

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.

VIEW 1 OF 2



Ref #	Part Number	Qty	Description
1	34708A		Cylinder (Incl. 2, 3 & 6) (2-1/2" Bore)
2	26727		Pin, Dowel
3	27642		Pipe plug, 1/4-18
4	30968		Nipple, Drain, 1/4 x 1-1/2
5	30969		Cap, Oil drain
6	32600		Seal, Oil
7	29314B		Intake Valve (Std.) (Incl. 11)
7	29315C		Intake Valve (1/32" OS) (Incl. 11)
8	29313C		Exhaust Valve (Std.) (Incl. 11)
8	29315C		Exhaust Valve (1/32" OS) (Incl. 11)
9	31671		Valve Spring Cap (Used in early production)
10	31672		Spring, Valve
11	31673		Valve Spring Cap
12	34734A		Crankshaft
13	32323		Washer, Thrust
14A	32538B		Piston & Pin Ass'y.(Std.)(2-1/2")(Incl.16)
14A	32548B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
14A	32549B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
14	34514		Piston, Pin & Ring Set (Std.) (2-1/2" Bore)
14	34515		Piston, Pin & Ring Set (.010" OS)
14	34516		Piston, Pin & Ring Set (.020" OS)
15	28986		Ring Set (Std.) (2-1/2" Bore)
15	28987		Ring Set (.010" OS)
15	28988		Ring Set (.020" OS)
16	20381		Ring, Piston retaining
17	32875		Rod Assy., Connecting (Incl. 18 & 19)
18	32654		Dipper, Oil
19	32610A		Bolt, Connecting rod
20	33149A		Camshaft
21	27241		Lifter, Valve
22	34674A		Cover, Cylinder (Incl. 23, 26, 28 & 30)
23	27897		Seal, Oil
24	27677A		* Gasket, Cylinder cover
25	650488		Screw, 1/4-20 x 1-1/4"
27	35556		Dipstick, Oil
29	35554		Tube, Oil fill
34	30574		Shaft, Mechanical governor
39	29953C		* Gasket, Cylinder head
40	30579A		Head, Cylinder (Incl. 41A)
41A	650694A		Screw, 5/16-18 x 2" (Use as required)
41	650695A		Screw, 5/16-18 x 2-1/4" (Use as required)
41	6021A		Screw, 5/16-18 x 1-1/2" (Use as required)
41	650865		Screw, 5/16-18 x 2" (Use as required)
42	33636		Resistor Spark Plug (J-8C)
43	33344		Baffle, Heat
44	27234A		* Gasket, Valve spring cover (Two required)
45	27666		Breather Body & valve assy.
46	31410		Element, Breather
47	34146		Cover, Valve spring
49	35350		Tube, Breather
50	650128		Screw, 10-24 x 1/2"
51	26754A		* Gasket, Intake to cylinder
52	28416A		Pipe, Intake (Incl. 54)
53	650664		Screw, 1/4-20 x 1-19/32"
54	650840		Screw, 1/4-20 x 1-7/32"

Ref #	Part Number	Qty	Description
55	6201		Screw, 1/4-28 x 7/8"
56	26756		* Gasket, Carburetor to intake
57	29752		Nut & Lockwasher Assy., 1/4-28
58A	730127		Air Cleaner Ass'y. (Incl.56A, 58, 59, 60, 66, 67 & 170) (Use as required)
58A	730164		Air Cleaner Ass'y. (Incl. 56A, 58, 59, 60, 66, 67 & 170A) (Use as required)
58B	31545		Air Cleaner Ass'y. (Incl. 56A, 59A, 60A, 61 & 62) (Use as required)
68B	35539		Clip, Fill tube
69A	730162		Kit, Exhaust adapter (Incl. 69 & 77B) (Use as required) (Not for use on PTO side exhaust)
69	30081A		* Gasket, Muffler
70A	30996		Muffler
77A	650665		Screw, 1/4-15 x 7/8"
77B	650493		Screw, 1/4-20 x 1-3/4"
78	30997		Cover, Muffler
79	31858		Link, Throttle
80	31510		Lever, Governor
81	31335		Clamp, Governor lever
82	650548		Screw, 8-32 x 5/16"
87	33858A		Control Bracket (Incl.88,89,100,101 & 157) NOTE: In original production the speed control assembly is riveted to the blower housing baffle (Ref. #107). Replacement speed control assembly includes screws (Ref. #101)and nuts (Ref. #100) for mounting.
88	31342		Spring, Compression
89	650549		Screw, 5-40 x 7/16"
92	31426		Spring, Extension
99A	35439		Knob, Control
100	30322		Locknut, 8-32 (Use as required)
101	650139		Screw, 8-32 x 1/2" (Use as required)
101	650152		Screw, 8-32 x 3/8" (Use as required)
101	30200		Screw, 10-24 x 9/16" (Use as required )
105	28277		Washer, Flat
106	31334		Rod, Governor
107	33342		Baffle, Blower housing
108A	650701		Screw, 8-18 x 7/16"
108	650561		Screw, 1/4-20 x 5/8"
109	33341		Baffle, Extension
111	34080		Spacer, Flywheel key
112	34443A		Solid State Ass'y.
113	650872		Stud, Solid State mounting
114	650814		Screw, Torx T-15, 10-24 x 1"
115	610961		Flywheel key
116	610118		Cover, Spark plug (Use as required)
117	35557		Wire, Ground
118	611081		Flywheel (w/ring gear)
119A	35656		Housing, Blower
120	570682		Primer Assy.
121	32180C		Line, Primer
122	29212		Screw, 1/4-28 x 7/16"

