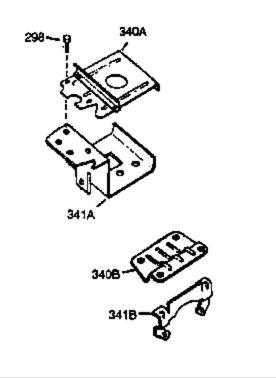
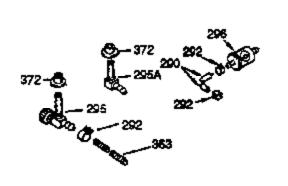


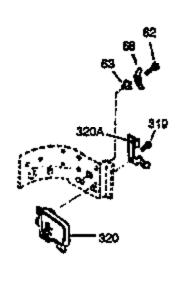
	D (N)	<b>D</b> 16
		y Description Odinator (Oldinor) (2.5/40) (Inc.) 2.2.0.8.72)
	35371	Cylinder (CI liner)(3-5/16")(Incl.2,2 0 & 72)
	27652	Pin, Dowel
	650494	Screw, 6-40 x 5/16"
	30699C	Rod Assy., Governor (Incl. 15A & 15B)
	30700	Yoke, Governor
	33454	Governor Lever Assy.
17	29916	Clamp, Governor lever
18	650548	Screw, 8-32 x 5/16"
20	35319	Seal, Oil
25	35256A	Blower Housing Baffle (With electric starter knockout) (Use
		as required)
OF.	25220	• •
	35326	Baffle, Blower housing
25	29536	Blower Housing Baffle (Without electric starter knockout)
		(Use as required)
26	650561	Screw, 1/4-20 x 5/8"
	35372A	Crankshaft (Incl. 108 & 109)
	29826	Screw, 10-32 x 3/4"
	29918	·
		Lockwasher, #8 E.T.
	29216	Locknut, 10-32
	30322	Nut & Lockwasher, 8-32
	29642	Ring, Retaining
	35776	Piston, Pin & Ring Set (Std.)(3-3/16")
	35777	Piston, Pin & Ring Set (.010" OS)
40	35778	Piston, Pin & Ring Set (.020" OS)
41	35773	Piston & Pin Ass'y. (Std.)(3-5/16")(I ncl.43)
41	35774	Piston & Pin Ass'y. (.010" OS) (Incl. 43)
41	35775	Piston & Pin Ass'y. (.020" OS) (Incl. 43)
42	35779	Ring Set (Std.) (3-5/16" Bore)
	35780	Ring Set (.010" OS)
	35781	Ring Set (.020" OS)
	35772	Ring, Piston Pin retaining
	35681	Rod Assy., Connecting (Incl. 46, 47 & 49)
	650908	Bolt, Connecting rod
	650882	Connecting Rod Bolt (2 pcs. on early Specs.)
	34034	Lifter, Valve
	35374	Dipper, Oil
	35375	
		Camshaft (MCR)
	33273A	Extension, Blower housing
	650802	Screw, 1/4-20 x 5/8"
	650128	Screw, 10-24 x 1/2"
	35262	* Gasket, Flange
	35376	Cover, Cylinder (Incl. 71, 75 & 80)
	35377	Bushing, Crankshaft
	27642	Plug, Oil drain
	35319	Seal, Oil
80	31845	Shaft, Mechanical governor
81	30590A	Washer, Flat
82	35378	Gear Assy., Governor (Incl. 81)
83	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 required)
	32589	Key, Flywheel
	611091	Flywheel (w/ring gear)
	650880	
		Washer, Lock
	650881	Nut, 5/8-18
100	35135	Solid State Assy.

