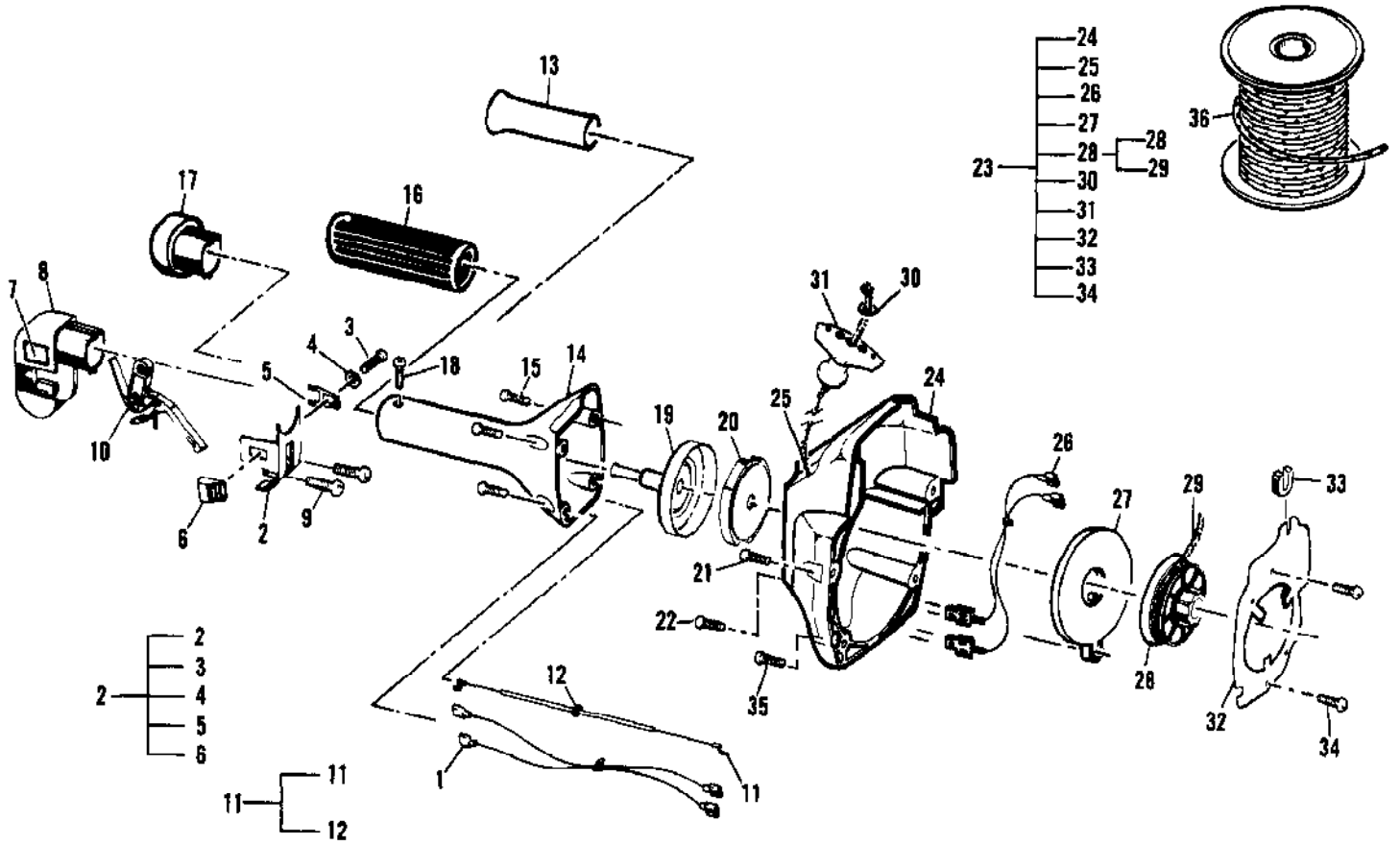
