For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 HM80-155166F Page 1 of 11 Engine Parts List #1



	Part Number	Qty	
	34348B		Cylinder (Incl.2,20,72,72A) (3-1/8" B ore)
	27652		Pin, Dowel
	30700		Yoke, Governor
15	30699C		Rod Assy., Governor (Incl. 15A & 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"
19	34663		Spring, Speed control
20	32630		Seal, Oil
	35256A		Baffle, Blower housing
	650561		Screw, 1/4-20 x 5/8"
	33624A		Crankshaft (Incl. 108 & 109)
	33628		Washer, Thrust
	29826		Screw, 10-32 x 3/4"
	29918		Lockwasher, # 8 E.T.
	29216		Nut & Lockwasher, 10-32 "Keps"
	30322		•
			Locknut, Hex "Keps", 8-32 Ping, Potaining
	29642		Ring, Retaining Biston, Din & Ring Sot (Std.) (2.1/8")
	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)
43	27888		Ring, Piston pin retaining
45	32591C		Rod Assy., Connecting (Incl. 49)
47	650662C		Bolt, Connecting rod (2 pieces)
48	34034		Lifter, Valve
49	34242		Dipper, Oil
50	34143		Camshaft (MCR)
60	33273A		Extension, Blower housing
62	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
	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)
	610118		Cover, Spark plug (Use as required)
	650516		Screw, 1/4-20 x 1-1/8
	29783		Pin, Crankshaft gear
109	33245		Gear, Crankshaft
110	30831		Ground Wire
119	34041A		* Gasket, Head
		XX7	

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110 34030A 110 125 27878A Exhaust Valve (182/ CS) (Incl. 151) 126 24035 Inske Valve (182/ CS) (Incl. 151) 126 34035 Inske Valve (182/ CS) (Incl. 151) 127 650691 Washer, Flat (Use as required) 127A 650570 Washer, Flat (Use as required) 127A 650570 Washer, Flat (Use as required) 130A 650690 Washer, Flat Visa (Use as required) 130A 650691 Washer, Flat Visa (Use as required) 130A 650691 Washer, Flat Visa (Use as required) 131A 550777 Screw, 516-18 x 134'' (Use as required) 131A 550773 Screw, 516-18 x 134'' (Use as required) 131A 550773 Screw, 516-18 x 134'' (Use as required) 131A 550773 Screw, 516-18 x 134'' (Use as required) 131A 550773 Screw, 516-18 x 134'' (Use as required) 133 55060 Bracket, Bracket, Pug (R/17LM) 134 550773 Screw, 14-20 x 56'' (Use as required) 135 533560 Bracket, Governo	Ref #	Part Number	Qtv	Description
125 22782A Exhaust Valve (Sid) (Incl. 151) 126 27880A Enhaust Valve (Sid2) (Incl. 151) 126 34036 Intake Valve (Sid2) (Incl. 151) 127 65061 Washer, Flat (Use as req., but not w8021 A screw) 127A 65077 Washer, Flat (Use as req., but not w8021 A screw) 128 650600 Washer, Flat (Use as required) 128 650600 Washer, Flat (Use as required) 130A 6021A Screw, 5/16-18x 1-1/2" (Use as required) 131A 650713 Screw, 5/16-18x 1-1/2" (Use as required) 131A 650737 Screw, 5/16-18x 1-1/2" (Use as required) 131A 650733 Screw, 5/16-18x 1-1/2" (Use as required) 131A 650733 Screw, 5/16-18x 1-1/2" (Use as required) 131 650733 Screw, 1/4-20x 16" (Use as required) 131 650733 Screw, 1/4-20x 16" (Use as required) 133 65066 Screw, 1/4-20x 16" (Use as required) 133 650636 Screw, 1/4-20x 16" (Use as required) 134 650263 Screw, 1/4-20x 16" (Use as required)			<u> </u>	
125 27880A Exhaust Valve (132 ² OS) (Ind. 151) 126 34036 Intake Valve (132 ² OS) (Ind. 151) 127 650691 Washer, Flat (Use as required) 127A 650670 Washer, Flat (Use as required) 128 650690 Washer, Flat (Use as required) 128 650690 Washer, Flat (Use as required) 128 650690 Washer, Flat (Use as required) 130A 6021A Screw, 5/16-18 x 1-3/4' (Use as required) 130A 60273 Screw, 5/16-18 x 7-3/4' (Use as required) 131 650694A Screw, 5/16-18 x 7-3/4' (Use as required) 131 650737 Screw, 5/16-18 x 7-3/4' (Use as required) 131 650737 Screw, 1/4-20 x 58'' (Use as required) 131 650737 Screw, 1/4-20 x 58'' (Use as required) 133 650862 Screw, 1/4-20 x 58'' (Use as required) 133 650862 Screw, 1/4-20 x 58'' (Use as required) 133 650862 Screw, 5/16-18 x 7-3'' (Use as required) 134 650737 Screw, 1/4-20 x 58'' (Use as required) 135				
