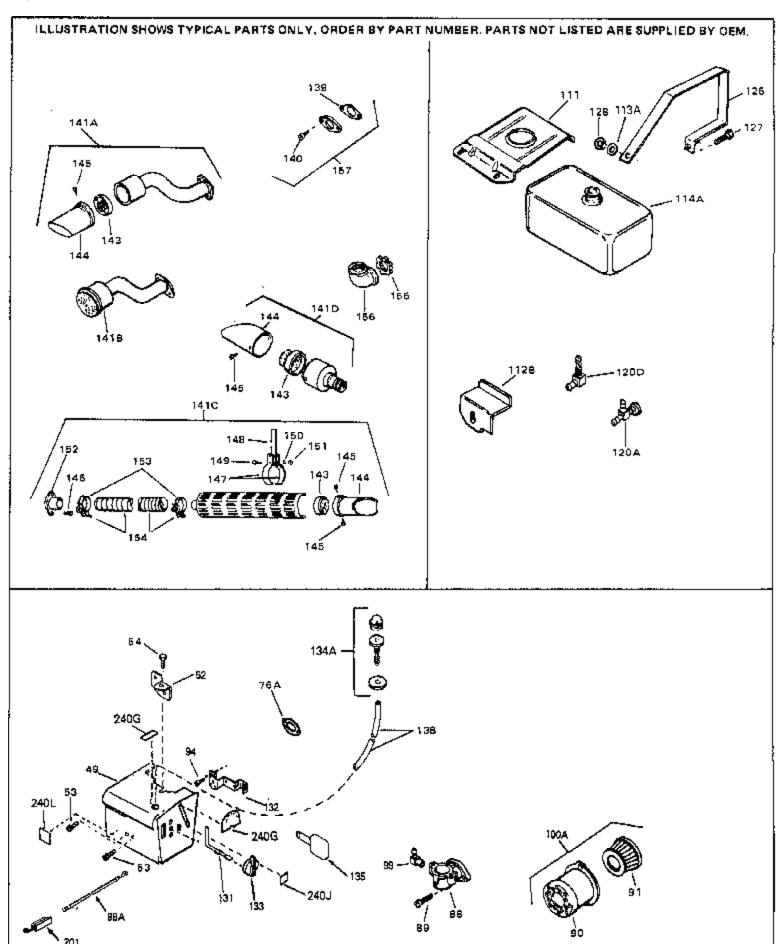


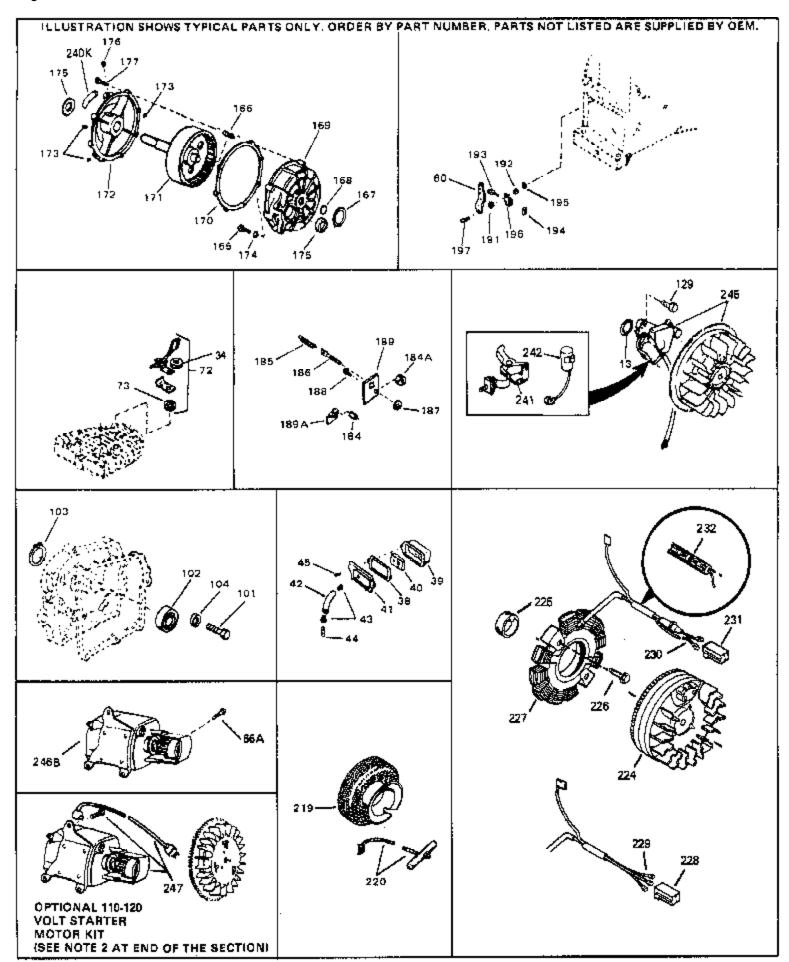
Ref # Part Number   Cyt   Description   1 33674B   2 26777   Pin, Dowel   Cylinder (Ind. 2, 3 & 4) (2-13/16" B ore)   Pin, Dowel   Oil Drain Plug   Oil Drain Plug   Oil Drain Plug   Seal, Oil   Intake Valve (Std.) (Incl. 9)   Intake Valve (Std.) (Incl. 9)   Intake Valve (Std.) (Incl. 9)   Exhaust Valve (Incl. 9)   Exhaust Va	Def #	Dort Mussels on	O4 :	Description
2 267277 3 27642 3 27642 Coil Drain Plug 3 28582 4 32600 5 2841, Oil 5 32644A Intake Valve (Std.) (Incl. 9) Intake Valve (132° OS) (Incl. 9) 5 32645A 6 28313C Exhaust Valve (132° OS) (Incl. 9) 8 31672 9 31673 Cap. Lower valve spring 10 610951 11 33676 Caralhaft (Incl. 24) 13 33876 Gasket, Stator 14A 33562B Piston & Pin Assy', (101° OS) (Incl. 16) 14 34535 Piston, Pin Assy', (101° OS) (Incl. 16) 14 34535 Piston, Pin Assy', (101° OS) (Incl. 16) 15 33668 Piston, Pin Ring Set (101° OS) 16 20381 17 32875 Ring Set (201° OS) 18 33610A 20 33654 Piston, Pin Ring Set (101° OS) 18 33610A 20 33654 Piston, Pin Ring Set (101° OS) 18 33610A 20 33654 Piston, Pin Ring Set (101° OS) 18 33610A 20 33654 Piston, Pin Ring Set (101° OS) 18 33610A 20 33654 Piston, Pin Ring Set (101° OS) 18 33610A 20 33654 Piston, Pin Ring Set (101° OS) 19 32677 Piston, Pin Ring Set (101° OS) Pist			Qty	
3 27642 3 28582 4 32600 5 2864A 5 32645A 5 32645A 6 29313C 6 29315C 8 31672 9 31673 10 610951 11 33676 11 33676 11 33677 10 610951 11 33678 14 33563B 14 33563B 14 33563B 14 34535 15 32684B 16 33678 17 3 32678 18 31673 19 31673 10 610951 11 33676 11 33677 12 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5				
3 28582 Oil Drain Plug 5 32644A Intake Valve (Strú, (Ind. 9) 1 5 32645A Intake Valve (Strú, (Ind. 9) 6 23315C Exhaust Valve ((32" OS) (Ind. 9) 8 3 1672 Spring, Valve 9 31673 Cap. Lover valve spring 10 610961 Key, Flywheel 11 33376 Crankshaft (Ind. 24) 13 33876 Crankshaft (Ind. 24) 13 33876 Crankshaft (Ind. 24) 14 33563B Piston & Pin Assy, (Std) (Ind. 16)(2-13/16") 14 4 33563B Piston & Pin Assy, (Std) (Ind. 16)(2-13/16") 14 34535 Piston & Pin Assy, (Std) (Ind. 16)(2-13/16") 14 34537 Piston & Pin Assy, (D20" OS) (Ind. 16) 14 34537 Piston & Pin Assy, (D20" OS) (Ind. 16) 15 33569 Ring Set (101" OS) 16 20381 Ring Set (101" OS) 16 20381 Ring Set (101" OS) 17 2876 Rod Assy, Connecting (Ind. 18 & 20) 18 2610A Bolt Connecting Rod 20 32664 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Canshaft 23 30756B Canshaft 24 28540 Sel, (Oil Cap. (Ind. 24, 30, 31 & 1 05) 24 28540 Sel, (Oil Cap. (Ind. 24) (Ind. 24, 30, 31 & 1 06) 25 34313 Dipstick (Ind. 27) 26 650451 Serve, Valve Cap. (Ind. 24)				·
4 32600 Seal, Oil Intake Valve (Std.) (Incl. 9) 5 32645A Intake Valve (Std.) (Incl. 9) 6 2313C Exhaust Valve (Std.) (Incl. 9) 6 2313C Exhaust Valve (Std.) (Incl. 9) 8 31672 Spring, Valve 9 31673 Cap. Lower valve spring 10 610951 Key, Flywheel 11 33676 Caraksatt (Incl. 24) 13 33976 Gasket, Slator 14A 33562B Piston & Pin Assy, (Std.) (Incl. 16) (2- 13/16") 14A 33563B Piston & Pin Assy, (Std.) (Incl. 16) (2- 13/16") 14A 33563B Piston & Pin Assy, (Std.) (Incl. 16) (1- 1				<u> </u>
5 32646A Intake Valve (Std.) (Incl. 9) 6 29315C Exhaust Valve (Rtd.) (Incl. 9) 6 29315C Exhaust Valve (Rtd.) (Incl. 9) 8 31672 Spring, Valve 9 31673 Cap. Lower valve spring 10 610951 Key, Flywheel 11 33676 Crankshaft (Incl. 24) 13 33876 Gasket, Stator 14 33952B Piston & Fin Assy, (Std.) (Incl. 16) Cap. Lower valve spring 14 33954B Piston & Fin Assy, (Std.) (Incl. 16) Cap. Lower valve spring 14 34535 Piston & Fin Assy, (Std.) (Incl. 16) Cap. Lower valve spring 14 34535 Piston & Fin Assy, (Std.) (Incl. 16) Cap. Lower valve spring 14 34535 Piston & Fin Assy, (Jot? OS) (Incl. 16) 14 34535 Piston & Fin Assy, (Jot? OS) (Incl. 16) Piston & Fin Assy, (Jot. 16) Piston & Fin As				<u> </u>
