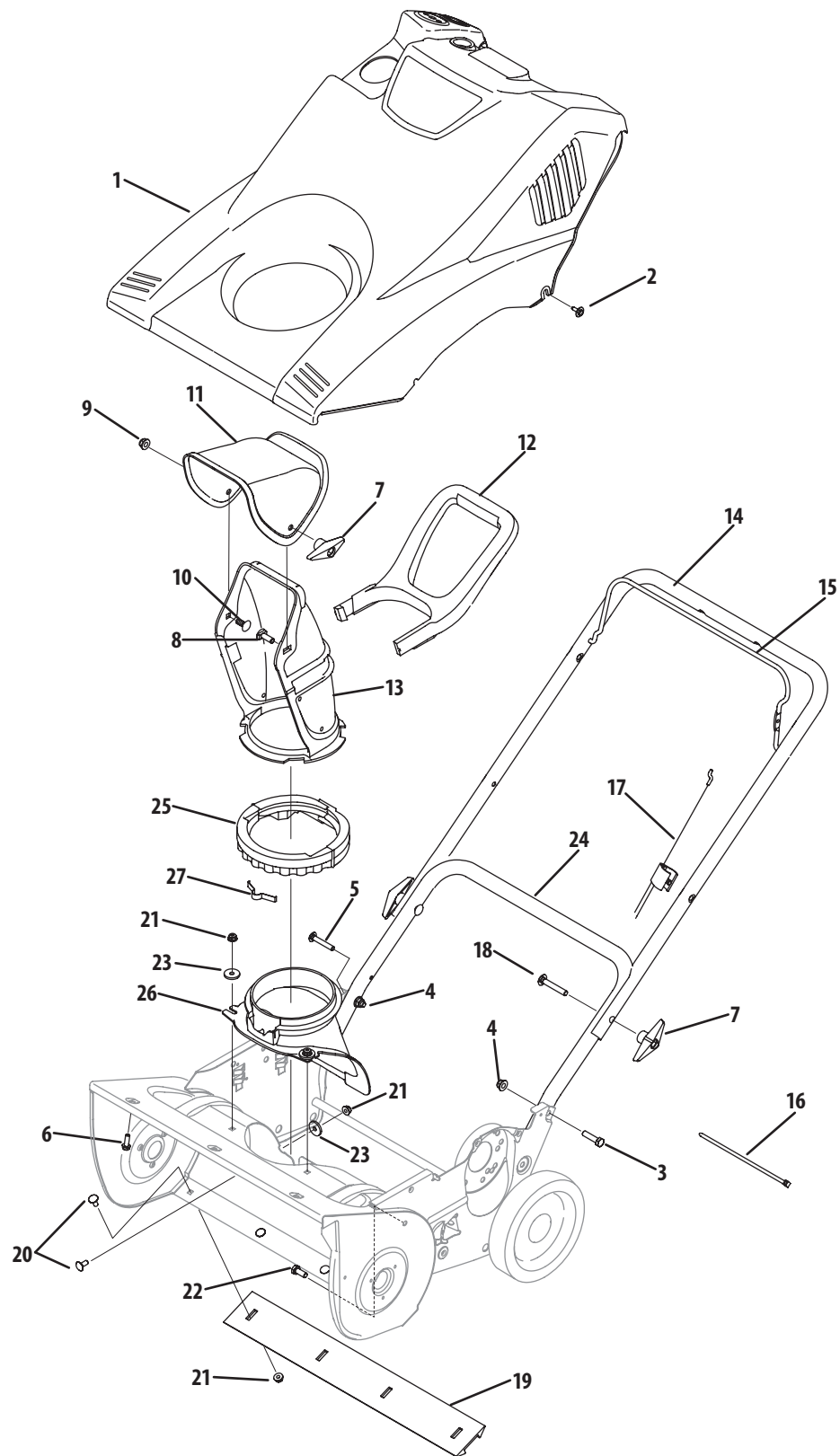

ILLUSTRATED PARTS MANUAL



Single-Stage Snow Thrower — Model 2M1

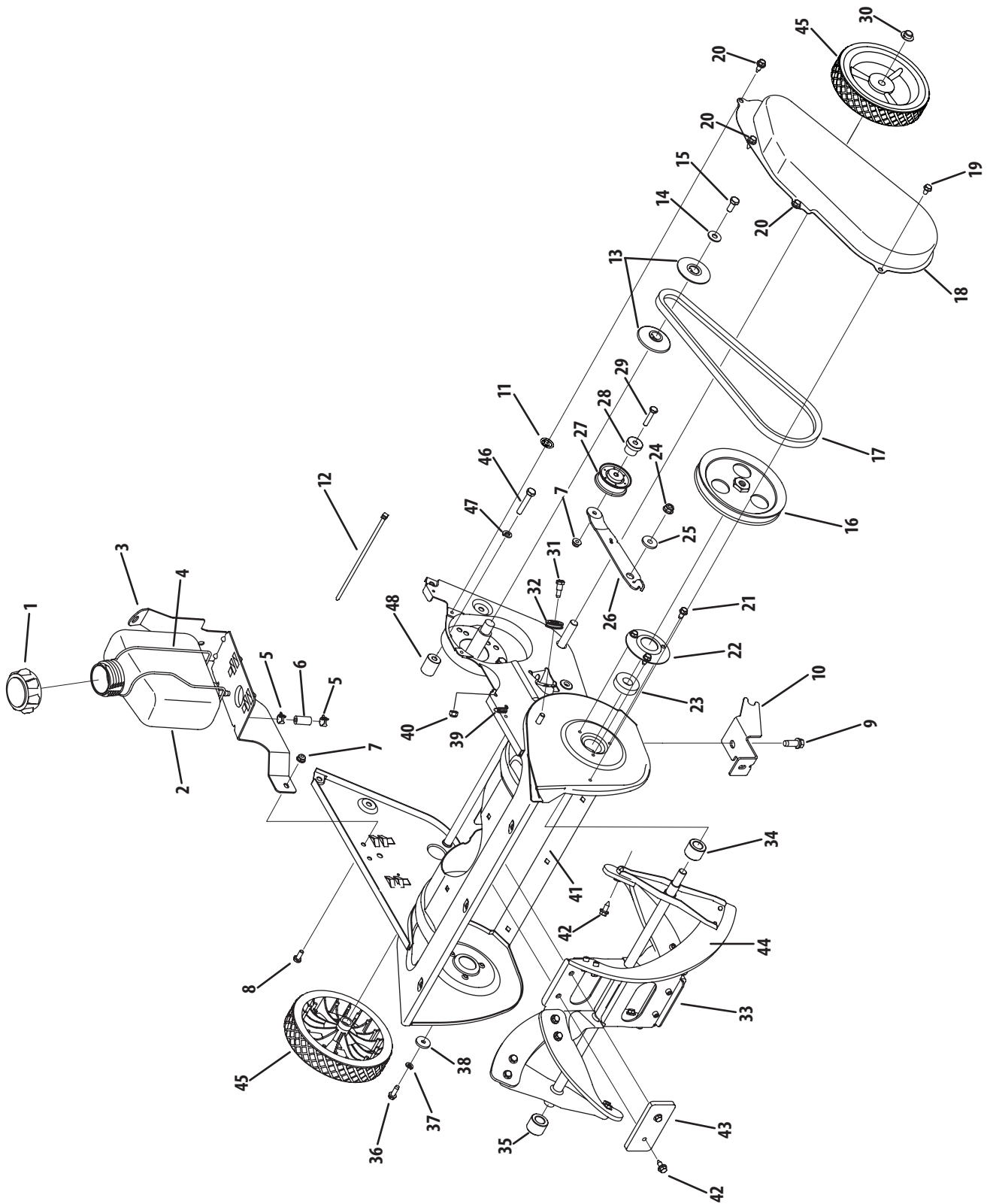
MTD LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019

Shroud, Chute & Handle



Ref.	Part Number	Description
1.	684-04236A	Shroud
2.	710-04669	Hex Screw, 10-16 x .625
3.	710-1090	Hex Flange Screw, $\frac{5}{16}$ -18 x 1.25
4.	712-04063	Flange Lock Nut, $\frac{5}{16}$ -18
5.	710-1882	Hex Flange Screw, $\frac{5}{16}$ -18 x 1.50
6.	710-0895	Hex Screw, $\frac{1}{4}$ -15 x .750
7.	720-04072A	Wing Nut, $\frac{5}{16}$ -18
8.	710-04071	Carriage Bolt, $\frac{5}{16}$ -18 x 1.00
9.	712-04063	Flange Lock Nut, $\frac{5}{16}$ -18
10.	710-0451	Carriage Bolt, $\frac{5}{16}$ -18 x .750
11.	731-04426A	Upper Chute
12.	731-04388A	Chute Handle
13.	931-04127	Lower Chute
14.	749-04459-0637	Upper Handle
15.	747-04165-0637	Bail Control
16.	725-0157	Cable Tie, $\frac{3}{16}$ x .05 x 7.4
17.	746-04237	Clutch Cable
18.	710-04532	Carriage Bolt, $\frac{5}{16}$ -18 x 2.00
19.	731-1033	Shave Plate, 21"
20.	710-0134	Carriage Screw, $\frac{1}{4}$ -20 x .62
21.	712-04064	Flange Lock Nut, $\frac{1}{4}$ -20
22.	710-3008	Hex Screw, $\frac{5}{16}$ -18 x .75
23.	936-0176	Flat Washer, .265 x .938 x .120
24.	749-04114B-0637	Lower Handle
25.	931-04353	Lower Chute Ring
26.	931-04886	Chute Adapter
27.	932-04111	Chute Adjustment Spring

