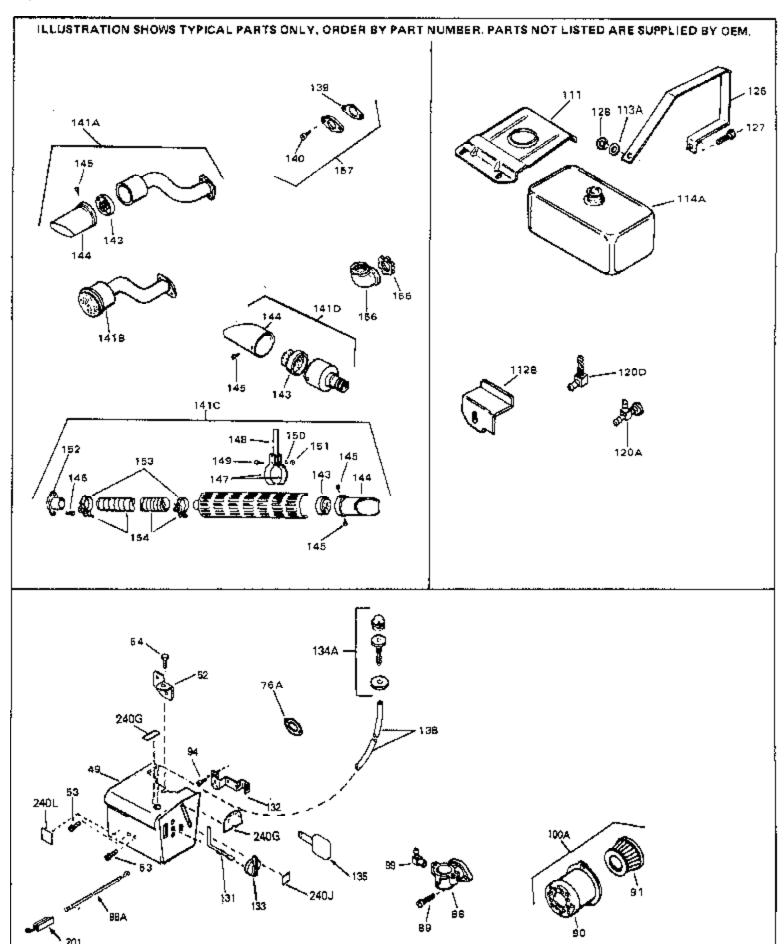


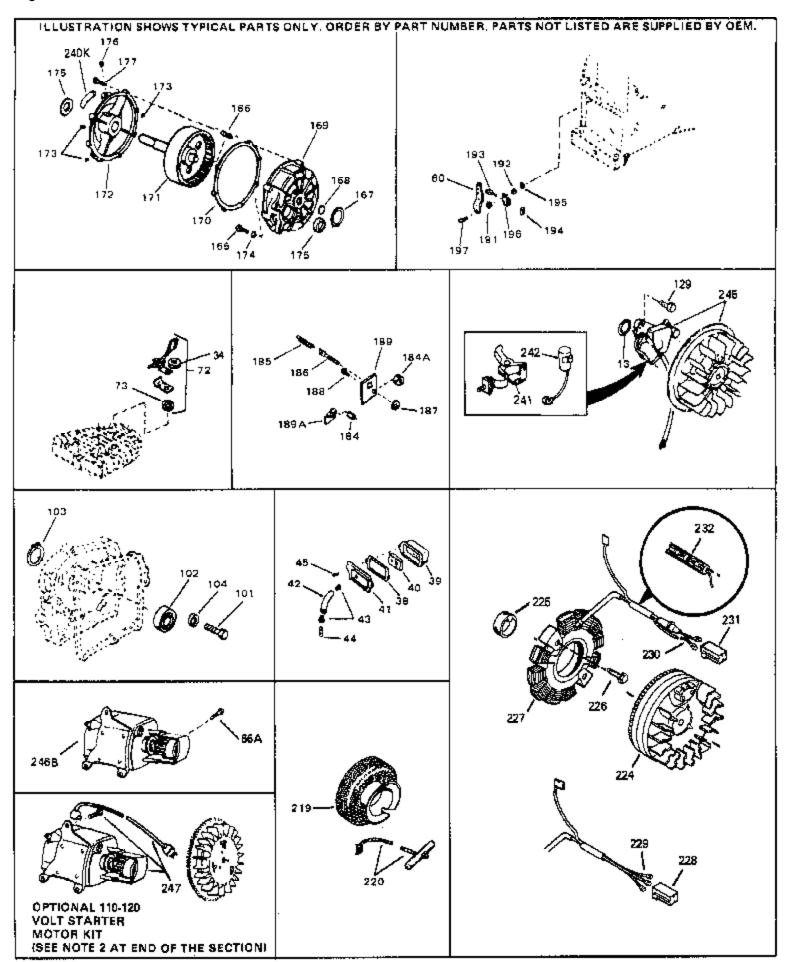
Rel # Part Number				
2 26727 3 27642 4 22600 5 26144 4 22600 5 26144 5 22645A 5 22645A 6 2313C 6 2313C 6 2313C 6 2315C 8 31672 9 31673 10 610961 11 34728 11 34728 12 Cap, Lower valve spring 14 33562B 14 33562B 14 33563B 14 33563B 14 34555 15 33668 16 2313C 16 33664B 17 34757 18 31673 19 51673 10 610961 11 34728 12 Crankshaft (Ind. 24) 14 33563B 14 34555 15 33668 16 Piston, Pin Assy, (1010* OS) (Ind. 16) 15 33667 16 33667 17 Spring, Valve 16 33668 16 Ring Set (2010* OS) 16 33668 17 Spring, Valve 18 32668B 18 Ring Set (2010* OS) 19 Spring, Valve 20 32664 19 Spring, Valve 20 32664 21 27241 22 33158 23 307568 23 307568 24 28540 28 27677A 29 660451 29 660461 20 27654 21 27677 29 660461 20 33016A 21 27677 22 660461 23 33016A 24 26573 25 Spring, Valve 26 26044 27 27677 28 660681 28 27677A 3 Gasket, Cylinder (Ind. 24, 30, 31 & 1 06) 38 33 3016A 38 3016A 39 3016A 40 3137A 40 31410 45 660681 50 Craw, 514-61 x 21* (Use as required) 50 Craw, 514-61 x 21* (Use as required) 50 Craw, 514-61 x 21* (Use as required) 50 Craw, 516-18 x 21* (Use as required) 50 Craw, 516			Qty	Description
3 27642 4 32600 5 32644A 1 32600 5 32645A 1 Intake Valve (IStd.) (Ind. 9) 1 Intake Valve (IStd.) (Ind. 9) 1 Intake Valve (IStd.) (Ind. 9) 6 23315C Exhaust Valve (IStd.) (Ind. 9) 8 3 1672 9 31673 Cap. Lover valve spring 10 6 10361 Key Flywheel 11 34728 124 134 33562B Piston & Pin Assy. (IStd.) (Ind. 16)(2- 13/16") 14A 33563B Piston & Pin Assy. (IStd.) (Ind. 16)(2- 13/16") 14A 33563B Piston & Pin Assy. (IStd.) (Ind. 16)(2- 13/16") 14A 33563B Piston & Pin Assy. (IStd.) (Ind. 16)(2- 13/16") 14A 33563B Piston & Pin Assy. (IStd.) (Ind. 16)(2- 13/16") 14 34535 Piston & Pin Assy. (IStd.) (Ind. 16)(2- 13/16") 15 33567 Piston Pin & Ring Set (IStd.) (2-13/16" Bore) 15 33568 Piston Pin & Ring Set (IStd.) (2-13/16" Bore) 16 33569 Piston Pin & Ring Set (IStd.) (2-13/16" Bore) 17 22875 Pin & Ring Set (IStd.) (2-13/16" Bore) 18 23510A Pin Set (IStd.) (2-13/16" Bore) Pin & Ring Se	1	33674B		Cylinder (Incl. 2, 3 & 4) (2-13/16" B ore)
4 32600 Seal, Oil 5 32644A Intake Valve (Std.) (Incl. 9) 6 23313C Exhaust Valve (Std.) (Incl. 9) 6 23315C Exhaust Valve (Std.) (Incl. 9) 8 31672 Spring, Valve 9 31673 Cap. Lower valve spring 10 610961 KyPyhotel 11 34728 Cap. Lower valve spring 14 34528B Fiston & Pin Assy. (Std.) (Incl. 16)(2-13/16*) 14A 33563B Fiston & Pin Assy. (Std.) (Incl. 16)(2-13/16*) 14A 33563B Fiston & Pin Assy. (100* OS) (Incl. 16) 14 34535 Piston & Pin Assy. (100* OS) (Incl. 16) 14 34535 Piston & Pin Assy. (100* OS) (Incl. 16) 14 34535 Piston & Pin Assy. (100* OS) (Incl. 16) 15 33667 Piston, Pin & Ring Set (1010* OS) 16 33667 Ring Set (Std.) (2-13/16* Bore) 17 32675 Ring Set (1010* OS) 18 32671 Ring Set (1010* OS) 18 32671 Ring