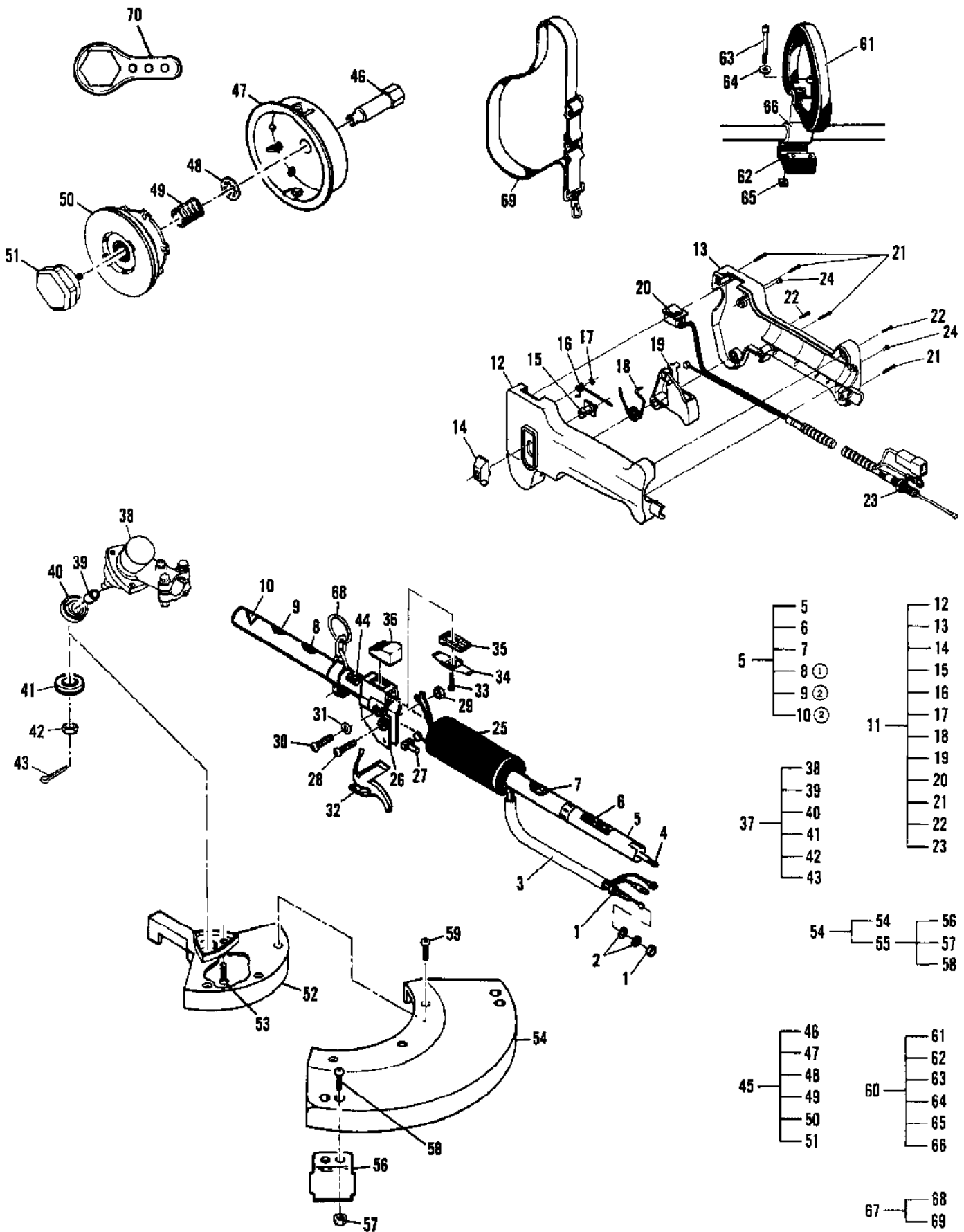
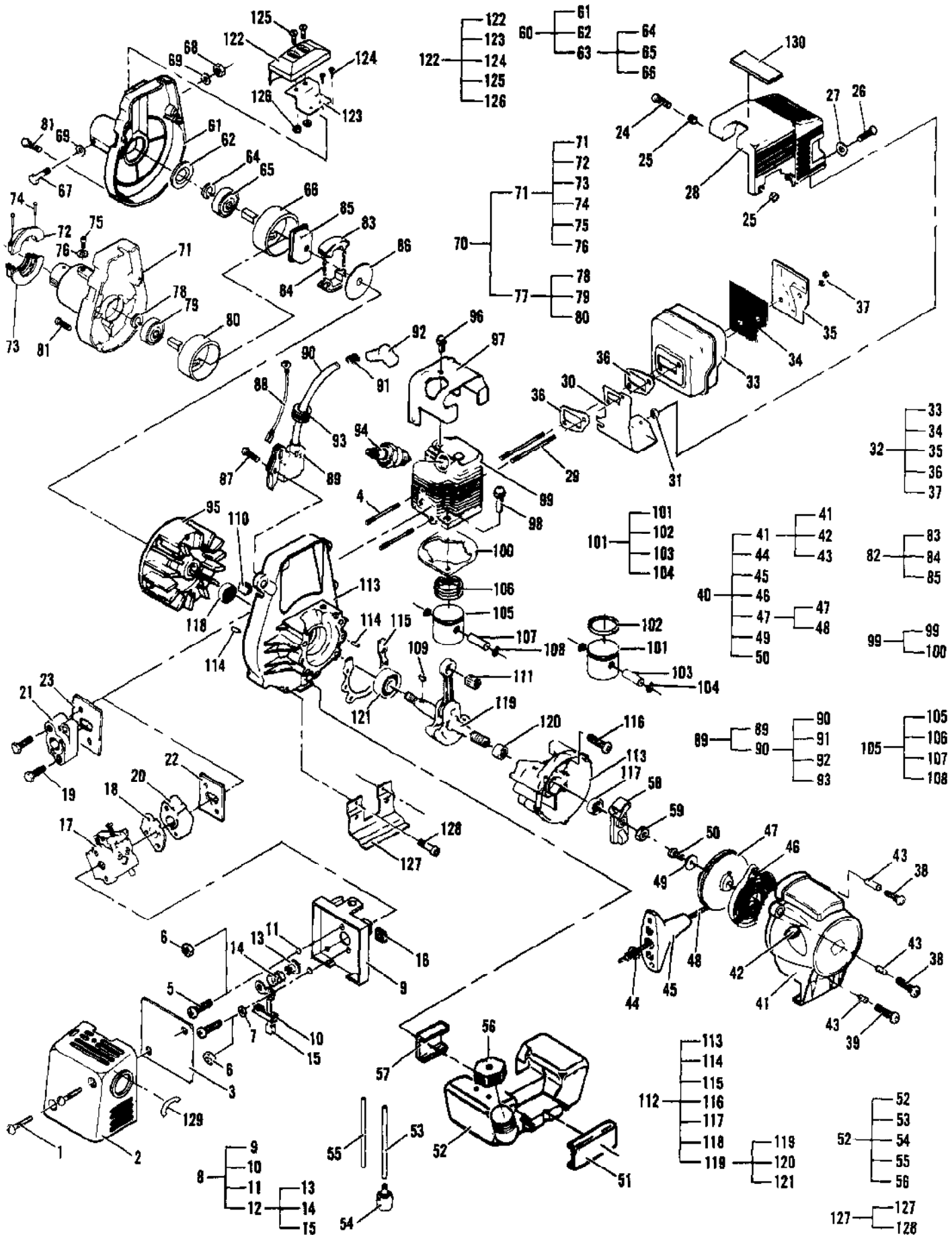


