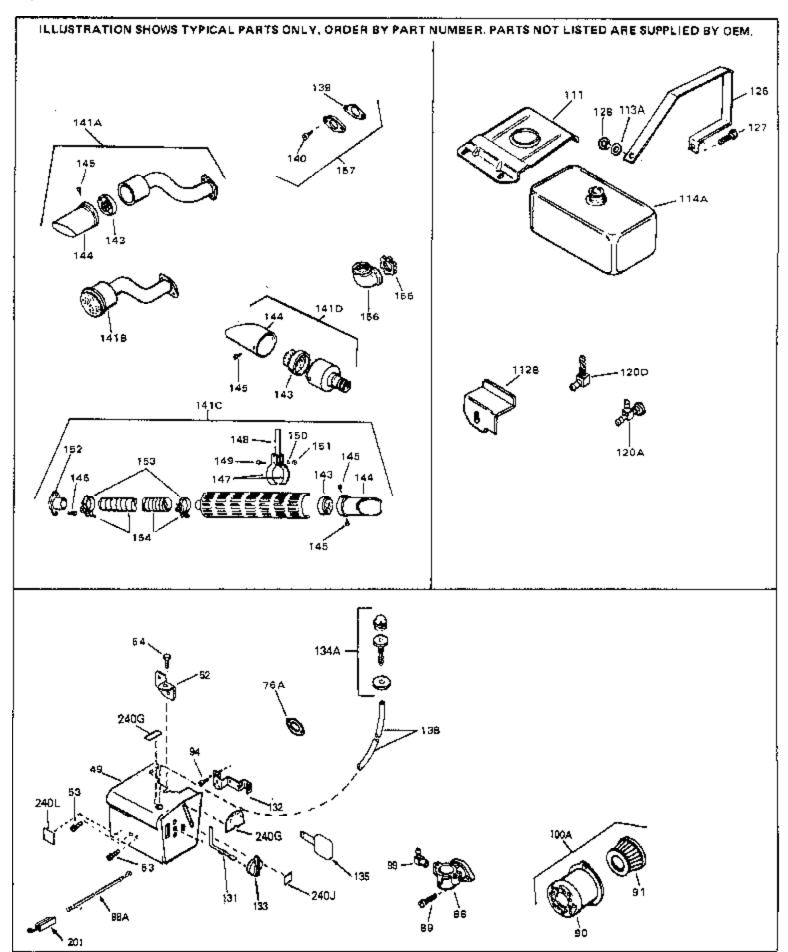


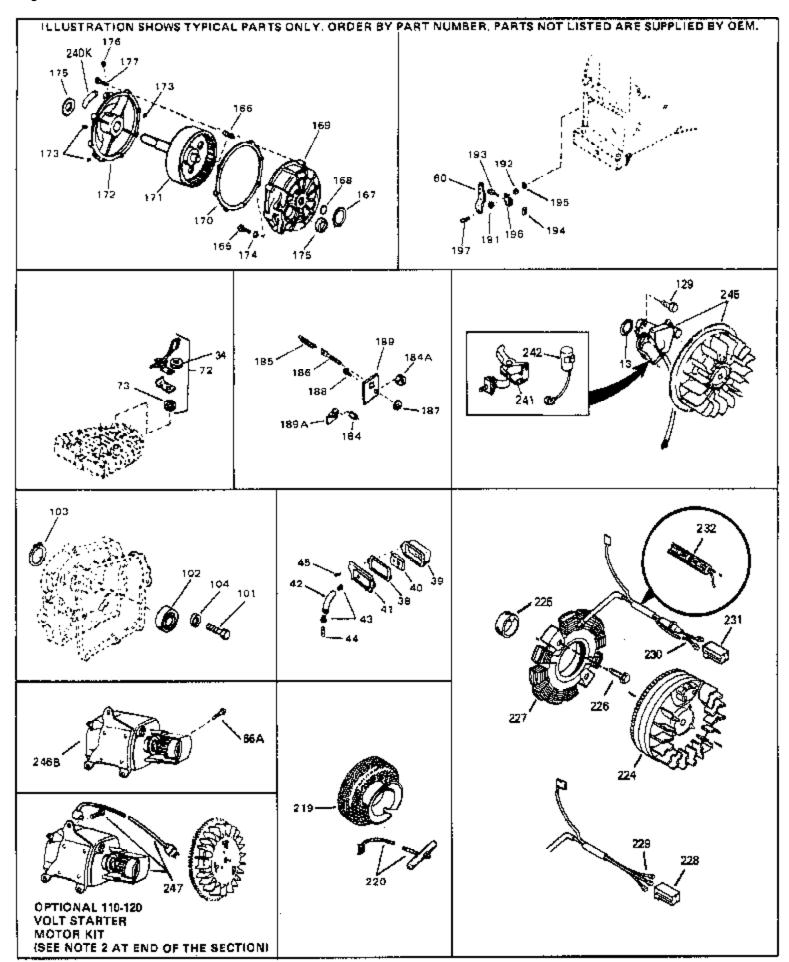
Ref # Part Number				
2 267277 3 27642 4 22600 5 26142 4 22600 5 26144A 5 262645A 5 26344A 5 26345A 6 23313C 6 23313C 6 23315C 6 23315C 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			Qty	
3 27642 4 32600 5 32644A 1 32600 5 32645A 1 Intake Valve (Std.) (Ind. 9) 1 1748e (1/32° OS) (Ind. 9) 6 23315C 6 23315C Exhaust Valve (Std.) (Ind. 9) 8 31673 Cap. Lover valve spring 10 610951 Key, Flywheel 11 33676 Cap. Lover valve spring 13 33876 Cap. Lover valve spring 14 33663B Piston & Pin Assy, (102° OS) (Ind. 16)(2- 13/16°) 14 34536 Piston & Pin Assy, (102° OS) (Ind. 16) 14 34536 Piston & Pin Assy, (102° OS) (Ind. 16) 14 34536 Piston & Pin Assy, (102° OS) (Ind. 16) 14 34536 Piston & Pin Assy, (101° OS) (Ind. 16) 15 33967 Piston & Pin Assy, (101° OS) 16 33968 Piston & Pin Assy, (101° OS) 17 32875 Piston & Pin Assy, (101° OS) 18 32567 Piston & Pin Assy, (101° OS) 18 32569 Piston Pin & Ring Set (101° OS) 19 32569 Piston Pin & Ring Set (101° OS) Piston Pin & Ring Pin Assy, (101° OS) Piston Pin & Ring Pin Assy, (101° OS) Piston Pin & Ring Pin Assy, (1	33674B		Cylinder (Incl. 2, 3 & 4) (2-13/16" B ore)
4 32600 Seal, Oil 5 32644A Intake Valve (Std.) (Inct. 9) 6 23313C Exhaust Valve (Std.) (Inct. 9) 6 23313C Exhaust Valve (Std.) (Inct. 9) 7 29 31673 Cap. (Intake Valve (Std.) (Inct. 9) 8 31672 Spring, Valve 9 31673 Cap. (Inct. 9) 9 31674 Cap. (Inct. 9) 9 31675 Cap. (Inct. 9) 9 31674 Cap. (Inct. 9) 9 31675 Cap. (Inct. 9)	2	26727		Pin, Dowel
4 32600 Seal, Oil 5 32644A Intake Valve (Std.) (Inct. 9) 6 23313C Exhaust Valve (Std.) (Inct. 9) 6 23313C Exhaust Valve (Std.) (Inct. 9) 7 29 31673 Cap. (Intake Valve (Std.) (Inct. 9) 8 31672 Spring, Valve 9 31673 Cap. (Inct. 9) 9 31674 Cap. (Inct. 9) 9 31675 Cap. (Inct. 9) 9 31674 Cap. (Inct. 9) 9 31675 Cap. (Inct. 9)	3	27642		Oil Drain Plug
5 32644A	4	32600		<u> </u>
5 32645A				
6 29315C Exhaust Valve (732 CS) (Incl. 9) 6 39315C Exhaust Valve (732 CS) (Incl. 9) 8 31673 Spring, Valve 9 31673 Cap. Lower valve spring 10 610951 Key, Plywheel 11 33676 Crankshaft (Incl. 24) 33876 Casket, Stator 14A 33563B Piston & Pin Assy. (Std.) (Incl. 16) (2- 13/16") 14A 33563B Piston & Pin Assy. (1010" OS) (Incl. 16) 14A 33563B Piston & Pin Assy. (1010" OS) (Incl. 16) 14A 33564B Piston & Pin Assy. (1020" OS) (Incl. 16) 14A 34536 Piston, Pin & Ring Set (1010" OS) 14 34536 Piston, Pin & Ring Set (1010" OS) 15 33567 Ring Set (312) (2-13/16" Bore) 15 33568 Ring Set (1010" OS) 15 33568 Ring Set (1010" OS) 16 32369 Ring Set (1010" OS) 18 32610A Ring Set (1010" OS) 18 32610A Ring Set (1020" OS) 18 32610A Ring Set (1020" OS) 19 32654 Dipper, Oil 21 277241 Lifter, Valve 22 33158 Cannshaft Cannshaft 22 28540 Sept. (Incl. 24, 30, 31 & 1 06) 28 27677A Gasket, Cylinder cover 29 650451 Screw, 14-20 x 1" (Use as required) 29 27625 Plug, Oil fill plug 30 37625 Plug, Oil fill plug 31 33016A Head, Cylinder (Incl. 24, 30 as required) 32 33554A Gasket, Ojlin fill plug 33 33016A Head, Cylinder (Incl. 35) 34 650691 Washer (Not used on late production) 35 650694A Screw, 14-20 x 1-1/4" (Use as required) 36 6506964 Screw, 516-18 x 1-1/2" (Use as required) 37 33636 Resistor (Valve as required) 38 6606965 Screw, 516-18 x 2 (Use as required) 39 67634 Screw, 516-18 x 2 (Use as required) 30 6606965 Screw, 516-18 x 1-1/2" (Use as required) 30 67625 Resistor (Valve as required) 31 10 10 11 11 11 11 11 11 11 11 11 11 11				, , , ,
6 29315C 8 31672 9 31673 10 610951 11 33676 11 33676 11 33676 12 33876 13 33876 14 33662B 14 33662B 14 33663B 14 33663B 14 34636 14 34636 14 34636 15 14 34636 16 14 34636 17 338676 18 338676 19 15 10 16 10 10 10 10 10 10 10 10 10 10 10 10 10				
