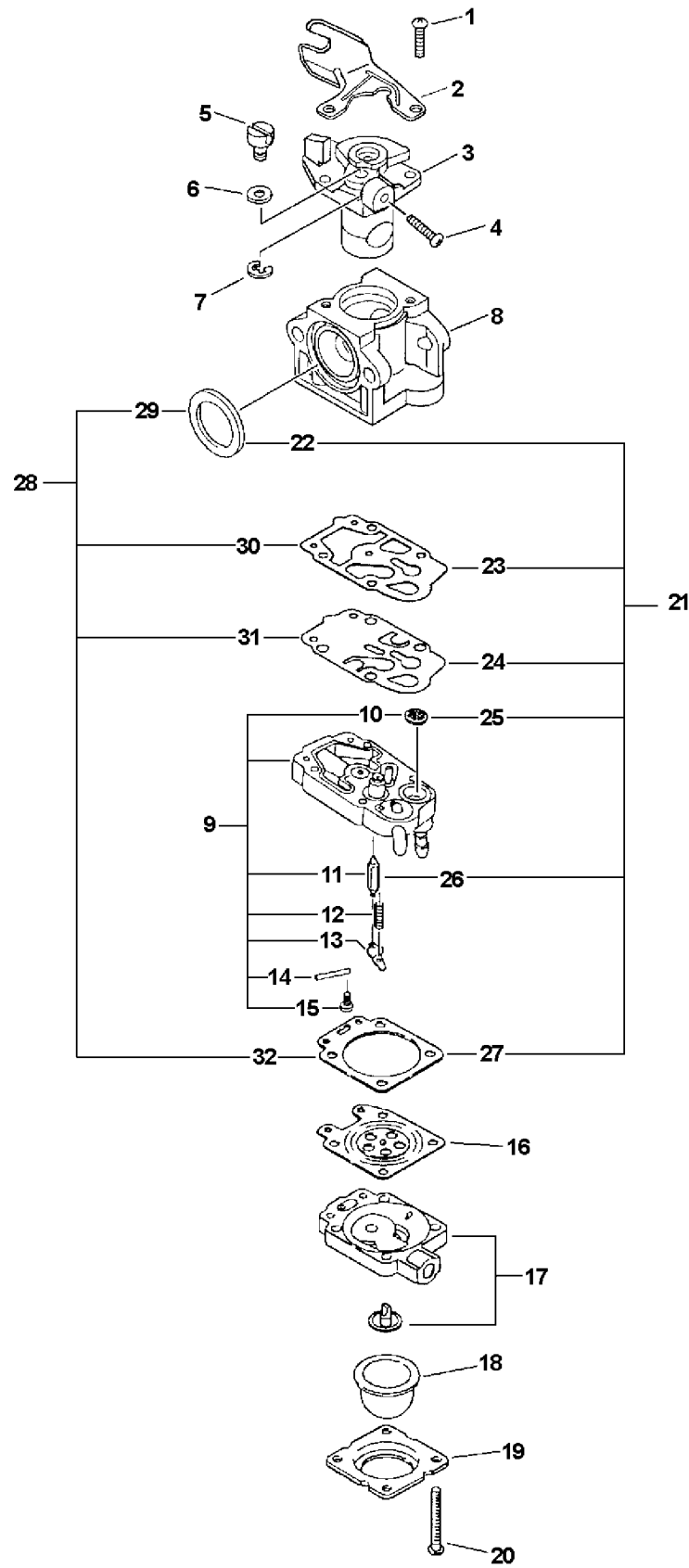
HC-230, 231, 233 & 234
 SERIAL NUMBERS: 06001001-07999999

HC 0007 00 000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	21041752730	1	WING BOLT	
2	13031306563	1	LID, AIR CLEANER	
3	13031054130	1	FILTER, AIR	
4	90024205060	2	SCREW 5X60	
5	12901152730	1	PLATE, PREVENT	
6	P021000991	1	CASE, AIR CLEANER	
7	89012152730	1	LABEL - CHOKE	
8	A021000370	1	CARBURETOR -- WYJ-314	
9	V103000010	1	GASKET, INTAKE ¹	
10	90016205025	2	SCREW 5X25	
11	A200000010	1	INSULATOR, INTAKE	
12	13001055930	1	GASKET, INTAKE ¹	
13	V104000060	1	SHIELD, EXHAUST ¹	
14	90010605012	2	SCREW 5X12	
15	A320000002	1	COVER, MUFFLER	
16	89016006361	1	LABEL - CAUTION -- HOT	
17	P021003880	1	GASKET KIT	
18	P021006450	1	GASKET KIT	
19	P021006470	1	GASKET KIT	
20	14580642030	1	MUFFLER	
21	90060000005	2	WASHER 5	
22	90010505055	2	SCREW 5X55	
23	14586240630	1	SCREEN, MUFFLER	
24	14586642031	1	GASKET, EXHAUST ¹	
25	A313000350	1	GUIDE, EXHAUST	
26	90024204010	3	SCREW 4X10	
27	A300000141	1	MUFFLER	
28	V150000371	1	PLATE, EYE	
29	V347000000	4	WASHER, CONICAL	
30	90010505055	2	SCREW 5X55	
31	14586240630	1	SCREEN, MUFFLER	
32	V104000360	1	GASKET, EXHAUST ¹	
33	A313000130	1	GUIDE, EXHAUST	
34	9136704010	5	SCREW 4X10	