Ref #	Part Number	Qty	Description
1	224142-03		Carburetor Asy (WT238)
2		2	Screw, Pump Cover
3		1	Cover, Primer Pump
4	223077	1	Primer, Pump
5	223913	1	Cover Asy, Fuel Pump
6		1	Screw, Idle Adjustment
7		1	Spring, Idle Screw
8		1	Gasket, Fuel Pump
9		1	Diaphragm, Fuel Pump
10		1	Screen, Fuel Pump Inlet
11		1	Shaft Assembly, Throttle
12		1	Spring, Throttle Return
13		1	Ring, Shaft Retainer
14		1	Needle, Idle
15		1	Needle, High Speed
16		1	Spring, Idle Needle
17		1	Spring, High Speed needle
18		1	Screw, Valve
19		1	Valve, Throttle
20		1	Screw, Metering Lever Pin
21		1	Pin, Metering Lever
22		1	Lever, Metering
23		1	Valve, Inlet Needle
24		1	Spring, Metering Lever
25		1	Seat Assembly, Check Valve
26		1	Plug, Welch 5/16
27		1	Plug, Welch 1/4
28		1	Ring, Screen Retainer
29		1	Screen, Check Valve
30		4	Screw, Metering Cover
31		1	Cover, Metering Lever
32		1	Diaphragm Assembly, Metering
33		1	Gasket, Metering Diaphragm
34		1	Swivel
35		1	E-ring



