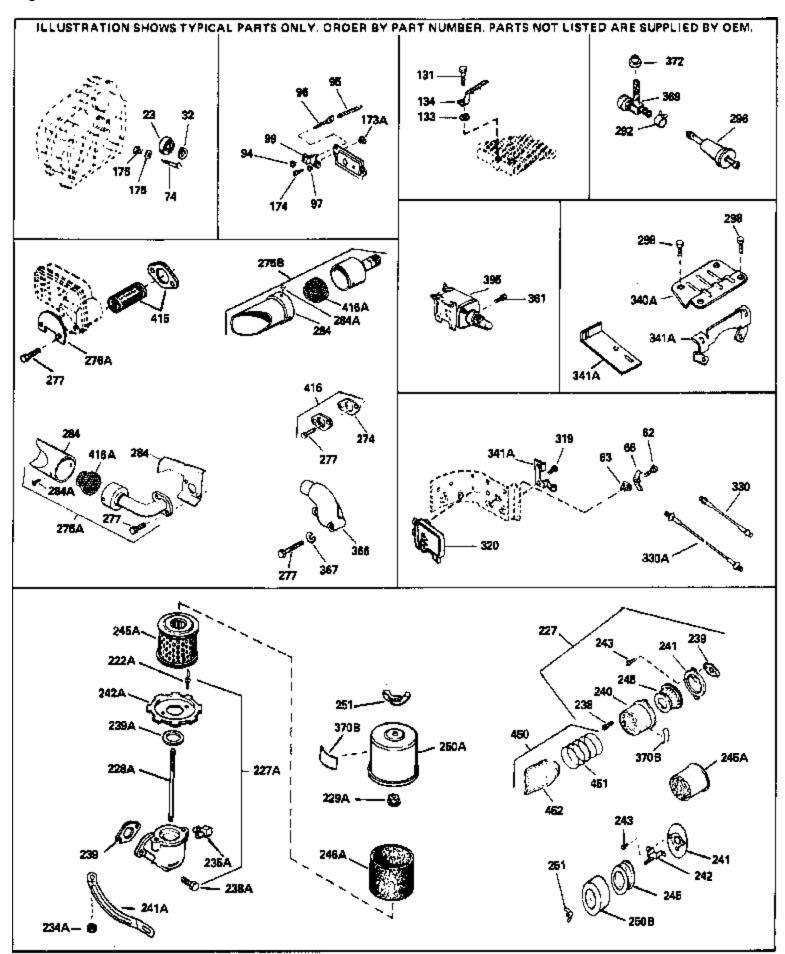


Ref #	Part Number Q	ty Description
	35385	Cylinder (Incl. 2,20,72,72A) (3-1/8" Bore)
	27652	Pin, Dowel
	650820	·
		Screw, 1/4-20 x 1/2"
	650494	Screw, 6-40 x 5/16"
	30700	Yoke, Governor
	30699C	Rod Assy., Governor (Incl. 15A & 15B)
	33454	Governor Lever Assy.
	29916	Clamp, Governor lever
	650548	Screw, 8-32 x 5/16"
	34663	Spring, Speed control
	35319	Seal, Oil
	35326	Baffle, Blower housing
	650561	Screw, 1/4-20 x 5/8"
	36245	Crankshaft
35	29826	Screw, 10-32 x 3/4"
36	29918	Lockwasher, #8 E.T.
37A	30322	Locknut, Hex "Keps", 8-32
37	29216	Nut & Lockwasher, 10-32 "Keps"
38	29642	Ring, Retaining
45	35373A	Rod Assy., Connecting (Incl. 49)
46	650908	Bolt, Connecting rod
	650882	Bolt, Connecting rod
	34034	Lifter, Valve
	35374	Dipper, Oil
	35375	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
	35376	Cover, Cylinder (Incl. 75, 80, 311 & 312)
	35377	Bushing, Crankshaft
	27642	<u> </u>
		Plug, Oil drain
	35319 31845	Seal, Oil
	31845	Shaft, Mechanical governor
	30590A	Washer, Flat
	35378	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
	611091	Flywheel (w/ring gear)
	650880	Washer, Belleville
	650881	Nut, Hex (5/8-18) (Add-on alternator)
	35135	Lamination Assy., Solid State
	610118	Cover, Spark plug (Use as required)
102	650872	Stud, Lamination mounting
103	650814	Screw, Torx T-15, 10-24 x 1"
110	35183	Ground Wire
119	34041A	* Gasket, Head
120	34030A	Head, Cylinder
125	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)
12171	· <del>-</del>	

