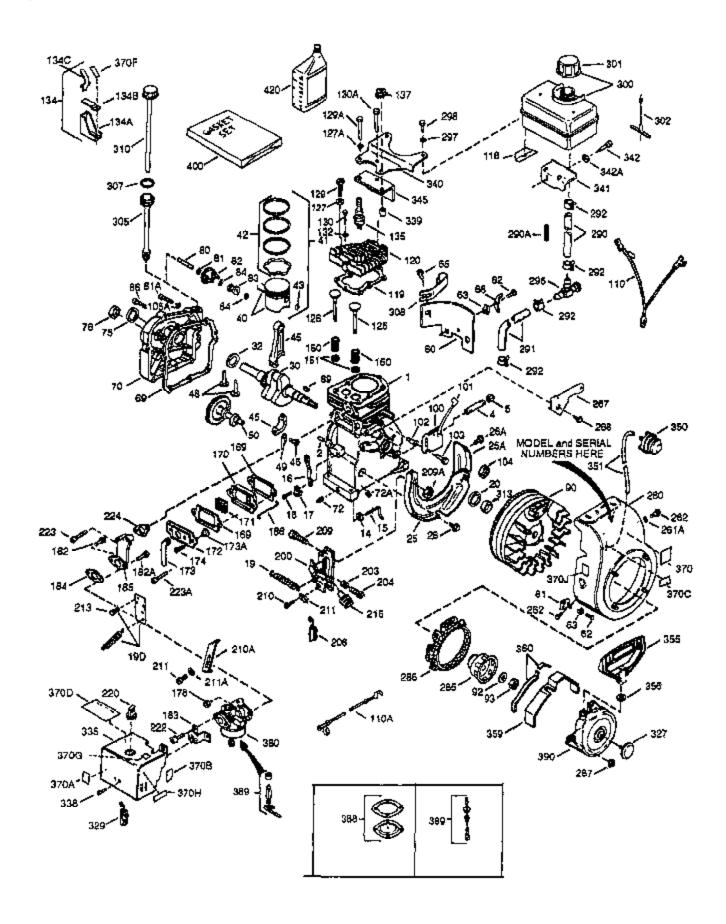
ILLUSTRATION SHOWS TYPICAL PARTS ONLY, ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY DEM

