

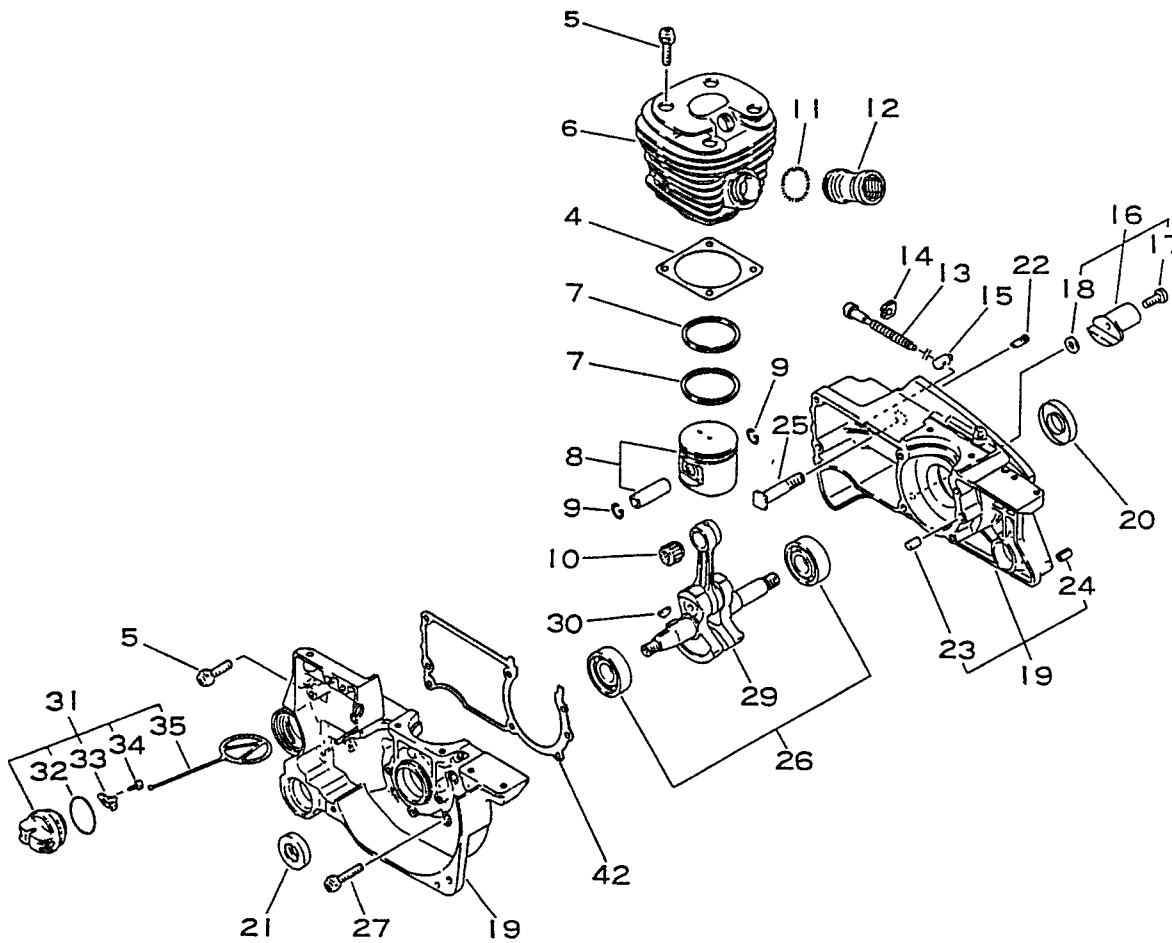


**CHAIN SAW
PARTS CATALOG
MODEL CS-4600**

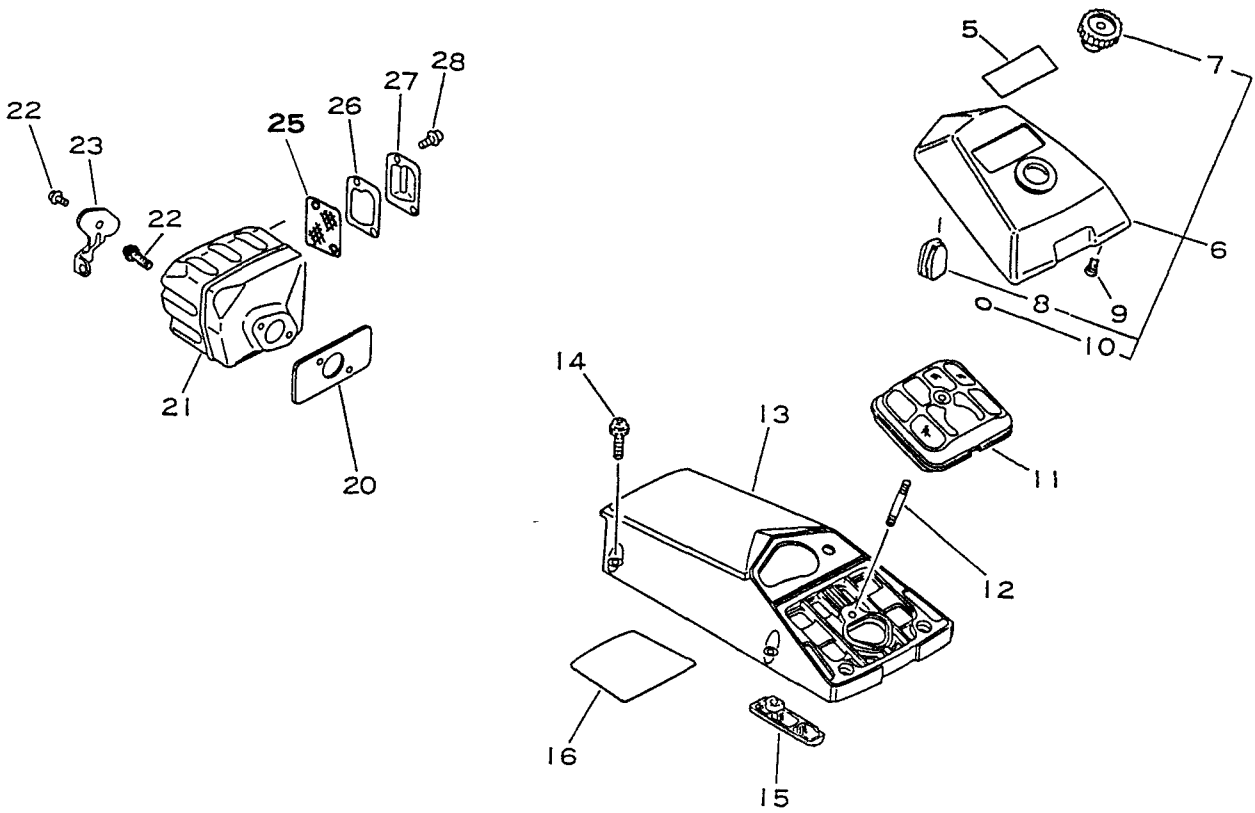
SERIAL NUMBER 027192 - 033420

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

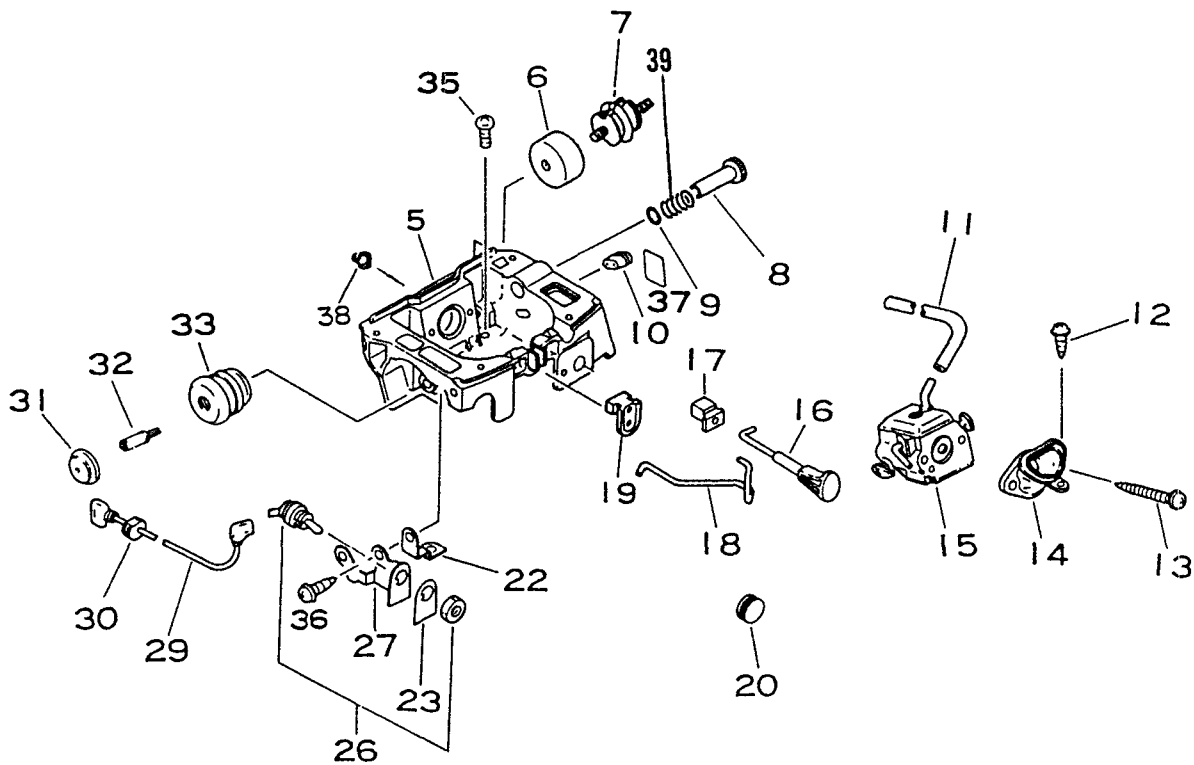
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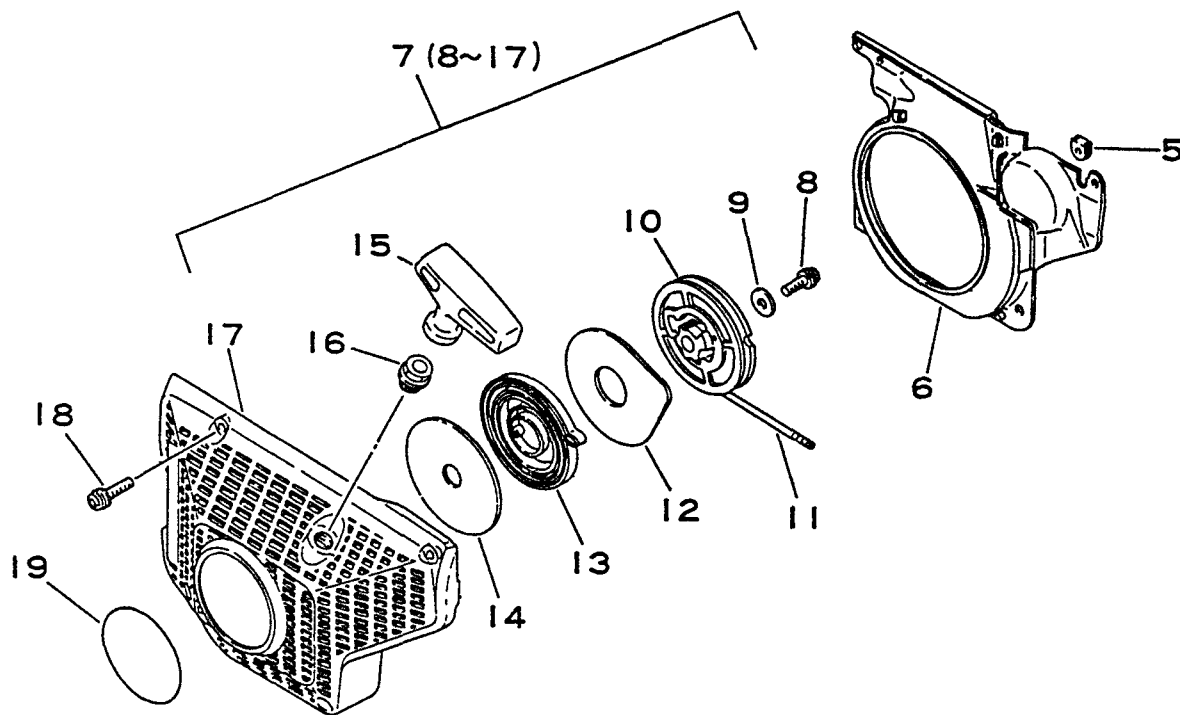
Key No.	Part Number	Q'ty	Description	Key No.	Part Number	Q'ty	Description
