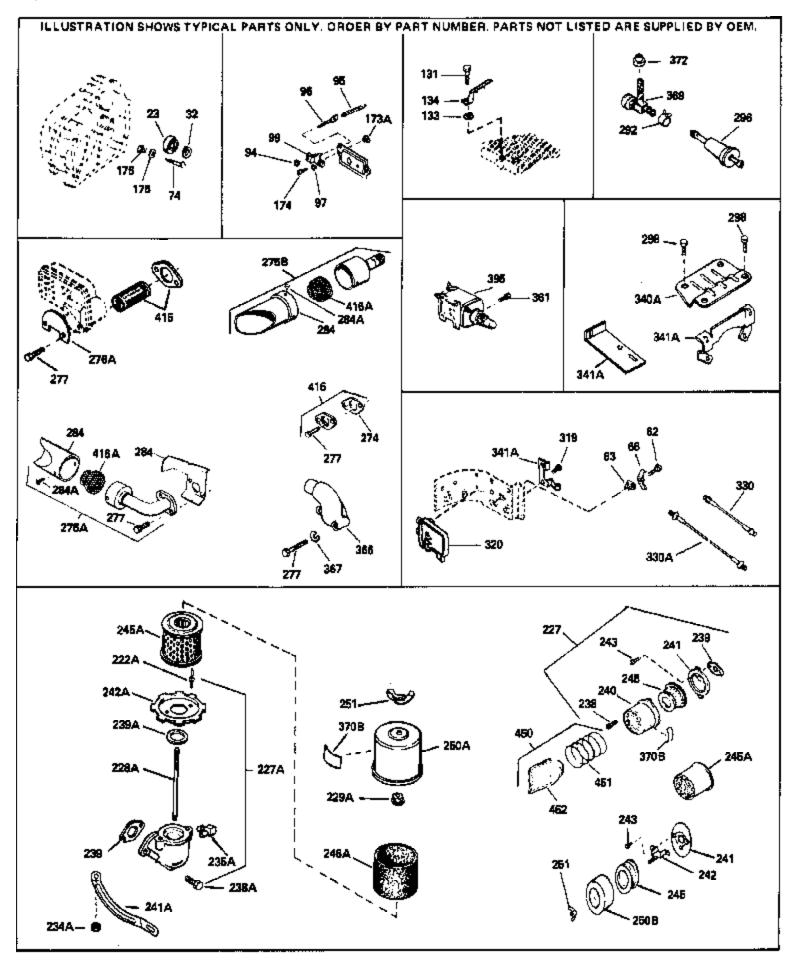


Ref #	Part Number	Qty	Description
1	34348B		Cylinder (Incl.2,20,72,72A) (3-1/8" B ore)
2	27652		Pin, Dowel
15	30699C		Rod Assy., Governor (Incl. 15A & 15B)
15A	30700		Yoke, Governor
15B	650494		Screw, 6-40 x 5/16"
16	33454		Governor Lever Assy.
17	29916		Clamp, Governor lever
18	650548		Screw, 8-32 x 5/16"
20	32630		Seal, Oil
	35256A		Baffle, Blower housing
	650561		Screw, 1/4-20 x 5/8"
	34044A		Crankshaft (Incl. 108 & 109)
	33628		Washer, Thrust
	29826		Screw, 10-32 x 3/4"
	29918		Lockwasher, # 8 E.T.
	30322		Locknut, Hex "Keps", 8-32
	29216		Nut & Lockwasher, 10-32 "Keps"
	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
	650760		Screw, 8-32 x 3/8"
	28545		Grommet, Plastic
	650128		Screw, 10-24 x 1/2"
	35262		* Gasket, Cylinder cover
	33626B		Cyl. Cover (Incl.71,74,75,80,175,176, 311,312)
	27642		Plug, Oil drain
	33625		Seal, Oil
	31845		Shaft, Mechanical governor
	31947		Gear Assy., Governor
	32324		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"
	29783		Pin, Crankshaft gear
	33245		Gear, Crankshaft
	30831		Ground Wire
	34041A		* Gasket, Head
	34030A		Head, Cylinder
	27878A		Exhaust Valve (Std.) (Incl. 151)
120			