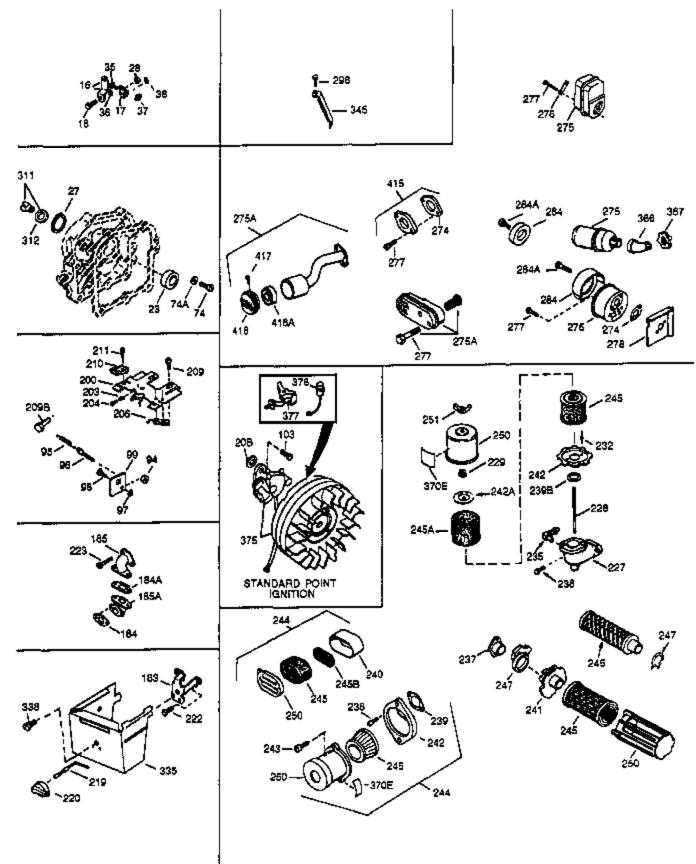


	Part Number Qty	
1	35094A	Cylinder (CI liner)(Incl.1A,2,3 & 6)(2-1/2")
1A	34836	Bushing, Cylinder
	26727	Pin, Dowel
	27642	Pipe plug, 1/4-18
	32600	
		Seal, Oil
	29314B	Intake Valve (Std.) (Incl. 11)
	29315C	Intake Valve (1/32" OS) (Incl. 11)
	29313C	Exhaust Valve (Std.) (Incl. 11)
8	34776	Exhaust Valve (Std.) (Incl. 11)
8	34777	Exhaust Valve (1/32" OS) (Incl. 11)
9	31671	Valve Spring Cap (Used in early production)
	31672	Spring, Valve
	31673	Valve Spring Cap
	35121	Crankshaft (Incl. 23)
	32538B	Piston & Pin Ass'y.(Std.)(2-1/2")(Inc I.16)
	32548B	Piston & Pin Ass'y. (.010" OS) (Incl. 16)
	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)
	28986	Ring Set (Std.) (2-1/2" Bore)
	28987	Ring Set (.010" OS)
	28988	Ring Set (.020" OS)
	20381	Ring, Piston retaining
	32875	Rod Assy., Connecting (Incl. 18 & 19)
	32654	Dipper, Oil
19	32610A	Bolt, Connecting rod
20	32197A	Camshaft (MCR)
21	27241	Lifter, Valve
	30756B	Cover, Cylinder (Incl. 23, 26, 28 & 3 4) (BB)
	27677A	* Gasket, Cylinder cover
	650488	Screw, 1/4-20 x 1-1/4"
	27625	
		Plug, Oil fill (Incl. 28)
	30574	Shaft, Mechanical governor
	29953C	* Gasket, Cylinder head
	30579A	Head, Cylinder (Incl. 41A)
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 requi red)
41	650865	Screw, 5/16-18 x 2" (Use as required)
	650694A	Screw, 5/16-18 x 2" (Use as required)
	33636	Resistor Spark Plug (J-8C)
	33344	
		Baffle, Heat
	27234A	* Gasket, Valve spring cover (Two requi red)
	27666	Breather Body & valve assy.
	31410	Element, Breather
47	34146	Cover, Valve spring
48	32446	Grommet, Breather tube
	32447	Tube, Breather
	650128	Screw, 10-24 x 1/2"
	26754A	* Gasket, Intake to cylinder
	28416A	Pipe, Intake (Incl. 54)
	650664	Screw, 1/4-20 x 1-19/32"
	650840	Screw, 1/4-20 x 1-7/32"
55	6201	Screw, 1/4-28 x 7/8"
56	26756	* Gasket, Carburetor to intake
56A	27272A	* Gasket, Carburetor to air cleaner

	Part Number 730127	Qty	Description 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)
	30081A 730162		* Gasket, Muffler Kit, Exhaust adapter (Incl. 69 & 77B) (Use as required) (Not for use on PTO side exhaust)
77B 79 80 81 82	30996 650493 31858 31510 31335 650548 33858A		Muffler Screw, 1/4-20 x 1-3/4" Link, Throttle Lever, Governor Clamp, Governor lever Screw, 8-32 x 5/16" 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.
89 92 100 101 101 105 106 107 108 108 108 108 109 111 112 113 114 115 116 117 118	31342 650549 31426 30322 650139 650152 30200 28277 31334 33342 650561 650701 33341 34080 34443A 650872 650814 610961 610118 35182 611080 33663C		Spring, Compression Screw, 5-40 x 7/16" Spring, Extension Locknut, 8-32 (Use as required) Screw, 8-32 x 1/2" (Use as required) Screw, 8-32 x 3/8" (Use as required) Screw, 10-24 x 9/16" (Use as required) Washer, Flat Rod, Governor Baffle, Blower housing Screw, 1/4-20 x 5/8" Screw, 8-18 x 7/16" Baffle, Extension Spacer, Flywheel key Solid State Ass'y. Stud, Solid State mounting Screw, Torx T-15, 10-24 x 1" Flywheel key Cover, Spark plug (Use as required) Ground Wire Ass'y. Flywheel Housing, Blower NOTE: In original production, the starter may be riveted to theblower housing. If the starter or blower housing needs replacement, the other may need holes used for pop rivetingenlarged to use standard mounting hardware. Order 4 nuts (#29752) required to mount starter to replaceme
123 124 125 130 131 132 136B	29212 650168 650890 30747 35185 34694 650815 29752 650128		Screw, 1/4-28 x 7/16" Washer Lockwasher, 5/16 Clip, Spark plug shorting Screen, Starter Cup, Starter Washer, Belleville Nut & Lockwasher Assy., 1/4-28 Screw, 10-24 x 1/2"

