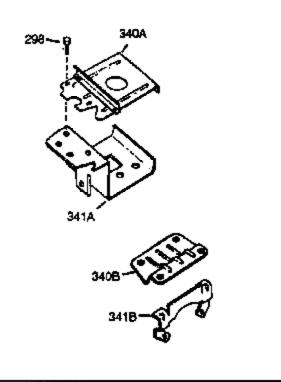
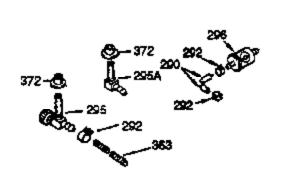


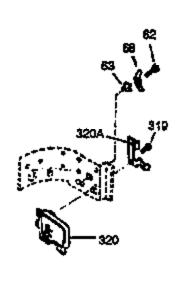
Ref #	Part Number Qt	y Description
	34096C	Cylinder (CI liner)(3-5/16")(Incl.2,20,41,43,72 & 119)
	27652	Pin, Dowel
	30699C	Rod Assy., Governor (Incl. 15A & 15B)
	30700	Yoke, Governor
	650494	Screw, 6-40 x 5/16"
	33454	Governor Lever Assy.
17	29916	Clamp, Governor lever
18	650548	Screw, 8-32 x 5/16"
	32630	Seal, Oil
	35256A	Blower Housing Baffle (With electric starter knockout) (Use
20	30233, T	as required)
25	29536	Blower Housing Baffle (Without electric starter knockout)
		(Use as required)
26	650561	Screw, 1/4-20 x 5/8"
30	33365B	Crankshaft (Incl. 108 & 109)
	29826	Screw, 10-32 x 3/4"
	29918	Lockwasher, #8 E.T.
	30322	Nut & Lockwasher, 8-32
		·
	29216	Locknut, 10-32
	29642	Ring, Retaining
	34543	Piston, Pin & Ring Set (Std.) (3-3/16 ")
40	34544	Piston, Pin & Ring Set (.010" OS)
40	34545	Piston, Pin & Ring Set (.020" OS)
41	34031B	Piston & Pin Ass'y. (Std.)(3-3/16")(I ncl.43)
	34032B	Piston & Pin Ass'y. (.010" OS) (Incl. 43)
	34033B	Piston & Pin Ass'y. (.020" OS) (Incl. 43)
	34037	
		Ring Set (Std.) (3-3/16" Bore)
	34038	Ring Set (.010" OS)
	34039	Ring Set (.020" OS)
	27888	Ring, Piston Pin retaining
45	32591C	Rod Assy., Connecting (Incl. 46, 47 & 49)
46	650662C	Bolt, Connecting rod (2 pieces)
47	650662C	Bolt, Connecting rod (2 pieces)
	34034	Lifter, Valve
	34242	Dipper, Oil
	34143	Camshaft (MCR)
	33273A	Extension, Blower housing
	34126	Bracket, Grommet mounting
	650760	Screw, 8-32 x 3/8"
63	28545	Grommet, Plastic
65	650128	Screw, 10-24 x 1/2"
	35262	* Gasket, Flange
	33367B	Cover, Cylinder (Incl. 71, 75 & 80)
	33368	Bushing, Crankshaft
	27642	Plug, Oil drain
	31950	Seal, Oil
80	31845	Shaft, Mechanical governor
81	30590A	Washer, Flat
82	30591	Gear Assy., Governor (Incl. 81)
	30588A	Spool, Governor
	29193	Ring, Retaining
	650833	Screw, 1/4-20 x 1-3/16 (Use as required)
	650832	Screw, 1/4-20 x 1-11/16" (Use as requ ired)
	32589	Key, Flywheel
92	650815	Washer, Belleville
93	8116	Nut, Hex
	610118	Cover, Spark plug
.51	<del></del>	