Ref # Part Number	Qty Description
125 27880A	Exhaust Valve (1/32" OS) (Incl. 151)
126 34035	Intake Valve (Std.) (Incl. 151)
126 34036	Intake Valve (1/32" OS) (Incl. 151)
127A 26073	Washer, Flat (Use as required)
127A 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 required)
130 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)
131 650737	Screw, 1/4-20 x 1/2" (Use as required)
131 650738	Screw, 1/4-20 x 5/8" (Use as required)
135 33636	Resistor Spark Plug (RJ17LM)
139 33369	Bracket, Governor gear
140 650836	Screw, $10-24 \times 1/2$ "
149A 35862	•
	Seal Assy., Intake valve
149 27882	Cap, Upper valve spring
150 27881	Spring, Valve
151 32581	Cap, Lower valve spring
169 27896A	* Gasket, Breather cover
170 28423	Body, Breather
171 28424	Element, Breather
172 28425	Cover, Valve spring
173 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
179B 30593	Clip, Primer line (Use as required)
182 30088A	Screw, 1/4-28 x 1"
184 33263	* Gasket, Carburetor
185 34707	Pipe, Intake
206 610973	Terminal Assy. (Use as required)
223 650378	Screw, Torx T-30, 5/16-18 x 1-1/8 "
224 27915A	* Gasket, Intake pipe
260 33375D	Blower Housing (For electric starter)
261 650788	Screw, 5/16-18 x 3/4" (Use as require d)
262 29747B	Screw, 5/16-24 x 21/32"
265 33272B	Cover, Cylinder head
275C 35824	Muffler (Optional quiet muffler)
275 33280A	Muffler
277A 650696	Screw, 5/16-18x2-3/4" (Used with 276A)
277 650729	Screw, 5/16-18 x 3-3/16"
281 33013	Cover, Starter bubble
282 650760	Screw, 8-32 x 3/8"
286B 33662	Hub & Screen Assy., Starter
287 29752	Nut & Lockwasher, 1/4-28
290 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.)
292 26460	Clamp, Fuel line (Use as required)
298 650665	Screw, 1/4-15 x 7/8"

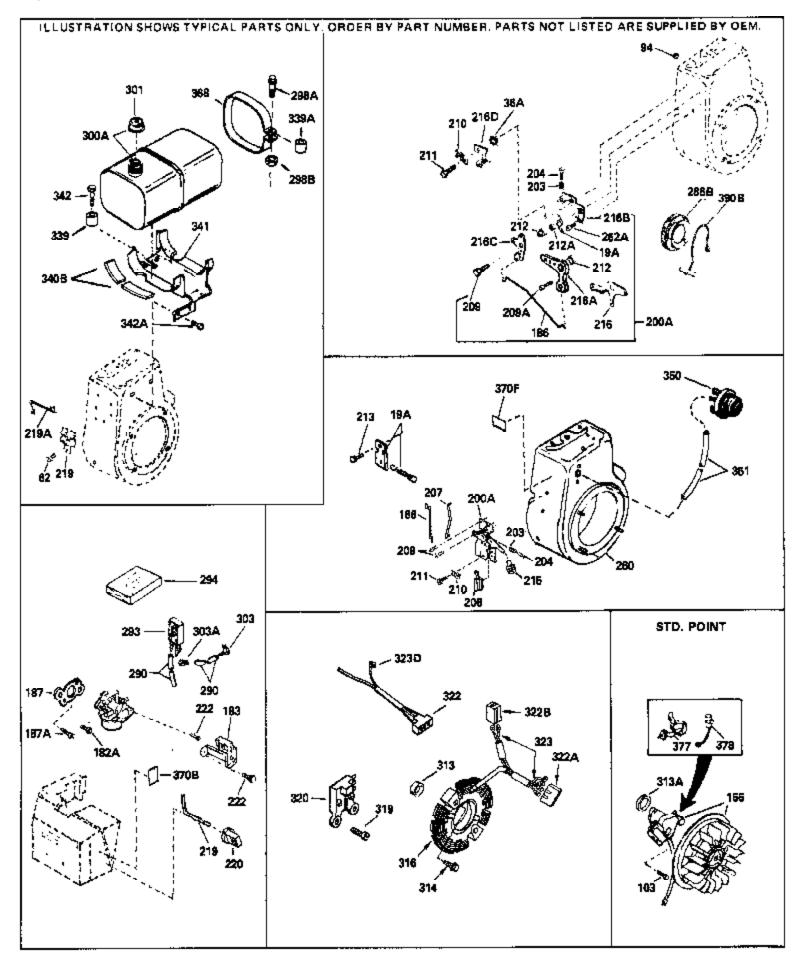
		Qty Description
300	34156A	Fuel Tank (Incl. 292 & 301) NOTE: These tanks were builtwith different size fuel inlet openings. Tanks with the 1-3/16" I.D. opening use fuel cap 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355.
	410144B 33032	Fuel Cap (White Plastic)(Std)(1-1/2" I.D.) Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (1-3/16" I.D.)
301	34210	Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (1-3/16" I.D)
306 310A 325 325 340 341 342 370A 370A 370J 370J 379	35355 29673 35941 29443 34246 34154 34155 650561 34686 34346 34346 34870 631021 632351	 Fuel Cap (Red plastic) (1-1/2" I.D.) * Gasket, Oil fill Dipstick (Incl. 306) Clip, Fuel line (Use as required) Clip, Ground wire (Use as required) Plate, Fuel tank mounting Bracket, Fuel tank mounting Screw, 1/4-20 x 5/8" Decal, Name Decal, Instruction Decal, Instruction Can be used on HM80 with diecast starter. Inlet Needle, Seat & Clip Assy. Carburetor (Incl. 184) (Refer to Division 5, Section A, page 188 for breakdown or Fiche18A-1, Grid F-5)
390	590479	Rewind Starter (Refer to Division 5, Section C, page 30 for breakdown or Fiche 18A-1, Grid G-5)
	33279G 35570	Gasket Set (Incl. items marked*) 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)
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)
421	730225 730226 730572	SAE 30, 4-Cycle Engine Oil (Quart) SAE 5W30, 4-Cycle Engine Oil (Quart) 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).

