

Ref # Part Number	
2 27652 Pin, Dowel 3 650820 Screw, 14-20 x 1/2" 15 30699C Rod Assy., Governor (Incl. 15A & 15B) 15B 650494 Screw, 6-40 x 5/16" 15A 30700 Yoke, Governor 16 33454 Governor Lever Assy. 17 29916 Clamp, Governor lever Assy. 18 650548 Screw, 8-32 x 5/16" 19 34683 Spring, Speed control 20 35319 Seal, Oil 25 35326 Baffile, Blower housing 26 650561 Screw, 14-20 x 5/5" 27 30 36245 Crankshaft 28 29918 Lookwasher, # 8 E.T. 28 37 30322 Lookmut, Hex "Keps", 8-32 29 37 29216 Nut & Lookwasher, # 8 E.T. 29 36 29918 Lookwasher, # 8 E.T. 37 30322 Lookmut, Hex "Keps", 8-32 37 29216 Nut & Lookwasher, # 8 E.T. 38 29642 Ring, Retaining 46 650908 Bolt, Connecting (Incl. 49) 46 650908 Bolt, Connecting rod 47 650882 Bolt, Connecting rod 48 34034 Lifter, Valve 49 35374 Dipper, Oil 50 35375 Carnshaft (MCR) 60 33273A Extension, Blower housing 66 650760 Screw, 8-32 x 3/8" 67 35376 Covern, 19-22 x 1/2" 69 35262 "Gasket, Cylinder cover 77 27 27642 Plug, Oil drain 78 3319 Seal, Oil 80 31845 Screw, 10-24 x 1/2" 79 35319 Seal, Oil 80 31845 Shaft, Mechanical governor 81 30 5890A Washer, Flat 81 30 5890A Washer, Flat 82 50082 Screw, 11-42 x 1-11/16" 83 30 5898 Key, Flywheel 84 29193 Ring, Retaining 86 650832 Screw, 11-42 x 1-11/16" 86 50088 Nut, Hex (68-18) (Add-on alternator) 85 50081 Nut, Hex (68-18) (Add-on alternator) 86 650881 Nut, Hex (68-18) (Add-on alternator) 87 5008 Lamination Assy., Solid State	
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100 35135 Lamination Assy., Solid State	
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101 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)	
125 27880A Exhaust Valve (1/32" OS) (Ind. 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)	
1217 Coocio	

Dof #	Part Number	Otr.	Description
		чιy	Description Wesher (Lise as regular but not w/6021A serow)
	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)
	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)
404 ^	650712		Corou E/16 10 v E/0" (Llos os require d)
	650713		Screw, 5/16-18 x 5/8" (Use as require d)
	792028		Screw, 5/16-18 x 7/8" (Use as require d)
	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)
139	33369		Bracket, Governor gear
140	650836		Screw, 10-24 x 1/2"
149	27882		Cap, Upper valve spring
149A	35862		Seal Assy., Intake valve
	27881		Spring, Valve
	32581		Cap, Lower valve spring
	27896A		* Gasket, Breather cover
	28423		Body, Breather
	28424		
	28425		Element, Breather
			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"
184	33263		* Gasket, Carburetor
185	34707		Pipe, Intake
203	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"
	650378		Screw, Torx T-30, 5/16-18 x 1-1/8 "
	27915A		* Gasket, Intake pipe
	33375D		Blower Housing (For electric starter)
	650788 30747B		Screw, 5/16-18 x 3/4" (Use as require d)
	29747B		Screw, 5/16-24 x 21/32"
	33272B		Cover, Cylinder head
	33756A		Muffler Muffler (Optional aniatom (flux)
	35824		Muffler (Optional quiet muffler)
	31588		Plate, Muffler locking
	650696		Screw, 5/16-18x2-3/4" (Used with 276A)
	650729		Screw, 5/16-18 x 3-3/16"
281	33013		Cover, Starter bubble
282	650760		Screw, 8-32 x 3/8"
	32125		Cup, Starter
	35194		Screen, 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.)
	30962		Fuel Line (Braided 32")(81 cm)(Use as req.)
	26460 650665		Clamp, Fuel line (Use as required)
298	650665		Screw, 1/4-15 x 7/8"

