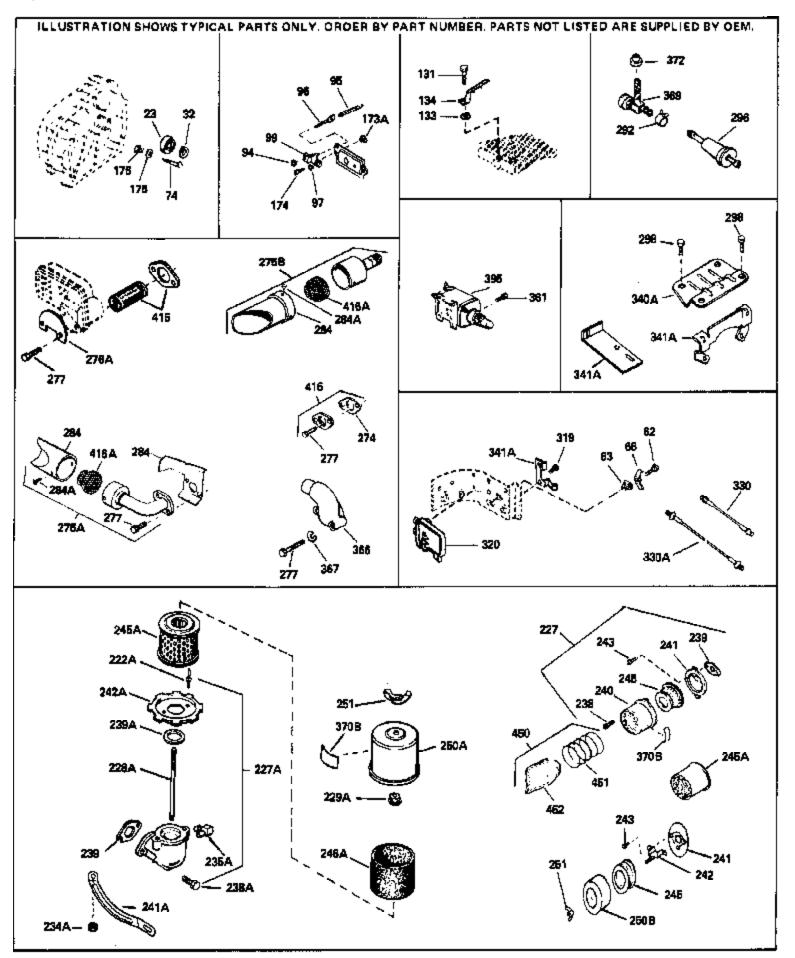


Ref #	Part Number	Qty	Description
1	34348B		Cylinder (Incl.2,20,72,72A) (3-1/8" B ore)
2	27652		Pin, Dowel
3	650820		Screw, 1/4-20 x 1/2"
4	32678		Nipple, Oil
	30969		Cap, Óil drain
	30700		Yoke, Governor
	650494		Screw, 6-40 x 5/16"
	30699C		Rod Assy., Governor (Incl. 15A & 15B)
	33454		Governor Lever Assy.
	29916		Clamp, Governor lever
	650548		Screw, 8-32 x 5/16"
	34663		Spring, Speed control
	32630		Seal, Oil
	35256A		Baffle, Blower housing
	650561		Screw, 1/4-20 x 5/8"
	33365B		Crankshaft (Incl. 108 & 109)
