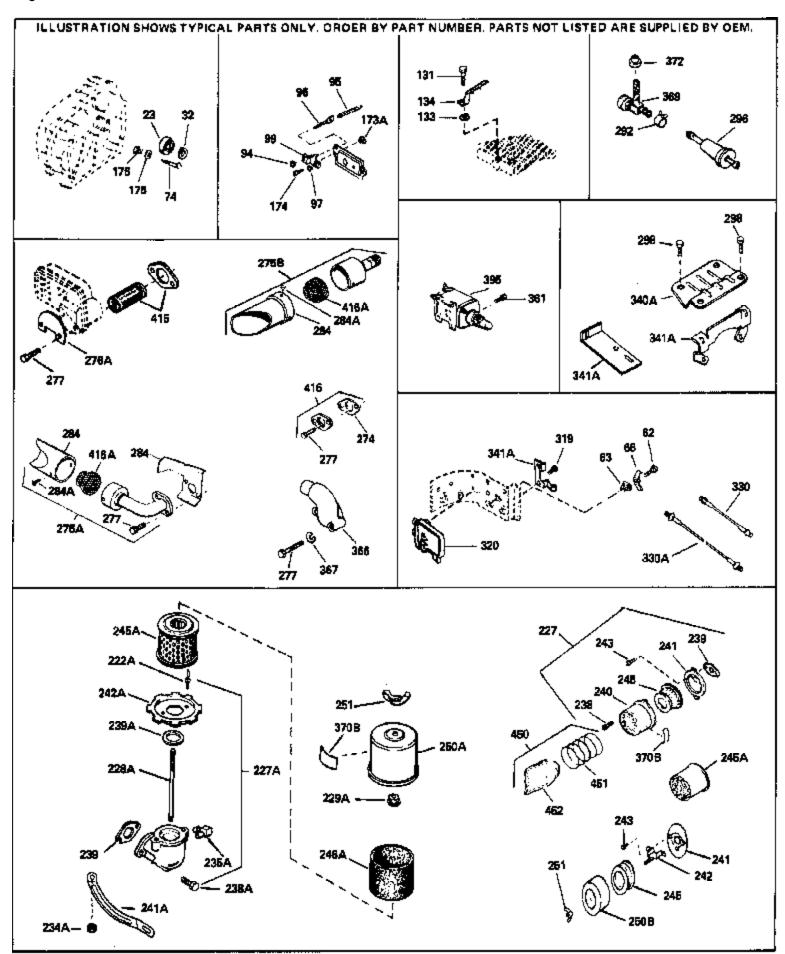


1 343-48B 2 27652 4 30968 Cylinder (Incl 2/20,72,72A) (3-1/8" B ore) Pin, Dowel 5 30969 15A 30700 Yoke, Governor Sorew, 6-40 x 5/16" 15 30989C Rod Assy., Governor (Incl. 15A & 15B) 600494 Sorew, 6-40 x 5/16" 16 30454 Governor Lever Assy. Clamp, Governor (Incl. 15A & 15B) Governor Lever Assy. Governor (Incl. 15A & 15B) Governor Lever Assy. Governor (Incl. 15A & 15B) Governor Lever Assy. Governor (Incl. 15A & 15B) Governor (Incl.	Ref #	Part Number Qty	Description
2 27652 Pin. Dowel 4 30968 1 5 30969 Cap, Oil drain 5 30969 Cap, Oil drain 1 5 30969 Cap, Oil drain 1 5 30969 Cap, Oil drain 1 5 30969C Rod Asy, Covernor (Ind. 15A & 15B) 6 32454 Governor Lever Assy, 1 7 29916 Cap Covernor (Ind. 15A & 15B) 8 4663 Sorew, 8-32 x 5/16* 9 34663 Sorew, 8-32 x 5/16* 9 34663 Sorew, 8-32 x 5/16* 9 34663 Sorew, 8-32 x 5/16* 9 34693 Sorew, 8-32 x 5/16* 9 34594 Carlson, Sorew, 1/4-20 x 5/8* 9 32930 Eafle, Blower housing 2 6 680561 Screw, 1/4-20 x 5/8* 9 3 34594 Carlson, Sorew, 1/4-20 x 5/8* 9 3 29826 Screw, 1/3-2 x 3/4* 9 3 29842 Ring, Retailing 9 Histon, Pin & Ring Set (Jol' O'S) 9 40 34553 Piston, Pin & Ring Set (Jol' O'S) 9 41 34339A Piston, Pin & Ring Set (Jol' O'S) 9 41 34339A Piston, Pin Assy, (Coll) (Ind. 43)(2-1/8") 9 15ton, Pin Assy, (Coll) (Ind. 43)(2-1/8") 9 15ton, Pin Assy, (Coll) (Ind. 43)(3-1/8") 9 15ton, Pin Assy, (Coll) (Sylincl. 43) 9 15ton, Pin Assy, (Coll) (Ind. 43)(3-1/8") 9 15ton, Pin Assy, (Coll) (	1	34348B	Cylinder (Incl.2,20,72,72A) (3-1/8" B ore)
4 30968   Nipple, Pipe   5 30969   Cap, Oil drain   15 30969   Cap, Oil drain   15 30969   Cap, Oil drain   16 30454   Screw, 64 Av 5.716"   15 30699C   Rod Assy, Governor (Incl. 15A & 15B)   Governor Lever Assy, Governor (Incl. 15A & 15B)   Governor Lever Assy, Governor Lever Associated Lever Associate	2	27652	
5 90969 Cap, Old drain 15B 650494 Screw, 6-40 x 5716" 15 30699C Rod Assy, Governor (Incl. 15A & 15B) 16 33454 Governor Lever Assy, 17 29916 Capen, Governor (Incl. 15A & 15B) 18 650548 Screw, 8-32 x 5716" 19 3463 Spring, Speed control 20 32630 Seal, Oll 21 32256A Battle, Blower housing 22 60061 23 3459A Crankshaft (Incl. 108 & 109) 35 28826 Screw, 10-32 x 34" 36 29918 Lockwasher, # 8 E.T. 37 A 30322 Lockwasher, # 8 E.T. 38 28912 Ring Ref (Incl. 108 & 109) 36 29918 Lockwasher, # 8 E.T. 37 A 30322 Lockwasher, # 8 E.T. 38 28942 Ring, Retaining 40 34553 Piston, Pin & Ring Set (1010" OS) 40 34554 Piston, Pin & Ring Set (1010" OS) 41 34330A Piston & Pin Assy, (1016) (Incl. 43) 41 34331A Piston & Pin Assy, (1016) (Incl. 43) 42 34333 Ring Set (Std.) (3-18" Bore) 42 34333 Ring Set (1010" OS) 43 27888 Ring, Retaining 45 2291C Rod Assy, Connecting (Incl. 49) 46 3426 Battle, Bat			•
15A 30700 15B 650494 15 30699C 16 33454 16 33454 17 29916 18 650548 18 650548 19 34663 20 32630 25 36256A 26 500661 26 500661 27 50070,			• • • •
15B 650494 Screw, 640 x 5/16" 15 30699C Rod Assy, Governor (Incl. 15A & 15B) 16 33454 Governor Lever Assy, 17 29916 Clarps, Governor (Incl. 15A & 15B) 18 650548 Screw, 8-32 x 5/16" 19 3463 Spring, Speed control 20 32630 Seal, Oil 25 35256A Baffle, Blower housing 26 650561 Screw, 14-20 x 5/6" 27 30 33459A Crankshaft (Incl. 108 & 109) 28 52826 Screw, 10-22 x 3/4" 28 52826 Screw, 10-22 x 3/4" 29 34533 Lockwasher, # 8 E.T. 29 14 34553 Piston, Pin & Ring Set (Std.) (3-1/8") 40 34553 Piston, Pin & Ring Set (Ord" OS) 41 34320A Piston & Pin & Ring Set (Ord" OS) 41 34330A Piston & Pin Assy, (100" OS)(Incl. 43) 41 34331A Piston & Pin Assy, (100" OS)(Incl. 43) 42 34332 Ring Set (Ord" OS) 43 3291C Ring Set (100" OS) 43 3291C Ring Set (100" OS) 44 34731A Piston & Pin Assy, (100" OS)(Incl. 43) 45 32591C Rod Sey, Connecting (Incl. 49) 46 34562 Boll, Connecting (Incl. 49) 47 650662C Boll, Connecting (Incl. 49) 48 34242 Dipper, Oil 49 34256 Screw, 10-24 x 1/2" 59 34786 Carshaft (MCR) (Extended) 50 3273A Extension, Blower housing 50 Screw, 16-24 x 1/2" 50 34787 Cover, Cynided (Incl. 17), 75 & 80) 50 3185 Seption 50 30 30 30 30 30 30 30 30 30 30 30 30 30			•
