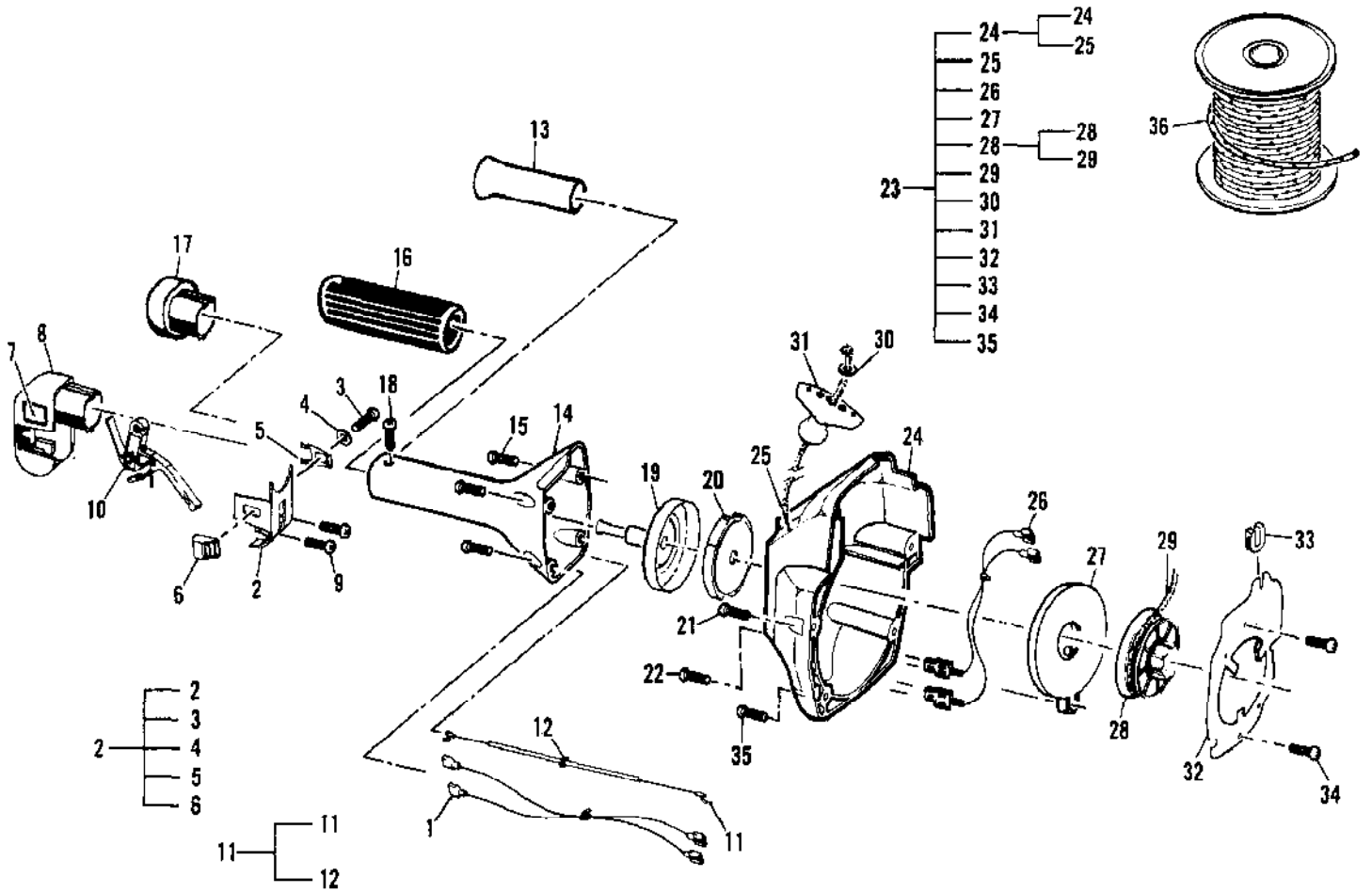
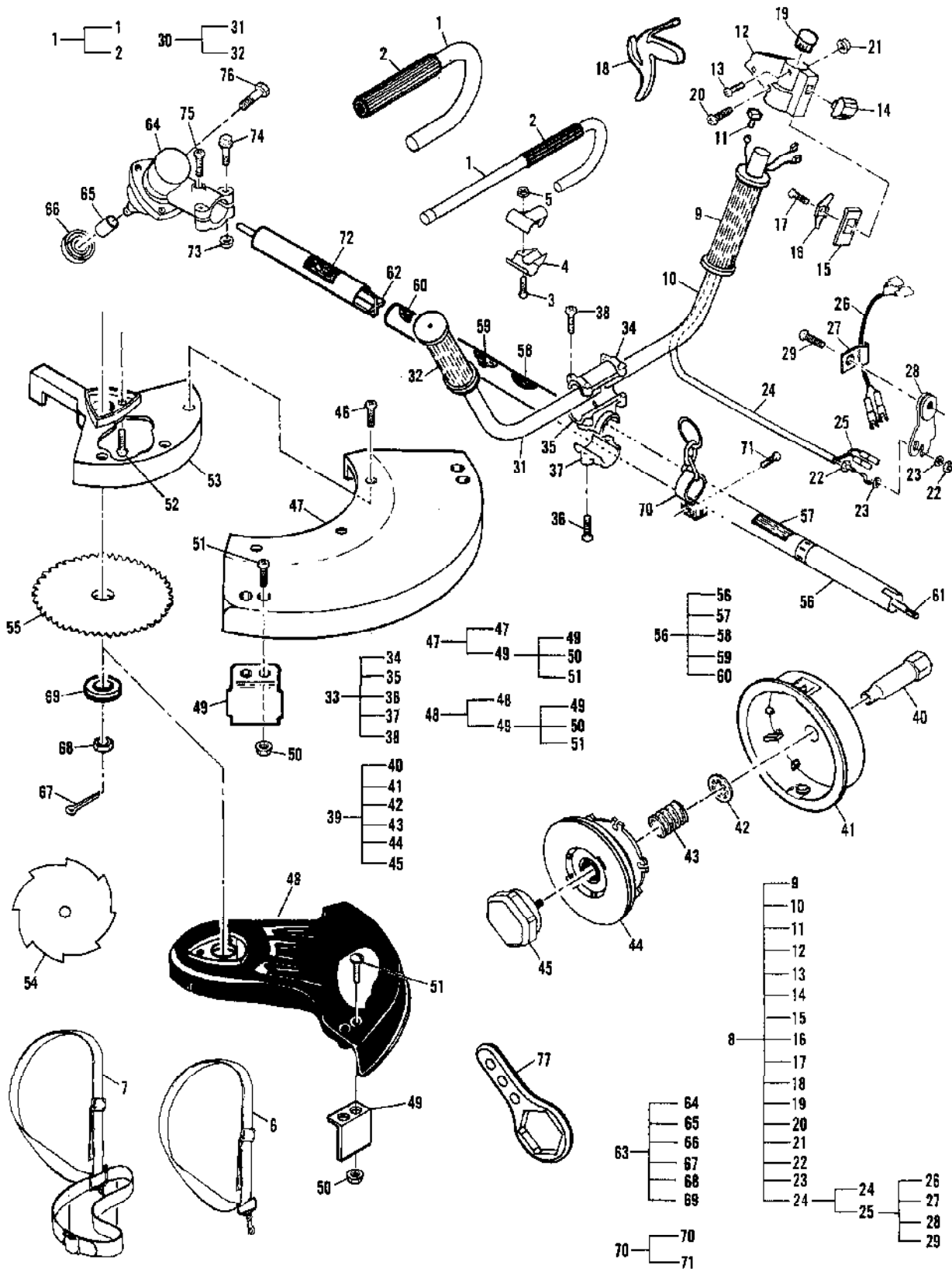


Ref #	Part Number	Qty	Description
	224033-02		Carburetor w/Choke, Walbro WT-231A
	224033-01		Carburetor w/Choke, Zama M29
1		1	Ring, Screen Retainer
2		1	Ring, Shaft Retainer
3		1	Lever, Throttle
4		1	Cover, Metering Lever
5	300456	1	Cover, Fuel Pump
5	300072	1	Cover, Fuel Pump
6		1	Shaft Assembly, Throttle
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)

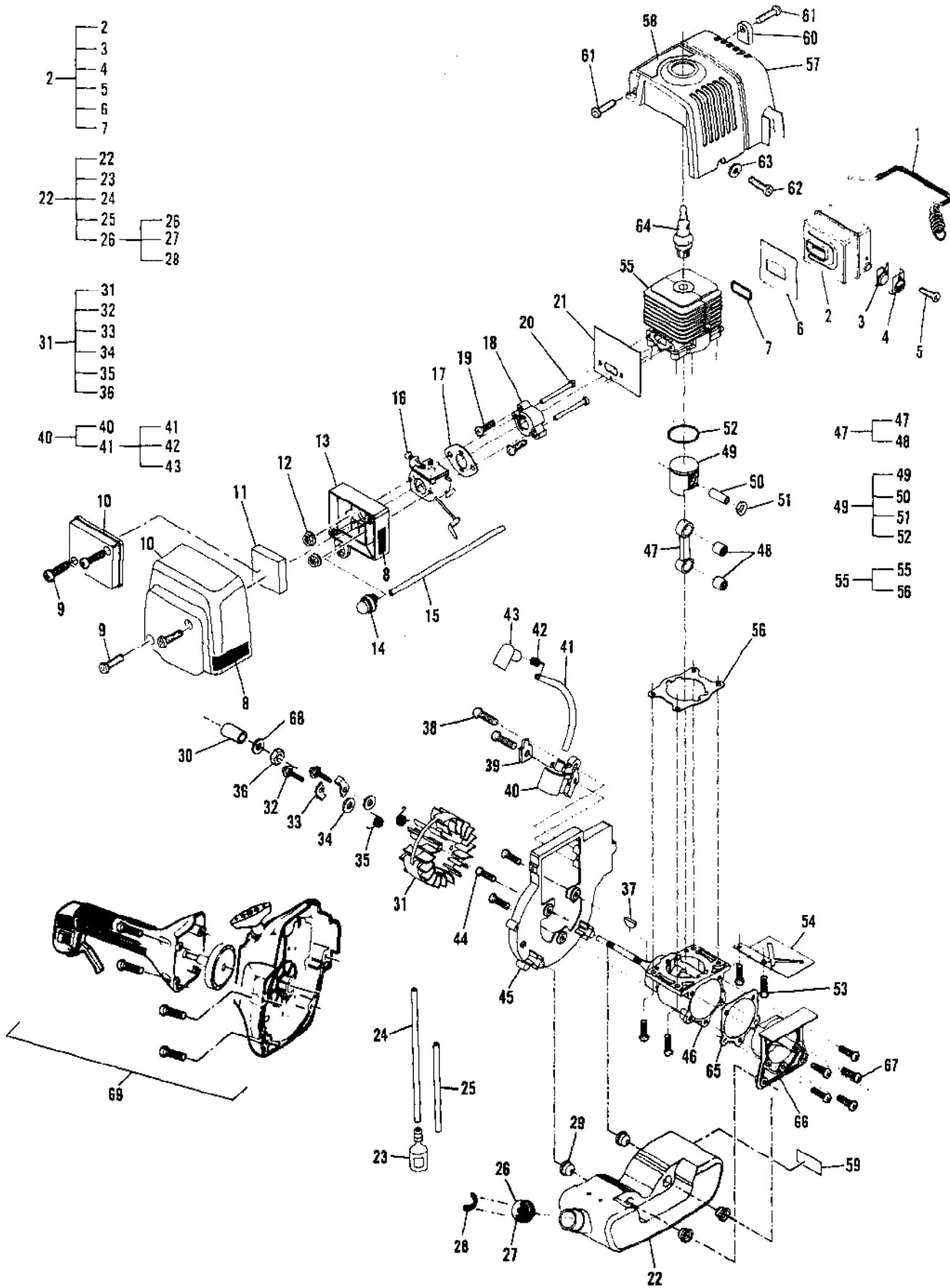


Ref #	Part Number	Qty	Description