Ref #	Part Number	Qty	Description
123	650168		Washer
127	34126		Bracket, Grommet mounting
128	650760		Screw, 8-32 x 3/8"
129	28545		Grommet
131	34694		Cup, Starter
132	650815		Washer, Belleville
133	650863		Nut, Flywheel
136A	650884		Screw, 8-32 x 1/2"
137	650128		Screw, 10-24 x 1/2"
138	29745		Extension, Blower housing
139	34212		Bracket, Hold down
140A	650675		Washer, Flat
140	30200		Screw, 10-24 x 9/16"
141	35584		Fuel Tank (Incl. 142 & 156)
142	33032		Cap, Fuel filler (Use as required)
142	410144B		Cap, Fuel filler (Std.) (Use as required)
143	28371B		Fuel Tank Bracket
144	34182		Fuel Tank Bracket
145	650805		Screw, 1/4-20 x 11/16"
146	650665		Screw, 1/4-15 x 7/8"
149	35392		Plug, Starter
154	32961		Valve, Shut-off
155	29774		Fuel Line (Braided, 8-1/4") (Use as required)
155	30705		Fuel Line (Braided, 16") (Use as required)
156	26460		Clamp, Fuel line (Use as required)
157	610973		Terminal Ass'y. (Use as required)
158	28820		Screw, 10-32 x 1/2"
159	32398		Bracket, Choke
160A	650257		Screw, 8-32 x 5/16"
160	650765		Screw, 10-32 x 1/2"
161	34594		Rod, Choke
162	34411		Cover, Carburetor
163B	32204		Bracket, Starter air cleaner (Optional)
163A	32203		Air Cleaner, Starter (Optional)
163C	34870		Decal, Instruction (Optional)
163	730571		Str.Muff Kit(Incl.163A,163B,163C)(Opt.)
194A	631021		Inlet Needle Seat & Clip Assy.
195A	632378		Carburetor (Incl. 56) (Refer to Division 5, Section A, page 198 for breakdown)
197A	590648		Starter, Rewind (Refer to Division 5, Section C, page 34 for breakdown)
198A	33290D		Electric Starter Motor (120 volt) This 120-Volt starter motor kit can be used on those models equipped with electric starter provisions. Refer to Division 5, Section D, Page 16 for breakdown.
200	33233A		* Gasket Set (Incl. items marked *)

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.