15 90699C 16 33454 17 29916 18 650548 17 29916 18 650548 19 34633 20 32530 20 32530 20 32530 20 32550 21 35256A 23 650561 25 35256A 26 50561 30 33459A 35 28926 30 33459A 35 28926 37 28216 38 29918 37 30322 40 34552 40 34552 40 34552 40 34553 40 34554 41 34330A 41 34329A 41 34329 42 3433 43 49 19ston & Pin Assy. (JOU' OS)(Incl. 43) 41 34329 42 3433 43 7888 45 32591C 46 34594 47 650662C 48 34094 49 34242 50 34786 60 33273A 51 51 51 51 51 51 51 51 51 51 51 51 51 5			
16 33454 Governor Lever Assy. 17 29916 Clamp, Governor lever 18 650548 Screw, B-32 x 5/16* 19 34663 Spring, Speed control 20 32630 Seal, Oil 25 35256A Ballie, Blower housing 26 650561 Screw, 1/4-20 x 5/6* 30 33459A Crankshaft (Ind. 108 & 109) 35 29526 Screw, 1/4-20 x 5/6* 36 29918 Lockwasher, 4 8 E.T. 37A 30322 Lockwut, Hex "Keps", 8-32 37 29216 Nuf & Lockwasher, 10-32 x "Keps" 38 29642 Rigg, Retaining 40 34552 Piston, Pin & Ring Set (Oil) (3-1/8*) 40 34553 Piston, Pin & Ring Set (Oil) (3-1/8*) 41 34330A Piston & Pin Assy (1010* OS) 41 343329A Piston & Pin Assy (1010* OS) 41 343321 Piston & Pin Assy (1010* OS) 42 34333 Ring Set (010* OS) 42 34333 Ring Set (010* OS) 43 27688 Ring, Piston Pin Fin Ser (020* OS) 43 3434 Piston & Pin Assy (1020* OS) 44 3434 Ring Set (1010* OS) 45 2991C Rod Assy, Connecting (Incl. 49) 46 3422 Dipper, Oil 50 34786 Carthyr Valve 50 34786 Carthyr (All Piston) 51 32694 Piston 52 32734 Extension, Blower housing 52 650750 Seal, Oil 53 3262 "Gasket, Cylinder Cover 70 34787 Cover, Oylinder (Incl. 71, 75 & 80) 53 30589A Spool, Oxled Sorter, 11/16* 59 650833 Screw, 11-16* (Sept.) 50 660851 Nut, Hex Tickyr (Incl. 81) 50 650853 Nut, Hex (1010* Oxled on alternator) 50 650851 Nut, Hex Tickyr (Incl. 81) 50 650851 Nut, Hex Tickyr (Incl. 91) 50 650851			
17 29916 Clamp, Governor lever 18 660548 Screw, 8-32 x 51°16° 19 34663 Spring, Speed control 25 35256A Sel. Oil 25 35256A Sel. Oil 26 560561 Screw, 14-20 x 5/6° 30 33459A Crankshaft (Ind. 108 & 109) 35 29626 Screw, 10-32 x 3/4° 36 29918 Lockwasher, 10-32 x 3/4° 37 30322 Lockmut, Hex "Keps", 8-32 37 29216 Nu & Lockwasher, 10-32 "Keps" 38 29642 Ring, Retaining 40 34552 Piston, Pin & Ring Set (Sid.) (3-1/8") 40 34554 Piston, Pin & Ring Set (Sid.) (3-1/8") 41 34529A Piston & Pin & Ring Set (010" OS) 41 34530A Piston & Pin & Ring Set (020" OS) 41 34331A Piston & Pin & Ring Set (020" OS) 42 34333 Ring Set (Sid.) (3-1/8" Pore) 42 34333 Ring Set (Sid.) (3-1/8" Pore) 43 27888 Ring Set (000" OS) 43 27888 Ring Set (000" OS) 44 34344 Ring Set (000" OS) 45 34786 Candada Ring Set (Deces) 46 34786 Candada Ring Set (Deces) 47 65066C Bott, Connecting (Ind. 49) 48 34242 Dipper, Oil 50 34786 Candada Ring Set (Candada Ring) 66 35273A Extension, Blower housing 67 34786 Candada Ring Set (Deces) 68 32654 Screw, 10-24 x 1/2" 69 35262 Garden Ring Set (Sid.) (3-1/8" Ring Set (Deces) 89 32684 Screw, 10-24 x 1/2" 80 32685 Screw, 10-24 x 1/2" 80 32656 Screw, 10-24 x 1/2" 81 30590A Extension, Blower housing 81 27 27642 Pig. Oil Candada Ring 86 65083 Screw, 10-24 x 1/2" 87 30590A Screw, 10-24 x 1/2" 88 30591 Gard, 10-14 (10-14) 89 32696 Scal, Oil 80 31645 Screw, 10-24 x 1/2" 80 30590A Screw, 10-24 x 1/2" 81 30590A Scal, Oil 80 31645 Screw, 10-24 x 1/2" 81 30590A Scal, Oil 80 31645 Screw, 10-24 x 1/2" 81 30590A Scal, Oil 80 31645 Screw, 10-24 x 1/2" 81 30590A Scal, Oil 80 31645 Screw, 10-24 x 1/2" 81 30590A Scal, Oil 80 31645 Screw, 10-24 x 1/2" 81 30590A Scal, Oil 81 30590A Screw, 10-24 x 1/2" 82 32591 Gear Assy., Covernor (Ind. 81) 83 30580A Scovernor (Ind. 81) 84 325891 Screw, 10-24 x 1/2" 85 325891 Screw, 10-24 x 1/2" 86 325891 Screw, 10-24 x 1/2" 87 31950 Scal, Oil 88 325891 Screw, 10-24 x 1/2" 89 325891 Screw, 10-24 x 1/2" 80 325891 Screw, 10-24 x 1/2" 81 30590A Screw, 10-24 x 1/2" 82 325891 Screw, 10-24 x 1/2" 83 305580A Screw, 10-24 x			