Ref #	Part Number Qty	Description
127	650691	Washer (Use as req., but not w/6021A screw)
	650690	Washer, Belleville
	650727	Screw, 5/16-18 x 1-3/4" (Use as requi red)
130A	6021A	Screw, 5/16-18 x 1-1/2" (Use as required, but do notuse with
		650691 washer)
130	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 )
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)
	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
	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)
	30088A	Screw, 1/4-28 x 1"
	33263	* Gasket, Carburetor
	34707	Pipe, Intake
	31342	Spring, Compression
	650549	Screw, 5-40 x 7/16"
	610973 27793	Terminal Assy. (Use as required)
	28942	Clip, Conduit Screw, 10-32 x 3/8"
	650378	Screw, To-32 x 3/6 Screw, Torx T-30, 5/16-18 x 1-1/8 "
	27915A	* Gasket, Intake pipe
	33375D	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
	35824	Muffler (Optional quiet muffler)
	33756A	Muffler
	31588	Plate, Muffler locking
	650729	Screw, 5/16-18 x 3-3/16"
	650696	Screw, 5/16-18x2-3/4" (Used with 276A)
	33013	Cover, Starter bubble
	650760	Screw, 8-32 x 3/8"
	35287	Cup, Starter
	35446	Screen, Starter (Stationary)
	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.)
	30962	Fuel Line (Braided 32")(81 cm)(Use as req.)
	26460	Clamp, Fuel line (Use as required)
298	650665	Screw, 1/4-15 x 7/8"

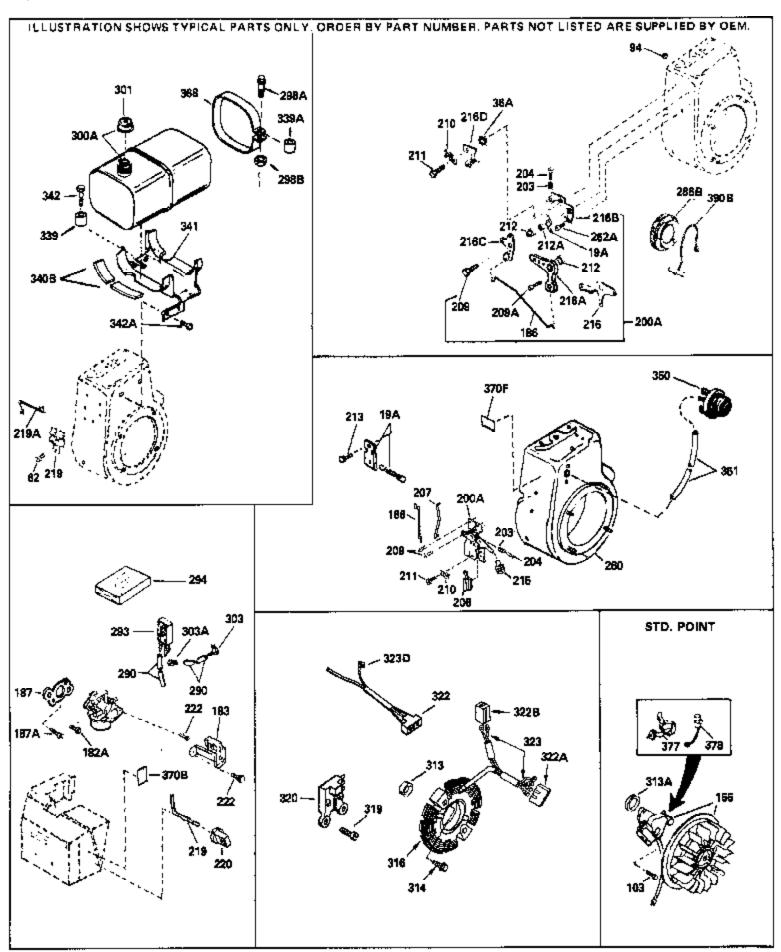
Dof #	Port Number	Oty Departmen
	Part Number 34156A	Qty Description Fuel Tank (Incl. 292 & 301) NOTE: These tanks were
300	34130A	builtwith different size fuel inlet openings. Tanks with the 1-3/16" I.D. opening use fuel cap 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355.
	410144B 33032	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)
306 310 325 325 327 340 341 342 370J 370A 379	35355 29673 31297 29443 34246 35392 34154 34155 650561 34870 34686 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) Plug, Starter Plate, Fuel tank mounting Bracket, Fuel tank mounting Screw, 1/4-20 x 5/8" Decal, Instruction Can be used on HM80 with diecast starter. Decal, Name Inlet Needle, Seat & Clip Assy. Carburetor (Incl. 184) (Refer to Division 5, Section A, page
390A	590633	188 for breakdown or Fiche18A-1, Grid F-5)  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)
	730225	SAE 30, 4-Cycle Engine Oil (Quart)
	730226 730572	SAE 5W30, 4-Cycle Engine Oil (Quart) Starter Muff Kit (Incl. 370J, 426 & 427) (Can be used on HM80 with die cast starter)
429	650868	Screw, 8-18 $\times$ 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 432 611078	Qty Description  A.C. Lighting Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).
432 611079	<ul> <li>D.C. Charging Connector (Use as required) (Refer to Mechanics Handbook for installation instructions).</li> </ul>
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).



