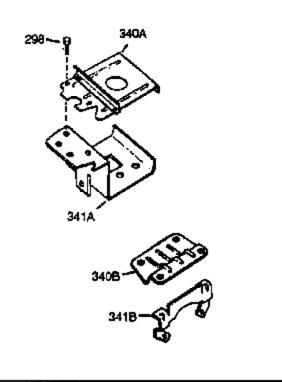
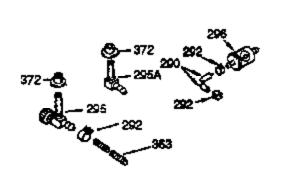


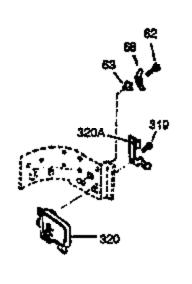
Dof #	Part Number	, Description
	Part Number Qty 34096C	/ Description Cylinder (CI liner)(3-5/16")(Incl.2,20,41,43,72 & 119)
	27652	Pin, Dowel
	30699C	Rod Assy., Governor (Incl. 15A & 15B)
	650494	Screw, 6-40 x 5/16"
	30700	Yoke, Governor
	33454	Governor Lever Assy.
	29916	Clamp, Governor lever
18	650548	Screw, 8-32 x 5/16"
20	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)
26	650561	Screw, 1/4-20 x 5/8"
	33453A	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 ")
	34544	Piston, Pin & Ring Set (.010" OS)
	34545	Piston, Pin & Ring Set (.020" OS)
	34031B	Piston & Pin Ass'y. (Std.)(3-3/16")(I ncl.43)
41	34032B	Piston & Pin Ass'y. (.010" OS) (Incl. 43)
41	34033B	Piston & Pin Ass'y. (.020" OS) (Incl. 43)
42	34037	Ring Set (Std.) (3-3/16" Bore)
42	34038	Ring Set (.010" OS)
42	34039	Ring Set (.020" OS)
	27888	Ring, Piston Pin retaining
	32591C	Rod Assy., Connecting (Incl. 46, 47 & 49)
	650662C	Bolt, Connecting rod (2 pieces)
	650662C	Bolt, Connecting rod (2 pieces)
	34034	Lifter, Valve
	34242	·
		Dipper, Oil
	34143	Camshaft (MCR)
	33273A	Extension, Blower housing
	650760	Screw, 8-32 x 3/8"
	28545	Grommet, Plastic
	650128	Screw, 10-24 x 1/2"
	35262	* Gasket, Flange
70	33367B	Cover, Cylinder (Incl. 71, 75 & 80)
71	33368	Bushing, Crankshaft
72	27642	Plug, Oil drain
75	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 required)
	650832	Screw, 1/4-20 x 1-11/16" (Use as required)
	32589	Key, Flywheel
	650815	Washer, Belleville
	8116	Nut, Hex
	27276	Cover, Spark plug
103	650489	Screw, 1/4-20 x 5/8"

