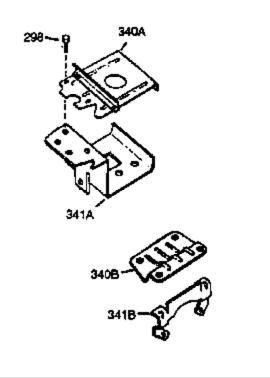
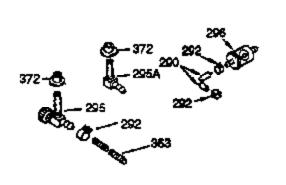


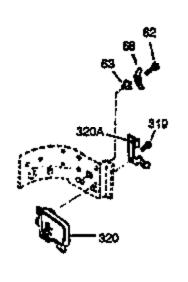
		ty Description
	34922A	Cylinder (CI liner)(3-5/16")(Incl.2,2 0 & 72)
	27652	Pin, Dowel
15	30699C	Rod Assy., Governor (Incl. 15A & 15B)
15B	650494	Screw, 6-40 x 5/16"
15A	30700	Yoke, Governor
	33454	Governor Lever Assy.
	29916	Clamp, Governor lever
	650548	Screw, 8-32 x 5/16"
	32630	Seal, Oil
		·
25	35256A	Blower Housing Baffle (With electric starter knockout) (Use
		as required)
25	29536	Blower Housing Baffle (Without electric starter knockout)
		(Use as required)
20	050504	
	650561	Screw, 1/4-20 x 5/8"
	35198	Crankshaft (Incl. 108 & 109)
	29826	Screw, 10-32 x 3/4"
36	29918	Lockwasher, #8 E.T.
37	29216	Locknut, 10-32
37A	30322	Nut & Lockwasher, 8-32
38	29642	Ring, Retaining
40	34860A	Piston, Pin & Ring Set (Std.)(3-5/16")
	34861A	Piston, Pin & Ring Set (.010" OS)
	34862A	Piston, Pin & Ring Set (.020" OS)
	34863	Piston & Pin Ass'y. (Std.)(3-5/16")(I ncl.43)
	34864	Piston & Pin Ass'y. (.010" OS) (Incl. 43)
	34865	Piston & Pin Ass'y. (.020" OS) (Incl. 43)
		• • • • • • • • • • • • • • • • • • • •
	34866A	Ring Set (Std.) (3-5/16" Bore)
	34867A	Ring Set (.010" OS)
	34868A	Ring Set (.020" OS)
	27888	Ring, Piston Pin retaining
	32591C	Rod Assy., Connecting (Incl. 46, 47 & 49)
	650662C	Bolt, Connecting rod (2 pieces)
47	650662C	Bolt, Connecting rod (2 pieces)
	34034	Lifter, Valve
49	34242	Dipper, Oil
50	34143	Camshaft (MCR)
60	33273A	Extension, Blower housing
	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
	31845	Shaft, Mechanical governor
	30590A	Washer, Flat
	30591	Gear Assy., Governor (Incl. 81)
	30588A	Spool, Governor
	29193	Ring, Retaining
	650833	Screw, 1/4-20 x 1-3/16 (Use as requir ed)
	650832	Screw, 1/4-20 x 1-11/16" (Use as requ ired)
	32589	Key, Flywheel
90	611091	Flywheel (w/ring gear)
92	650815	Washer, Belleville
	8116	Nut, Hex
	35135	Solid State Assy.
	650872	Stud, Solid state mounting
	650814	Screw, Torx T-15, 10-24 x 1"
100		5.5, 16.K.1. 16, 16 ± 1.K.1

