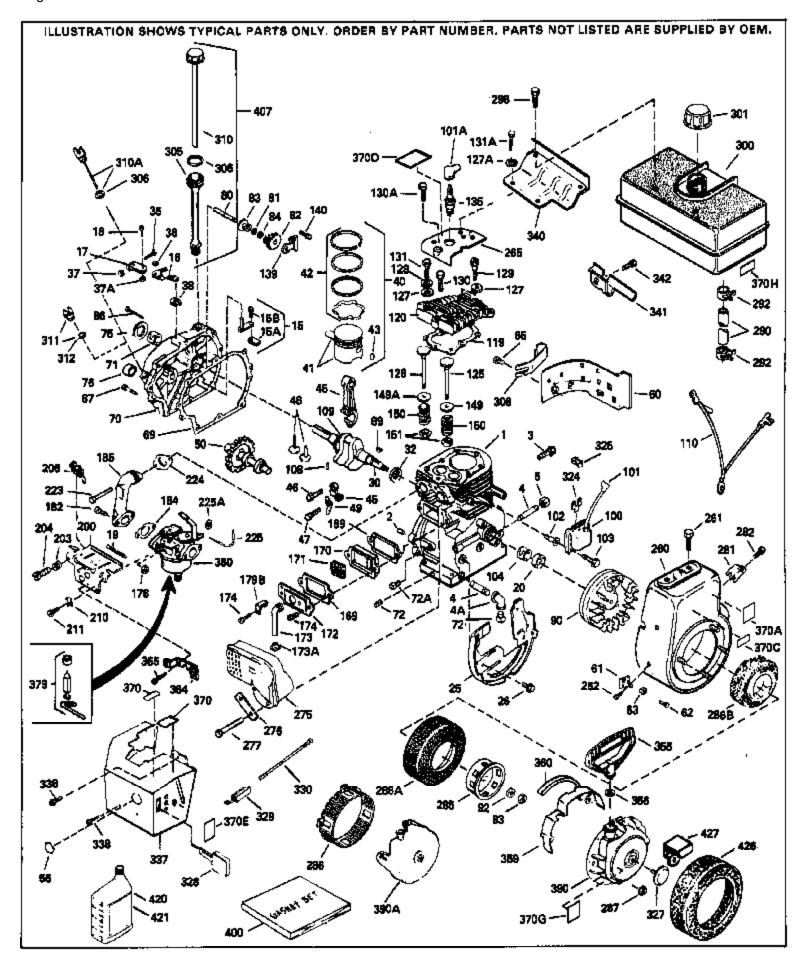
For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 HM80-155187E Page 1 of 11

Engine Parts List #1



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Ref # Part Number	Dof #	Port Number	Description
2 27652 Pin. Dowel 15 30999C Rod Assy., Governor (Incl. 15A & 15B) 15B 660494 Screw, 64 0x 5/16' 16 33454 Governor Lever Assy. 17 29916 Clarm, Corworn elver Assy. 18 660548 Screw, 8-32 x 5/16' 19 33578 Spring, Governor 20 32630 Seal, Oil 25 36256A Baffle, Blower housing 26 660561 Screw, 14-20 x 5/8'' 30 33365B Crankhaft (Ind. 108 & 109) 35 28926 Screw, 10-32 x 3/4' 36 29918 Lockwasher, 10-32 "Kepe" 37 A 3032 Lockwasher, 10-32 "Kepe" 40 34552 Piston, Pin & Ring Set (301) (3-1/8") 40 34554 Piston, Pin & Ring Set (301) (3-1/8") 41 34330A Piston & Piston, Pin & Ring Set (2010" OS) 41 34331A Piston & Pin Assy, (5010" OS)(Ind. 43) 42 34324 Ring Set (2010" OS) 43 3434 Ring Set (2010" OS) 44 34334 Piston & Pin Assy, (1010" OS)(Ind. 43) 45 3298C Ring Retaining 46 32334 Ring Set (2010" OS) 47 34534 Piston, Pin & Ring Set (301" OS) 48 34034 Piston & Pin Assy, (1010" OS)(Ind. 43) 49 3452 Piston, Pin & Ring Set (2010" OS) 40 34554 Piston, Pin & Ring Set (2010" OS) 41 34330A Piston & Pin Assy, (1010" OS) 42 3432 Ring Set (2010" OS) 43 3434 Piston & Pin Assy, (1010" OS) 44 34334 Ring Set (2010" OS) 47 600682C Ring Retaining 48 3424 Ring Set (2010" OS) 49 3422 Dipper (0il CR) 40 3458 Ring Set (2010" OS) 41 34336 Ring Set (2010" OS) 42 3434 Ring Set (2010" OS) 43 3443 Carnistatt (MCR) 44 3422 Dipper (0il Crain Seal, Oil Vinder Cover (Incl. 71, 75, 80, 311 & 312) 45 35090 Seal, Oil Vinder Cover (Incl. 71, 75, 80, 311 & 312) 46 35090 Seal, Oil Vinder Cover (Incl. 71, 75, 80, 311 & 312) 47 36082 Screw, 114-20 x 1-3116" 48 36083 Screw, 114-20 x 1-3116" 59 36589 Screw, 114-20 x 1-3116" 50 36590 Screw, 114-20 x 1-3116" 50 36690 Screw, 114-20 x 1-3116" 50 36		•	
15A 30700 15 30698C 15B 660494 16 33454 16 33454 17 2916 18 660549 19 33578 20 32630 25 36256A 26 660561 25 36256A 30 33365B 30 33365B 37 29216 37 29318 30 33365B 37 29318 30 33365B 37 29318 30 33365B 37 29318 37 29316 38 29642 49 34552 40 34552 40 34553 40 34554 41 34330A 41 34330A 41 34331A 42 34332 42 34334 41 34332A 42 34334 42 34334 42 34334 42 34334 42 34334 43 27888 45 329816 46 3266C 47 38 48 48 48 48 48 48 48 48 48 48 48 48 48			
16 30699C Rod Assy., Governor (Incl. 15A & 15B) 16B 650494 Sorew, 6-40 x 5/16' 16 33454 Governor Lever Assy. 17 29916 Clarps, Covernor Lever Assy. 18 650548 Sorew, 8-32 x 5/16' 19 33578 Spring, Covernor 20 32630 Seal, Oil 25 35256A Balfle, Blower housing 26 650561 Sorew, 14-20 x 58' 30 33365B Crankshaft (Ind. 108 & 109) 35 29926 Sorew, 10-32 x 3/4' 10 29918 Lookwasher; 10-32 "Keps' 37 29916 Nut & Lookwasher; 10-32 "Keps' 37 29916 Nut & Lookwasher; 10-32 "Keps' 38 29918 Lookwasher; 10-32 "Keps' 39 2942 Ring, Retaining 40 34552 Piston, Pin & Ring Set (Ol10' OS) 40 34554 Piston, Pin & Ring Set (Ol10' OS) 41 34230A Piston & Ring Set (101' OS) 41 34330A Piston & Ring Set (202' OS) 42 34334 Piston & Ring Set (202' OS) 43 34334 Piston & Pin Assy, (020' OS)(Incl. 43) 43 34334 Piston & Pin Assy, (020' OS)(Incl. 43) 43 27884 Ring Set (100' OS) 46 34034 Ring Set (100' OS) 47 600662C Bolt, Connecting to (2 pieces) 48 34034 Piston & Pin Assy, (010' OS)(Incl. 43) 49 3422 Ring, Set (100' OS) 40 34231 Ring Set (100' OS) 41 34331 Piston & Pin Assy, (020' OS)(Incl. 43) 41 34331 Piston & Pin Assy, (010' OS)(Incl. 43) 42 34334 Ring Set (100' OS) 43 32784 Ring Set (100' OS) 46 34034 Ring Set (100' OS) 47 600662C Bolt, Connecting to (2 pieces) 48 34034 Lifter, Valve 49 3424 Pipton Pintalning 50 3143 Connecting to (2 pieces) 51 116 Nut, Valve 51 27642 Pilug, Oil drain 51 30590A Washer, Flat 51 30590A Washer, Flat 51 30590A Washer, Flat 51 30590 Seal, Oil 52 378780 Seal, Oil 53 34041 Ring, Retaining 54 30599 Serve, 114-20 x 5/8' 59 30599 Serve, 114-20 x 5/8' 50 30449 Sorew, 114-20 x 5/8' 50 30450 Sorew, 114-20 x 5/8' 50 30			·