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	Part Number	Qty	Description
	650760		Screw, 8-32 x 3/8"
	28545		Grommet, Plastic
	33356		Terminal, Ground
	31855		Retainer, Bearing
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 )
131	650738		Screw, 1/4-20 x 5/8" (Use as required )
133	650890		Washer, Lock, 5/16"
	30747		Clip, Spark plug shorting
	650128		Screw, 10-24 x 1/2"
	650597		Screw, 10-24 x 5/8"
	730127		Air Cleaner Ass'y. (Incl.238,239,240,241,243,245 & 370)
	. 55.2.		(Use as required)
227	730164		Air Cleaner Ass'y. (Incl. 238, 239, 240, 241, 243 & 245) (Use
			as required)
228A	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)
239	27272A		* Gasket, Air cleaner
	27272A		* Gasket, Air cleaner
	33266		Bracket, Air cleaner
	33267		Bracket, Air cleaner
	28820		Screw, 10-32 x 1/2"
	34700		Element, Air cleaner
	33268		Element, Air cleaner
	33269A		·
			Cover, Air cleaner
	650513		Nut, Wing, 1/2-20
	35865		Gasket, Exhaust (Use as required)
	35824		Muffler (Optional quiet muffler)
2/5B	391026		Muffler (Incl. 284, 284A & 416A) (This spark arresting muffler
			can be used on any model.)
	650729		Screw, 5/16-18 x 3-3/16"
277A	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"
370J	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
			T C I
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
110			used on HM80 with stamped steel recoil starter)
			·
411	35568		Debris Screen (Can be used on HM80 with stamped steel
			recoil starter)

	Part Number	Qty Description
413	650907	Screw, $5/16-18 \times 1-5/8$ " (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 & 427) (Can be used on HM80 with die cast starter)
429	650868	Screw, 8-18 $\times$ 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).



Pof #	Part Number Qty	Description
	650760	Screw, 8-32 x 3/8"
	650814	Screw, Torx T-15, 10-24 x 1"
	34661	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)
	33878	Link, Governor-to-throttle
	650821	Screw, 10-32 x 1/2"
	27793	Clip, Conduit
	28942	Screw, 10-32 x 3/8"
	33375D	Blower Housing (For electric starter)
	35824	Muffler (Optional quiet muffler)
	650696	Screw, 5/16-18x2-3/4" (Used with 276A)
	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"
001	00002	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.)
	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 recoil starter.
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 & 427) (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).

	Part Number 611078	Qty	Description 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).