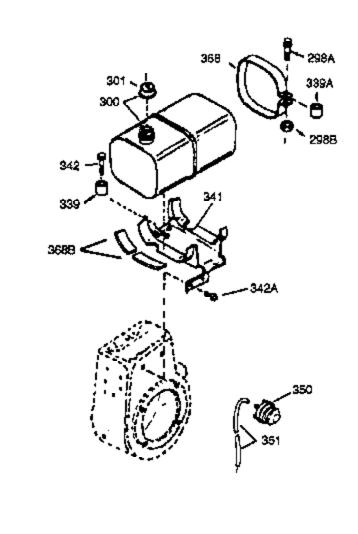
Dof #	Dort Number	Description
	Part Number Qty 610118	Description Cover Spectrolug
	650872	Cover, Spark plug
	650814	Stud, Solid state mounting
		Screw, Torx T-15, 10-24 x 1"
108	29783	Pin, Crankshaft gear (Only serviceable when gear is pinned
		to crank.)
109	33245	Gear, Crankshaft
110	35187	Wire, Ground
119	34923A	* Gasket, Cylinder head
120	34030A	Head, Cylinder
125	27878A	Exhaust Valve (Std.) (Incl. 151)
125	27880A	Exhaust Valve (1/32" OS) (Incl. 151)
126	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 requir ed)
	6021A	Screw, 5/16-18 x 1-1/2" (Use as required, but do notuse No.
.00	002171	650691 washer.)
400	0=0=44	,
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)
131A	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
	33636	Resistor Spark Plug
	33369	Bracket, Governor gear
	650836	Screw, 10-24 x 1/2"
	35862	Seal Assy., Intake valve
	27881	Spring, Valve
151	32581	Cap, Lower valve spring
169	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
182	30088A	Screw, 1/4-28 x 1"
184	33263	* Gasket, Carburetor
185	34707	Pipe, Intake
186	34661	Link, Governor lever
200	34677	Control Bracket (Incl.19, 203, 204, 2 06, 209)
203	31342	Spring, Compression
204	650549	Screw, 5-40 x 7/16"
206	610973	Terminal Assy.
207	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
	33375D	Blower Housing (For electric starter)
	650788	Screw, 5/16-18 x 3/4"
	29747B	Screw, 5/16-24 x 21/32"
_		

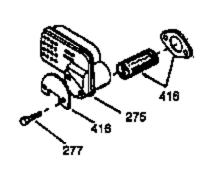
Ref #	Part Number	Qty	Description
265	33272B		Cover, Cylinder head
275	33280A		Muffler
	31588		Plate, Muffler locking
	35741		Plate, Muffler locking
	650729		Screw, 5/16-18 x 3-3/16" (Use as requ ired)
277	651002		Screw, 5/16-18 x 4-1/4" (Use as requi red)
281	33013		Cover, Starter bubble
	650760		Screw, 8-32 x 7/16"
	35287		Cup, Starter
	35446		Screen, Starter
287	29752		Nut, 1/4-28
290	29774		Fuel Line (Braided 8-1/4")(21cm)(As r equired)
290	30962		Fuel Line (Braided 32")(80cm)(As required)
	30705		Fuel Line (Braided 16")(40cm)(As required)
	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.
			1-1/2 1.D. Opening use ruer cap 30300.
301A	410144B		Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"
30171	11011112		I.D.)
			ا.ن.)
301A	33032		Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as
30 .7 1	00002		required) (1.5" I.D.)
			required) (1.5 1.D.)
301A	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use
			as required) (1.5" I.D.)
			as required) (1.5 1.5.)
301A	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
	35554		Oil Fill Tube
	35499		"O" Ring
			•
	35540		Clip, Fill tube
	36205		Dipstick
325A	29443		Clip, Fuel line
327	35392		Plug, Starter
	31291		Plug, Cover
	34154		Plate, Upper fuel tank mtg.
			•
	34155		Bracket, Lower fuel tank mtg.
	650561		Screw, 1/4-20 x 5/8"
370B	35344		Decal, Control
370A	34686		Decal, Name
	34346		Decal, Instruction
	35274		Decal, Instruction
	631021		Inlet Needle, Seat & Clip Assy.
380	632242		Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A,
			page A4-4 for breakdown or Fiche 18B, Grid D-3)
200	=0000		
390	590633		Rewind Starter (Refer to Division 5, Section C, page 30 for
			breakdown or Fiche 18B, Grid G-1)
<b>.</b>	000700		
	33279G		* Gasket Set (Incl. items marked *)
420	730225		SAE 30 4-Cycle Engine Oil (Quart)
421	730226		SAE 5W30 4-Cycle Engine Oil (Quart)
	35824		Muffler Optional
-T <b>ZZ</b>			Trainer Sphorton