168 650494   Screw, 6-40 x 5/16"   16 33454   Governor Lever Assy. 17 29916   Clarmp, Governor lever   18 650548   Screw, 8-52 x 5/16"   19 33578   Spring, Governor   20 32830   Seal, Oil   23 650561   Screw, 14/20 x 6/8"   26 650561   Screw, 14/20 x 6/8"   27 33268   Seal, Oil   28 650561   Screw, 14/20 x 6/8"   28 62566   Screw, 14/20 x 6/8"   29 918   Crankshaft (hat, 108 & 109)   33268   Screw, 10/32 x 3/4"   36 29918   Screw, 10/32 x 3/4"   37 A 30322   Looknut, Hext Keps*, 3-32   38 29642   Ring, Retaining   40 34552   Piston, Pin & Ring Set (Cl01" OS)   40 34553   Piston, Pin & Ring Set (Cl02" OS)   41 343234   Piston & Pin Assy, (St0) (Ind.43)(3-1-8")   41 34330A   Piston & Pin Assy, (St0) (To S)(Incl. 43)   41 34331A   Piston & Pin Assy, (CO2" OS)(Incl. 43)   42 34332   Ring Set (Cl01" OS)   43 3254   Ring, Set (Cl01" OS)   43 3254   Ring, Set (Cl01" OS)   43 3254   Ring, Set (Cl01" OS)   43 3434   Piston & Pin Assy, (Cl0" OS)(Incl. 43)   44 34331   Piston & Pin Assy, (Cl0" OS)(Incl. 43)   45 32591C   Rod Assy, (Co2" OS)   46 34034   Ring, Piston pin retaining   47 650682C   Bolt, Connecting rot (2 pieces)   48 34034   Ring, Piston pin retaining   49 34242   Dipper, Oil   50 33273A   Extension, Blower housing   50 34143   Cansshaft (MCR)   50 34143   Cansshaft (MCR)   50 34145   Screw, 10/24 x 1/2"   50 34146   Shaft   Shaft   Shaft   50 31960   Seal, Oil drain   50 31960   Seal, Oil drain   50 31961   Seal, Oil drain   50 31961   Seal, Oil drain   50 31964   Shaft   Machanical governor   50 31965   Screw, 11/4-20 x 1-11/6"   50 32581   Screw, 11/4-20 x 1-11/6"   50 32582   Screw, 11/4-20 x 1-11/6"   50 31964   Screw, 11/4-20 x 1-11/6"   50 31964   Screw, 11/4-20 x 1-11/6"   50 31964   Screw, 11/4-20 x 1-11/6"   50 31965   Screw, 11/4-20 x 1-11/6"   50 31964   Screw, 11/4-20 x 1-11/6"   50 31965   Screw, 11/4-20 x 1-11/6"   50 31966   Screw, 11/4-20 x 1-11/6"   50 31969   Screw, 11/4-20 x 1			·
16 33454 Governor Lever Assy. 17 29916 Carp., Covernor lever 18 650548 Screw, 8-32 x 5/16" 19 33578 Spring, Covernor 20 32630 Seel, Oil 26 35256A Baffle, Blower housing 27 26 650561 Screw, 14-20 x 5/8" 28 650561 Screw, 14-20 x 5/8" 28 33385B Crankshaft (Incl. 108 & 109) 35 28926 Screw, 10-32 x 34" 36 29916 Lockwasher, # 8 E.T. 37 32216 Nut & Lockwasher, # 8 E.T. 37 30322 Locknut, Hex "Keps", 8-32 38 29942 Ring, Retaining 40 34652 Piston, Pin & Ring Set (1010" OS) 40 34653 Piston, Pin & Ring Set (1010" OS) 40 34654 Piston, Pin & Ring Set (1010" OS) 41 34320A Piston & Pin Assy, (2010" OS)(Incl. 43) 41 34330A Piston & Pin Assy, (2010" OS)(Incl. 43) 42 34331 Piston & Pin Assy, (2010" OS)(Incl. 43) 42 34332 Ring Set (1010" OS) 43 27888 Ring Set (1010" OS) 46 34054 Lifter, Valve 46 34054 Lifter, Valve 47 650682C Bolt, Cornecting root (2 pieces) 48 34054 Lifter, Valve 49 34242 Dipper, Oil 50 34143 Carshaft (InCR) 50 34143 Carshaft (InCR) 50 34145 Screw, 14-20 x 1-316" 51 33068 Screw, 14-20 x 1-316" 51 33068 Screw, 14-20 x 1-316" 51 33068 Screw, 14-20 x 1-316" 51 30594 Screw, 14-20 x 1-316" 51 30594 Screw, 14-20 x 1-316" 51 30594 Screw, 14-20 x 1-3116" 51 30594 Screw, 14-			