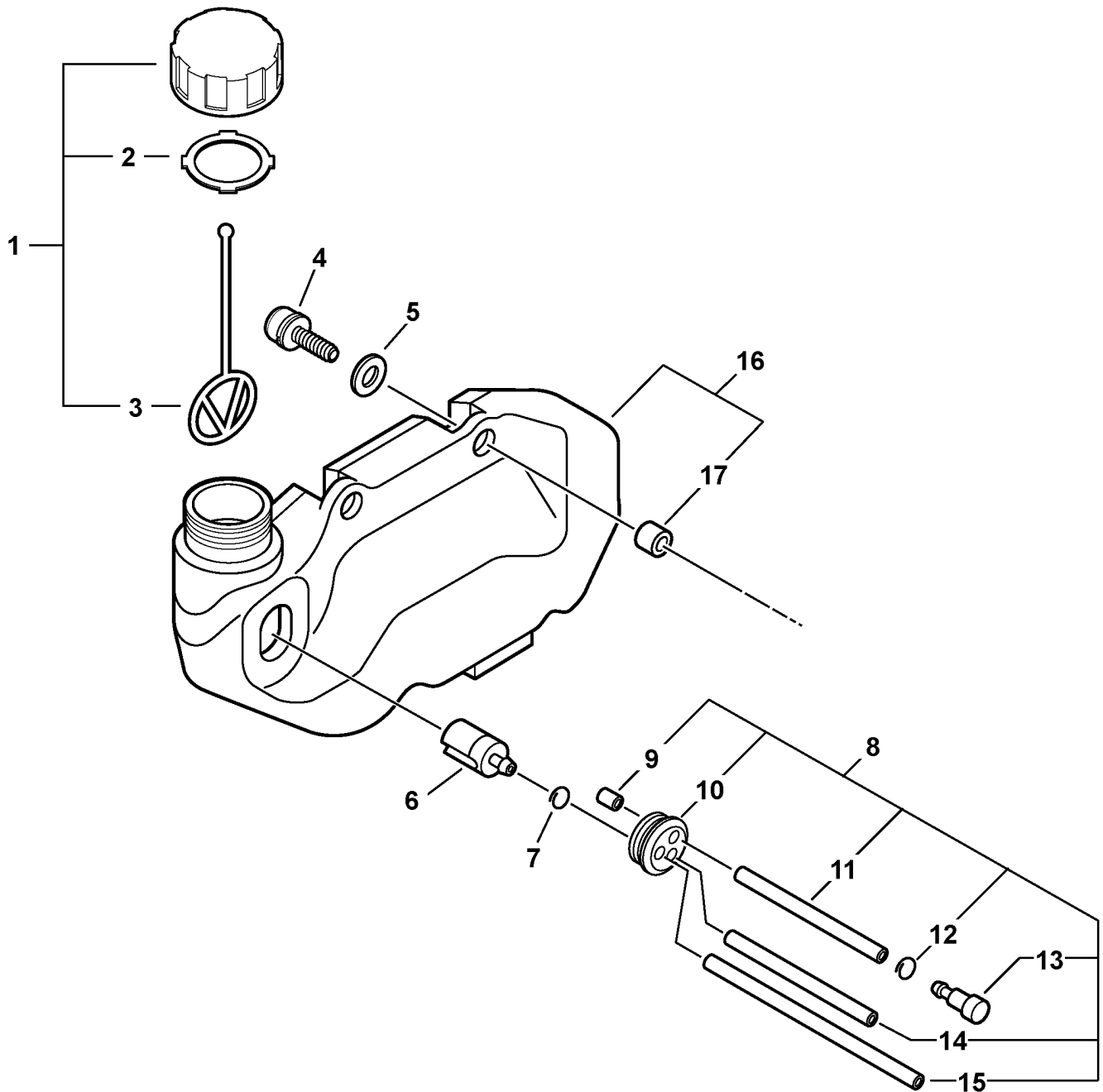
Footnotes

1: Also Included In GASKET KIT & SHORT BLOCK



WYJ_314 005_6_7

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	A021000370	1	CARBURETOR -- WYJ-314	
1	12311440630	2	SCREW, CABLE BRACKET	
2	P003000180	1	BRACKET CABLE	
3	-----	1	THROTTLE VALVE ASY	NOT AVAILABLE SEPARATELY
4	12313440030	1	SCREW, IDLE ADJUST	
5	12317245130	1	SWIVEL	
6	12314954230	1	WASHER	
7	12317307930	1	CLIP	
8	-----	1	BODY, CARBURETOR	NOT AVAILABLE SEPARATELY
9	P003000290	1	PUMP BODY ASY	INCLUDES ITEMS 10-15
10	-----	1	SCREEN, INLET	
11	-----	1	VALVE, INLET NEEDLE	
12	12312205560	1	SPRING, METERING LEVER	
13	12312303930	1	LEVER, METERING	
14	12313803930	1	PIN, METERING LEVER	
15	12313905560	1	SCREW, METERING LEVER PIN	
16	P003000090	1	METERING, DIAPHRAGM	
17	12318005560	1	BODY, AIR PURGE	
18	12318140630	1	BULB, PURGE	
19	12314205560	1	COVER, PRIMER PUMP	
20	12311005560	4	SCREW, PUMP COVER	
21	P003000190	1	REPAIR KIT	INCLUDES ITEMS 22-27
22	-----	1	RING, PACKING	
23	-----	1	GASKET, PUMP	
24	-----	1	DIAPHRAGM, PUMP	
25	-----	1	SCREEN, INLET	
26	-----	1	VALVE, INLET NEEDLE	
27	-----	1	GASKET, METERING DIAPHRAGM	
28	P003000200	1	GASKET/DIAPHRAGM KIT	INCLUDES ITEMS 29-32
29	-----	1	RING, PACKING	
30	-----	1	GASKET, PUMP	
31	-----	1	DIAPHRAGM, PUMP	
32	-----	1	GASKET, METERING DIAPHRAGM	



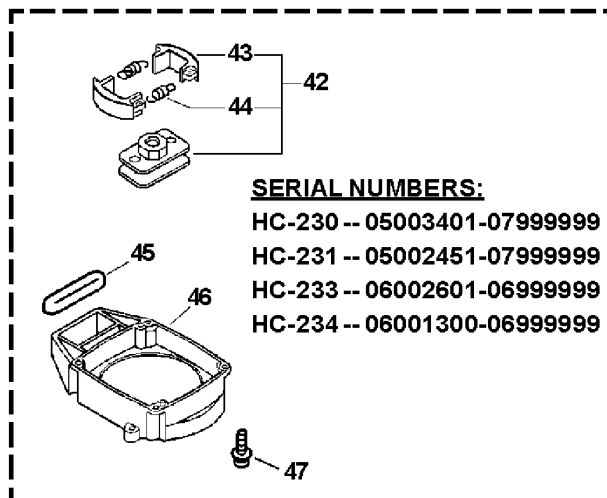
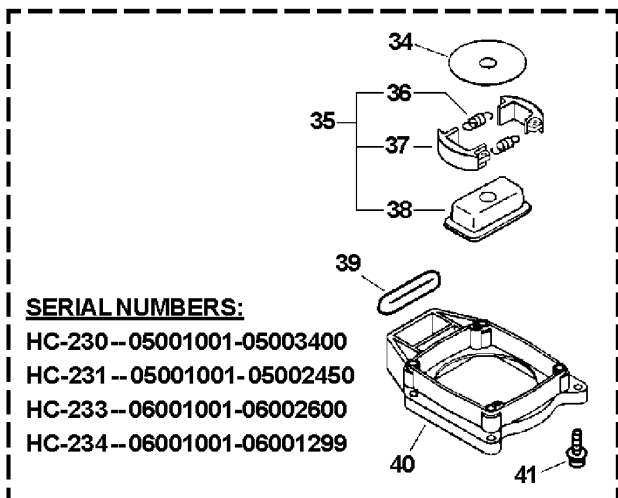
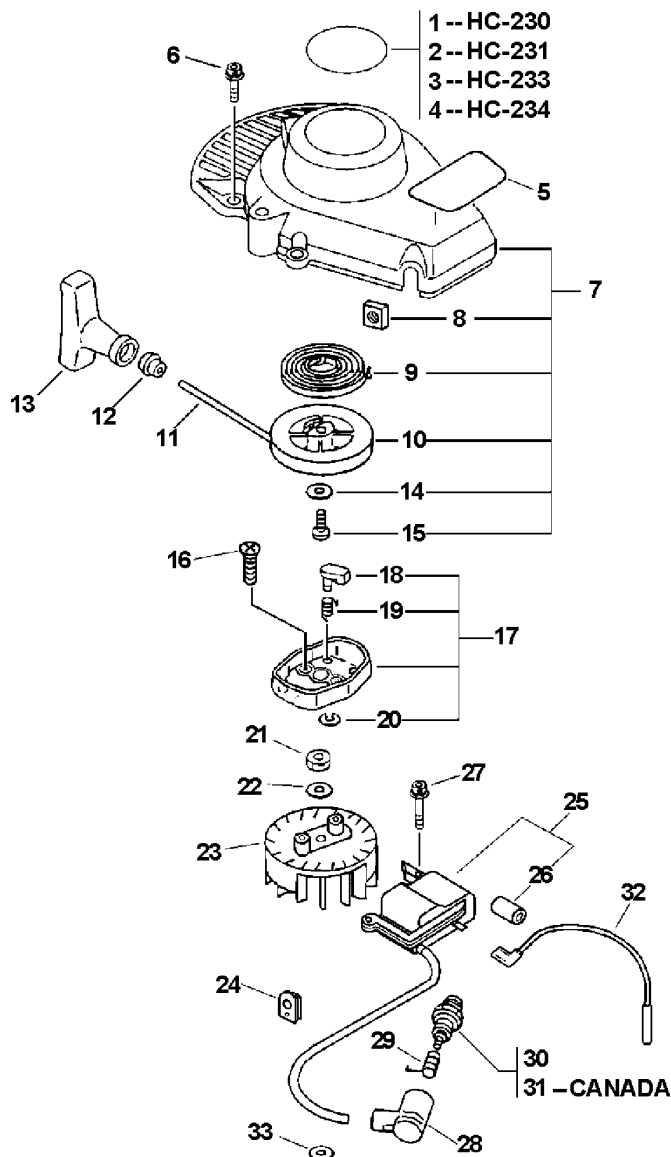
002 0001 A00

