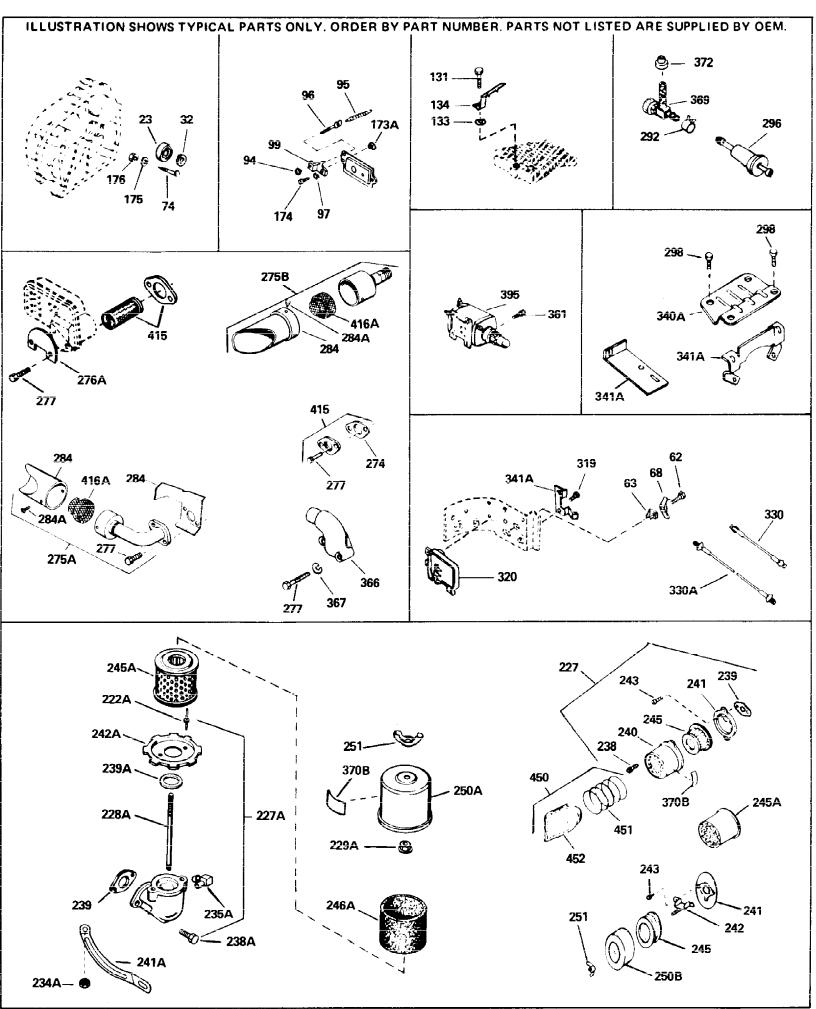


Rof #	Part Number	Otv	Description
	34809A	Qty	Cylinder (Incl.2,20 & 72)(3-1/8")(CI liner)
	27652		Pin, Dowel
	30700		Yoke, Governor
	650494		Screw, 6-40 x 5/16"
	30699C		Rod Assy., Governor (Incl. 15A & 15B)
