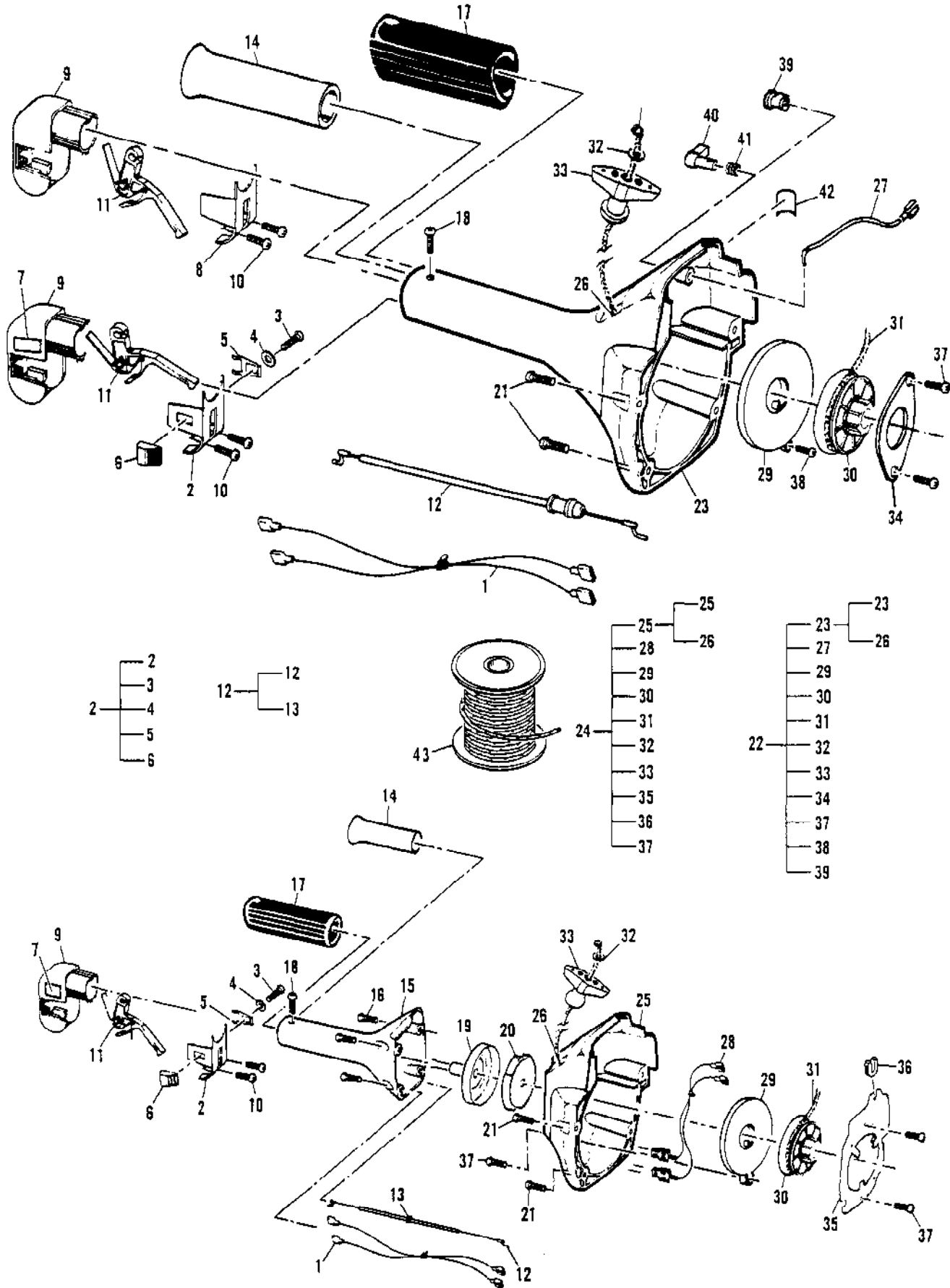