8 31672 Spring, Valve 9 31673 Cap. Lover valve spring 10 610951 Cap. Lover valve spring 11 33676 Piston, & Pin Assy, (0.02° OS) (Incl. 16) Piston, & Pin Assy, (0.02° OS) (Incl. 16) Piston, Pin & Ring Set (Std.) (2.13'16' Bore) Piston, Pin & Ring Set (Std.) (2.13'16' Bore) Piston, Pin & Ring Set (Std.) (2.13'16' Bore) Piston, Pin & Ring Set (1,020' OS) Pin Resident Pin & Ring Set (1,020' OS) Pin Resident Pin Resid				
9 31673 10 610951 11 33676 12 133876 13 33876 14 33562B 14 33562B 14 33563B 14 33563B 14 33563B 15 14 33563B 16 15 14 34536 17 14 34536 18 14 34536 19 15 10 14 34536 19 15 10 14 34536 19 15 10 14 34536 19 15 10 14 34536 19 15 10 14 34536 19 15 10 14 34536 19 15 10 14 34536 19 15 10 14 34536 19 15 10 14 34536 19 15 10 14 34536 19 15 10 14 34536 19 15 10 14 34537 19 15 10				, , , ,
10 610851 11 33676 12 338776 13 338776 14 336628 14 336628 14 3456318 14 336638 14 34535 14 34535 15 34568 16 34537 17 32877 18 3				
11 33676 13 33876 14A 33563B 14A 33563B 14A 33563B 14A 33564B 14A 33564B 14A 33564B 14B				
13 33876 14A 33562B Piston & Pin Assy, (Std.) (Incl. 16) (2- 13/16") 14A 33663B Piston & Pin Assy, (.000" OS) (Incl. 16) 14A 33664B Piston & Pin Assy, (.000" OS) (Incl. 16) 14A 33664B Piston & Pin Assy, (.000" OS) (Incl. 16) 14 34536 Piston, Pin & Ring Set (.010" OS) 14 34536 Piston, Pin & Ring Set (.010" OS) 15 33567 Piston, Pin & Ring Set (.010" OS) 15 33568 Piston, Pin & Ring Set (.020" OS) 16 20381 Ring Set (.020" OS) 17 32875 Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 32854 Lifter, Valve 22 33158 Carshaft 23 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 24 22540 Seal, Oil 28 27677A Gasket, Cylinder cover 29 650451 Screw, 1/4-20 x 1" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 Gasket, Cylinder (Incl. 31) 32 33554A Gasket, Cylinder (Incl. 31) 33 30106A Head, Cylinder (Incl. 31) 34 650691 Washer (Not used on late production) 35 650914 Screw, 5/16-18 x 1-1/2" (Use as required) 36 600914 Screw, 5/16-18 x 1-1/2" (Use as required) 37 30636 Resider (Architecture) 38 31619A Gasket, Franker (Incl. 32) 38 316374 Gasket, Franker (Incl. 32) 39 30734 Branker (Not used on late production) 39 31337A Branker (Not used as required) 30 2763 Screw, 5/16-18 x 1-1/2" (Use as required) 30 30666 Resider (Pincl. 35) 30 3073 Resider (Pincl. 35) 30 30666 Pincl. 360661 Screw, 14-20 x 1-1/2" 30 30666 Screw, 14-20 x 1-1/2" (Use as required) 30 30740 Screw, 5/16-18 x 1-1/2" (Use as required) 30 30750 Screw, 5/16-18 x 1-1/2" (Use as required) 30 30866 Resider (Pincl. 35) 30 30866 Resider (Pincl. 36) 30 31337A Branker (Rot used on late production) 46 30666 Pincl. 3342 Branker (Rot used on late production) 47 30666 Pincl. 3342 Branker (Rot used on late production) 48 30646 Screw, 14-20 x 1-36" 49 30646 Screw, 14-20 x 1-36" 40 31410 Element, Breather Sey, (Incl. 38 & 40) 49 Element, Breather Sey, (Incl. 38 & 40) 40 31410 Element, Breather (Incl. 24) 40 30666 Screw, 14-20 x 1-36" 41 30666 Screw, 14-20 x 1-36" 42 306752 Wut & Lockwasher Assy, (Incl.				
14A 33563B				· · · · · · · · · · · · · · · · · · ·
14A 33663B Piston & Pin Assy. (.000" OS) (Incl. 16) 14 34535 Piston & Pin Assy. (.000" OS) (Incl. 16) 14 34535 Piston, Pin & Ring Set (.010" OS) 14 34536 Piston, Pin & Ring Set (.010" OS) 15 33567 Ring Set (.010" OS) 15 33568 Ring Set (.000" OS) 15 33568 Ring Set (.000" OS) 16 20381 Ring Set (.000" OS) 17 32875 Rod Assy. Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 27241 Lifter, Valve 2 23158 Camshaft 2 23158 Camshaft 2 28540 Seal, Oil 2 285777A Gasket, Oylinder cover 2 29 650481 Screw, 14-20 x 1" (Use as required) 2 3 27625 Plug, Oil filler (Incl. 31) 3 29673 Gasket, Oylinder head 3 33016A Head, Oylinder head 3 33016A Head, Oylinder (Incl. 35) 3 4 26073 Washer (Not used on late production) 3 4 650691 Washer (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 6021A Screw, 516-18 x 1-12" (Use as required) 3 6 60256 Screw, 516-18 x 1-12" (Use as required) 3 6 60256 Screw, 516-18 x 1-12" (Use as required) 5 60256 Screw, 516-18 x				
