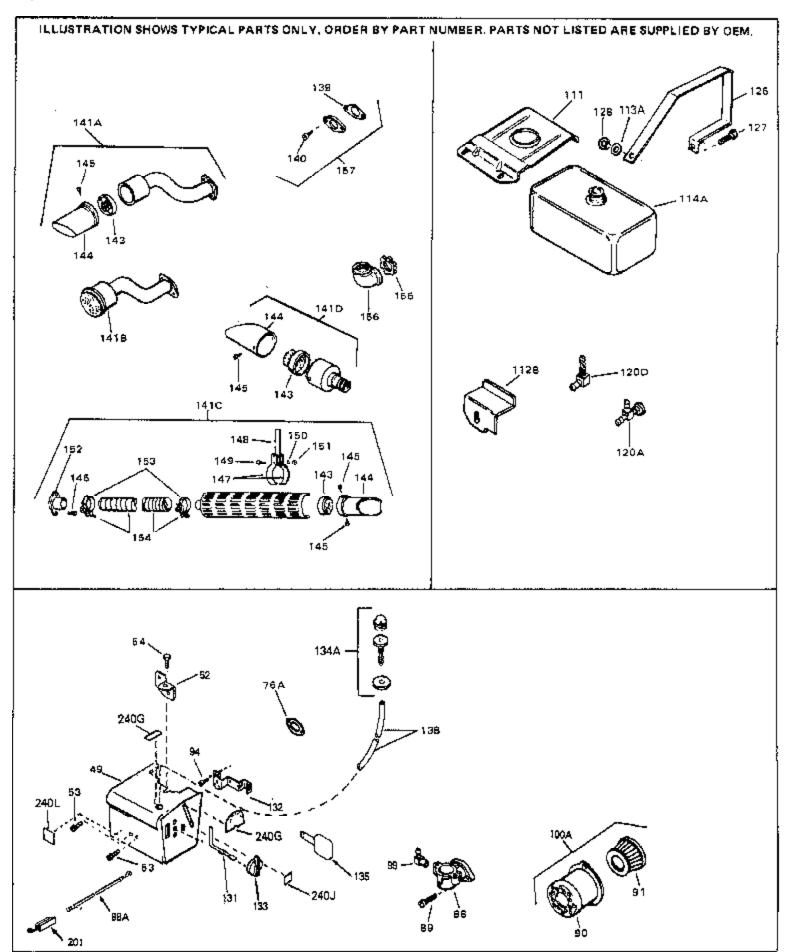


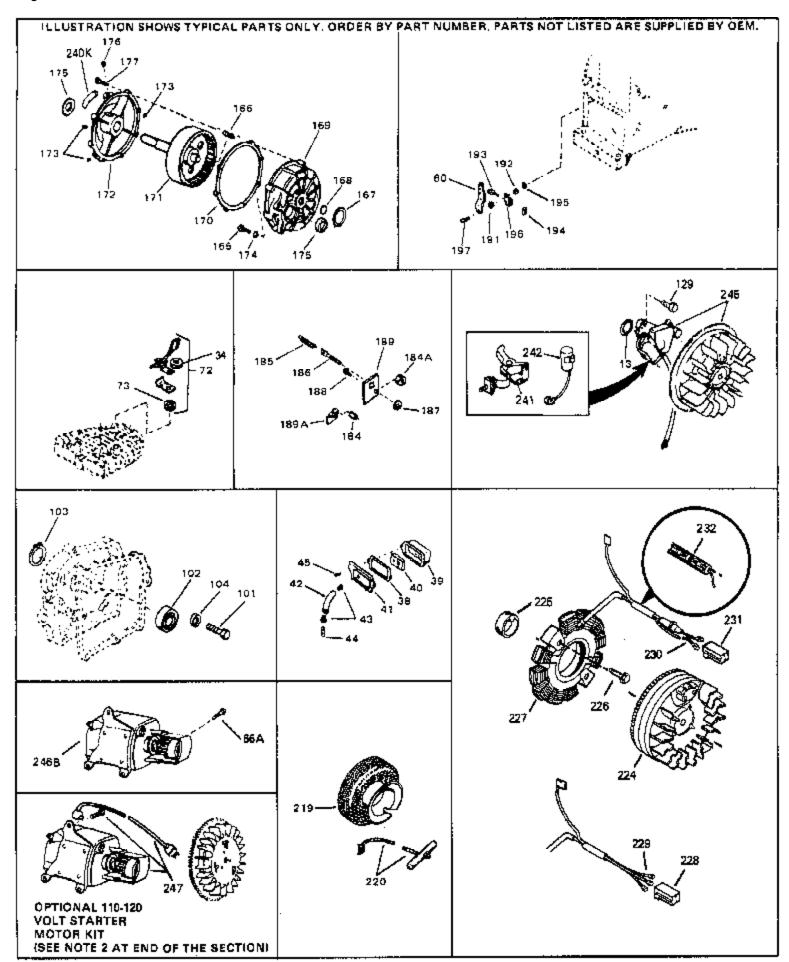
1 33674B	Ref #	Part Number	Qty	Description
2 267277 3 27642 4 22600 5 26142 4 22600 5 26144 5 262645 5 263446 5 26313C 6 28313C 6 28313C 6 28313C 6 28313C 7 2			,	
3 27642 4 32600 5 32644A 1 32600 5 32645A 1 intake Valve (Std.) (Ind. 9) 1 intake Valve (ISd.) (Ind. 9) 6 29313C Eshaust Valve (ISd.) (Ind. 9) 8 31672 9 31673 Cap. Lover Valve (ISd.) (Ind. 9) 8 31673 Cap. Lover Valve (ISd.) (Ind. 9) 9 31673 Cap. Lover Valve (ISd.) (Ind. 9) 1 34728 1 3 33876 Cap. Lover Valve Spring Key Flywheel Cararkshaft (Ind. 24) 1 3 33876 Gasket, Stator 1 4 34536B Piston & Pin Assiy, (Std.) (Ind. 16)(2- 13/16") 1 4 34536 Piston & Pin Assiy, (Std.) (Ind. 16)(2- 13/16") 1 4 34536 Piston & Pin Assiy, (OTO 'OS) (Ind. 16) 1 4 34537 Piston & Pin Assiy, (OTO 'OS) (Ind. 16) 1 4 34537 Piston & Pin Assiy, (OTO 'OS) (Ind. 16) 1 5 33587 Piston, Pin & Ring Set (ISd.) (2-13/16" Bore) 1 5 33587 Piston, Pin & Ring Set (ISd.) (2-13/16" Bore) 1 5 33589 Pin Set (ISd.) (2-13/16" Bore) 1 6 32816 Pin Set (ISd.) (2-13/16" Bore) 1 7 32875 Piston, Pin & Ring Set (ISd.) (2-13/16" Bore) 1 8 32810A Piston Pin & Ring Set (ISd.) (2-13/16" Bore) 1 8 32810A Pin Set (ISd.) (2-13/16" Bore) 1 9 32856 Pin Set (ISd.) (2-13/16" Bore) 1 1 2 2721 Pin				
4 32600 Seal, Oil 5 32644A Intake Valve (Std.) (Incl. 9) 6 23313C Exhaust Valve (Std.) (Incl. 9) 6 23313C Exhaust Valve (Std.) (Incl. 9) 8 31672 Sping, Valve (Std.) (Incl. 9) 9 31673 Cap Lower valve spring 10 610961 Ky-Pywheel 11 34728 Orankshaft (Incl. 24) 13 33276 Gasket, Stator 14A 33862B Piston & Pin Assy. (Std.) (Incl. 16) (2- 13/16") 14A 33863B Piston & Pin Assy. (Std.) (Incl. 16) (2- 13/16") 14A 33963B Piston & Pin Assy. (O'D' CS) (Incl. 16) 14 34535 Piston, Pin & Ring Set (Gtd.) (2-13/16" Bore) 14 34535 Piston, Pin & Ring Set (Gtd.) (2-13/16" Bore) 14 34536 Piston, Pin & Ring Set (Gtd.) (2-13/16" Bore) 15 33867 Ring Set (Std.) (2-13/16" Bore) 16 33867 Ring Set (Gtd.) (2-13/16" Bore) 17 32875 Rod Sasy., Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting (Incl. 18 & 20) 19 32654 Dipper, Oil 22 33159 Carshaft 23 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 24 28540 Seal, Oil 28 27677A *Gasket, Cylinder cover 29 650451 Sorew, 14/20 x 1 -1/4" (Use as required) 29 650451 Sorew, 14/20 x 1 -1/4" (Use as required) 30 27625 Pilug, Oil Riller (Incl. 35) 30 3016A Haad, Cylinder (Incl. 35) 30 3016A Haad, Cylinder (Incl. 35) 30 3036A Resistor Spark Play, Oil Riller (Incl. 35) 30 3036A Sorew, 14/20 x 1 -1/4" (Use as required) 31 33036A Resistor Spark Play (R.) 420 x 1 -1/4" (Use as required) 