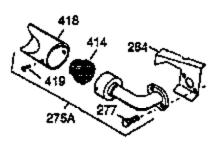


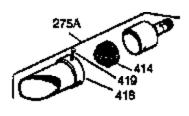


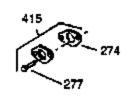




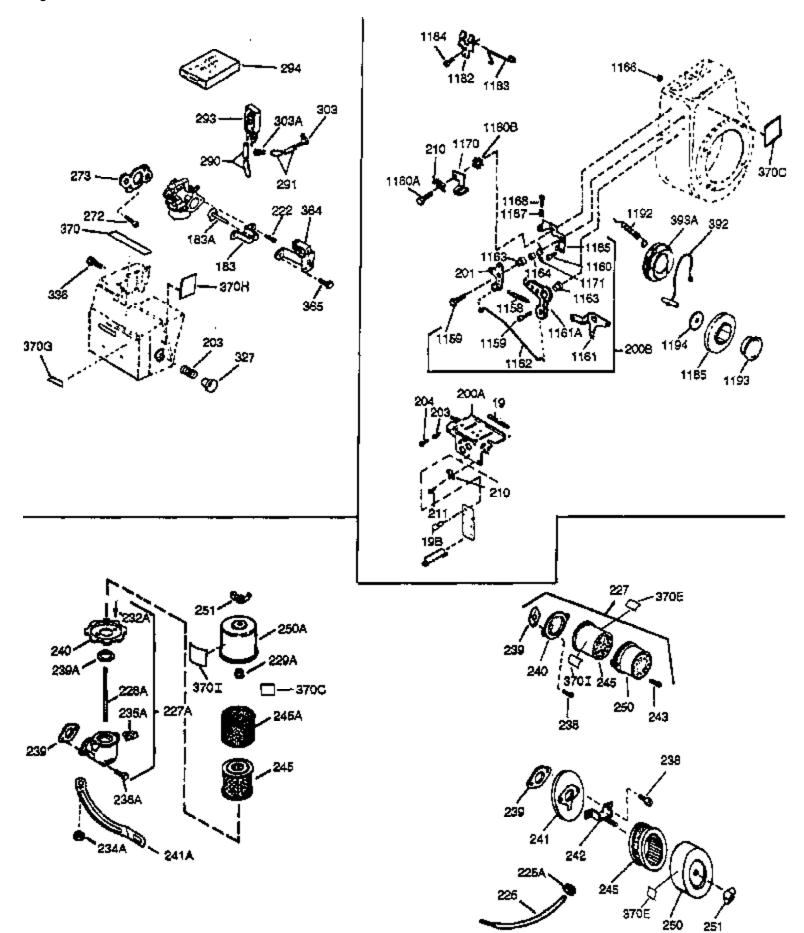




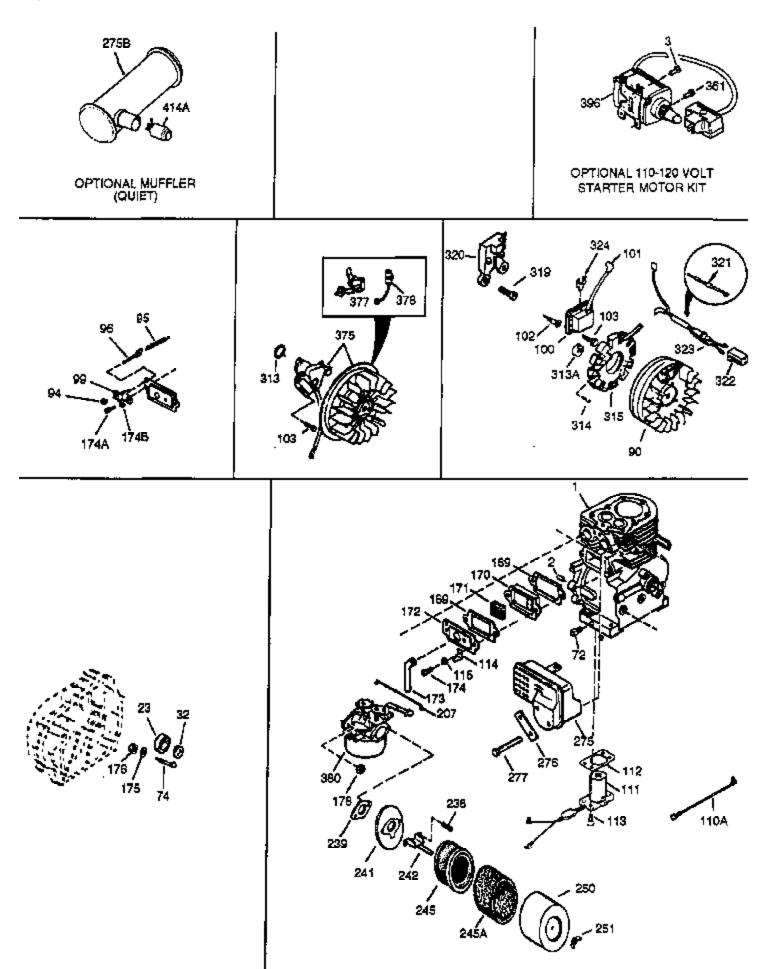




Ref #	Part Number	Qty	Description
37A	30322		Nut & Lockwasher, 8-32
64	650802		Screw, 1/4-20 x 5/8"
129	650727		Screw, 5/16-18 x 1-3/4 (Use as requir ed)
131A	650713		Screw, 5/16-18 x 5/8"
131	650737		Screw, 1/4-20 x 1/2" (Use as required )
131	650738		Screw, 1/4-20 x 5/8 (Use as required)
222A			Pop 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)
290	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.
301Δ	410144B		Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"
30171	10110		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
	S .= . S		as required) (1.5" I.D.)
0014	05055		
	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
	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)
422	35824		Muffler Optional



Ref #	Part Number	Qty	Description
64 129 131 131 131A 200B 203 204 222A	30322 650802 650727 650737 650738 650713 730152 31342 650549		Nut & Lockwasher, 8-32 Screw, 1/4-20 x 5/8" Screw, 5/16-18 x 1-3/4 (Use as required) Screw, 1/4-20 x 1/2" (Use as required) Screw, 1/4-20 x 5/8 (Use as required) Screw, 5/16-18 x 5/8" Control Bracket (Incl.1158-1171)(As r eq.) Spring, Compression Screw, 5-40 x 7/16" Pop Rivet (Can be purchased locally) Air Cleaner Ass'y. (Incl. 238, 239, 242, 246, 250) (Use as required)
239 241 242 245 250B 251 290 290 291	28820 27272A 33266 33267 33268 33269A 650513 29774 30962 30705 33715		Screw, 10-32 x 1/2"  * Gasket, Air cleaner Bracket, Air cleaner Bracket, Air cleaner Element, Air cleaner Cover, Air cleaner Nut, Wing 1/4-20 Fuel Line (Braided 8-1/4")(21cm)(As r equired) Fuel Line (Braided 32")(80cm)(As required) Fuel Line (Braided 16")(40cm)(As required) 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.