14A 33564B Piston, & Pin A. Srý. (202° OS) (incl. 16) 14 34535 Piston, Pin & Ring Set (Std.) (2-13/1 6" Bore) 14 34536 Piston, Pin & Ring Set (Jol.) (2-13/1 6" Bore) 15 33567 Ring Set (M.) (2-13/1 6" Bore) 15 33568 Ring Set (M.) (2-13/1 6" Bore) 15 33569 Ring Set (M.) (2-13/1 6" Bore) 16 20381 Ring Set (M.) (2-13/1 6" Bore) 17 32875 Ring Set (M.) (2-13/1 6" Bore) 18 32610A Bott, Connecting Rod 20 32654 Dipper, Oil 21 27241 Liffer, Valve 22 33158 Camshaft 23 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 24 28540 Seal, Oil 28 27677A "Gasket, Cylinder cover 29 650458 Sorew, 14-20 x 1" (Use as required) 29 650458 Sorew, 14-20 x 1 " (Use as required) 29 650458 Sorew, 14-20 x 1 " (Use as required) 29 650459 Sorew, 14-20 x 1 " (Use as required) 29 650451 Sorew, 14-20 x 1 " (Use as required) 29 650451 Sorew, 14-20 x 1 " (Use as required) 29 650451 Sorew, 14-20 x 1 " (Use as required) 29 650451 Sorew, 14-20 x 1 " (Use as required) 29 650451 Sorew, 14-20 x 1 " (Use as required) 30 27625 Pilg, Oil filler (Incl. 31) 31 29673 Gasket, Oil fill plug 32 33554A Gasket, Cylinder head 33 33016A Head, Cylinder (Incl. 35) 34 26073 Washer (Not used on late production) 36 650691 Washer (Not used on late production) 37 366091 Washer (Not used on late production) 38 650818 Sorew, 51/6-18 x 2" (Use as required) 39 650865 Sorew, 51/6-18 x 1 " (Use as required) 30 30 31619A Sorew, 51/6-18 x 1 " (Use as required) 30 30 31619A Gasket, Direather 30 30 31510 Element, Breather 45 650128 Sorew, 51/6-18 x 1 " (Use as required) 30 31510 Lever, Governor (Incl. 67) 3134 Rod. Governor (Incl. 67) 3148 Lockwasher Assy., 1/4-28 (As required)	14A	33562B		Piston & Pin Ass'y.(Std.)(Incl.16)(2- 13/16")
14 34536	14A	33563B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
14 34536 Piston, Pin & Ring Set (Otd.) (2-13/1 6" Bore) 14 34536 Piston, Pin & Ring Set (10/10" OS) 14 34537 Piston, Pin & Ring Set (10/10" OS) 15 333667 Ring Set (10/10" OS) 16 33368 Ring Set (10/10" OS) 16 33368 Ring Set (10/10" OS) 17 32875 Rod Assy., Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 32654 Dipper, Oil 11 27241 Lifter, Valve 12 33158 Camshaft 12 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 18 32610A Set (20'10" OS) 19 50488 Set (20'10" OS) 19 650481 Screw, 14-20 x 1" (Use as required) 10 27625 Plug, Oil filler (Incl. 31) 11 29673 Gasket, Cylinder head 13 33156A Gasket, Cylinder head 13 33156A Gasket, Cylinder head 13 3016A Head, Cylinder (Incl. 35) 14 26073 Washer (Not used on late production) 15 650694A Screw, 51-61 8 x 2" (Use as required) 16 560694A Screw, 51-61 8 x 2" (Use as required) 17 33636 Resiston Spark Plug (RJ-8C) 18 36194A Screw, 51-61 8 x 1-1/2" (Use as required) 18 5650865 Screw, 51-61 8 x 1-1/2" (Use as required) 19 6214 Screw, 51-61 8 x 1-1/2" (Use as required) 19 6214 Screw, 51-61 8 x 1-1/2" (Use as required) 19 6214 Screw, 51-61 8 x 1-1/2" (Use as required) 19 6215 Screw, 51-61 8 x 1-1/2" (Use as required) 20 6216 Screw, 51-61 8 x 1-1/2" (Use as required) 21 650866 Screw, 51-61 8 x 1-1/2" (As required) 22 650866 Screw, 51-61 8 x 1-1/2" (As required) 23 65086 Screw, 51-61 8 x 1-1/2" (As required) 24 650866 Screw, 51-61 8 x 1-1/2" (As required) 25 650866 Screw, 51-61 8 x 1-1/2" (As required) 26 650861 Screw, 51-61 8 x 1-1/2" (As required) 27 625 Screw, 51-61 8 x 1-1/2" (As required) 28 650861 Screw, 51-61 8 x 1-1/2" (As required) 29 650861 Screw, 51-61 8 x 1-1/2" (As required) 20 650861 Screw, 51-61 8 x 1-1/2" (As required) 25 65061 Screw, 51-61 8 x 1-1/2" (As required) 26 650661 Screw, 51-61 8 x 1-1/2" (As required) 27 625 Screw, 51-61 8 x 1-1/2" (As required) 28 650661 Screw, 51-61 8 x 1-1/2" (As required)	14A	33564B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