31 33036A Sorew, 5/16-18 x 1 -1/2" (Use as required) 32 65049 Sorew, 5/16-18 x 1 -1/2" (Use as required) 33 60318 Sorew, 5/16-18 x 1 -1/2" (Use as required) 34 650691 Sorew, 5/16-18 x 1 -1/2" (Use as required) 35 60318 Sorew, 5/16-18 x 1 -1/2" (Use as required) 36 60316 Sorew, 14/20 x 1 -1/4" (Use as required) 37 3365 Resistor Spark Play (R.) 480 Covernor (Incl. 47) 38 6066 Sorew, 5/16-18 x 1 -1/2" (Use as required) 39 30666 Sorew, 5/16-18 x 1 -1/2" (Use as required) 46 33673A Resistor Spark Play (R.) 480 Covernor (Incl. 67) 46 33639 Link, Governor (Incl. 67) 46 66 Sose				
5 32645A 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 610961 Key Flywheel 11 34728 Crankshaft (Incl. 24) 13 33976 Gastet, Stator 14A 33652B Piston & Pin Assy, (Std.) (Incl. 16) (2- 13/16") 14A 33653B Piston & Pin Assy, (Jour OS) (Incl. 16) 14 34536 Piston & Pin Assy, (Jour OS) (Incl. 16) 14 34536 Piston & Pin Assy, (Jour OS) (Incl. 16) 14 34537 Piston & Pin Assy, (Jour OS) (Incl. 16) 15 33568 Piston, Pin & Ring Set (1010" OS) 16 33668 Ring Set (Jour OS) 17 32875 Ring Set (Jour OS) 18 32676 Ring Set (Jour OS) 18 32676 Ring Set (Jour OS) 19 32676 Ring Set (Jour OS) 10 32664 Piston Pin Ring Set (Jour OS) 10 32664 Dipper, Oil 11 27241 Lifer, Valve 12 33158 Canshaft 12 30756B Cap Set Oil 13 33976 Ring Set (Jour OS) 14 34537 Piston Pin Reing Set (Jour OS) 16 33661 Ring Set (Jour OS) 17 32875 Rod Assy, Connecting (Incl. 18 & 20) 18 2670A Bick Cornecting Rod 19 32664 Dipper, Oil 10 Lifer, Valve 12 33158 Canshaft 19 32670 Seel, Oil 19 33158 Canshaft 19 32673 Seel, Oil 29 650451 Screw, 144-20 x 1" (Jus as required) 20 7625 Pillon (Incl. 35) 20 327625 Pillon (Incl. 35) 21 33564 Gasket, Oil Ill Pulug 23 33564 Gasket, Oil Ill Pulug 24 33564 Gasket, Oil Ill Pulug 25 33564 Gasket, Oil Ill Pulug 26 33073 Washer (Not used on late production) 26 65061 Screw, 15f-18 x 2" (Use as required) 27 Gasket, Pull Lifer, 1420 x 1" (Use as required) 28 65061 Screw, 15f-18 x 2" (Use as required) 29 65045 Screw, 15f-18 x 2" (Use as required) 20 7625 Pillon (Incl. 35) 20 330764 Screw, 15f-18 x 2" (Use as required) 20 3666 Screw, 15f-18 x 2" (Use as required) 20 3666 Screw, 15f-18 x 2" (Use as required) 20 3666 Screw, 15f-18 x 2" (Use as required) 20 3666 Screw, 15f-18 x 2" (Use as required) 20 3666 Screw, 15f-18 x 2" (Use as required) 20 3666 Screw, 15f-18 x 2" (Use as required) 20 3666 Screw, 15f-18 x 2" (Use as required) 20 3666 Screw, 15f-18 x 2" (Use Courly)(Use as required) 20 3666 Screw, 15f-18 x 2" (Use Courly)(Use a				
5 32645A				·