126 34005 Intake Valve (Sid) (Incl. 151) 127 650691 Washer (Use as req., but not wF0214 screw) 127A 650670 Washer, Flat (Use as required) 127A 650670 Washer, Flat (Use as required) 128 650670 Washer, Flat (Use as required) 128 650670 Washer, Flat (Use as required) 130 650777 Screw, 5716-18 x 1-12" (Use as required) 131 650713 Screw, 5716-18 x 58" (Use as required) 131 650002 Screw, 5716-18 x 58" (Use as required) 131 6500737 Screw, 5716-18 x 58" (Use as required) 131 6500737 Screw, 5716-18 x 58" (Use as required) 131 6500738 Screw, 5716-18 x 58" (Use as required) 131 650737 Screw, 174-20 x 58" (Use as required) 133 650738 Screw, 174-20 x 58" (Use as required) 134 650039 Bracket, Governor gaer 140 650834 Casky, Intake valve 135 36368 Bracket, Governor gaer 140 55084 Screw, 10-24 x 1/2" 149 27882 Cap, Upper valve spring <td></td> <td></td> <td></td> <td></td>				
126 3006 Indike Vale (1/32" CS) (nd. 151) 127 650691 Washer, Flat (Use as requined) 127A 650570 Washer, Flat (Use as required) 128 650570 Washer, Flat (Use as required) 128 650570 Washer, Flat (Use as required) 130 650590 Washer, Flat (Use as required) 130 650694A Screw, 5/16-18 x 71.42" (Use as required) 131 65073 Screw, 5/16-18 x 7.8" (Use as required) 131 650737 Screw, 1/4-20 x 12" (Use as required) 131 650737 Screw, 1/4-20 x 12" (Use as required) 131 650736 Screw, 1/4-20 x 12" (Use as required) 133 650737 Screw, 1/4-20 x 12" (Use as required) 133 650736 Screw, 1/4-20 x 12" (Use as required) 133 650737 Screw, 1/4-20 x 12" (Use as required) 134 650836 Resistor Spark Pug (RJ17LM) 135 36363 Basket, Screw, 5/14-20 x 12" 140 600636 Screw, 1/4-20 x 12" 140 Screw, 5/14 Screw, 5/14-12 x 12" 140 2600536 Screw, 5/14 <				
127 600091 Washer, Teil (Use as required) 1274 600070 Washer, Flat (Use as required) 128 600090 Washer, Flat (Use as required) 129 600090 Washer, Flat (Use as required) 130 6021A Screw, 5/16-18 x 1-3/4" (Use as required) 130 60004A Screw, 5/16-18 x 1-3/4" (Use as required) 131 600013 Screw, 5/16-18 x 57" (Use as required) 131 60002 Screw, 5/16-18 x 57" (Use as required) 131 60002 Screw, 1/4-20 x 56" (Use as required) 131 600736 Screw, 1/4-20 x 56" (Use as required) 133 600738 Screw, 1/4-20 x 56" (Use as required) 133 600738 Screw, 1/4-20 x 56" (Use as required) 133 600738 Screw, 1/4-20 x 56" (Use as required) 134 92082 Cap.Upper valve spring 140 600386 Screw, 1/4-20 x 56" (Use as required) 150 27891 Spring, Valve 150 27894 Cap.Upper valve spring 161 33300 Tube, Breather 177 28425 Cover Valve spring				
127A 28073 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) 130A 6021A Screw, 5/16-18 x 1-1/2" (Use as required) 130A 60094A Screw, 5/16-18 x 5/8" (Use as required) 131A 650091 Screw, 5/16-18 x 5/8" (Use as required) 131A 650737 Screw, 5/16-18 x 5/8" (Use as required) 131 650737 Screw, 1/4-20 x 1/2" (Use as required) 131 650737 Screw, 1/4-20 x 5/8" (Use as required) 133 650738 Screw, 1/4-20 x 1/2" (Use as required) 133 650737 Screw, 1/4-20 x 1/2" (Use as required) 134 650737 Screw, 1/4-20 x 1/2" (Use as required) 135 353636 Resistor Spark Plug (R1/1/M) 139 333639 Bracket, Governor gear 140 650836 Screw, 10-24 x 1/2" 149 27882 Cap, Lower valve spring 169 27956A Gasket, Breather cover 170 28423 Body, Breather 174 6505697 Screw, 10-24 x 1/2"				