Ref #	Part Number	Qty	Description
1	217403	2	Nut, Hex M6 x 1.0
2	216596	2	Washer, Flat M6
3	215306	1	Harness, Wiring
4	217752	1	Shaft, Drive
	217753	1	Shaft, Drive
5	216922	1	Housing Assembly, Outer
	300418	1	Housing Assembly, Outer
6	219030	1	Decal, Caution
7	223407	1	Decal, Eye/Ear Cover
8	223408	1	Decal, Warning
9	211214	1	Decal, Warning 15m
10	211215	1	Decal, Thrown Objects
11	227280	1	Handle, Trigger/Wire Assembly
12	229837	1	Handle, Left Half
13	229836	1	Handle, Right Half
14	229824	1	Slide, Throttle Cable
15	229823	1	Pin
16	229973	1	Spring
17	227065	1	Ring
18	227058	1	Spring, Trigger
19	227064	1	Trigger
20	227067	1	Wire Assembly
21	229846	4	Screw, 2.9 x 22 Self-threading
22	227074	2	Screw, 2.9 x 16 Self-threading
23	235912	1	Nut
24	111012	2	Screw, Pan 4-40 x .31 ST
25	322141	1	Grip (7/8")
26	222795	1	Housing, Trigger/Throttle
27	215323	1	Guide
28	216027	1	Screw, PN M5 x 28.5 SEMS
29	217159	1	Nut, Hex M5
30	223200	1	Screw, Self-tapping 10-16
31	93469	1	Washer, Starter Pawl
32	300361	1	Trigger, Throttle
33	110706	1	Screw, PN 8-18 x .5 ST H
34	215320	1	Contact, Switch
35	215319	1	Base, Stop Switch
36	68846	1	Button, Stop Switch
37	224457	1	Kit, Gear Housing Asy
38	224181-01	1	Housing Asy, Gear
39	322009-01	1	Sleeve, Spline
40	224136-01	1	Collar 20mm
41	218075	1	Flange, Spindle
42	216751	1	Nut, Hex M10 LH
43	218159	1	Pin, Cotter
44	322099	1	Label, Debris Shield Warning
45	300078-01	1	Stringhead Assembly
46	322106	1	Stud, Left
47	300091	1	Housing/Eyelet Assembly (L)
48	111073	1	Ring, Retainer
49	322626	1	Spring, Mc C Stringhead
50	300690	1	Kit, Line on Spool (M-Lg)
51	300737	1	Kit, Knob Assembly (Left)
52	224177-01	1	Shield, Blade
53	217935	3	Screw, TR 10-24 x .50 TORX

Ref #	Part Number	Qty	Description
54	300318	1	Kit, Grass Shield
55	300626	1	Kit, Knife
56	224497-01	1	Cutter
57	216682	2	Nut, Hx Lock 10-24
58	217935	2	Screw, TR 10-24 x .5 TOR
59	224175	3	Screw, M6 x 15
60	224977	1	Kit, Loop Handle
61	227045	1	Loop, Handle
62	227046	1	Clamp, Handle
63	228320	4	Screw, M6 x .8 x 45
64	236936	4	Washer
65	236642	4	Nut
66	224127	1	Spacer Not Used
67	225151	1	Kit, Harness
68	218002	1	Ring Asy, Harness
69	224083	1	Harness
70	322344	1	Wrench, Stringhead



Ref #	Part Number	Qty	Description
1	216027	2	Screw, PN M5 X 28.5 SEMS
2	227024	1	Cover, Air Cleaner
3	227023	1	Filter, Air
4	300139	2	Stud, Intake M5 x 66.5
5	111064	2	Screw, Hx M5 x .8 x 48
6	216585	2	Nut, Lock M5
7	216591	1	Washer, Flat M5
8	300069	1	Case Assembly
9		1	Air Box
10	215992	1	Grommet, Choke
11	227022	2	Bushing
12	223730	1	Kit, Choke Assembly
13		1	Plate, Choke Shutter
14	219016	1	Spring, Shutter
15		1	Shutter, Choke Lever
16	229524	2	Nut
17			CARBURETOR ASSEMBLY See "Carburetor Assembly" illustration and parts list.
18	224148	1	Gasket, Carburetor
19	111063	2	Screw, M5 x .8 x 21.5
20	223984	1	Insulator, S/T
21	224319	1	Insulator, Carburetor
22	224315	1	Gasket, Shield/Insulator
23	224318	1	Gasket, Shield/Insulator
24	219508	2	Screw, M4 x 17 SEMS TORX
25	229121	4	Bushing
26	215874	1	Screw, PN M4 x 9.5 TORX
27	68497	1	Washer
28	224351	1	Shield, Muffler
29	222480	2	Stud, Muffler
30	224266	1	Shield, Muffler Heat
31	224350	1	Nut, M4 Speed
32	300632	1	Kit, Muffler, Universal
33	322011	1	Muffler Asy, Universal
34	322018	1	Screen Spark Arrester
35	322017	1	Plate, Deflector
36	215515	2	Gasket, Muffler
37	235642	2	Nut, M5
38	216022	2	Screw, PN M4 x 23.4 TORX
39	217669	1	Screw, PN M4 x 25 TORX S
40	224111	1	Starter Assembly
41	224110	1	Housing, Starter Assembly
42	218932	1	Guide, Rope
43	219585	3	Spacer
44	218941	1	Washer, Nylon
45	216792	1	Handle, Starter
46	300474	1	Spring, Starter Rewind
47	301252	1	Kit, Drum/Rope
48	216093	1	Rope, Starter 36"
49	216590	1	Washer, Flat M4
50	215874	1	Screw, PN M4 x 9.5 TORX
51	217382	1	Cushion, Fuel Tank
52	223898	1	Tank Assembly, Fuel
53	225057	1	Hose, Fuel
54	216985	1	Pickup, Fuel