VIEW 2 OF 2



OPTIONAL 110 - 120 VOLT  
STARTER MOTOR KIT



396

Ref #	Part Number	Qty	Description
3	27642		Pipe plug, 1/4-18
6	32600		Seal, Oil
7	29314B		Intake Valve (Std.) (Incl. 11)
7	29315C		Intake Valve (1/32" OS) (Incl. 11)
8	29313C		Exhaust Valve (Std.) (Incl. 11)
8	29315C		Exhaust Valve (1/32" OS) (Incl. 11)
9	31671		Valve Spring Cap (Used in early production)
10	31672		Spring, Valve
11	31673		Valve Spring Cap
12	34734A		Crankshaft
13	32323		Washer, Thrust
14A	32538B		Piston & Pin Ass'y.(Std.)(2-1/2")(Incl.16)
14A	32548B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
14A	32549B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
16	20381		Ring, Piston retaining
17	32875		Rod Assy., Connecting (Incl. 18 & 19)
18	32654		Dipper, Oil
21	27241		Lifter, Valve
22	34674A		Cover, Cylinder (Incl. 23, 26, 28 & 30)
24	27677A		* Gasket, Cylinder cover
28	35499		"O" Ring
29	35554		Tube, Oil fill
34	30574		Shaft, Mechanical governor
35	35479		Washer, Flat
36	30591		Gear Assy., Governor (Incl. 35)
37	29193		Ring, Retaining
38	30588A		Spool, Governor
39	29953C		* Gasket, Cylinder head
41A	650694A		Screw, 5/16-18 x 2" (Use as required)
44	27234A		* Gasket, Valve spring cover (Two required)
47	34146		Cover, Valve spring
51	26754A		* Gasket, Intake to cylinder
52	28416A		Pipe, Intake (Incl. 54)
53	650664		Screw, 1/4-20 x 1-19/32"
54	650840		Screw, 1/4-20 x 1-7/32"
55	6201		Screw, 1/4-28 x 7/8"
56	26756		* Gasket, Carburetor to intake
57	29752		Nut & Lockwasher Assy., 1/4-28
58B	31545		Air Cleaner Ass'y. (Incl. 56A, 59A, 60A, 61 & 62) (Use as required)
58A	730127		Air Cleaner Ass'y. (Incl.56A, 58, 59, 60, 66, 67 & 170) (Use as required)
58A	730164		Air Cleaner Ass'y. (Incl. 56A, 58, 59, 60, 66, 67 & 170A) (Use as required)
68B	35539		Clip, Fill tube
69A	730162		Kit, Exhaust adapter (Incl. 69 & 77B) (Use as required) (Not for use on PTO side exhaust)
70A	30996		Muffler
77B	650493		Screw, 1/4-20 x 1-3/4"
77A	650665		Screw, 1/4-15 x 7/8"
78	30997		Cover, Muffler
79	31858		Link, Throttle

Ref #	Part Number	Qty	Description
87	33858A		Control Bracket (Incl.88,89,100,101 & 157) NOTE: In original production the speed control assembly is riveted to the blower housing baffle (Ref. #107). Replacement speed control assembly includes screws (Ref. #101)and nuts (Ref. #100) for mounting.
88	31342		Spring, Compression
98	33857		Spring Assy., Extension (Incl. 98A)
99A	35439		Knob, Control
105	28277		Washer, Flat
106	31334		Rod, Governor
107	33342		Baffle, Blower housing
108A	650701		Screw, 8-18 x 7/16"
108	650561		Screw, 1/4-20 x 5/8"
109	33341		Baffle, Extension
111	34080		Spacer, Flywheel key
112	34443A		Solid State Ass'y.
113	650872		Stud, Solid State mounting
114	650814		Screw, Torx T-15, 10-24 x 1"
115	610961		Flywheel key
116	610118		Cover, Spark plug (Use as required)
117	35557		Wire, Ground
119A	35656		Housing, Blower
121	32180C		Line, Primer
122	29212		Screw, 1/4-28 x 7/16"
123	650168		Washer
128	650760		Screw, 8-32 x 3/8"
129	28545		Grommet
131	34694		Cup, Starter
136A	650884		Screw, 8-32 x 1/2"
138	29745		Extension, Blower housing
139	34212		Bracket, Hold down
140A	650675		Washer, Flat
140	30200		Screw, 10-24 x 9/16"
141	35584		Fuel Tank (Incl. 142 & 156)
142	33032		Cap, Fuel filler (Use as required)
142	410144B		Cap, Fuel filler (Std.) (Use as required)
143	28371B		Fuel Tank Bracket
144	34182		Fuel Tank Bracket
145	650805		Screw, 1/4-20 x 11/16"
146	650665		Screw, 1/4-15 x 7/8"
149	35392		Plug, Starter
154	32961		Valve, Shut-off
155	29774		Fuel Line (Braided, 8-1/4") (Use as required)
155	30705		Fuel Line (Braided, 16") (Use as required)
156	26460		Clamp, Fuel line (Use as required)
157	610973		Terminal Ass'y. (Use as required)
158	28820		Screw, 10-32 x 1/2"
159	32398		Bracket, Choke
160	650765		Screw, 10-32 x 1/2"
160A	650257		Screw, 8-32 x 5/16"
161	34594		Rod, Choke
162	34411		Cover, Carburetor
163	730571		Str.Muff Kit(Incl.163A,163B,163C)(Opt .)
163A	32203		Air Cleaner, Starter (Optional)

Ref #	Part Number	Qty	Description
163B	32204		Bracket, Starter air cleaner (Optiona l)
163C	34870		Decal, Instruction (Optional)
194A	631021		Inlet Needle Seat & Clip Assy.
195A	632378		Carburetor (Incl. 56) (Refer to Division 5, Section A, page 198 for breakdown)
197A	590648		Starter, Rewind (Refer to Division 5, Section C, page 34 for breakdown)
198A	33290D		Electric Starter Motor (120 volt) This 120-Volt starter motor kit can be used on those models equipped with electric starter provisions. Refer to Division 5, Section D, Page 16 for breakdown.
200	33233A		* Gasket Set (Incl. items marked *)