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26 650561 30 33459A Crankshaft (Incl. 108 & 109) 35 29826 36 29918 Lockwasher, # 8 E.T. 37A 30322 Locknut, Hex "Keps", 8-32 Nut & Lockwasher, 10-32 "Keps" 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 34329A Piston & Pin & Ring Set (O20" OS) 41 34329A Piston & Pin Assiy, (1010" OS) Piston & Pin Assiy, (1010" OS)(Incl. 43) Ad331A Piston & Pin Assiy, (1010" OS)(Incl. 43) Piston & Pin Assiy, (1010" OS)(Incl. 43) Piston & Pin Assiy, (1010" OS) Piston, Piston & Pin Assiy, (1010" OS) Piston, Piston & Pin Assiy, (1010" OS) Piston, Piston, Pin Ring Piston, Pin Ring Piston, Pis			
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35 29826			
36 29918  37 30322  Lockmusher, **Reps**, 8-32  37 29216  Nut & Lockwasher, 10-32 **Keps**  38 29642  Ring, Retaining  40 34552  Piston, Pin & Ring Set (Std.) (3-1/8**)  40 34553  Piston, Pin & Ring Set (O10" OS)  41 34329A  Piston, Pin & Ring Set (010" OS)  41 34330A  Piston & Pin Assy, (Std)(Ind. 43)(3-1 /8")  41 34331A  Piston & Pin Assy, (.010" OS)(Ind. 43)  42 34332  Ring Set (Std.) (3-1/8" Bore)  42 34333  Ring Set (G10" OS)  43 32788  Ring Set (O20" OS)  43 327888  Ring, Piston pin retaining  45 32591C  Rod Assy, Connecting (Ind. 49)  80 34786  80 33273A  Eltersion, Blower housing  Bracket, Grommet mounting  52 650760  Screw, 8-32 x 38"  63 28545  Grommet, Plastic  65 660128  Screw, 10-24 x 1/2"  69 35262  70 34787  71 33368  72 27642  Piglion  Ring, Ring, Crankshaft  Plug, Oil drain  73 3990A  Washer, Flat  93 30589A  Ring, Retaining  Rod Assy, Connecting (Ind. 8)  Bushing, Crankshaft  Plug, Oil drain  58 80, Identified (Ind. 71, 75 & 80)  Bushing, Crankshaft  Plug, Oil drain  80 30589A  Ring, Retaining  Ring, Retaining  Rod Assy, Governor (Ind. 81)  Spool, Governor (Ind. 81)  Ring, Retaining			
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40 34554 41 34329A 41 34329A 41 34330A 42 Piston & Pin Assy. (Std) (Incl. 43) (3-1 /8") 43 94331A 41 34331A 42 34332 43 18ing Set (Std.) (3-1/8" Bore) 42 34333 43 18ing Set (0.10" OS) 43 27888 45 32591C 47 650662C 48 34034 49 34242 50 1047 65 3273A 66 33273A 61 34126 62 650760 63 3273A 61 34126 62 650760 63 328545 65 650128 65 650128 67 34787 68 Camshaft (MCR) (Extended) 68 35262 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 60 60 60 60 60 60 60 60 60 60 60 60 60 6			
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 34332 Ring Set (.010" OS) 43 27888 Ring Set (.020" OS) 43 27888 Ring, Piston pin retaining 45 32591C Rod Assy,, Connecting (Incl. 49) 47 650662C Bott, Connecting rod (2 pieces) 48 34034 Lifter, Valve 49 34242 Dipper, Oil 50 34786 Camshaft (MCR) (Extended) 60 33273A Extension, Blower housing 61 34126 Bracket, Grommet mounting 62 650760 Screw, 8-32 x 3/8" 63 28545 Grommet, Plastic 65 650128 Screw, 10-24 x 1/2" 69 35262 *Gasket, Cylinder cover 70 34787 Cover, Cylinder (Incl. 71, 75 & 80) 80 31945 Seal, Oil 80 31945 Shaft, Mechanical governor 81 30590A Washer, Flat 82 30591 Gear Assy, Governor (Incl. 81) 83 30588A Spool, Governor 84 50863 Screw, 1/4-20 x 1-3/16" 86 650815 Washer, Belleville 90 650815 Washer, Belleville 91 660863 Nut, Hex (1/2-20) (Add-on altermator) 91 Cover, Spark plug (Use as required)			
41 34330A Piston & Pin Assý. (.010" OS)(incl. 43) 41 34331A Piston & Pin Assý. (.020" OS)(incl. 43) 42 34332 Ring Set (Std.) (3-1/8" Bore) 42 34333 Ring Set (.010" OS) 42 34334 Ring Set (.010" OS) 43 327888 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 34786 Camshaft (MCR) (Extended) 60 33273A Extension, Blower housing 61 34126 Bracket, Grommet mounting 62 650760 Screw, 8-32 x 3/8" 63 28545 Grommet, Plastic 65 650128 Screw, 10-24 x 1/2" 69 35262 *Gasket, Cylinder cover 70 34787 Cover, Cylinder (Incl. 71, 75 & 80) 87 2 77642 Plug, Oil drain 87 2 27642 Plug, Oil drain 88 72 27642 Plug, Oil drain 89 31845 Shaft, Mechanical governor 81 30590A Washer, Flat 82 30591 Gear Assy., Governor (Incl. 81) 83 30588A Spool, Governor 86 650833 Screw, 1/4-20 x 1-3/16" 87 660832 Screw, 1/4-20 x 1-3/16" 88 32589 Key, Flywheel 99 650815 Washer, Belleville 90 650815 Washer, Belleville 91 610118 Cover, Spark plug (Use as required)			