14 34536 Piston, Pin & Ring Set (J010" OS) 14 34537 Piston, Pin & Ring Set (J020" OS) 15 33567 Ring Set (Std.) (2-13/16" Bore) 15 33568 Ring Set (J02" OS) 16 20381 Ring Set (J02" OS) 16 20381 Ring, Piston pin retaining 17 32875 Rod Assy., Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 Joper, Oil 11 Lifter, Valve 12 33158 Camshaft 12 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 12 28 27677A "Gasket, Cylinder (Incl. 24, 30, 31 & 1 06) 12 28 27677A "Gasket, Cylinder (Incl. 24) 19 650451 Screw, 1/4-20 x 1" (Use as required) 10 27625 Pilug, Oil filler (Incl. 31) 11 29673 "Gasket, Oil fill plug 12 33554A Gasket, Cylinder head 13 33016A Head, Cylinder (Incl. 35) 14 26073 Washer (Not used on late production) 15 650694A Screw, 5/16-18 x 2" (Use as required) 16 650696 Screw, 5/16-18 x 2" (Use as required) 17 33636 Resistor Spark Plug (R.B.&C) 18 34 40 31410 Element, Breather 18 36 600218 Screw, 5/16-18 x 1-1/2" (As required) 18 36 600218 Screw, 5/16-18 x 1-1/2" (As required) 19 Gasket, Breather 19 36 31334 Rodon Resistor Spark Plug (R.B.&C) 20 36698 Screw, 5/16-18 x 1-1/2" (As required) 21 3666 Pipe, Intake 22 36598 Link, Governor to-throttle 23 40 3342 Baffle, Blower housing 24 50052 Nut & Lovernor to-throttle 25 20752 Nut & Lovernor (Ind. 67) 26 20752 Nut & Lovernor (Ind. 67) 27 26 20752 Nut & Lovernor (Ind. 67) 28 20752 Nut & Lovernor (Ind. 67)	14	34535		
14 34537 Piston, Pin & Ring Set (1020" OS) 15 33567 Ring Set (Std.) (2-13/16" Bore) 15 33568 Ring Set (010" OS) 16 20381 Ring Set (020" OS) 16 20381 Ring Set (020" OS) 18 32610A Ring, Piston pin retaining 17 32875 Rod Assy., Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 20 32664 Dipper, Oil 21 27241 Lifter, Valwe 22 33158 Camshaft 23 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 24 28540 Seal, Oil 28 27677A "Gasket, Cylinder cover 29 650451 Screw, 1/4-20 x 1" (Use as required) 29 650488 Screw, 1/4-20 x 1" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 "Gasket, Oil fill plug 33 33544 Gasket, Oil fill plug 33 335545 Gasket, Oil fill plug 34 560691 Washer (Use as required) 35 650691 Washer (Use as required) 36 650691 Screw, 5/16-18 x 2" (Use as required) 36 650691 Screw, 5/16-18 x 2" (Use as required) 37 33636 Resiston Spark Plug (R.) (Use as required) 38 650691 Screw, 5/16-18 x 2" (Use as required) 39 650816 Screw, 5/16-18 x 2" (Use as required) 39 650865 Screw, 5/16-18 x 2" (Use as required) 30 6366018 Screw, 5/16-18 x 2" (Use as required) 31337A Breather Assy, (Incl. 38 & 40) 31410 Element, Breather 39 3088 Link, Governor-to-throttle 45 650128 Screw, 5/16-18 x 1-1/2" (As requored) 46 33342 Baffle, Blower housing 46 20752 Nut & Lockwasher Assy., 1/4-28 (As re quired)				
15 33568 Ring Set (301) (2-13/16" Bore) 15 33568 Ring Set (0.20" OS) 16 20381 Ring, Piston pin retaining 17 32875 Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 20 32654 Dipper, Oil 21 277241 Lifter, Valve 22 33158 Camshaft 23 30756B Camshaft 24 28540 Seal, Oil 28 27677A "Gasket, Cylinder cover 29 650451 Screw, 1/4-20 x 1-1/4" (Use as required) 29 650488 Screw, 1/4-20 x 1-1/4" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 "Gasket, Oil fill plug 32 33554A Gasket, Oylinder Inead 43 33016A Head, Oylinder Inead 45 650891 Washer (Use as required) 35 650894A Screw, 5/16-18 x 2" (Use as required) 36 650818 Screw, 5/16-18 x 2" (Use as required) 37 3636 Resistor Spark Plug (RJ-8C) 38 31619A Screw, 5/16-18 x 1-1/2" (Use as required) 39 31337A Breather Assy, (Incl. 38 & 40) 47 33666 Pipe, Intake 48 33646 Screw, 1/4-20 x 1-1/2" 49 33698 Link, Governor-to-throttle 49 3342 Baffle, Blower housing 56 50752 Nut & Lovey x 5/8" 57 Link, Governor-to-throttle 57 Lever, 5/6-18 A 3334 58 Corew, 1/4-20 x 1-1/2" 58 Corew, 1/4-20 x 1-1/2" 59 32698 Link, Governor-to-throttle 59 2752 Nut & Lovey x 5/8" 50 2752 Nut & Lovey x 5/8"				