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18 660548   Soriew, 8-32 x 5/16"     19 33578   Spring, Governor     20 32630   Seal, Oil     25 35256A   Balfler, Blower housing     26 660561   Screw, 14-20 x 5/8"     30 33365B   Crankshaft (Incl. 108 & 109)     35 29266   Screw, 10-32 x 34"     36 29318   Lookwasher, 16 E.T.     37 29216   Nuf & Lookwasher, 16 -32 "Keps"     37A 30322   Looknut, Hex "Keps", 8-32     38 29642   Ring, Retaining     40 34553   Piston, Pin & Ring Set (Std.) (3-1/8")     40 34553   Piston, Pin & Ring Set (Cl0" OS)     41 34339A   Piston & Pin Assy (Std)(Incl.43)(5-1/8")     41 34339A   Piston & Pin Assy (101" OS)(Incl. 43)     41 34331A   Piston & Pin Assy (101" OS)(Incl. 43)     42 34332   Ring Set (Std.) (3-1/8" Bore)     43 3238   Ring Set (101" OS)     43 3278A   Ring Set (101" OS)     45 32591C   Rod Assy, Connecting (Incl. 49)     46 32591C   Rod Assy, Connecting (Incl. 49)     47 650662C   Bolt, Connecting rod (2 pieces)     48 34034   Lifter, Valve   Dipper, Oil     50 34143   Carnshaft (MCR)     50 34143   Carnshaft (MCR)     51 3368   Bushing, Crankshaft     52 27642   Pig. Oil drain     53 30589   Ring,			•
19 33578 Spring, Governor 20 32630 Seal, Oil 25 35256A Baffle, Blower housing 26 650561 Screw, 14-20 x 58" 30 33365B Screw, 14-20 x 58" 31 32 39826 Screw, 10-32 x 34" 32 29818 Lockwasher, # 8 E.T. 37 29216 Nut & Lockwasher, # 8 E.T. 37 30322 Locknut, Hex "Keps", 8-32 38 29842 Ring, Retaining 40 34552 Piston, Pin & Ring Set (5td.) (3-1/8") 40 34552 Piston, Pin & Ring Set (101" OS) 41 34330A Piston & Pin Assy, (5td)(Incl. 43)(3-1/8") 41 34330A Piston & Pin Assy, (101" OS)(Incl. 43) 41 34331A Piston & Pin Assy, (101" OS)(Incl. 43) 42 34332 Ring Set (301" OS) 43 27888 Ring, Piston, Pin & Ring Set (020" OS) 43 37888 Ring, Piston, Pin Assy, (102" OS)(Incl. 43) 43 3734 Ring Set (101" OS) 43 3734 Ring Set (101" OS) 43 3735 Piston & Pin Assy, (101" OS)(Incl. 43) 44 34334 Ring Set (101" OS) 45 37386 Ring, Piston, Pin Resident Ring, Piston, Pin Assy, (102" OS)(Incl. 43) 46 34334 Ring Set (101" OS) 47 650662 Bott, Connecting (Incl. 49) 48 34242 Dipper, Oil 59 34143 Carnshaft (MCR) 50 33273A Extension, Blower housing 56 650128 Screw, 10-24 x 1/2" 50 34143 Carnshaft (MCR) 51 33368 Play, Oil drain 51 30590A Washer, Flat 51 27642 Plug, Oil drain 51 305901 Retaining 51 660832 Screw, 10-24 x 1/2" 51 31850 Seal, Oil 51 660833 Screw, 10-24 x 1/2" 51 31850 Seal, Oil 51 660833 Screw, 10-24 x 1/2" 52 31850 Seal, Oil 53 305891 Seal, Oil 54 Carnshaft (MCR) 55 31850 Seal, Oil 56 356012 Screw, 10-24 x 1/2" 57 51850 Seal, Oil 58 305894 Spool, Governor 58 4 29193 Ring, Retaining 58 650833 Screw, 14-20 x 1-11/16" 59 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			
20 32630 Seal, Oil 25 35256A Baffle, Blower housing 26 650561 Screw, 14-20 x 5/8" 30 33365B Crankshaft (Incl. 108 & 109) 35 29826 Screw, 10-32 x 3/4" 36 29918 Lockwasher, 78 E.T. 37 29216 Nu & Lockwasher, 10-32 "Keps" 37A 30322 Locknut, Hex "Keps", 8-32 38 29642 Ring, Retaining 40 34553 Piston, Pin & Ring Set (Std.) (3-1/8") 40 34553 Piston, Pin & Ring Set (1010" OS) 41 34329A Piston & Pin & Ring Set (1010" OS) 41 34331A Piston & Pin Assy, (C010" OS)(Incl. 43) 41 34331A Piston & Pin Assy, (C010" OS)(Incl. 43) 42 34332 Ring Set (D010" OS) 43 27888 Ring, Piston Pin Ring Set (100" OS) 43 27888 Ring, Piston Pin retaining 45 32591C Rod Assy, Connecting (Incl. 49) 46 34242 Dipper, Oil 47 66065C Bolt, Connecting (Incl. 49) 48 34034 Lifter, Valve 49 34242 Dipper, Oil 49 34242 Dipper, Oil 50 33273A Extension, Blower housing 56 660128 Screw, 10-24 x 1/2" 59 35262 Gasket, Cylinder cover 70 33367B Cylinder Cover (Incl. 71, 75, 80, 311 & 312) 81 33068A Spool, Seal, Oil 81 30590A Washer, Flat 82 50913 Ring, Flating (Lock 10) 82 31845 Shaft, Mechanical governor 84 29193 Ring, Retaining 86 650833 Screw, 14-20 x 1-11/16" 87 650862 Screw, 14-20 x 1-11/16" 88 32589 Key, Flywheel 89 260815 Ring, Piston Pin (Lock 11) 80 30273A Screw, 10-24 x 1/2" 80 30581 Screw, 10-24 x 1/2" 81 30590A Washer, Flat 82 30591 Gear Assy, Connecting Governor 84 29193 Ring, Retaining 86 650833 Screw, 14-20 x 1-11/16" 87 650862 Screw, 14-20 x 1-11/16" 88 32589 Key, Flywheel 89 260815 Ring, Retaining 80 30245 Gear, Crankshaft 80 3030A Head, Cylinder Lover 90 3030A Exhaust Valve (Vi22" OS) (Incl. 151)			·