Set (1010* OS) 19 32675 Ring Set (1010* OS) 10 32676 Ring Set (1020* OS) 11 32676 Ring Set (1020* OS) 12 327241 Lifety, Valve 12 33158 Cambridge 12 37756B Connecting Rod 12 37767A Seal, Oil 12 37677A Seal, Oil 12 37625 Pilon (Incl. 24, 30, 31 & 1 06) 12 32 56774 Seal, Oil 12 6048 Screw, 14-20 x 1" (Use as required) 13 29673 Seal, Oil 14 29 65048 Screw, 14-20 x 1" (Use as required) 15 60984 Screw, 14-20 x 1" (Use as required) 16 60981 Screw, 14-20 x 1" (Use as required) 17 32686 Screw, 15-16 & x 1-20* (Use as required) 18 5 60984 Screw, 15-16 & x 1-20* (Use as required) 19 60984 Screw, 15-16 & x 1-20* (Use as required) 19 60984 Screw, 15-16 & x 1-20* (Use as required) 19 60984 Screw, 15-16 & x 1-20* (Use as required) 20 60984 Screw, 15-16 & x 1-20* (Use as required) 21 60985 Screw, 15-16 & x 1-20* (Use as required) 22 60986 Screw, 15-16 & x 1-20* (Use as required) 23 60985 Screw, 15-16 & x 1-20* (Use as required) 24 60081 Screw, 15-16 & x 1-20* (Use as required) 25 60081 Screw, 15-16 & x 1-20* (Use as required) 26 60081 Screw, 15-16 & x 1-20* (Use as required) 27 6256 Pilon (Use as required) 28 60086 Screw, 15-16 & x 1-20* (Use as required) 29 60086 Screw, 15-16 & x 1-20* (Use as required) 20 60086 Screw, 15-16 & x 1-20* (Use as required) 20 60086 Screw, 15-16 & x 1-20* (Use as required) 21 600966 Screw, 15-16 &	2	26727		Pin, Dowel
4 32600 Seal, Oil 5 32644A Intake Valve (Std.) (Incl. 9) 6 23313C Exhaust Valve (Std.) (Incl. 9) 6 23315C Exhaust Valve (Std.) (Incl. 9) 8 31672 Spring, Valve 9 31673 Cap. Lower valve spring 10 610961 KyPyhotel 11 34728 Cap. Lower valve spring 14 34528B Fiston & Pin Assy. (Std.) (Incl. 16)(2-13/16*) 14A 33563B Fiston & Pin Assy. (Std.) (Incl. 16)(2-13/16*) 14A 33563B Fiston & Pin Assy. (100* OS) (Incl. 16) 14 34535 Piston & Pin Assy. (100* OS) (Incl. 16) 14 34535 Piston & Pin Assy. (100* OS) (Incl. 16) 14 34535 Piston & Pin Assy. (100* OS) (Incl. 16) 15 33667 Piston, Pin & Ring Set (1010* OS) 16 33667 Ring Set (Std.) (2-13/16* Bore) 17 32675 Ring Set (1010* OS) 18 32671 Ring Set (1010* OS) 18 32671 Ring Set (1010* OS) 19 32675 Ring Set (1010* OS) 10 32676 Ring Set (1020* OS) 11 32676 Ring Set (1020* OS) 12 327241 Lifety, Valve 12 33158 Cambridge 12 37756B Connecting Rod 12 37767A Seal, Oil 12 37677A Seal, Oil 12 37625 Pilon (Incl. 24, 30, 31 & 1 06) 12 32 56774 Seal, Oil 12 6048 Screw, 14-20 x 1" (Use as required) 13 29673 Seal, Oil 14 29 65048 Screw, 14-20 x 1" (Use as required) 15 60984 Screw, 14-20 x 1" (Use as required) 16 60981 Screw, 14-20 x 1" (Use as required) 17 32686 Screw, 15-16 & x 1-20* (Use as required) 18 5 60984 Screw, 15-16 & x 1-20* (Use as required) 19 60984 Screw, 15-16 & x 1-20* (Use as required) 19 60984 Screw, 15-16 & x 1-20* (Use as required) 19 60984 Screw, 15-16 & x 1-20* (Use as required) 20 60984 Screw, 