6 29315C Exhaust Valve (732° OS) (Incl. 9) 6 31672 Spring, Valve 9 31673 Capture Valve (732° OS) (Incl. 9) 9 31673 Capture Valve (732° OS) (Incl. 9) 9 31673 Capture Valve Spring 10 610961 Key Flywheel 11 34728 Cranksheft (Incl. 24) 13 33876 Gasket, Stator 14A 33562B 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. (1010° OS) (Incl. 16) 14A 34536 Piston, Pin & Ring Set (1011° OS) 14 34536 Piston, Pin & Ring Set (1011° 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 (1020° OS) 18 32610A Ring Set (1020° OS) 19 32654 Dipper, Oil 21 272741 Lifter, Valve 22 33158 Canshaft 23 30756B Cornecting Rod 28 27677A *Gasket, Cylinder (Incl. 24, 30, 31 & 1 06) 28 27677A *Gasket, Cylinder (Incl. 24, 30, 31 & 1 06) 28 27677A *Gasket, Cylinder (Incl. 24, 30, 31 & 1 06) 29 32654 Schild Screw, 1/4-20 x 1" (Use as required) 30 27625 Pilon, Oil filling Plug 31 29673 *Gasket, Oil fill plug 32 33554A Gasket, Oil fill plug 33 33016A Head, Cylinder (Incl. 35) 34 650691 Vasher (Use as required) 35 650694A Screw, 1/4-20 x 1-1/4" (Use as required) 36 660694A Screw, 5/16-18 x 2" (Use as required) 37 33636 Rosel Screw, 1/4-20 x 1-1/4" (Use as required) 38 660694 Screw, 5/16-18 x 1-1/2" (Use as required) 39 3316194 *Gasket, Oil fill plug 39 33177A Brather Resolution 39 33177A Brather Resolution 39 33179 40 31410 Element, Breather 39 331374 Brather Resolution 40 33342 Brather 40 33342 Brather 40 33342 Brather 40 3666 Screw, 1/4-20 x 1-38" 41 42 0x 1-38" 42 650691 Screw, 1/4-20 x 1-38" 43 45066 Screw, 1/4-20 x 1-38" 44 500691 Screw, 1/4-20 x 1-38" 45 6506961 Screw, 1/4-20 x 1-38" 46 6506961 Screw, 1/4-20 x 1-38" 47 6506961 Screw, 1/4-20 x 1-38" 48 506961 Screw, 1/4-20 x 1-38" 49 506961 Screw, 1/4-20 x 1-38" 40 506961 Scre				
6 29315C 8 31672 9 31673 10 610961 11 34728 11 33976 12				
8 31672 9 31673 Cap. Lower valve spring 10 610961 11 34728 Cap. Lower valve spring Key Flywheel 11 34728 Can. Lower valve spring Key Flywheel 13 33976 Gasket, Stator Piston & Pin Assy, (Otto' OS) (Incl. 16) 14A 33964B Piston & Pin Assy, (O20' OS) (Incl. 16) 14A 33964B Piston & Pin Assy, (O20' OS) (Incl. 16) 14 34535 Piston, Pin & Ring Set (Std.) (2-13'16' Bore) 14 34536 Piston, Pin & Ring Set (Std.) (2-13'16' Bore) 15 33567 Ring Set (Std.) (2-13'16' Bore) 15 33568 Ring Set (Otto' OS) 15 33568 Ring Set (Otto' OS) 16 20381 Ring, Piston pin retaining 17 32375 Rod Assy, Connecting Rod 20 32654 Dipper, Oil 21 27241 Ufter, Valve 22 33158 23 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 24 22540 25 226777 29 650451 Screw, 14-20 x 1' (Use as required) 29 65048 Screw, 14-20 x 1' (Use as required) 30 27625 Plug, Oil Riller (Incl. 35) 31 29573 Rod Assy, Oll Rod Rod 32 335544 Gasket, Cylinder (Incl. 25) 31 