41 34331A 42 34332 43 34333 42 34333 43 34 34333 44 34334 45 34334 46 34334 47 34334 48 34334 48 327888 49 34242 50 34786 60 33273A 61 34126 62 650760 63 28545 65 650128 63 28545 65 650128 65 650128 67 34787 71 33368 72 27642 75 31950 76 28926 76 33034 77 650833 78 660333 78 67 67034 11/16" 78 7924 (Al-20 x 1-11/16" 78 7924 (Al-20 x 1-3) (Al-20 x 1-11/16" 78 7924 (Al-20 x 1-11/16" 78 7925 (Al-20 x 1-11/16" 78 7924 (A			
42 34332 42 34333 42 34333 42 34334 43 27888 43 27888 45 32591C 47 650662C 48 34034 49 34242 50 Joper, Oil 50 33273A 61 34126 62 650760 63 28545 63 28545 64 650128 65 650128 65 650128 65 650128 67 34787 71 33388 72 27642 75 31950 76 28926 78 31845 78 30591 78 30580A 84 29193 86 650833 87 650832 89 560815 99 26 650815 99 35589 99 650815 99 365863 101 610118 Rod Assy., Connecting (Incl. 49) Ring Set ((010" OS) Ring Retaining			
42 34333 42 34334 43 Ring Set (.010" OS) 43 27888 Ring, Piston pin retaining 45 32591C Rod Assy., Connecting (Incl. 49) 47 650662C Bolt, Connecting rod (2 pieces) 48 44034 Lifter, Valve Dipper, Oil 50 34786 Camshaft (MCR) (Extended) 60 33273A Extension, Blower housing 61 34126 Bracket, Grommet mounting 62 650760 Screw, 8-32 x 3/8" 63 28545 Grommet, Plastic 65 650128 Screw, 10-24 x 1/2" 69 35262 70 34787 Cover, Cylinder (Incl. 71, 75 & 80) Bushing, Crankshaft 72 27642 Plug, Oil drain 76 28926 Seal, Oil 83 30591 Seal, Oil 83 30590A Washer, Flat Gear Assy., Governor (Incl. 81) 83 30588A Spool, Governor 84 29193 Ring, Retaining 86 650832 Screw, 11-24 x 1-11/16" Screw, 11-24 x 1-11/16" Screw, 11-24 x 1-11/16" Key, Flywheel Washer, Belleville			• ', ', ', ', ', ', ', ', ', ', ', ', ',
42 34334 43 27888 43 27888 45 32591C 46 650662C 47 650662C 48 34034 49 34242 49 34242 50 34786 60 33273A 61 34126 62 650760 63 28545 65 650128 63 28545 65 650128 67 33787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 69 35262 70 34787 60 33284 71 33368 72 27642 75 31950 76 28926 78 31845 79 31845 80 31845 81 30590A 82 30591 83 30588A 84 29193 86 650833 87 650832 87 650865 80 Ket (1020" OS) Ring Set (.020" OS) Ring, Piston pin retaining Ring, Cankshaft Plug, Oil drain Seal, Oil Road Server, 174-20 x 1-3/16" Spool, Governor (Incl. 81) Spool, Governor (Incl. 81) Spool, Governor (Retaining) Ring, Retaining Retaining Retaining Retaining Retaining Retaining Rety, Flywheel Washer, Flett Vasher, Belleville Nut, Hex (1/2-20) (Add-on alternator) Cover, Sylwheel Washer, Bleteville Washer, Belleville Washer, Belleville Washer, Belleville Nut, Hex (1/2-20) (Add-on alternator) Cover, Sylwheul (Use as required)			
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       34786       Camshaft (MCR) (Extended)         60       33273A       Extension, Blower housing         61       34126       Bracket, Grommet mounting         62       650760       Screw, 8-32 x 3/8"         63       28545       Grommet, Plastic         65       650128       Screw, 10-24 x 1/2"         69       35262       * Gasket, Cylinder cover         70       34787       Cover, Cylinder (Incl. 71, 75 & 80)         71       33368       Bushing, Crankshaft         72       27642       Plug, Oil drain         73       1950       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			· · · · · · · · · · · · · · · · · · ·
45 32591C 47 650662C 48 34034 49 34242 49 34242 50 jipper, Oil 50 34786 60 33273A 61 34126 62 650760 63 28545 63 28545 65 650128 69 35262 70 34787 71 33368 72 27642 75 31950 76 28926 80 31845 81 30590A 82 30591 83 30588A 84 29193 86 650833 87 650832 89 45			· · · · · · · · · · · · · · · · · · ·