127A 650570 Washer, Flat (Use as required) 128 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) 130A 650694A Screw, 5/16-18 x 5/4" (Use as required) 131A 650731 Screw, 5/16-18 x 5/4" (Use as required) 131A 650733 Screw, 5/16-18 x 5/4" (Use as required) 131 650802 Screw, 1/4-20 x 5/8" (Use as required) 131 650737 Screw, 1/4-20 x 5/8" (Use as required) 133 650736 Screw, 1/4-20 x 5/8" (Use as required) 133 650736 Screw, 1/4-20 x 5/8" (Use as required) 133 650737 Screw, 1/4-20 x 5/8" (Use as required) 134 50737 Screw, 1/4-20 x 5/8" (Use as required) 135 33363 Resistor Spark Flug (R171Lh) 139 33369 Bracket, Governor gear 140 Strews, Intake valve Strews, Intake valve 150 27895A Cap, Upper valve spring 149 278423 Body, Breather 172 28424 Element, Breather cover 170 28423 Cover				
128 650050 Washer, Belicivilie 130A 6021A Screw, 5/16-18 x 1-1/2" (Use as required) 130A 6021A Screw, 5/16-18 x 1-1/2" (Use as required) 131A 6506914A Screw, 5/16-18 x 5/8" (Use as required) 131A 650062 Screw, 5/16-18 x 5/8" (Use as required) 131 650062 Screw, 1/4-20 x 5/8" (Use as required) 131 650738 Screw, 1/4-20 x 1/2" (Use as required) 133 650738 Screw, 1/4-20 x 1/2" (Use as required) 133 650738 Screw, 1/4-20 x 1/2" (Use as required) 133 650738 Screw, 1/4-20 x 1/2" (Use as required) 133 650738 Screw, 1/4-20 x 1/2" (Use as required) 133 650738 Screw, 1/4-20 x 1/2" 140 56082 Spaint 140 56083 Screw, 1/0-24 x 1/2" 140 27882 Cap. Uper valve spring 150 27881 Spring, Valve 151 32581 Cap. Uper valve spring 169 27896A "Gasket, Eather cover 177 28423 Cover, Valve spring 173 3335				
129 650727 Screw, 5/16-18 x 1-3/4" (Use as required, but do notuse with 650691 washer) 130 650694A Screw, 5/16-18 x 5/8 (Use as required, but do notuse with 650691 washer) 131 650731 Screw, 5/16-18 x 5/8 (Use as required, 1 131 650733 Screw, 5/16-18 x 5/8 (Use as required, 1 131 650736 Screw, 1/4-20 x 5/8" (Use as required, 1 131 650738 Screw, 1/4-20 x 5/8" (Use as required, 1 133 650738 Screw, 1/4-20 x 5/8" (Use as required, 1 133 650738 Screw, 1/4-20 x 5/8" (Use as required, 1 133 650738 Screw, 1/4-20 x 5/8" (Use as required, 1 133 650738 Screw, 1/4-20 x 5/8" (Use as required, 1 134 650864 Screw, 1/4-20 x 5/8" (Use as required, 1 135 36363 Bracket, Governor gear 149 27882 Cap. Upper valve spring 149 27884 Cap. Upper valve spring 150 27895A Cap. Upper valve spring 160 27895A Cap. Upper valve spring 171 28423 Dody, Breather <				
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 650730 Screw, 5/16-18 x 2* (Use as required) 131 650737 Screw, 5/16-18 x 7* (Use as required) 131 650738 Screw, 1/4-20 x 5/8* (Use as required) 133 650738 Screw, 1/4-20 x 5/8* (Use as required) 133 6305 Barstor Spark Plug (RJ17LM) 139 33369 Bracket, Governor gear 140 650336 Screw, 10-24 x 1/2* 149 77882 Cap, Loper valve spring 150 27881 Spring, Valve 150 27881 Spring, Valve 169 27896A * Gasket, Breather 177 28423 Body, Breather 177 28424 Element, Breather 177 28425 Cover, 10-24 x 1/2* 174 650128 Screw, 10-24 x 1/2* 174 650128 Screw, 10-24 x 1/2* 174 650128 Screw, 10-24 x 1/2* 174 650549 Screw, 10-24 x 1/2* 174 650549 Screw, 10-24 x 1/2* 174 650549 Screw, 10-22 x 1/2* 174 650549 Screw, 10-22				
6506914A Screw, 5/16-18 x 2" (Use as required) 131A 650713 Screw, 5/16-18 x 2" (Use as required) 131A 72028 Screw, 5/16-18 x 5/8" (Use as required) 131 650737 Screw, 1/4-20 x 5/8" (Use as required) 131 650737 Screw, 1/4-20 x 5/8" (Use as required) 133 650737 Screw, 1/4-20 x 5/8" (Use as required) 133 650738 Screw, 1/4-20 x 5/8" (Use as required) 133 53036 Resistor Spark Pug (R1/TLM) 133 33339 Bracket, Growmor gear 149 27882 Cap, Upper valve spring 149 27881 Spring, Valve 151 32581 Cap, Lower valve spring 170 28423 Body, Breather 171 28424 Element, Breather 172 28425 Corev, Valve spring 173 35350 Tube, Breather 174 650587 Screw, 10-24 x 5/8" 1798 30563 Clip, Conduit 184 32263 Cabvet, Use as required) 1				