	29826		Screw, 10-32 x 3/4"
	29918		Lockwasher, # 8 E.T.
	29916		Nut & Lockwasher, 10-32 "Keps"
	30322		• •
	29642		Locknut, Hex "Keps", 8-32 Ping, Potoiping
			Ring, Retaining
	34552		Piston, Pin & Ring Set (Std.) (3-1/8")
	34553		Piston, Pin & Ring Set (.010" OS)
	34554		Piston, Pin & Ring Set (.020" OS)
	34329A		Piston & Pin Ass'y.(Std)(Incl.43)(3-1 /8")
	34330A		Piston & Pin Ass'y. (.010" OS)(Incl. 43)
	34331A		Piston & Pin Ass'y. (.020" OS)(Incl. 43)
	34332		Ring Set (Std.) (3-1/8" Bore)
	34333		Ring Set (.010" OS)
	34334		Ring Set (.020" OS)
	27888		Ring, Piston pin retaining
	32591C		Rod Assy., Connecting (Incl. 49)
	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"
	28545		Grommet, Plastic
	650128		Screw, 10-24 x 1/2"
69	35262		* Gasket, Cylinder cover
70	33367B		Cylinder Cover (Incl. 71, 75, 80, 311 & 312)
71	33368		Bushing, Crankshaft
72	27642		Plug, Oil drain
75	31950		Seal, Oil
80	31845		Shaft, Mechanical governor
81	30590A		Washer, Flat
82	30591		Gear Assy., Governor (Incl. 81)
83	30588A		Spool, Governor
	29193		Ring, Retaining
	650833		Screw, 1/4-20 x 1-3/16"
	650832		Screw, 1/4-20 x 1-11/16"
	32589		Key, Flywheel
	650815		Washer, Belleville
	8116		Nut, Hex (1/2-20)
	610118		Cover, Spark plug (Use as required)
	650489		Screw, 1/4-20 x 5/8"
100			

	Part Number Qt	
	29783	Pin, Crankshaft gear
109	33245	Gear, Crankshaft
110	34240	Ground Wire
119	34041A	* Gasket, 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)
	26073	Washer, Flat (Use as required)
	650570	Washer, Flat (Use as required)
127	650691	Washer (Use as req., but not w/6021A screw)
128	650690	Washer, Belleville
129	650727	Screw, 5/16-18 x 1-3/4" (Use as requi red)
	6021A	Screw, 5/16-18 x 1-1/2" (Use as required, but do notuse wit
		650691 washer)
	650694A	Screw, 5/16-18 x 2" (Use as required)
131	650802	Screw, 1/4-20 x 5/8" (Use as required )
131	650737	Screw, 1/4-20 x 1/2" (Use as required )
131	650738	Screw, 1/4-20 x 5/8" (Use as required )
	650713	Screw, 5/16-18 x 5/8" (Use as require d)
	792028	Screw, 5/16-18 x 7/8" (Use as require d)
	33636	Resistor Spark Plug (RJ17LM)
	33369	
		Bracket, Governor gear
	650836	Screw, 10-24 x 1/2"
	27882	Cap, Upper valve spring
	27882	Cap, Upper valve spring
	27881	Spring, Valve
151	32581	Cap, Lower valve spring
169	27896A	* Gasket, Breather cover
170	28423	Body, Breather
	28424	Element, Breather
	28425	Cover, Valve spring
	35350	Tube, Breather
	650128	Screw, 10-24 x 1/2"
	650597	Screw, 10-24 x 5/8"
	29752	Nut & Lockwasher, 1/4-28
	30593	Clip, Primer line (Use as required)
182	30088A	Screw, 1/4-28 x 1"
184	33263	* Gasket, Carburetor
185	33877	Pipe, Intake
	31342	Spring, Compression
	650549	Screw, 5-40 x 7/16"
	610973	
		Terminal Assy. (Use as required)
	27793	
	28942	Screw, 10-32 x 3/8"
	650378	Screw, Torx T-30, 5/16-18 x 1-1/8 "
	27915A	* Gasket, Intake pipe
260	34145	Blower Housing (For electric starter)