47 650662C 48 34034 49 34024 Dipper, Oil 50 34786 Camshaft (MCR) (Extended) 60 33273A Extension, Blower housing 61 34126 Screw, 8-32 x 3/8" 63 28545 Grommet, Plastic 65 650128 Screw, 10-24 x 1/2" 69 35262 70 34787 Cover, Cylinder (rote, 71, 75 & 80) 71 33368 R2 27642 Plug, Oil drain 75 31950 Seal, Oil 76 28926 S0 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" Screw, 1/4-20 x 1-11/16" Key, Flywheel 92 650815 Washer, Belleville Washer, Belleville Washer, Spalle ville (Incl. 71) Washer, Belleville Washer, Spalle ville (Incl. 71) Washer, Spalle ville (Incl. 71) Washer, Flat 87 650832 Screw, 1/4-20 x 1-3/16" Screw, 1/4-20 x 1-11/16" Key, Flywheel Washer, Spalle ville (Use as required)			Ring, Piston pin retaining
48 34034 49 34242 Dipper, Oil 50 34786 Camshaft (MCR) (Extended) Extension, Blower housing Extension, Blower housing Bracket, Grommet mounting 62 650760 Screw, 8-32 x 3/8" 63 28545 Grommet, Plastic 65 650128 Screw, 10-24 x 1/2" 69 35262 * Gasket, Cylinder cover 70 34787 Cover, Cylinder (Incl. 71, 75 & 80) 80 31368 81 Bushing, Crankshaft 81 27 27642 Plug, Oil drain 82 30591 80 31845 Shaft, Mechanical governor 81 30590A Washer, Flat 82 30591 Gear Assy., Governor (Incl. 81) 83 30588A Spool, Governor 84 29193 86 650833 Screw, 1/4-20 x 1-3/16" 87 650832 Screw, 1/4-20 x 1-11/16" 89 32589 Key, Flywheel 99 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)			Rod Assy., Connecting (Incl. 49)
49       34242       Dipper, Oil         50       34786       Carnshaft (MCR) (Extended)         60       33273A       Extension, Blower housing         61       34126       Bracket, Grommet mounting         62       650760       Screw, 8-32 x 3/8"         63       28545       Grommet, Plastic         65       650128       Screw, 10-24 x 1/2"         69       35262       * Gasket, Cylinder cover         70       34787       Cover, Cylinder (Incl. 71, 75 & 80)         71       33368       Bushing, Crankshaft         72       27642       Plug, Oil drain         75       31950       Seal, Oil         76       28926       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       650832       Screw, 1/4-20 x 1-3/16"         87       650832       Screw, 1/4-20 x 1-11/16"         89       32589       Key, Flywheel         92       650815       Wash	47	650662C	Bolt, Connecting rod (2 pieces)
50 34786 Camshaft (MCR) (Extended) 60 33273A Extension, Blower housing 61 34126 Bracket, Grommet mounting 62 650760 Screw, 8-32 x 3/8" 63 28545 Grommet, Plastic 65 650128 Screw, 10-24 x 1/2" 69 35262 * Gasket, Cylinder cover 70 34787 Cover, Cylinder (Incl. 71, 75 & 80) 81 33368 Bushing, Crankshaft 72 27642 Plug, Oil drain 75 31950 Seal, Oil 76 28926 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 650832 Screw, 1/4-20 x 1-11/16" 89 32589 Key, Flywheel 92 650815 Washer, Belleville 93 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)	48	34034	Lifter, Valve
60 33273A Extension, Blower housing 61 34126 Bracket, Grommet mounting 62 650760 Screw, 8-32 x 3/8" 63 28545 Grommet, Plastic 65 650128 Screw, 10-24 x 1/2" 69 35262 * Gasket, Cylinder cover 70 34787 Cover, Cylinder (Incl. 71, 75 & 80) 71 33368 Bushing, Crankshaft 72 27642 Plug, Oil drain 75 31950 Seal, Oil 76 28926 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 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)	49	34242	Dipper, Oil
61 34126 Bracket, Grommet mounting 62 650760 Screw, 8-32 x 3/8" 63 28545 Grommet, Plastic 65 650128 Screw, 10-24 x 1/2" 69 35262 *Gasket, Cylinder cover 70 34787 Cover, Cylinder (Incl. 71, 75 & 80) 71 33368 Bushing, Crankshaft 72 27642 Plug, Oil drain 75 31950 Seal, Oil 76 28926 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 650832 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 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)	50	34786	Camshaft (MCR) (Extended)
62 650760	60	33273A	Extension, Blower housing
63 28545 Grommet, Plastic 65 650128 Screw, 10-24 x 1/2" 69 35262 * Gasket, Cylinder cover 70 34787 Cover, Cylinder (Incl. 71, 75 & 80) 71 33368 Bushing, Crankshaft 72 27642 Plug, Oil drain 75 31950 Seal, Oil 76 28926 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 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)	61	34126	Bracket, Grommet mounting