5 32646A				
6 29313C 6 29315C 8 31672 8 31673 Cap Lower valve (Std.) (Incl. 9) 9 31673 Cap Lower valve spring Cap Lower valve valve spring Cap Lower valve spring Cap Lower valve valve spring Cap Lower valve spring Cap Lower valve v				
6 29315C 8 31672 9 31673 10 610951 11 33676 11 33676 11 33676 12 33676 13 33676 14 33662B 14 33662B 14 33662B 14 33664B 14 33664B 14 34636 14 34636 15 14 34636 16 14 34636 17 35643 18 35677 18 33664B 19 19 19 19 19 19 19 19 19 19 19 19 19 1				
8 31672 9 31673 Cap. Lover valve spring 16 610951 17 33676 Cap. Lover valve spring 18 33676 Cap. Lover valve spring 18 13 33676 Cap. Lover valve spring 19 23676 Cap. Lover valve spring 11 33676 Cap. Lover valve spring 11 33668 Piston & Pin Assy. (.010° OS) (Incl. 16) Piston & Pin Assy. (.020° OS) (Incl. 16) Piston, Pin & Ring Set (Cid.) (2-13'16" Bore) Piston, Pin & Ring Set (Cid.) (2-13'16" Bore) Piston, Pin & Ring Set (Cid.) (2-13'16" Bore) Piston, Pin & Ring Set (.010° OS) Piston, Pin & Ring Set (.020° OS) Piston, Pin & Ring Set (.010° OS) Piston,				
9 31673 Cap, Lower valve spring 10 610961 Key, Flywheel 11 33676 Crankshaft (Incl. 24) 33876 Gasket, Stator 14A 33662B Piston & Pin Assy, (Std.) (Incl. 16) (2- 13/16") 14A 33663B Piston & Pin Assy, (J02"O S), (Incl. 16) 14A 33564B Piston & Pin Assy, (J02"O S), (Incl. 16) 14 34536 Piston, Pin & Ring Set (Std.) (2-13/16" Bore) 14 34536 Piston, Pin & Ring Set (J01"O S) 14 34537 Piston, Pin & Ring Set (J01"O S) 15 33567 Ring Set (Std.) (2-13/16" Bore) 15 33568 Ring Set (J01"O S) 16 20331 Ring, Piston, Pin Rating Set (J01"O S) 18 32610A Piston, Pin & Ring Rod (J02"O S) 18 32610A Piston, Pin Rating Rod Dipper, (Oil 12 27241 Lifter, Valve 12 33158 Carnshaft 13 33590 Piston, Pin Rating Rod 14 26540 Seal, Oil 15 33591 Cornecting Rod 16 203313 Dipstick (Incl. 27) 17 Jube, Oil filler 17 32590 "Gasket, Cylinder (Incl. 24, 30, 31 & 1 06) 18 26 34313 Dipstick (Incl. 27) 19 650451 Screw, 14-42 0 x 1" (Use as required) 19 650488 Screw, 14-42 0 x 1" (Use as required) 19 650489 Screw, 14-42 0 x 1" (Use as required) 19 650481 Screw, 14-42 0 x 1" (Use as required) 19 650691 Screw, 516-18 x 2" (Use as required) 19 650691 Screw, 516-18 x 2" (Use as required) 19 650691 Screw, 516-18 x 2" (Use as required) 19 660128 Screw, 516-18 x 2" (Use as required) 20 3669 Pipe, Intake 21 3669 Pipe, Intake 22 37869 Pipe, Intake 23 36794 Pipe, Intake 24 3669 Pipe, Intake 25 3689 Pipe, Intake 26 3689 Pipe, Intake 27 3689 Pipe, Intake 26 369046 Screw, 10-24 x 1/2" 27 3689 Pipe, Intake 27 3689 Pipe, Intake 28 3690 Pipe, Intake 39 3042 Balffe, Blower housing				Exhaust Valve (1/32" OS) (Incl. 9)
10 610851 11 33676 12	8	31672		Spring, Valve
11 33676 13 33876 14A 33562B 14A 33562B 14A 33563B 14A 33563B 14A 33564B 14A 33564B 14A 33564B 14A 33564B 14A 33564B 14A 33564B 14B	9	31673		Cap, Lower valve spring
13 33876 14A 33562B 14A 33562B 14A 33563B 14A 33563B 14A 33564B 14A 33564B 14A 33564B 14A 33564B 14B Piston & Pin Assy, (J010" OS) (Incl. 16) 14 34535 15 34536 16 Piston & Pin Assy, (J020" OS) (Incl. 16) 17 34536 18 Piston & Pin Assy, (J020" OS) (Incl. 16) 18 34537 19 Piston, Pin & Ring Set (Std.) (2-13" 6" Bore) 18 33567 19 Piston, Pin & Ring Set (J010" OS) 18 33568 19 Piston, Pin & Ring Set (J010" OS) 19 Piston, Pin & Ring Set (J020" OS) 19 Piston, Pin & Ring Set (J020" OS) 10 Piston, Pin & Ring Set (J020" OS) 11 Piston, Pin & Ring Set (J020" OS) 12 Piston, Pin & Ring Set (J020" OS) 13 Jacob Piston, Pin & Ring Set (J020" OS) 14 Piston Pin Testing 15 Piston Pin Testing 16 Piston Pin Testing 17 S2675 18 Jacob Piston Pin Testing 17 S2675 18 Jacob Piston Pin Testing 18 Piston Pin Testing 19 Piston Pin Testing 19 Piston Pin Testing 10 Jacob Piston Pin Testing 11 Jacob Piston Pin Testing 12 Jacob Piston Pin Testing 12 Jacob Piston Pin Assy, (Jonater Cover Piston Pin Testing 12 Jacob Piston Pin Testing 13 Jacob Piston Pin Testing 14 Jacob Piston Pin Testing 15 Jacob Piston Pin Assy, (Jonater Cover Piston Pin Pin Testing 16 Jacob Piston Pin Assy, (Jonater Piston Pin Assy), (Jonater Piston Pin Assy), (Jonater Piston Pin Piston Pin Assy), (Jonater Pin	10	610951		
