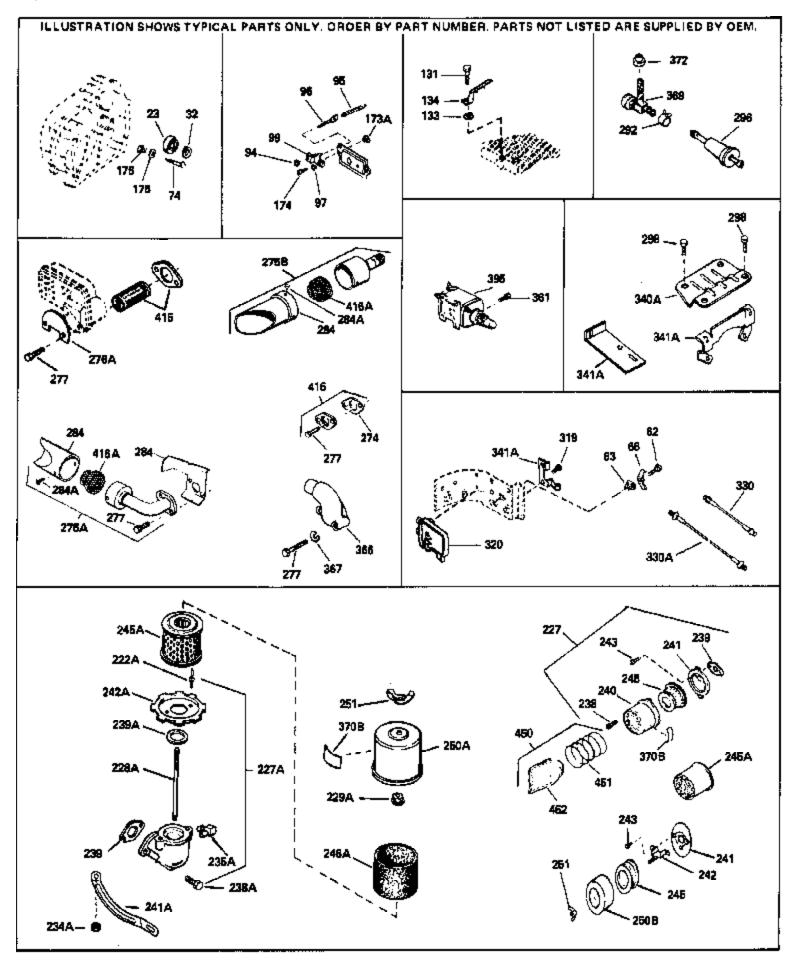


Ref #	Part Number Qty	/ Description
	34348B	Cylinder (Incl.2,20,72,72A) (3-1/8" B ore)
	27652	Pin, Dowel
	650820	Screw, 1/4-20 x 1/2"
	30968	Nipple, Pipe
	30969	Cap, Oil drain
	30700	Yoke, Governor
	30699C	Rod Assy., Governor (Incl. 15A & 15B)
	650494	Screw, 6-40 x 5/16"
	33454	Governor Lever Assy.
	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	
	29826	Crankshaft (Incl. 108 & 109)
		Screw, 10-32 x 3/4"
	29918	Lockwasher, #8 E.T.
	29216	Nut & Lockwasher, 10-32 "Keps"
	30322	Locknut, Hex "Keps", 8-32
	29642	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"
	35262	* Gasket, Cylinder cover
	33367B	Cylinder Cover (Incl. 71, 75, 80, 311 & 312)
	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"
	650832	Screw, 1/4-20 x 1-11/16"
	32589	Key, Flywheel
	650815	Washer, Belleville
	8116	Nut, Hex (1/2-20)
30		
101	010110	Cover, Spark Diud (Use as required)
101 103	650489	Cover, Spark plug (Use as required) Screw, 1/4-20 x 5/8"

		y Description
	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)
	650691	Washer (Use as req., but not w/6021A screw)
	650690	Washer, Belleville
	650727	Screw, 5/16-18 x 1-3/4" (Use as required)
	650694A	Screw, 5/16-18 x 2" (Use as required)
130A	6021A	Screw, 5/16-18 x 1-1/2" (Use as required, but do notuse with
		650691 washer)
131A	650713	Screw, 5/16-18 x 5/8" (Use as require d)
131A	792028	Screw, 5/16-18 x 7/8" (Use as require d)
131	650802	Screw, 1/4-20 x 5/8" (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)
	33636	Resistor Spark Plug (RJ17LM)
	33369	Bracket, Governor gear
	650836	Screw, 10-24 x 1/2"
	27882	Cap, Upper valve spring
	35862	Seal Assy., Intake valve
	27881	Spring, Valve
	32581	Cap, Lower valve spring
	27896A	* Gasket, Breather cover
	28423	Body, Breather
	28424	Element, Breather
	28425	Cover, Valve spring
	35350	Tube, Breather
174	650128	Screw, 10-24 x 1/2"
174	650597	Screw, 10-24 x 5/8"
178	29752	Nut & Lockwasher, 1/4-28
	30593	Clip, Primer line (Use as required)
	30088A	Screw, 1/4-28 x 1"
	33263	* Gasket, Carburetor
	33877	Pipe, Intake
	31342	Spring, Compression
	650549	Screw, 5-40 x 7/16"
	610973	Terminal Assy. (Use as required)
	27793	Clip, Conduit
	28942	•
		Screw, 10-32 x 3/8" Screw, Tory T 20, 5/16, 18 x 1, 1/8 "
	650378	Screw, Torx T-30, 5/16-18 x 1-1/8 "
	27915A	* Gasket, Intake pipe
	35447A	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"
265	33272B	Cover, Cylinder head
275C	35824	Muffler (Optional quiet muffler)
	35056	Muffler
	31588	Plate, Muffler locking
	651002	Screw, 5/16-18 x 4-3/16"
	650696	Screw, 5/16-18x2-3/4" (Used with 276A)
2.11		