65       650128       Screw, 10-24 x 1/2"         69       35262       * Gasket, Cylinder cover         70       34787       Cover, Cylinder (Incl. 71, 75 & 80)         71       33368       Bushing, Crankshaft         72       27642       Plug, Oil drain         75       31950       Seal, Oil         76       28926       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       650832       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       650863       Nut, Hex (1/2-20) (Add-on alternator)         101       610118       Cover, Spark plug (Use as required)	62	650760	Screw, 8-32 x 3/8"
69       35262       * Gasket, Cylinder cover         70       34787       Cover, Cylinder (Incl. 71, 75 & 80)         71       33368       Bushing, Crankshaft         72       27642       Plug, Oil drain         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       650863       Nut, Hex (1/2-20) (Add-on alternator)         101       610118       Cover, Spark plug (Use as required)	63	28545	Grommet, Plastic
69       35262       * Gasket, Cylinder cover         70       34787       Cover, Cylinder (Incl. 71, 75 & 80)         71       33368       Bushing, Crankshaft         72       27642       Plug, Oil drain         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       650863       Nut, Hex (1/2-20) (Add-on alternator)         101       610118       Cover, Spark plug (Use as required)	65	650128	
70 34787 Cover, Cylinder (Incl. 71, 75 & 80) 71 33368 Bushing, Crankshaft 72 27642 Plug, Oil drain 75 31950 Seal, Oil 76 28926 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 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)	69	35262	
71 33368			·
72       27642       Plug, Oil drain         75       31950       Seal, Oil         76       28926       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       650863       Nut, Hex (1/2-20) (Add-on alternator)         101       610118       Cover, Spark plug (Use as required)	71	33368	
75       31950       Seal, Oil         76       28926       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       650863       Nut, Hex (1/2-20) (Add-on alternator)         101       610118       Cover, Spark plug (Use as required)			
76       28926       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       650863       Nut, Hex (1/2-20) (Add-on alternator)         101       610118       Cover, Spark plug (Use as required)	75	31950	——————————————————————————————————————
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       650863       Nut, Hex (1/2-20) (Add-on alternator)         101       610118       Cover, Spark plug (Use as required)			•
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 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)			•
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       650863       Nut, Hex (1/2-20) (Add-on alternator)         101       610118       Cover, Spark plug (Use as required)			
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 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)			
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 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)			· · · · · · · · · · · · · · · · · · ·
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 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)			•
87 650832 Screw, 1/4-20 x 1-11/16" 89 32589 Key, Flywheel 92 650815 Washer, Belleville 93 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)			
89       32589       Key, Flywheel         92       650815       Washer, Belleville         93       650863       Nut, Hex (1/2-20) (Add-on alternator)         101       610118       Cover, Spark plug (Use as required)			
92 650815 Washer, Belleville 93 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)			·
93 650863 Nut, Hex (1/2-20) (Add-on alternator) 101 610118 Cover, Spark plug (Use as required)			
101 610118 Cover, Spark plug (Use as required)			