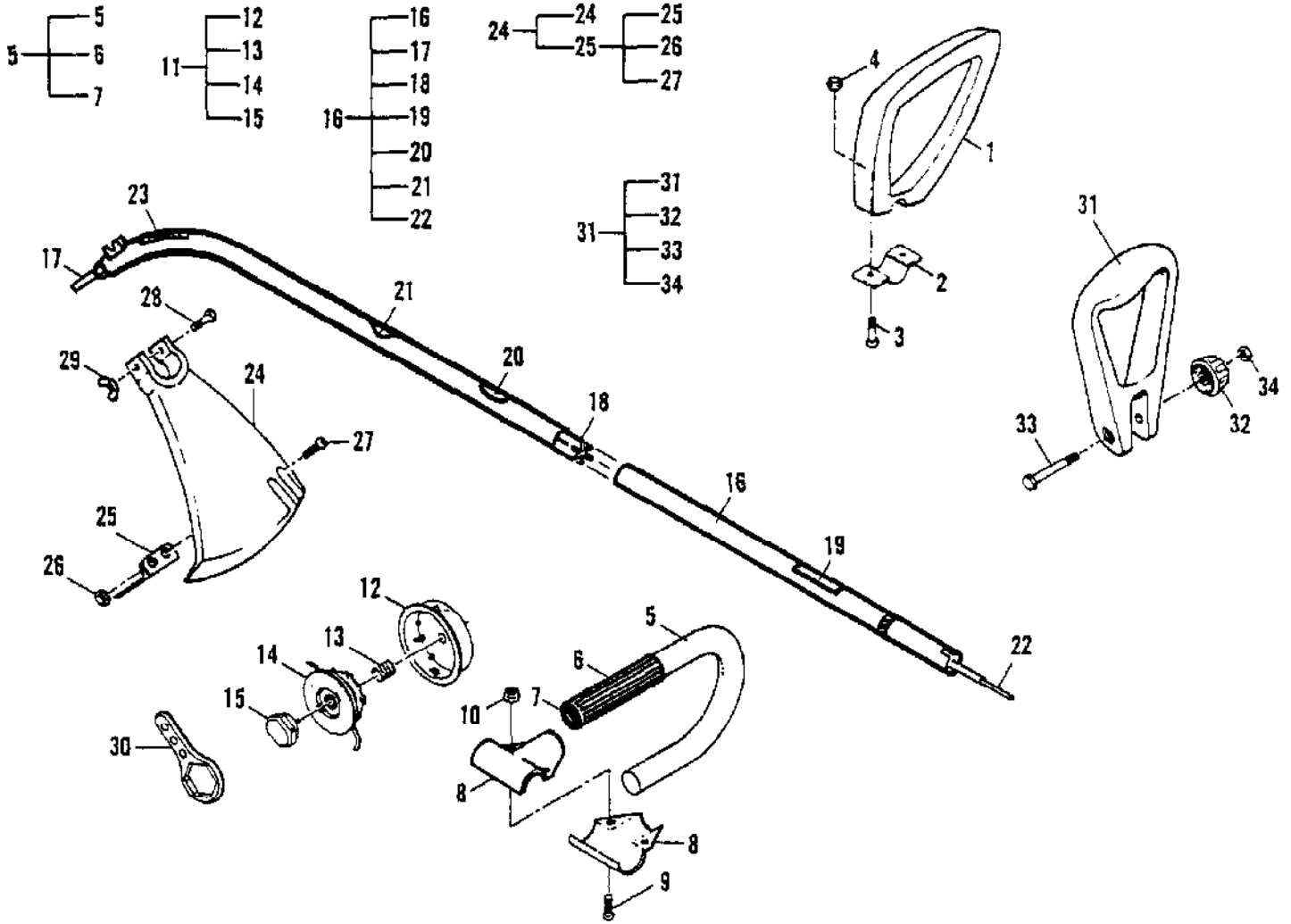