	33454		Governor Lever Assy.
	29916		Clamp, Governor lever
	650548		Screw, 8-32 x 5/16"
	34663		Spring, Speed control
	32630		Seal, Oil
	35326		Baffle, Blower housing
26	650561		Screw, 1/4-20 x 5/8"
30	35216		Crankshaft (Incl. 108 & 109)
32	33628		Washer, Thrust
32	650625		Washer, Thrust
35	29826		Screw, 10-32 x 3/4"
36	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 (0.010" OS)
	34554		Piston, Pin & Ring Set (.020" OS)
	34329A		Piston & Pin Ass'y.(Std)(Incl.43)(3-1 /8")
	34330A		• , ,, ,, ,,
	34331A		Piston & Pin Ass'y. (.010" OS)(Incl. 43)
			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)
60	33273A		Extension, Blower housing
65	650128		Screw, 10-24 x 1/2"
69	35262		* Gasket, Cylinder cover
70	33626B		Cyl. Cover (Incl.71,74,75,80,175,176, 311,312)
72	31927		Plug, Oil drain
	33625		Seal, Oil
	31845		Shaft, Mechanical governor
	30590A		Washer, Flat
	30591		Gear Assy., Governor (Incl. 81)
	30588A		Spool, Governor
	29193		Ring, Retaining
	650488		Screw, 1/4-20 x 1-1/4"
	650493		Screw, 1/4-20 x 1-3/4"
	32589		Key, Flywheel
	611090		Flywheel
	650815		Washer, Belleville
	8116		Nut, Hex (1/2-20)
	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"	Ref #	Part Number	Otv	Description
104 31461 108 29783 109 33245 109 33245 110 35187 119 34041A 120 34030A 125 27878A 126 27878A 127 27878A 127 27878A 128 27878A 129 34036 125 27880A 126 34035 127 650691 127 650691 127 650691 127 650691 128 650690 128 650690 129 650727 120 650690 129 650727 120 650691 120 650690 121 650690 122 650690 123 650690 124 650690 125 650690 126 650690 127 650691 128 650690 129 650727 120 650691 129 650727 120 650691 129 650727 120 650690 120 650727 120 650690 121 650690 122 650727 123 650690 123 650737 124 650573 125 650802 126 650803 127 650803 127 650803 128 650803 129 650737 129 650737 129 650737 129 650738 129 650738 129 650739 129 650			ربي	
108 29783				·
109 33245 Gear, Crankshaft 110 35187 1110 35187 Ground Wire Gasket, Head 120 34030A Head, Cylinder 125 27878A Exhaust Valve (Std.) (Incl. 151) 126 34035 Intake Valve (Std.) (Incl. 151) 126 34035 Intake Valve (Std.) (Incl. 151) 127 650691 Washer (Use as req., but not wi6021A screw) Washer, Flat (Use as required) 127A 26073 Washer, Flat (Use as required) Washer, Flat (Use as required) 128 650690 Washer, Flat (Use as required) 129 650727 Screw, 5/16-18 x 1-1/2" (Use as required) 130 650694 Screw, 5/16-18 x 1-1/2" (Use as required) 131 650737 Screw, 5/16-18 x 8/8" (Use as required) 131 650738 Screw, 5/16-18 x 7/8" (Use as required) 131 650738 Screw, 1/4-20 x 1/2" (Use as required) 132 33636 Resistor Spark Plug (RJ17LM) 132 3369 Bracket, Governor gear 149 27882 Cap, Upper valve spring 149 27882 Cap, Upper valve spring 149 27882 Cap, Upper valve spring 172 28423 Screw, 1/2-24 x 5/8" (Use as required) 172 28423 Screw, 1/2-24 x 5/8" (Use as required) 173 34696 Tube, Breather Cover 174 29 5/8" (Use as required) 174 650128 Screw, 1/2-24 x 5/8" (Use as required) 174 650128 Screw, 1/2-24 x 5/8" (Use as required) 175 28423 Screw, 1/2-24 x 1/2" 175 28424 Element, Breather Cover 174 28425 Cap, Upper valve spring 174 28425 Cap, Upper valve spring 175 28423 Screw, 1/2-24 x 1/2" 174 650128 Screw, 1/2-24 x 1/2" 175 28425 Screw, 1/2-24 x 1/2" 176 28425 Screw, 1/2-24 x 1/2" 176 28425 Screw, 1/2-24 x 1/2" 176 28425 Screw, 1/2-24 x 1/2" Screw, 1/2-28 x 1/2" Screw, 1/2-24 x 1/2"				