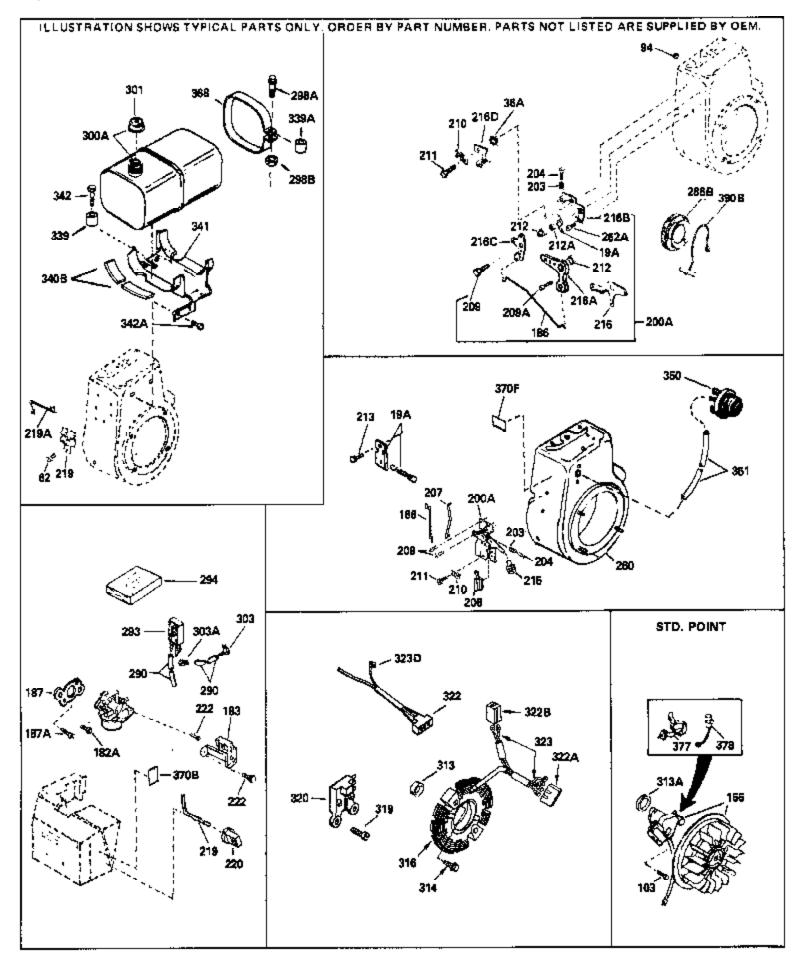
		ty Description
281	33013	Cover, Starter bubble
282	650760	Screw, 8-32 x 3/8"
	33662	Hub & Screen Assy., Starter
	29752	Nut & Lockwasher, 1/4-28
	29774	Fuel Line (Braided 8-1/4")(21 cm)(As req.)
	30705	Fuel Line (Braided 16")(41 cm)(Use as req.)
290	30962	Fuel Line (Braided 32")(81 cm)(Use as req.)
292	26460	Clamp, Fuel line (Use as required)
298	650665	Screw, 1/4-15 x 7/8"
	34156A	Fuel Tank (Incl. 292 & 301) NOTE: These tanks were
000	01100/1	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 Cap (White Plastic)(Std)(1-1/2" I.D.)
301	33032	Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (1-3/16
		I.D.)
201	34210	Fuel Cap (Red Plastic) (Spurt Resistant, High Profile)
301	34210	
		(1-3/16" I.D)
301	35355	Fuel Cap (Red plastic) (1-1/2" I.D.)
	33893A	Tube, Oil fill
	33590	"O" Ring
	34011A	Dipstick (Incl. 306)
325	29443	Clip, Fuel line (Use as required)
325	34246	Clip, Ground wire (Use as required)
328	35593	Ignition Key
	610973	Terminal Assy.
	35305	Wire, Ground
	650765	Screw, 10-32 x 1/2"
	35057A	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
370A	34686	Decal, Name
	34417	Decal, Primer
	34414	Decal, Warning
	35080	Decal, Instruction
		•
	34416	Decal, Instruction
	631021	Inlet Needle, Seat & Clip Assy.
380	632334A	Carburetor (Incl. 184) (Refer to Division 5, Section A, page
		188 for breakdown or Fiche18A-1, Grid F-5)
	F00F70	· ,
390	590573	Rewind Starter (Refer to Division 5, Section C, page 30 for
		breakdown or Fiche 18A-1, Grid G-5)
400	222700	Coolect Cot (Incl. items may ice 1*)
	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)