HC-230 Hedge Clipper
Fuel System

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	13100455530	1	FUEL TANK CAP ASY	INCLUDES ITEM 2-3
2	13101655830	1	GASKET, FUEL CAP	
3	13105156030	1	CONNECTOR, FUEL CAP	
4	90016205016	2	BOLT 5X16	
5	90060300005	2	WASHER 5	
6	13120519830	1	FILTER, FUEL	
7	13201309820	1	CLIP	
8	A034000000	1	FUEL PIPE KIT	INCLUDES ITEMS 9-15
9	13201761830	2	COLLAR 3	
10	13211561830	1	GROMMET, PIPE	
11	V471000150	1	PIPE, VENT - 3X5X65mm ¹	
12	13011100530	1	CLIP	
13	A356000030	1	VENT ASY	
14	V471000131	1	PIPE, RETURN - 3X5X170mm ¹	
15	V471000140	1	PIPE, FUEL - 3X5X275mm ¹	
16	A350000014	1	TANK, FUEL	INCLUDES ITEM 17
17	13104528230	2	COLLAR	

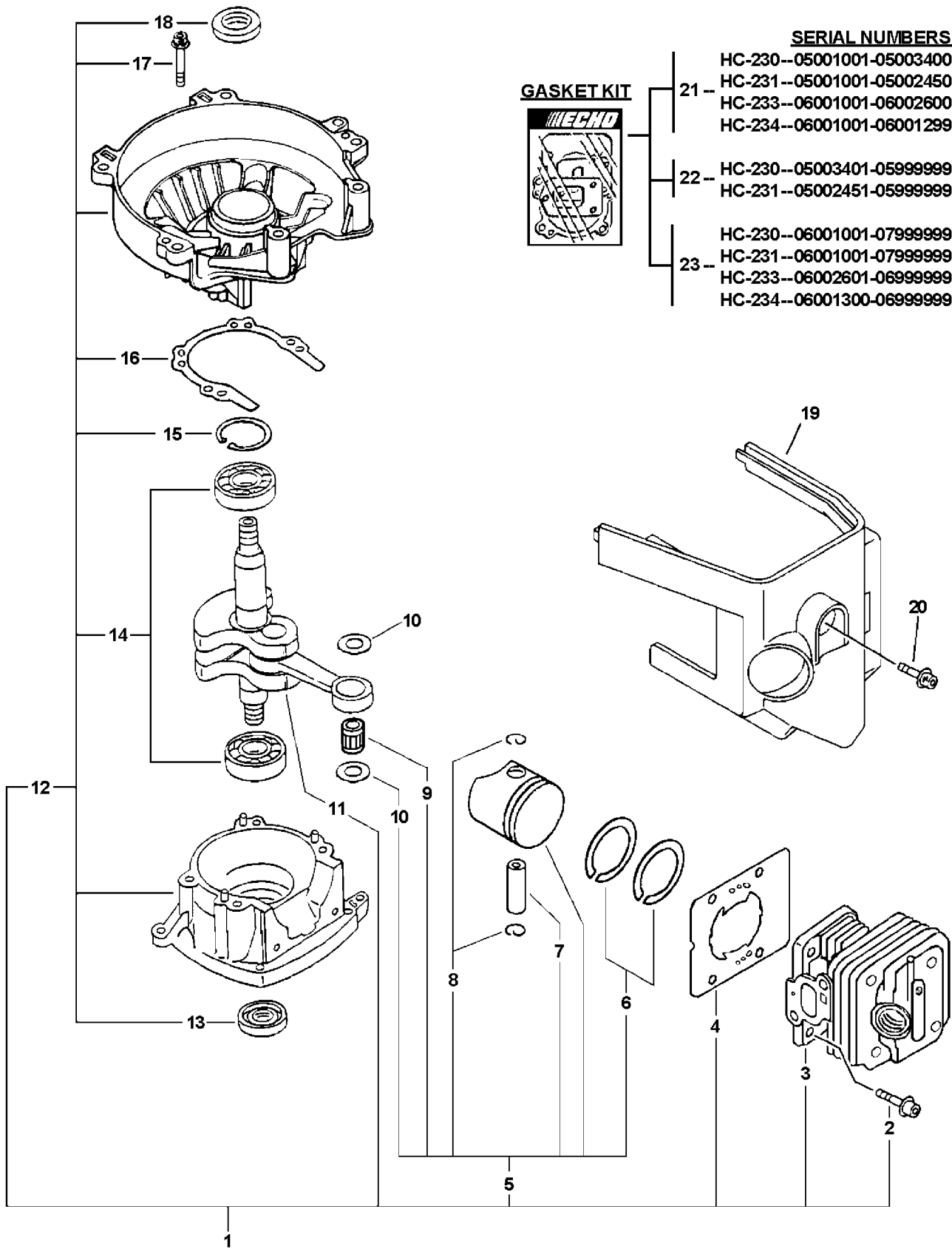
Footnotes

1: BULK OPTION: 90014



HC0004 00000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	X503003100	1	LABEL - MODEL -- HC-230	
2	X503001160	1	LABEL - MODEL -- HC-231	
3	X503001610	1	LABEL - MODEL -- HC-233	
4	X503001620	1	LABEL - MODEL -- HC-234	
5	X505000280	1	LABEL, CAUTION	
6	90016205016	4	BOLT, 5X16	
7	A051000020	1	STARTER ASY	INCLUDES ITEMS 8-15
8	90056500005	1	SQUARE NUT	
9	17722040630	1	SPRING, REWIND	
10	17721540630	1	DRUM, STARTER	
11	17722661830	1	ROPE, STARTER - 3X1000mm	BULK OPTION: 99944440000
12	17722742030	1	GUIDE, ROPE	
13	17722827030	1	GRIP, STARTER	
14	17721442030	1	WASHER	
15	17723644330	1	SCREW	
16	90021206014	2	SCREW 6X14	
17	A052000000	1	STARTER PULLEY ASY	INCLUDES ITEMS 18-20
18	17721840630	1	PAWL, STARTER	
19	17723411410	1	SPRING, RETURN	
20	90070000004	1	E-RING 4	
21	90051200008	1	NUT 8	
22	90060000008	1	WASHER 8	
23	A409000130	1	FLYWHEEL	
24	15611240630	1	GROMMET	
25	A411000110	1	COIL, IGNITION	INCLUDES ITEM 26
26	V475002200	1	TUBE	
27	90016205016	2	BOLT 5X16	
28	15901203433	1	CAP, SPARK PLUG	