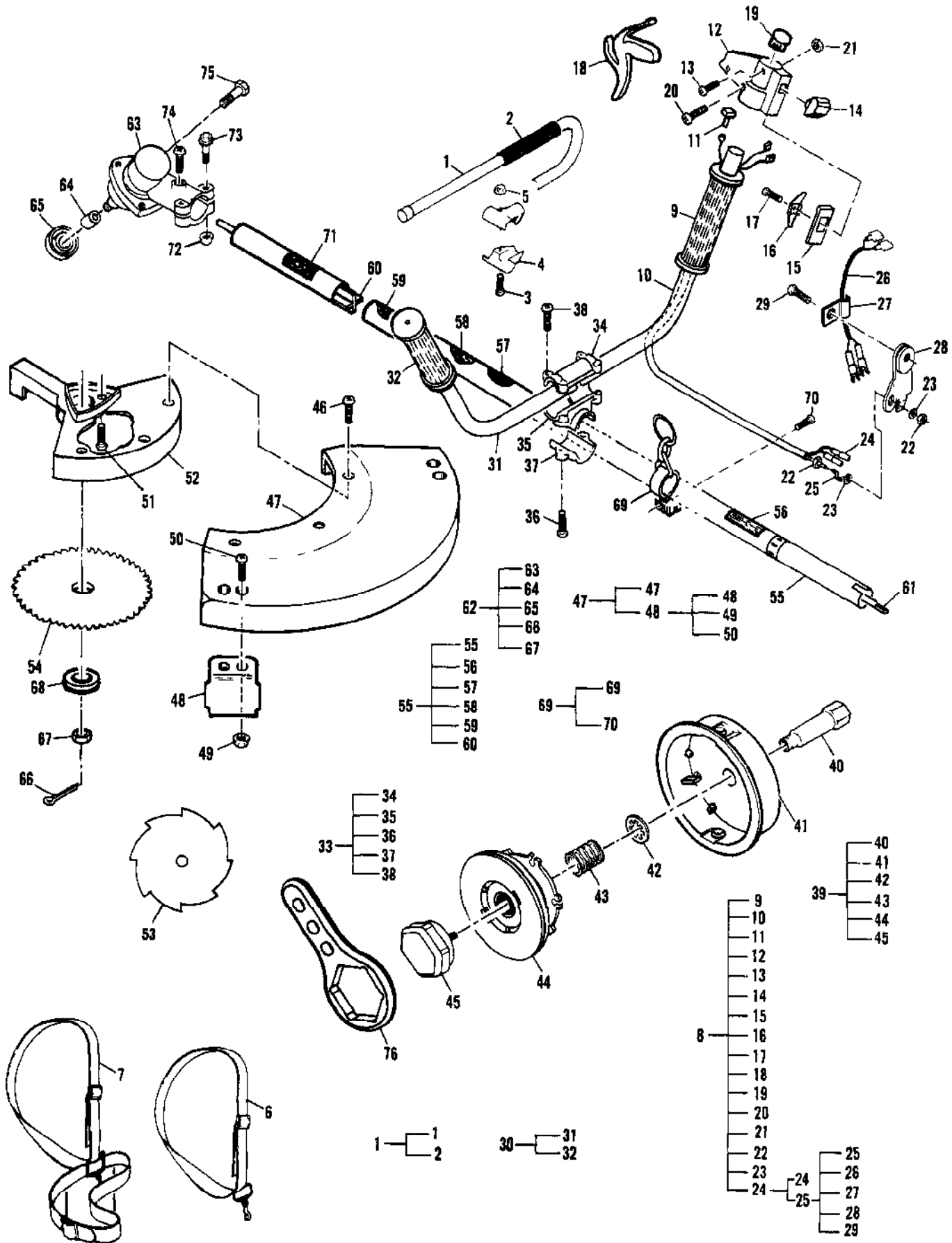