		/ Description
138	29745	Extension, Blower housing
139	34212	Bracket, Hold down
140	30200	Screw, 10-24 x 9/16"
141	34156A	Fuel Tank (Incl. 142 & 156) NOTE: These tanks were built
		with different size fuel inlet openings. Tanks with the 1-3/16"
		I.D. opening use fuel cap 33032 or 34210. Tanks with the
		1-1/2" I.D. opening use fuel cap 35355.
	00000	
	33032	Cap, Fuel filler (Use as required)
	410144B	Cap, Fuel filler (Std.) (Use as requi red)
	34183A	Plate, Fuel tank mounting
	34182	Fuel Tank Bracket
	650561	Screw, 1/4-20 x 5/8"
	650665	Screw, 1/4-15 x 7/8"
	28212	Spacer, Tank bracket (Not used in all models)
	650691	Washer, Flat
	29774	Fuel Line (Braided, 8-1/4") (Use as r equired)
	30705	Fuel Line (Braided, 16") (Use as required)
	26460	Clamp, Fuel line (Use as required)
	610973	Terminal Ass'y. (Use as required)
	34594	Rod, Choke
	32203	Air Cleaner, Starter (Optional)
	730571	Str.Muff Kit(Incl.163A,163B,163C)(Opt .)
	34870	Decal, Instruction (Optional)
	32204	Bracket, Starter air cleaner (Optiona I)
	34783	Filter, Pre-air
	34782	Element Assy., Air cleaner (Incl. 176)
169		Pop Rivet (1/8" dia.) (Purchase local ly)
	34699	Bracket, Air cleaner
	34698A	Gasket, Air cleaner elbow
	30675	Fitting, Breather
	35071	Elbow Assy., Air cleaner (Incl.170,17 1,175)
	31431	Elbow, Air cleaner
	650163	Screw, 10-32 x 7/8"
175	650826	Stud, 1/4-20
176	650825	Nut & Lockwasher, 1/4-20
177	34701	Bracket, Air cleaner
178	34781	Cover, Air cleaner
190F	35344	Decal, Instruction
	34704	Decal, Air cleaner
	34346	Decal, Instruction
194A	631021	Inlet Needle Seat & Clip Assy.
195A	632229	Carburetor (Incl. 56) (Refer to Division 5, Section A, page 182
		for breakdown)
107	590420	Starter, Rewind In original production, the starter may be
157	000-120	riveted to the blowerhousing. If the starter or blower housing
		needs replacement, the other may need holes used for pop
		riveting enlargedto use standard mounting hardware. Order 4
		nuts (29752) required to mount starter to replacement blower
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	breakdown. * Gasket Set (Incl. items marked *)