25 35256A Baffle, Blower housing 26 660561 Screw, 1/4-20 x 56tt* 30 33365B Crankshaft (Ind. 108 & 109) 35 29826 Screw, 10-32 x 34t* 36 29918 Lockwasher, # 8 E.T. 37 29216 Nut & Lockwasher, # 8 E.T. 37 30 322 Lockmut, Hex "Keps", 8-32 38 29642 Ring, Retaining 40 34552 Piston, Pin & Ring Set (Std.) (3-1/8") 40 34553 Piston, Pin & Ring Set (Std.) (3-1/8") 41 34330A Piston & Pin Assy, (Std)(Ind. 43)(3-1/8") 41 34330A Piston & Pin Assy, (Std)(Ind. 43)(3-1/8") 42 34332 Ring Set (Std.) (3-1/8") 43 3434 Piston & Pin Assy, (Ozo" OS)(Ind. 43) 42 34332 Ring Set (Std.) (3-1/8" Bore) 43 37888 Ring Set (Ozo" OS) 43 3434 Ring Set (Ozo" OS) 45 3434 Ring Set (Ozo" OS) 46 34034 Lifter, Valve 47 650662 Bott, Connecting (Ind. 49) 48 34242 Dipper, Oil 49 34242 Dipper, Oil 50 33273A Extension, Blower housing 56 660128 Screw, 10-24 x 1/2" 50 33143 Carnshaft (MCR) 51 33367B Cylinder Cover (Ind. 71, 75, 80, 311 & 312) 51 31845 Shaft Mechanical governor 50 31845 Shaft Mechanical governor 50 31845 Shaft Mechanical governor 51 30590 Ring Retaining 52 27642 Plug, Oil drain 53 30589A Spool Governor 54 29193 Ring Retaining 56 660835 Screw, 14-20 x 1-3/16" 57 660832 Screw, 14-20 x 1-3/16" 58 30589A Spool Governor 58 30589A Spool Governor 58 30599 Ring, Retaining 59 32245 Gear, Crankshaft 59 30441 "Carnshaft (Lift) 50 31041 "Carnshaft (Lift) 50 31041 "Carnshaft (Lift) 50 31045 Screw, 14-20 x 1-3/16" 51 660832 Screw, 14-20 x 1-3/16" 51 67 67 67 67 67 67 67 67 67 67 67 67 67			· •
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30 33365B			<u> </u>
36 29826 36 29918 37 29216 37 29216 37 329216 38 29918 39 29918 39 29918 30 29918 30 29918 30 29918 30 29918 30 29918 30 29918 31 29216 37 29216 38 29942 38 29942 40 34552 38 29942 40 34553 40 34553 40 34553 40 34554 41 34329A 41 34329A 41 34330A 41 34331A 42 34332 42 34333 43 Piston & Pin & Ring Set (0.020" OS) 41 34330A 42 34332 43 Ring Set (361, (3-1/8") 41 34331A 42 34333 43 Piston & Pin Assy, (0.020" OS)(Incl. 43) 42 34332 43 3433 42 34333 43 Ring Set (0.010" OS) 43 27888 45 Ring Set (0.010" OS) 46 360662 47 660662C 48 34034 49 34242 50 34143 60 33273A 60 650128 60 33273 60 650128 60 33273 60 650128 60 35262 60 70 33367B 60 70 70 70 70 70 70 70 70 70 70 70 70 70			•
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37 29216  37A 30222  Locknut, Hex. "Keps.", 8-32  38 29642  Ring, Retaining  40 34553  Piston, Pin & Ring Set (Std.) (3-1/8")  40 34553  Piston, Pin & Ring Set (100" OS)  40 34554  Piston, Pin & Ring Set (1020" OS)  41 34329A  Piston & Pin Assy, (Std)(Incl. 43)(3-1 /8")  Piston & Pin Assy, (Std)(Incl. 43)(3-1 /8")  Piston & Pin Assy, (Std)(Incl. 43)(3-1 /8")  Piston & Pin Assy, (1010" OS)(Incl. 43)  Piston & Pin Assy, (1010" OS)(Incl. 43)  Piston & Pin Assy, (1010" OS)(Incl. 43)  Piston & Pin Assy, (1020" OS)  Ring Set (1010" OS)  Ring Set (1010" OS)  Ring Set (1020" OS)  Ring Set (1010" OS)  Piston pin retaining  Rod Assy, Connecting (Incl. 49)  Piston & Pin Assy, (1020" OS)  Ring Set (1010" OS)  Piston pin retaining  Rod Assy, Connecting (Incl. 49)  Piston pin retaining  Rod Assy, Connecting Incl. 49)  Piston pin retaining  Rod (1020" OS)(Incl. 43)  Ring Retiating  Pin (1020" OS)(Incl. 43)  Rod Assy, Connecting Incl. 49)  Piston pin Rod Rod Assy, Governor (Incl. 81)  Rod Settle Pin Rod			•