130 650694A Screw, 5/16-18 x 2" (Use as required) 131A 650713 Screw, 5/16-18 x 58" (Use as required) 131 650802 Screw, 1/4-20 x 58" (Use as required) 131 650737 Screw, 1/4-20 x 58" (Use as required) 131 650738 Screw, 1/4-20 x 58" (Use as required) 133 33339 Bracket, Governor gear 140 650836 Screw, 10-24 x 1/2" 149 27882 Cap. Upper valve spring 140 55261 Screw, 10-24 x 1/2" 142 27882 Cap. Upper valve spring 150 27881 Spring, Valve 151 32551 Cap. Upper valve spring 162 27884 Element, Breather 171 28423 Body, Breather 172 28425 Cover, Valve spring 173 35350 Tube, Breather 174 650597 Screw, 10-24 x 1/2" 174 650597 Screw, 10-24 x 1/2" 174 650549 Screw, 10-32 x 3/8" 204 650	130A	6021A		
131A 660713 Screw, 5716-18 x 56 ² (Use as required d) 131A 732028 Screw, 114-20 x 578" (Use as required d) 131 650737 Screw, 114-20 x 578" (Use as required d) 131 650738 Screw, 114-20 x 578" (Use as required d) 135 33639 Bracket, Governor gear 140 650836 Screw, 114-20 x 578" (Use as required d) 143 53636 Resistor Spark Plug (RJTLM) 149 27882 Cap, Upper value spring 140 650836 Screw, 10-24 x 1/2" 143 27882 Cap, Lower value spring 150 27881 Cap, Lower value spring 160 27896A * Gasket, Breather cover 170 28423 Body, Breather 171 28424 Element, Breather 172 28425 Cover, Value spring 173 35350 Tube, Breather 174 650597 Screw, 10-24 x 158" 1746 5050597 Screw, 10-24 x 578" 1746 5050597 Screw, 10-24 x 578" 1746 5050597 Screw, 10-24 x 578"	130	6506944		·
131A 722028 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 5/8" (Use as required) 131 650738 Screw, 1/4-20 x 5/8" (Use as required) 135 33369 Bracket, Governor gear 140 5060366 Screw, 10/4-20 x 1/2" 149 27882 Cap, Upper valve spring 149. 35662 Seal Assy, Intake valve 150 27881 Cap, Upper valve spring 160 27881 Cap, Upper valve spring 170 28423 Body, Breather 171 28425 Cover, Valve spring 172 28425 Cover, Valve spring 173 35350 Tube, Breather 174 650128 Screw, 10-24 x 1/2" 174 650283 Screw, 10-24 x 1/2" 174 650283 Screw, 10-24 x 5/6" 1798 30593 Clip, Primer line (Use as required) 184 33263 Gasket, Erather 203 31342 Spring, Compression 204 <td< td=""><td></td><td></td><td></td><td></td></td<>				
131 650802 Screw, 1/4-20 x 5/8" (Use as required) 131 650737 Screw, 1/4-20 x 5/8" (Use as required) 135 33636 Resistor Spark Plug (RJTTM) 139 33389 Bracket, Governor gear 140 650836 Screw, 1/0-24 x 1/2" 143 27882 Cap, Upper valve spring 140 35862 Seal Assy, Intake 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" 1798 30533 Clip, Primer Ine (Use as required) 184 32363 * Gasket, Carburetor 203 31342 Spring, Compression 204 650549 Screw, 10-32 x 3/8" 211 650688 Screw, 10-32 x 3/8" 211 650688 Screw, 516-				
131 650737 Screw, 1/4-20 x 1/8" (Use as required) 133 650738 Screw, 1/4-20 x 1/8" (Use as required) 133 33369 Bracket, Governor gear 140 650386 Screw, 1/2-24 x 1/2" 149 35862 Seal Assy, Intake valve 150 27881 Cap, Upper valve spring 160 27986A * Gasket, Freather cover 170 28423 Body, Breather 171 28424 Element, Breather 172 28425 Cover, Valve spring 173 3550 Tube, Breather 174 650597 Screw, 10-24 x 1/2" 174 660597 Screw, 10-24 x 1/2" 174 660549 Screw, 10-24 x 1/2" 174 650549 Screw, 10-24 x 1/2" 174 660549 Screw, 10-32 x 1" 175 206 Softward 176 206 Screw, 10-32 x 1" 177 244 Spring, Compression 203 Strew Screw, 10-32 x 1" 174 650549 Screw, 10-32 x 1" 206				