110 35187 Ground Wire Gasket, Head 120 34030A Head, Cylinder Lead, Cylinder				
119 34041A				,
120 34030A Head, Cylinder 125 27878A Exhaust Valve (Std.) (Incl. 151) 126 27880A Exhaust Valve (Std.) (Incl. 151) 127 650681 Exhaust Valve (Std.) (Incl. 151) 128 634036 Intake Valve (V32" OS) (Incl. 151) 127 650681 Washer (Use as req., but not w/6021A screw) 127A 26073 Washer, Flat (Use as required) 127A 650570 Washer, Flat (Use as required) 128 650690 Washer, Flat (Use as required) 129 650727 Screw, 5/16-18 x 1-1/2" (Use as required) 130 65064A Screw, 5/16-18 x 1-1/2" (Use as required on totuse with 650691 washer) 130 65064A Screw, 5/16-18 x 2" (Use as required on totuse with 650691 washer) 131 650733 Screw, 5/16-18 x 7/8" (Use as required on totuse of the screw, 5/16-18 x 1/2" (Use as required on totuse of the screw, 5/16-18 x 5/8" (Use as requir				
Exhaust Valve (Std.) (Incl. 151)	119	34041A		* Gasket, Head
Exhaust Valve (1/32" OS) (Incf. 151)	120	34030A		Head, Cylinder
Intake Valve (Sid.) (Incl. 151)	125	27878A		Exhaust Valve (Std.) (Incl. 151)
Intake Valve (Sid.) (Incl. 151)	125	27880A		Exhaust Valve (1/32" OS) (Incl. 151)
126 34036				, , ,
127 650691 Washer, Flat (Use as required) 127A 26073 Washer, Flat (Use as required) 128 650690 Washer, Flat (Use as required) 129 650727 Screw, 5/16-18 x 1-3/4" (Use as required) 129 650727 Screw, 5/16-18 x 1-3/4" (Use as required) 130A 6021A Screw, 5/16-18 x 1-3/4" (Use as required, but do notuse with 650691 washer) 130 650694A Screw, 5/16-18 x 2" (Use as required, but do notuse with 650691 washer) 131A 650713 Screw, 5/16-18 x 7/8" (Use as required) 131A 650713 Screw, 5/16-18 x 7/8" (Use as required) 131 650737 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 1/2" (Use as required) 132 33636 Resistor Spark Plug (Ru17LM) 139 33369 Bracket, Governor gear 140 650836 Screw, 10-24 x 1/2" 149A 27882 Cap, Upper valve spring 140 650836 Screw, 10-24 x 1/2" 149A 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 34696 Tube, Breather 174 650128 Screw, 10-24 x 1/2" 175 650128 Screw, 10-24 x 1/2" 176 650128 Screw, 10-24 x 1/2" 177 650128 Screw, 10-24 x 1/2" 178 29752 Nut & Lockwasher, 1/4-28 179 3098A Screw, 10-24 x 1/2" 179 31342 Spring, Compression 185 34707 Pipe, Intake 185 34707 Pipe, Intake 185 34707 Pipe, Intake 186 33272B Screw, 5/16-24 x 2/1/32" 204 650548 Screw, 5/16-24 x 2/1/32" 205 3524 Muffler (Optional quiet muffler)				, , ,