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40 34554 Piston, Pin & Ring Set (020" OS) 41 34329A Piston & Pin Assy, (Std)(Incl.43)(3-1 /8") 41 34330A Piston & Pin Assy, (010" OS)(Incl. 43) 41 34331A Piston & Pin Assy, (020" OS)(Incl. 43) 42 34333 Ring Set (010" OS) 42 34334 Ring Set (010" OS) 43 27888 Ring Set (010" OS) 45 32591C Rod Assy, Connecting (Incl. 49) 46 53662C Bolt, Connecting (Incl. 49) 47 650662C Bolt, Connecting (Incl. 49) 48 34034 Lifter, Valve 49 34242 Dipper, Oil 50 34143 Camshaft (MCR) 60 33273A Extension, Blower housing 65 650128 Screw, 10-24 x 1/2" 69 35262 "Gasket, Cylinder cover 70 33367B Cylinder Cover (Incl. 71, 75, 80, 311 & 312) 71 33368 Bushing, Crankshaft 72 27642 Plug, Oil drain 73 31950 Seal, Oil 80 31845 Shaft, Mechanical governor 81 30590A Washer, Flat 82 30591 Gear Assy, Governor 83 30588A Spool, Governor 84 39193 Ring, Retaining 86 650832 Screw, 10-2 x 1-1/16" 89 32589 Key, Flywheel 90 32589 Key, Flywheel 91 334041 Ring Retaining 92 650815 Washer, Flat 93 32589 Key, Flywheel 93 32589 Fin, Crankshaft 94 29193 Ring, Retaining 94 650849 Screw, 1/4-20 x 1-3/16" 95 32589 Key, Flywheel 96 3246 Gear Assy, Flower 97 34041 Ring Retaining 97 32589 Screw, 1/4-20 x 1-3/16" 98 32589 Key, Flywheel 99 32660415 Washer, Belleville 90 310414 Cover, Spark plug (Use as required) 90 33245 Gear, Crankshaft 91 340414 "Gasket, Head 94 14-20 x 1-3/16" 96 32788A Exhaust Valve (182' OS) (Incl. 151)			
41 34329A 41 34330A 41 34330A 42 34332 42 34332 43 Ring Set (Std.) (3-1/8" Bore) 42 34333 43 Ring Set (O.10" OS) (Incl. 43) 42 34333 43 Ring Set (O.10" OS) 43 27888 44 Ring, Piston & Pin Assy. (.010" OS) 45 2891C 47 650662C 48 34034 49 34242 50 34143 60 33273A 60 33273A 65 650128 69 35262 69 35262 69 35262 69 35262 70 33367B 71 33368 72 27642 75 31950 80 31845 71 30590A 81 30590A 82 30591 83 30588A 84 29193 86 650833 87 650832 86 650833 87 650835 87 650835 88 650833 89 650835 80 33245 81 6			, ,
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70 33367B			·
71 33368			
72 27642			
75       31950       Seal, Oil         80       31845       Shaft, Mechanical governor         81       30590A       Washer, Flat         82       30591       Gear Assy., Governor (Incl. 81)         83       30588A       Spool, Governor         84       29193       Ring, Retaining         86       650833       Screw, 1/4-20 x 1-3/16"         87       650832       Screw, 1/4-20 x 1-11/16"         89       32589       Key, Flywheel         92       650815       Washer, Belleville         93       8116       Nut, Hex (1/2-20)         101       610118       Cover, Spark plug (Use as required)         103       650489       Screw, 1/4-20 x 5/8"         108       29783       Pin, Crankshaft gear         109       33245       Gear, Crankshaft         119       34041A       * Gasket, Head         120       34030A       Head, Cylinder         125       27878A       Exhaust Valve (Std.) (Incl. 151)         125       27880A       Exhaust Valve (1/32" OS) (Incl. 151)			
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82       30591       Gear Assy., Governor (Incl. 81)         83       30588A       Spool, Governor         84       29193       Ring, Retaining         86       650833       Screw, 1/4-20 x 1-3/16"         87       650832       Screw, 1/4-20 x 1-11/16"         89       32589       Key, Flywheel         92       650815       Washer, Belleville         93       8116       Nut, Hex (1/2-20)         101       610118       Cover, Spark plug (Use as required)         103       650489       Screw, 1/4-20 x 5/8"         108       29783       Pin, Crankshaft gear         109       33245       Gear, Crankshaft         119       34041A       * Gasket, Head         120       34030A       Head, Cylinder         125       27878A       Exhaust Valve (Std.) (Incl. 151)         125       27880A       Exhaust Valve (1/32" OS) (Incl. 151)			