29573 Rod Assy, Connecting (Incl. 35) 32 335540 Rod Set, Oll Rod 33 33016A Rod Rod 34 26061 Rod Rod 35 650861 Rod Rod 36 Screw, 14-20 x 1' (Use as required) Rod 37 660891 Rod 38 33016A Rod 39 33016A Rod 30 37625 Rod 30 37625 Rod 30 37626 Rod 31 33016A Rod 31 33016A Rod 32 76625 Rod 33 33016A Rod 34 26073 Rod 35 650864 Rod 36 8021A Rod 37 80686 Rod 38 80686 Rod 88 806861 Rod 89 806861 Rod 89 806861 Rod 89 806861 Rod 89 806861 Rod 80	6	29313C		Exhaust Valve (Std.) (Incl. 9)
9 31673 10 610981 11 94728 11 33976 11 34728 12 Crankstaft (Incl. 24) 13 33976 14A 33562B 14A 33562B 14A 33563B 14A 33563B 14A 33563B 14A 33564B 14A 34536 15A 33667 15A 33668 16A 33668 16A 32674 16A 32675 16A 33668 17A 32675 18A 33669 18A 32610A 18A	6	29315C		Exhaust Valve (1/32" OS) (Incl. 9)
9 91673 10 610981 11 94728 12 Crankshaft (Ind. 24) 13 33876 14A 335628 14A 335628 14A 335638 14A 335638 14A 335638 14A 335638 14A 335638 15A 35638 16A 356368 16A 356368 17A 356368 18A 356367 18A 356367 18A 33667 18A 33669 18A 3669	8	31672		Spring, Valve
10 610961 11 34728 12 33876 13 33876 14 335638 14 335638 15 6 91ston & Pin Assy , (Std.) (Ind. 16) (2 - 13/16") 14 335638 15 91ston & Pin Assy , (D20" OS) (Ind. 16) 14 34535 14 34536 15 33567 16 3568 17 91ston, Pin & Ring Set (Std.) (2-13/16" Bore) 18 34537 19 15 33568 19 15 33568 19 15 33568 19 15 33568 19 15 33569 10 28 2875 11 28875 12 2875 13 32610 14 34537 15 33568 16 33569 17 32875 18 32610 19 32875 19 32875 19 32875 10 32875 10 32875 10 32875 11 32875 12 32875 13 32610 14 34537 15 33569 16 20391 17 32875 18 32610 18 32610 19 32875 19 32875 10 32875 10 32875 11 32875 12 32875 13 32610 14 32875 15 32690 16 32874 17 32875 18 32610 18 32610 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 328775 19 32875 19 32875 19 328775 19 32				
11 34728 Crankshaft (Incl. 24) 13 33876 Gasket, Stator 14A 33563B Piston & Pin Assy, (Std.)(Incl.16) (2-13/16") 14A 33564B Piston & Pin Assy, (Jo2") OS) (Incl. 16) 14 34536 Piston, Pin & Ring Set (Std.) (2-13/16") 14 34536 Piston, Pin & Ring Set (Jo1") OS) 14 34537 Piston, Pin & Ring Set (Jo1") OS) 15 33567 Piston, Pin & Ring Set (Jo1") OS) 15 33568 Piston, Pin & Ring Set (Jo1") OS) 16 20381 Ring Set (Jo1" OS) 17 32875 Ring Set (Jo1" OS) 18 32610A Pin Assy, Connecting (Incl. 18 & 20) 20 32654 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Carmshaft 23 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 24 26540 Seal, Oil 25 27677A Seal, Oil 26 27625 Plug, Oil filler (Incl. 31) 27625 Plug, Oil filler (Incl. 31) 3 23654 Gasket, Cylinder cover 29 65048B Screw, 1/4-20 x 1*1/4" (Use as required) 3 12 26673 Gasket, Cylinder (Incl. 31) 3 29673 Gasket, Cylinder (Incl. 31) 3 23554A Head, Oylinder (Incl. 35) 3 260994 Screw, 1/4-20 x 1*1/4" (Use as required) 3 3 3016A Head, Cylinder (Incl. 35) 3 4 650691 Screw, 5/16-18 x 2" (Use as required) 3 5 650618 Screw, 5/16-18 x 2" (Use as required) 3 60214 Screw, 5/16-18 x 2" (Use as required) 3 7 33636 Resistor Spark Plug (R.)