1-	4	1	Gasket, cyl. base	1-	21	1	Oilseal
	5	1	Screw 5 x 20	22	-436 114-1393 0	1	Valve, check
	6	1	Cylinder	23	-100 215-0283 0	2	Pin, dowel
	7	2	Ring, piston	24	-900 345-5001 0	1	Pin, spring 5 x 10
	8	1	Piston w/pin	25	-433 011-1983 0	2	Stud, guide bar
	9	2	Circlip, piston pin	26	-100 121-1983 0	1	Bearing, ball
	11	1	Band	42	-100 242-1983 1	1	Gasket crankcase
	12	1	Adapter, intake	27	900 162-0503 0	4	Screw 5 x 30
	13	1	Screw, tensioner	29	100 100-1983 0	1	Crankshaft. assembly
	14	1	Clip	10	-100 012-1983 0	1	Bearing, needle
	15	1	Tensioner	30	100 142-3083 0	1	Key, woodruff
	16	1	Catcher kit, chain	31	436 001-1983 2	1	Cap assembly, oil tank
	17	1	Screw 5 x 20	32	-900 725-0202 5	1	O-ring
	18	1	Washer 5	33	-131 050-1983 0	1	Holder
	19	1	Crankcase set	34	-900 246-0300 8	1	Screw 3 x 8
	20	1	Oilseal	35	-131 051-1983 0	1	Link