131 660738 Screw, 1/4-20 x 5/8" (Use as required) 135 33369 Bracket, Governor gear 140 650836 Screw, 10-24 x 1/2" 149 27882 Cap, Upper valve spring 149 35862 Seal Assy., Intake valve 150 27881 Spring, Valve 151 32581 Cap, Lupper valve spring 162 27896A * Gasket, Breather cover 170 28423 Body, Breather 171 28424 Element, Breather 172 28423 Cover, Valve spring 173 35350 Tube, Breather 174 650597 Screw, 10-24 x 1/2" 174 650597 Screw, 10-24 x 5/8" 179B 30593 Clip, Primer line (Use as required) 184 33263 "Gasket, Carburetor 203 31342 Spring, Compression 204 650549 Screw, 10-32 x 3/8" 211 650688 Screw, 10-32 x 3/8" 211 650688 Screw, 10-32 x 3/8" 211 650688 Screw, 5/16-18 x 3/4" (Use as required)				
155 33636 Resistor Spark Plug (R.117LM) 139 33369 Bracket, Governor gear 140 650836 Screw, 10-24 x 172" 149 27882 Cap, Upper valve spring 1494 55662 Seal Asy, Intake valve 150 27881 Cap, Lower valve spring 161 32581 Cap, Lower valve spring 170 28423 Body, Breather 171 28425 Cover, Valve spring 173 35350 Tube, Breather 174 650597 Screw, 10-24 x 1/2" 174 650597 Screw, 10-24 x 5/8" 179B 30533 Clip, Primer line (Use as required) 184 33263 * Gasket, Caburetor 203 31342 Spring, Compression 214 650549 Screw, 10-32 x 1" 224 Z7915A * Gasket, Intake sing 211 28942 Screw, 10-32 x 1" 224 Z7915A * Gasket, Intake sing 231 246 Screw, 5/16-18 x 34" (Use as required) 211 289068 Screw, 5/16-18 x 34"				
139 33389 Bracket, Governor oper 140 650836 Screw, 10-24 x 1/2" 149 27882 Cap, Upper valve spring 1494 27882 Seal Assy, Intake valve 150 27881 Spring, Valve 151 32581 Cap, Loper valve spring 169 27886A " Gasket, Breather cover 170 28423 Body, Breather 171 28425 Cover, Valve spring 173 33300 Tube, Breather 174 650128 Screw, 10-24 x 1/2" 174 65097 Screw, 10-24 x 5/8" 179B 30593 Clip, Primer line (Use as required) 184 3323 " Gasket, Carburetor 203 31342 Spring, Compression 204 650549 Screw, 10-32 x 3/8" 210 27793 Clip, Conduit 211 260688 Screw, 10-32 x 1" 224 27915A " Gasket, Intake pipe 260 33375D Blower Housing (For electric starter) 261 60788 Screw, 5/16-18 x 3/4" (Use as required)				
140 650836 Screw, 10-24 x 1/2 ² 149 27882 Cap, Upper valve spring 149 35862 Seal Assy, Intake valve 150 27881 Spring, Valve 151 32581 Cap, Lower valve spring 169 27886A * Casket, Breather cover 170 28423 Body, Breather 171 28424 Element, Breather 172 28425 Cover, Valve spring 173 33350 Tube, Breather 174 650597 Screw, 10-24 x 5/8" 1798 30533 Clip, Primer line (Use as required) 184 33263 * Casket, Carburetor 203 31342 Spring, Compression 204 650549 Screw, 10-32 x 3/8" 211 650688 Screw, 10-32 x 1" 224 27915A * Gasket, Intake pipe 260 63375D Blower Housing (For electric starter) 261 650788 Screw, 5/16-18 x 3/4" (Use as require d) 262 29747B Cover, Cylinder head 2776 30562 Hub & Screen Assy, Starter				
149 2782 Cap, Upper valve spring 149A 35862 Seal Assy., Initative valve 150 27831 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 650397 Screw, 10-24 x 5/8" 179B 30593 Clip, Primer line (Use as required) 184 33263 * Gasket, Carburetor 203 31342 Spring, Compression 204 650549 Screw, 10-32 x 3/8" 211 28942 Screw, 10-32 x 3/8" 211 28942 Screw, 10-32 x 3/8" 211 28942 Screw, 10-32 x 3/8" 211 650688 Screw, 5/16-18 x 3/4" (Use as required) 224 27915A * Gasket, Intake pipe 260 33375D Blower Housing (For electric starter)				