14A   33562B	11	33676		Crankshaft (Incl. 24)
14A   33663B	13	33876		Gasket, Stator
14A 33564B Piston & Pin Assý, (202° OS) (incl. 16) 14 34535 Piston, Pin & Ring Set (Std.) (2-13′1 6° Bore) 14 34536 Piston, Pin & Ring Set (Ox0' OS) 14 34537 Piston, Pin & Ring Set (1020° OS) 15 33567 Ring Set (Std.) (2-13′1 6° Bore) 15 33568 Ring Set (C010° OS) 16 20381 Ring Set (C010° OS) 17 32875 Ring Set (C010° OS) 18 32610A Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 32654 Dipper, Oil 18 12 27241 Liffer, Valve 12 233158 Camshaft 19 32756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 12 3756B Cover, Cylinder (Incl. 27) 18 33910 Pipstick (Incl. 27) 19 650451 Seal, Oil 27 33590 "O' Ring 28 27677A "Gasket, Cylinder cover 29 650451 Screw, 14-20 x 1" (Use as required) 29 650451 Screw, 14-20 x 1-14′ (Use as required) 32 33554A Gasket, Cylinder head 33 33016A Head, Oylinder (Incl. 35) 34 650691 Washer (Use as required) 35 650604A Screw, 51-6-18 x 2" (Use as required) 36 60021A Screw, 51-6-18 x 2" (Use as required) 37 33636 Resistor Spark Plug (RJ-BC) 38 3699 Pipe, Intake 48 30646 Screw, 14-20 x 1-38° 1	14A	33562B		Piston & Pin Ass'y.(Std.)(Incl.16)(2- 13/16")
14 34535 Piston, Pin & Ring Set (Std.) (2-13/1 6" Bore) 14 34536 Piston, Pin & Ring Set (,010" OS) 14 34537 Piston, Pin & Ring Set (,020" OS) 15 33568 Ring Set ((010" OS) 15 33568 Ring Set ((010" OS) 15 33569 Ring Set (,010" OS) 16 20381 Ring Set (,020" OS) 17 22875 Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 23654 Dipper, Oil 12 27241 Lifter, Valve 12 33158 Camshaft 12 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 12 34313 Dipstick (Incl. 27) 12 6 33951A Tube, Oil filler 13 33590 "O" Ring 18 27677A "Gasket, Cylinder cover 19 650481 Screw, 1/4-20 x 1" (Use as required) 19 650488 Screw, 1/4-20 x 1" (Use as required) 20 33054A Gasket, Cylinder (Incl. 35) 21 26073 Washer (Not used on late production) 22 86084 Screw, 5/16-18 x 2" (Use as required) 23 650894 Screw, 5/16-18 x 1-1/2" (Use as required) 25 650816 Screw, 5/16-18 x 1-1/2" (Use as required) 26 65043 Screw, 5/16-18 x 1-1/2" (Use as required) 27 36369 Ring Safety 28 36021A Screw, 5/16-18 x 1-1/2" (As regrnot w /650691) 28 36194 Screw, 5/16-18 x 1-1/2" (As regrnot w /650691) 29 48 30646 Screw, 5/16-18 x 1-1/2" (As regrnot w /650691) 20 33302 Lever, Governor (Incl. 36") 21 4 2073 Pipe, Intake 23 33568 Link, Governor (Incl. 37") 28 33573 Ring Safety 39 31358 Link, Governor (Incl. 67") 31 3669 Pipe, Intake 30 33302 Lever, 5/06-18 x 1-1/2" (Link) 31 34 3669 Pipe, Intake 33 3302 Lever, 5/06-18 x 1-1/2" (Link) 34 30342 Baffle, Blower housing	14A	33563B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
14 34536 Piston, Pin & Ring Set (010° OS) 14 34537 Piston, Pin & Ring Set (020° OS) 15 33567 Ring Set (Std.) (2-13'16" Bore) 15 33568 Ring Set (C20° OS) 16 20381 Ring Set (010° OS) 16 20381 Ring Set (020° OS) 18 32610A 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 25 34313 Dipstick (Incl. 27) 26 33951A Tubo, Oil filler 27 33590 "O' Ring 28 27677A "Gasket, Cylinder cover 28 650451 Screw, 14-20 x 1" (Use as required) 29 650488 Screw, 14-20 x 1" (Use as required) 33 33016A Head, Cylinder (Incl. 35) 34 26073 Washer (Not used on late production) 34 650691 Washer (Not used on late