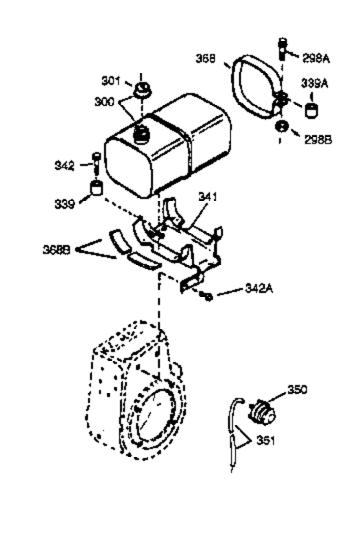
Pin, Crankshaft gear (Only serviceable when gear is pinned to crank.) 109 33245 Gear, Crankshaft Ground Wire (Incl. 156) 119 340414 Gaste, Cylinder head Head, Cylinder 120 340304 Head, Cylinder Exhaust Valve (Std.) (Incl. 151) 125 2778PA Exhaust Valve (Std.) (Incl. 151) 126 34036 Intake Valve (Std.) (Incl. 151) 127 650691 Exhaust Valve (Std.) (Incl. 151) 128 650690 Exhaust Valve (Std.) (Incl. 151) 128 650690 Washer (Do not use with No. 6021 A screw.) 129 650727 Screw, 516-18 x 1-12" (Use as required) 120 650711 Screw, 516-18 x 1-12" (Use as required) 130 650691 Screw, 516-18 x 1-12" (Use as required) 130 650694 Screw, 516-18 x 1-12" (Use as required) 131 650737 Screw, 516-18 x 1-12" (Use as required) 132 650738 Screw, 14-20 x 12" (Use as required) 133 650690 Screw, 1516-18 x 2" (Use as required) 134 650713 Screw, 161-18 x 2" (Use as required) 135 350690 Washer, Internal Lock 136 350890 Washer, Internal Lock 137 35090 Screw, 161-18 x 2" (Use as required) 139 33369 Screw, 161-18 x 2" (Use as required) 149 27882 Screw, 161-18 x 2" (Use as required) 150 27881 Spring, 161-18 x 2" (Use as required) 160 278954 Screw, 161-18 x 2" (Use as required) 170 28423 Screw, 161-18 x 2" (Use as required) 171 28424 Element, Breather 172 28425 Screw, 10-24 x 112" 183 33369 Screw, 10-24 x 112" 184 33263 Screw, 10-24 x 112" 184 33263 Screw, 10-24 x 112" 185 33677 Ping Regarder 186 33677 Screw, 161-18 x 2" (Use as required) 187 3616-18 x 112" 187 3616-18 x 112" 188 33263 Screw, 10-24 x 112" 189 33378 Screw, 10-24 x 112" 180 33378 Screw, 10-24 x 112" 180 33263 Screw, 10-24 x 112" 180 33263 Screw, 10-24 x 112" 180 33263 Screw, 10-24 x 112" 180 33272B Screw, 10-24 x 12" 180 33272B Screw, 10-24 x 12" 180 3327	Ref #	Part Number	Qty	Description
110 30831 Ground Wire (Incl. 156)				Pin, Crankshaft gear (Only serviceable when gear is pinned
but discard 650691 washer.) 130 650694A	110 119 120 125 125 126 126 127 128 129	30831 34041A 34030A 27878A 27880A 34035 34036 650691 650690 650727		Ground Wire (Incl. 156) * Gasket, Cylinder head Head, Cylinder Exhaust Valve (Std.) (Incl. 151) Exhaust Valve (1/32" OS) (Incl. 151) Intake Valve (Std.) (Incl. 151) Intake Valve (1/32" OS) (Incl. 151) Washer (Do not use with No. 6021A scr ew.) Washer, Belleville (Use as required) Screw, 5/16-18 x 1-3/4 (Use as required, but do notuse No.
131 650737 Screw, 1/4-20 x 1/2" (Use as required)	130	650711		Screw, 5/16-18 x 1-5/8 " (Use as required) (Can use 6021A but discard 650691 washer.)
277 651002 Screw, 5/16-18 x 4-1/4" (Úse as requi red) 281 33013 Cover, Starter bubble 282 650760 Screw, 8-32 x 7/16"	131 131A 133 134 135 139 140 149 150 151 169 170 171 172 173 178 182 184 185 207 222A 223 224 250B 260 261 262 265 276	650737 650738 650713 650890 30747 33636 33369 650836 27882 27881 32581 27896A 28423 28424 28425 35350 29752 30088A 33263 33877 33878 650378 27915A 33269A 33375D 650788 29747B 33272B		Screw, 5/16-18 x 2" (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" Washer, Internal Lock Clip, Spark plug shorting Resistor Spark Plug Bracket, Governor gear Screw, 10-24 x 1/2" Cap, Upper valve spring Spring, Valve Cap, Lower valve spring * Gasket, Breather Body, Breather Element, Breather Tube, Breather Tube, Breather Nut & Lockwasher, 1/4-28 Screw, 1/4-28 x 1" * Gasket, Carburetor Pipe, Intake Link, Governor lever-to-throttle Pop Rivet (Can be purchased locally) Screw, Torx T-30, 5/16-18 x 1-1/8" * Gasket, Intake pipe Cover, Air cleaner Blower Housing (For electric starter) Screw, 5/16-24 x 21/32" Cover, Cylinder head Plate, Muffler locking
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)	277 281 282 285A 287 290	651002 33013 650760 33662 29752 29774		Screw, 5/16-18 x 4-1/4" (Use as requi red) Cover, Starter bubble Screw, 8-32 x 7/16" Hub & Screen Assy. Nut, 1/4-28 Fuel Line (Braided 8-1/4")(21cm)(As r equired)