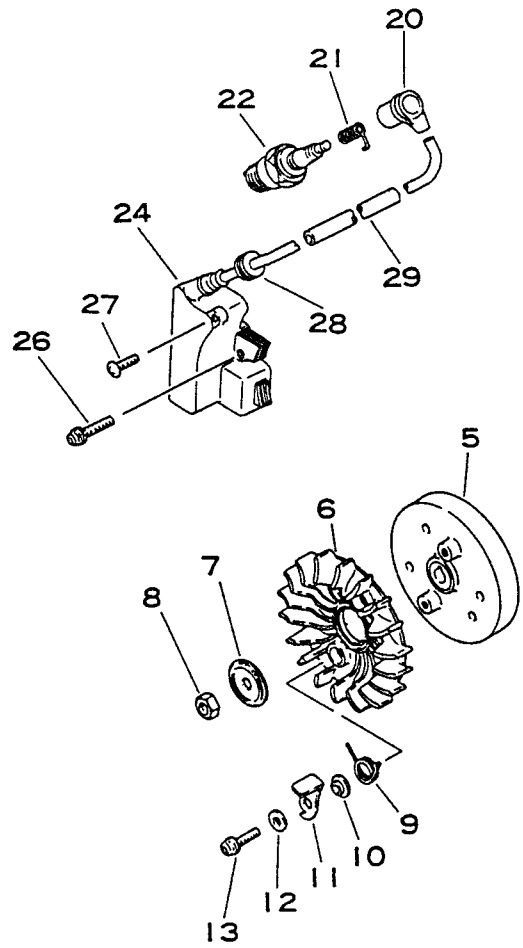
Key No.	Part Number	Q'ty	Description	Key No.	Part Number	Q'ty	Description		
2-	5	890 161-3393 0	1	Label, model	2-	23	145 711-3333 0	1	Bracket, muffler
	6	130 302-3333 0	1	Cover, air cleaner		26	145 866-3333 1	1	Gasket, muffler lid
	7	-130 406-3333 0	1	Nut		25	145 862-3393 0	1	Screen, muffler
	8	-130 338-3243 0	1	Plug, cover		27	145 873-3393 0	1	Lid, muffler
	9	-130 366-3333 0	4	Plug		28	900 238-0400 8	2	Screw 4 x 8
	10	-900 720-0001 1	1	O-ring 11		*11	130300-33830	1	Filter,Air (Felt)
	11	130 300-3333 0	1	Filter, air					
	12	130 325-3333 0	1	Stud					
	13	101 501-3333 0	1	Cover, cylinder					
	16	-101 520-3333 0	1	Cover					
	14	900 238-0502 0	7	Screw 5 x 20					
	15	130 822-3333 0	1	Filter					
	20	145 510-1983 1	1	Gasket, muffler					
	21	145 610-3333 0	1	Muffler					
	22	900 105-0501 0	2	Screw 5 x 10					



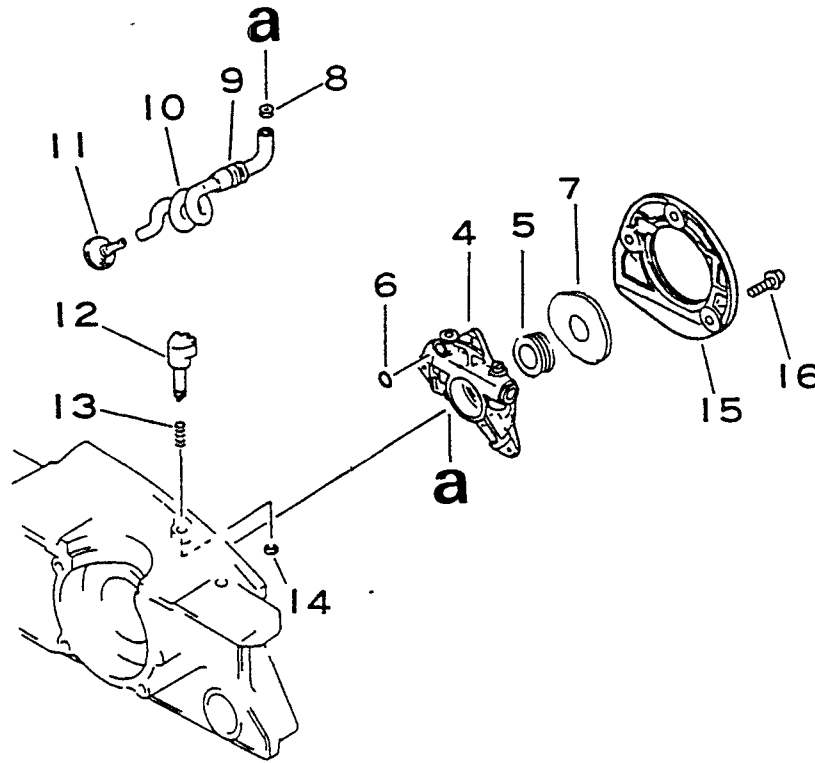
Key No.	Part Number	Q'ty	Description	Key No.	Part Number	Q'ty	Description
3-	5	1	Case, carburetor	3-	20	1	Plug
	6	1	Plate		22	1	Plate, ground
	7	1	Cushion		23	1	Label, switch
	8	1	Screw, idle adjust		26	1	Switch, ignition
	9	1	O-ring 6		27	1	Bracket, switch
	10	1	Grommet		29	1	Lead, ground
	11	1	Pipe, impulse		30	1	Grommet
	12	1	Screw 5 x 14		31	1	Cap, cushion
	13	2	Screw 5 x 55		32	1	Screw
	14	1	Gasket		33	1	Cushion
	15	1	Carburetor assembly		35	4	Screw 5 x 20
	16	1	Rod, choke		36	1	Screw 5 x 10
	17	1	Grommet, choke		37	1	Label, idle
	18	1	Rod, throttle		38	2	Nut
	19	1	Holder, lever		39	1	Spring, Idle Adjust