production) 35 650694A Screw, 5'16-18 x 2" (Use as required) 36 650691 Screw, 5'16-18 x 2" (Use as required) 37 3366 Screw, 5'16-18 x 2" (Use as required) 38 650865 Screw, 5'16-18 x 2" (Use as required) 39 3137A Breather 39 31337A Breather 39 31388 Link, Cylinder (Incl. 38 Screw, 5'16-18 x 1-1/2" (As req.) of the Resistor Spark Plug (RJ-8C) 39 31389 Pipe, Intake 30 302 Lever, 10-20 x 1" (Like (Incl. 32" thick) 31 3168 Link, Governor (Incl. 36" Cover, 14-20 x 1 " (Like (Incl. 32" thick) 31 3168 Link, Governor (Incl. 36" Cover, 14-20 x 1 " (Like (Incl. 32" thick) 31 3168 Link, Governor (Incl. 36" Cover, 14-20 x 1 " (Like (Incl. 32" thick) 31 3168 Link, Governor (Incl. 67) 31 314 60 33342 Baffle, Blower housing	14A	33564B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
14   34537   Piston, Pin & Ring Set (J020" OS)	14	34535		Piston, Pin & Ring Set (Std.) (2-13/1 6" Bore)
14 34537 Piston, Pin & Ring Set (.020" OS) 15 33568 Ring Set (.010" OS) 16 33569 Ring Set (.020" OS) 17 32875 Ring Set (.020" OS) 18 32610A Bolt, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 27241 Lifter, Valve 11 27241 Lifter, Valve 12 33158 Camshaft 13 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 15 34313 Dipstick (Incl. 27) 16 33951A Tube, Oil filler 17 338590 "O" Ring 18 27677A "Gasket, Cylinder cover 19 650481 Screw, 1/4-20 x 1" (Use as required) 19 650481 Screw, 1/4-20 x 1" (Use as required) 10 650691 Washer (Not used on late production) 10 606081 Screw, 5/16-18 x 2" (Use as required) 10 606081 Screw, 5/16-18 x 2" (Use as required) 10 606081 Screw, 5/16-18 x 2" (Use as required) 11 606081 Screw, 5/16-18 x 2" (Use as required) 11 606081 Screw, 5/16-18 x 2" (Use as required) 12 606085 Screw, 5/16-18 x 2" (Use as required) 13 606081 Screw, 5/16-18 x 2" (Use as required) 14 606081 Screw, 5/16-18 x 2" (Use as required) 15 606084 Screw, 5/16-18 x 2" (Use as required) 16 6021A Screw, 5/16-18 x 2" (Use as required) 17 606085 Screw, 5/16-18 x 2" (Use as required) 18 606085 Screw, 5/16-18 x 2" (Use as required) 18 606085 Screw, 5/16-18 x 2" (Use as required) 19 606086 Screw, 5/16-18 x 2" (Use as required) 20 606086 Screw, 5/16-18 x 2" (Use as required) 21 606086 Screw, 5/16-18 x 2" (Use as required) 22 606086 Screw, 5/16-18 x 2" (Use as required) 23 606086 Screw, 5/16-18 x 2" (Use as required) 24 606086 Screw, 5/16-18 x 2" (Use as required) 25 6073 Resistor Spark Plug (RJ-BC) 26 6073 Resistor Spark Plug (RJ-BC) 27 6073 Resistor Spark Plug (RJ-BC) 28 6073 Resistor Spark Plug (RJ-BC) 29 60866 Screw, 5/16-18 x 2" (Use as required) 20 60866 Screw, 5/16-18 x 2" (Use as required) 20 60866 Screw, 5/16-18 x 2" (Use as required) 20 60866 Screw, 5/16-18 x 2" (Use as required) 20 60866 Screw, 5/16-18 x 2" (Use as required) 20 60867 Screw, 5/16-18 x 2" (Use as required) 20 60868 Screw, 5/16-18 x 2" (Use as required) 20 60869 Representation Resistor Spark Plug (RJ-BC) 20 60869 Representation Resistor Spark P	14	34536		Piston, Pin & Ring Set (.010" OS)
15 33567 Ring Set (Stc1) (2-13/16" Bore) 15 33568 Ring Set (.010" OS) 16 20381 Ring Set (.020" OS) 17 32875 Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Rod Assy, Connecting (Incl. 18 & 20) 18 32614 Ring Set (.020" OS) Real to 1.14 & 2.4 3.0 3.1 & 1.0 6) Real to 1.14 & 2.14 &	14	34537		Piston, Pin & Ring Set (.020" OS)
15 33568 Ring Set (.010" OS) 15 33569 Ring Set (.020" 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 27241 Lifter, Valwe 22 33158 Camshaft 23 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 24 28540 Seal, Oil 25 34313 Dipstick (Incl. 27) 26 33951A Tube, Oil filler 27 33590 "O" Ring 28 27677A "Gasket, Cylinder cover 29 650451 Screw, 1/4-20 x 1-1/4-20 x 1	15	33567		Ring Set (Std.) (2-13/16" Bore)