15-16 & x 1-20* (Use as required) 21 60985 Screw, 15-16 & x 1-20* (Use as required) 22 60986 Screw, 15-16 & x 1-20* (Use as required) 23 60985 Screw, 15-16 & x 1-20* (Use as required) 24 60081 Screw, 15-16 & x 1-20* (Use as required) 25 60081 Screw, 15-16 & x 1-20* (Use as required) 26 60081 Screw, 15-16 & x 1-20* (Use as required) 27 6256 Pilon (Use as required) 28 60086 Screw, 15-16 & x 1-20* (Use as required) 29 60086 Screw, 15-16 & x 1-20* (Use as required) 20 60086 Screw, 15-16 & x 1-20* (Use as required) 20 60086 Screw, 15-16 & x 1-20* (Use as required) 21 600966 Screw, 15-16 &	3	27642		Oil Drain Plug
5 32644A Intake Valve (Std.) (Incl. 9) 5 32645A Intake Valve (Std.) (Incl. 9) 6 23315C Exhaust Valve (Std.) (Incl. 9) 8 31672 Spring. Valve (132" OS) (Incl. 9) 9 31673 Cap. Lower valve spring 10 610961 Key Flywheel 11 34728 Crankshaft (Incl. 24) 14A 3362B Piston & Fin Assy. (Std.) (Incl. 16) (2- 13/16") 14A 3363B Piston & Fin Assy. (Std.) (Incl. 16) (2- 13/16") 14A 3363B Piston & Fin Assy. (Std.) (Incl. 16) (2- 13/16") 14A 3363B Piston & Fin Assy. (Std.) (Incl. 16) (2- 13/16") 14A 3363B Piston & Fin Assy. (Std.) (Incl. 16) (2- 13/16") 14A 34536 Piston & Fin Assy. (Std.) (Incl. 16) (2- 13/16") 14 34536 Piston & Fin Assy. (Std.) (Incl. 16) (2- 13/16") 14 34537 Piston Piston, Pin & Ring Set (Std.) (2-13/16" Bore) 15 33667 Ring Set (Std.) (2-13/16" Bore) 15 33668 Ring Set (Std.) (2-13/16" Bore) 15 33669 Ring Set (O20" OS) 16 20381 Ring, Piston, Pin & Ring Set (Incl. 16" Bore) 16 20381 Ring, Piston pin retaining 17 32876 Rod Assy., Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 32654 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Canshaft 23 30756B Coert. Cylinder (Incl. 24, 30, 31 & 1 06) 24 25540 Seal. Oil 28 27677A "Gasket, Oylinder (Incl. 24, 30, 31 & 1 06) 29 65048 Coert. Oylinder (Incl. 31) 30 27625 Pilug, Oil Riller (Incl. 31) 31 26673 Gasket, Oylinder (Incl. 31) 32 33554A Gasket, Oylinder (Incl. 35) 33 33016A Head (Vinder (Incl. 35) 34 65091 Washer (Not used on late production) 34 65091 Washer (Not used on late production) 36 650818 Screw, 16-18 1-12" (Use as required) 37 33636 Resistor Spark Plug (Ruse) 38 31619A Screw, 16-18 1-12" (Use as required) 39 37374 Gasket, Intake (1/32" thick) 30 37552 Screw, 16-18 1-12" (Use as required) 30 3754 Gasket, Intake (1/32" thick) 31 3341 Repether Assy. (Incl. 38 A40) 31410 Element, Breather 34 336334 Rose Spark Plug (Ruse) 36 60214 Screw, 16-18 1-12" (Use as required) 39 60286 Screw, 16-18 1-12" (Use as required) 30 60369 Screw, 16-18 1-12" (Use as required) 30 604 Screw, 16-18 1-12" (Use as required) 30 605 Screw, 16-18 1-12" (Use as required) 31 606 Screw,				<u> </u>
5 32645A				