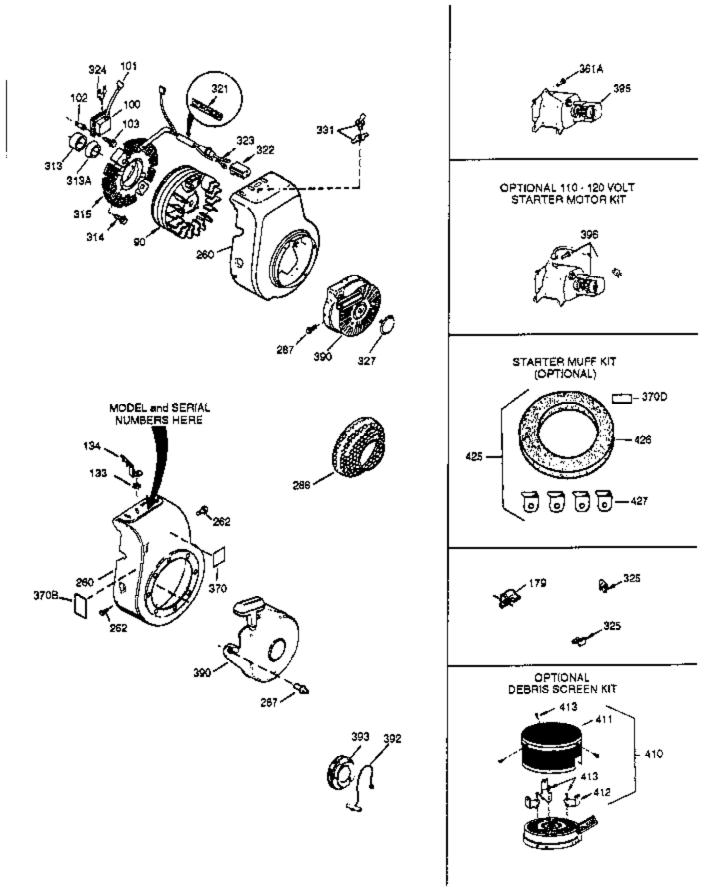


Ref #	Part Number	Qty	Description
1A	34836		Bushing, Cylinder
3	27642		Pipe plug, 1/4-18
6	32600		Seal, Oil
	29314B		Intake Valve (Std.) (Incl. 11)
7	29315C		Intake Valve (1/32" OS) (Incl. 11)
	29313C		Exhaust Valve (Std.) (Incl. 11)
	34776		Exhaust Valve (Std.) (Incl. 11)
	34777		Exhaust Valve (1/32" OS) (Incl. 11)
	31671		Valve Spring Cap (Used in early production)
	31672		Spring, Valve
	31673		Valve Spring Cap
	35121		Crankshaft (Incl. 23)
	32538B		Piston & Pin Ass'y.(Std.)(2-1/2")(Inc I.16)
	32548B		
	32549B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
			Piston & Pin Ass'y. (.020" OS) (Incl. 16)
	20381		Ring, Piston retaining
	32875		Rod Assy., Connecting (Incl. 18 & 19)
	32654		Dipper, Oil
	27241		Lifter, Valve
	30756B		Cover, Cylinder (Incl. 23, 26, 28 & 3 4) (BB)
	28540		Seal, Oil
	27677A		* Gasket, Cylinder cover
	29673		* Gasket, Oil fill plug
	30574		Shaft, Mechanical governor
	35479		Washer, Flat
	30591		Gear Assy., Governor (Incl. 35)
	29193		Ring, Retaining
	30588A		Spool, Governor
	29953C		* Gasket, Cylinder head
	650694A		Screw, 5/16-18 x 2" (Use as required)
	27234A		* Gasket, Valve spring cover (Two required)
	34146		Cover, Valve spring
	26754A		* Gasket, Intake to cylinder
	28416A		Pipe, Intake (Incl. 54)
	650664		Screw, 1/4-20 x 1-19/32"
	650840		Screw, 1/4-20 x 1-7/32"
	6201		Screw, 1/4-28 x 7/8"
	26756		* Gasket, Carburetor to intake
	27272A		* Gasket, Carburetor to air cleaner
	29752		Nut & Lockwasher Assy., 1/4-28
58B	31545		Air Cleaner Ass'y. (Incl. 56A, 59A, 60A, 61 & 62) (Use as
			required)
584	730127		Air Cleaner Ass'y. (Incl.56A, 58, 59, 60, 66, 67 & 170) (Use
00/1	100121		as required)
			• •
58A	730164		Air Cleaner Ass'y. (Incl. 56A, 58, 59, 60, 66, 67 & 170A)
			(Use as required)
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"
79	31858		Link, Throttle