29	15901103432	1	TERMINAL, SPARK PLUG CAP	
30	15901019830	1	SPARK PLUG -- BPM-8Y	
31	A425000000	1	SPARK PLUG -- BPMR-8Y	CANADA MODELS: 07001001-07999999
32	V485000220	1	LEAD, GROUND	
33	17504403430	1	WASHER	
34	17501904920	1	PLATE, CLUTCH	
35	17500002962	1	CLUTCH ASY	INCLUDES ITEMS 35-38
36	17501805960	2	SPRING, CLUTCH	
37	17500905131	2	SHOE, CLUTCH	
38	17501607330	1	HUB, CLUTCH	
39	13192061830	1	CUSHION, FUEL TANK	
40	A570000020	1	CASE, CLUTCH	
41	90016204014	4	SCREW 4X14	
42	A056000090	1	CLUTCH ASY	INCLUDES ITEMS 43-44
43	17500905131	2	SHOE, CLUTCH	
44	17501805960	2	SPRING, CLUTCH	
45	13192061830	1	CUSHION, FUEL TANK	
46	A570000100	1	CASE, CLUTCH	
47	90016204014	4	SCREW 4X14	



HC000200000

HC-230 Hedge Clipper
Engine, Short Block, Cylinder Cover

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	SB1063	1	SHORT BLOCK ¹	INCLUDES ITEM 2-18
2	90016205022	4	SCREW 5X22	
3	A130000341	1	CYLINDER	
4	V100000060	1	GASKET, CYLINDER ²	
5	P021003860	1	PISTON KIT	INCLUDES ITEMS 6-10
6	A101000000	2	RING, PISTON	
7	10001311520	1	PIN, PISTON	
8	10001504630	2	CIRCLIP, PISTON PIN	
9	V553000020	1	BEARING, NEEDLE	
10	10001455930	2	SPACER, PISTON PIN	
11	A011000061	1	CRANKSHAFT ASY	
12	P021001091	1	CRANKCASE KIT	INCLUDES ITEMS 13-18
13	10021305530	1	OIL SEAL	
14	90080036001	2	BEARING, BALL	
15	90070200028	1	CIRCLIP 28	
16	10024255930	1	GASKET, CRANKCASE ²	
17	90016205025	4	SCREW 5X25	
18	10021228230	1	OIL SEAL	
19	A160000080	1	COVER, CYLINDER	
20	9111005016	1	SCREW 5X16	
21	P021003880	1	GASKET KIT	
22	P021006450	1	GASKET KIT	
23	P021006470	1	GASKET KIT	

Footnotes

1: OPTIONAL ENGINE REPOWER

2: Also Included In GASKET KIT

HC-230: 05001001-05003400

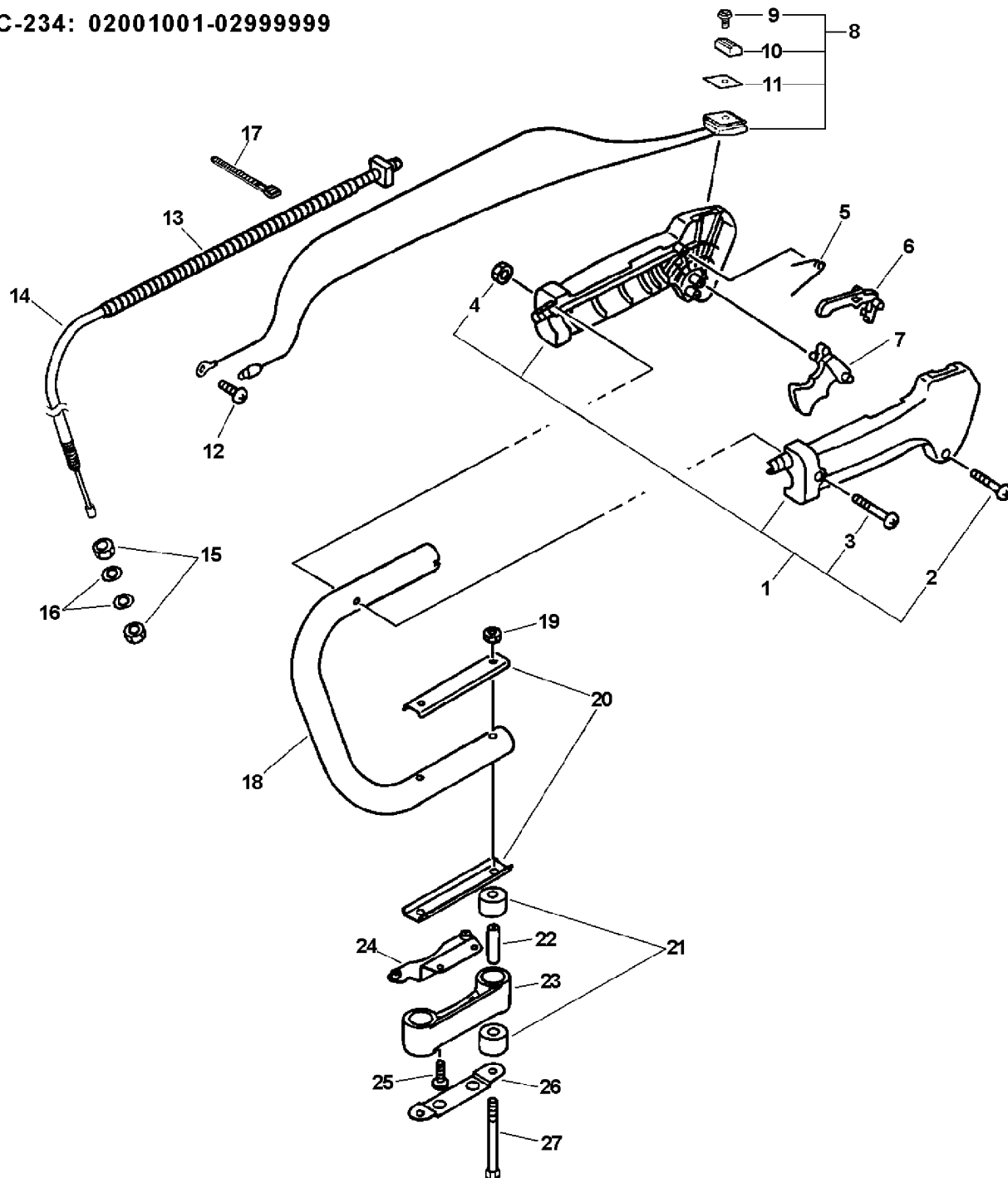
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HC-233: 02001001-02999999