1	224204	1	Wire Assembly, Switch
2	300064	1	Cover Assembly, Switch
3	111069	1	Screw, 8-16 x .375 Plastite
4	105497	1	Washer, Flat (.180 ID max)
5	224246	1	Contact, Switch
6	224245	1	Button, Stop Switch
7	322081	1	Label, ON-OFF Switch
8	224205	1	Trigger Housing Assembly 1"
9	111061	2	Screw, 6-19 x .62
10	300361	1	Trigger, Throttle
11	300372	1	Throttle Cable Assembly
12	111074	1	Nut, Speed .188 ID
13	322234	1	Sleeve, Protecting
14	224249	1	Housing, Clutch 1" (Yellow)
	300015	1	Housing, Clutch 1" (Grey)
15	224919	4	Screw, 10-14 x 1.0 PN HD
16	322140	1	Grip
17	224920	1	Plug, Handle
18	111070	1	Screw, 12-11 x .50 Torx (top)
19	224045	1	Drum Assembly, Clutch
20	300459	1	Kit, Clutch
21	111060	1	Screw, 10-24 x 1.38 TR HD TAP
22	223357	1	Screw, 8-16 Plastite
23	224916	1	Starter Housing Assembly (Yellow)
	300684	1	Starter Housing Assembly (Yellow)
24	300616	1	Housing/Guide, Rope Asy
	300013	1	Starter Housing Assembly Grey
	300686	1	Starter Housing Assembly (Grey)
	300618	1	Housing/Guide, Rope Asy
25		1	Guide, Rope Not available separately.