	Part Number Qty 33858A	/ Description Control Bracket (Incl.88,89,100,101 & 157) NOTE: In
01		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
	33857	Spring Assy., Extension (Incl. 98A)
	28277	Washer, Flat
	31334	Rod, Governor
	33342	Baffle, Blower housing
	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	35182	Ground Wire Ass'y.
122	29212	Screw, 1/4-28 x 7/16"
123	650168	Washer
124	650890	Lockwasher, 5/16
131	34694	Cup, Starter
136B	29752	Nut & Lockwasher Assy., 1/4-28
138	29745	Extension, Blower housing
139	34212	Bracket, Hold down
140	30200	Screw, 10-24 x 9/16"
141	34156A	Fuel Tank (Incl. 142 & 156) NOTE: These tanks were built with different size fuel inlet openings. Tanks with the 1-3/16' I.D. opening use fuel cap 33032 or 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355.
		1-1/2 1.D. Opening use ruel cap 55555.
142	33032	Cap, Fuel filler (Use as required)
142	410144B	Cap, Fuel filler (Std.) (Use as requi red)
143	34183A	Plate, Fuel tank mounting
144	34182	Fuel Tank Bracket
145	650561	Screw, 1/4-20 x 5/8"
146	650665	Screw, 1/4-15 x 7/8"
147	28212	Spacer, Tank bracket (Not used in all models)
	29774	Fuel Line (Braided, 8-1/4") (Use as r equired)
	30705	Fuel Line (Braided, 16") (Use as requ ired)
	26460	Clamp, Fuel line (Use as required)
	610973	Terminal Ass'y. (Use as required)
	34594	Rod, Choke
	730571	Str.Muff Kit(Incl.163A,163B,163C)(Opt .)
	32203	Air Cleaner, Starter (Optional)
	32204	Bracket, Starter air cleaner (Optiona I)
	34870	Decal, Instruction (Optional)
	34783	Filter, Pre-air
	34782	Element Assy., Air cleaner (Incl. 176)
	650826	Stud, 1/4-20
	650825	Nut & Lockwasher, 1/4-20
	34701	Bracket, Air cleaner
	34704	Decal, Air cleaner
	35344	Decal, Instruction
1000	34346	Decal, Instruction
	631021	Inlet Needle Seat & Clip Assy.

Ref #	Part Number	Qtv	Description
	632229		Carburetor (Incl. 56) (Refer to Division 5, Section A, page 182 for breakdown)
197	590420		Starter, Rewind In original production, the starter may be riveted to the blowerhousing. If the starter or blower housing needs replacement, the other may need holes used for pop riveting enlargedto use standard mounting hardware. Order 4 nuts (29752) required to mount starter to replacement blower
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 CEM.



		y Description
1A	34836	Bushing, Cylinder
	27642	Pipe plug, 1/4-18
	32600	Seal, Oil
	29314B	Intake Valve (Std.) (Incl. 11)
	29315C	
		Intake Valve (1/32" OS) (Incl. 11)
	29313C	Exhaust Valve (Std.) (Incl. 11)
	34776	Exhaust Valve (Std.) (Incl. 11)
8	34777	Exhaust Valve (1/32" OS) (Incl. 11)
9	31671	Valve Spring Cap (Used in early produ ction)
	31672	Spring, Valve
	31673	Valve Spring Cap
	35121	Crankshaft (Incl. 23)
	32538B	Piston & Pin Ass'y.(Std.)(2-1/2")(Inc I.16)
	32548B	Piston & Pin Ass'y. (.010" OS) (Incl. 16)
	32549B	Piston & Pin Ass'y. (.020" OS) (Incl. 16)
21	27241	Lifter, Valve
22	30756B	Cover, Cylinder (Incl. 23, 26, 28 & 3 4) (BB)
	27677A	* Gasket, Cylinder cover
	30574	Shaft, Mechanical governor
	29953C	* Gasket, Cylinder head
	650694A	Screw, 5/16-18 x 2" (Use as required)
	27234A	* Gasket, Valve spring cover (Two requi red)
47	34146	Cover, Valve spring
51	26754A	* Gasket, Intake to cylinder
52	28416A	Pipe, Intake (Incl. 54)
	650664	Screw, 1/4-20 x 1-19/32"
	650840	Screw, 1/4-20 x 1-7/32"
	6201	Screw, 1/4-28 x 7/8"
	27272A	* Gasket, Carburetor to air cleaner
	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)
505	04545	
58B	31545	Air Cleaner Ass'y. (Incl. 56A, 59A, 60A, 61 & 62) (Use as
		required)
CO 4	700400	Kit Euler wat adapter (loal CO 9, ZZD) (llas as required) (Net
69A	730162	Kit, Exhaust adapter (Incl. 69 & 77B) (Use as required) (Not
		for use on PTO side exhaust)
704	30996	Muffler
	650493	Screw, 1/4-20 x 1-3/4"
	31858	Link, Throttle
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
	30322	Locknut, 8-32 (Use as required)
	650139	Screw, 8-32 x 1/2" (Use as required)
	650152	Screw, $8-32 \times 1/2$ (Use as required) Screw, $8-32 \times 3/8$ " (Use as required)
	30200	Screw, 10-24 x 9/16" (Use as required)
	28277	Washer, Flat
	31334	Rod, Governor
107	33342	Baffle, Blower housing
		· · · · · · · · · · · · · · · · · · ·