HC-233: 06001001-06002600

HC-234: 06001001-06001299

HC-234: 02001001-02999999



HC0008 00 000

HC-230 Hedge Clipper

Handle, Stop Switch, Throttle Cable S/N 05001001 - 05003400

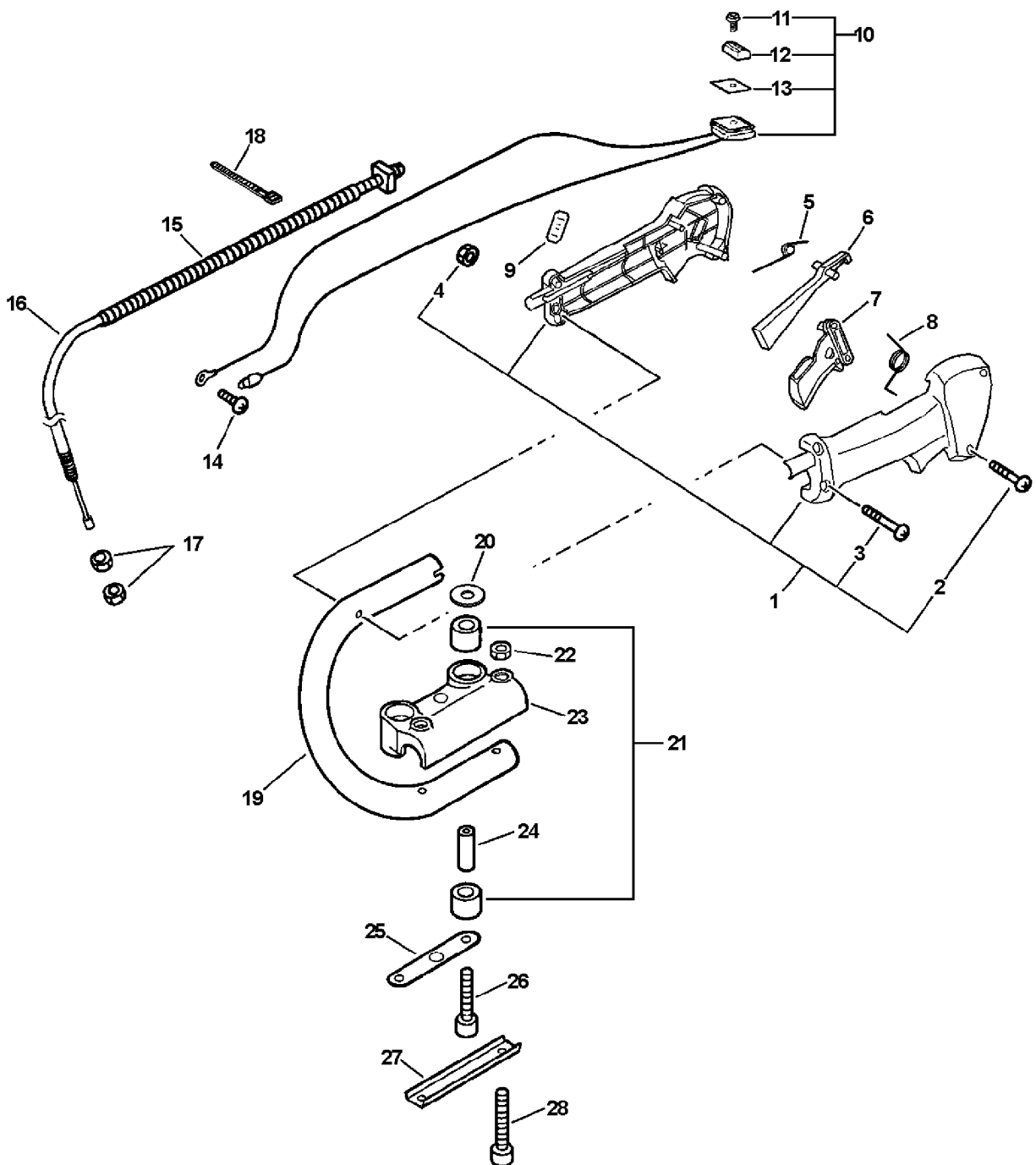
ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	35110247530	1	FRONT HANDLE GRIP ASY	INCLUDES ITEMS 2-4
2	90024603025	4	SCREW 3X25	
3	90022005030	1	SCREW 5X30	
4	90050000005	1	NUT 5	
5	17801335631	1	SPRING, THROTTLE LOCK	
6	17801205960	1	LOCKOUT, THROTTLE	
7	17801005960	1	TRIGGER, THROTTLE	
8	A440000121	1	SWITCH, IGNITION	INCLUDES ITEMS 9-11
9	9154503010	1	SCREW 3X10	
10	16341049231	1	KNOB, SWITCH	
11	89015712330	1	LABEL - STOP	
12	90024205010	1	SCREW 5X10	
13	V475000840	1	TUBE	
14	V430000090	1	CABLE, THROTTLE	
15	90050200006	2	NUT 6	
16	90060000006	2	WASHER	S/N: 02001001-02999999 ONLY
17	V495000300	1	BAND	
18	35120508961	1	HANDLE, REAR	
19	90056000005	2	LOCKNUT 5	
20	35124301260	2	BRACKET, HANDLE	
21	35122801260	4	CUSHION	
22	35124101260	2	SPACER	
23	35121705960	1	SUPPORTER, HANDLE	
24	61043801260	1	PLATE	
25	90023805016	2	SCREW 5X16	
26	35124201261	1	PLATE, CUSHION	
27	90010505060	2	SCREW 5X60	