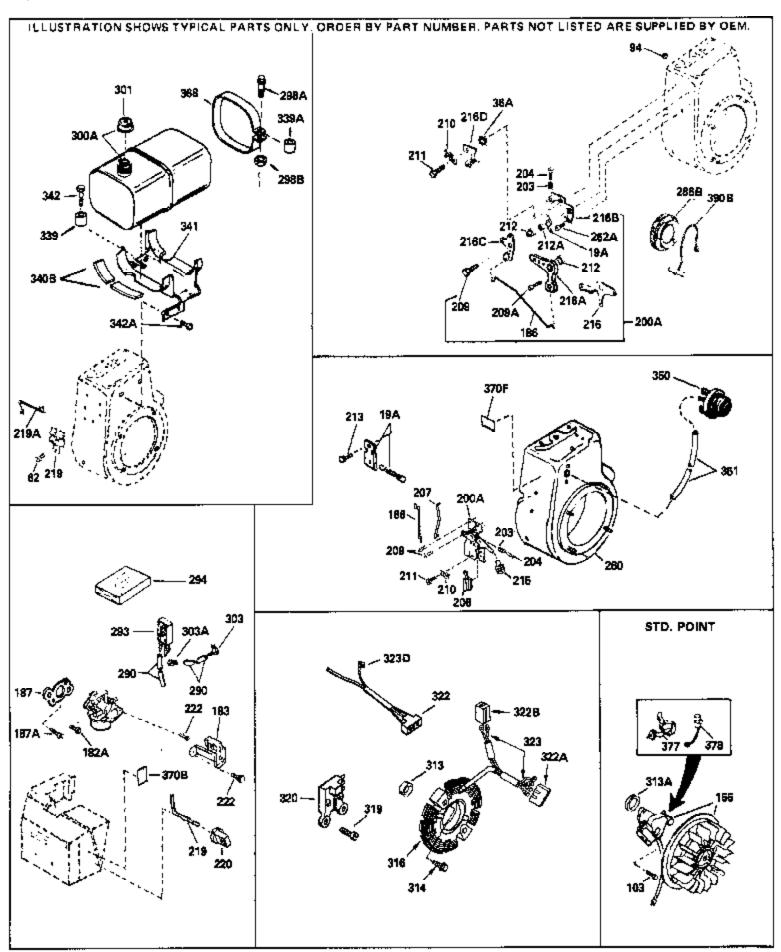
Dof #	Part Number	Oty Deceription
	Part Number 34156A	Qty Description Fuel Tank (Incl. 292 & 301) NOTE: These tanks were
300	34130A	builtwith different size fuel inlet openings. Tanks with the 1-3/16" I.D. opening use fuel cap 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355.
	410144B 33032	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)
306 310 325 325 340 341 342 370J 370A 370	35355 29673 31297 29443 34246 34154 34155 650561 34870 34686 34346 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, Instruction Can be used on HM80 with diecast starter. Decal, Name Decal, Instruction 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 It (Incl. 370J, 426 & 4 27) (Can be used on
429	650868	HM80 with die cast starter) 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).



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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)

		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 & 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).



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 10)(41 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"
301	33032	I.D.)
301	34210	Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (1-3/16" I.D)
201	35355	Fuel Con (Ped pleetie) (1.1/2" LD.)
	35038	Fuel Cap (Red plastic) (1-1/2" I.D.)
		Spacer, Tank Product. Fuel took mounting
	34155	Bracket, Fuel tank mounting
	650561	Screw, 1/4-20 x 5/8" Page I Instruction Can be used an HM90 with discost starter.
	34870 34387	Decal, Instruction Can be used on HM80 with discast starter.
3/00	34307	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).

Ref # Part Number 432 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).