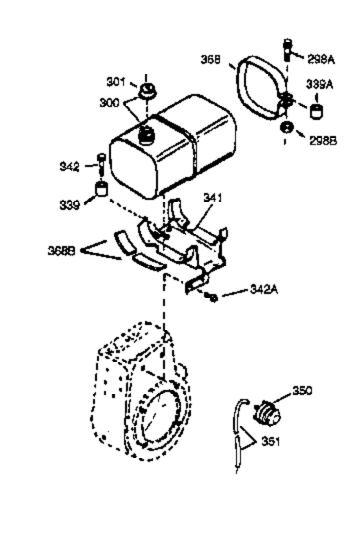
D.(#	Death are an are	Designation
		Description
	650489	Screw, 1/4-20 x 5/8"  Dia Crapkahaft gaar (Only can isaable when gaar is pinned
106	29783	Pin, Crankshaft gear (Only serviceable when gear is pinned
		to crank.)
109	33245	Gear, Crankshaft
110	34240	Ground Wire
119	34041A	* Gasket, Cylinder head
	34030A	Head, Cylinder
	27878A	Exhaust Valve (Std.) (Incl. 151)
	27880A	Exhaust Valve (1/32" OS) (Incl. 151)
	34035	Intake Valve (Std.) (Incl. 151)
	34036	Intake Valve (1/32" OS) (Incl. 151)
	650691	Washer (Do not use with No. 6021A scr ew.)
	650690	Washer, Belleville (Use as required)
	650727	Screw, 5/16-18 x 1-3/4 (Use as required)
	6021A	Screw, 5/16-18 x 1-1/2" (Use as required, but do notuse No.
150	00217	650691 washer.)
		030091 Washer.)
130	650711	Screw, 5/16-18 x 1-5/8 " (Use as required) (Can use 6021A
		but discard 650691 washer.)
130	650694A	Screw, 5/16-18 x 2" (Use as required)
	650713	Screw, 5/16-18 x 5/8"
	650737	Screw, 1/4-20 x 1/2" (Use as required )
	650738	Screw, 1/4-20 x 1/2 (Ose as required) Screw, 1/4-20 x 5/8 (Use as required)
	650890	Washer, Internal Lock
	33636	
		Resistor Spark Plug
	33369	Bracket, Governor gear
	650836	Screw, 10-24 x 1/2"
	27882	Cap, Upper valve spring
	27881	Spring, Valve
	32581	Cap, Lower valve spring
	27896A	* Gasket, Breather
	28423	Body, Breather
	28424	Element, Breather
	28425	Cover, Breather
	35350	Tube, Breather
	650128	Screw, 10-24 x 1/2"
	29752	Nut & Lockwasher, 1/4-28
	30088A	Screw, 1/4-28 x 1"
	33263	* Gasket, Carburetor
	33877	Pipe, Intake
	33371	Link, Governor lever
	31342	Spring, Compression
	650549	Screw, 5-40 x 7/16"
	610973	Terminal Assy.
	33878	Link, Governor lever-to-throttle
	27793	Clip, Conduit
	28942	Screw, 10-32 x 3/8"
222A		Pop Rivet (Can be purchased locally)
	650378	Screw, Torx T-30, 5/16-18 x 1-1/8"
	27915A	* Gasket, Intake pipe
	34145	Blower Housing (For electric starter)
	650788	Screw, 5/16-18 x 3/4"
	29747B	Screw, 5/16-24 x 21/32"
	33272B	Cover, Cylinder head
275	33280A	Muffler
276	31588	Plate, Muffler locking
276	35741	Plate, Muffler locking

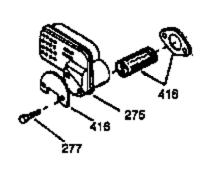
Ref #	Part Number	Qty	Description
	650729		Screw, 5/16-18 x 3-3/16" (Use as requ ired)
277	651002		Screw, 5/16-18 x 4-1/4" (Use as requi red)
281	33013		Cover, Starter bubble
282	650760		Screw, 8-32 x 7/16"
285A	33662		Hub & Screen Assy.
287	29752		Nut, 1/4-28
290	29774		Fuel Line (Braided 8-1/4")(21cm)(As r equired)
	30962		Fuel Line (Braided 32")(80cm)(As required)
	30705		Fuel Line (Braided 16")(40cm)(As required)
	26460		Fuel Line Clamp (Use as required)
	32961		Valve, Fuel shut-off
	650665		Screw, 1/4-15 x 7/8"
300	34156A		Fuel Tank (Incl. 292 & 301) NOTE: These tanks were
			builtwith different size fuel inlet openings. Tanks with the
			1-3/16" I.D. opening use fuel cap 34210. Tanks with the
			1-1/2" I.D. opening use fuel cap 35355.
301A	410144B		Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"
			I.D.)
301Δ	33032		Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as
30 IA	33032		required) (1.5" I.D.)
			• • • • • • • • • • • • • • • • • • • •
301A	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use
			as required) (1.5" I.D.)
301A	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
306	29673		* Gasket, Oil filler
310	31297		Dipstick (Incl. 307)
336	650765		Screw, 10-32 x 1/2"
337	34140		Cover, Carburetor
	28942		Screw, Sems 10-32 x 3/8"
	31291		Plug, Cover
	34154		Plate, Upper fuel tank mtg.
	34155		Bracket, Lower fuel tank mtg.
	650561		Screw, 1/4-20 x 5/8"
	34141		Guard, Starter
	32576		Seal, Snow Guard
	650767		Screw, 8-32 x 27/64"
	550223		Decal, Name
	34144		Decal, Primer
	34415		Decal, Instruction
	34346 35374		Decal, Instruction
	35274 631021		Decal, Instruction
	631917		Inlet Needle, Seat & Clip Assy.  Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A,
300	001817		page 138 for breakdown or Grid E-1)
			,
	33279G		* Gasket Set (Incl. items marked *)
	730225		SAE 30 4-Cycle Engine Oil (Quart)
	730226		SAE 5W30 4-Cycle Engine Oil (Quart)
422	35824		Muffler Optional