HC-230: 05003401-05003793

HC-231: 05002451-05002722

HC-233: 06002601-06003300

HC-234: 06001300-06001395



HC000900000

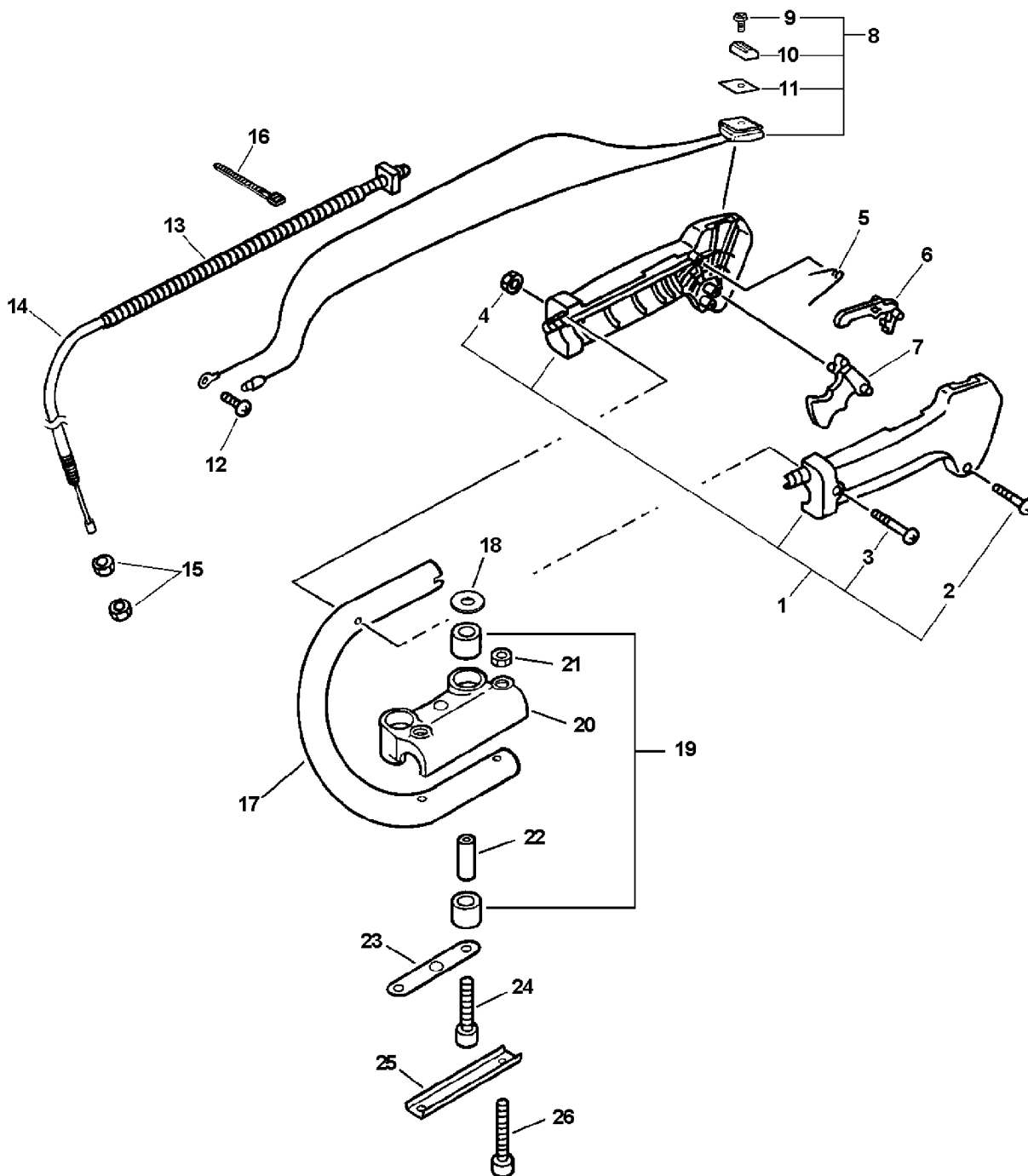
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1	P021002611	1	FRONT HANDLE GRIP ASY	INCLUDES ITEMS 2-4
2	90025304016	3	SCREW 4X16	
3	90022005030	1	SCREW 5X30	
4	90050000005	1	NUT 5	
5	V452000050	1	SPRING, THROTTLE LOCK	
6	C460000011	1	LOCKOUT, THROTTLE	
7	C450000022	1	TRIGGER, THROTTLE	
8	V452000060	1	SPRING, THROTTLE TRIGGER	
9	V162000130	1	PLUG	
10	A440000121	1	SWITCH, IGNITION	INCLUDES ITEMS 11-13
11	9154503010	1	SCREW 3X10	
12	16341049231	1	KNOB, SWITCH	
13	89015712330	1	LABEL - STOP	
14	90024205010	1	SCREW 5X10	
15	V475000840	1	TUBE	
16	V430000090	1	CABLE, THROTTLE	
17	90050200006	2	NUT 6	
18	17812143230	2	BAND	
19	C410000170	1	HANDLE, REAR	
20	30021700610	2	WASHER	
21	35122807760	4	CUSHION	
22	90050000005	2	NUT 5	
23	35121707761	1	SUPPORTER, HANDLE	
24	35124101260	2	SPACER	
25	35124206961	1	PLATE, EYE	
26	90016205045	2	SCREW 5X45	
27	35124301260	1	BRACKET	
28	90016205035	2	SCREW 5X35	

HC-230: 05003794-07999999

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HC-233: 06003301-06999999

HC-234: 06001396-06999999



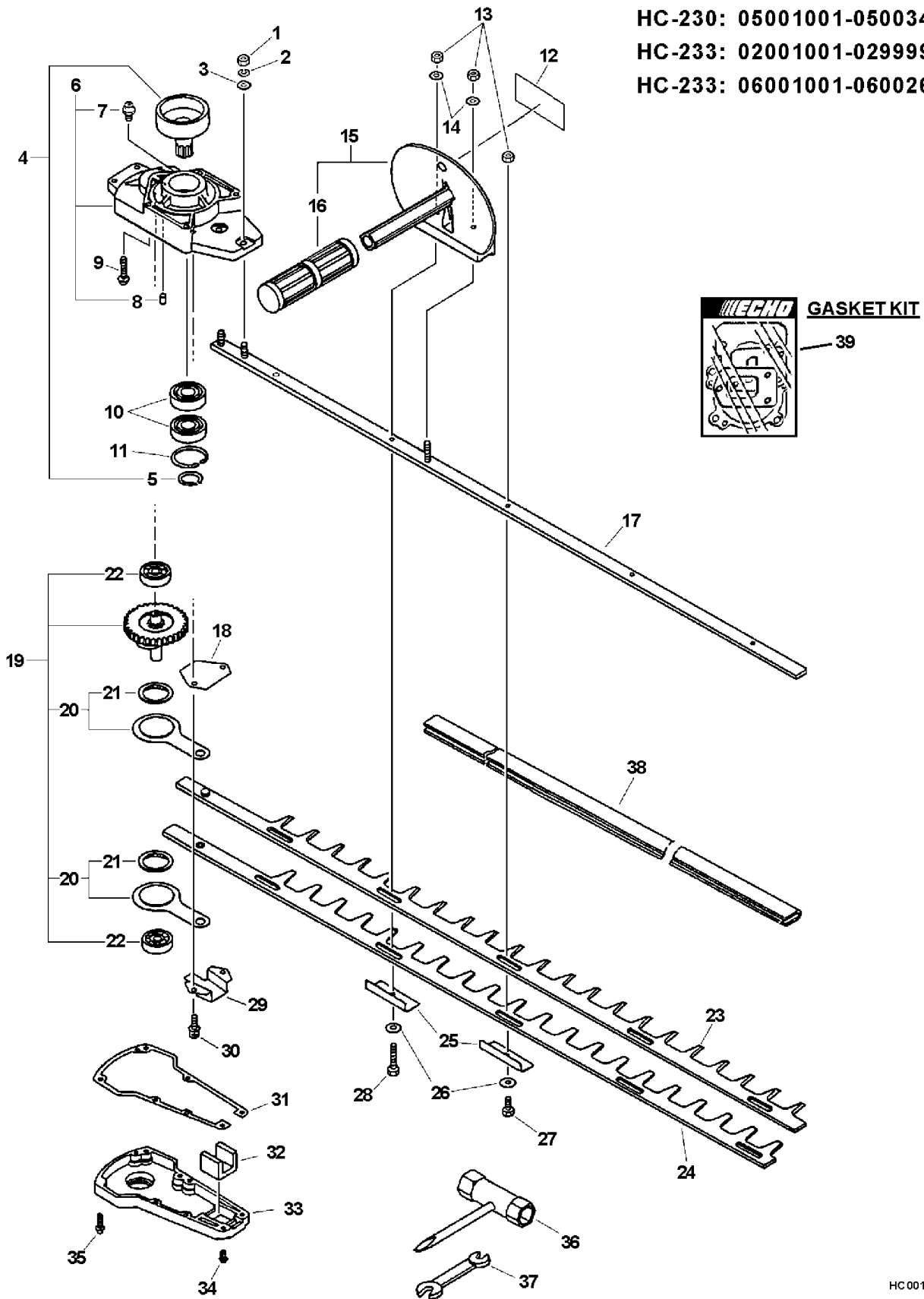
HC001000000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	35110247530	1	FRONT HANDLE GRIP ASY	INCLUDES ITEMS 2-4
2	90024603025	4	SCREW 3X25	
3	90022005030	1	SCREW 5X30	
4	90050000005	1	NUT 5	
5	17801335631	1	SPRING, THROTTLE LOCK	
6	17801205960	1	LOCKOUT, THROTTLE	
7	17801005960	1	TRIGGER, THROTTLE	
8	A440000121	1	SWITCH, IGNITION	INCLUDES ITEMS 9-11
9	9154503010	1	SCREW 3X10	
10	16341049231	1	KNOB, SWITCH	
11	89015712330	1	LABEL - STOP	
12	90024205010	1	SCREW 5X10	
13	V475000840	1	TUBE	
14	V430000090	1	CABLE, THROTTLE	
15	90050200006	2	NUT 6	
16	17812143230	1	BAND	
17	C410000170	1	HANDLE, REAR	
18	30021700610	2	WASHER	
19	35122807760	4	CUSHION	
20	90050000005	2	NUT 5	
21	35121707761	1	SUPPORTER, HANDLE	
22	35124101260	2	SPACER	
23	35124206961	1	PLATE, EYE	
24	90016205045	2	SCREW 5X45	
25	35124301260	1	BRACKET	
26	90016205035	2	SCREW 5X35	