Ref #	Part Number	Qty	Description
	224033-02		Carburetor w/Choke, Walbro WT-231A
	224033-01	1	Carburetor w/Choke, Zama M29
1		1	Ring, Screen Retainer
2		1	Ring, Shaft Retainer
3		1	Lever, Throttle
4		1	Cover, Metering Lever
5	300456	1	Cover, Fuel Pump
	300072	1	Cover, Fuel Pump
6		1	Shaft Assembly, Throttle
7		1	Valve, Throttle
8		1	Shaft Assembly, Choke
9		1	Valve, Choke
10		1	Valve, Inlet Needle
11		1	Seat Assembly, Check Valve
12		1	Plug, Cup 5mm
13		1	Plug, Welch 5/16
14		1	Ball, Choke Friction
15		1	Gasket, Metering Diaphragm
16		1	Gasket, Fuel Pump
17		1	Diaphragm, Fuel Pump
18		1	Diaphragm Assembly, Metering
19		3	Screw, Valve
20		1	Screw, Metering Lever Pin
21		1	Screw, Pump Cover
22		1	Screw, Idle Adjust Kit
23		4	Screw, Metering Cover
24		1	Spring, Choke Friction
25		1	Spring, Idle Needle
26		1	Spring, High Speed Needle
27		1	Spring, Throttle Return
28		1	Spring, Metering Lever
29		1	Needle, High Speed
30		1	Needle, Idle
31		1	Screen, Check Valve
32		1	Screen, Fuel Inlet
33		1	Pin, Metering Lever
34		1	Lever, Metering
	300457		Kit, Carburetor Repair (Walbro)
	224460		Kit, Gasket/Diaphragm (Walbro)
	322363		Kit, Choke Lever(Walbro)
	300454		Kit, Carburetor Repair (Zama)
	300473		Kit, Gasket/Diaphragm (Zama)
	322358		Kit, Choke Lever (Zama)