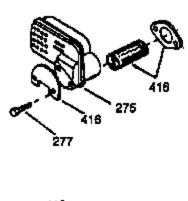
Ref #	Part Number	Qty	Description
292 298	30705 26460 650665 34156A		Fuel Line (Braided 16")(40cm)(As requ ired) Fuel Line Clamp (Use as required) Screw, 1/4-15 x 7/8" Fuel Tank (Incl. 292 & 301) NOTE: These tanks were builtwith different size fuel inlet openings. Tanks with the 1-3/16" I.D. opening 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.)
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.)
306 310 311 312 338A 340 341 342 370 370 379	35355 29673 31297 27625 29673 31291 34154 34155 650561 34346 35274 631021 631725 631983		Fuel Cap (Red Plastic)(1.75" I.D.) * Gasket, Oil filler Dipstick (Incl. 307) Oil Fill Plug (Incl. 312) * Gasket, Oil filler plug Plug, Cover Plate, Upper fuel tank mtg. Bracket, Lower fuel tank mtg. Screw, 1/4-20 x 5/8" Decal, Instruction Decal, Instruction Inlet Needle, Seat & Clip Assy. Inlet Needle, Seat & Clip Assy. Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A, page A3-6 for breakdown or Fiche 18B, Grid E-5)
420 421	33279G 730225 730226 35824		* Gasket Set (Incl. items marked *) SAE 30 4-Cycle Engine Oil (Quart) SAE 5W30 4-Cycle Engine Oil (Quart) Muffler Optional