HC-230: 05001001-05003400

HC-233: 02001001-02999999

HC-233: 06001001-06002600

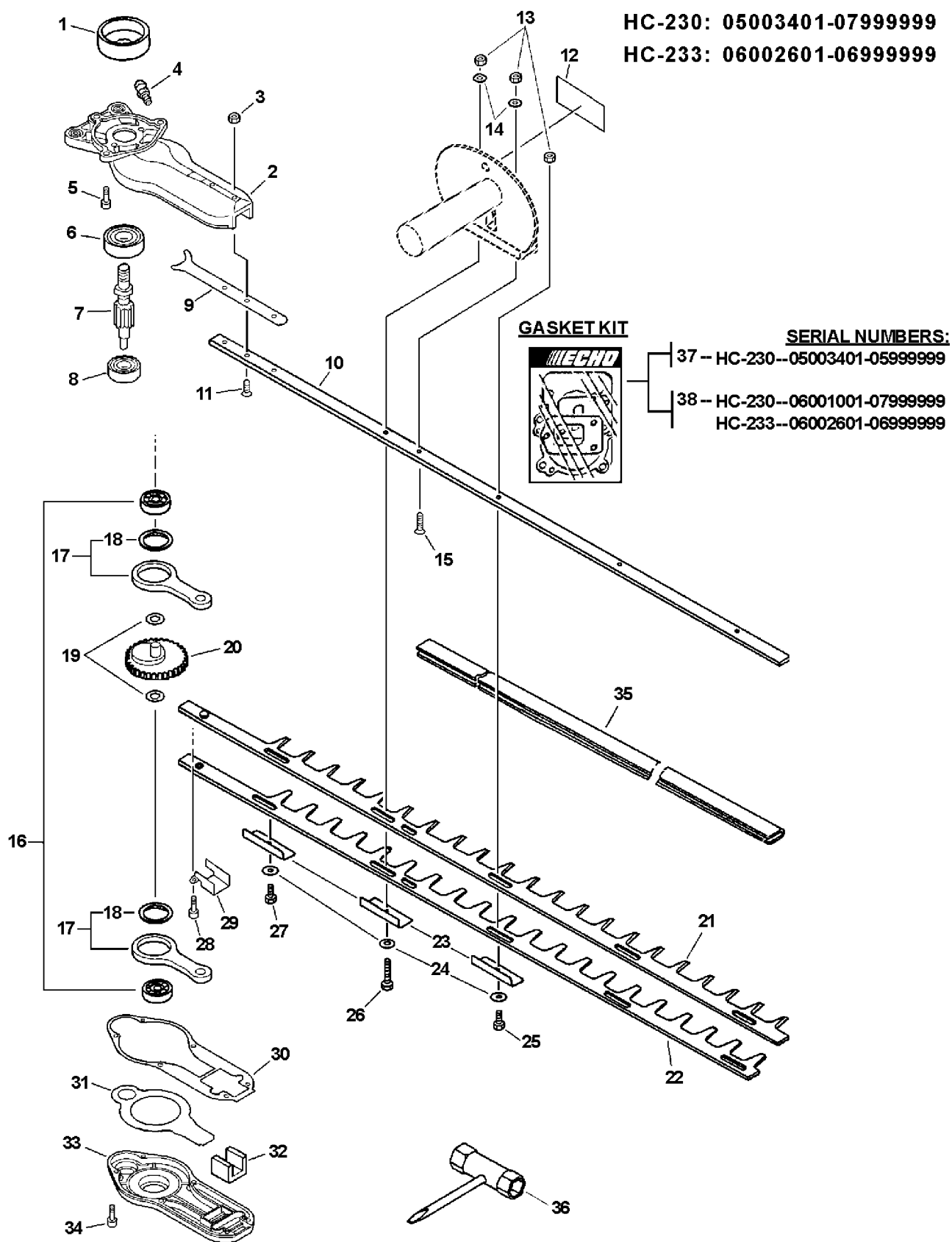


HC001100000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	90050000006	2	NUT 6	
2	90060500006	2	SPRING WASHER 6	
3	90060000006	2	WASHER 6	
4	17500301261	1	CLUTCH DRUM KIT	INCLUDES ITEM 5
5	90070100016	1	CIRCLIP 19	
6	61040708561	1	GEAR CASE	INCLUDES ITEMS 7-8
7	88011010860	1	NIPPLE, GREASE	
8	V622000020	2	DOWEL PIN	
9	90016205030	4	SCREW 5X30	
10	90080206003	2	BEARING, BALL 6003	
11	90070200035	1	CIRCLIP 35	
12	X505000270	1	LABEL, CAUTION	
13	43302206460	6	NUT	
14	90060300006	2	WASHER 6	
15	35120002060	1	FRONT HANDLE ASY	INCLUDES ITEM 16
16	35101201260	1	GRIP, HANDLE	
17	X425000100	1	SUPPORT, CUTTER	
18	61044008960	1	GUIDE, CUTTER	
19	61030209661	1	GEAR ASY	INCLUDES ITEMS 20-22
20	61030701261	2	CONNECTING ROD ASY	INCLUDES ITEM 21
21	61032701261	2	BEARING, NEEDLE	
22	90081006200	2	BEARING, BALL 6200	
23	X411000080	1	CUTTER - UPPER	
24	X411000090	1	CUTTER - LOWER	
25	69921302062	5	INSULATOR	
26	69911801261	5	WASHER	
27	69911502062	4	BOLT	
28	35102702060	1	BOLT	
29	61044108960	1	GUIDE, CUTTER	
30	90016205014	2	BOLT 5X14	
31	61041401260	1	GASKET, GEAR ¹	
32	61042601260	1	SEAL	
33	61043108960	1	LID, GEAR CASE	
34	90024204014	4	SCREW 4X14	
35	90024204022	2	SCREW 4X22	
36	89541006960	1	WRENCH, W/SCREWDRIVER	
37	89511200330	1	SPANNER 8X10	
38	89852302961	1	COVER, BLADE	
39	P021002240	1	GASKET KIT	
39	P021003880	1	GASKET KIT	

Footnotes

1: Also Included In GASKET KIT



HC001200000

HC-230 Hedge Clipper

Blades, Gear Case, Tools S/N 05003401 - 05999999

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	A556000301	1	DRUM, CLUTCH	
2	C531000210	1	GEAR CASE - UPPER	
3	90051800006	2	FLANGE NUT	
4	88011010860	1	NIPPLE, GREASE	
5	90016206018	3	SCREW 6X18	
6	90081206200	1	BEARING, BALL 6200	
7	V650000160	1	GEAR, SPUR	
8	90080400608	1	BEARING, BALL 608	
9	V150001240	1	PLATE, EYE	
10	X425000130	1	SUPPORT, CUTTER	
11	9110306030	2	SCREW 6X30	
12	X505000270	1	LABEL, CAUTION	
13	43302206460	6	NUT	
14	90060300006	2	WASHER 6	
15	9110306030	1	SCREW 6X30	
16	90081006200	2	BEARING, BALL 6200	
17	C532000080	2	ROD, CONNECTING	INCLUDES ITEM 18
18	61032701261	2	BEARING, NEEDLE	
19	V307000050	2	SPACER	