127A 650570 128 650690 129 650727 130A 6021A 127 650570 128 650690 129 650727 130A 6021A 130A 6021A 130A 6021A 130A 6021A 130A 6021A 131A 650694A 131A 650713 131A 792028 131A 792028 131 650802 131 650802 131 650802 131 650737 131 650737 131 650738 131 650738 131 650738 131 650738 131 650738 132 53836 135 33836 135 33836 135 33836 135 33836 149 27882 149 27882 149 27882 150 27881 150 27881 151 32581 169 27896A 170 28423 171 28424 172 28424 172 28425 173 34696 174 650128 175 276 278 178 29752 178 29752 178 29752 178 29752 178 29752 178 29752 178 29752 179 3098A 185 34707 186 3278 185 2616 18 x 7/8" 199 1342 185 3363 185 34707 199 140 65078 180 2788 180 3088A 180 2788 2				
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128 650690 129 650727 130A 6021A Screw, 5/16-18 x 1-3/4" (Use as required) 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, but do notuse with 650691 washer) 131 A 650713 Screw, 5/16-18 x 7/8" (Use as required) Screw, 1/4-20 x 5/8" (Use as required) Screw, 10-24 x 1/2" Cap, Upper valve spring Screw, 10-24 x 1/2" Cap, Upper valve spring Screw, 10-24 x 1/2"				
129 650727 Screw, 5/16-18 x 1-3/4" (Use as required)				
130A 6021A Screw, 5/16-18 x 1-1/2" (Use as required, but do notuse with 650691 washer)				·
notuse with 650691 washer) 130 650694A				,
130 650694A Screw, 5/16-18 x 2" (Use as required) 131A 650713 Screw, 5/16-18 x 7/8" (Use as require d) 131 650802 Screw, 1/4-20 x 5/8" (Use as require d) 131 650737 Screw, 1/4-20 x 5/8" (Use as required) 131 650738 Screw, 1/4-20 x 5/8" (Use as required) 131 650738 Screw, 1/4-20 x 5/8" (Use as required) 132 33636 Resistor Spark Plug (RJ17LM) 133 33369 Bracket, Governor gear 140 650836 Screw, 1/2" 149A 27882 Cap, Upper valve spring 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 32496 Grommet, Breather tube 173 32446 Grommet, Breather tube 174 650128 Screw, 10-24 x 1/2" 178 29752 Nut & Lockwasher, 1/4-28 179 30088A Screw, 10-24 x 1/2" 180 30088A Screw, 1/4-28 x 1" 181 30088A Screw, 1/4-28 x 1" 182 30088A Screw, 1/4-28 x 1" 183 30378 Screw, 1/4-28 x 1" 184 33263 "Gasket, Carburetor 185 34707 Pipe, Intake 206 610973 Screw, 5/16-18 x 1-1/8 " 224 27915A Screw, 5/16-18 x 1-1/8 " 225 33272B Cover, Cylinder head Muffler (Optional quiet muffler)	130A	6021A		·
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 1/8" (Use as required d) 131 650737 Screw, 1/4-20 x 5/8" (Use as required d) 131 650738 Screw, 1/4-20 x 5/8" (Use as required d) 132 33636 Resistor Spark Plug (RJ17LM) 133 33369 Bracket, Governor gear 140 650836 Screw, 10-24 x 1/2" 149A 27882 Cap, Upper valve spring 149 27882 Cap, Upper valve spring 150 27881 Spring, Valve 151 32581 Cap, Upper valve spring 169 27896A *Gasket, Breather cover 170 28423 Body, Breather 171 28424 Element, Breather 172 28425 Cover, Valve spring 173 34696 Tube, Breather 174 650128 Screw, 10-24 x 1/2" 174 650128 Screw, 10-24 x 1/2" 174 650597 Screw, 10-24 x 5/8" 179 30593 Clip, Primer line (Use as required) 182 30088A Screw, 1/4-28 x 1" 184 33263 Sgrew, 1/4-28 x 1" 203 31342 Spring, Compression 206 610973 Terminal Assy. (Use as required) Screw, 5/16-18 x 1-1/8 " Gasket, Intake pipe 206 650788 Screw, 5/16-18 x 3/4" (Use as required) Screw, 5/16-18 x 3/4" (Use as required) Screw, 5/16-24 x 21/32" Cover, Cylinder head Muffler (Optional quiet muffler)				notuse with 650691 washer)