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84       29193       Ring, Retaining         86       650833       Screw, 1/4-20 x 1-3/16"         87       650832       Screw, 1/4-20 x 1-11/16"         89       32589       Key, Flywheel         92       650815       Washer, Belleville         93       8116       Nut, Hex (1/2-20)         101       610118       Cover, Spark plug (Use as required)         103       650489       Screw, 1/4-20 x 5/8"         108       29783       Pin, Crankshaft gear         109       33245       Gear, Crankshaft         119       34041A       * Gasket, Head         120       34030A       Head, Cylinder         125       27878A       Exhaust Valve (Std.) (Incl. 151)         125       27880A       Exhaust Valve (1/32" OS) (Incl. 151)			
86       650833       Screw, 1/4-20 x 1-3/16"         87       650832       Screw, 1/4-20 x 1-11/16"         89       32589       Key, Flywheel         92       650815       Washer, Belleville         93       8116       Nut, Hex (1/2-20)         101       610118       Cover, Spark plug (Use as required)         103       650489       Screw, 1/4-20 x 5/8"         108       29783       Pin, Crankshaft gear         109       33245       Gear, Crankshaft         119       34041A       * Gasket, Head         120       34030A       Head, Cylinder         125       27878A       Exhaust Valve (Std.) (Incl. 151)         125       27880A       Exhaust Valve (1/32" OS) (Incl. 151)			
87       650832       Screw, 1/4-20 x 1-11/16"         89       32589       Key, Flywheel         92       650815       Washer, Belleville         93       8116       Nut, Hex (1/2-20)         101       610118       Cover, Spark plug (Use as required)         103       650489       Screw, 1/4-20 x 5/8"         108       29783       Pin, Crankshaft gear         109       33245       Gear, Crankshaft         119       34041A       * Gasket, Head         120       34030A       Head, Cylinder         125       27878A       Exhaust Valve (Std.) (Incl. 151)         125       27880A       Exhaust Valve (1/32" OS) (Incl. 151)			
89       32589       Key, Flywheel         92       650815       Washer, Belleville         93       8116       Nut, Hex (1/2-20)         101       610118       Cover, Spark plug (Use as required)         103       650489       Screw, 1/4-20 x 5/8"         108       29783       Pin, Crankshaft gear         109       33245       Gear, Crankshaft         119       34041A       * Gasket, Head         120       34030A       Head, Cylinder         125       27878A       Exhaust Valve (Std.) (Incl. 151)         125       27880A       Exhaust Valve (1/32" OS) (Incl. 151)			·
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101       610118       Cover, Spark plug (Use as required)         103       650489       Screw, 1/4-20 x 5/8"         108       29783       Pin, Crankshaft gear         109       33245       Gear, Crankshaft         119       34041A       * Gasket, Head         120       34030A       Head, Cylinder         125       27878A       Exhaust Valve (Std.) (Incl. 151)         125       27880A       Exhaust Valve (1/32" OS) (Incl. 151)			·
103 650489 Screw, 1/4-20 x 5/8" 108 29783 Pin, Crankshaft gear 109 33245 Gear, Crankshaft 119 34041A * Gasket, Head 120 34030A Head, Cylinder 125 27878A Exhaust Valve (Std.) (Incl. 151) 125 27880A Exhaust Valve (1/32" OS) (Incl. 151)			
