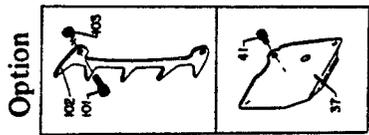
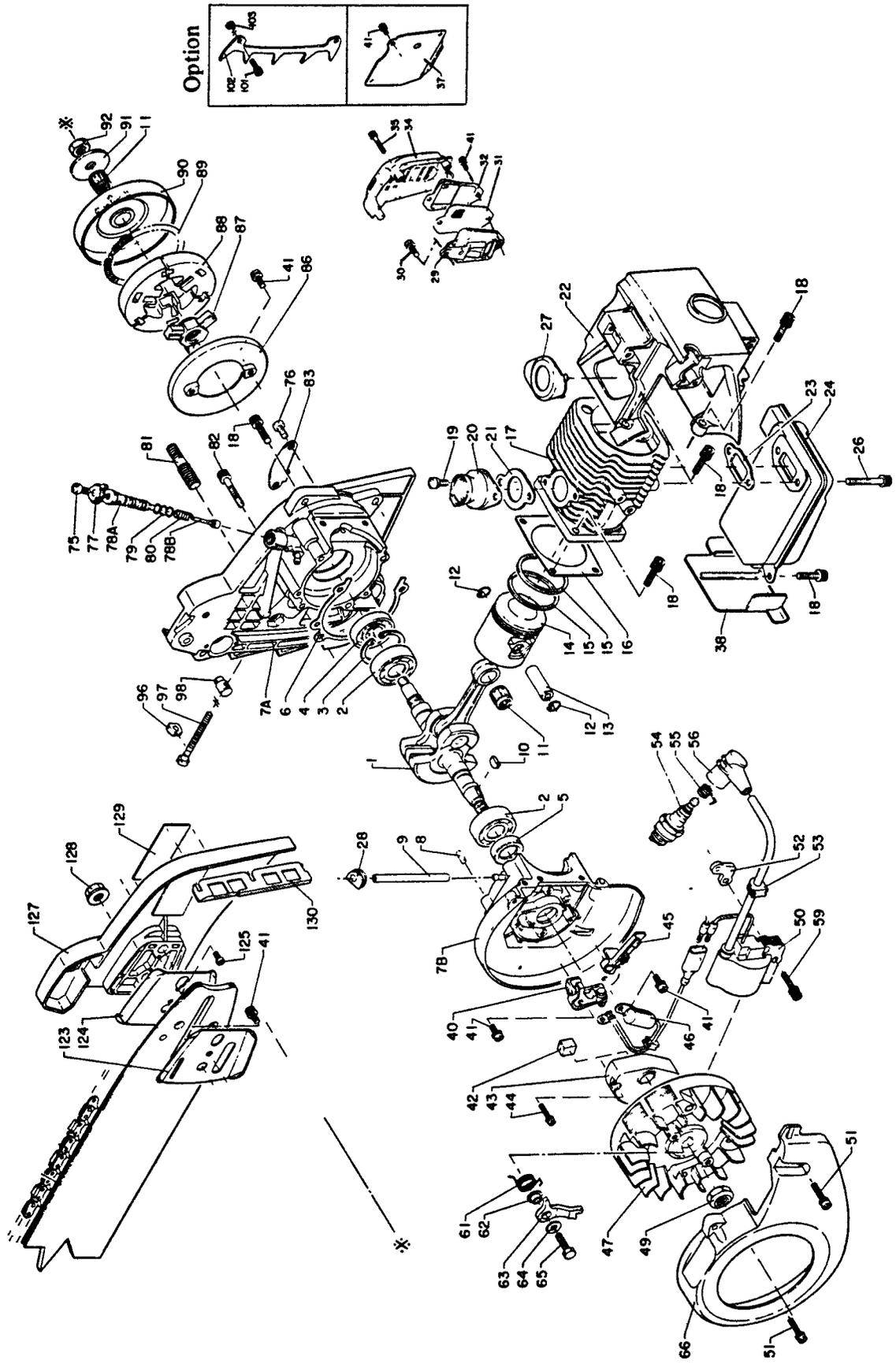




**CHAIN SAW
PARTS CATALOG
MODEL CS-500VL
CS-500VLP
SERIAL NUMBER 49001 & UP**

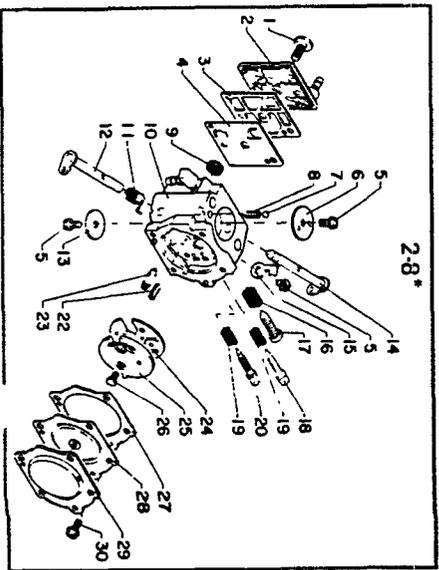
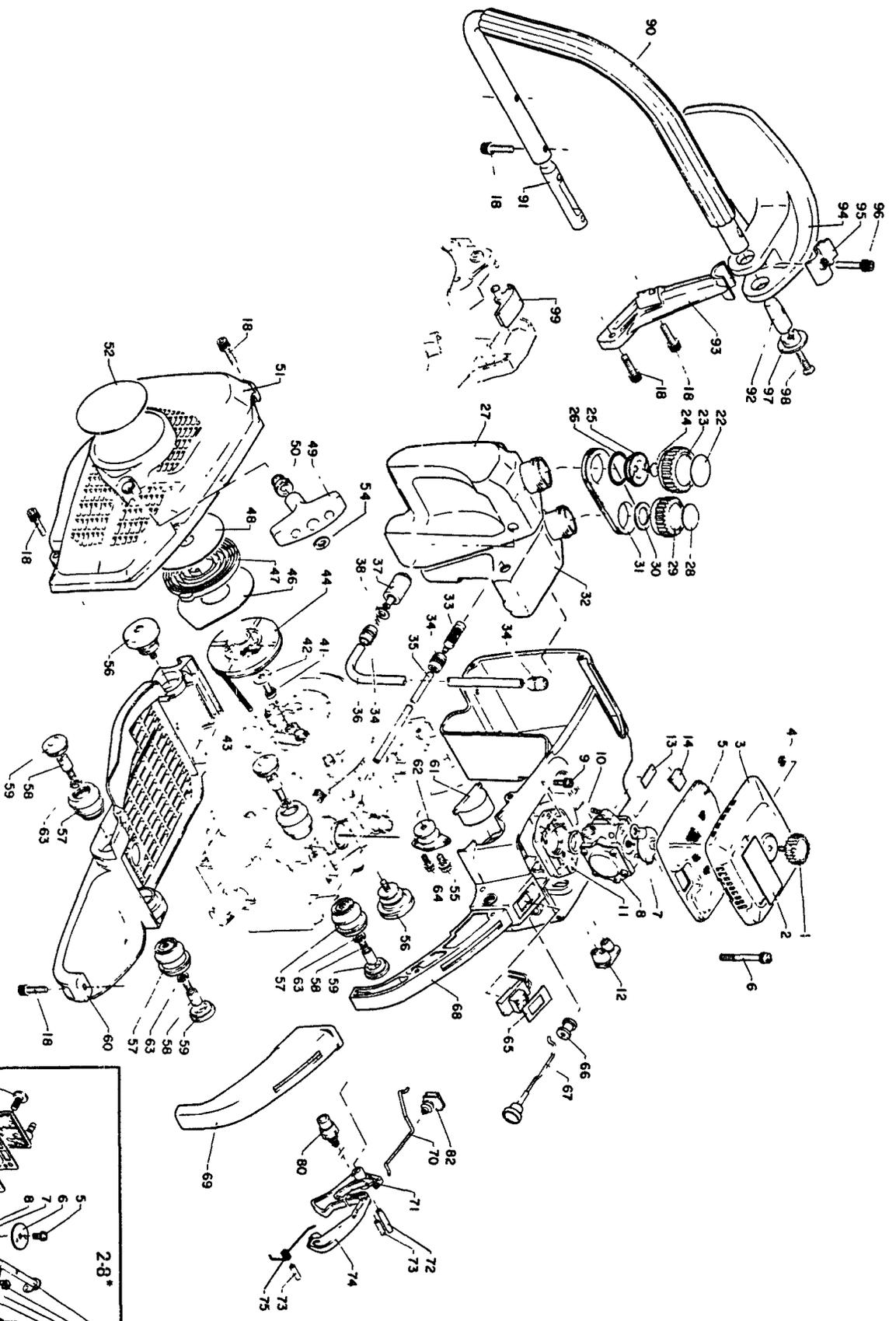
**ECHO, INCORPORATED
400 OAKWOOD ROAD
LAKE ZURICH, IL 60047**

PARTS CATALOGUE



CS-500VL

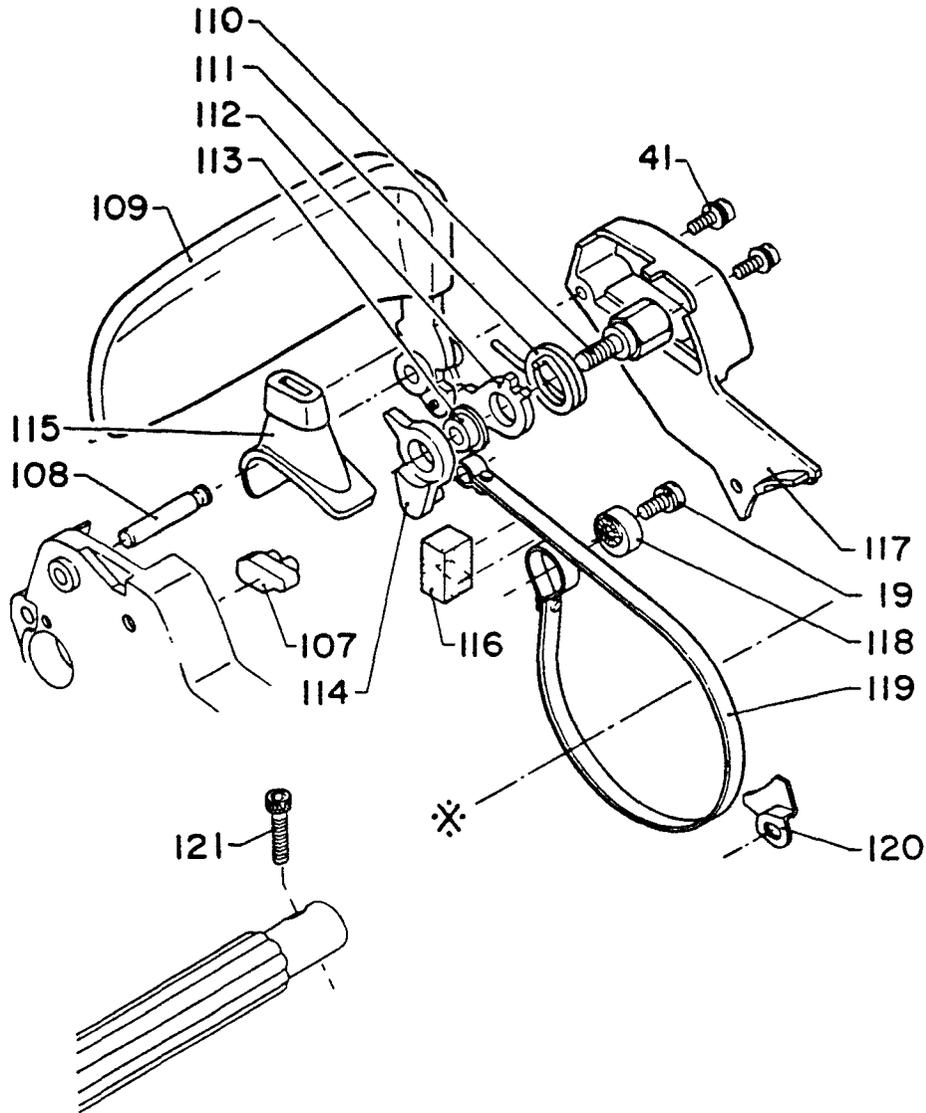
Key No.	Part No.	Q'ty	Description	Key No.	Part No.	Q'ty	Description
1- 1	100 100-1233 2	1	Crankshaft ass'y	1-61	177 234-1233 0	2	Ratchet spring
2	900 810-0620 2	2	Ball bearing 6202	62	177 247-1233 0	2	Spacer, ratchet
3	900 702-0003 5	1	Circlip 35	63	177 218-1233 0	2	Ratchet
4	100 213-0283 0	1	Oil seal	64	900 602-0000 5	2	Washer 5
5	100 213-0031 0	1	Oil seal	65	900 100-0502 0	2	Bolt 5x20
6	100 242-1233 1	1	Gasket, crankcase	66	101 535-1233 0	1	Fan cover, inner