6 29315C Exhaust Valve (732 OS) (Incl. 9) 6 29315C Exhaust Valve (732 OS) (Incl. 9) 8 31672 Spring, Valve 9 31673 Cap. Lower valve spring 10 610961 Key Flywheel 11 34728 Crankshaft (Incl. 24) 114A 33562B Piston & Pin Assy. (30t) (Incl. 16)(2-13/16") 114A 33563B Piston & Pin Assy. (30t) (Incl. 16)(2-13/16") 114A 33563B Piston & Pin Assy. (30t) (Incl. 16) 114A 33563B Piston & Pin Assy. (30t) (Incl. 16) 114A 33563B Piston, Pin & Ring Set (30t) (2-13/16") 114A 34536 Piston, Pin & Ring Set (101" OS) 114A 34536 Piston, Pin & Ring Set (101" OS) 115A 33567 Piston, Pin & Ring Set (101" OS) 115A 33569 Piston, Pin & Ring Set (101" OS) 115A 33569 Ring Set (101" OS) 115A 33569 Ring Set (101" OS) 116A 20331 Ring, Piston pin retaining 117A 32875 Rod Assy, Connecting Rod 12A 32875 Rod Assy, Connecting (Incl. 18 & 20) 13B 32610A Bolt, Connecting Rod 12A 28540 Sell (1) 12A 28540 Sell (1) 12B 28540 Sell (1) 13B 33516A Gasket, Cylinder cover 13B 33554 Screw, 14-20 x 1" (Use as required) 13B 33554 Gasket, Oli flip lpug 13B 33554 Gasket, Oli flip lpug 13B 33554 Gasket, Oli flip lpug 13B 33554 Gasket, Oli flip Rich (Incl. 31) 13B 33569 Rod				, , , ,
6 20315C Exhaust Valve (1/32" OS) (incl. 9) 8 31672 9 31673 10 610961 11 34728 11 34563B Piston & Pin Assy (.020" OS) (incl. 16) 11 345636 11 33654B Piston & Pin Assy (.020" OS) (incl. 16) 12 34563 13 33668 13 33667 15 33668 16 33369 17 33868 18 18 18 18 18 18 18 18 18 18 18 18 18 1				
8 31672 Spring, Valve 9 31673 Cap, Lower valve spring 10 610961 Key Flywheel 11 34728 Crankshaft (ncl. 24) 114 33263B Piston & Pin Assy. (Std.) (Incl. 16) (2 - 13/16") 114 33263B Piston & Pin Assy. (O20" OS) (Incl. 16) 114 34636 Piston & Pin Assy. (O20" OS) (Incl. 16) 114 34636 Piston, Pin & Ring Set (Std.) (2-13/16" Bore) 115 33568 Piston, Pin & Ring Set (O10" OS) 114 34637 Piston, Pin & Ring Set (O10" OS) 115 33568 Ring Set (O20" OS) 115 33569 Ring Set (O20" OS) 116 20381 Ring Set (O20" OS) 117 22875 Rod Assy. Comeding Rod 118 22610A Bolt, Connecting Rod 119 22654 Dipper, Oil 117 217241 Lifter, Valve 12 33158 Camshaft Carshaft 12 22 33158 Camshaft 13 22654 Sed. Seal. Oil 14 226540 Seal. Oil 15 23654 Sorey. 14-20 x 1" (Use as required) 15 23654 Sorey. 14-20 x 1" (Use as required) 16 20327625 Plug, Oil filler (Incl. 31) 17 22675 Rod Seal. Oylinder cover 18 265048 Sorey. 14-20 x 1" (Use as required) 18 266081 Sorey. 14-20 x 1" (Use as required) 18 266081 Sorey. 516-18 x 7" (Use as required) 18 266081 Sorey. 516-18 x 1" (Use as required) 18 266081 Sorey. 516-18 x 1" (Use as required) 18 266081 Sorey. 516-18 x 1" (Use as required) 18 266081 Sorey. 516-18 x 1" (Use as required) 18 266081 Sorey. 516-18 x 1" (Use as required) 18 266081 Sorey. 516-18 x 1" (Use as required) 18 266081 Sorey. 516-18 x 1" (Use as required) 18 266081 Sorey. 516-18 x 1" (Use as required) 18 266081 Sorey. 516-18 x 1" (Use as required) 28 266081 Sorey. 516-18 x 1" (Use as required) 29 26608 Link, Covernor Portor the Lever, Governor Portor Po				