149A 35862 Seal Assy., Intake valve 150 2781 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" 179B 30593 Clip, Prime line (Use as required) 184 33263 * Gasket, Carburetor 203 31342 Spring, Compression 204 650549 Screw, 10-32 x 3/8" 211 28942 Screw, 10-32 x 1" 224 27915A * Gasket, Intake pipe 280 3375D Blower Housing (For electric starter) 261 650788 Screw, 5/16-18 x 3/4" (Use as require d) 277A 650966 Screw, 5/16-18 x 3/4" 277A 650966 Screw, 5/16-18 x 3/4" 2777 30196 Screw, 5/16-18 x 3/4"				
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 5/8" 1798 30593 Clip, Primer line (Use as required) 184 3263 "Gasket, Carburetor 203 31342 Spring, Compression 204 650549 Screw, 10-32 x 3/8" 210 27793 Clip, Conduit 211 2842 Screw, 10-32 x 1" 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) 2774 Stoe66 Screw, 5/16-18 x 3/4" (Use as require d) 2775 35824 Muffler (Optional quiet muffler) 2774 Screw, 5/16-18 x 3/4" (Use dwith 276A) 2773 30196 Screw, 5/16-18				
151 32581 Cap, Lower valve spring 169 27396A " 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" 179B 30533 "Gasket, Carburetor 203 31342 Spring, Compression 204 650549 Screw, 10-32 x 1" 206 610973 Terminal Assy. (Use as required) 211 250688 Screw, 10-32 x 1" 224 27915A "Gasket, Intake pipe 260 33375D Blower Housing (For electric stater) 261 650788 Screw, 5/16-18 x 34" 275 35824 Muffler (Optional quiet muffler) 276 33662 Hub & Screen Assy., Starter 277 30196 Screw, 5/16-18 x 34" 286 33622 Hub & Screen Assy., Starter 287 29752 Nut & Lockwasher, 1/4-28				•
169 27896A * Gasket, Breather cover 170 28423 Body, Breather 171 28424 Element, Breather 172 28425 Cover, Valve spring 173 3530 Tube, Breather 174 650128 Screw, 10-24 x 1/2" 174 650597 Screw, 10-24 x 5/8" 179B 30533 Cip, Primer line (Use as required) 184 33263 * Gasket, Carburetor 203 31342 Spring, Compression 204 650549 Screw, 540 × 716" 206 610973 Terminal Assy. (Use as required) 210 27793 Clip, Conduit 211 2842 Screw, 10-32 x 3/8" 211 2842 Screw, 5/16-18 x 3/4" (Use as require d) 224 27915A * Gasket, Intake pipe 260 33375D Blower Housing (For electric starter) 266 50788 Screw, 5/16-18 x 3/4" (Use as require d) 2752 3524 Muffler (Optional quiet muffler) 2777 30196 Screw, 5/16-18 x 3/4" 2868 33662 <				
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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" 179B 30533 Clip, Primer line (Use as required) 184 33263 * Gasket, Carburetor 203 31342 Spring, Compression 204 650549 Screw, 740 x 7/16" 206 610973 Terminal Assy. (Use as required) 210 27793 Clip, Conduit 211 28942 Screw, 10-32 x 3/8" 211 28942 Screw, 10-32 x 1" 224 27915A * Gasket, Intake pipe 206 33375D Blower Housing (For electric starter) 261 650788 Screw, 5/16-18 x 3/4" (Use as require d) 262 29747B Screw, 5/16-18 x 3/4" (Use dwith 276A) 275C 35824 Muffler (Optional quiet muffler) 2775 35824 Muffler (Optional quiet muffler) 2775 35824 Muffler (Optional quiet muffler) 2775				
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179B 30593 Clip, Primer line (Use as required) 184 33263 * Gasket, Carburetor 203 31342 Spring, Compression 204 650549 Screw, 5-40 x 7/16" 206 610973 Terminal Assy. (Use as required) 210 27793 Clip, Conduit 211 28942 Screw, 10-32 x 3/8" 211 650688 Screw, 10-32 x 1" 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, 5/16-18 x 3/4" (Use as require d) 265 33272B Cover, Cylinder head 276C 5824 Muffler (Optional quiet muffler) 2777 30196 Screw, 5/16-18 x 3/4" 286 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 8-1/4")(21 cm)(Use as req.) 290 30762 Fuel Line (Braid	174	650128		Screw, 10-24 x 1/2"
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301 33032 Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (1-3/16"				
I.D.)	301	33032		
				I.U.)