15 33568 15 33569 16 20381 17 32875 18 32610A 20 32654 21 27241 21 27241 22 33158 23 30756B 24 28540 25 27677A 29 650451 29 650481 30 27625 31 29673 31 29673 31 29673 31 29673 31 29673 31 29673 31 29673 31 29673 31 29673 31 29673 31 29673 31 29673 31 29673 31 29673 31 29673 31 29673 31 29673 32 30554A 33 33016A 34 26073 35686 35 264 27677 26 26 26 26 26 26 26 26 26 26 26 26 26				
15 33569				, , ,
16 20381 Ring, Piston pin retaining 17 32875 Rod Assy., Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 20 32654 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Camshaft 23 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 24 28540 Seal, Oil 28 27677A "Gasket, Cylinder cover 29 650481 Screw, 1/4-20 x 1" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 "Gasket, Cylinder (Incl. 31) 31 29673 "Gasket, Cylinder (Incl. 31) 31 29673 "Gasket, Cylinder (Incl. 35) 34 26073 Washer (Not used on late production) 34 26073 Washer (Use as required) 35 650691 Washer (Use as required) 36 560691 Screw, 5/16-18 x 2" (Use as required) 36 560965 Screw, 5/16-18 x 1-1/2" (Use as required) <td< td=""><td></td><td></td><td></td><td></td></td<>				
17 32875 18 32610A 20 32654 20 32654 21 27241 21 27241 22 33158 23 30756B 24 28540 28 27677A 29 650451 30 27625 29 650488 30 27625 29 650488 30 27625 29 650488 30 27625 29 650488 30 27625 29 650488 30 27625 30 3016A 30 3016A 30 3016A 30 3016A 31 3016A 31 3016A 31 3016A 32 33554A 33 3016A 33 3016A 34 650691 35 650818 36 650818 37 38366 38 311619A 39 31337A 39 31337A 39 31337A 39 31337A 39 3666 39 32698 30 3762 5 30 3762 5 30 3762 6 30 3763 6 30 3763 6 30 3763 6 30 3763 6 30 3766 6 30 373 6 30 3766 6 30 373 3666 30 31510 30 30666 30 31510 30 30666 30 31314 30 30666 30 31334 30 30666 30 31314 30 30666 30 30756				
18 32610A 20 32654 21 277241 21 277241 22 33158 23 30756B 24 28540 25 2677A 28 650451 29 650451 30 27625 31 29673 31 29673 32 33554A 33 33016A 34 26073 35 650694 36 6021A 36 6021A 37 33636 38 31619A 39 31337A 40 31410 40 450 450 450 450 450 450 450 450 450 450 450 450 450 450 450 450 450 450 450 46 33673 47 33666 48 30646 50 5069 50 50696 50 50696 50 50696 50 60691 50 60696 50 60696 50 60696 50 60696 50 60696 50 60697 50 6				·
20 32654 21 277241				
21 27241 22 33158				•
22 33158 23 30756B 24 28540 25 27677A 26 50451 27 650483 27 27 27 29 650451 28 27637A 29 650451 30 27625 30 27625 31 29673 32 33554A 33 33016A 33 33016A 34 26073 34 650691 35 650694A 36 650691 37 650865 38 650865 38 650865 38 650865 38 650865 38 650865 38 31619A 39 31337A 40 31410 40 31410 40 31410 41 518 518 41 518				• •
23 30756B 24 28540 28 27677A 29 650451 29 650451 30 27625 31 29673 31 29673 32 33554A 33 3016A 34 26073 34 650691 35 650818 36 650848 37 67694 38 650686 38 673A 39 66021A 39 650458 30 6021A 30 7638				·
24 28540 28 27677A 29 650451 29 650451 30 27625 31 29673 32 33554A 33 33016A 34 26073 35 650694A 36 650818 37 625865 38 6021A 38 31619A 39 31337A 40 31410 40 31410 41 650128 42 63 63686 43 30646 43 30646 43 30646 48 30646 48 30646 48 30646 48 30646 48 30646 48 30646 48 30646 48 30646 50 50752 50 Flug, Oil filler (not. 37) 50 Flug, Oil filler (not. 37) 650891 66 29752 Seal, Oil ** **Gasket, Oil fill plug Gasket, O				