Ref #	Part Number	Qty	Description
55	225058	1	Hose, Return
56	224993	1	Cap, Fuel
57	217390	1	Cushion, Fuel Tank
58	225037	1	Starter Pawl Assembly
59	216583	1	Nut, Hex M8
60	224118	1	Housing Assembly, Fan
61	224116	1	Housing, Fan
62	215534	1	Plate, Thrust
63	218065	1	Drum Assembly, Clutch
64	213186	1	Ring, Retaining
65	213187	1	Bearing, Ball
66		1	Drum, Clutch
67	217158	1	Screw, Hex M5 x 35
68	217159	1	Nut, Hex M5
69	216591	2	Washer, Flat M5
70	224125	1	Housing Assembly, Fan A/V
71	224439	1	Housing, A/V Asy
72	227700	1	Clamp (Upper)
73	227701	1	Clamp (Lower)
74	235804	2	Screw, M5 x 30
75	236381	1	Screw
76	236529	1	Washer
77	218065	1	Drum Assembly, Clutch
78	213186	1	Ring, Retaining
79	213187	1	Bearing, Ball
80		1	Drum, Clutch
81	213177	4	Screw, PN M4 2 x 18.5 TORX
82	217554	1	Clutch Assembly
83		2	Shoe, Clutch
84	223770	2	Spring, Clutch
85	215536	1	Rotor, Clutch
86	215539	1	Plate, Side
87	216022	2	Screw, PN M4 x 23.4 TORX
88	219383	1	Wire Assembly, Switch
89	219848-01	1	Ignition Assembly
90	223884	1	Kit, Spark Plug Wire
91	102556	1	Connector, Spark
92	95266	1	Boot, Spark Plug
93	215533-01	1	Grommet, H/T Lead
	110995	1	Grommet, Spark Plug Wire Not Used
94	322189	1	Spark Plug DJ7Y
95	222308	1	Flywheel
96	213178	1	Screw, PN M5 x 8.5 SEMS T
97	215540-01	1	Cover, Cylinder
	224165	1	Cover, Cylinder
98	217320	2	Screw, PN M6 x 18 TORX SE
99	224448	1	Kit, Cylinder Plated/Gasket
	225059-01	1	Kit, Cylinder Plated/Gasket (25cc)
100	223925	1	Gasket, Cylinder
101	301443	1	Kit, Piston (21cc)
102	223455	1	Ring, Piston
103	218275	1	Pin, Wrist
104	111026	2	Ring, Snap Internal
105	301317	1	Kit, Piston (2-ring/25cc)
106	301399	1	Set, Rings (2 rings)

Ref #	Part Number	Qty	Description
107	223589	1	Pin, Wrist
108	111026	2	Ring, Snap, Internal
109	102164	1	Key, Flywheel
110	215541	1	Grommet
111	110984	1	Bearing, Needle
112	301203	1	Kit, C'case/C'shaft/C'rod
113	301153	1	Crankcase Assembly
114	213191	4	Pin
115	215545	1	Gasket, Crankcase
116	216027	4	Screw, PN M5 x 28.5 SEMS
117	83859	1	Seal, C/Shaft Oil
118	216500	1	Seal
119	301273	1	Crankshaft/Ball Bearing Assembly
120	213282	1	Bearing, C/Shaft
121	216143	1	Bearing, Ball
122	300653	1	Kit, Heat Shield
123		1	Bracket
124	219194	2	Screw, PN 5-20 x .438 ST
125	300296	2	Screw, 10-24 x .5 PN HD TX
126	216682	2	Nut, Hx Lock 10-24
127	300794	1	Kit, Engine Stand
128	216025	2	Screw, PN M4 x 8 TORX SEM
129	224967	1	Label, Primer
130	224968	1	Label, Starting Instructions

No
Diagram
Available

Parts List
Only

Loctite Kit

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 (28ml)

No
Diagram
Available

Parts List
Only

Ref #	Part Number	Qty	Description
	215432		Pressure Test Tool
	217720		Torx Wrenches Kit
	222785		T-25 Torx Drive 3.5"