	Part Number 34210	Qty Description Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (1-3/16" I.D)
306 310A 320A 325 325 342 370J 370A 370A 370 379	35355 29673 35941 32765 29443 34246 30063 34870 34686 34346 631021 632202	 Fuel Cap (Red plastic) (1-1/2" I.D.) * Gasket, Oil fill Dipstick (Incl. 306) Clamp, Blower housing extension Clip, Fuel line (Use as required) Clip, Ground wire (Use as required) Screw, Torx T-30, 1/4-20 x 1/2" 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 176 for breakdown or Fiche18A-1, Grid F-3)
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).
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).

Ref # Part Number	Qty Description
433 590636	Alternator Shaft (Use with engines equipped with stamped
	steel starter)(Use as required) (Refer to Mechanics
	Handbook for installation instructions).

For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 HM80-155166F Engine Parts List #2

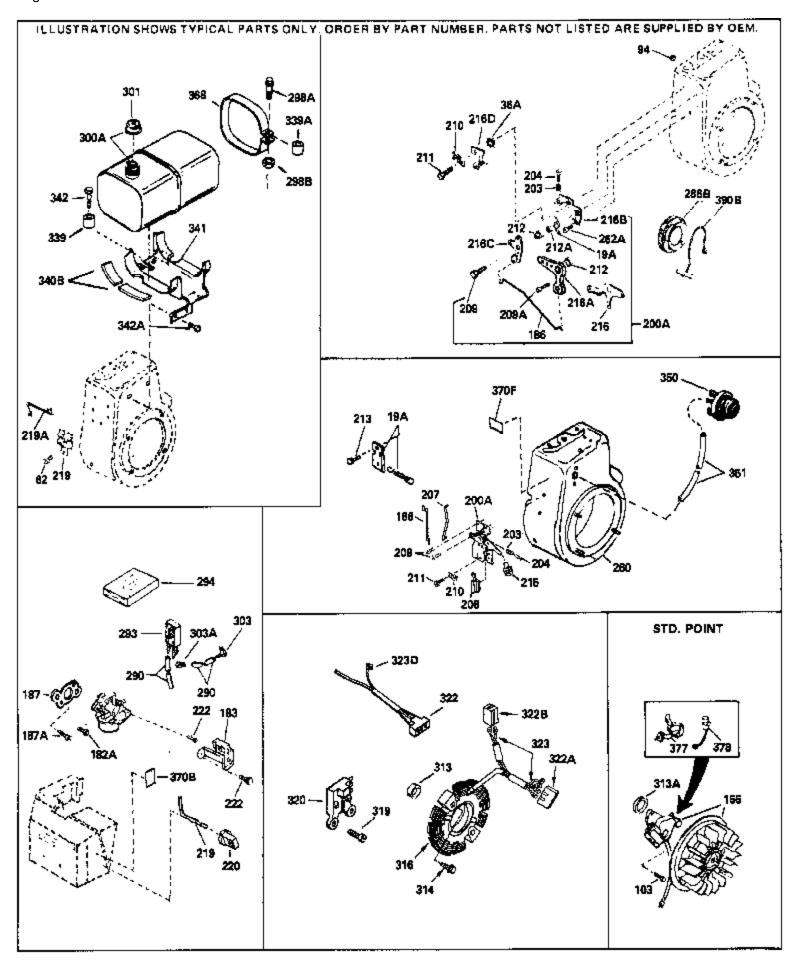
ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY P	ART NOMBER. PARTS NOT LISTED ARE SUPPLIED BY DEM. 131
174 97 174 97 2758 415 276A 277 416 416	395 381 340A 341A 341A 341A
284 418A 284 277 284A 277 275A 277 275A 277 367 275	319 341A 341A 320 320 330A
245A 222A 242A 239A 239A 228A 228A 227A 229A 229A	250A 370B 245A
239 236A 236A 238A 238A 234A-	462 243 251 251 242 242 242 242 245 250 B

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Rof #	Part Number	Otv	Description
	33627	Qty	Bearing, Ball
	33628		
			Washer, Thrust
	650760		Screw, 8-32 x 3/8"
	28545		Grommet, Plastic
68	33356		Terminal, Ground
74	31855		Retainer, Bearing
97			Lockwasher, Heavy split, #10 (Buy loc ally)
131	650802		Screw, 1/4-20 x 5/8" (Use as required)
	650737		Screw, $1/4-20 \times 1/2$ " (Use as required)
	650738		Screw, $1/4-20 \times 5/8"$ (Use as required)
	650128		Screw, 10-24 x 1/2"
	650597		Screw, 10-24 x 5/8"
	650778		Lockwasher
176	650580		Nut, Lock, 10-24
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)
000 4	650924		Stud $\frac{1}{4}$ 20 x 7.22 (Lies as required)
	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)
230	27272A		* Gasket, Air cleaner
	27272A		•
			* Gasket, Air cleaner
	33266		Bracket, Air cleaner
	33267		Bracket, Air cleaner
	28820		Screw, 10-32 x 1/2"
245A	34700		Element, Air cleaner
245	33268		Element, Air cleaner
250B	33269A		Cover, Air cleaner
	650513		Nut, Wing, 1/2-20
	35865		Gasket, Exhaust (Use as required)
	35824		Muffler (Optional quiet muffler)