9 31673 10 610961 11 34728 11				, , , ,
10 610961 11 34728 11 34728 11 34728 11 34728 11 34728 11 34728 11 34728 11 34728 11 34728 11 34728 11 34728 11 348536 11 348536 11 348536 11 348536 11 348536 11 348536 11 348536 11 348536 11 348536 11 348536 11 348536 11 348537 11 348537 11 348537 11 35867 11 33567 11 33567 12 33568 13 33569 14 34537 15 33568 16 20381 17 32875 18 32810 18 32810 18 32810 18 32810 19 32875 18 32810 19 32875 18 32810 19 32875 18 32810 20 32854 21 27241 22 33158 23 30756B 24 22540 29 650451 29 650451 29 650488 20 27625 21 29673 21 29674 21				•
11 34728				
14A 33562B				
14A 33563B	11	34728		Crankshaft (Incl. 24)
14A 33564B	14A	33562B		Piston & Pin Ass'y.(Std.)(Incl.16)(2- 13/16")
14A 33564B 14 34535 14 34536 15 34536 16 34536 17 34537 18 34537 18 34537 19 15ton, Pin & Ring Set (6.010° OS) 14 34537 15 33567 15 33567 16 33569 16 20381 17 32875 18 32610A 20 32654 20 32654 21 27241 22 33158 23 307568 23 307568 24 28540 28 27677A 29 650461 28 27677A 29 650461 29 650463 30 327625 31 329673 31 329674 32 33354A 333016A 333016A 333016A 34 4600691 35 650694A 36 506964A 37 33636 38 31619A 39 31337A 40 31410 40 51410 40 5650128 40 52762 40 5276 40 5277 40 62 62 62 62 62 62 62 62 62 62 62 62 62	14A	33563B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
14 34536	14A	33564B		• , , , ,
14 34536 Piston, Pin & Ring Set ((.010" OS) 15 33567 Ring Set ((.910" OS) 15 33567 Ring Set ((.910" OS) 15 33568 Ring Set ((.910" OS) 16 20381 Ring Set ((.910" OS) 16 20381 Ring Set ((.910" OS) 18 32675 Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 20 32654 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Camshatt 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 650468 Screw, 1/4-20 x 1-1/4" (Use as required) 30 27625 Plug, Oil fillier (Incl. 31) 31 29673 "Gasket, Oil fill plug 32 33554A Gasket, Oil fill plug 32 33554A Gasket, Oil fill plug 33 33016A Head, Oylinder (Incl. 35) 4 650691 Washer (Not used on late production) 34 650691 Washer (Not used on late production) 35 650684A Screw, 5/16-18 x 2" (Use as required) 36 6506818 Screw, 5/16-18 x 2" (Use as required) 37 33636 Resistor Spark Plug (RJ-8C) 38 31619A Screw, 5/16-18 x 2" (Use as required) 39 A 31337A Breather Assy, Incl. 38 & 40) 40 31410 Element, Breather 40 33412 Baffle, Blower housing 60 31510 Lever, Covernor (Incl. 67) 50 Assher, Incl. 42 x 10" 50 Covernor (Incl. 67) 50 Assher, Incl. 67 50 28277 Washer (Purchase locally)(Use as required) 50 FOR Revet (Purchase locally)(Use as required)				