Key No.	Part Number	Q'ty	Description	Key No.	Part Number	Q'ty	Description
4-	5	1	Grommet	4-	15	1	Grip, starter
	6	1	Cover, fan (inner)		16	1	Guide, rope
	7	1	Starter assembly		17	1	Cover, fan
	8	1	Screw 5 x 14		18	4	Screw 5 x 20
	9	1	Washer 5		19	1	Label
	10	1	Drum, starter				
	11	1	Rope, strarter				
	12	1	Plate, starter				
	13	1	Spring, rewind				
	14	1	Plate, starter				

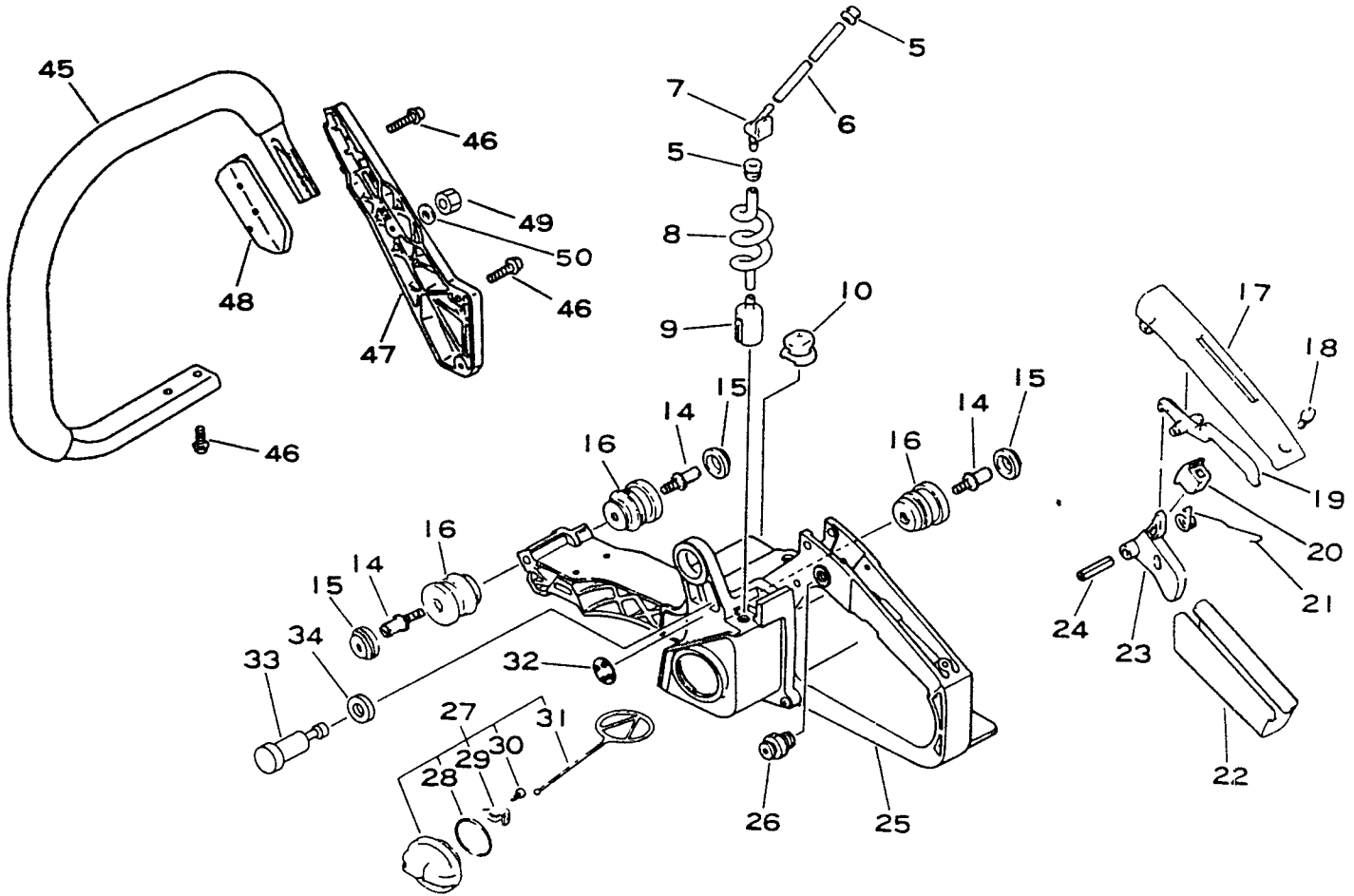


Key No.	Part Number	Q'ty	Description	Key No.	Part Number	Q'ty	Description
5-	5	1	Flywheel	5-	21	1	Coil, spark plug cap
	6	1	Fan, cooling		22	1	Plug, spark
	7	1	Washer		24	1	Coil, ignition
	8	1	Nut 8		26	4	Screw 4 x 20
	9	2	Spring, return		27	1	Screw 4x8
	10	2	Spacer, ratchet		28	2	Bushing
	11	2	Pawl, starter		29	1	Tube
	12	2	Washer 5				
	13	2	Screw 5 x 14				
	20	1	Cap, spark plug				