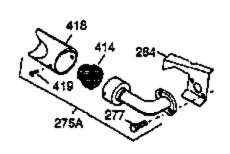


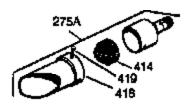


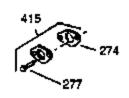




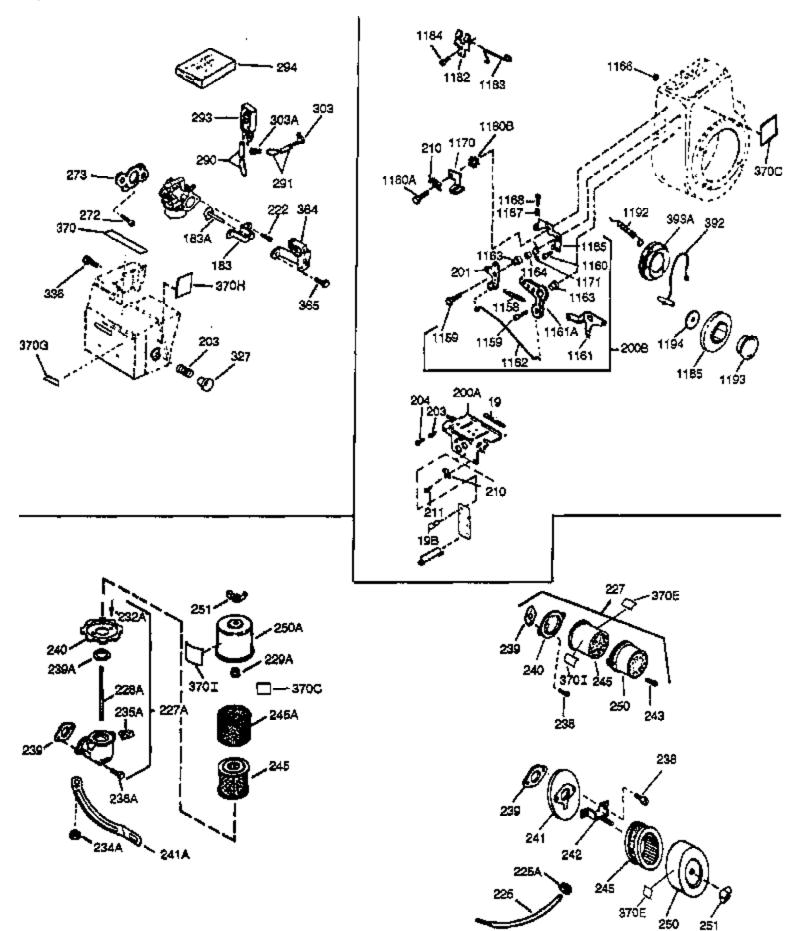




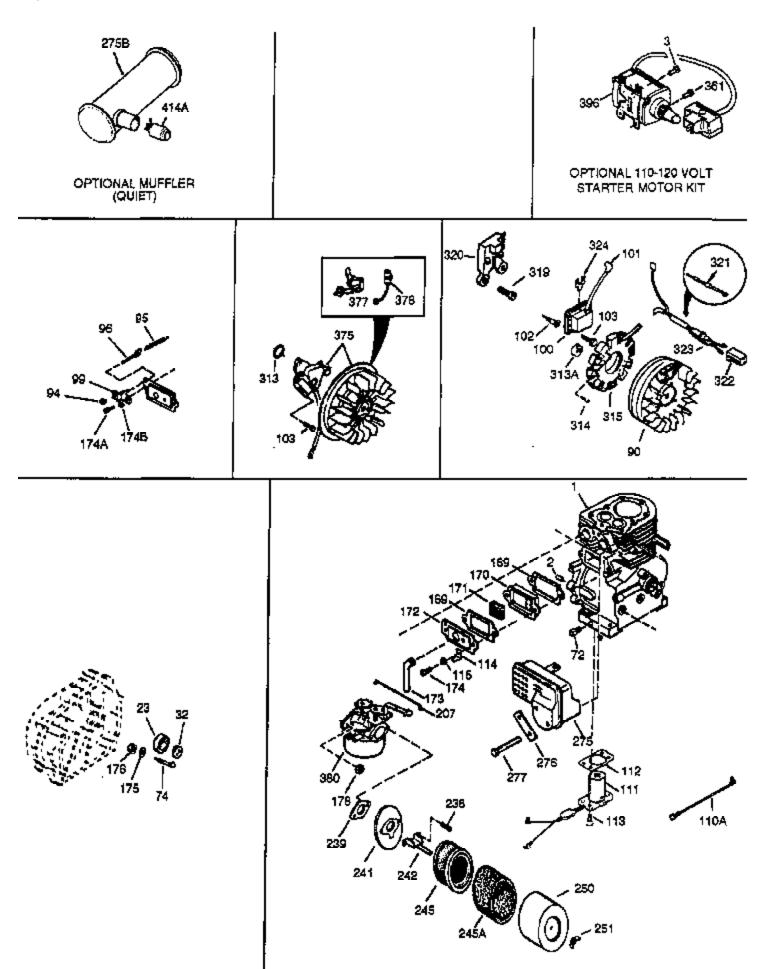




Ref #	Part Number	Qtv	Description
	30322	,	Nut & Lockwasher, 8-32
62	650760		Screw, 8-32 x 3/8"
63	28545		Grommet, Plastic
68	33356		Tab, Ground terminal
129	650727		Screw, 5/16-18 x 1-3/4 (Use as requir ed)
131A	650713		Screw, 5/16-18 x 5/8"
131	650737		Screw, 1/4-20 x 1/2" (Use as required )
131	650738		Screw, 1/4-20 x 5/8 (Use as required)
222A			Pop Rivet (Can be purchased locally)
274	35865		Gasket, Exhaust
275	33280A		Muffler
277	650729		Screw, 5/16-18 x 3-3/16" (Use as requ ired)
277	651002		Screw, 5/16-18 x 4-1/4" (Use as requi red)
285A	33662		Hub & Screen Assy.
290	29774		Fuel Line (Braided 8-1/4")(21cm)(As r equired)
	30962		Fuel Line (Braided 32")(80cm)(As requ ired)
	26460		Fuel Line Clamp (Use as required)
	32961		Valve, Fuel shut-off
	650665		Screw, 1/4-15 x 7/8"
300	34156A		Fuel Tank (Incl. 292 & 301) NOTE: These tanks were
			builtwith different size fuel inlet openings. Tanks with the
			1-3/16" I.D. opening use fuel cap 34210. Tanks with the
			1-1/2" I.D. opening use fuel cap 35355.
301A	410144B		Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"
			I.D.)
201Λ	33032		Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as
301A	33032		required) (1.5" I.D.)
301A	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use
			as required) (1.5" I.D.)
301A	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
	29673		* Gasket, Oil filler
	34140		Cover, Carburetor
	31291		Plug, Cover
	34155		Bracket, Lower fuel tank mtg.
	650561		Screw, 1/4-20 x 5/8"
	570629A		Primer Assy.
	32180C		Line, Primer
	34144		Decal, Primer
414	33323		Opt.Muffler Screen (Mini-Bike applica tion)
	730130		Kit, Exhaust adapter (Incl. 274 & 277)
	33700		Cover & Tube, Muffler (use as require d)
	650578		Screw, 8-18 x 3/8" (use as required)
	730226		SAE 5W30 4-Cycle Engine Oil (Quart)
	35824		Muffler Optional
			•



