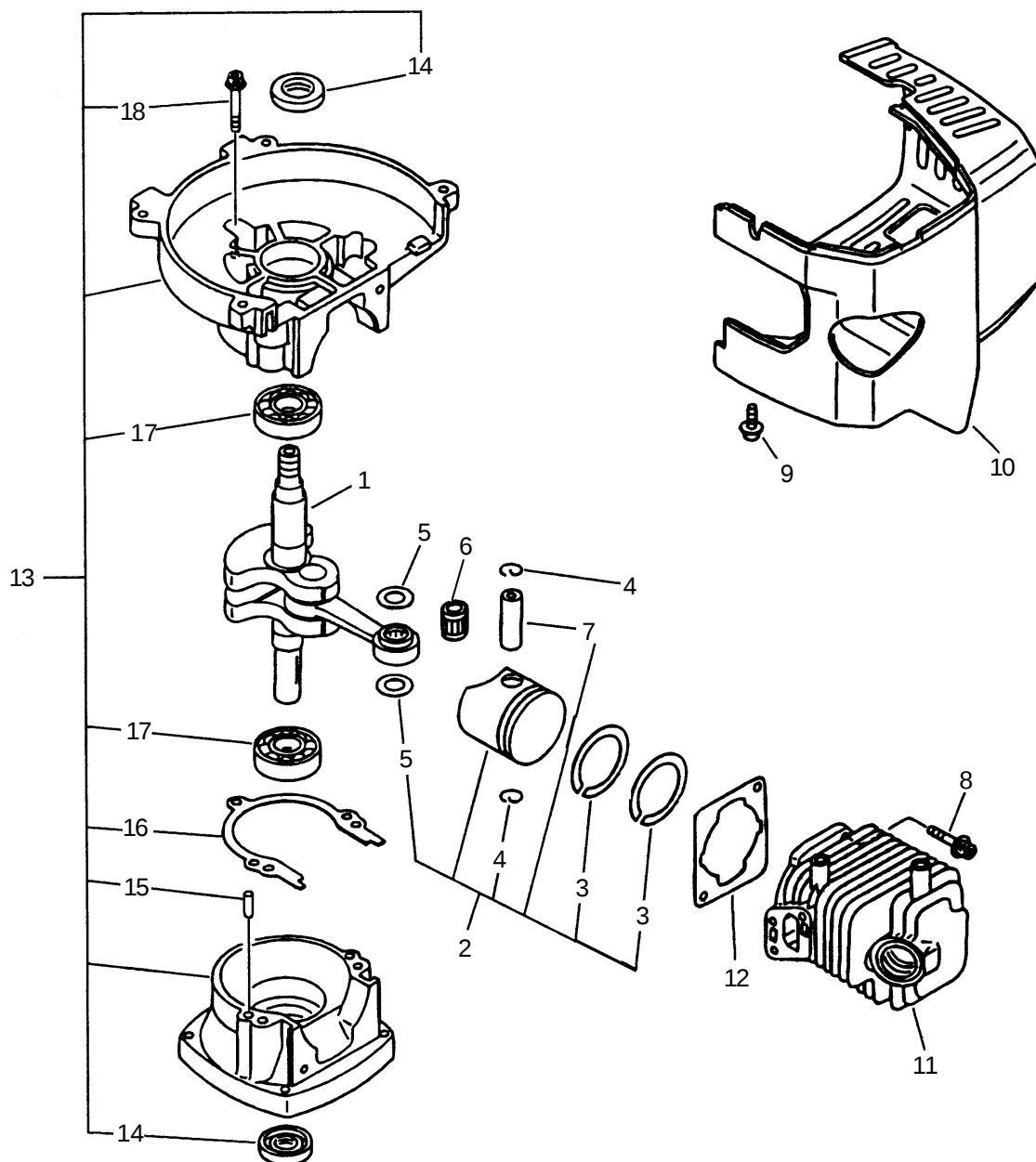




**HEDGE CLIPPER
MODEL HCR-1500
TYPE 1E
SERIAL NUMBER 001001 & UP**

**ECHO, INCORPORATED
400 OAKWOOD ROAD
LAKE ZURICH, IL 60047**

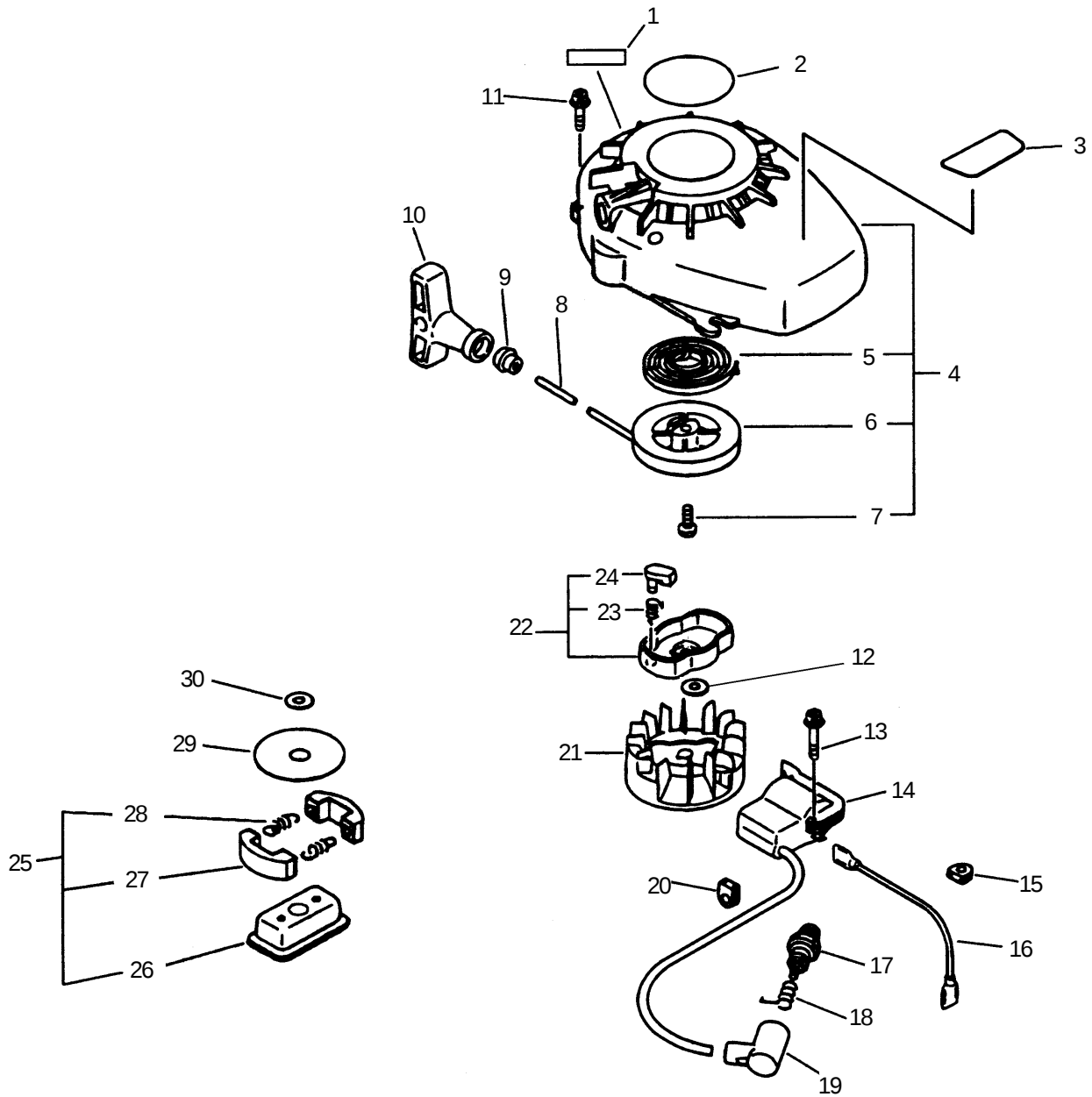
**99922203002
04/00**



KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	-----	1	CRANKSHAFT ASY	USE SB1031
2	10000006962	1	PISTON KIT	INCLUDES ITEMS 3 - 7
3	10001105330	2	RING, PISTON	
4	10001504630	2	CIRCLIP, PISTON	
5	10001408960	2	SPACER, PISTON PIN	
6	10011305930	1	BEARING, NEEDLE	
7	10001311520	1	PIN, PISTON	
8	90016205022	2	BOLT 5X22	
9	90016204020	2	BOLT 4X20	
10	10150606560	1	COVER, CYLINDER	
11	10101106562	1	CYLINDER	
12	10101044332	1	GASKET, CYLINDER BASE	USE KIT 88900006760
13	-----	1	CRANKCASE SET	USE SB1031 INCLUDES ITEMS 14 - 18
14	10021242030	2	SEAL, OIL	
15	10021503930	2	PIN, DOWEL	
16	-----	1	GASKET, CRANKCASE	USE KIT 88900006760
17	90081036201	2	BEARING, BALL	
18	90016205028	3	BOLT 5X28	