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 required) (1.5" I.D.)
301A	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use as required) (1.5" I.D.)
303 327 338A 370 370 421 422 1159 1160 1160	35355 32958 35392 31291 34346 35274 730226 35824 30312 28820 27070 33816		Fuel Cap (Red Plastic)(1.75" I.D.) Fitting, Fuel Plug, Starter Plug, Cover Decal, Instruction Decal, Instruction SAE 5W30 4-Cycle Engine Oil (Quart) Muffler Optional Screw, 10-32 x 1/2" Screw, 10-32 x 1/2" Lockwasher Hub & Screen Assy.



Ref #	Part Number Qty	Description
	35371	Cylinder (CI liner)(3-5/16")(Incl.2,2 0 & 72)
	27652	Pin, Dowel
	30322	Nut & Lockwasher, 8-32
	650802	Screw, 1/4-20 x 5/8"
	27642	Plug, Oil drain
	611091	Flywheel (w/ring gear)
	35135	Solid State Assy.
	610118	Cover, Spark plug
	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 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"
	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
207	33878	Link, Governor lever-to-throttle
222A		Pop Rivet (Can be purchased locally)
238	28820	Screw, 10-32 x 1/2"
239	27272A	* Gasket, Air cleaner
241	33266	Bracket, Air cleaner
242	33267	Bracket, Air cleaner
	33268	Element, Air cleaner
	33269A	Cover, Air cleaner
	650513	Nut, Wing 1/4-20
	391026	Muffler (Incl. 284, 284A & 416) (This spark arrester
	33.323	mufflercan be used on any model.)
.==	000004	-
	33280A	Muffler
	31588	Plate, Muffler locking
	35741	Plate, Muffler locking
	650729	Screw, 5/16-18 x 3-3/16" (Use as requ ired)
	651002	Screw, 5/16-18 x 4-1/4" (Use as requi red)
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.)
		, , ,
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.)
	33876	Gasket, Stator (Used only on Std. poi nt ign.)
	31291	Plug, Cover
	30547A	Breaker Points (Use with Std. point i gn.)
	632242	Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A,
300	OULL 1L	page A4-4 for breakdown or Fiche 18B, Grid D-3)
		,
	730226	SAE 5W30 4-Cycle Engine Oil (Quart)
422	35824	Muffler Optional