-BC 3 3 31619A Screw, 5/16-18 x 2" (Use as required) 4 3 34101 Element, Breather 5 3 3666 Screw, 5/16-18 x 2" (Use as required) 5 3 32688 Link, Governor-to-throttle 6 4 3334 Rod Gasket, Cylinder (Incl. 38 & 40) 6 11 Element, Breather 7 3 3666 Screw, 5/16-18 x 2" (Use as required) 8 3 36646 Screw, 5/16-18 x 2" (Use as required) 9 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
13 3876				
14A 33563B				· ·
14A 33663B				·
14A 33564B Piston & Pin Assý. (.020° OS) (incl. 16) 14 34535 Piston, Pin & Ring Set (Std.) (2-13/1 6° Bore) 14 34536 Piston, Pin & Ring Set (.020° OS) 14 34537 Piston, Pin & Ring Set (.020° OS) 15 33567 Ring Set (.020° OS) 15 33568 Ring Set (.010° OS) 16 20381 Ring Set (.010° OS) 16 20381 Ring Set (.010° OS) 17 32875 Ring Set (.020° OS) 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 650451 Screw, 1/4-20 x 1" (Use as required) 29 650458 Screw, 1/4-20 x 1-1/4" (Use as required) 29 650451 Screw, 1/4-20 x 1-1/4" (Use as required) 31 29673 Gasket, Cylinder head 33 33016A Head, Cylinder (Incl. 31) 35 650691 Vassher (Not used on late production) 45 650694 Screw, 5/6-18 x 2" (Use as required) 36 650694 Screw, 5/6-18 x 1-1/2" (Use as required) 37 3636 Resident of the standard of the sta				
14 34536 Piston, Pin & Ring Set (Std.) (2-13/1 6" Bore) 14 34536 Piston, Pin & Ring Set (Jour) "OS) 14 34537 Piston, Pin & Ring Set (Jour) "OS) 15 33567 Ring Set (Std.) (2-13/16" Bore) 15 33568 Ring Set (Std.) (2-13/16" Bore) 15 33568 Ring Set (Jour) "OS) 16 33569 Ring Set (Jour) "OS) 17 32875 Rod Assy., Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 32654 Dipper, Oil 12 127241 Lifter, Valve 12 33158 Camshaft 13 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 14 28540 Seal, Oil 18 27677A "Gasket, Cylinder cover 19 650451 Screw, 1/4-20 x 1" (Use as required) 19 650488 Screw, 1/4-20 x 1" (Use as required) 10 27625 Plug, Oil filler (Incl. 31) 11 29673 "Gasket, Oil filler (Incl. 31) 12 33554A Gasket, Cylinder (Incl. 35) 13 29673 "Gasket, Oil filler (Incl. 31) 14 650691 Vasher (Use as required) 15 650694A Gasket, Oil roused on late production) 16 650691 Vasher (Use as required) 17 33636 Resident Screw, 5/16-18 x 2" (Use as required) 18 650691 Screw, 5/16-18 x 2" (Use as required) 18 650694 Screw, 5/16-18 x 2" (Use as required) 19 