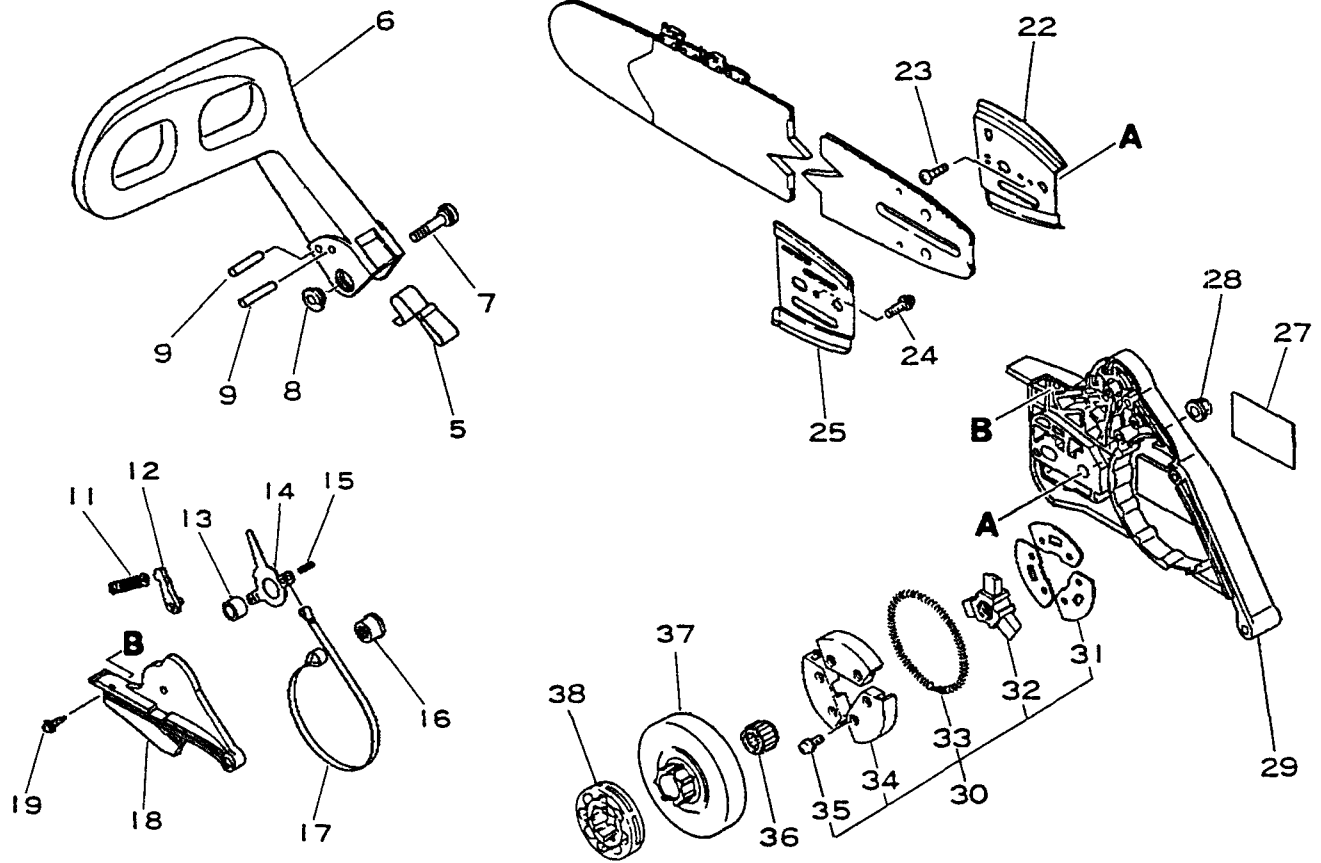


Key No.	Part Number	Q'ty	Description	Key No.	Part Number	Q'ty	Description
6- *4	437000-32332	1	Auto-oiler assembly	6- 14	900 700-0000 3	1	E-ring 3
5	437 063-1993 0	1	Worm	15	437 605-3243 0	1	Cover, oil pump
6	900 720-0000 3	1	O-ring 3	16	900 238-0401 4	3	Screw 4 x 14
7	437 066-3263 0	1	Cover				
8	132 013-2663 0	1	Clip				
9	132 115-1233 0	1	Grommet				
10	437 210-1993 0	1	Pipe, oil				
11	436 205-1473 0	1	Strainer, oil				
12	437 039-1983 1	1	Knob				
13	437 015-1983 0	1	Spring				