## Gasket, Cylinder cover				Cover, Cylinder (Incl. 24, 30, 31 & 1 06)
29 650451 29 650488 30 27625 30 27625 41 Plug, Oil filler (Incl. 31) 31 29673 32 33554A 33 33016A 33 33016A 4 26073 34 650691 35 650694A 36 650818 37 650865 38 6021A 39 33636 39 33636 39 33636 39 3377A 39 3636 39 31337A 40 31410 40 31410 40 31410 40 31410 41 560128 42 63034 43 3666 43 3666 48 30673 48 30646 59 32698 59 50760 50 50760 50 50760 50 50760 60 31510 50 50760 50 50760 60 3376 60 50760 60 3376 60 31510 60 50760 60	24	28540		Seal, Oil
29 650488 30 27625 31 29673 31 29673 32 33554A 33 33016A 33 33016A 34 26073 35 650694A 36 650694 37 36 650865 38 31619A 39 31337A 39 31337A 39 31410 39 31410 39 31673 39 31673 39 31673 39 31673 39 3666 39 32698 31619A 317 33666 317 34 33666 317 34 34 34 36 36 36 36 36 36 36 36 36 36 36 36 36	28	27677A		* Gasket, Cylinder cover
30 27625	29	650451		Screw, 1/4-20 x 1" (Use as required)
30 27625	29	650488		Screw, 1/4-20 x 1-1/4" (Use as requir ed)
31 29673 32 33554A 33 33016A 33 33016A 4 26073 4 26073 4 650691 5 650694A 5 650694A 5 650818 6 650865 6 6021A 6 6021A 6 6021A 6 7 33636 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	30	27625		
32 33554A 33 33016A 4 26073 4 26073 Washer (Not used on late production) Washer (Use as required) 35 650691 Washer (Use as required) 35 650818 Screw, 5/16-18 x 1-1/2" (Use as required) 36 650865 Screw, 5/16-18 x 2" (Use as required) 37 33636 Resistor Spark Plug (RJ-8C) 38 31619A Srewther (Assay) (Incl. 38 & 40) Breather Assy. (Incl. 48 B				•
33 33016A 4 26073 4 26073 Washer (Not used on late production) 34 650691 Washer (Use as required) 35 650694A Screw, 5/16-18 x 2" (Use as required) 36 650818 Screw, 5/16-18 x 2" (Use as required) 36 6021A Screw, 5/16-18 x 1-1/2" (As req;not w /650691) 37 33636 Resistor Spark Plug (RJ-8C) 38 31619A Resistor Spark Plug (RJ-8C) 39A 31337A Breather Assy. (Incl. 38 & 40) 40 31410 Element, Breather 45 650128 Screw, 10-24 x 1/2" 46 33673A * Gasket, Intake (1/32" thick) 47 33666 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" Nut & Lockwasher Assy., 1/4-28 (As re quired)				
34 26073 Washer (Not used on late production) 34 650691 Washer (Use as required) 35 650694A Screw, 5/16-18 x 2" (Use as required) 35 650818 Screw, 5/16-18 x 2" (Use as required) 36 650865 Screw, 5/16-18 x 1-1/2" (Use as required) 36 6021A Screw, 5/16-18 x 1-1/2" (As req;not w /650691) 37 33636 Resistor Spark Plug (RJ-8C) 38 31619A *Gasket, Breather 39A 31337A Breather Ass'y. (Incl. 38 & 40) 40 31410 Element, Breather 45 650128 Screw, 10-24 x 1/2" 46 33673A *Gasket, Intake (1/32" thick) 47 33666 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" Nut & Lockwasher Assy., 1/4-28 (As re quired)				
34 650691 35 650694A 36 650818 37 650865 38 6021A 39 83666 39 873A 39 83673A 33666 33673A 3366 33666 3				
35 650694A Screw, 5/16-18 x 2" (Use as required) 35 650818 Screw, 5/16-18 x 1-1/2" (Use as required) 36 650865 Screw, 5/16-18 x 2" (Use as required) 36 6021A Screw, 5/16-18 x 1-1/2" (As req;not w /650691) 37 33636 Resistor Spark Plug (RJ-8C) 38 31619A * Gasket, Breather 39A 31337A Breather Ass'y. (Incl. 38 & 40) 40 31410 Element, Breather 45 650128 Screw, 10-24 x 1/2" 46 33673A * Gasket, Intake (1/32" thick) 47 33666 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 50561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)				
35 650818				· ' '
35 650865 Screw, 5/16-18 x 2" (Use as required) 36 6021A Screw, 5/16-18 x 1-1/2" (As req;not w /650691) 37 33636 Resistor Spark Plug (RJ-8C) 38 31619A * Gasket, Breather 39A 31337A Breather Ass'y. (Incl. 38 & 40) 40 31410 Element, Breather 45 650128 Screw, 10-24 x 1/2" 46 33673A * Gasket, Intake (1/32" thick) 47 33666 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" Nut & Lockwasher Assy., 1/4-28 (As re quired)				