7*	100 200-1233 2	1	Crankcase set	75	437 016-1113 1	1	Screw
8	-100 215-0393 0	2	Knock pin	76	900 220 0501 0	2	Screw 5x10
9	130 110-1233 0	1	Pipe, impulse	77	437 059-1113 3	1	Lock washer
10	100 142-1233 0	1	Woodruff key	78*	437 002-0343 1	1	Plunger & cylinder set
11	100 012-1233 0	2	Needle bearing	79	437 020-0283 0	3	O-ring
12	100 015-0012 0	2	Circlip, piston pin	80	437 019-0283 0	1	Spring, pump plunger
13	100 013-0041 0	1	Piston pin	81	433 011-1233 0	2	Stud
14	100 010-1233 1	1	Piston	82	900 162-0503 0	4	H S H bolt 5x30 w/W, SW
15	100 011 1233 0	2	Piston ring	83	433 026 1233 0	1	Chain catcher
16	101 010 1233 0	1	Gasket, cylinder base	86	175 310 1233 0	1	Plate
17	101 011-1233 0	1	Cylinder	*	175 000-1233 0	1	Clutch ass'y
18	900 162-0502 0	9	H S H bolt 5x20 w/W, SW	87	-175 016-0343 0	1	Clutch boss
19	900 241-0501 0	2	Screw 5x10 w/SW	88	-175 017-0283 0	3	Clutch shoe