65046 Screw, 5/16-18 x 1-1/2" (Lise as required) 19 650695 Screw, 5/16-18 x 1-1/2" (Lise as required) 19 6506965 Screw, 5/16-18 x 1-1/2" (Lise as required) 19 6506965 Screw, 5/16-18 x 1-1/2" (Lise as required) 20 65073 Resistor Spark Plug (RI-8C) 21 8 8 36193 Resistor Spark Plug (RI-8C) 22 8 6 60218 Screw, 5/16-18 x 1-1/2" (Lise as required) 23 8 31619A Screw, 5/16-18 x 1-1/2" (Lise as required) 24 8 8 30646 Screw, 5/16-18 x 1-1/2" (Lise as required) 25 8 500661 Screw, 1/4-20 x 1-38" 26 8 600661 Screw, 1/4-20 x 58" 27 8 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7				
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 (C020" OS) 16 20381 Ring Set (010" OS) 16 20381 Ring, Piston pin retaining 17 32875 Rod Assy., Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 12 27241 Lifter, Valve 19 23158 Camshaft 22 33158 Camshaft 23 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 28 27677A "Gasket, Cylinder cover 29 650451 Screw, 14-20 x 1" (Use as required) 29 650486 Screw, 14-20 x 1" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 "Gasket, Oil fill plug 32 33554A Gasket, Oil fill plug 33 33016A Head, Oil filler (Incl. 35) 34 26073 Washer (Not used on late production) 35 650694A Screw, 5/16-18 x 1-1/2" (Use as required) 36 650691 Screw, 5/16-18 x 2" (Use as required) 37 33636 Screw, 5/16-18 x 2" (Use as required) 38 360865 Screw, 5/16-18 x 2" (Use as required) 39 A 31337A Breather 39 A 31337A Breather 30 A 313410 Element, Breather 30 Breather 30 A 31334 Rod Governor (Incl. 38 & 40) 31410 Element, Breather 32 Corew, 5/16-18 x 1-1/2" (As required) 36 60 31510 Lever, Covernor 36 60 Covernor (Incl. 36) 37 Covernor (Incl. 36) 38 1616 Screw, 1/4-20 x 1-1/2" (As required) 39 A 31337A Breather 30 A 31334 Rod Governor (Incl. 36) 30 Covernor (Incl. 36) 31 Screw, 1/4-20 x 1-1/2" (As required) 32 Covernor (Incl. 36) 33 Screw, 1/4-20 x 1-1/2" (As required) 34 Governor (Incl. 36) 35 Covernor (Incl. 36) 36 Governor (Incl. 36) 37 Covernor (Incl. 36) 38 31619 Rod (Governor (Incl. 36) 39 A 31337 Rod (Governor (Incl. 36) 40 Breather Assy, (Incl. 36) 41 Breather Assy, (Incl. 36) 42 Breather Assy, (Incl. 36) 43 Screw, 1/4-20 x 1-3/8" 44 Lockwasher Assy, (Incl. 36) 45 Covernor (Incl. 47) 46 Covernor (Incl. 47) 47 Covernor (Incl. 47) 48 A 3342 Breather Assy, (Incl. 36) 49 Covernor (Incl. 47) 40 Por River (Purchase locally)(Use as required) 40 Covernor (Incl. 47) 40 Por River (Purchase locally)(Use as required)				