	Ded Markey	D
		y Description
	30322	Nut & Lockwasher, 8-32
	650727	Screw, 5/16-18 x 1-3/4 (Use as required)
	650737	Screw, 1/4-20 x 1/2" (Use as required)
	650738 650713	Screw, 1/4-20 x 5/8 (Use as required)
	650713 33461A	Screw, 5/16-18 x 5/8"  Control Product (Incl. 10, 203, 204, 8, 206)
	33461A 730153	Control Bracket (Incl. 19, 203, 204 & 206)
	730152 31342	Control Bracket (Incl.1158-1171)(As r eq.) Spring, Compression
	650549	Screw, 5-40 x 7/16"
	27793	Clip, Conduit
	28942	Screw, 10-32 x 3/8"
222A	20342	Pop Rivet (Can be purchased locally)
	730127	Air Cleaner Ass'y. (Incl. 238, 239, 242, 246, 250) (Use as
221	100121	required)
		• ,
	33662	Hub & Screen Assy.
	29774	Fuel Line (Braided 8-1/4")(21cm)(As r equired)
	30962	Fuel Line (Braided 32")(80cm)(As required)
	30705	Fuel Line (Braided 16")(40cm)(As required)
293	33715	Impulse Fuel Pump NOTE: 34385 and 33715 (WIP)pumps
		are replaced by 35813 and 35800 (WIP) pumps. The 33010
		(3000 series) repair kit is still available. The 35791 repair kit
		is used with the 35813 and 35800 fuel pumps.
294	35791	Fuel Pump Repair Kit NOTE: 34385 and 33715 (WIP)pumps
		are replaced by 35813 and 35800 (WIP) pumps. The 33010
		(3000 series) repair kit is still available. The 35791 repair kit
		is used with the 35813 and 35800 fuel pumps.
3∩1∆	410144B	Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"
00171	11011115	I.D.)
2014	0000	
301A	33032	Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as
		required) (1.5" I.D.)
301A	34210	Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use
		as required) (1.5" I.D.)
201.0	35355	Fuel Cap (Red Plastic)(1.75" I.D.)
	32958	Fitting, Fuel
	29673	* Gasket, Oil filler
	650765	Screw, 10-32 x 1/2"
	34140	Cover, Carburetor
	31291	Plug, Cover
	33377	Bracket, Carburetor cover mtg.
	650767	Screw, 8-32 x 27/64"
	34346	Decal, Instruction
	35274	Decal, Instruction
	34415	Decal, Choke
	34144	Decal, Primer
370E	34414	Decal, Warning
421	730226	SAE 5W30 4-Cycle Engine Oil (Quart)
	35824	Muffler Optional
	33374	Spring Extension
	30312	Screw, 10-32 x 1/2"
	28820	Screw, 10-32 x 1/2"
	27070	Lockwasher
	34138	Bracket, Choke wire
	34139	Control, Choke wire
	650257	Screw, 8-32 x 5/16"
1185	33816	Hub & Screen Assy.



Ref #	Part Number Qty	Description
	34096C	Cylinder (CI liner)(3-5/16")(Incl.2,20,41,43,72 & 119)
	27652	Pin, Dowel
	30322	Nut & Lockwasher, 8-32
	27642	Plug, Oil drain
	610118	Cover, Spark plug
	650489	Screw, 1/4-20 x 5/8"
	650727	Screw, 5/16-18 x 1-3/4 (Use as requir ed)
	650713	Screw, 5/16-18 x 5/8"
131	650737	Screw, 1/4-20 x 1/2" (Use as required )
131	650738	Screw, 1/4-20 x 5/8 (Use as required)
169	27896A	* Gasket, Breather
170	28423	Body, Breather
171	28424	Element, Breather
	28425	Cover, Breather
	35350	Tube, Breather
	650128	Screw, 10-24 x 1/2"
	29752	
		Nut & Lockwasher, 1/4-28
	33878	Link, Governor lever-to-throttle
222A		Pop Rivet (Can be purchased locally)
275B	391026	Muffler (Incl. 284, 284A & 416) (This spark arrester
		mufflercan be used on any model.)
275	222004	Muffler
	33280A	
	31588	Plate, Muffler locking
	35741	Plate, Muffler locking
	650729	Screw, 5/16-18 x 3-3/16" (Use as requ ired)
277	651002	Screw, 5/16-18 x 4-1/4" (Use as requi red)
285A	33662	Hub & Screen Assy.
301A	410144B	Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"
		I.D.)
201 /	33032	
30174	33032	Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as
		required) (1.5" I.D.)
301A	34210	Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use
		as required) (1.5" I.D.)
		. , , ,
	35355	Fuel Cap (Red Plastic)(1.75" I.D.)
306	29673	* Gasket, Oil filler
313A	33876	Gasket, Stator (Used only on Std. poi nt ign.)
337	34140	Cover, Carburetor
338A	31291	Plug, Cover
	34144	Decal, Primer
	610848	Magneto (w/ring gear for 120 Volt sta rter) NOTE: The
0.0	0.100.10	complete magneto is not available as an assembly.
		Themagneto number is shown for reference purpose only.
		Order component parts individually, as shown in parts list.
		(Refer to Division 5, Section B, page 28 for breakdown or
		Fiche 18B, Grid F-1
377	30547A	Breaker Points (Use with Std. point i gn.)
	30548B	Condenser
380	631917	Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A,
		page 138 for breakdown or Grid E-1)
421	730226	SAE 5W30 4-Cycle Engine Oil (Quart)
	35824	Muffler Optional
722	000 <u>2</u> 1	Manior Optional