14 34537 15 33567 16 233567 17 Ring Set (Std.) (2-13/16" Bore) 18 33568 18 Ring Set (O10" OS) 18 33568 18 Ring Set (O10" OS) 18 33569 18 Ring Set (O20" OS) 18 33561 17 32875 18 32610A 20 32654 21 27241 22 33158 23 30756B 23 30756B 24 22540 25 27677A 26 650488 27677A 29 650451 20 27625 21 27252 22 33554 23 30756B 24 22530 25 27677A 26 36set, Cylinder (Incl. 24, 30, 31 & 1 06) 26 32654 27677A 28 650451 29 650451 20 27625 21 27241 22 33158 23 30756B 24 22540 25 26101 26 27677A 27 63set, Cylinder cover 28 650451 29 650451 20 27625 20 Flug, Oil filler (Incl. 31) 20 27625 21 29673 21 29673 22 33554A 26 33 33016A 26 33 33016A 27 625 28 27677 29 650454 29 650454 20 27625 21 27627 22 27626 23 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				
15 33568 Ring Set (Std.) (2*13/16* Bore) 15 33568 Ring Set (.020* OS) 16 20381 Ring Set (.020* OS) 16 20381 Ring Set (.020* OS) 18 32610A Ring Set (.020* OS) 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) 28 27677A Seal, Oil 28 27677A Seal, Oil 29 650451 Screw, 14*-20 x 1*" (Use as required) 29 650451 Screw, 14*-20 x 1*" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 Gasket, Oil filler (Incl. 35) 32 33554A Gasket, Oil fill plug 33 33016A Head, Oil filler (Incl. 35) 34 26073 Washer (Not used on late production) 36 650691 Washer (Use as required) 36 650694A Screw, 5*16-18 x 2*" (Use as required) 36 650694A Screw, 5*16-18 x 2*" (Use as required) 36 650665 Screw, 5*16-18 x 1*-1/2*" (As regnot w /650691) 37 33636 Resistor Spark Plug (R.1-8C) 38 31619A Gasket, Inlake (13.2** thick) 48 30646 Screw, 10*-24 x 1-2** 48 33673A Breather 5 Gasket, Inlake (13.2** thick) 5 Gasket, Inlake (16.2** thick) 6 Gasket, Inlake (16.2** thick) 7 Gask				
15 33568 Ring Set (.010" OS) 15 33569 Ring Set (.020" OS) 16 20381 Ring Set (.020" OS) 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 650451 Screw, 1/4-20 x 1" (Use as required) 29 650488 Screw, 1/4-20 x 1" (Use as require d) 20 27625 Plug, Oil filler (Incl. 31) 21 3354A Gasket, Oil fill plug 23 33554A Gasket, Oil fill plug 33 33016A Head, Cylinder (Incl. 35) 34 26073 Washer (Not used on late production) 35 650691 Washer (Not used on late production) 36 650691 Washer (Not used on late production) 37 3660691 Screw, 5/16-18 x 2" (Use as required) 38 650865 Screw, 5/16-18 x 2" (Use as required) 39 650865 Screw, 5/16-18 x 1-1/2" (Use as required) 39 650865 Screw, 5/16-18 x 1-1/2" (Use as required) 30 33364 Resistor Spant Plug (R, 8-8C) 31410 Element, Breather 39 31337A Breather 39 31694 Screw, 5/16-18 x 1-1/2" (As requot w /650691) 39 3696 Screw, 5/16-18 x 1-1/2" (As requot w /650691) 39 3696 Screw, 1/4-20 x 1-3/2" 40 31410 Element, Breather 50 32698 Link, Governor-to-throttle 50 32698 Link, Governor (Incl. 67) 51 28277 Nather to the simple of the power				