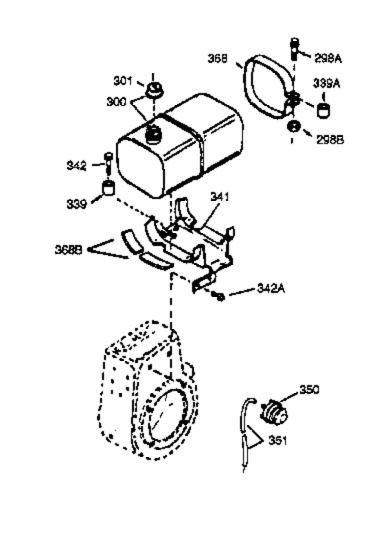
Ref#	Part Number Qty	Description
	29783	Pin, Crankshaft gear (Only serviceable when gear is pinned
		to crank.)
100	22245	,
	33245	Gear, Crankshaft
	34923A	* Gasket, Cylinder head
	34030A	Head, Cylinder
	27878A	Exhaust Valve (Std.) (Incl. 151)
	27880A	Exhaust Valve (1/32" OS) (Incl. 151)
	34035	Intake Valve (Std.) (Incl. 151)
126	34036	Intake Valve (1/32" OS) (Incl. 151)
127	650691	Washer (Do not use with No. 6021A scr ew.)
128	650690	Washer, Belleville (Use as required)
129	650727	Screw, 5/16-18 x 1-3/4 (Use as requir ed)
130	6021A	Screw, 5/16-18 x 1-1/2" (Use as required, but do notuse No.
		650691 washer.)
400	050744	,
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 5/8 (Use as required)
	650890	Washer, Internal Lock
	30747	Clip, Spark plug shorting
	33636	
		Resistor Spark Plug
	33369	Bracket, Governor gear
	650836	Screw, 10-24 x 1/2"
	35862	Seal Assy., Intake valve
	27881	Spring, Valve
	32581	Cap, Lower valve spring
	27896A	* Gasket, Breather
170	28423	Body, Breather
171	28424	Element, Breather
172	28425	Cover, Breather
173	35350	Tube, Breather
174	650128	Screw, 10-24 x 1/2"
	29752	Nut & Lockwasher, 1/4-28
	30088A	Screw, 1/4-28 x 1"
	33263	* Gasket, Carburetor
	34707	Pipe, Intake
	34661	Link, Governor lever
	34677	Control Bracket (Incl.19, 203, 204, 2 06, 209)
	31342	
		Spring, Compression
	650549	Screw, 5-40 x 7/16"
	33878	Link, Governor lever-to-throttle
	650821	Screw, 10-32 x 1/2"
	32410	Knob, Speed control
222A		Pop Rivet (Can be purchased locally)
	650378	Screw, Torx T-30, 5/16-18 x 1-1/8"
	27915A	* Gasket, Intake pipe
	33269A	Cover, Air cleaner
260	33375D	Blower Housing (For electric starter)
261	650788	Screw, 5/16-18 x 3/4"
	29747B	Screw, 5/16-24 x 21/32"
	33272B	Cover, Cylinder head
	33280A	Muffler
	31588	Plate, Muffler locking
	35741	Plate, Muffler locking
210	OO7-71	i iato, mainor iooning

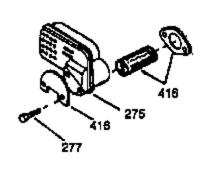
Ref #	Part Number	Otv	Description
	650729	Qty	Screw, 5/16-18 x 3-3/16" (Use as requ ired)
	651002		Screw, 5/16-18 x 4-1/4" (Use as required)
	33013		Cover, Starter bubble
	650760		Screw, 8-32 x 7/16"
	32125		Cup, Starter
	35194		Screen, Starter
	29752		Nut, 1/4-28
	29774		Fuel Line (Braided 8-1/4")(21cm)(As r equired)
	30962		Fuel Line (Braided 32")(80cm)(As required)
	30705		Fuel Line (Braided 16")(40cm)(As required)
292	26460		Fuel Line Clamp (Use as required)
	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.
201Λ	410144B		Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"
30 IA	4101446		I.D.)
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 /	35355		• • • • • • • • • • • • • • • • • • • •
	29673		Fuel Cap (Red Plastic)(1.75" I.D.) * Gasket, Oil filler
	31297		Dipstick (Incl. 307)
	31291		Plug, Cover
	34154		Plate, Upper fuel tank mtg.
	34155		Bracket, Lower fuel tank mtg.
	650561		Screw, 1/4-20 x 5/8"
	34686		Decal, Name
	34346		Decal, Instruction
	35274		Decal, Instruction
	33962		Decal, Control
	631021		Inlet Needle, Seat & Clip Assy.
	632242		Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A,
			page A4-4 for breakdown or Fiche 18B, Grid D-3)
400	22270		, ,
	33279G 730335		* 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