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 5/8" (Use as required) 131 650738 Screw, 1/4-20 x 5/8" (Use as required) 131 650738 Screw, 1/4-20 x 5/8" (Use as required) 132 33636 Resistor Spark Plug (RJ17LM) 133 33369 Bracket, Governor gear 140 650836 Screw, 10-24 x 1/2" 149A 27882 Cap, Upper valve spring 149 27882 Cap, Upper valve spring 150 27881 Spring, Valve 151 32581 Cap, Lower valve spring 169 27896A *Gasket, Breather cover 169 27896A *Gasket, Breather cover 170 28423 Body, Breather 171 28424 Element, Breather 172 28425 Cover, Valve spring 173 34696 Tube, Breather 174 650128 Screw, 10-24 x 1/2" 174 650597 Screw, 10-24 x 1/2" 178 29752 Nut & Lockwasher, 1/4-28 179 30593 Clip, Primer line (Use as required) 182 30088A Screw, 1/4-28 x 1" 184 33263 Screw, 1/4-28 x 1" 185 34707 Pipe, Intake 204 650549 Screw, 5/16-18 x 1-1/8 " 205 610973 Terminal Assy. (Use as required) Screw, 5/16-18 x 3/4"	130	650694A		Screw, 5/16-18 x 2" (Use as required)
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 5/8" (Use as required) 131 650738 Screw, 1/4-20 x 5/8" (Use as required) 132 33636 Resistor Spark Plug (R.117LM) 139 33369 Bracket, Governor gear 140 650836 Screw, 10-24 x 1/2" 149A 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 34696 Tube, Breather 174 650128 Screw, 10-24 x 1/2" 174 650597 Screw, 10-24 x 1/2" 178 29752 Nut & Lockwasher, 1/4-28 179 30593 Clip, Primer line (Use as required) 182 30088A Screw, 1/4-28 x 1" 184 33263 Screw, 1/4-28 x 1" 185 34707 Pipe, Intake 206 610973 Terminal Assy. (Use as required) 160 Screw, 5/16-18 x 3/4" (Use as required) 178 29758 Screw, 5/16-18 x 3/4" (Use as required) 179 266 33272B Screw, 5/16-24 x 21/32" 265 33272B Cover, Cylinder head 275C 35824 Muffler (Optional quiet muffler)	131A	650713		Screw, 5/16-18 x 5/8" (Use as require d)
131 650802 Screw, 1/4-20 x 5/8" (Üse as required) 131 650737 Screw, 1/4-20 x 1/2" (Use as required) 131 650738 Screw, 1/4-20 x 1/2" (Use as required) 135 33636 Resistor Spark Plug (RJ17LM) 139 33369 Bracket, Governor gear 140 650836 Screw, 10-24 x 1/2" 149A 27882 Cap, Upper valve spring 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 34696 Tube, Breather 174 650128 Screw, 10-24 x 1/2" 174 650597 Screw, 10-24 x 5/8" 178 29752 Nut & Lockwasher, 1/4-28 179 30593 Clip, Primer line (Use as required) 182 30088A Screw, 1/4-28 x 1" 183 34707 Pipe, Intake 203 31342 Spring, Compression 204 650549 Screw, 5/16-18 x 3/4" (Use as require d) 223 650378 Screw, 5-40 x 7/16" 224 27915A Screw, 5/16-18 x 3/4" (Use as require d) 225 Screw, 5/16-24 x 21/32" 226 29747B Screw, 5/16-24 x 21/32" 227 25824 Muffler (Optional quiet muffler)	131A	792028		
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 x 1/2" 149A 27882 Cap, Upper valve spring 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 34696 Tube, Breather 173A 32446 Grommet, Breather tube 174 650128 Screw, 10-24 x 1/2" 174 650597 Screw, 10-24 x 1/2" 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 204 650549 Screw, 5-40 x 7/16" 206 610973 Terminal Assy. (Use as required) 223 650378 Screw, 5-40 x 7/16" 224 27915A Gasket, Intake pipe 225 29747B Screw, 5/16-24 x 2/1/32" 246 533272B Muffler (Optional quiet muffler)				• • • • • • • • • • • • • • • • • • • •