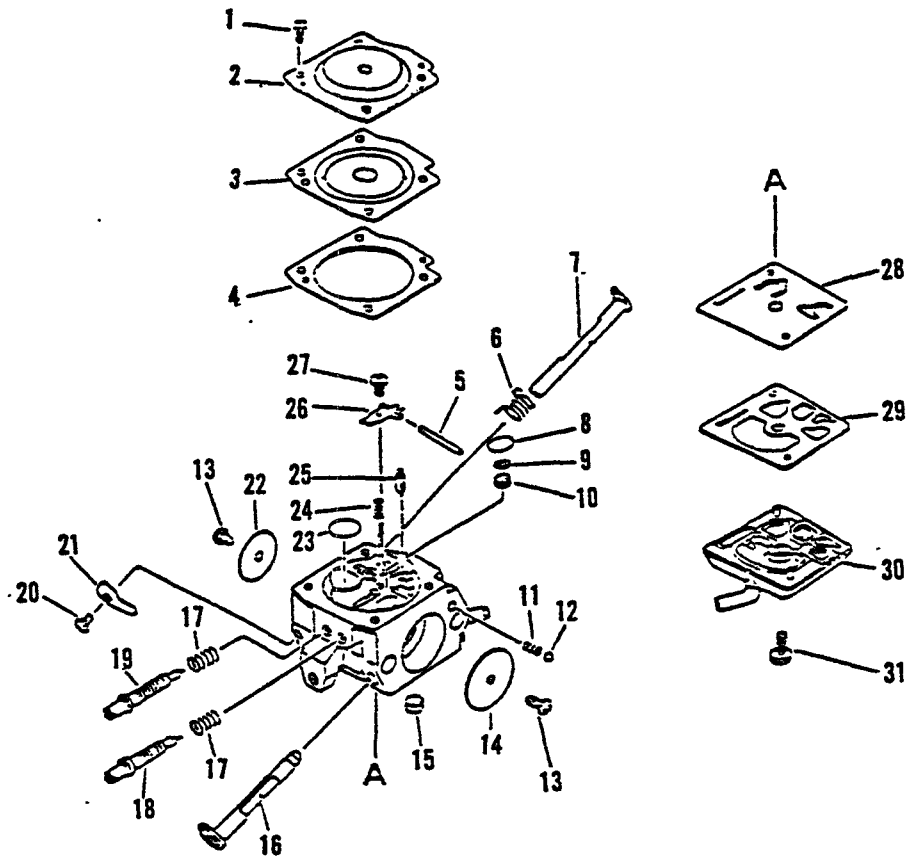
***437003 32632 WORM & PLUNGER KIT IS AVAILABLE FOR OILER SYSTEM REBUILD. KIT INCLUDES WORM GEAR AND OIL PUMP PLUNGER GEAR.**



Key No.	Part Number	Q'ty	Description	Key No.	Part Number	Q'ty	Description
7-	5	1	Grommet	7-	34	1	Grommet
	6	1	Pipe, fuel		26	1	Latch, throttle
	7	1	Connector, fuel pipe		27	1	Cap assembly, fuel tank
	8	1	Pipe		28	1	O-ring 29
	9	1	Strainer, fuel		29	1	Retainer, link
	10	1	Cushion		30	1	Screw 3 x 8
	14	3	Screw		31	1	Link
	15	3	Cap, cushion	45	351 606-3763 0	1	Handle, front
	16	3	Cushion	46	900 252-0502 0	6	Screw,
	17	1	Cover, handle	47	351 613-3753 0	1	Supporter, F handle
	18	1	Screw 4x14	48	351 614-3753 0	1	Bracket, F. handle
	19	1	Lockout, thr control	49	900 529-0000 5	1	Nut
	20	1	Cushion, throttle	50	900 600-0000 5	1	Washer
	21	1	Spring, thr return				
	22	1	Grip				
	23	1	Control, throttle				
	24	1	Pin, spring 5 x 25				
	25	1	Handle, rear				
	32	1	Cushion				
	33	1	Vent				