15   3369   Ring Set (0.02" OS)   16   20381   Ring, Piston pin retaining   17   32875   Rod Assy., Connecting (Incl. 18 & 20)   8   2610A   Bolt, Connecting Rod   Dipper, Oil   Lifter, Valve   22   33158   Camshaft   Cover, Cylinder (Incl. 24, 30, 31 & 1 06)   Seal, Oil   Dipstick (Incl. 27)   33590   Cover, Oil filler   O'l Ring   28   27677A   Sasket, Cylinder cover   Screw, 1/4-20 x 1-1/4" (Use as required)   Screw, 1/4-20 x 1-1/2" (Use as required)   Screw, 1/4-1/2" (Use as required)   Screw, 1/4-20 x 1-1/2" (Use as required)	15	33568		
Ring. Piston pin retaining   Rod Assy., Connecting (Incl. 18 & 20)	15	33569		
17 32875 18 32610A 20 32654 21 27241 22 33158 23 30756B 23 30756B 24 28540 25 34313 26 33951A 27 33590 28 27677A 29 650451 29 650488 30 33016A 31 33016A 31 3016A 32 305691 35 650691 36 6506914 37 33636 38 6021A 39 3137A 40 31410 45 650128 40 32 30573A 40 31388 40 302 40 31388 40 302 40 31388 40 302 40 31388 40 302 40 31334 40 31410 41 50 3034 41 50 3034 42 30369 42 31858 40 30302 40 42 42 42 42 42 42 42 42 42 42 42 42 42	16	20381		
Bolt, Connecting Rod Dipper, Oil Dipper, O				
20 32654 21 277241 21 11ter, Valve 22 33158 Camshaft Cover, Cylinder (Incl. 24, 30, 31 & 1 06) Seal, Oil 25 34313 Dipstick (Incl. 27) 26 33951A Tube, Oil filler 27 33590 "O" Ring 28 27677A Screw, 1/4-20 x 1" (Use as required) Screw, 1/4-20 x 1-1/4" (Use as required) Gasket, Cylinder (Incl. 35) Seal, Oil Washer (Not used on late production) 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 1-1/2" (Use as required) Screw, 5/16-				
21       27241       Lifter, Valve         22       30158       Camshaft         23       30756B       Cover, Cylinder (Incl. 24, 30, 31 & 1 06)         24       28540       Seal, Oil         25       34313       Dipstick (Incl. 27)         26       33951A       Tube, Oil filler         27       33590       "O" Ring         28       27677A       * Gasket, Cylinder cover         29       650451       Screw, 1/4-20 x 1" (Use as required)         32       33554A       Gasket, Cylinder head         43       33 3016A       Head, Cylinder (Incl. 35)         44       26073       Washer (Not used on late production)         45       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       6021A       Screw, 5/16-18 x 1-1/2" (As req.not w /650691)         37       33636       Resistor Spark Plug (RJ-8C)         39A       31337A       Breather Assy. (Incl. 38 & 40)         40       31410       Element, Breather         46       3673A       * Gasket, Intake         47       33669				
22 33158 23 30756B 24 28540 25 34313 25 34313 26 33951A 27 33590 28 27677A 29 650451 29 650488 31 33016A 31 33016A 31 33016A 32 33554A 33 3016A 34 26073 34 650691 35 650694A 35 650694A 36 650488 37 678065 38 650818 38 650865 38 650865 38 650865 38 650865 38 31619A 39 31337A 40 31410 50 50 50 50 50 50 50 50 50 50 50 50 50 5				• •
23 30756B 24 28540 25 34313 26 33951A 27 33590 28 27677A 29 650451 29 650488 30 33554A 30 5ceal, Oil 29 650488 30 8ceal, Oil 30 8ceal, Oil filler 30 8ceal, Oil filler 31 8ceal, Oil filler 32 8ceal, Oil filler 33 8ceal, Oil filler 34 8ceal, Oil filler 35 8ceal, Oil filler 36 8ceal, Oil filler 37 8ceal, Oil filler 38 8ceal, Oil filler 39 8ceal, Oil filler 30 8ceal, Oil filler 31 8ceal, Oil filler 31 8ceal, Oil filler 32 8ceal, Oil filler 33 8ceal, Oil filler 34 8ceal, Oil filler 35 8ceal, Oil filler 36 8ceal, Oil filler 36 8ceal, Oil filler 36 8ceal, Oil filler 37 8ceal, Oil filler 38 8ceal, Oil filler 39 8ceal, Oil filler 30 8cea, Oil f				·