	650788	Screw, 5/16-18 x 3/4" (Use as require d)
	29747B	Screw, 5/16-24 x 21/32"
	33272B	Cover, Cylinder head
	33280A	Muffler
	35824	Muffler (Optional quiet muffler)
	31588	Plate, Muffler locking
277A	650696	Screw, 5/16-18x2-3/4" (Used with 276A)
	650729	Screw, 5/16-18 x 3-3/16"

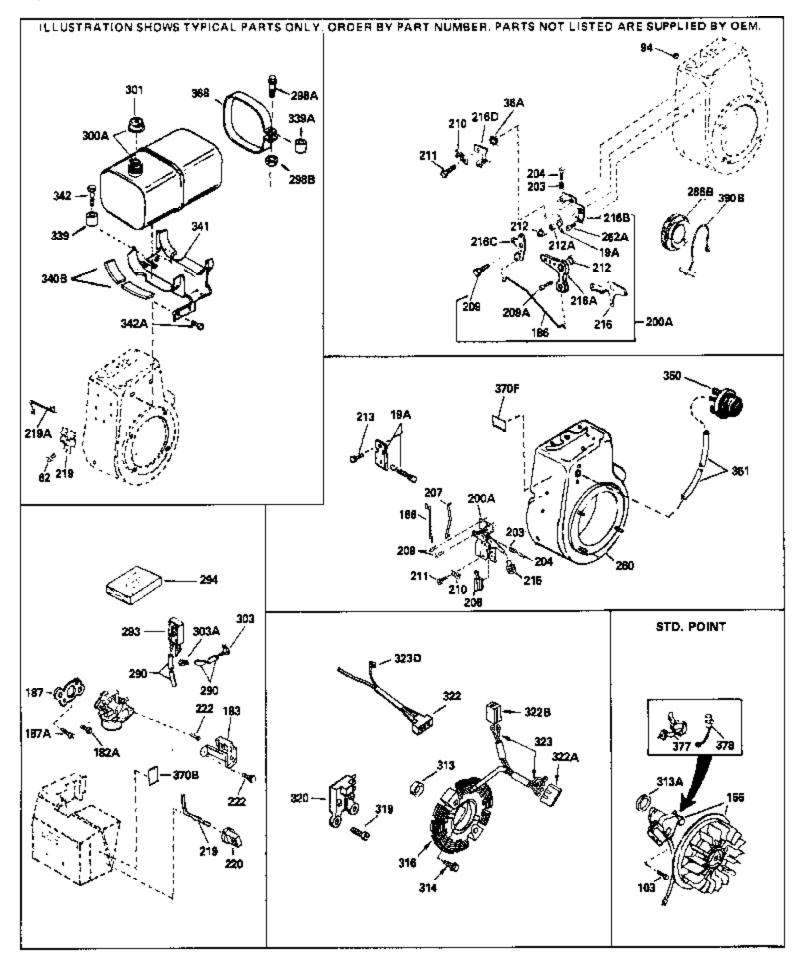
		/ Description
281	33013	Cover, Starter bubble
282	650760	Screw, 8-32 x 3/8"
	33662	Hub & Screen Assy., Starter
	29752	Nut & Lockwasher, 1/4-28
	29774	Fuel Line (Braided 8-1/4")(21 cm)(As req.)
290	30705	Fuel Line (Braided 16")(41 cm)(Use as req.)
290	30962	Fuel Line (Braided 32")(81 cm)(Use as req.)
	26460	Clamp, Fuel line (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.
204	4404.440	
	410144B	Fuel Cap (White Plastic)(Std)(1-1/2" I.D.)
301	33032	Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (1-3/16"
		I.D.)
004	24242	
301	34210	Fuel Cap (Red Plastic) (Spurt Resistant, High Profile)
		(1-3/16" l.D)
201	25255	Fuel Cap (Red placetic) (1.1/2" LD)
	35355	Fuel Cap (Red plastic) (1-1/2" I.D.)
	33893A	Tube, Oil fill
306	33590	"O" Ring
310	34011A	Dipstick (Incl. 306)
325	29443	Clip, Fuel line (Use as required)
	34246	Clip, Ground wire (Use as required)
	650765	Screw, 10-32 x 1/2"
	34666	Cover, Carburetor
	28942	Screw, 10-32 x 3/8"
340	34154	Plate, Fuel tank mounting
341	34155	Bracket, Fuel tank mounting
342	650561	Screw, 1/4-20 x 5/8"
	34141	Guard, Starter
	32576	Seal, Snow guard
	33377	Bracket, Carburetor cover mounting
	650767	Screw, 8-32 x 27/64"
	34870	Decal, Instruction Can be used on HM80 with diecast starter.
379	631021	Inlet Needle, Seat & Clip Assy.
380	632111	Carburetor (Incl. 184) (Refer to Division 5, Section A, page
		170 for breakdown or Fiche18A-1, Grid F-1)
390	590479	Rewind Starter (Refer to Division 5, Section C, page 30 for
		breakdown or Fiche 18A-1, Grid G-5)
400	222700	
	33279G	Gasket Set (Incl. items marked*)
408	35570	Screen Seal (Can be used on HM80 with stamped steel
		recoil starter)
100	05500	
409	35569	Spacer (Can be used on HM80 with stamped steel recoil
		starter)
410	700570	Debria Saraan Kit (Ind. 260, 2700, 207, 411, 9412) (Can ba
410	730573	Debris Screen Kit (Incl. 360, 370B, 387, 411 & 413) (Can be
		used on HM80 with stamped steel recoil starter)
/11	35568	Debris Screen (Can be used on HM80 with stamped steel
411	30000	•
		recoil starter)
/12	650907	Screw, 5/16-18 x 1-5/8" (Can be used on HM80 with
413	00001	
		stamped steel recoil starter)
420	730225	SAE 30, 4-Cycle Engine Oil (Quart)
	730226	SAE 5W30, 4-Cycle Engine Oil (Quart)
<del>4</del> 21		one orroo, + oyole Eligille Oli (Qualt)

Ref #	Part Number	Qty Description
425	730572	Starter Muff Kit (Incl. 370J, 426 & 4 27) (Can be used on HM80 with die cast starter)
429	650868	Screw, 8-18 x 1-1/8" (3 Required) (Use as required) (Refer to Mechanics Handbook for installation instructions).