36 6021A Screw, 5/16-18 x 1-1/2" (As req;not w /650691) 37 33636 Resistor Spark Plug (RJ-8C) 38 31619A * Gasket, Breather 39A 31337A Breather Ass'y. (Incl. 38 & 40) 40 31410 Element, Breather 45 650128 Screw, 10-24 x 1/2" 46 33673A * Gasket, Intake (1/32" thick) 47 33666 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" Nut & Lockwasher Assy., 1/4-28 (As re quired)				• • • • • • • • • • • • • • • • • • • •
37 33636 Resistor Spark Plug (RJ-8C) 38 31619A * Gasket, Breather 39A 31337A Breather Ass'y. (Incl. 38 & 40) 40 31410 Element, Breather 45 650128 Screw, 10-24 x 1/2" 46 33673A * Gasket, Intake (1/32" thick) 47 33666 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)				• • • • • • • • • • • • • • • • • • • •
38 31619A * Gasket, Breather 39A 31337A Breather Ass'y. (Incl. 38 & 40) 40 31410 Element, Breather 45 650128 Screw, 10-24 x 1/2" 46 33673A * Gasket, Intake (1/32" thick) 47 33666 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)				· · · · · · · · · · · · · · · · · · ·
39A 31337A Breather Ass'y. (Incl. 38 & 40) 40 31410 Element, Breather 45 650128 Screw, 10-24 x 1/2" 46 33673A * Gasket, Intake (1/32" thick) 47 33666 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" Nut & Lockwasher Assy., 1/4-28 (As re quired)				. ,
40 31410 Element, Breather 45 650128 Screw, 10-24 x 1/2" 46 33673A * Gasket, Intake (1/32" thick) 47 33666 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)				
45 650128 Screw, 10-24 x 1/2" 46 33673A * Gasket, Intake (1/32" thick) 47 33666 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)				
46 33673A * Gasket, Intake (1/32" thick) 47 33666 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)				•
47 33666 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)				•
48 30646 Screw, 1/4-20 x 1-3/8" 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)	46	33673A		* Gasket, Intake (1/32" thick)
59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)	47	33666		Pipe, Intake
59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)	48	30646		Screw, 1/4-20 x 1-3/8"
60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)	59	32698		Link, Governor-to-throttle
63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing 65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)				
64 33342 Baffle, Blower housing Screw, 1/4-20 x 5/8" 65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)				
65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)				
66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)				
1 op Mivel (i uichase locally)(Ose as i equileu)		20102		• • • • • • • • • • • • • • • • • • • •
	00			1 op mivet (1 dioliase locally)(Ose as 1 equiled)

Dof #	Dort Number	Oh.	Description
	Part Number	Qty	Description Weeker Flat
	28277		Washer, Flat
	650168		Washer, Flat
	29212		Screw, 1/4-28 x 7/16"
70	33663C		Blower Housing (For electric starter) NOTE: In original
			production some starters are riveted to the blower housing.
			Replacement housing has threaded studs. Order four nuts
			(29752) for remounting of starter.
74A	30747		Clip, Spark plug shorting
	650890		Lockwasher
	27272A		* Gasket, Air cleaner
	34212		Bracket, Holddown
	30200		Screw, 10-24 x 9/16"
	29752		Nut & Lockwasher Assy., 1/4-28
	33341		Extension, Baffle
	650701		Screw, 8-18 x 7/16"
	6201		Screw, 1/4-28 x 7/8"
	650870		Screw, 1/4-28 x 1-11/16"
	26756		* Gasket, Carburetor
	31715		Body, Air cleaner
	650152		Screw, 8-32 x 3/8"
	31691		Bracket, Air cleaner
	28820		Screw, 10-32 x 1/2"
	35349		Ground Wire
	730127		
100	730127		Air Cleaner Ass'y. (Incl.76,76A,90A,91A,92,93,94, &
			221A)(Use as required)
102	28458		Bearing, Ball
105	30590A		Washer, Flat
106	30574		Shaft, Mechanical governor
107	30591		Gear Assy.,Governor (Incl. 105)
108	30588A		Spool Governor
	29193		Ring, Retaining
	34089		Fuel Tank Bracket
	34000		Fuel Tank Bracket
	650751		Screw, 1/4-20 x 7/16"
114	35584		Fuel Tank (Incl. 115 & 123)
	410144B		Fuel Cap (Std.)(Wh.Plastic)(1-1/2" I. D.)