24 28540 25 34313 26 33951A Tube, Oil filler 27 33590 "O" Ring 28 27677A 29 650451 Screw, 1/4-20 x 1-"(Use as required) 29 650488 Screw, 1/4-20 x 1-"(Use as required) 32 33554A Gasket, Cylinder head 33 33016A Head, Cylinder (Incl. 35) Washer (Not used on late production) 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 6021A Screw, 5/16-18 x 1-1/2" (Use as required) 37 33636 Resistor Spark Plug (RJ-8C) 38 31619A Srew, 5/16-18 x 1-1/2" (As req;not w /650691) Resistor Spark Plug (RJ-8C) 40 31410 Element, Breather 45 650128 Gasket, Intake 46 33673A Freather 47 33669 Fipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" Link, Governor-to-throttle Lever, Governor (Incl. 67) Baffle, Blower housing				
25 34313				
26       33951A       Tube, Oil filler         27       33590       "O" Ring         28       27677A       * Gasket, Cylinder cover         29       650481       Screw, 1/4-20 x 1" (Use as required)         32       33554A       Gasket, Cylinder head         33       33016A       Head, Cylinder (Incl. 35)         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)         35       650865       Screw, 5/16-18 x 1-1/2" (Use as required)         36       6021A       Screw, 5/16-18 x 2" (Use as required)         37       33636       Resistor Spark Plug (RJ-8C)         38       31619A       Screw, 5/16-18 x 1-1/2" (As req;not w /650691)         39A       31337A       Breather Ass'y. (Incl. 38 & 40)         40       31410       Element, Breather         45       650128       Screw, 1/4-20 x 1-3/8"         47       33669       Pipe, Intake         48       30646       Screw, 1/4-20 x 1-3/8"         49       31858       Link, Governor-to-throttle     <				·
27 33590 28 27677A 29 650451 29 650451 30 Screw, 1/4-20 x 1" (Use as required) 31 33554A 32 33554A 33 33016A 34 26073 35 650691 35 650694A 36 5650818 37 650818 38 650865 39 6021A 39 31619A 317 33636 31619A 317 38639 31869 48 30646 3187 3678 31868 30646 307 878 378 3187 3187 3188 3188 30646 307 878 308 9 FIGH 378 308 1679 308 31334 309 600 900 900 900 900 900 900 900 900 9				
28       27677A       * Gasket, Cylinder cover         29       650451       Screw, 1/4-20 x 1" (Use as required)         29       650488       Screw, 1/4-20 x 1-1/4" (Use as require d)         32       33554A       Gasket, Cylinder (Incl. 35)         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)         35       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 Assy. (Incl. 38 & 40)         40       31410       Element, Breather         45       650128       Screw, 10-24 x 1/2"         46       33673A       * Gasket, Intake (1/32" thick)         47       33669       Pipe, Intake         48       30646       Screw, 1/4-20 x 1-3/8"         49       31858       Link, Governor-to-throttle         60       33302       Lever				
29 650451 29 650488 31 Screw, 1/4-20 x 1" (Use as required) 32 33554A 33 33016A 33 33016A 34 26073 35 650691 35 650694A 36 650691 37 650865 38 650818 39 650865 30 6021A 31 333636 31619A 31837A 31837A 3184 31858 31858 31858 31858 31858 31858 32 Screw, 1/4-20 x 1" (Use as required) 32 G50488 32 Screw, 5/16-18 x 2" (Use as required) 33 66046 33302 34 (1/4-20 x 1-1/2") 35 (1/4-20 x 1-1/2") 36 (1/4-20 x 1-1/2") 37 (1/4-20 x 1-1/2") 38 (1/4-20 x 1-1/2") 39 (1/4-20 x 1-1/4") 30 (1/4-20 x 1-1/4"				• • • • • • • • • • • • • • • • • • •
29 650488 Screw, 1/4-20 x 1-1/4" (Use as requir ed) 32 33554A Gasket, Cylinder head 33 33016A Head, Cylinder (Incl. 35) 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 6021A Screw, 5/16-18 x 2" (Use as required) 37 33636 Screw, 5/16-18 x 1-1/2" (As req;not w /650691) 37 33636 Resistor Spark Plug (RJ-8C) 38 31619A Screw, 5/16-18 x 1-1/2" (As req;not w /650691) 40 31410 Element, Breather 45 650128 Screw, 10-24 x 1/2" 46 33673A * Gasket, Intake (1/32" thick) 47 33669 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 31858 Link, Governor-to-throttle 60 33302 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing				