Drive System & Auger Assembly

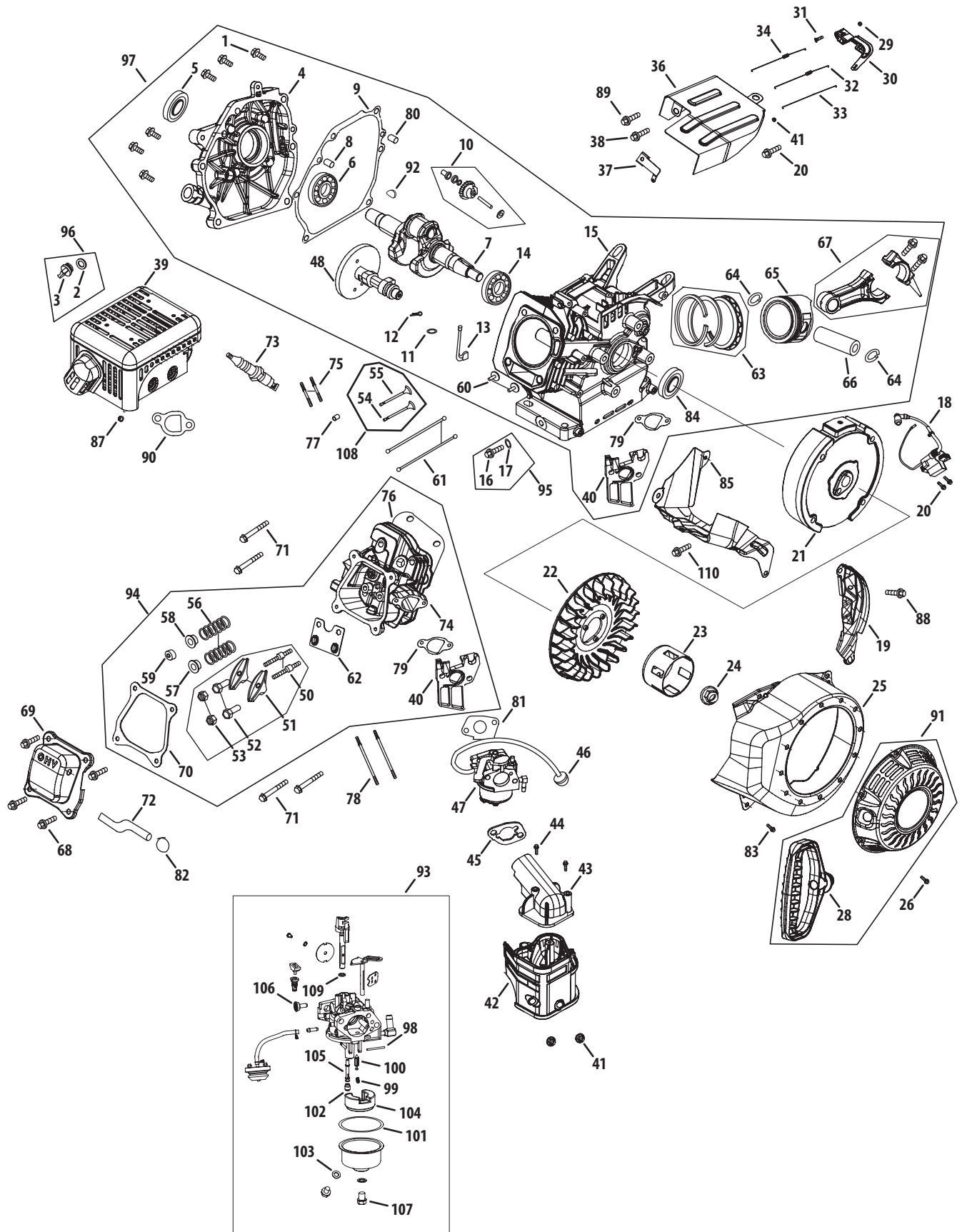


Drive System & Auger Assembly

Ref.	Part Number	Description
1.	751-10487	Fuel Cap
2.	951-10023	Fuel Tank, 2 Qt.
3.	790-00134-0637	Fuel Tank Bracket
4.	747-04236	Fuel Tank Support Wire
5.	726-0205	Hose Clamp, .490
6.	751-10349	Fuel Line Hose
7.	712-04064	Flange Lock Nut, 1/4-20
8.	710-0751	Hex Bolt, 1/4-20 x .620
9.	710-0654A	Screw, 3/8-16 x 1.000
10.	790-00216-0637	Engine Bracket
11.	726-0233	Push Nut, .25 ID x .50 OD
12.	926-0154	Cable Tie, 7.5"
13.	956-0416B	Pulley Half, .625 ID x .225 OD
14.	736-0242	Bell Washer, .340 x .872 x .060
15.	710-0627	Hex Bolt, 5/16-24 x .750
16.	756-04232	Pulley, 1/2 x 6.00
17.	954-0101A	V-Belt
18.	790-00045C-0638	Belt Cover (Red)
—	790-00045C-0709	Belt Cover (Green)
19.	710-0653	Hex Screw, 1/4-20 x .375
20.	710-0896	Hex Screw, 1/4-14 x .625
21.	710-0599	Hex Screw, 1/4-14 x .500
22.	790-00249-0637	Bearing Cup
23.	741-04188A	Ball Bearing, .625 x 37 x 12
24.	712-04063	Flange Lock Nut, 5/16-18

Ref.	Part Number	Description
25.	748-0234	Shoulder Spacer
26.	790-00238A-0637	Idler Bracket
27.	684-04168	Idler Pulley Assembly, 1.917
28.	750-04571	Shoulder Spacer, .280 x .785 x .538
29.	710-0106	Hex Screw, 1/4-20 x 1.25
30.	726-0299	Push Cap, 1/2
31.	738-0924A	Shoulder Screw,
32.	756-0625	Cable Roller
33.	684-04252-0637	Auger Assembly, 21"
34.	750-04757	LH Spacer
35.	750-04758	RH Spacer
36.	710-0642	Hex Screw, 1/4-20 x .750
37.	936-0329	Lock Washer, 1/4
38.	936-0176	Flat Washer, .265 x .938 x .120