14 34537 Piston, Pin & Ring Set (J020° OS) 15 33567 Ring Set (Std.) (2-13/16" Bore) 15 33568 Ring Set (J010° OS) 15 33568 Ring Set (J010° OS) 16 20381 Ring Set (J020° OS) 17 32875 Rod Assy., Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 25654 Dipper, Oil 12 27241 Lifter, Valve 12 33158 Camshaft 13 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 14 28540 Seal, Oil 15 2650451 Screw, 1/4-20 x 1" (Use as required) 16 26 650488 Screw, 1/4-20 x 1" (Use as required) 17 2673 "Gasket, Cylinder Incl. 31) 17 2673 "Gasket, Oil fill plug 18 23 33554A Gasket, Oil fill plug 18 33 33016A Head, Cylinder (Incl. 35) 18 650691 Washer (Not used on late production) 18 650691 Washer (Not used on late production) 18 650691 Washer (Not used on late production) 18 650691 Screw, 5/16-18 x 2" (Use as required) 18 650691 Screw, 5/16-18 x 2" (Use as required) 18 650691 Screw, 5/16-18 x 1-12" (Use as required) 18 650691 Screw, 5/16-18 x 2" (Use as required) 18 650691 Screw, 5/16-18 x 2" (Use as required) 18 650691 Screw, 5/16-18 x 2" (Use as required) 18 650691 Screw, 5/16-18 x 2" (Use as required) 18 650691 Screw, 5/16-18 x 2" (Use as required) 18 650691 Screw, 5/16-18 x 2" (Use as required) 18 650691 Screw, 5/16-18 x 2" (Use as required) 19 650894 Screw, 5/16-18 x 1-12" (As reqnot w /650691) 19 7 7 3666 Screw, 5/16-18 x 1-12" (As reqnot w /650691) 10 8 7 7 3666 Screw, 5/16-18 x 1-12" (As reqnot w /650691) 10 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				
15 33567 Ring Set (Stc.) (2-13/16" Bore) 15 33568 Ring Set (.010" OS) 16 20381 Ring Set (.020" OS) 18 32610A Ring Set (.020" OS) Ring Set (.020" O	14	34536		Piston, Pin & Ring Set (.010" OS)
15 33568 15 33669 16 20381 17 32875 18 32610A 20 32654 21 27241 21 27241 22 33158 23 30756B 24 28540 25 2664 26 250451 27 27 27 27 27 27 27 27 27 27 27 27 27 2	14	34537		Piston, Pin & Ring Set (.020" OS)
15 33568 15 33669 16 20381 17 32875 18 32610A 20 32654 21 27241 21 27241 22 33158 23 30756B 24 28540 25 2664 26 250451 27 27 27 27 27 27 27 27 27 27 27 27 27 2	15	33567		Ring Set (Std.) (2-13/16" Bore)
15 33569				
16 20381 Ring, Piston pin retaining 17 32875 Rod Assy., Connecting (Incl. 18 & 20) 18 32610A Bott, Connecting Rod 20 32664 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 required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 "Gasket, Cylinder head 43 333564A Gasket, Cylinder head 43 333564A Gasket, Cylinder (Incl. 35) 34 26073 Washer (Not used on late production) 34 26073 Washer (Use as required) 35 650691 Screw, 5/16-18 x 2" (Use as required) 36 56094A Screw, 5/16-18 x 2" (Use as required) 3				
17 32875 18 32610A 20 32654 20 32654 21 27241 21 27241 22 33158 23 30756B 24 28540 25 27677A 29 650451 29 650451 30 27625 29 650483 30 27625 29 650483 30 27625 29 650483 30 27625 30 3016A 30 3016B 30 3				