REPOWER ENGINE

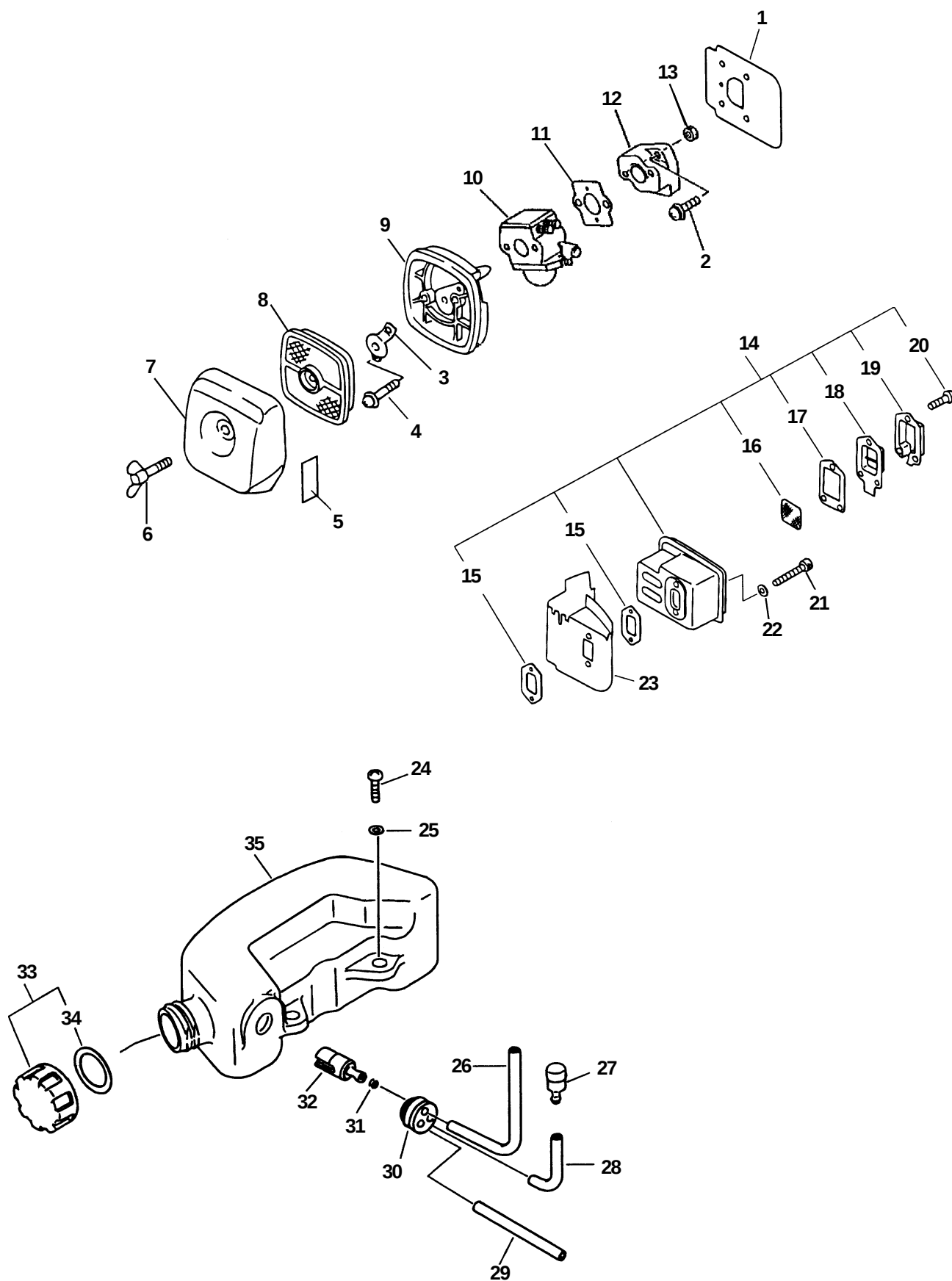
SB1031	1	SHORT BLOCK	INCLUDES FACTORY ASSEMBLED CYLINDER, CRANKCASE, PISTON, CRANKSHAFT, BEARINGS, SEALS & GASKETS.
88900006760	1	GASKET SET	INCLUDES THE FOLLOWING:
10101044332	1	GASKET, CYLINDER BASE	
-----	1	GASKET, CRANKCASE	
13001042032	1	GASKET, INTAKE	
13001642031	1	GASKET, INTAKE	
14551042031	2	GASKET, MUFFLER	
14586642031	1	GASKET, MUFFLER LID	
61041406560	1	GASKET, GEAR HOUSING	