39.	932-0357A	Extension Spring, .33 x 1.12
40.	712-0896	Hex Lock Nut, 1/4-28
41.	684-04227-0638	Auger Housing Assembly, 21" (Red)
—	684-04227-0709	Auger Housing Assembly, 21" (Green)
42.	710-0896	Hex Screw, 1/4-14 x .625
43.	735-04033	Rubber Pad
44.	735-04032	Spiral Crescent
45.	734-04070	Wheel, 7 x 1.61
46.	710-0409	Hex Bolt, 5/16-24 x 1.75
47.	936-0119	Lock Washer, 5/16
48.	750-04297B	Spacer, .875 x .320 x 1.027

123cc ZS 161-JWA Engine



Ref. No.	Part No.	Description
1	710-04920	Flange Bolt
8	715-04092	Dowel Pin, 7 x 14
12	714-04074	Governor Arm Clip
16	710-04906	Drain Plug Bolt
17	736-04440	Drain Plug Washer
18	951-10958	Ignition Coil
19	951-11102	Flywheel Baffle
20	710-04919	Flange Bolt
21	951-10908	Flywheel
22	951-10910	Cooling Fan
23	951-10911	Starter Cup
24	712-04209	Nut
25	951-11107	Blower Housing
26	710-04914	Flange Bolt
28	731-05696	Recoil Starter Handle
29	712-04211	Nut
30	951-11106	Governor Arm Bracket
31	710-04908	Bolt
32	951-10954	Throttle Return Spring
33	951-11152	Governor Rod
34	951-10953	Governor Return Spring
36	951-11103	Cover Shield
37	951-11104	Governor Spring Bracket
38	710-04921	Flange Bolt
39	951-10901	Muffler Assembly
41	712-04212	Nut
42	951-10962	Intake Heater Box Base
43	951-10961	Intake Heater Box
44	710-04913	Bolt
46	951-10639	Primer
47	951-10956	Carburetor Assembly
50	710-04902	Pivot Bolt
52	751-11123	Valve Adjusting Nut
53	751-11124	Pivot Locking Nut
61	951-10913	Push Rod Kit
68	710-04916	Bolt
69	951-11054A	Valve Cover
71	710-04922	Bolt
72	731-07059	Breather Hose
73	951-10292	Spark Plug