108       29783       Pin, Crankshaft gear         109       33245       Gear, Crankshaft         119       34041A       * Gasket, Head         120       34030A       Head, Cylinder         125       27878A       Exhaust Valve (Std.) (Incl. 151)         125       27880A       Exhaust Valve (1/32" OS) (Incl. 151)			
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119       34041A       * Gasket, Head         120       34030A       Head, Cylinder         125       27878A       Exhaust Valve (Std.) (Incl. 151)         125       27880A       Exhaust Valve (1/32" OS) (Incl. 151)			·
120       34030A       Head, Cylinder         125       27878A       Exhaust Valve (Std.) (Incl. 151)         125       27880A       Exhaust Valve (1/32" OS) (Incl. 151)			·
125 27878A Exhaust Valve (Std.) (Incl. 151) 125 27880A Exhaust Valve (1/32" OS) (Incl. 151)			·
125 27880A Exhaust Valve (1/32" OS) (Ind. 151)			
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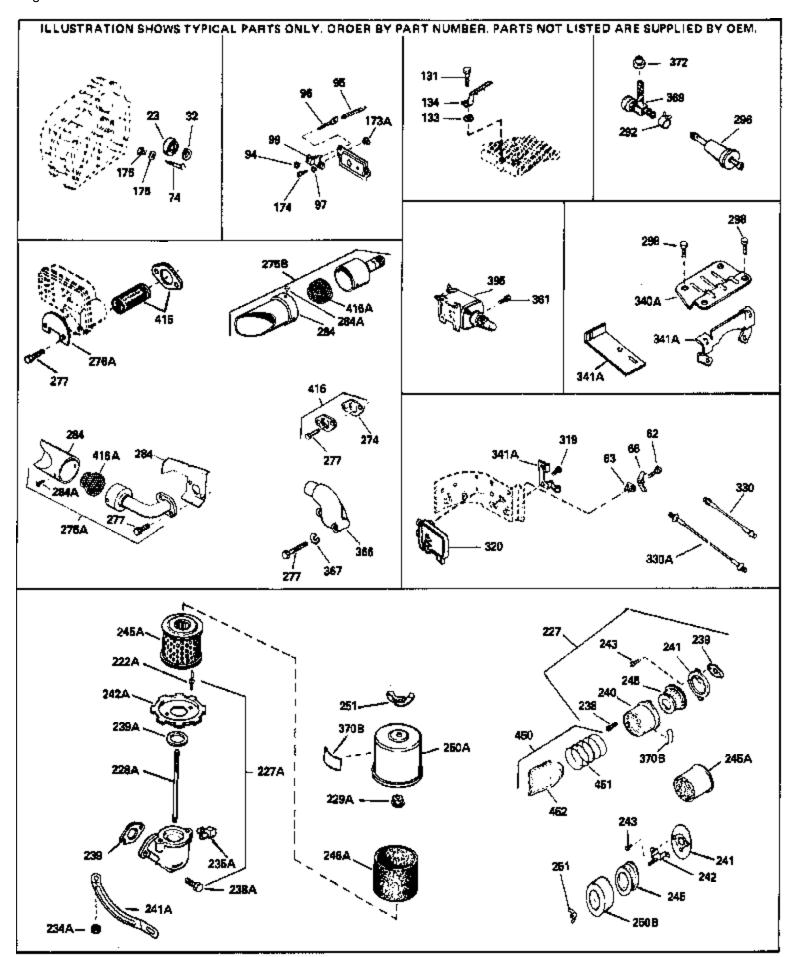
Ref #	Part Number Qt	
126	34035	Intake Valve (Std.) (Incl. 151)
126	34036	Intake Valve (1/32" OS) (Incl. 151)
127A	26073	Washer, Flat (Use as required)
127A	650570	Washer, Flat (Use as required)
127	650691	Washer (Use as req., but not w/6021A screw)
128	650690	Washer, Belleville
	650727	Screw, 5/16-18 x 1-3/4" (Use as requi red)
	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)
	650713	Screw, 5/16-18 x 5/8" (Use as required)
	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 3/6 (Use as required ) 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)
	33369	Bracket, Governor gear
	650836	Screw, 10-24 x 1/2"
	27882	Cap, Upper valve spring
	27882	Cap, Upper valve spring
	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
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	33877	Pipe, Intake
203	32924	Spring, Compression
204	650688	Screw, 10-32 x 1"
	610973	Terminal Assy. (Use as required)
223	650378	Screw, Torx T-30, 5/16-18 x 1-1/8 "
224	27915A	* Gasket, Intake pipe
260	33375D	Blower Housing (For electric starter)
	650788	Screw, 5/16-18 x 3/4" (Use as require d)
	29747B	Screw, 5/16-24 x 21/32"
	33272B	Cover, Cylinder head
	33280A	Muffler
	35824	Muffler (Optional quiet 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"
	33662	Hub & Screen Assy., Starter
	29752	Nut & Lockwasher, 1/4-28
	29774	Fuel Line (Braided 8-1/4")(21 cm)(As req.)
	30705	Fuel Line (Braided 6-1)-4 )(21 cm)(Use as req.)
	30962	Fuel Line (Braided 10 )(41 cm)(Use as req.)
	26460	Clamp, Fuel line (Use as required)
	650665	Screw, 1/4-15 x 7/8"
290		OGIGW, 1/4-10 A 7/0

Dof #	Dort Number	Oh.	Description
	Part Number 34156A	Qty	Description  Fuel Tank (Incl. 292 & 301) NOTE: These tanks were builtwith different size fuel inlet openings. Tanks with the 1-3/16" I.D. opening use fuel cap 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355.
	410144B 33032		Fuel Cap (White Plastic)(Std)(1-1/2" I.D.) Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (1-3/16" I.D.)
301	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (1-3/16" I.D)
306 310 325 325 340 341 342 370A 370 370J	35355 29673 31297 29443 34246 34154 34155 650561 550223 34346 34870 631021 631979		Fuel Cap (Red plastic) (1-1/2" I.D.)  * Gasket, Oil fill  Dipstick (Incl. 306)  Clip, Fuel line (Use as required)  Clip, Ground wire (Use as required)  Plate, Fuel tank mounting  Bracket, Fuel tank mounting  Screw, 1/4-20 x 5/8"  Decal, Name  Decal, Instruction  Decal, Instruction Can be used on HM80 with diecast starter.  Inlet Needle, Seat & Clip Assy.  Carburetor (Incl. 184) (Refer to Division 5, Section A, page 150 for breakdown or Fiche18A-1, Grid E-7)
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 & 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).