103 000409 SCIEW, 1/4-20 X 3/6			
	103	UJUHU3	JUIGW, 1/4-2U X J/O

Def # Deat N	Lada	December
Ref # Part N	•	Description  Discount what the second
108 29783		Pin, Crankshaft gear
109 33245		Gear, Crankshaft
110 34240		Ground Wire
119 34041		* Gasket, Head
120 34030		Head, Cylinder
125 27878	3A	Exhaust Valve (Std.) (Incl. 151)
125 27880	)A	Exhaust Valve (1/32" OS) (Incl. 151)
126 34035		Intake Valve (Std.) (Incl. 151)
126 34036		Intake Valve (1/32" OS) (Incl. 151)
127A 26073		Washer, Flat (Use as required)
127A 65057		Washer, Flat (Use as required)
127 65069		Washer (Use as req., but not w/6021A screw)
128 65069		Washer, Belleville
129 65072		Screw, 5/16-18 x 1-3/4" (Use as required)
130A 6021A		·
130A 6021A		Screw, 5/16-18 x 1-1/2" (Use as required, but do notuse with
		650691 washer)
130 65069	94A	Screw, 5/16-18 x 2" (Use as required)
131A 65071		Screw, 5/16-18 x 5/8" (Use as require d)
131A 79202		Screw, 5/16-18 x 7/8" (Use as require d)
131 65080		Screw, 1/4-20 x 5/8" (Use as required )
131 65073		Screw, 1/4-20 x 1/2" (Use as required )
131 65073		Screw, 1/4-20 x 5/8" (Use as required )
135 33636		Resistor Spark Plug (RJ17LM)
139 33369		Bracket, Governor gear
140 65083		Screw, 10-24 x 1/2"
149 27882		Cap, Upper valve spring
149A 35862		Seal Assy., Intake valve
150 27881		Spring, Valve
151 32581		Cap, Lower valve spring
169 27896	SA .	* Gasket, Breather cover
170 28423	3	Body, Breather
171 28424	<b>.</b>	Element, Breather
172 28425		Cover, Valve spring
173 35350		Tube, Breather
174 65012		Screw, 10-24 x 1/2"
174 65059		Screw, 10-24 x 5/8"
178 29752		Nut & Lockwasher, 1/4-28
179B 30593		Clip, Primer line (Use as required)
		Screw, 1/4-28 x 1"
182 30088		•
184 33263		* Gasket, Carburetor
185 33877		Pipe, Intake
203 31342		Spring, Compression
204 65054		Screw, 5-40 x 7/16"
206 61097		Terminal Assy. (Use as required)
210 27793		Clip, Conduit
211 28942		Screw, 10-32 x 3/8"
223 65037	78	Screw, Torx T-30, 5/16-18 x 1-1/8 "
224 27915	5A	* Gasket, Intake pipe
260 35447		Blower Housing (For electric starter)
261 65078		Screw, 5/16-18 x 3/4" (Use as require d)
262 29747		Screw, 5/16-24 x 21/32"
265 33272		Cover, Cylinder head
205 35272 275 35056		Muffler
275 35050 275C 35824		
		Muffler (Optional quiet muffler)
276 31588		Plate, Muffler locking
277 65100		Screw, 5/16-18 x 4-3/16"
277A 65069	Ю	Screw, 5/16-18x2-3/4" (Used with 276A)

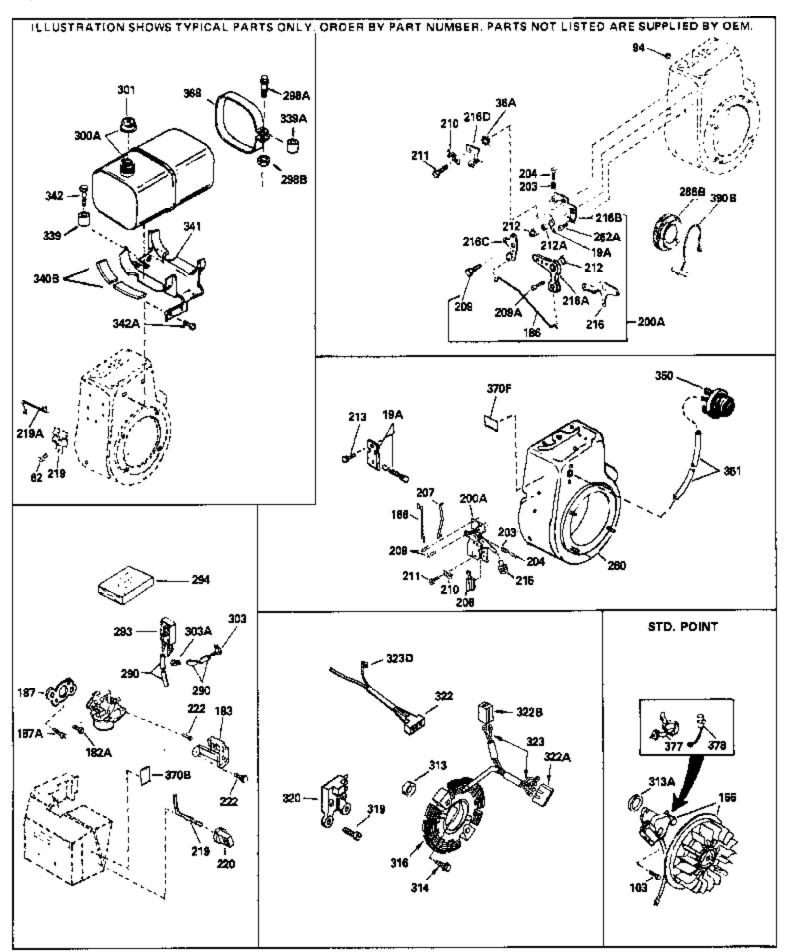
Ref #	Part Number	Qtv	Description
281 282 286B 287 290 290 290 292	33013 650760 33662 29752 29774 30705 30962 26460		Cover, Starter bubble Screw, 8-32 x 3/8" Hub & Screen Assy., Starter Nut & Lockwasher, 1/4-28 Fuel Line (Braided 8-1/4")(21 cm)(As req.) Fuel Line (Braided 16")(41 cm)(Use as req.) Fuel Line (Braided 32")(81 cm)(Use as req.) Clamp, Fuel line (Use as required)
	650665 34156A		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)
305 306 310 325 325 328 329 330 336 337 338 340 341 342 359 360 364 365 370J 370D 370C 370 379	35355 33893A 33590 34011A 29443 34246 35593 610973 35305 650765 35057A 28942 34154 34155 650561 34141 32576 33377 650767 34870 35080 34414 34417 34416 631021 632334A		Fuel Cap (Red plastic) (1-1/2" I.D.) Tube, Oil fill "O" Ring Dipstick (Incl. 306) Clip, Fuel line (Use as required) Clip, Ground wire (Use as required) Ignition Key Terminal Assy. Wire, Ground Screw, 10-32 x 1/2" Cover, Carburetor Screw, 10-32 x 3/8" Plate, Fuel tank mounting Bracket, Fuel tank mounting Bracket, Fuel tank mounting Screw, 1/4-20 x 5/8" Guard, Starter Seal, Snow guard Bracket, Carburetor cover mounting Screw, 8-32 x 27/64" Decal, Instruction Can be used on HM80 with diecast starter. Decal, Instruction Decal, Varning Decal, Primer Decal, Instruction Inlet Needle, Seat & Clip Assy. Carburetor (Incl. 184) (Refer to Division 5, Section A, page 188 for breakdown or Fiche18A-1, Grid F-5)
390	590593		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)

		Description
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).