20	130 508-1233 1	1	Adapter, intake	89	-175 018-0283 0	1	Clutch spring
21	130 010 1233 0	1	Gasket	90	175 005-1103 0	1	Clutch drum
22	101 514 1233 2	1	Cylinder cover	91	175 015-0343 0	1	Washer
23	145 510 1233 0	1	Gasket, muffler	92	100 129-0343 0	1	Nut, L-H
24	145 610-1233 0	1	Muffler	96	433 028 1103 0	1	Clip
26	900 162-0503 5	2	H S H bolt 5x35 w/W, SW	97	433 016-1103 0	1	Screw, adjustment
27	130 034 1233 1	1	Seal	98	433 014 0283 0	1	Tensioner
28	130 114-1233 0	1	Grommet	123	433 013-1233 1	1	Side plate
29	145 806-1233 1	1	Adapter	124	433 012-1233 1	1	Side plate
30	900 162-0501 4	2	H S H bolt 5x14w/W,SW	125	900 220 0300 6	2	Screw 3x6
31	145 862 1233 2	1	Screen	127	433 010 1233 1	1	Cover, guide bar
32	145 863 1233 1	1	Screen holder				
34	145 871-1233 1	1	Muffler cover	128	433 019 1233 0	2	Flange nut
35	900 162-0402 5	3	H S H bolt 4x25 w/W,SW	129	890 021-0393 1	1	Decal
38	100 270-1233 0	1	Insulator	130	433 025-1233 0	1	Protector
40	156 101-1233 0	1	Breaker point set				
42	900 242-0401 0	5	Screw 4x10 w/W,SW				
42	156 134-0463 0	1	Oil pad	Options:			
43	156 128-1233 1	1	Breaker cover	37	101 579-1233 0	1	Plate, cylinder cover
44	900 242-0301 8	2	Screw 3x18 w/W, SW	41	900 242-0401 0	3	Screw 4x10 w/W, SW
45	159 112-1233 0	1	Clamp	101	900 105-0501 2	2	H S H bolt 5x12
46	156 104-1233 0	1	Condenser	102	880 210 1233 0	1	Spike bumper
47	156 205-1233 2	1	Flywheel	103	900 580-0000 5	2	Nut 5
49	100 144-1233 1	1	Nut				
50	156 108-1233 1	1	Ignition coil				
51	900 242-0402 0	3	Screw 4x20 w/W, SW				
52	150 117-0393 0	1	Spacer				
53	150 110-0393 0	1	Grommet	Remarks: 7* Consists of 7A, 7B and 8. 78* Consists of 78A and 78B. * Consists of 87 thru 89.			