32 33554A Gasket, Cylinder head 33 33016A Head, Cylinder( Incl. 35) 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) 36 650818 Screw, 5/16-18 x 1-1/2" (Use as required) 36 6021A Screw, 5/16-18 x 1-1/2" (Use as required) 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 33669 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 31858 Link, Governor-to-throttle 60 33302 Lever, Governor (Incl. 67) 64 33342 Baffle, Blower housing				
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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 1-1/2" (Use as required) 36 6021A Screw, 5/16-18 x 2" (Use as required) 37 33636 Resistor Spark Plug (RJ-8C) 38 31619A Feather 39A 31337A Breather 39A 31410 Element, Breather 45 650128 Screw, 10-24 x 1/2" 46 33673A * Gasket, Intake (1/32" thick) 47 33669 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 31858 Link, Governor-to-throttle 60 33302 Lever, Governor (Incl. 67) 64 33342 Baffle, Blower housing				
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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 Screw, 5/16-18 x 1-1/2" (As req;not w /650691) 37 33636 Resistor Spark Plug (RJ-8C) Screw, 5/16-18 x 1-1/2" (As req;not w /650691) Resistor Spark Plug (RJ-8C) Screw, 10-24 x 1/2" Link, Governor-to-throttle Screw, 1/4-20 x 1-3/8" Link, Governor-to-throttle Lever, Governor Rod, Governor (Incl. 67) Rod, Governor (Incl. 67) Raffle, Blower housing				
35       650818       Screw, 5/16-18 x 1-1/2" (Use as required)         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       33669       Pipe, Intake         48       30646       Screw, 1/4-20 x 1-3/8"         59       31858       Link, Governor-to-throttle         60       33302       Lever, Governor         63A       31334       Rod, Governor (Incl. 67)         64       33342       Baffle, Blower housing				
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       33669       Pipe, Intake         48       30646       Screw, 1/4-20 x 1-3/8"         59       31858       Link, Governor-to-throttle         60       33302       Lever, Governor         63A       31334       Rod, Governor (Incl. 67)         64       33342       Baffle, Blower housing				
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       33669       Pipe, Intake         48       30646       Screw, 1/4-20 x 1-3/8"         59       31858       Link, Governor-to-throttle         60       33302       Lever, Governor         63A       31334       Rod, Governor (Incl. 67)         64       33342       Baffle, Blower housing				
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 33669 Pipe, Intake 48 30646 Screw, 1/4-20 x 1-3/8" 59 31858 Link, Governor-to-throttle 60 33302 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing				
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       33669       Pipe, Intake         48       30646       Screw, 1/4-20 x 1-3/8"         59       31858       Link, Governor-to-throttle         60       33302       Lever, Governor         63A       31334       Rod, Governor (Incl. 67)         64       33342       Baffle, Blower housing				
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45 650128 Screw, 10-24 x 1/2"  46 33673A * Gasket, Intake (1/32" thick)  47 33669 Pipe, Intake  48 30646 Screw, 1/4-20 x 1-3/8"  59 31858 Link, Governor-to-throttle  60 33302 Lever, Governor  63A 31334 Rod, Governor (Incl. 67)  64 33342 Baffle, Blower housing				
46       33673A       * Gasket, Intake (1/32" thick)         47       33669       Pipe, Intake         48       30646       Screw, 1/4-20 x 1-3/8"         59       31858       Link, Governor-to-throttle         60       33302       Lever, Governor         63A       31334       Rod, Governor (Incl. 67)         64       33342       Baffle, Blower housing				•