430	611077	Alternator, Add on (Use as required) (Refer to Mechanics Handbook for installation instructions).
431	590609	Centering tube (Use with engines equipped with die cast aluminum starter)(Use as required) (Refer to Mechanics Handbook for installation instructions)
431	590610	Centering tube (Use as required) (Refer to Mechanics Handbook for installation instructions).
432	611078	A.C. Lighting Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).
432	611079	D.C. Charging Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).
433	590611	Alternator Shaft (4.00") (Use with engines equipped with cast aluminum starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).
433	590636	Alternator Shaft (Use with engines equipped with stamped steel starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).



		/ Description
62	650760	Screw, 8-32 x 3/8"
63	28545	Grommet, Plastic
	31855	Retainer, Bearing
	31000	
97		Lockwasher, Heavy split, #10 (Buy loc ally)
131	650802	Screw, 1/4-20 x 5/8" (Use as required )
131	650737	Screw, 1/4-20 x 1/2" (Use as required )
	650738	Screw, 1/4-20 x 5/8" (Use as required )
	650128	Screw, 10-24 x 1/2"
174	650597	Screw, 10-24 x 5/8"
227	730127	Air Cleaner Ass'y. (Incl.238,239,240,241,243,245 & 370)
		(Use as required)
227	730164	Air Cleaner Ass'y. (Incl. 238, 239, 240, 241, 243 & 245) (Use
		as required)
		as required)
228A	650824	Stud, 1/4-20 x 7.33 (Use as required)
	650851	Stud, 1/4-20 x 8.1 (Use as required) (Used with drilled thru
ZZðA	1 COUCO	
		elbow)
0454	24700	Floment Air closer
	34700	Element, Air cleaner
274	35865	Gasket, Exhaust (Use as required)
275B	391026	Muffler (Incl. 284, 284A & 416A) (This spark arresting muffler
		can be used on any model.)
		can be used on any model.
275C	35824	Muffler (Optional quiet muffler)
	650729	Screw, 5/16-18 x 3-3/16"
	650696	Screw, 5/16-18x2-3/4" (Used with 276A )
292	26460	Clamp, Fuel line (Use as required)
298	650665	Screw, 1/4-15 x 7/8"
	35857	Valve, Fuel shut-off
	34870	Decal, Instruction Can be used on HM80 with diecast starter.
370B	34387	Decal, Instruction Can be used on HM80 with stamped steel
		recoil starter.
395	33329D	Starter Motor Kit (110-120 Volt) This 110-120 volt starter
		motor kit may have been added to this engine. It can be
		added only if cylinder hasdrilled and tapped starter mounting
		bosses and a ring gear flywheel. Refer to service number
		stamped on end cap of motor, or on decal for identification.
		Ref
408	35570	Screen Seal (Can be used on HM80 with stamped steel
		recoil starter)
409	35569	Spacer (Can be used on HM80 with stamped steel recoil
100		
		starter)
410	730573	Debris Screen Kit (Incl. 360, 370B, 387, 411 &413) (Can be
410	130313	
		used on HM80 with stamped steel recoil starter)
111	35568	Debric Screen (Can be used on UM90 with stamped steel
411	30300	Debris Screen (Can be used on HM80 with stamped steel
		recoil starter)
440	660007	Porous E/16 10 x 1 E/01/ (Con be used as LIN 100 with
413	650907	Screw, 5/16-18 x 1-5/8" (Can be used on HM80 with
		stamped steel recoil starter)
- /		· ,
	730130	Exh.Adapter Kit (Incl.274,277)(Use as req.)
425	730572	Starter Muff Kit (Incl. 370J, 426 & 4 27) (Can be used on
0		HM80 with die cast starter)
		I INIOU WILLI UIE VASI SIALIEL
429	650868	Screw, 8-18 x 1-1/8" (3 Required) (Use as required) (Refer to
-120		
		Mechanics Handbook for installation instructions).

Ref #	Part Number	Qty	Description
430	611077		Alternator, Add on (Use as required) (Refer to Mechanics Handbook for installation instructions).