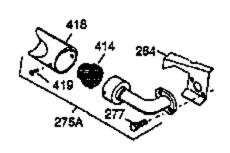


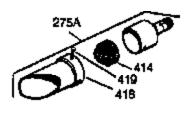






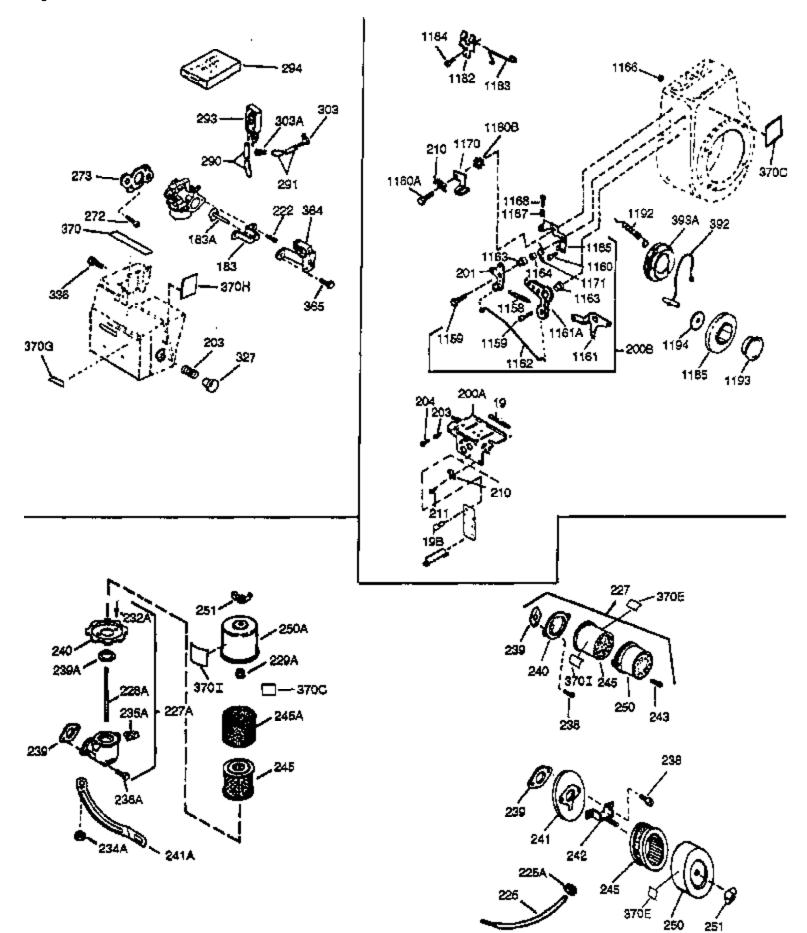








Ref #	Part Number	Qty	Description
37A	30322		Nut & Lockwasher, 8-32
129	650727		Screw, 5/16-18 x 1-3/4 (Use as requir ed)
131A	650713		Screw, 5/16-18 x 5/8"
131	650737		Screw, 1/4-20 x 1/2" (Use as required)
131	650738		Screw, 1/4-20 x 5/8 (Use as required)
222A			Pop Rivet (Can be purchased locally)
250B	33269A		Cover, Air cleaner
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)
290	29774		Fuel Line (Braided 8-1/4")(21cm)(As r equired)
	30962		Fuel Line (Braided 32")(80cm)(As required)
292	26460		Fuel Line Clamp (Use as required)
298	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.)
004.4	00000		·
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.)
301A	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
	29673		* Gasket, Oil filler
	31291		Plug, Cover
	34155		Bracket, Lower fuel tank mtg.
	650561		Screw, 1/4-20 x 5/8"
	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
			1