Ref. No.	Part No.	Description
75	951-10657	Muffler Stud Assembly
77	715-04090	Dowel Pin, 10 x 16
78	710-04909	Carburetor Studs
80	715-04089	Dowel Pin, 9 x 14
82	726-04101	Hose Clamp
83	710-04916	Bolt
85	951-11105	Cylinder Baffle
87	712-04210	Nut
88	710-04918	Flange Bolt
90	951-10959	Muffler Gasket
91	951-10955	Recoil Starter Assembly
92	951-10307	Flywheel Key
96	951-10957	Dipstick Assembly
108	951-10912	Valve Kit
110	710-04928	Bolt
NS	731-05632	Ignition Key
—	951-11095	Crankcase Cover Kit
4	—	Crankcase Cover
9	—	Case Cover Gasket
96	951-10957	Dipstick Assembly
—	951-10951A	Gasket Kit - Complete
5	—	Oil Seal
9	—	Crankcase Cover Gasket
11	—	O-ring, 5.2 x 1.9
45	—	Carburetor Gasket
70	—	Head Cover Gasket
76	—	Cylinder Head Gasket
79	—	Carburetor Insulator Gasket
81	—	Packing
84	—	Oil Seal, 22 x 35 x 7
90	951-10959	Muffler Gasket
95	951-10370	Oil Drain Plug and Washer Assembly
96	951-10957	Dipstick Assembly
—	951-10952A	Gasket Kit - External
70	—	Head Cover Gasket
79	—	Carburetor Insulator Gasket
81	—	Packing
90	951-10959	Muffler Gasket
95	951-10370	Oil Drain Plug and Washer Assembly
96	951-10957	Dipstick Assembly

123cc ZS 161-JWA Engine

Ref. No.	Part No.	Description
—	951-11097	Crankcase Kit
14	—	Bearing
15	—	Crankcase Complete
84	—	Oil Seal
—	951-11096	Crankshaft Kit
6	—	Bearing
7	—	Crankshaft Assembly
14	—	Bearing
92	951-10307	Flywheel Key
93	951-10948	Carburetor Kit - Major
98	—	Float Pin
99	—	Needle Valve Spring
100	—	Needle Valve
101	—	Bowl Gasket
102	—	Main Jet
103	—	Fuel Drain Plug Gasket
104	—	Float
105	—	Main Nozzle
106	—	Idle Speed Adjusting Screw
107	—	O-Ring- Main Cup Bolt
109	—	Throttle Shaft Dust Seal
94	951-10949A	Cylinder Head Assembly
40	—	Carburetor Insulator Plate
50	710-04902	Pivot Bolt
51	—	Rocker Arm
52	751-11123	Valve Adjusting Nut
53	751-11124	Pivot Locking Nut
56	—	Valve Spring
57	—	Intake Valve Spring Seat
58	—	Exhaust Valve Spring Seat
59	—	Exhaust Valve Adjuster
62	—	Push Rod Guide Plate
70	—	Head Cover Gasket
74	—	Cylinder Head - Complete
76	—	Cylinder Head Gasket
77	715-04090	Dowel Pin, 10 x 16
79	—	Carburetor Insulator Gasket
90	951-10959	Muffler Gasket
108	951-10912	Valve Kit

Ref. No.	Part No.	Description
—	951-11063A	Valve Cover Kit
69	951-11054A	Valve Cover
70	—	Valve Cover Gasket
95	951-10370	Oil Drain Plug and Washer Assembly
16	710-04906	Oil Drain Plug
17	736-04440	Oil Drain Plug Washer
97	951-10950A	Short Block Assembly
1	710-04920	Flange Bolt
4	—	Crankcase Cover
5	—	Oil Seal
6	—	Bearing
7	—	Crankshaft Assembly
8	715-04092	Dowel Pin, 7 x 14
9	—	Case Cover Gasket
10	—	Governor Assembly
11	—	O-ring Gov. Shaft
12	714-04074	Pin Lock
13	—	Governor Arm Shaft
14	—	Bearing
15	—	Crankcase Complete
16	710-04906	Oil Drain Plug
17	736-04440	Oil Drain Plug Washer
40	—	Carburetor Insulator Plate
45	—	Heat Pipe Intake Gasket
48	—	Camshaft Assembly
60	—	Valve Lifter
61	951-10913	Push Rod Kit
63	—	Piston Ring Set - Oil
64	—	Piston Pin Clip
65	—	Piston
66	—	Piston Pin
67	—	Connecting Rod Complete
70	—	Head Cover Gasket
76	—	Cylinder Head Gasket
79	—	Carburetor Insulator Plate Gasket
80	715-04089	Dowel Pin
84	—	Oil Seal
90	951-10959	Muffler Gasket
92	951-10307	Flywheel Key
96	951-10957	Dipstick Assembly