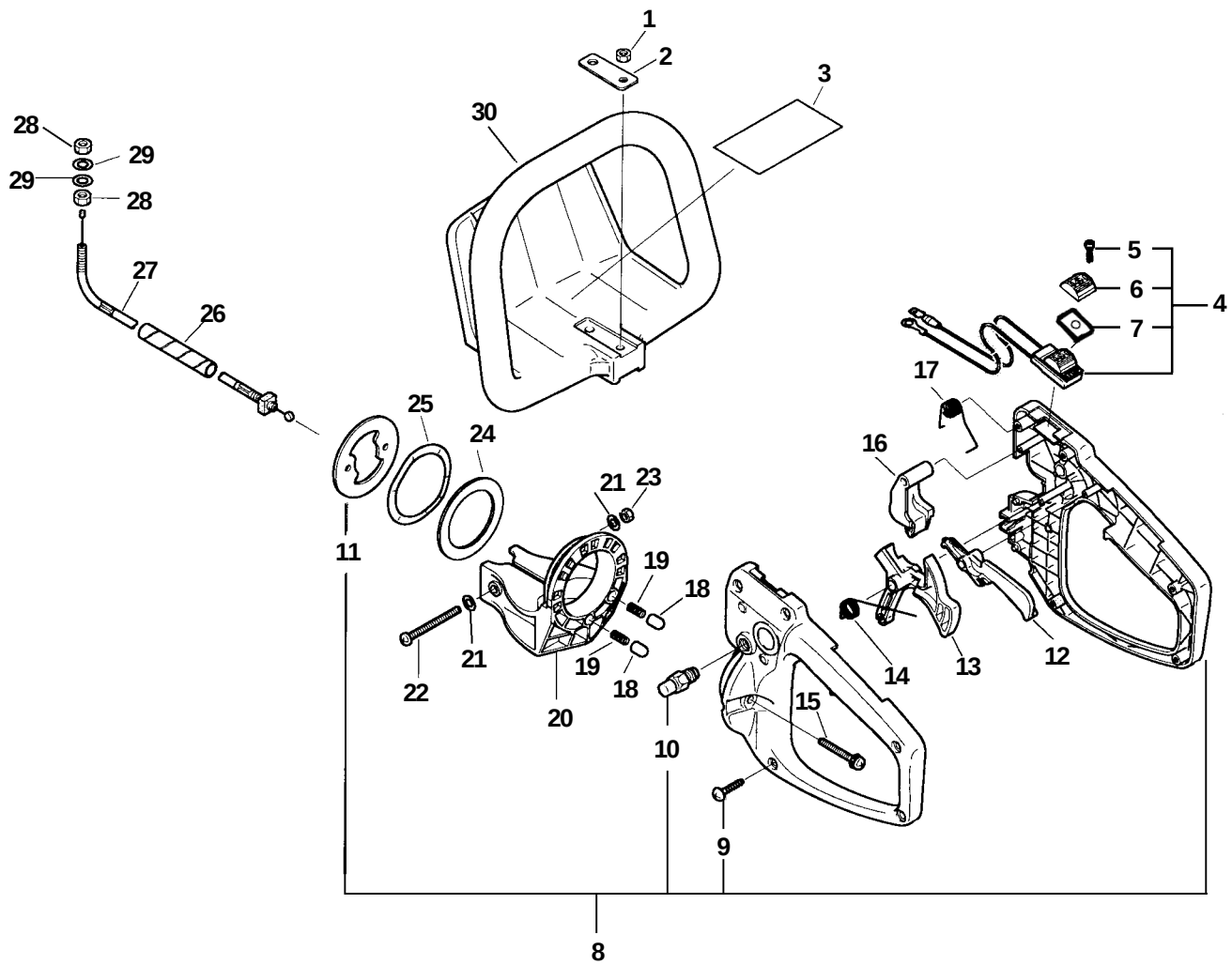
STARTER, IGNITION, CLUTCH

HCR-1500 TYPE 1E

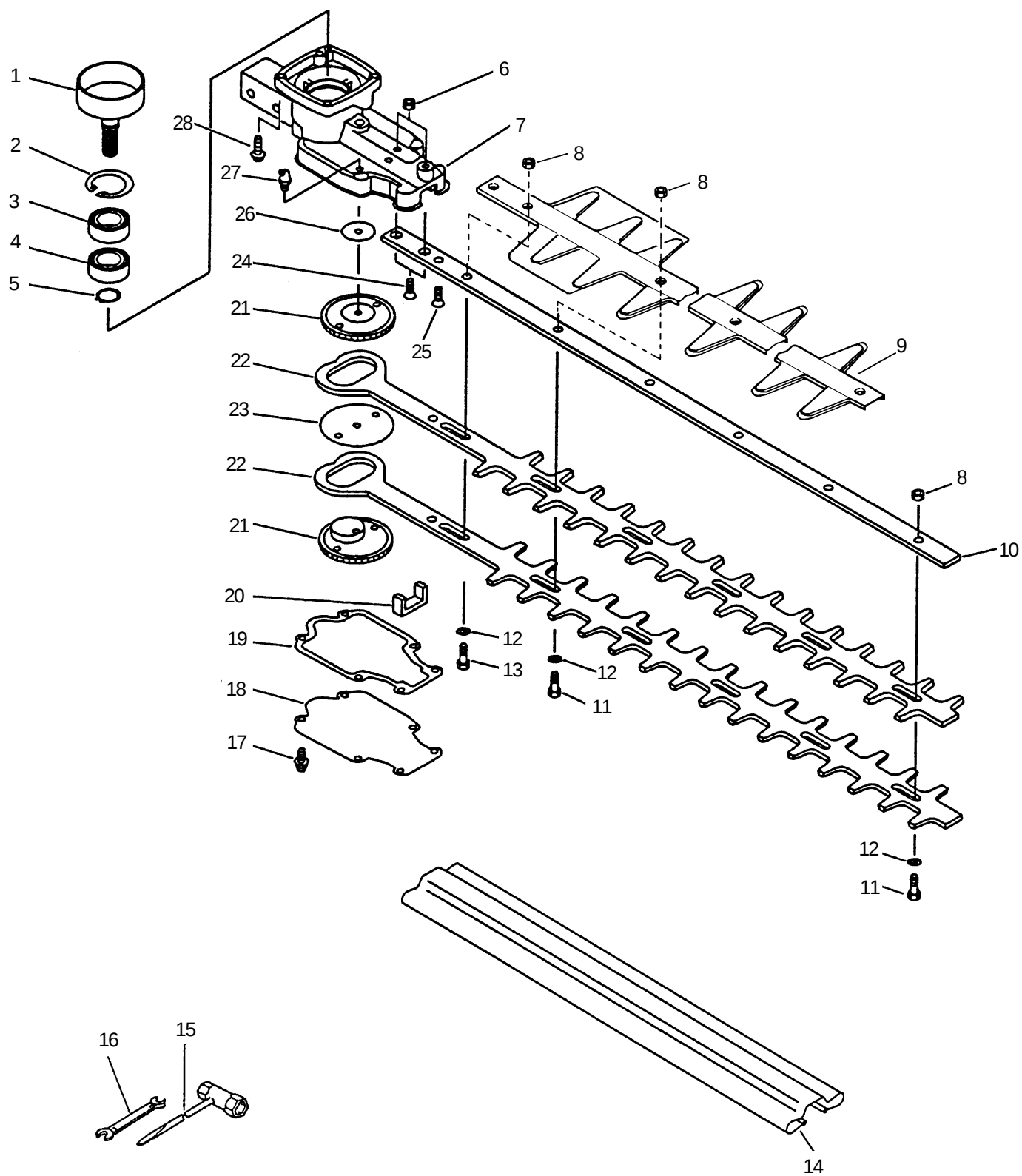
KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	89012313360	1	LABEL, CAUTION	
2	89011225460	1	LABEL, MODEL	
3	89016007761	1	LABEL, CAUTION	
4	17720012220	1	STARTER ASY	INCLUDES ITEMS 5 - 10
5	17722042030	1	SPRING, REWIND	
6	17721544430	1	DRUM, STARTER	
7	17723644330	1	SCREW	
8	-----	1	ROPE, STARTER	USE BULK ROPE 99944400040 3.0 X 890MM (.12 X 35.0)
9	17722742030	1	GUIDE, ROPE	
10	17722811120	1	GRIP, STARTER	
11	90016304016	4	BOLT 4X16	
12	90060500008	1	WASHER, SPRING 8	
13	90016204022	2	BOLT 4X22	
14	15660152130	1	COIL, IGNITION	
15	15611404920	1	GROMMET	
16	16201052830	1	LEAD	
17	99944500071	1	SPARK PLUG BPM-7Y	
17	15901010230	1	SPARK PLUG BPMR-7A	CANADIAN MODELS ONLY