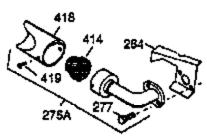


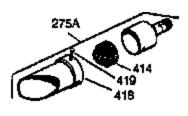


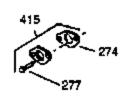




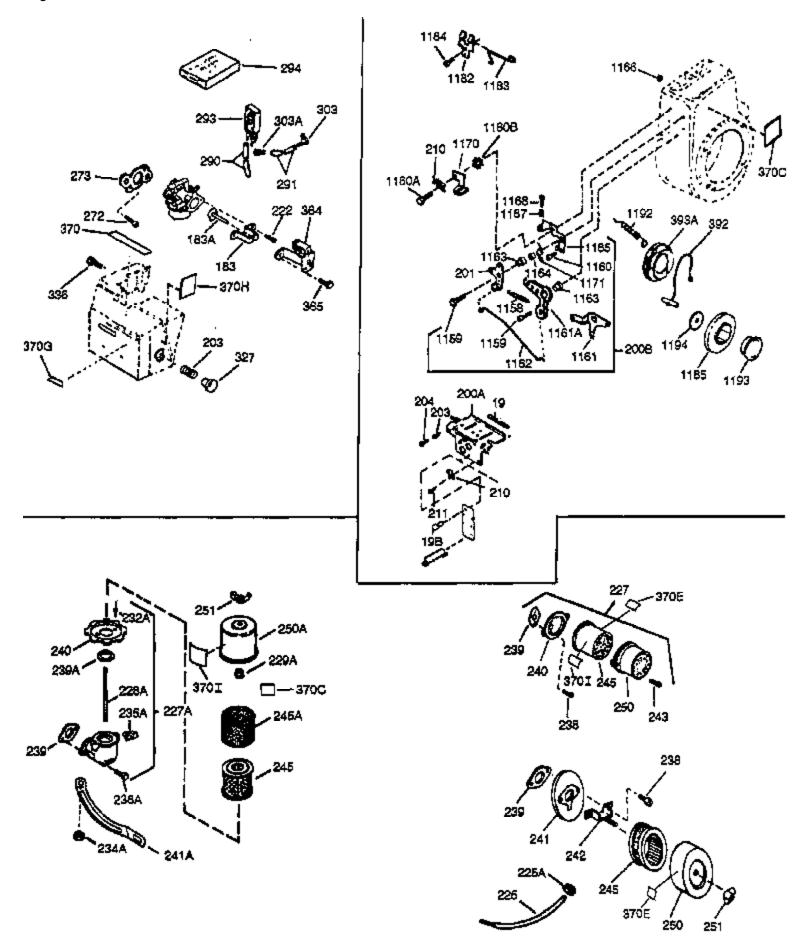




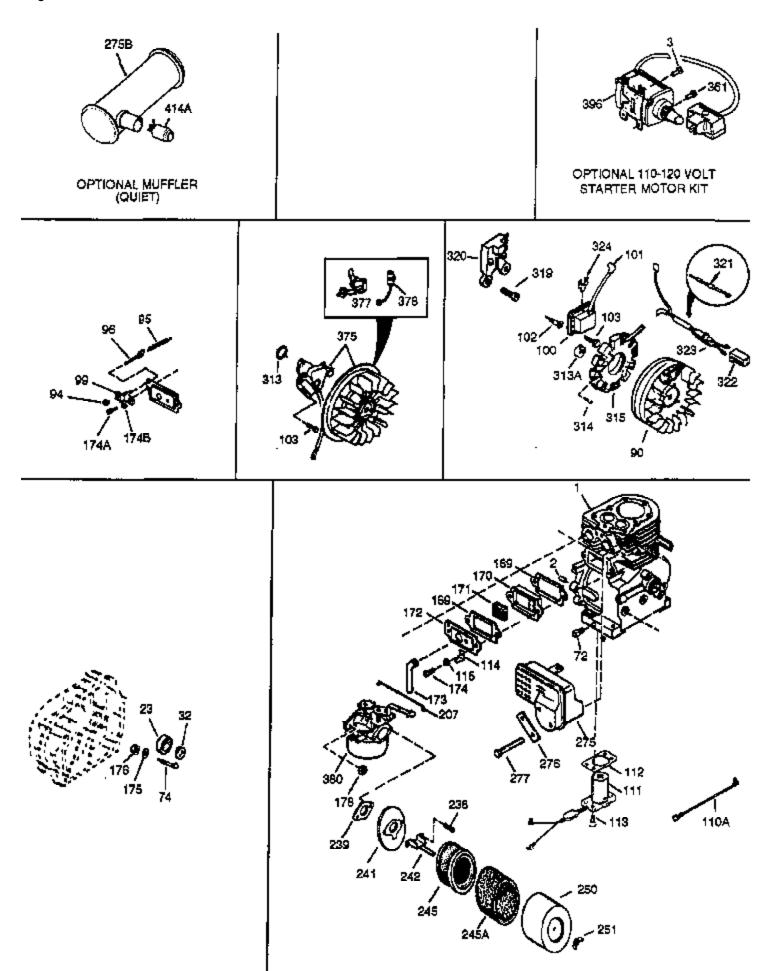




Ref #	Part Number	Qty	Description
37A	30322		Nut & Lockwasher, 8-32
62	650760		Screw, 8-32 x 3/8"
63	28545		Grommet, Plastic
68	33356		Tab, Ground terminal
129	650727		Screw, 5/16-18 x 1-3/4 (Use as requir ed)
131A	650713		Screw, 5/16-18 x 5/8"
131	650737		Screw, 1/4-20 x 1/2" (Use as required)
131	650738		Screw, 1/4-20 x 5/8 (Use as required)
222A			Pop Rivet (Can be purchased locally)
250B	33269A		Cover, Air cleaner
274	35865		Gasket, Exhaust
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 required)
285A	33662		Hub & Screen Assy.
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.
201 /	410144B		Fuel Can (Mhita Plantia)/Standard) (Llan an required) (1 F"
301A	4101 44 D		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.)
201Λ	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use
301A	34210		as required) (1.5" I.D.)
			as required) (1.5 1.D.)
301A	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
306	29673		* Gasket, Oil filler
338A	31291		Plug, Cover
341	34155		Bracket, Lower fuel tank mtg.
342	650561		Screw, 1/4-20 x 5/8"
414	33323		Opt.Muffler Screen (Mini-Bike applica tion)
415	730130		Kit, Exhaust adapter (Incl. 274 & 277)
418	33700		Cover & Tube, Muffler (use as require d)
419	650578		Screw, 8-18 x 3/8" (use as required)
421	730226		SAE 5W30 4-Cycle Engine Oil (Quart)
422	35824		Muffler Optional