Rof #	Part Number	Otv	Description
	30322	Qty	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		Screw, 1/4-20 x 5/8 (Use as required)
	650713		Screw, 5/16-18 x 5/8"
	730152		Control Bracket (Incl.1158-1171)(As r eq.)
	31342		Spring, Compression
	650549		Screw, 5-40 x 7/16"
222A			Pop Rivet (Can be purchased locally)
227	730127		Air Cleaner Ass'y. (Incl. 238, 239, 242, 246, 250) (Use as
			required)
238	28820		Screw, 10-32 x 1/2"
	27272A		* Gasket, Air cleaner
	33266		·
	33267		Bracket, Air cleaner
			Bracket, Air cleaner
	33268		Element, Air cleaner
	33269A		Cover, Air cleaner
	650513		Nut, Wing 1/4-20
	29774		Fuel Line (Braided 8-1/4")(21cm)(As r equired)
	30962		Fuel Line (Braided 32")(80cm)(As requ ired)
	30705		Fuel Line (Braided 16")(40cm)(As requ ired)
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.
20/	35791		Fuel Pump Repair Kit NOTE: 34385 and 33715 (WIP)pumps
234	33791		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.
			is used with the 550 to and 55000 rder partips.
301A	410144B		Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"
			I.D.)
3∩1∆	33032		Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as
30 IA	30002		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.)
	32958		Fitting, Fuel
	29673		* Gasket, Oil filler
	31291		Plug, Cover
	34346		Decal, Instruction
	35274		Decal, Instruction
	730226		SAE 5W30 4-Cycle Engine Oil (Quart)
	35824		Muffler Optional
	30312		Screw, 10-32 x 1/2"
	28820		Screw, 10-32 x 1/2"
	27070		Lockwasher
1185	33816		Hub & Screen Assy.



Ref #	Part Number	Qtv	Description
	34922A		Cylinder (CI liner)(3-5/16")(Incl.2,2 0 & 72)
	27652		Pin, Dowel
	30322		Nut & Lockwasher, 8-32
	27642		Plug, Oil drain
	611091		Flywheel (w/ring gear)
	35135		Solid State Assy.
	650872		•
			Stud, Solid state mounting
	650814		Screw, Torx T-15, 10-24 x 1"
	650727		Screw, 5/16-18 x 1-3/4 (Use as requir ed)
	650737		Screw, 1/4-20 x 1/2" (Use as required)
	650738		Screw, 1/4-20 x 5/8 (Use as required)
	650713		Screw, 5/16-18 x 5/8"
169	27896A		* Gasket, Breather
170	28423		Body, Breather
171	28424		Element, Breather
172	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	35070		Pop Rivet (Can be purchased locally)
	20020		• • • • • • • • • • • • • • • • • • • •
	28820		Screw, 10-32 x 1/2"
	27272A		* Gasket, Air cleaner
	33266		Bracket, Air cleaner
	33267		Bracket, Air cleaner
	33268		Element, Air cleaner
250B	33269A		Cover, Air cleaner
251	650513		Nut, Wing 1/4-20
275B	391026		Muffler (Incl. 284, 284A & 416) (This spark arrester
			mufflercan be used on any model.)
275	33280A		Muffler
	31588		Plate, Muffler locking
	35741		Plate, Muffler locking
	650729		Screw, 5/16-18 x 3-3/16" (Use as required)
	651002		Screw, 5/16-18 x 4-1/4" (Use as required)
301A	410144B		Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"
			I.D.)
301A	33032		Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as
00 17 (00002		required) (1.5" I.D.)
			1 / (/
301A	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use
			as required) (1.5" I.D.)
201 /	25255		Fuel Cap (Ped Diactic)/1.75" LD.)
	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
	29673		* Gasket, Oil filler
	33876		Gasket, Stator (Used only on Std. poi nt ign.)
	31291		Plug, Cover
	30547A		Breaker Points (Use with Std. point i gn.)
380	632242		Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A,
			page A4-4 for breakdown or Fiche 18B, Grid D-3)
404	730226		SAE 5W30 4 Cyclo Engine Oil (Ouert)
	730226		SAE 5W30 4-Cycle Engine Oil (Quart)
422	35824		Muffler Optional