18	15901103432	1	COIL, SPARK PLUG CAP	
19	15901201620	1	CAP, SPARK PLUG	
20	15611004920	1	BUSHING	
21	15680105360	1	FLYWHEEL	
22	17720244330	1	PAWL ASY, STARTER	INCLUDES ITEMS 23 & 24
23	17723442030	1	SPRING, RETURN	
24	17721844330	1	PAWL, STARTER	
25	17500006560	1	CLUTCH ASY S/N 001001 - 505920	INCLUDES ITEMS 26 - 28
25	A056000020	1	CLUTCH ASY S/N 505921 & UP	INCLUDES ITEMS 26 - 28
26	17501604920	1	HUB, CLUTCH S/N 001001 - 505920	
26	A552000010	1	HUB, CLUTCH S/N 505921 & UP	
27	17500905131	2	SHOE, CLUTCH S/N 001001 - 505920	
27	A555000010	2	SHOE, CLUTCH S/N 505921 & UP	
28	17501805960	2	SPRING, CLUTCH S/N 001001 - 505920	
28	V451000010	2	SPRING, CLUTCH S/N 505921 & UP	
29	17501904920	1	PLATE, CLUTCH S/N 001001 - 505920	
29	17501904920	2	PLATE, CLUTCH S/N 505921 & UP	
30	17501405360	1	WASHER, CLUTCH	