54	159 010-1233 0	1	Spark plug (BPM6A)				
55	159 011-0343 2	1	Coil spring, plug cap				
56	159 012-0343 3	1	Cap, spark plug				
59	900 162-0402 2	2	H S.H bolt 4x22 w/W, SW				



CS-500VL

Key No.	Part No.	Q'ty	Description	Key No.	Part No.	Q'ty	Description
2-1	130 406-0393 0	1	Thumb bolt	2-66	178 810-1123 1	1	Grommet
2	890 151-1233 0	1	Decal	67	178 510-1233 0	1	Choke rod
3	130 313-1233 2	1	Cover, air cleaner	68	351 110-1233 1	1	Rear handle
4	900 700-0000 3	1	E-ring 3	69	351 111-1233 0	1	Grip, rear handle
5	130 310-1253 1	1	Air filter	70	178 011-1233 1	1	Throttle rod
6	900 242-0504 5	2	Screw 5x45 w/W, SW	71	178 010-1233 1	1	Throttle trigger
7	130 420-1233 2	1	Bracket, air cleaner	72	900 340-5002 5	1	Spring pin 5x25
8	123 000-1233 2	1	Carburetor ass'y	73	900 340-4001 3	2	Spring pin 4x13
9	900 242-0401 2	2	Screw 4x12 w/W, SW	74	178 090-1233 0	1	Throttle control lockout
10	130 511-1233 0	1	Holder, intake adapter	75	178 091-1053 1	1	Spring, safety lock
11	130 013-1233 1	1	Adapter, carburetor	80	178 302-1233 0	1	Throttle latch
12	129 010-1233 0	1	Grommet	82	178 210-1233 0	1	Grommet
13	890 155-1233 0	1	Decal, oiler	90	351 509-1233 0	1	Front handle
14	351 137-1233 0	1	Stopper, cushion	91	351 612-1233 0	1	Insert, front handle (L)
				92	351 617-1053 1	1	Insert, front handle (U)
18	900 162-0502 0	8	H.S.H bolt 5x20 w/W, SW	93	351 614-1233 0	1	Supporter
**	131 600-1233 0	1	Cap ass'y fuel tank	94	351 826-1013 0	1	Hand guard, front
22	-890 154-0393 0	1	Decal, fuel mix	95	351 840-1233 0	1	Stopper
23	-131 017-1233 0	1	Cap, fuel tank	96	900 162-0503 0	1	H S H bolt 5x30 w/W, SW
				97	351 833-1013 0	1	Retainer
24	-131 314-0033 0	1	Check valve	98	900 214-0502 0	1	Screw 5x20
25	-131 015-1233 0	1	Holder, check valve	99	100 612-1233 1	1	Cover
26	-900 720-0002 2	1	O-ring				
27	131 010-1233 1	1	Fuel tank				
***	436 002-1233 0	1	Cap ass'y, oil tank				
28	-890 153-0393 0	1	Decal, oil	2-8*	123 000-1233 2	1	Carburetor ass'y
29	-436 000-1233 0	1	Cap, oil tank	1	-123 110-0393 0	1	Screw, pump cover
30	-436 012-1233 0	1	Gasket, oil tank cap	2	-123 124-1233 0	1	Cover, fuel pump
31	131 038-1233 1	1	Connector	3	-123 125-1233 0	1	Gasket, fuel pump
32	436 010 1233 2	1	Chain oil tank	4	-123 112-1233 0	1	Diaphragm, fuel pump
33	436 205-1233 0	1	Oil strainer	5	-123 114-0393 0	3	Screw throttle valve
34	132 115-1233 0	3	Grommet	6	-123 132-1233 0	1	Valve, choke
35	437 210-1233 2	1	Oil pipe	7	-123 136-1063 0	1	Ball, choke friction
36	132 010-1233 1	1	Fuel pipe	8	-123 135-1063 0	1	Spring, choke friction