Ref #	Part Number	Qty	Description
1	301133	1	Wire Assembly, Switch
	301135	1	Wire Assembly, Switch
2	300064	1	Cover Assembly, Switch
3	111069	1	Screw, 8-16 x .375 Plastite
4	105497	1	Washer, Flat (.180 ID max)
5	224246	1	Contact, Switch
6	224245	1	Button, Stop Switch
7	322081	1	Label, ON/OFF Switch
8	224914	1	Cover, Switch Housing
9	224234	1	Trigger Housing Assembly 22mm
10	111061	2	Screw, 6-19 x .62FL HD Plast
11	300361	1	Trigger, Throttle
12	300149	1	Throttle Cable Assembly, Non-clutch
	300372	1	Throttle Cable Assembly
13	111074	1	Nut, Speed .188 ID
14	322234	1	Sleeve, Protecting
15	224912	1	Housing, Clutch (Yellow) 7/8"
16	224919	4	Screw, 10-14 x 1.0 PN HD
17	322140	1	Grip
18	111070	1	Screw, 12-11 x .5 PN HD TORX
19	224045	1	Drum Assembly, Clutch
20	300459	1	Kit, Clutch
21	111054	4	Screw, 10-24 x .625
22	300979	1	Kit, Starter Asy. w/plug (Grey)
23	300980	1	Housing, Starter/Guide, Rope
	300118	1	Starter Asy (Yellow) w/plug
	300621	1	Housing, Starter/Guide, Rope
24	224916	1	Starter Asy (Yellow)
25	300616	1	Housing, Starter/Guide, Rope
26		1	Guide, Rope
27	222926	1	Wire Assembly - Switch
28	301134	1	Wire Assembly - Starter Housing
29	300475	1	Package, Spring Assembly
30	300872	1	Drum/Rope Assembly
31	222869	1	Rope, Starter (46")
32	218941	1	Washer, Nylon
33	216792	1	Handle, Starter
34	322362	1	Pulley Retainer DD
35	224927	1	Plate, Baffle CD
36	215533-01	1	Grommet, H/T Lead
37	223357	2	Screw, 8-16 Plastite
	223357	3	Screw, 8-16 Plastite
38	322027	1	Screw, Spring Retainer
39	300119	1	Plug (Switch Cover)
40	222914	1	Button, Stop For models 12400128-03, 12400128-17 and 12400132-01
41	222913	1	Spring, Stop Button
42	211243	1	Label, Push and Hold
43	300415	1	Rope, Bulk