### For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 Page 5 of 11

HM80-155187E Engine Parts List #1

Ref # Part Number Description Qty A.C. Lighting Connector (Use as required) (Refer to 432 611078 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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Ref #	Part Number	Otv	Description
74 97 131	31855 650802	~.,	Retainer, Bearing Lockwasher, Heavy split, #10 (Buy loc ally) Screw, 1/4-20 x 5/8" (Use as required )
131 133 134 174 174	650737 650738 650890 30747 650128 650597 730127		Screw, 1/4-20 x 1/2" (Use as required ) Screw, 1/4-20 x 5/8" (Use as required ) Washer, Lock, 5/16" Clip, Spark plug shorting Screw, 10-24 x 1/2" Screw, 10-24 x 5/8" 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)
	650824 650851		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)
239 241 242 243 245A 245 250B 251 274	27272A 27272A 33266 33267 28820 34700 33268 33269A 650513 35865 391026		* Gasket, Air cleaner  * Gasket, Air cleaner Bracket, Air cleaner Bracket, Air cleaner Screw, 10-32 x 1/2" Element, Air cleaner Element, Air cleaner Cover, Air cleaner Nut, Wing, 1/2-20 Gasket, Exhaust (Use as required) Muffler (Incl. 284, 284A & 416A) (This spark arresting muffler can be used on any model.)
277 277A 292 298 370J	35824 650729 650696 26460 650665 34870 34387		Muffler (Optional quiet muffler) 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. 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
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)

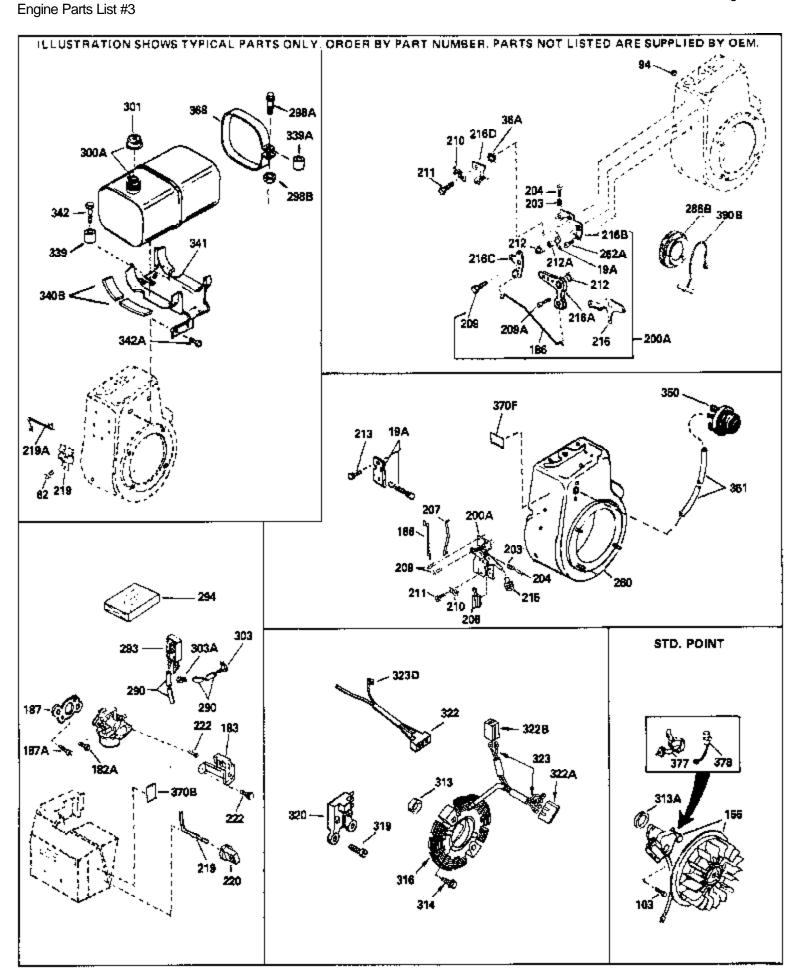
# For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 HM80-155187E Page 8 of 11 Engine Parts List #2

Dof #	Part Number	Qty Description
415	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).

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# For Discount Tecumseh Engine Parts Call 606-678-9623 or 606-561-4983 HM80-155187E Page 10 of 11 Engine Parts List #3

103	Part Number (650489 610848	Oty Description  Screw, 1/4-20 x 5/8"  Magneto (w/ring gear for 110 volt sta rter) NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as shown in parts list. (Refer to Division 5, Section B, page 28 for breakdown or Fiche 18A-1, Grid G
	33372 730152	Link, Governor lever-to-bellcrank Control Bracket (Incl. 19, 19A, 209A, 212, 212A, 216A, 216B, 216C & 262A)
204 206 207 209A 212 212A 216C 216A 216B 260 262A 275C 277A 286B 290 290 290	32924 650688 610973 33878 30312 29530 28562 30201A 30712 30199A 33375D 650399 35824 650696 33662 29774 30705 30962 410144B 33032	Spring, Compression Screw, 10-32 x 1" Terminal Assy. (Use as required) Link, Governor-to-throttle Screw, 10-32 x 1/2" Bushing, Bellcrank lever Bushing, RM. adjusting lever Lever, Speed control Lever, Bellcrank Bracket, Speed adjusting (Incl.100 & 324) Blower Housing (For electric starter) Screw, 10-32 x 5/8" Muffler (Optional quiet muffler) Screw, 5/16-18x2-3/4" (Used with 276A) Hub & Screen Assy., Starter 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.) 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)
313A 339 341 342	35355 33876 35038 34155 650561 34387	Fuel Cap (Red plastic) (1-1/2" I.D.) Gasket, Stator Spacer, Tank Bracket, Fuel tank mounting Screw, 1/4-20 x 5/8" Decal, Instruction Can be used on HM80 with stamped steel recoil starter.
377 378	34870 30547A 30548B 35570	Decal, Instruction Can be used on HM80 with diecast starter. Contact Assy., Breaker Condenser 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)

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	Part Number	Qty Description
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).
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).