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 650451 Screw, 1/4-20 x 1-1/4" (Use as required) 29 65048 Screw, 1/4-20 x 1-1/4" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 Gasket, Cylinder head 43 33 33016A Head, Cylinder (Incl. 35) 44 26073 Washer (Not used on late production) 45 650691 Washer (Not used on late production) 46 650691 Washer (Use as required) 57 650865 Screw, 5/16-18 x 2" (Use as required) 58 650865 Screw, 5/16-18 x 2" (Use as required) 58 650865 Screw, 5/16-18 x 1-1/2" (Use as required) 59 36363 Resistor Spark Plug (B-J-8C) 40 31410 Element, Breather 45 650128 Screw, 1/4-20 x 1-3/8" 46 33673A Breather Breather 59 32698 Link, Governor-to-throttle 60 31510 Lever, Governor 60 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired) 61 26277 Washer (Packwasher, Flat				
17 32875 18 32610A 20 32654 Dipper, Oil 21 27241 Lifter, Valve 23 33158 Camshaft Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 24 28540 Seal, Oil 28 27677A Screw, 1/4-20 x 1" (Use as required) Screw, 1/4-20 x 1-1/2" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 Screw, 10/4-20 x 1-1/4" (Use as required) 32 33554A Gasket, Cylinder (Incl. 31) 33 33016A Head, Cylinder (Incl. 35) Washer (Not used on late production) Washer (Use as required) Screw, 5/16-18 x 2" (Use as required) Screw, 5/16-18 x 2" (Use as required) Screw, 5/16-18 x 2" (Use as required) Screw, 5/16-18 x 1-1/2" (Use as required) Screw, 1/4-20 x 1-3/8" Link, Governor (Incl. 38 & 40) Lever, Governor Gas 31334 Rod, Governor (Incl. 36 x 1) Rod, Governor (Incl. 67) Baffle, Blower housing Screw, 1/4-20 x 1-3/8" Nut & Lockwasher Assy, , 1/4-28 (As re quired) Pop Rivet (Purchase locally)(Use as r equired)				
18 32610A 20 32654 Dipper, Oil 11 27241 Lifter, Valve 22 33158 Camshaft Cover, Cylinder (Incl. 24, 30, 31 & 1 06) Seal, Oil 28 27677A Seal, Oil 28 27677A Seasket, Oylinder cover Screw, 1/4-20 x 1-1/4" (Use as required) Screw, 1/4-20 x 1-1/2"				·
20 32654 21 277241 22 33158 23 30756B 24 28540 25 260451 26 27677A 29 650451 29 650488 30 27625 31 29673 32 33554A 33 3016A 4 28073 4 28091 35 650891 36 650894A 37 650818 37 650818 38 650894A 39 67625 30 67828 30 6021A 31 68021A 32 68021A 33 31619A 33 31619A 33 31410 45 650128 45 650128 46 33673A 48 30646 59 3268 50 10 10 10 10 10 10 10 10 10 10 10 10 10				
21 27241 22 33158	18	32610A		Bolt, Connecting Rod
22 33158 23 30756B 24 28540 28 27677A 29 650451 29 650451 30 27625 30 27625 31 29673 32 33554A 33 33016A 34 26073 35 6506914 35 650694A 36 650865 36 50865 37 680818 38 6508694A 39 650866 30 6021A 30 6021A 30 6021A 30 6021A 30 733636 30 881519A 31 7337A 31 8619A 31 8737A 31 8738A 31 88 40) 31 8110 31 81410 31 8150 31 81619A 31 83673A 31810	20	32654		Dipper, Oil
23 30756B 24 28540 28 27677A 3	21	27241		Lifter, Valve
23 30756B 24 28540 28 27677A 3	22	33158		Camshaft
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## Gasket, Cylinder cover				· · · · · · · · · · · · · · · · · · ·
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		Qty Description
	29212 33663C	Screw, 1/4-28 x 7/16" 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.