Ref #	Part Number	Qty Description
410	730573	Debris Screen Kit (Incl. 360, 370B, 387, 411 &413) (Can be used on HM80 with stamped steel recoil starter)
411	35568	Debris Screen (Can be used on HM80 with stamped steel recoil starter)
413	650907	Screw, 5/16-18 x 1-5/8" (Can be used on HM80 with stamped steel recoil starter)
420	730225	SAE 30, 4-Cycle Engine Oil (Quart)
421	730226	SAE 5W30, 4-Cycle Engine Oil (Quart)
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).



		y Description
	650760	Screw, 8-32 x 3/8"
63	28545	Grommet, Plastic
74	31855	Retainer, Bearing
97		Lockwasher, Heavy split, #10 (Buy loc ally)
	650802	Screw, 1/4-20 x 5/8" (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)
174	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)
0004	050004	
	650824	Stud, 1/4-20 x 7.33 (Use as required)
228A	650851	Stud, 1/4-20 x 8.1 (Use as required) (Used with drilled thru
		elbow)
- <i>1</i> - 1	0.1700	
	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.)
	35824	Muffler (Optional quiet muffler)
277	651002	Screw, 5/16-18 x 4-3/16"
277A	650696	Screw, 5/16-18x2-3/4" (Used with 276A)
	26460	Clamp, Fuel line (Use as required)
	650665	Screw, 1/4-15 x 7/8"
	35305	Wire, Ground
369	35857	Valve, Fuel shut-off
370B	34387	Decal, Instruction Can be used on HM80 with stamped steel
		recoil starter.
070	0.4070	
	34870	Decal, Instruction Can be used on HM80 with diecast 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
100		recoil starter)
		,
409	35569	Spacer (Can be used on HM80 with stamped steel recoil
		starter)
410	730573	Debris Screen Kit (Incl. 360, 370B, 387, 411 &413) (Can be
		used on HM80 with stamped steel recoil starter)
4.4.4		• • • •
411	35568	Debris Screen (Can be used on HM80 with stamped steel
		recoil starter)
140	650007	Scrow 5/16-18 x 1-5/2" (Cap ha used on UM/00 with
413	650907	Screw, 5/16-18 x 1-5/8" (Can be used on HM80 with
		stamped steel recoil starter)
115	730130	Exh.Adapter Kit (Incl.274,277)(Use as req.)
425	730572	Starter Muff Kit (Incl. 370J, 426 & 4 27) (Can be used on
		HM80 with die cast starter)
100	650868	Screw, 8-18 x 1-1/8" (3 Required) (Use as required) (Refer to
429		
		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).



		Description
62	650760	Screw, 8-32 x 3/8"
103	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
183	34587	Bracket, Choke
186	34667	Link, Governor
	34664	Control Bracket (Incl.19,203,204,206, 209)
	31342	
		Spring, Compression
	650549	Screw, 5-40 x 7/16"
	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
220	35438	Knob, Control
222	28820	Screw, 10-32 x 1/2"
	35447A	Blower Housing (For electric starter)
	35824	
		Muffler (Optional quiet muffler)
	650696	Screw, 5/16-18x2-3/4" (Used with 276A)
286B	33662	Hub & Screen Assy., Starter
290	29774	Fuel Line (Braided 8-1/4")(21 cm)(As req.)
290	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.)
301	33032	Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (1-3/16"
		I.D.)
301	34210	Fuel Cap (Red Plastic) (Spurt Resistant, High Profile)
501	57210	(1-3/16" I.D)
		(1-5/10 I.D)
301	35355	Fuel Cap (Red plastic) (1-1/2" I.D.)
	33876	Gasket, Stator
	35038	Spacer, Tank
	34155	Bracket, Fuel tank mounting
342	650561	Screw, 1/4-20 x 5/8"
350	570682	Primer Assy.
	32180C	Primer Line
	34387	
3/00	34307	Decal, Instruction Can be used on HM80 with stamped steel
		recoil starter.
370 I	34870	Decal, Instruction Can be used on HM80 with diecast starter.
	30547A	Contact Assy., Breaker
	30548B	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)
110	700570	
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	00000	שבאהש שכובבה (שמוד אב עשבע טודר וואוטט אונוד אמוווףבע אנפר
		recoil starter)

	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).