431	590609		Centering tube (Use with engines equipped with die cast aluminum starter)(Use as required) (Refer to Mechanics Handbook for installation instructions)
431	590610		Centering tube (Use as required) (Refer to Mechanics Handbook for installation instructions).
432	611078		A.C. Lighting Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).
432	611079		D.C. Charging Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).
433	590611		Alternator Shaft (4.00") (Use with engines equipped with cast aluminum starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).
433	590636		Alternator Shaft (Use with engines equipped with stamped steel starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).



Ref #	Part Number	Qty Description
	650760	Screw, 8-32 x 3/8"
	650489	Screw, 1/4-20 x 5/8"
	610848	Magneto (w/ring gear for 110 volt sta rter) NOTE: The
100		complete magneto is not available as an assembly. The
		magneto number is shown for reference purposes only. Order
		component parts individually, as shown in parts list. (Refer to
		Division 5, Section B, page 28 for breakdown or Fiche 18A-1,
		Grid G
		Gild G
183	34587	Bracket, Choke
186	34667	Link, Governor
200A	34664	Control Bracket (Incl.19,203,204,206, 209)
203	31342	Spring, Compression
204	650549	Screw, 5-40 x 7/16"
206	610973	Terminal Assy. (Use as required)
207	33878	Link, Governor-to-throttle
209	650821	Screw, 10-32 x 1/2"
	27793	Clip, Conduit
	28942	Screw, 10-32 x 3/8"
	34586	Rod, Choke
	35438	Knob, Control
	28820	Screw, 10-32 x 1/2"
	34145	Blower Housing (For electric starter)
	35824	Muffler (Optional quiet muffler)
	650696	Screw, 5/16-18x2-3/4" (Used with 276A )
	33662	Hub & Screen Assy., Starter
	29774	Fuel Line (Braided 8-1/4")(21 cm)(As req.)
	30705	Fuel Line (Braided 16")(41 cm)(Use as req.)
	30962	Fuel Line (Braided 32")(81 cm)(Use as req.)
	410144B	Fuel Cap (White Plastic)(Std)(1-1/2" I.D.)
	33032	Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (1-3/16"
		I.D.)
004	2424.0	,
301	34210	Fuel Cap (Red Plastic) (Spurt Resistant, High Profile)
		(1-3/16" l.D)
301	35355	Fuel Cap (Red plastic) (1-1/2" I.D.)
313A	33876	Gasket, Stator
	35038	Spacer, Tank
341	34155	Bracket, Fuel tank mounting
342	650561	Screw, 1/4-20 x 5/8"
350	570629A	Primer Assy.
351	32180C	Primer Line
370B	34387	Decal, Instruction Can be used on HM80 with stamped steel
		recoil starter.
ר ∩ <del>כ</del> כ	34870	Decal, Instruction Can be used on HM80 with diecast starter.
	30547A	•
	30547A 30548B	Contact Assy., Breaker Condenser
408	35570	Screen Seal (Can be used on HM80 with stamped steel
		recoil starter)
409	35569	Spacer (Can be used on HM80 with stamped steel recoil
		starter)
/10	730573	Debris Screen Kit (Incl. 360, 370B, 387, 411 &413) (Can be
410	100010	used on HM80 with stamped steel recoil starter)
411	35568	Debris Screen (Can be used on HM80 with stamped steel
		recoil starter)

Ref #	Part Number	Qty	Description
413	650907		Screw, 5/16-18 x 1-5/8" (Can be used on HM80 with stamped steel recoil starter)
425	730572		Starter Muff Kit (Incl. 370J, 426 & 4 27) (Can be used on HM80 with die cast starter)
429	650868		Screw, 8-18 x 1-1/8" (3 Required) (Use as required) (Refer to Mechanics Handbook for installation instructions).
430	611077		Alternator, Add on (Use as required) (Refer to Mechanics Handbook for installation instructions).
431	590609		Centering tube (Use with engines equipped with die cast aluminum starter)(Use as required) (Refer to Mechanics Handbook for installation instructions)
431	590610		Centering tube (Use as required) (Refer to Mechanics Handbook for installation instructions).
432	611078		A.C. Lighting Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).
432	611079		D.C. Charging Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).
433	590611		Alternator Shaft (4.00") (Use with engines equipped with cast aluminum starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).
433	590636		Alternator Shaft (Use with engines equipped with stamped steel starter)(Use as required) (Refer to Mechanics Handbook for installation instructions).