Ref #	Part Number	Qty	Description
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).



		ty Descri	
23	33627	Bearin	ng, Ball
32	33628	Wash	er, Thrust
62	650760		v, 8-32 x 3/8"
	28545		met, Plastic
	33356		nal, Ground
			•
	31855		ner, Bearing
	33450		ock, 10-32
95	32329	Spring	, Governor extension
96	30845A	Bolt, C	Sovernor spring adjusting
97			/asher, Heavy split, #10 (Buy loc ally)
	650802	Screw	, 1/4-20 x 5/8" (Use as required)
	650737		$(1/4-20 \times 1/2)^{-1}$ (Use as required)
	650738		, 1/4-20 x 5/8" (Use as required)
	650890		er, Lock, 5/16"
134	30747	Clip, S	Spark plug shorting
174	650128	Screw	v, 10-24 x 1/2"
	650597		, 10-24 x 5/8"
	650778	Lockw	
	650580		ock, 10-24
			•
221	730127		eaner Ass'y. (Incl.238,239,240,241,243,245 & 370)
		(Use a	as required)
202	730164	Air Clo	eaner Ass'y. (Incl. 238, 239, 240, 241, 243 & 245) (Use
221	730104		
		as req	uirea)
2284	650824	Stud	1/4-20 x 7.33 (Use as required)
	650851		1/4-20 x 8.1 (Use as required) (Used with drilled thru
ZZOA	000001		
		elbow)	
239	27272A	* Gasl	ket, Air cleaner
	27272A		ket, Air cleaner
			-
	33266		et, Air cleaner
	33267		et, Air cleaner
243	28820	Screw	v, 10-32 x 1/2"
245	33268	Eleme	ent, Air cleaner
245A	34700	Eleme	ent, Air cleaner
	33269A		, Air cleaner
	650513		Ving, 1/2-20
	35865		et, Exhaust (Use as required)
	35824		r (Optional quiet muffler)
275B	391026	Muffle	r (Incl. 284, 284A & 416A) (This spark arresting muffler
		can be	e used on any model.)
0701	044704		• •
	34479A	•	Arrester Kit (Incl. 277A) (Also as an optional part)
	650696	Screw	v, 5/16-18x2-3/4" (Used with 276A)
277	650729	Screw	v, 5/16-18 x 3-3/16"
	26460		o, Fuel line (Use as required)
	650665		, 1/4-15 x 7/8"
	34870		Instruction Can be used on HM80 with discast starter.
370B	34387		Instruction Can be used on HM80 with stamped steel
		recoil	starter.
	33329D	Storto	r Motor Kit (110-120)/olt) This 110-120 yolt starter
205	300Z3D		r Motor Kit (110-120 Volt) This 110-120 volt starter
395			
395			kit may have been added to this engine. It can be
395		added	l only if cylinder hasdrilled and tapped starter mounting
395		added	
395		added bosse:	l only if cylinder hasdrilled and tapped starter mounting

		Qty	Description
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)
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)
	730130 730572		Exh.Adapter Kit (Incl.274,277)(Use as req.) 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
	650760	Screw, 8-32 x 3/8"
	33450	Nut Lock, 10-32
	650489	Screw, 1/4-20 x 5/8"
156	610842	Magneto (Incl. 377 & 378) NOTE: The 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-1)
2000	C10070	
	610973	Terminal Assy. (Use as required)
	33878	Link, Governor-to-throttle
	33375D	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.)
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) (1-3/16" I.D)
301	35355	Fuel Cap (Red plastic) (1-1/2" I.D.)
	33876	Gasket, Stator
	35038	Spacer, Tank
	34155	Bracket, Fuel tank mounting
	650561	Screw, 1/4-20 x 5/8"
	34870	Decal, Instruction Can be used on HM80 with diecast starter.
	34387	Decal, Instruction Can be used on HM80 with stamped steel
3700	0-007	recoil starter.
377	30547A	Contact Assy., Breaker
378	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)
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)
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)

Ref #	Part Number	Qty Description
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).