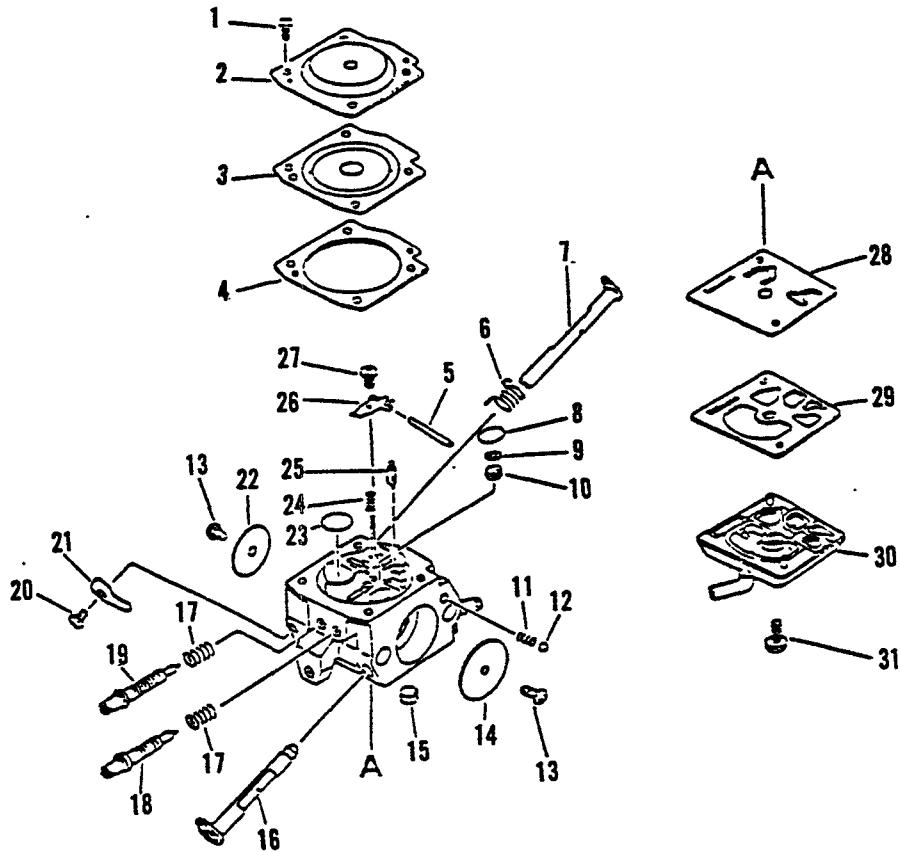
Key No.	Part Number	Q'ty	Description	Key No.	Part Number	Q'ty	Description
8-				8-			
5	433 114-3753 0	4	Spring	23	900 241-0400 8	1	Screw 4x8
6	433 105-3753 0	1	Lever, brake	24	900 241-0300 6	1	Screw 3x6
7	433 113-3753 0	1	Screw	25	433 013-1983 1	1	Plate, guide
8	433 137-3013 0	1	Nut	27	890118-1833 2	1	Label, ECHO
9	900 330-3526 0	2	Roller	28	433 019-1233 0	2	Nut, Flange
11	433 122-3543 0	1	Spring, brake	29	433 005-3753 0	1	Guard, sprocket
12	433 209-3543 0	1	Stopper, brake	30	175 000-3753 0	1	Clutch assembly
13	433 116-3543 0	1	Spacer	31	-175 019-1983 0	3	Plate, clutch
14	433 208-3543 0	1	Lever	32	-175 016-1983 0	1	Hub, clutch
15	900 345-4008 0	1	Pin, spring	33	-175 018-1983 0	1	Spring, clutch
16	433 142-3543 0	1	Adjuster	34	-175 002-1983 0	1	Shoe kit, clutch
17	433 123-3543 0	1	Band, brake	35	-900 238-0400 8	6	Screw 4x8
18	433 310-3753 0	1	Cover	36	175 012-1983 0	1	Bearing, needle
19	900 253-0401 0	3	Screw 4x10	37	175 105-1983 1	1	Drum, clutch
22	433 012-1453 3	1	Plate, guide	38	175 114-1253 0	1	Rim, sprocket



KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
	125200 33330	1	CARBURETOR ASY	INCLUDES ITEMS BELOW
1	B	4	SCREW	
2	125342 33330	1	COVER, DIAPHRAGM	
3	A B	1	DIAPHRAGM	
4	A B	1	GASKET, DIAPHRAGM	
5	B	1	PIN, ARM	
6	125313 33330	1	SPRING, THROTTLE RETURN	
7	125317 33330	1	SHAFT, THROTTLE	
8	B	1	PLUG, WELCH	
9	B	1	RING, RETAINING	
10	B	1	STRAINER	
11	125335 33330	1	SPRING, THROTTLE FRICTION	
12	125336 33330	1	BALL	
13	125314 13930	2	SCREW	
14	125332 33330	1	VALVE, CHOKE	
15	125326 42030	1	STRAINER	
16	125331 33330	1	SHAFT, CHOKE	
17	B	2	SPRING, COIL	
18	125320 33330	1	NEEDLE, HIGH SPEED	
19	125318 33330	1	NEEDLE, IDLE	
20	125348 13930	1	SCREW	

CONTINUED

CS-4600



KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
21	125350 33330	1	LEVER, THROTTLE	
22	125316 33330	1	VALVE, THROTTLE	
23	B	1	PLUG, WELCH	
24	B	1	SPRING, COIL	
25	B	1	VALVE, NEEDLE	
26	B	1	ARM, VALVE	
27	B	1	SCREW	
28	A B	1	DIAPHRAGM, FUEL PUMP	
29	A B	1	GASKET, FUEL PUMP	
30	125324 33330	1	COVER, PUMP	
31	125310 13930	1	SCREW	
A	125303 33330	1	GASKET/DIAPHRAGM KIT	
B	125302 33330	1	REPAIR KIT	

KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
A	125303 33330	1	GASKET/DIAPHRAGM KIT	INCLUDES ITEMS BELOW
		1	DIAPHRAGM	
		1	GASKET, DIAPHRAGM	
		1	DIAPHRAGM, FUEL PUMP	
		1	GASKET, FUEL PUMP	
B	125302 33330	1	REPAIR KIT	INCLUDES ITEMS BELOW
	125303 33330	1	GASKET/DIAPHRAGM KIT	
		1	PIN, ARM	
		1	PLUG, WELCH	
		1	RING, RETAINING	
		1	STRAINER	
		2	SPRING, COIL	
		1	PLUG, WELCH	
		1	SPRING, COIL	
		1	VALVE, NEEDLE	
		1	ARM, VALVE	
		1	SCREW	