131 650738				
135 33636 139 33369 140 650836 Screw, 10-24 x 1/2" 149A 27882 Cap, Upper valve spring Cap, Upper valve spring Spring, Valve 151 32581 Cap, Lower valve spring Cap, Lower valve spring Cap, Lower valve spring Spring, Valve Cap, Lower valve spring Cover, Valve valve spring Cap, Upper valve spring Cap, Uper valve spring Cap, U				
139 33369 140 650836 140 650836 140 650836 140 650836 140 650836 141 650836 141 650836 142 27882 143 27882 144 27882 150 27881 150 27881 151 32581 151 32581 152 27896A 152 28423 153 28424 154 28424 155 28425 155 27842 156 27846 177 28425 178 34696 179 32446 179 32446 170 4650128 170 4650128 170 4650128 170 4650128 170 50128 170 80183				
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149A 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 34696 Tube, Breather 173A 32446 Grommet, Breather tube 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 203 31342 Spring, Compression 204 650549 Screw, 5-40 x 7/16" 206 610973 Terminal Assy. (Use as required) 223 650378 Screw, Torx T-30, 5/16-18 x 1-1/8 " 24 27915A * Gasket, Intake pipe <tr< td=""><td></td><td></td><td></td><td>•</td></tr<>				•
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 34696 Tube, Breather 173 32446 Grommet, Breather tube 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 203 31342 Spring, Compression 204 650549 Screw, 5-40 x 7/16" 206 610973 Terminal Assy. (Use as required) 223 650378 Screw, Torx T-30, 5/16-18 x 1-1/8 " 242 27915A * Gasket, Intake pipe				
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 34696 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 203 31342 Spring, Compression 204 650549 Screw, 5-40 x 7/16" 206 610973 Terminal Assy. (Use as required) 223 650378 Screw, Torx T-30, 5/16-18 x 1-1/8 " 242 27915A * Gasket, Intake pipe 261 650788 Screw, 5/16-24 x 21/32" 265 33272B Screw, 5/16-18 x 3/4" (Use as require d) 275C 35824 Muffler (Optional quiet muffler)				1
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 34696 Tube, Breather 173A 32446 Grommet, Breather tube 174 650128 Screw, 10-24 x 1/2" 174 650597 Screw, 10-24 x 5/8" 179B 30593 Clip, Primer line (Use as required) 182 30088A Screw, 1/4-28 x 1" 184 33263 * Gasket, Carburetor 185 34707 Pipe, Intake 203 31342 Spring, Compression 204 650549 Screw, 5-40 x 7/16" 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 261 650788 Screw, 5/16-18 x 3/4" (Use as require d) 262 29747B Screw, 5/16-18 x 3/4" (Use as require d) 265 33272B				
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170 28423 Body, Breather 171 28424 Element, Breather 172 28425 Cover, Valve spring 173 34696 Tube, Breather 173A 32446 Grommet, Breather tube 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 203 31342 Spring, Compression 204 650549 Screw, 5-40 x 7/16" 205 610973 Terminal Assy. (Use as required) 223 650378 Screw, Torx T-30, 5/16-18 x 1-1/8 " 224 27915A * Gasket, Intake pipe 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				1 ·