2/58	391026		Muffler (Incl. 284, 284A & 416A) (This spark arresting muffler
			can be used on any model.)
277	30196		Screw, 5/16-18 x 3/4"
	650696		Screw, 5/16-18x2-3/4" (Used with 276A)
	650578		Screw, 8-18 x 3/8"
	33700		Cover & Tube, Muffler
	34390		Deflector, Exhaust
292	26460		Clamp, Fuel line (Use as required)
319	28820		Screw, 10-32 x 1/2"
320A	32765		Clamp, Blower housing extension
	610938		Regulator, Rectifier (7 Amp)
	30063		Screw, Torx T-30, 1/4-20 x 1/2"
	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	35763A		Electric Starter Motor (12 Volt) (Refer to service number stamped on end cap of motor, or on decal for identification.
			Refer to Division 5, Section D, Page 20 for breakdown or Fiche 18A-1, Grids G-9, G-10 or G-11)

Ref #	Part Number	Qty	Description
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 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)
416A	730130 33323 730572		Exh.Adapter Kit (Incl.274,277)(Use as req.) Screen, Muffler 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).

For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 HM80-155166F Page 9 of 11 Engine Parts List #3



19A		/ Description
	33857	Spring Assy., Governor extension (Inc I. 213)
62	650760	Screw, 8-32 x 3/8"
103	650516	Screw, 1/4-20 x 1-1/8
	610979	Magneto (w/ring gear) (12 Volt, 7 Amp) 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 36 for breakdown or Fiche 18A-1, Grid G
182A	650517	Screw, 1/4-20 x 27/32"
	34661	Link, Governor
	30196	Screw, 5/16-18 x 3/4"
	34349A	Flange, Carburetor mounting
	34784	Control Bracket (Incl.19,19A,203,204, 206,209)
	31342	Spring, Compression
	650549	Screw, 5-40 x 7/16"
	610973	Terminal Assy. (Use as required)
	34785	Link, Throttle
	650821	Screw, 10-32 x 1/2"
	27793	Clip, Conduit
	28942	Screw, 10-32 x 3/8"
	650688	Screw, 10-32 x 1"
	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)
	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.)
	33010	Repair Kit, Fuel pump
301	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.)
	33713	Fitting, Elbow
	33876	Gasket, Stator
	28820	Screw, 10-32 x 1/2"
	32765	Clamp, Blower housing extension
	610938	Regulator, Rectifier (7 Amp)
	35038	Spacer, Tank
	30063	Screw, Torx T-30, 1/4-20 x 1/2"
	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.
377	30547A	Contact Assy., Breaker
	610767A	Condenser
	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)

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)
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).