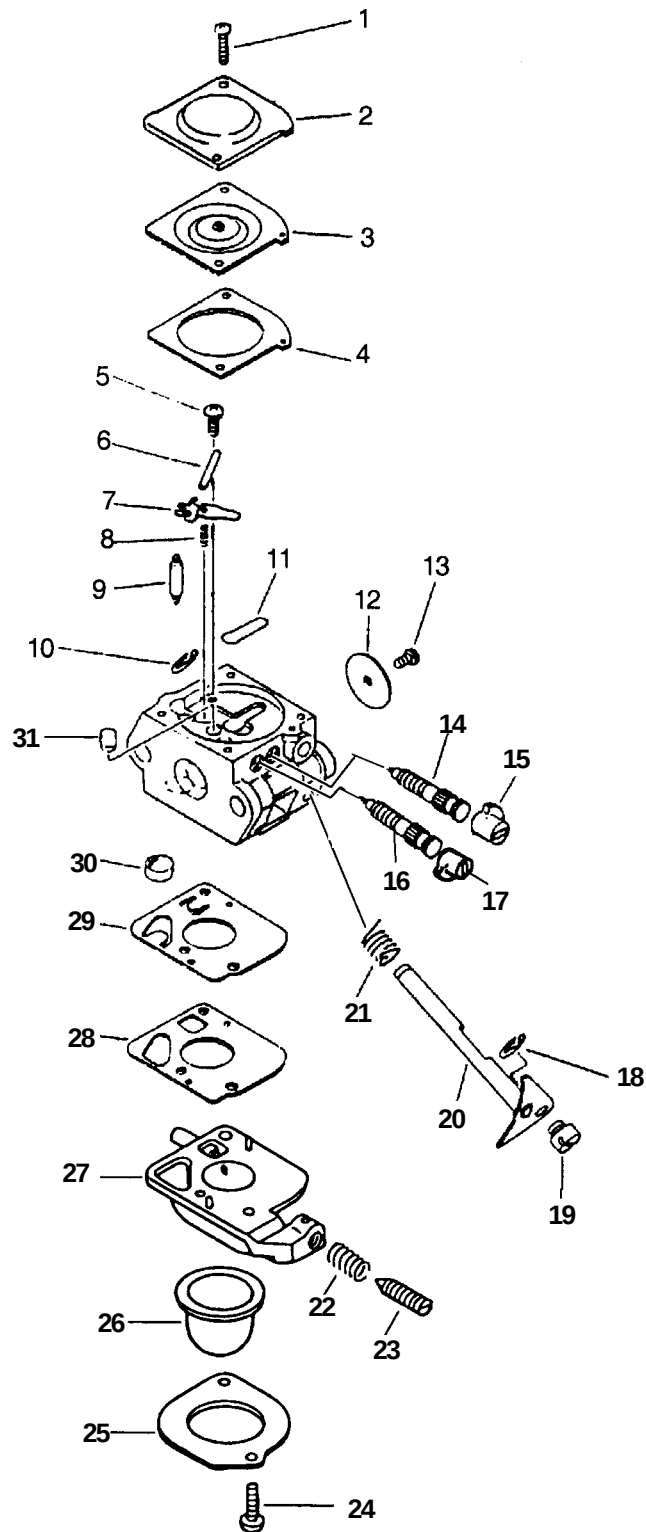
KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	13001042032	1	GASKET, INTAKE	USE KIT 88900006760
2	90023805020	2	SCREW	
3	12901152730	1	PLATE, PREVENT	
4	90024205065	2	SCREW 5X65	
5	89012106360	1	LABEL, CHOKE	
5	89012105360	1	LABEL, CHOKE	CANADIAN MODELS ONLY
6	21041752730	1	BOLT, WING	
7	13031306563	1	LID, AIR CLEANER	INCLUDED IN KIT 90008
8	13031054130	1	FILTER, AIR H.D.	
9	13030706561	1	CASE, AIR CLEANER	
10	12520005962	1	CARBURETOR ASY C1U-K51	
11	13001642031	1	GASKET, INTAKE	USE KIT 88900006760
12	13001742031	1	INSULATOR	
13	90050000005	2	NUT 5	INCLUDES ITEMS 15 - 20 USE KIT 88900006760
14	14580005361	1	MUFFLER ASY	
15	14551042031	2	GASKET, MUFFLER	USE KIT 88900006760
16	14586240630	1	SCREEN, MUFFLER	
17	14586642031	1	GASKET, MUFFLER LID	
18	14587642030	1	LID, MUFFLER	
19	14586306560	1	GUIDE, EXHAUST	INCLUDED IN KIT 90010
20	90024204010	3	SCREW 5X50	
21	90010505050	2	BOLT 5X50	
22	90060000005	2	WASER 5	
23	14587105360	1	COVER, MUFFLER	
24	90023805016	2	SCREW 5X16	
25	90060300005	2	WASHER 5	
26	13201007530	1	PIPE, FUEL	
27	13130056430	1	VALVE, CHECK	
28	13131239130	1	PIPE 3X5X70	
29	13201006460	1	PIPE 3X6X110	
30	13211546730	1	GROMMET, FUEL	
31	13201309820	1	CLIP	INCLUDED IN KIT 90008 INCLUDES ITEM 34 INCLD IN KIT 90010
32	13120507320	1	STRAINER, FUEL	
33	13100455830	1	CAP ASY, FUEL TANK	
34	13101655830	1	GASKET, FUEL TANK CAP	
35	13100505360	1	TANK, FUEL	



KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	90056000005	1	NUT, LOCK	
2	35161105360	1	WASHER	
3	89017740630	1	LABEL, CAUTION	
3	89031705160	1	LABEL, CAUTION	CANADIAN MODELS
4	16340013360	1	SWITCH, ON/OFF	INCLUDES ITEMS 5 - 7
5	90022003010	1	SCREW	
6	16341049231	1	KNOB, SWITCH	
7	89015712330	1	LABEL, SWITCH	
8	35110113360	1	HANDLE SET, REAR	INCLUDES ITEMS 9 - 11
9	90025604016	5	SCREW 4X16	
10	17830213360	1	LATCH ASY	
11	35131313361	1	BRACKET, HANDLE	
12	17801213360	1	LOCKOUT, THROTTLE	
13	17801013361	1	TRIGGER, THROTTLE	
14	17801313660	1	SPRING, TORSION	
15	90023805030	2	SCREW 5X30	
16	35164813360	1	STOPPER, HANDLE	
17	17804313660	1	SPRING, TORSION	
18	60561113360	2	PIN	
19	17804313360	2	SPRING	
20	35131213361	1	BRACKET, HANDLE	
21	90060300005	4	WASHER 5	
22	90022005047	2	SCREW 5X47	
23	90056000005	2	NUT, LOCK	
24	68902513361	1	WASHER, CIRCULAR 50	
25	17812913361	1	WASHER	
26	17812713361	1	TUBE	
27	17800113360	1	CABLE, THROTTLE	
28	90050200006	2	NUT 6	
29	90060000006	2	WASHER 6	
30	35161005360	1	HANDLE, FRONT	



KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	17500506560	1	DRUM, CLUTCH	
2	90070200035	1	CIRCLIP 35	
3	90087236202	1	BEARING, BALL	
4	90087036202	1	BEARING, BALL	
5	90070100014	1	CIRCLIP 14	
6	90050000006	2	NUT 6	
7	61041006561	1	CASE, GEAR	
8	43302206460	6	NUT	
9	69912503060	1	STIFFENER	
10	69911706560	1	SUPPORT, CUTTER	
11	69911504660	5	BOLT 6	
12	69911804560	6	WASHER	
13	69911506560	1	BOLT, CUTTER	
14	89852306960	1	COVER, BLADE	
15	89541006960	1	WRENCH W/S-DRIVER	
16	89511200330	1	SPANNER 8X10	
17	90016204012	6	BOLT 4X12	
18	61041106560	1	LID, GEARCASE	
19	61041406560	1	GASKET, GEAR HOUSING	
20	61042606560	1	SEAL	
21	61031206560	2	GEAR, SPUR	
22	69701006560	2	CUTTER	
23	68902505360	1	WASHER 6.7X54X.38	
24	90021206030	2	SCREW	
25	90021205030	1	SCREW 5X30	
26	68902506560	1	WASHER 6.5X30X.2	
27	88011054230	1	NIPPLE, GREASE	
28	90016304016	2	BOLT 4X16	



CARBURETOR

HCR-1500 TYPE 1E

KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
	12520005962	1	CARBURETOR C1U-K51	INCLUDES THE FOLLOWING ITEMS
1	12534452130	2	SCREW	
2	12534213210	1	COVER, METERING CHAMBER	
3	A B	1	DIAPHRAGM, METERING	
4	A B	1	GASKET, DIAPHRAGM METERING	
5	12533942030	1	SCREW, METERING PIN	
6	A	1	PIN, METERING LEVER	
7	A	1	LEVER, METERING	
8	A	1	SPRING, METERING LEVER	
9	A	1	VALVE, NEEDLE	
10	12532715130	1	CLIP, THROTTLE SHAFT	
11	A	1	PLUG, WELCH	
12	12531649030	1	VALVE, THROTTLE	
13	12531413930	1	SCREW, THROTTLE VALVE	
14	12531813120	1	NEEDLE, IDLE	
15	12532909860	1	CAP, LIMITER L.S.	
16	12532013310	1	NEEDLE, HIGH SPEED	
17	12532939030	1	CAP, LIMITER H.S.	
18	12532713930	1	CLIP, SWIVEL	
19	12537242030	1	SWIVEL	
20	12531713310	1	SHAFT, THROTTLE	
21	12531342030	1	SPRING, THROTTLE RETURN	
22	12533306960	1	SPRING, IDLE ADJUSTER	
23	12533406960	1	SCREW, IDLE ADJUST	
24	12531011610	2	SCREW	
25	12536311610	1	RING	
26	12538108660	1	PUMP, PURGE	
27	12538313310	1	BASE, PURGE	
28	A B	1	GASKET, FUEL PUMP	
29	A B	1	DIAPHRAGM, FUEL PUMP	
30	A	1	STRAINER	
31	12537613120	1	NOZZLE, CHECK VALVE	
A	12530313310	1	REPAIR KIT	
B	12530013310	1	GASKET/DIAPHRAGM KIT	