171 28424 Element, Breather 172 28425 Cover, Valve spring 173 34696 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 203 31342 Spring, Compression 204 650549 Screw, 5-40 x 7/16" 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 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)	169	27896A		* Gasket, Breather cover
172 28425 Cover, Valve spring 173 34696 Tube, Breather 173A 32446 Grommet, Breather tube 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 203 31342 Spring, Compression 204 650549 Screw, 5-40 x 7/16" 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 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)	170	28423		Body, Breather
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173 34696 173A 32446 174 650128 174 650597 178 29752 179 30593 182 30088A 183 33263 185 34707 203 31342 204 650549 204 650549 205 610973 206 610973 207 650788 207 650788 208 650788 209 650788 201 650788 202 650378 203 33272B 203 35824 204 650549 205 35824 206 670978 207 67080 208 275C 35824 209 27608 209 27608 209 27608 209 27608 209 27608 209 27608 209 27608 209 27608 200	172	28425		Cover, Valve spring
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224 27915A * Gasket, Intake pipe 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)				
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265 33272B Cover, Cylinder head 275C 35824 Muffler (Optional quiet muffler)				· · · · · · · · · · · · · · · · · · ·
275C 35824 Muffler (Óptional quiet muffler)				
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275 33280A Muffler				
276 31588 Plate, Muffler locking	2/6	31588		Plate, Muttier locking

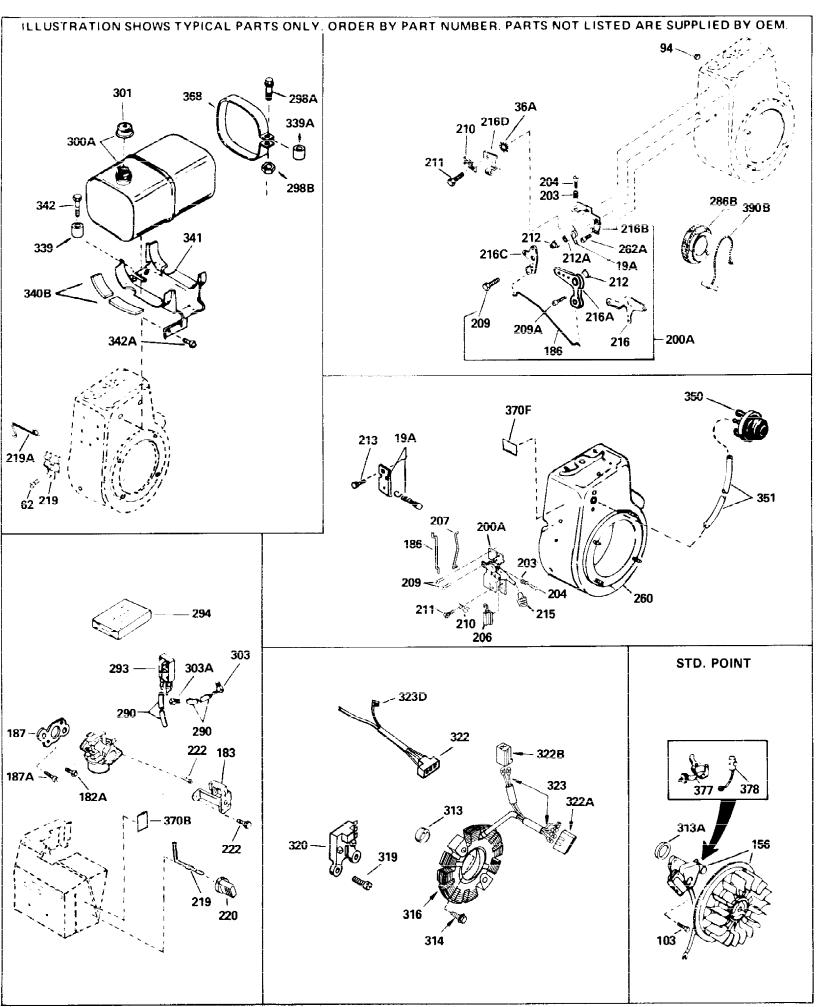
Ref #	Part Number	Qty	Description
277A 281 282 286B 287 290 290 290 292 298	650729 650696 33013 650760 33286 29752 29774 30705 30962 26460 650665 34156A		Screw, 5/16-18 x 3-3/16" Screw, 5/16-18x2-3/4" (Used with 276A) Cover, Starter bubble Screw, 8-32 x 3/8" Hub & Screen Assy. Nut & Lockwasher, 1/4-28 Fuel Line (Braided 8-1/4")(21 cm)(As req.) Fuel Line (Braided 16")(41 cm)(Use as req.) Fuel Line (Braided 32")(81 cm)(Use as req.) Clamp, Fuel line (Use as required) Screw, 1/4-15 x 7/8" 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)
305 306 308 310 310 325 325 340 342 370A	35355 35554 35499 35540 31297 36205 29443 34246 34154 650561 35532 34870		Fuel Cap (Red plastic) (1-1/2" I.D.) Tube, Oil fill "O" Ring Clip, Fill tube Dipstick (Incl. 306) Dipstick Clip, Fuel line (Use as required) Clip, Ground wire (Use as required) Plate, Fuel tank mounting Screw, 1/4-20 x 5/8" Decal, Name Decal, Instruction Can be used on HM80 with diecast starter.
379	34346 631021 632325		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)
	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)
420	730225		SAE 30, 4-Cycle Engine Oil (Quart)

Ref #	Part Number	Qty	Description
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).