20	V060000030	1	GEAR, SPUR	
21	X411000200	1	CUTTER, UPPER - 30"	
22	X411000210	1	CUTTER, LOWER - 30"	
23	69921302062	5	INSULATOR	
24	69911801261	5	WASHER	
25	69911502062	3	BOLT	
26	35102702060	1	BOLT	
27	69911508960	1	BOLT, CUTTER	
28	90016304016	2	SCREW 4X16	
29	C538000090	1	GUIDE, CUTTER	
30	V110000030	1	GASKET, GEAR CASE	
31	C542000020	1	PLATE, GEAR CASE ¹	
32	V541000100	1	SEAL	
33	C531000220	1	GEAR CASE - LOWER	
34	90016304016	6	SCREW 4X16	
35	89852302961	1	COVER, BLADE	
36	89541006960	1	WRENCH, W/SCREWDRIVER	
37	P021006450	1	GASKET KIT	
38	P021006470	1	GASKET KIT	

Footnotes

1: Also Included In GASKET KIT

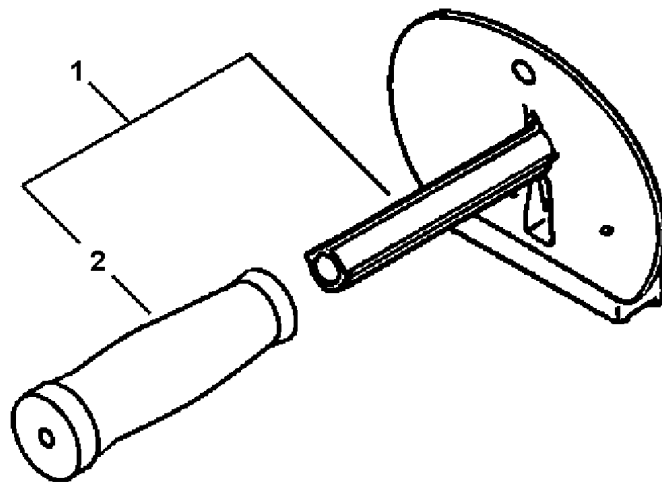
SERIAL NUMBERS:

HC-230: 05003401-06001040

HC-231: 05002451-05003297

HC-233: 06002601-06005485

HC-234: 06001300-06001642



HC0015 00 000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	P021006430	1	HANDLE ASY	INCLUDES ITEM 2
2	C403000070	1	GRIP, HANDLE	

WRENCH W/SCREWDRIVER (Also Remove Spark Plugs)

1 - 89541010630 -- 17X19mm

2 - X602000020 -- 17X19mm

3 - 89541039131 -- 10X19mm

4 - 89541006960 -- 13X19mm

BOX WRENCH

5 - X602000031 -- 17X14.5mm

LOCKING BAR

6 - 89751801131 -- 5X120mm

SPANNER

7 - 89511200330 -- 8X10mm

8 - 89512220960 -- 17X19mm

9 - 89501505260 -- 10mm

HEX BAR

10 - 89541220960 -- 10mm

L-WRENCH

11 - 89561203430 -- 3mm

12 - 89561000130 -- 4mm

13 - 89561100330 -- 5mm

SCREWDRIVER

14 - 89581100130 -- 125mm

15 - 89581203930 -- 50mm

200 0001 000

HC-230 Hedge Clipper

Tools

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	89541010630	1	WRENCH/SCREWDRIVER -- 17X19mm	
2	X602000020	1	WRENCH/SCREWDRIVER -- 17X19mm	
3	89541039131	1	WRENCH/SCREWDRIVER -- 10X19mm	
4	89541006960	1	WRENCH/SCREWDRIVER -- 13X19mm	
5	X602000031	1	BOX WRENCH -- 17X14.5mm	
6	89751801131	1	LOCKING BAR -- 5X120mm	
7	89511200330	1	SPANNER -- 8X10mm	
8	89512220960	1	SPANNER -- 17X19mm	
9	89501505260	1	SPANNER -- 10mm	
10	89541220960	1	HEX BAR -- 10mm	
11	89561203430	1	L-WRENCH -- 3mm	
12	89561000130	1	L-WRENCH -- 4mm	
13	89561100330	1	L-WRENCH -- 5mm	
14	89581100130	1	SCREWDRIVER -- 125mm	
15	89581203930	1	SCREWDRIVER -- 50mm	



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NOTES



ECHO, INCORPORATED

400 Oakwood Road
Lake Zurich, IL 60047 USA

WWW.ECHO-USA.COM