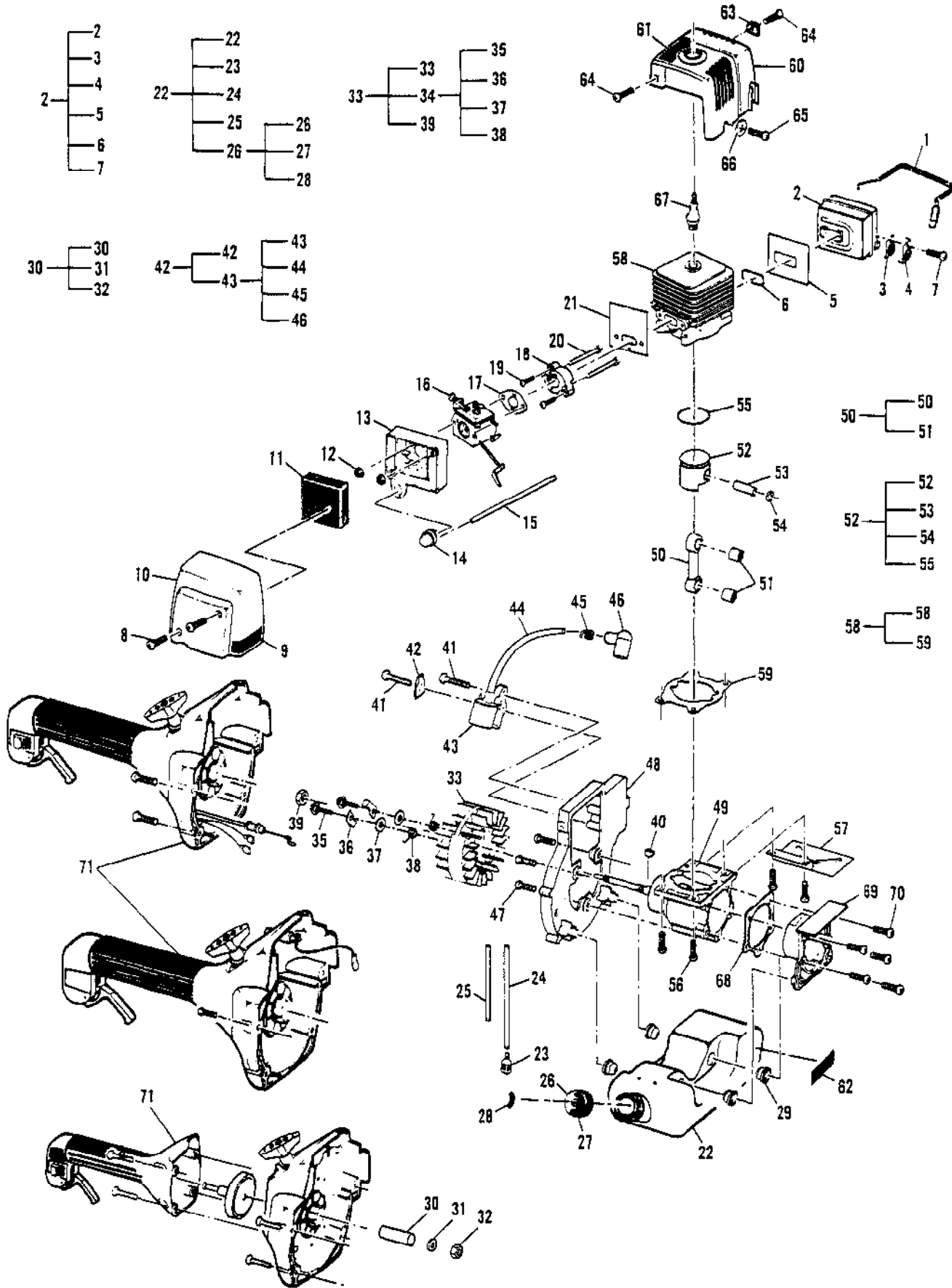


Ref #	Part Number	Qty	Description
1	217444	1	Handle, Delta
2	217442	1	Clamp, Handle
3	120041	2	Screw, M5 x .8 x 22 Hex
4	217159	2	Nut, Hex M5
5	300540	1	Handle 'J'/Grip Asy
6	322139	1	Grip
7	218328	1	Plug, Tubing
8	215337	2	Clamp, Handle
9	217935	2	Screw, TR 10-24 x .50 TORX
10	218315	2	Nut
11	300651	1	Kit, Stringhead -Sml-
12	322025	1	Housing/Eyelet Asy. w/Collar
13	322626	1	Spring, McC St/Head
14	300688	1	Kit, Line on Spool(M-Sm)
15	300736	1	Kit, Knob Asy-Sml
16	300429	1	Housing Assembly, Outer (44")
17		1	Spindle Not available separately.
18		1	Sleeve Not available separately.
19	218295	1	Decal, Warning
20	223407	1	Decal, Eye/Ear Cover
21	211214	1	Decal, Warning(15m)
22	218285	1	Shaft, Flex
	300424	1	Housing Assembly, Outer (48")
		1	Spindle Not available separately.
	218295	1	Decal, Warning
	223407	1	Decal, Eye/Ear Cover
	211214	1	Decal, Warning (15m)
	215324	1	Shaft, Flex
23	322099	1	Label, Debris Shield Warning
24	224062	1	Shield Assembly, Grass 17"
25	300626	1	Kit, Knife
26	216682	2	Nut, Lock 10 24 Hex
27	217935	2	Screw, 10-24 x .50 Torx
28	216595	1	Screw, M6 x 1.0 Hex
29	111102	1	Nut, Wing M6 x 1.0
30	322344	1	Wrench, Stringhead
31	300834	1	Kit, Handle Assembly
32	322719	1	Knob
33	09075-99	1	Bolt, 1/4-20 x 2 1/2
34	13035-99	1	Nut, 1/4-20 x .226T

No
Diagram
Available

Parts List
Only

Ref #	Part Number	Qty	Description
	322235		LOCTITE KIT
	322236		RETAINING COMPOUND 620 (10ml)
	322237		THREAD LOCKER 242 (10ml)
	322238		GASKET ELIMINATOR 518 (50ml)
	322239		BLACK MAX ADHESIVE 380 (1 oz)