Ref #	Part Number	Qty	Description
32 32 74 97 131 131 173A 174 174 175 176 222A	33627 33628 650625 31855 650802 650737 650738 32446 650128 650597 650778 650778 650580		Bearing, Ball Washer, Thrust Washer, Thrust Retainer, Bearing Lockwasher, Heavy split, #10 (Buy loc ally) Screw, 1/4-20 x 5/8" (Use as required) Screw, 1/4-20 x 1/2" (Use as required) Screw, 1/4-20 x 5/8" (Use as required) Grommet, Breather tube Screw, 10-24 x 1/2" Screw, 10-24 x 5/8" Lockwasher Nut, Lock, 10-24 Pop Rivet (1/8" dia.) (Can be bought locally) Air Cleaner Ass'y. (Incl.238,239,240,241,243,245 & 370) (Use as required)
	730164		Air Cleaner Ass'y. (Incl. 238, 239, 240, 241, 243 & 245) (Use as required)
228A	35044 650824 650851		Air Cl.Elbow (Incl.222A,228A,235A,239 A,242A) Stud, 1/4-20 x 7.33 (Use as required) Stud, 1/4-20 x 8.1 (Use as required) (Used with drilled thru elbow)
234A 235A 238A 239A 241A 242A 245A 246A 250A 251 274	650825 650852 30675 650163 34698A 35045 34699 34700 34703 34702 650513 35865 35824 391026		Nut & Lockwasher, 1/4-20 Hex Nut, 1/4-20 (Used w/drilled thru elbow) Fitting, Breather Screw, 10-32 x 7/8" * Gasket, Air cleaner bracket Air Cl.Bracket (Used w/drilled thru e lbow) Bracket, Air cleaner Element, Air cleaner Filter, Pre-air Cover, Air cleaner Nut, Wing, 1/2-20 Gasket, Exhaust (Use as required) Muffler (Optional quiet muffler) Muffler (Incl. 284, 284A & 416A) (This spark arresting muffler can be used on any model.)
277A 292 298	650729 650696 26460 650665 34870		Screw, 5/16-18 x 3-3/16" Screw, 5/16-18x2-3/4" (Used with 276A) Clamp, Fuel line (Use as required) Screw, 1/4-15 x 7/8" Decal, Instruction Can be used on HM80 with diecast starter.
370B	34387		Decal, Instruction Can be used on HM80 with stamped steel recoil starter.
	34704 33329D		Decal, Air cleaner 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

Ref #	Part Number	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 & 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).
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
103	650814		Screw, Torx T-15, 10-24 x 1"
186	34667		Link, Governor
200A	34664		Control Bracket (Incl.19,203,204,206, 209)
200A	34677		Control Bracket (Incl.19,19A,203,204, 206,209)
203	31342		Spring, Compression
204	650549		Screw, 5-40 x 7/16"
206	610973		Terminal Assy. (Use as required)
	33878		Link, Governor-to-throttle
	650821		Screw, 10-32 x 1/2"
	32410		Knob, Control
	35824		Muffler (Optional quiet muffler)
	650696		Screw, 5/16-18x2-3/4" (Used with 276A)
	33286		Hub & Screen Assy.
	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)
301	33032		(1-3/16" I.D.)
			(1-3/10 1.D.)
301	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile)
			(1-3/16" I.D)
201	35355		Fuel Can (Red plactic) (1.1/2" LD.)
			Fuel Cap (Red plastic) (1-1/2" I.D.)
	35038		Spacer, Tank
	650561		Screw, 1/4-20 x 5/8"
3703	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.
270D	24704		Dood Air clooper
	34704		Decal, Air cleaner
	35344		Decal, Instruction
	590343		Rope & Handle, 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)
110	700570		,
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
711	00000		steel recoil starter)
			,
413	650907		Screw, 5/16-18 x 1-5/8" (Can be used on HM80 with
			stamped steel recoil starter)
125	730572		Starter Muff Kit (Incl. 370J, 426 & 427) (Can be
423	730372		, , ,
			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).
400	C44077		,
430	611077		Alternator, Add on (Use as required) (Refer to
			Mechanics Handbook for installation instructions).

Ref #	Part Number	Qty	Description
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).