26	300369	1	Wire Assembly
27	300475	1	Package, Spring/Starter Rewind
28	300872	1	Drum/Rope Assembly
29	222869	1	Rope, Starter (46")
30	218941	1	Washer, Nylon
31	216792	1	Handle, Starter
32	224927	1	Plate, Baffle
33	215533-01	1	Grommet, H/T Lead
34	223357	2	Screw, 8-16 Plastite
35	111054	4	Screw, 10-24 x .625
35	111054	3	Screw, 10 24 x .625
36	300415	1	Rope, Bulk



Ref #	Part Number	Qty	Description
1	300541	1	Handle Assembly, Barrier
	300540	1	Handle 'J'/Grip
2	322139	1	Grip
3	217935	2	Screw, 10 - 24 x .50 Torx
4	217292	2	Clamp, Handle
5	218315	2	Nut
6	224083	1	Harness
7	217956	1	Harness Assembly
8	300549-02	1	Handle Assembly w/Trigger
9	215322	1	Grip
10	216787	1	Bar, Handle
11	215323	1	Guide
12	222794	1	Housing, Trigger Throttle
13	223200	1	Screw, Self Tap, 10-16
14	68846	1	Button, Stop Switch
15	215319	1	Base, Stop Switch
16	215320	1	Contact, Switch
17	110706	1	Screw, 8-18 x .50
18	300361	1	Trigger, Throttle
19	218328	1	Plug, Tubing
20	216027	1	Screw, M5 x 28.5 SEMS
21	217159	1	Nut, Hex M5
22	217403	2	Nut, Hex M6 x 1.0
23	216596	2	Washer, Flat M6
24	300673	1	Kit, Wire/Cable
25	300825	1	Kit, Wire Assembly
26	300679	1	Wire Harness, Ignition
27	322291	1	Clip
28	322578	1	Bracket, 'T' Cable
29	111060	1	Screw, 10-24 x 1.38 TR HD Tap
30	216868-01	1	Bar Assembly, Handle
31		1	Bar, Handle Not available separately.
32	94212	1	Grip, Handle
33	217974	1	Clamp Assembly
34		1	Clamp. Top Not available separately.
35		1	Centerpiece Not available separately.
36	216782	2	Bolt, Hex M6 x 30.0
37		1	Clamp, Bottom Not available separately.
38	216781	4	Bolt, Hex M5 x 25.0
39	300078-01	1	Stringhead Asy. -L-
40	322106	1	Stud, Left Hand Thread
41	300091	1	Housing/Eyelet Assembly (L)
42	111073	1	Ring, Retainer
43	322626	1	Spring, Left
44	300690	1	Kit, Line on Spool (M-Lg)
45	300737	1	Kit, Knob Asy - Lrg
46	217935	3	Screw, 10-24 x .50 Torx
47	300318	1	Kit, Grass Shield (unassem.)