Ref #	Part Number	Qty	Description
	224033-02		Carburetor w/Choke, Walbro WT-231A
	224033-01		Carburetor w/Choke, Zama M29
1		1	Ring, Screen Retainer
2		1	Ring, Shaft Retainer
3		1	Lever, Throttle
4		1	Cover, Metering Lever
5	300456	1	Cover, Fuel Pump
	300072	1	Cover, Fuel Pump
6		1	Shaft Assembly, Throttle
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		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
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	300684	1	Starter Housing Assembly (Yellow)
	224916	1	Starter Housing Assembly (Yellow)
24	300616	1	Housing/Guide, Rope
25		1	Guide, Rope Not available separately.
26	300369	1	Wire Assembly, Starter Hsg
27	300475	1	Package, Spring/Starter Rewind
28	322378	1	Pulley, Starter
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
	111054	3	Screw, 10-24 x .625
36	300415		Rope, Bulk



Ref #	Part Number	Qty	Description
1	300541	1	Handle Assembly, Barrier
2	322139	1	Grip
		1	Plug Not available separately.
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 Asy 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 Assy
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			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 (Mc-L/LT)
40	322106	1	Stud, Left Hand Thread
41	300091	1	Housing/Eyelet Assembly
42	111073	1	Ring, Retainer
43	322626	1	Spring, Left
44	300550-01	1	Spool Asy w/.095 Line
45	225167-01	1	Knob Assembly, Left
46	217935	3	Screw, 10-24 x .50 (Torx)
47	300318	1	Kit, Grass Shield (unassem.)
48	300626	1	Kit, Knife
49	216682	2	Nut, Lock 10-24 Hex
50	217935	2	Screw, 10-24 x .50 Torx
51	224175	3	Screw, M6 x 15
52	224177-01	1	Shield, Blade
53	216513-02	1	Blade, Brush 08 Tooth
54	216514-02	1	Blade, Brush 80 Tooth

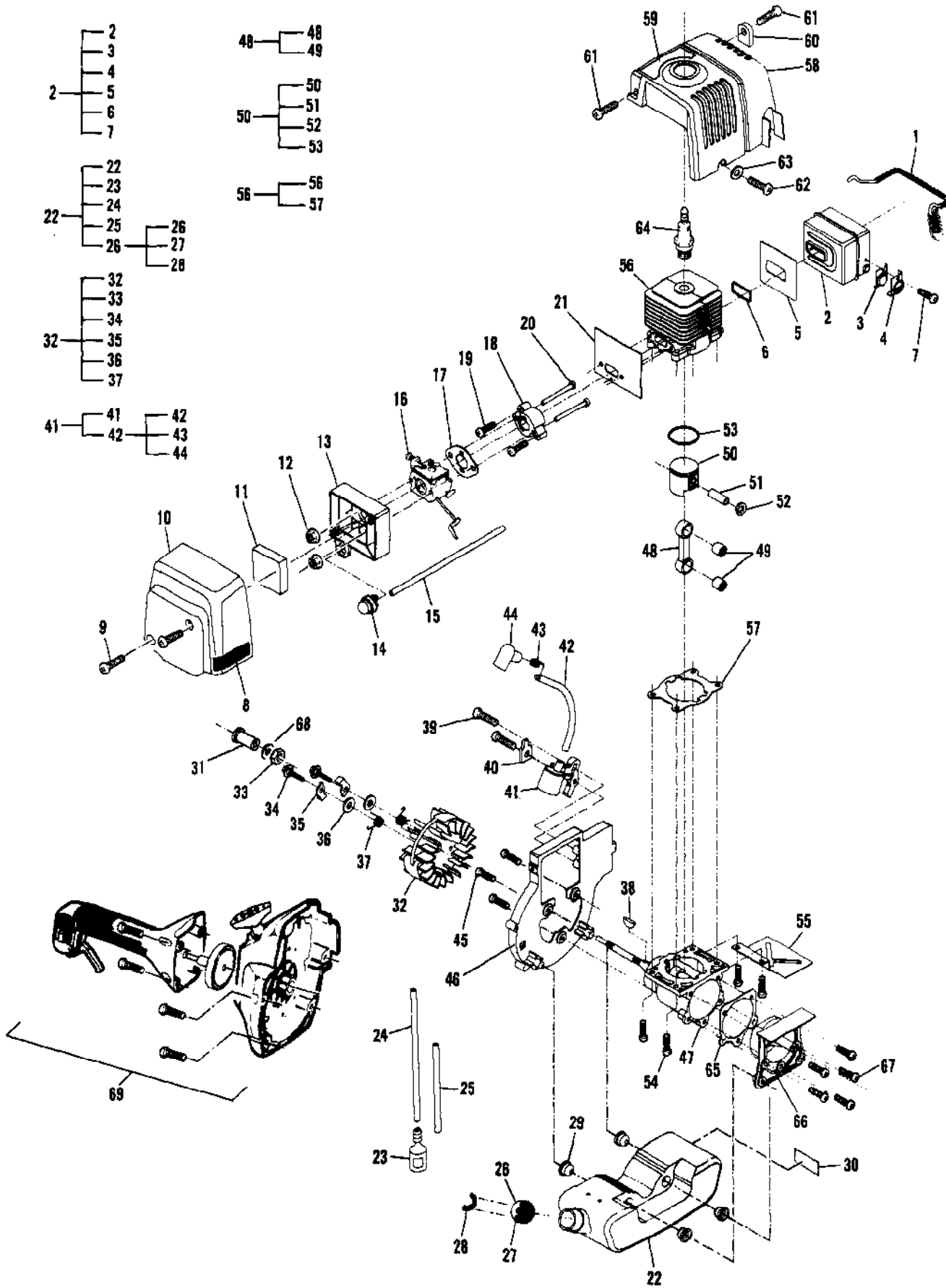
Ref #	Part Number	Qty	Description
55	300432	1	Housing Asy, Outer 1" x 56" Solid
	300419	1	Housing Asy, Outer 1" x 56" Flex
56	219030	1	Decal, Warning (S/T Shaft)
57	223407	1	Decal, Eye/Ear Cover
58	211214	1	Decal, Warning 15m
59	211215	1	Decal, Thrown Objects
60	322283	1	Sleeve
61	217752	1	Shaft, Drive
61	224091	1	Shaft, Flex
62	224457	1	Kit, Gear Housing Assembly, 1"
63	224181-01	1	Housing Asy - Gear
64	322009-01	1	Spline Sleeve
65	224136-01	1	Collar, 20mm
66	218159	1	Pin, Cotter
67	216751	1	Nut, Hex M10 LH
68	218075	1	Flange, Spindle
69	218002	1	Ring Assembly, Harness
70		1	Bolt, M5 x 13 Not available separately.
71	322099	1	Label, Debris Shield Warning
72	217159	2	Nut, Hex M5
73	216828	2	Bolt, Hex M5 x 40
74	216795	1	Screw, Phi M5 x 12
75	216832	1	Bolt, Hex MB x 8.0
76	322344	1	Wrench, Stringhead