		Qty	Description
	30322		Nut & Lockwasher, 8-32
129	650727		Screw, 5/16-18 x 1-3/4 (Use as requir ed)
131	650737		Screw, 1/4-20 x 1/2" (Use as required)
131	650738		Screw, 1/4-20 x 5/8 (Use as required)
131A	650713		Screw, 5/16-18 x 5/8"
	730152		Control Bracket (Incl.1158-1171)(As r eq.)
222A	700102		Pop Rivet (Can be purchased locally)
	730127		
221	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		Bracket, Air cleaner
	33267		Bracket, Air cleaner
			·
	33268		Element, Air cleaner
	33269A		Cover, Air cleaner
	650513		Nut, Wing 1/4-20
	33662		Hub & Screen Assy.
	29774		Fuel Line (Braided 8-1/4")(21cm)(As r equired)
290	30962		Fuel Line (Braided 32")(80cm)(As requ ired)
291	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.
			is used with the 33013 and 33000 fuel pumps.
294	33010		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.
			···
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.
204 A	4404.44D		
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
30171	3000Z		required) (1.5" I.D.)
			required) (1.5 1.b.)
301A	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use
			as required) (1.5" I.D.)
0044	05055		. , , ,
	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
	32958		Fitting, Fuel
	33713		Fitting, Fuel line elbow
	29673		* Gasket, Oil filler
338A	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.



1	Part Number 34096C 27652	Qty	Description Cylinder (Cl liner)(3-5/16")(Incl.2,20,41,43,72 & 119) Pin, Dowel
	30322		Nut & Lockwasher, 8-32
	27642		Plug, Oil drain
	33450		Lock Nut, 10-32
	30886A		Spring, Governor bolt
	30845A		Bolt, Governor adjusting
	32328		Bracket, Speed adjusting (Incl. 94)
	27276		
	650489		Cover, Spark plug
			Screw, 1/4-20 x 5/8" Screw, 5/46 18 x 1 3/4 (Llos on required)
	650727 650712		Screw, 5/16-18 x 1-3/4 (Use as requir ed)
	650713 650737		Screw, 5/16-18 x 5/8" Screw, 1/4 20 x 1/2" (Heaper required.)
			Screw, 1/4-20 x 1/2" (Use as required)
	650738 27806A		Screw, 1/4-20 x 5/8 (Use as required) * Cooket, Proofbor
	27896A		* Gasket, Breather
	28423		Body, Breather
	28424		Element, Breather
	28425		Cover, Breather
	35350		Tube, Breather
	8269		Lockwasher
	650597		Screw, 10-24 x 5/8"
	29752		Nut & Lockwasher, 1/4-28
	33878		Link, Governor lever-to-throttle
222A	0000		Pop Rivet (Can be purchased locally)
	28820		Screw, 10-32 x 1/2"
	27272A		* Gasket, Air cleaner
	33266		Bracket, Air cleaner
	33267		Bracket, Air cleaner
	33268		Element, Air cleaner
	33269A		Cover, Air cleaner
	650513		Nut, Wing 1/4-20
275B	391026		Muffler (Incl. 284, 284A & 416) (This spark arrester
			mufflercan be used on any model.)
276	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 required)
	33662		Hub & Screen Assy.
	410144B		Fuel Cap (White Plastic)(Standard) (Use as required) (1.5"
30 IA	4101446		I.D.)
			ו.ט.)
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.)
3∩1∆	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
	29673		* Gasket, Oil filler
	33876		Gasket, Stator (Used only on Std. poi nt ign.)
	31291		• • • •
	610842		Plug, Cover Magnete NOTE: The complete magnete is not available as
3/3	010042		Magneto NOTE: The 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. (Pefor to Division 5, Section B, page 28 for
			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

Ref # Pa	art Number	Qty	Description
380 63	31983		Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A, page A3-6 for breakdown or Fiche 18B, Grid E-5)
421 73 422 35			SAE 5W30 4-Cycle Engine Oil (Quart) Muffler Optional