115	33032		Fuel Cap (Red Plastic)(1-3/16" I.D.) (Spurt resistant, Low
			profile)
445	0.4040		
115	34210		Fuel Cap (Red Plastic)(1-3/16" I.D.) (Spurt resistant, High
			profile)
116	650665		Screw, 1/4-15 x 7/8"
	30962		Line, Fuel (Braided 32")
	29774		Line, Fuel (Braided 8.25")
	30795		Line, Fuel (Braided 16")
	28819		Spring, Fuel line (Use as required)
	29745		Extension, Blower housing
	650128		Screw, 10-24 x 1/2"
	26460		Clamp, Fuel line (Use as required)
	650489		Screw, 1/4-20 x 5/8"
	27276		Cover, Spark plug
	33670A		* Gasket, Muffler
	650628A		5/16-18 x 2-3/8"
	26073		Washer, flat
	650561		Screw, 1/4-20 x 5/8"
	30063		Screw, 1/4-20 x 1/2" (Use as required)
	29443		Clip, Fuel line
101			

Ref #	Part Number	Qty	Description
181	33356		Terminal, Ground
197	650548		Screw, 8-32 x 5/16"
201	610973		Terminal Assy. (Use as required)
202	33857		Spring Assy. (Used in late production)
202A	32923		Spring, Torsion (Used in early production)
	730136A		Control Brkt (Incl.202,202A,204,205,2 06,207)
204	650139		Screw, 8-32 x 1/2" (Use as required)
204	650152		Screw, 8-32 x 3/8" (Use as required)
	30200		Screw, 10-24 9/16" (Use as required)
205	30322		Nut & Lockwasher (Use as required)
206	650688		Screw, 10-32 x 1" (Used on early prod uction)
206	650549		Screw, 5-40 x 7/16" (Used on late pro duction)
	32924		Compression Spring (Used on early pro duction)
	31342		Compression Spring (Used on late prod uction)
209	28942		Screw, 10-32 x 3/8"
	27793		Clip, Conduit
	31426		Spring, Extension
213	650815		Washer, Belleville
	650607		Nut, Flywheel
	33668		Screen, Starter
	33667		Cup, Starter
	34080		Spacer, Flywheel key
	650872		Stud, Solid State Assy.
	34346		Decal. Instruction
	31752		Decal, Air cleaner
	550223		Decal, Name
243	631021		Inlet Needle, Seat & Clip Assy.
	631702		Carburetor (Incl. 87) (Refer to Division 5, Section A, page 114
			for breakdown)
245	610942A		Magneto NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component partsindividually, as shown in partslist. (Refer to Division 5, Section B, page 35 for breakdown)
246	590420A		Rewind Starter NOTE: In original production some starters are riveted to the blowerhousing. Replacement housing has threaded studs. Order four nuts (29752) for remounting of starter. (Refer to Division 5, Section C, page 25 for breakdown)
249	33683B		* Gasket Set (Incl. items marked *)



	D (N)	<u> </u>	
	Part Number	Qty	
	33876		Gasket, Stator
90	31715		Body, Air cleaner
91	30727		Element, Air cleaner
94	28820		Screw, 10-32 x 1/2"
100A	730164		Air Cleaner Ass'y. (Incl. 76, 90, 91, 92, 93, 94, & 221B) (Use as required)
111	34089		Fuel Tank Bracket
	33670A		* Gasket, Muffler
	650561		Screw, 1/4-20 x 5/8"
	30063		Screw, 1/4-20 x 1/2" (Use as required)
	391026		Muffler (Incl. 143, 144 & 145) (This spark arrester mufflercan
1115	001020		be used on any model.)
141A	33699		Muffler (Spark Arresting)(In.143,144, 145)
143	33323		Screen, Muffler
144	33700		Cover & Tube, Muffler
	650578		Screw, 8-18 x 3/8"
	730165		Muff.Adapter Kit (Incl.139,140)(As re quired)
	610973		Terminal Assy. (Use as required)
	610942A		Magneto NOTE: The complete magneto is not available as
0			an assembly. The magneto number is shown for reference purposes only. Order component partsindividually, as shown in partslist. (Refer to Division 5, Section B, page 35 for breakdown)



Ref #	Part Number	Qty	Description
13	33876		Gasket, Stator
34	26073		Washer (Not used on late production)
34	650691		Washer (Use as required)
38	31619A		* Gasket, Breather
40	31410		Element, Breather
45	650128		Screw, 10-24 x 1/2"
	30200		Screw, 10-24 x 9/16"
	28458		Bearing, Ball
103	28539		Ring, Retaining
104	28537		Washer, Flat
	29918		Washer, Lock, #8
	30322		Nut & Lockwasher, 8-32
	29826		Screw, 10-32 x 3/4"
	29216		Nut, Square, 10-32
	29642		Ring, Retaining
	29916		Clamp, Governor lever
	650548		Screw, 8-32 x 5/16"
	34788		Pulley, Starter rope
	35189		Spacer, Coil Assy.
	30547A		Contact Assy., Breaker
	30548B		Condenser
245	610942A		Magneto NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component partsindividually, as shown in partslist. (Refer to Division 5, Section B, page 35 for breakdown)
247	33290D		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