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 0	Oty Description
	650760	Screw, 8-32 x 3/8"
	28545	Grommet, Plastic
	31855	Retainer, Bearing
97		Lockwasher, Heavy split, #10 (Buy loc ally)
131	650802	Screw, 1/4-20 x 5/8" (Use as required )
131	650737	Screw, 1/4-20 x 1/2" (Use as required )
	650738	Screw, 1/4-20 x 5/8" (Use as required )
	650128	Screw, 10-24 x 1/2"
		·
	650597	Screw, 10-24 x 5/8"
221	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
221	750104	
		as required)
228A	650824	Stud, 1/4-20 x 7.33 (Use as required)
	650851	Stud, 1/4-20 x 8.1 (Use as required) (Used with drilled thru
220/1	000001	elbow)
		GIDOW)
245A	34700	Element, Air cleaner
	35865	Gasket, Exhaust (Use as required)
	391026	Muffler (Incl. 284, 284A & 416A) (This spark arresting muffler
2138	331020	can be used on any model.)
		can be used on any model.)
275C	35824	Muffler (Optional quiet muffler)
277	651002	Screw, 5/16-18 x 4-3/16"
	650696	Screw, 5/16-18x2-3/4" (Used with 276A)
	26460	Clamp, Fuel line (Use as required)
	650665	
		Screw, 1/4-15 x 7/8"
	35305	Wire, Ground
	35857	Valve, Fuel shut-off
370B	34387	Decal, Instruction Can be used on HM80 with stamped steel
		recoil starter.
270	24970	Done I locate ration Combo wood on LIMOO with discontrators
	34870	Decal, Instruction Can be used on HM80 with diecast 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)
400	35569	Spacer (Can be used an HM90 with stamped steel receil
409	33309	Spacer (Can be used on HM80 with stamped steel recoil
		starter)
410	730573	Debris Screen Kit (Incl. 360, 370B, 387, 411 &413) (Can be
110	700070	used on HM80 with stamped steel recoil starter)
		used of Friviou with starriped 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)
445	700400	•
	730130	Exh.Adapter Kit (Incl.274,277)(Use as req.)
425	730572	Starter Muff Kit (Incl. 370J, 426 & 427) (Can be used on
		HM80 with die cast starter)
400	650868	Scrow 9.18 v 1.1/9" /2 Dogwirod / Llos os roquirod / Defer to
429	00000	Screw, 8-18 x 1-1/8" (3 Required) (Use as required) (Refer to
		Mechanics Handbook for installation instructions).

Ref #	Part Number	Qty	Description
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
62 103 156	650760 650489 610848		Screw, 8-32 x 3/8" 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
186 200A 203 204 206 207 209 210 211 219 220 222 260 275C 277A 286B 290 290 290	34587 34667 34664 31342 650549 610973 33878 650821 27793 28942 34586 35438 28820 35447A 35824 650696 33662 29774 30705 30962 410144B 33032		Bracket, Choke Link, Governor Control Bracket (Incl.19,203,204,206, 209) Spring, Compression Screw, 5-40 x 7/16" Terminal Assy. (Use as required) Link, Governor-to-throttle Screw, 10-32 x 1/2" Clip, Conduit Screw, 10-32 x 3/8" Rod, Choke Knob, Control Screw, 10-32 x 1/2" Blower Housing (For electric starter) 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 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 339 341 342 350 351	35355 33876 35038 34155 650561 570682 32180C 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" Primer Assy. Primer Line 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)

Ref #	Part Number	Qty	Description
	650907	<b>y</b>	Screw, 5/16-18 x 1-5/8" (Can be used on HM80 with stamped steel recoil starter)
425	730572		Starter Muff Kit (Incl. 370J, 426 & 427) (Can be used on HM80 with die cast starter)
429	650868		Screw, 8-18 x 1-1/8" (3 Required) (Use as required) (Refer to Mechanics Handbook for installation instructions).
430	611077		Alternator, Add on (Use as required) (Refer to Mechanics Handbook for installation instructions).
431	590609		Centering tube (Use with engines equipped with die cast aluminum starter)(Use as required) (Refer to Mechanics Handbook for installation instructions)
431	590610		Centering tube (Use as required) (Refer to Mechanics Handbook for installation instructions).
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).