		Description
	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
	34443A	Solid State Ass'y.
	650872	Stud, Solid State mounting
	650814	Screw, Torx T-15, 10-24 x 1"
	610961	Flywheel key
	610118	Cover, Spark plug (Use as required)
	35182	
		Ground Wire Ass'y.
	29212	Screw, 1/4-28 x 7/16"
	650168	Washer
	650890	Lockwasher, 5/16
	34694	Cup, Starter
133	650816	Nut, Flywheel
136B	29752	Nut & Lockwasher Assy., 1/4-28
138	29745	Extension, Blower housing
139	34212	Bracket, Hold down
	30200	Screw, 10-24 x 9/16"
	34156A	Fuel Tank (Incl. 142 & 156) NOTE: These tanks were built
171	04100/N	with different size fuel inlet openings. Tanks with the 1-3/16"
		I.D. opening use fuel cap 33032 or 34210. Tanks with the
		1-1/2" I.D. opening use fuel cap 35355.
142	33032	Cap, Fuel filler (Use as required)
	410144B	Cap, Fuel filler (Std.) (Use as required)
	34183A	Plate, Fuel tank mounting
	34182	Fuel Tank Bracket
	650561	
		Screw, 1/4-20 x 5/8"
	650665	Screw, 1/4-15 x 7/8"
	28212	Spacer, Tank bracket (Not used in all models)
	29774	Fuel Line (Braided, 8-1/4") (Use as r equired)
	30705	Fuel Line (Braided, 16") (Use as requ ired)
156	26460	Clamp, Fuel line (Use as required)
157	610973	Terminal Ass'y. (Use as required)
161	34594	Rod, Choke
163A	32203	Air Cleaner, Starter (Optional)
	32204	Bracket, Starter air cleaner (Óptiona I)
	34870	Decal, Instruction (Optional)
	730571	Str.Muff Kit(Incl.163A,163B,163C)(Opt .)
	34783	Filter, Pre-air
	34782	
		Element Assy., Air cleaner (Incl. 176)
	650826	Stud, 1/4-20
	650825	Nut & Lockwasher, 1/4-20
	34701	Bracket, Air cleaner
	650513	Nut, Wing, 1/4-20
	35344	Decal, Instruction
190C	34346	Decal, Instruction
190A	34704	Decal, Air cleaner
	631021	Inlet Needle Seat & Clip Assy.
	632229	Carburetor (Incl. 56) (Refer to Division 5, Section A, page 182
100/1		for breakdown)
197	590420	Starter, Rewind In original production, the starter may be riveted to the blowerhousing. If the starter or blower housing needs replacement, the other may need holes used for pop riveting enlargedto use standard mounting hardware. Order 4 nuts (29752) required to mount starter to replacement blower

Ref # Part Number	Ot / Description
	Qty Description
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.