48	224978	1	Kit, Debris Shield
49	300626	1	Kit, Knife
50	216682	2	Nut, Lock 10 24 Hex
51	217935	2	Screw, 10 24 x .50 Torx
52	224175	3	Screw, M6 x 15
53	224177-01	1	Shield, Blade
54	216513-02	1	Blade, Brush 08 Tooth

Ref #	Part Number	Qty	Description
55	216514-02	1	Blade, Brush 80 Tooth
56	300432	1	Housing Asy., Outer 1" x 56" Solid
56	300419	1	Housing Asy., Outer 1" x 56" Flex
57	219030	1	Decal, Warning (S/T Shaft)
58	223407	1	Decal, Eye/Ear Cover
59	211214	1	Decal, Warning 15m
60	211215	1	Decal, Thrown Objects
61	217752	1	Shaft, Drive
61	224091	1	Shaft, Flex
62	224090	1	Sleeve
63	224457	1	Kit, Gear Housing Assembly
64	224181-01	1	Housing Asy, - Gear
65	322009-01	1	Sleeve, Spindle
66	224136-01	1	Collar, 20mm
67	218159	1	Pin, Cotter
68	216751	1	Nut, Hex M10 LH
69	218075	1	Flange, Spindle
70	218002	1	Ring Assembly, Harness
71		1	Bolt, M5 x 13 Not available separately.
72	322099	1	Label, Debris Shield Warning
73	217159	2	Nut, Hex M5
74	216828	2	Bolt, Hex M5 x 40
75	216795	1	Screw, Phi M5 x 12
76	216832	1	Bolt, Hex MB x 8.0
77	322344	1	Wrench, Stringhead



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 PNHD SL TX
8	322478	1	Label, Choke - Horizontal
	322477	1	Label, Choke - Vertical
9	111055	2	Screw, 10-14 x .625
10	224237	1	Cover, Air Cleaner - Small (Blk)
	224236	1	Cover, Air Cleaner - Large (Blk)
11	224239	1	Filter, Air
12	111058	2	Nut, 10-24 Flange / Hex
13	224238	1	Box, Air (Blk)
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
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	322842	1	Spacer, Clutch
31	300827	1	Kit, Flywheel
32	111090	2	Screw, Starter Pawl 12-24 LH
33	322320	2	Pawl, Starter
34	93469	2	Washer, Starter Pawl
35	223339	2	Spring, Starter Pawl
36	111085	1	Nut
37	102164	1	Key, Flywheel
38	111053	2	Screw, 10-24 x .88
39	300321	1	Terminal Tab
40	219848-01	1	Ignition Assembly
41	223884	1	Kit, Spark Plug Wire
42	102556	1	Connector, Spark
43	95266	1	Boot, Spark Plug
		1	Grommet, H/T Lead Not available separately.
		1	Grommet, S/Plug Wire Not available separately.
44	111054	3	Screw, 10-24 x .625
45	224042	1	Shroud, Engine (Machined)
46	300766	1	Crankcase / Shaft Assembly CL
		1	Crankshaft Assembly
		1	Crankcase, Machined
		1	Bearing 6202
		1	Bearing 6202RS

Ref #	Part Number	Qty	Description
		1	Seal
		1	Spacer
		1	O Ring
47	224009	1	Connecting Rod Assembly
48	91117	2	Bearing
49	300661	1	Kit, Piston, 28cc Aluminum
50	300482	1	Piston Pin, C'shaft (10mm dia)
51	215876	1	Ring, Retaining
52	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
53	111065	4	Screw, 10-24 x .688
54	322030	1	Shield, Muffler
55	300452	1	Kit, Cylinder 28cc Chrome
	300453	1	Kit, Cylinder 32cc Chrome
56	224022	1	Gasket, Cylinder
57	224235	1	Cover, Cylinder/Muffler (Blk)
58	322480	1	Label, Start Instructions - Sli/Sw
59	322100	1	Label, Storage
60	322210	1	Washer, Plastic
61	111067	2	Screw, 10-24 x .63 SL Torx TP
62	111068	1	Screw, 10-14 x 1.38 Taptite
63	93469	1	Washer
64	62345	1	Spark Plug / DJ8J
65	224023	1	Gasket, Crankcase
66	224024	1	Plug, Crankcase
67	111065	5	Screw, 10-24 x .688 Tri Rnd
68	322844	1	Washer
69			STARTER HOUSING ASSEMBLY See "Clutch/Starter Housing Assembly" illustration and parts list
	322235		LOCTITE KIT
	322236		RETAINING COMPOUND 620 (10 ml)
	322237		THREAD LOCKER 242 (10 ml)
	322238		GASKET ELIMINATOR 518 (50 ml)
	322239		BLACK MAX ADHESIVE 380 (1 oz)

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"