Powerhead Assembly

Ref #	Part Number	Qty	Description
1	224044	1	Spring, Muffler
2	300628	1	Kit, Muffler
3	224040	1	Screen, Spark Arrester
4	322032	1	Cover, Spark Arrester
5	224228	1	Gasket, Muffler
6	224922	1	Gasket, Exhaust Port
7	111072	1	Screw, 8-18 x .31 PN HD SL Torx
8	111055	2	Screw, 10-14 x .625
9	322478	1	Label, Choke (Horizontal)
10	224236	1	Cover, Air Cleaner-Large (Blk)
	300302	1	Cover, Air Cleaner-Large (Grey)
11	224239	1	Filter, Air
12	111058	2	Nut, 10-24 Hex / Flange
13	224238	1	Box, Air (Blk)
	300301	1	Box, Air (Grey)
14	224242-01	1	Primer, Remote
15	225163	1	Hose, Fuel Return
16		1	CARBURETOR W/CHOKE See "Carburetor Assembly" illustration and parts list.
17	218933	1	Gasket, Carburetor
18	224041	1	Manifold, Carburetor
19	111053	2	Screw, 10-24 x .88 THD FORM
20	111057	2	Screw, 10-24 SPL
21	322031	1	Gasket, Manifold
22	300871	1	Kit, Fuel Tank / Cap (Blk)
23	216985	1	Pickup, Fuel
24	225162	1	Hose, Fuel
25	225163	1	Hose, Fuel Return
26	300700	1	Kit, Fuel Cap/Decal
27	211242	1	Decal, (OPEN SLOWLY)
28	322250	1	Decal, Fuel Cap
29	322105	4	Isolator, Fuel Tank
30	301114	1	Kit, Spacer, Clutch
31	322847	1	Nut
32	322844	1	Washer
33	300827	1	Kit, Flywheel
34	301019	1	Kit, Pawls/Flywheel
35	111090	2	Screw, Starter Pawl, 12-24 LH
36	322320	2	Pawl, Starter
37	93469	2	Washer, Starter Pawl
38	223339	2	Spring, Starter Pawl
39	322847	1	Nut
40	102164	1	Key, Flywheel
41	111053	2	Screw, 10-24 x .88 THD FORM
42	300321	1	Terminal Tab
43	219848-01	1	Ignition Assembly
44	223884	1	Kit, Spark Plug Wire
45	102556	1	Connector, Spark
46	95266	1	Boot, Spark Plug
		1	Grommet, H/T Lead Not available separately.
		1	Grommet, S/Plug Wire Not available separately.
47	111054	3	Screw, 10-24 x .625
48	224042	1	Shroud, Engine Machined
49	300765	1	Crankcase / Shaft Asy-DD
	300766	1	Crankcase / Shaft Asy-CD

Ref #	Part Number	Qty	Description
		1	Crankshaft Assembly Not available separately.
		1	Crankcase, Machined Not available separately.
		1	Bearing 6202 Not available separately.
		1	Bearing 6202RS Not available separately.
		1	Seal Not available separately.
		1	Spacer Not available separately.
		1	O-Ring Not available separately.
50	224009	1	Connecting Rad Assembly
51	91117	2	Bearing
52	300661	1	Kit, Piston, 28cc Aluminum
53	300482	1	Piston Pin, C'shaft (10mm dia)
54	215876	1	Ring, Retaining
55	224224	1	Ring, Piston 35mm
	300663	1	Kit, Piston 32cc Aluminum
	300482	1	Piston Pin, C'shaft (10mm dia)
	215876	1	Ring, Retaining
	224217	1	Ring, Piston 38mm
56	111065	4	Screw, 10-24 x .688 TRI RND
57	322030	1	Shield, Muffler
58	300452	1	Kit, Cylinder 28cc Chrome
	300453	1	Kit, Cylinder 32cc Chrome
59	224022	1	Gasket, Cylinder
60	224235	1	Cover, Cylinder/Muffler (Blk)
	300304	1	Cover, Cylinder/Muffler (Grey)
61	322479	1	Label, Start Instructions (MOM OFF)
	322480	1	Label, Start Instructions (SLI/SW)
62	322100	1	Label, Storage
63	322210	1	Washer, Plastic
64	111067	2	Screw, 10-24 x .63 SL Torx TP
65	111068	1	Screw, 10-14 x 1.38 Taptite
66	93469	1	Washer
67	62345	1	Spark Plug / DJSJ
68	224023	1	Gasket, Crankcase
69	224024	1	Plug, Crankcase
70	111065	5	Screw, 10-24 x .688 TRI RND
71			STARTER HOUSING ASSEMBLIES See "Starter/Clutch Housing Assembly" illustration and parts list.

No
Diagram
Available

Parts List
Only

Ref #	Part Number	Qty	Description
	215432		PRESSURE TEST TOOL
	217720		KIT, TORX WRENCHES
	222785		T-25 TORX DRIVE 3.5"