75 76 77 78 81 82 83 84 85 86 87 90 92 93 94 95	30747 650890 27272A 34212 30200 29752 33341 650701 6201 650870 28212 26756 31715 650152 31691 28820 33344 35349 730127	Clip, Spark plug shorting Lockwasher * Gasket, Air cleaner Bracket, Holddown Screw, 10-24 x 9/16" Nut & Lockwasher Assy., 1/4-28 Extension, Baffle Screw, 8-18 x 7/16" Screw, 1/4-28 x 7/8" Screw, 1/4-28 x 1-11/16" Spacer * Gasket, Carburetor Body, Air cleaner Screw, 8-32 x 3/8" Bracket, Air cleaner Screw, 10-32 x 1/2" Baffle, Heat Ground Wire Air Cleaner Ass'y. (Incl.76,76A,90A,91A,92,93,94, & 221A)(Use as required)
105 106 107 108 109 111 113 114 115	28458 30590A 30574 30591 30588A 29193 28371B 650561 34711 410144B 33032	Bearing, Ball Washer, Flat Shaft, Mechanical governor Gear Assy.,Governor (Incl. 105) Spool Governor Ring, Retaining Fuel Tank Bracket Screw, 1/4-20 x 5/8" Fuel Tank (Incl. 115 & 123) Fuel Cap (Std.)(Wh.Plastic)(1-1/2" I. D.) Fuel Cap (Red Plastic)(1-3/16" I.D.) (Spurt resistant, Low profile) Fuel Cap (Red Plastic)(1-3/16" I.D.) (Spurt resistant, High
118 118 119 121 122 123 129 130 139 140D 140 140C 141	650665 30962 29774 30795 28819 29745 650128 26460 650814 27276 33670A 26073 30063 650628A 33697A 33356 28545	profile) Screw, 1/4-15 x 7/8" Line, Fuel (Braided 32") Line, Fuel (Braided 8.25") Line, Fuel (Braided 16") Spring, Fuel line (Use as required) Extension, Blower housing Screw, 10-24 x 1/2" Clamp, Fuel line (Use as required) Screw, 10-24 x1" Cover, Spark plug * Gasket, Muffler Washer, flat Screw, 1/4-20 x 1/2" (Use as required) 5/16-18 x 2-3/8" Muffler (Front Discharge) Terminal, Ground Grommet, Plastic

Ref #	Part Number	Qty	Description
183	650760	•	Screw, 8-32 x 3/8"
	650548		Screw, 8-32 x 5/16"
201	610973		Terminal Assy. (Use as required)
202A	32923		Spring, Torsion (Used in early production)
202	33857		Spring Assy. (Used in late production)
	730136A		Control Brkt (Incl.202,202A,204,205,2 06,207)
	650139		Screw, 8-32 x 1/2" (Use as required)
	650152		Screw, 8-32 x 3/8" (Use as required)
	30200		Screw, 10-24 9/16" (Use as required)
	30322		Nut & Lockwasher (Use as required)
	650688		Screw, 10-32 x 1" (Used on early prod uction)
	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)
	28942		Screw, 10-32 x 3/8"
	27793		Clip, Conduit
	31426		Spring, Extension
	650815		Washer, Belleville
	650816		Nut, Flywheel
	31585		Screen, Starter
	34694		Cup, Starter
	34080		Spacer, Flywheel key
	650872		Stud, Solid State Assy.
	34443A		Solid State Assy.
	611080		Flywheel
	550223		Decal, Name
	34346		Decal. Instruction
	631021		Inlet Needle, Seat & Clip Assy.
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 *)



Ref #	Part Number	Qty D	Description
90	31715	В	Body, Air cleaner
91	30727	E	Element, Air cleaner
94	28820	S	Screw, 10-32 x 1/2"
100A	730164		vir Cleaner Ass'y. (Incl. 76, 90, 91, 92, 93, 94, & 221B) (Use is required)
111	28371B	Fu	uel Tank Bracket
112B	34182	Fu	uel Tank Bracket
139	33670A	* (Gasket, Muffler
140	30063	S	Screw, 1/4-20 x 1/2" (Use as required)
141D	391026	M	Nuffler (Incl. 143, 144 & 145) (This spark arrester mufflercan
		be	e used on any model.)
143	33323	S	Screen, Muffler
144	33700	C	Cover & Tube, Muffler
145	650578	S	Screw, 8-18 x 3/8"
157	730165	M	/luff.Adapter Kit (Incl.139,140)(As re quired)
201	610973	Te	erminal Assy. (Use as required)



Ref #	Part Number	Qty	Description
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"
101	30200		Screw, 10-24 x 9/16"
102	28458		Bearing, Ball
103	28539		Ring, Retaining
104	28537		Washer, Flat
191	29918		Washer, Lock, #8
192	30322		Nut & Lockwasher, 8-32
193	29826		Screw, 10-32 x 3/4"
194	29216		Nut, Square, 10-32
	29642		Ring, Retaining
	29916		Clamp, Governor lever
	650548		Screw, 8-32 x 5/16"
	34788		Pulley, Starter rope
	611080		Flywheel
	35189		Spacer, Coil Assy.
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