No
Diagram
Available

Parts List
Only

Loctite Kit

Ref #	Part Number	Qty	Description
	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)



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 Torx
8	322478	1	Label, Choke (Horizontal)
	322241	1	Label, Choke
9	111055	2	Screw, 10-14 x .625 Plastite
10	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
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	322100	1	Label, Storage
31	322842	1	Spacer, Clutch
32	300827	1	Kit, Flywheel
33	111085	1	Nut
34	111090	2	Screw, Starter Pawl 12-24 L H
35	322320	2	Pawl, Starter
36	93469	2	Washer, Starter Pawl
37	223339	2	Spring, Starter Pawl
38	102164	1	Key, Flywheel
39	111053	2	Screw, 10-24 x .88 THD FORM
40	300321	1	Terminal Tab
41	219848-01	1	Ignition Assembly
42	223884	1	Kit, Spark Plug Wire
43	102556	1	Connector, Spark
44	95266	1	Boot, Spark Plug
		1	Grommet, H/T Lead Not available separately.
		1	Grommet, S/Plug Wire Not available separately.
45	111054	3	Screw, 10-24 x .625
46	224042	1	Shroud, Engine (Machined)
47	300766	1	Crankcase / Shaft Assembly CL
		1	Crankshaft Assembly Not available separately.
		1	Crankcase, Machined Not available separately.
		1	Bearing 6202 Not available separately.
		1	Bearing 6202 RS Not available separately.

Ref #	Part Number	Qty	Description
		1	Seal Not available separately.
		1	Spacer Not available separately.
		1	O Ring Not available separately.
48	224009	1	Connecting Rod Assembly
49	91117	2	Bearing
50	300663	1	Kit, Piston, 32cc Aluminum
51	300482	1	Piston Pin, C'shaft (10mm dia)
52	215876	1	Ring, Retaining
53	224217	1	Ring, Piston 38mm
54	111065	4	Screw, 10-24 x .688
55	322030	1	Shield, Muffler
56	300453	1	Kit, Cylinder 32cc Chrome
57	224022	1	Gasket, Cylinder
58	224235	1	Cover, Cylinder/Muffler (Blk)
59	322480	1	Label, Start Instructions - Sli/Sw
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
64	92879	1	Spark Plug / RDJ8J
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.

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"