47 33669 48 30646 5crew, 1/4-20 x 1-3/8" 59 31858 Link, Governor-to-throttle 60 33302 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing				•
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59 31858 Link, Governor-to-throttle 60 33302 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing				•
60 33302 Lever, Governor 63A 31334 Rod, Governor (Incl. 67) 64 33342 Baffle, Blower housing				
63A 31334 Rod, Governor (Incl. 67) 64 33342 Rod, Governor (Incl. 67)				·
64 33342 Baffle, Blower housing				•
50 00000 I 501eW, 1/4-20 X 5/8				·
	60	U3U30 I		JUEW, 1/4-2U X 3/0

Ref #	Part Number	Qty	Description
66 67 68 69	29752 28277 650168 29212 33663C		Nut & Lockwasher Assy., 1/4-28 (As re quired) Pop Rivet (Purchase locally)(Use as r equired) Washer, Flat Washer, Flat 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 82 83 84 85 87 90 92 93 94	30747 650890 27272A 34212 30200 33341 650701 650517 650517 26756 31715 650152 31691 28820 35349 730127		Clip, Spark plug shorting Lockwasher  * Gasket, Air cleaner Bracket, Holddown Screw, 10-24 x 9/16" Extension, Baffle Screw, 8-18 x 7/16" Screw, 1/4-20 x 13/16" Screw, 1/4-20 x 13/16" * Gasket, Carburetor Body, Air cleaner Screw, 8-32 x 3/8" Bracket, Air cleaner Screw, 10-32 x 1/2" Ground Wire Air Cleaner Ass'y. (Incl.76,76A,90A,91A,92,93,94, & 221A)(Use as required)
105 106 107 108 109 113 115	28458 30590A 30574 30591 30588A 29193 650751 410144B 33032		Bearing, Ball Washer, Flat Shaft, Mechanical governor Gear Assy.,Governor (Incl. 105) Spool Governor Ring, Retaining Screw, 1/4-20 x 7/16" Fuel Cap (Std.)(Wh.Plastic)(1-1/2" I. D.) Fuel Cap (Red Plastic)(1-3/16" I.D.) (Spurt resistant, Low profile)
118 118 119 121 122 123 129 130 139 140 140 140D 181 182	34210  29774 30795 30962 28819 29745 650128 26460 650489 27276 33670A 650561 30063 650628A 26073 33356 28545 650760 650548		Fuel Cap (Red Plastic)(1-3/16" I.D.) (Spurt resistant, High profile)  Line, Fuel (Braided 8.25") Line, Fuel (Braided 32") Spring, Fuel line (Use as required) Extension, Blower housing Screw, 10-24 x 1/2" Clamp, Fuel line (Use as required) Screw, 1/4-20 x 5/8" Cover, Spark plug * Gasket, Muffler Screw, 1/4-20 x 1/2" (Use as required ) 5/16-18 x 2-3/8" Washer, flat Terminal, Ground Grommet, Plastic Screw, 8-32 x 3/8" Screw, 8-32 x 5/16"

Ref #	Part Number	Qty	Description
201	610973		Terminal Assy. (Use as required)
202	33857		Spring Assy. (Used in late production )
202A	32923		Spring, Torsion (Used in early production)
203	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)
204	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)
207	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
	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
	631021		Inlet Needle, Seat & Clip Assy.
244	631703		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 *)



Ref #	Part Number	Qty	Description
13	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)
139	33670A		* Gasket, Muffler
140	650561		Screw, 1/4-20 x 5/8"
140	30063		Screw, 1/4-20 x 1/2" (Use as required )
141D	391026		Muffler (Incl. 143, 144 & 145) (This spark arrester mufflercan
			be used on any model.)
141A	33698		Muffler (Spark Arresting)(In.143,144, 145)
143	33323		Screen, Muffler
144	33700		Cover & Tube, Muffler
145	650578		Screw, 8-18 x 3/8"
157	730165		Muff.Adapter Kit (Incl.139,140)(As re quired)
201	610973		Terminal Assy. (Use as required)
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)



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"
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
195	29642		Ring, Retaining
196	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