37	131 205-0523 0	1	Fuel strainer	9	-123 126-1063 1	1	Screen, inlet
38	900 600-0000 6	1	Washer 6	11	-123 113-1233 0	1	Spring, throttle return
****	177 200-1233 1	1	Recoil starter ass'y	12	-123 117-1233 0	1	Shaft ass'y, throttle
41	-900 241-0501 0	1	Screw 5x10 w/SW	13	-123 116-0393 0	1	Valve, throttle
42	900 603-0000 5	1	Washer	14	-123 131-1233 0	1	Shaft ass'y, choke
43	-177 226-0283 0	1	Starter rope	15	-123 156-1233 0	1	Throttle stop
44	-177 206-1233 1	1	Recoil drum	16	-123 133-1113 0	1	Spring, idle screw
46	-177 242-1233 0	1	Side plate	17	-123 134-0653 0	1	Screw, idle adjustment
47	-177 220-0283 4	1	Rewind spring	18	-123 120 1233 0	1	Needle, high speed
48	-177 221-0283 0	1	Side plate	19	-123 121-0393 0	2	Spring, needle
				20	-123 118 1233 0	1	Needle, idle
49	-177 228-1233 0	1	Starter handle	22	-123 122-0393 0	1	Spring, metering lever
50	-177 227-0023 0	1	Rope guide	23	-123 137-0393 0	1	Valve, inlet needle
51	-101 507-1233 1	1	Fan cover	24	-123 164-1233 0	1	Gasket, circuit plate
54	-177 229-1433 0	1	Washer	25	-123 166-1233 2	1	Plate, circuit
52	890 112-1233 0	1	Decal	26	-123 167-1233 0	2	Screw, circuit plate
55	900 242-0501 0	1	Screw 5x10 w/W, SW				
56	100 905-1233 0	2	Cushion	27	-123 140-1063 0	1	Gasket, metering diaphragm
57	100 910-1253 0	4	Cushion	28	-123 141-1233 0	1	Diaphragm, metering
58	100 915-1253 0	4	Screw	29	-123 142-1233 0	1	Cover, metering diaphragm
59	100 918-1433 0	4	Plug	30	-123 144-0393 0	4	Screw
60	351 123-1233 0	1	Supporter	(10)	-Not Available	1	Body ass'y, carburetor
61	351 138-1433 1	1	Cover, cushion	Remarks: ** Consists of 22 thru 26. *** Consists of 28 thru 30. **** Consists of 41 thru 51 and 54. except 45 2-8* Consists of 1 thru 30. Except 21.			
62	100 921-1233 1	1	Cushion				
63	900 605-0000 5	4	Spring washer 5				
64	900 242-0401 0	2	Screw 4x10 w/W, SW				
65	163 400-1233 0	1	Switch				

CS-500VLP (Chain brake type)



Key No.	Part No.	Q'ty	Description	Key No.	Part No.	Q'ty	Description
**	433 100-1233 1	1	Chain brake ass'y	113	-433 115-1233 0	1	Spacer
19	-900 241-0501 0	1	Screw 5x10	114	-433 117-1233 0	1	Connector
41	-900 242-0401 0	3	Screw 4x10	115	-433 312-1233 0	1	Brake band cover
		1		116	-433 313-1233 0	1	Dust seal
107	-433 149-1253 0	1	Reset tubber	117	-433 310-1233 0	1	Cover
108	-433 113-1233 0	1	Pivot bolt	118	-433 142-1233 0	1	Band adjuster
109	-433 105-1233 1	1	Brake handle	119	-433 123-1233 0	1	Brake band
110	-433 134-1233 0	1	Bolt	120	-433 144-1233 0	1	Band retainer
111	-433 114-1233 0	1	Spring	121	-900 162-0502 5	1	H.S.H. bolt 5x25
112	-433 119-1233 0	1	Stopper				