Bolt, Connecting Rod Dipper, Oil Dippe				
20 32654 21 277241				
21 27241 Lifter, Valve 22 33158 Carnshaft 23 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 24 28540 Seal, Oil 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, Cylinder (Incl. 31) 32 33554A Gasket, Cylinder head 43 33 33016A 4 Head, Cylinder (Incl. 35) 486073 4 26073 Washer (Not used on late production) 34 26073 Washer (Not used on late production) 35 650691 Washer (Use as required) 35 650818 Screw, 5/16-18 x 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" (Use as required) 37 3636 Resistor Spark Plug (RJ-8C) 39A 31337A Breather Ass'y. (Incl. 38 & 40) 48				
22 33158 23 30756B 24 28540 25 27677A 26 50451 27 650488 27 27 27 29 650451 28 27625 29 650488 20 27625 29 650488 30 27625 20 27625 21 29673 32 33554A 33 33016A 33 33016A 34 26073 34 650691 35 650694A 36 650694 37 650865 38 650865 38 650865 38 650865 38 650865 38 650865 38 31619A 39 31337A 39 31637A 39 31637A 39 31637A 39 31637A 39 31640 39 3167 30 3167 31				
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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) 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) 66 Pop Rivet (Purchase locally)(Use as r equired)	35	650865		Screw, 5/16-18 x 2" (Use as required)
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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) 66 Pop Rivet (Purchase locally)(Use as r equired)	63A	31334		Rod, Governor (Incl. 67)
65 650561 Screw, 1/4-20 x 5/8" 66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired) 66 Pop Rivet (Purchase locally)(Use as r equired)				, ,
66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired) 66 Pop Rivet (Purchase locally)(Use as r equired)				
66 Pop Rivet (Purchase locally)(Use as r equired)				
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68 69 70	Part Number 650168 29212 33663C	Qty	Description 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 81 82 83 84 85 87 90 92 93 94 98	30747 650890 27272A 34212 30200 29752 33341 650701 6201 650870 26756 31715 650152 31691 28820 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" * 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)
105 106 107 108 109 110 111 113 114	28458 30590A 30574 30591 30588A 29193 650168 34089 650751 34711 410144B 33032		Bearing, Ball Washer, Flat Shaft, Mechanical governor Gear Assy.,Governor (Incl. 105) Spool Governor Ring, Retaining Washer, Flat Fuel Tank Bracket Screw, 1/4-20 x 7/16" 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)
115	34210		Fuel Cap (Red Plastic)(1-3/16" I.D.) (Spurt resistant, High profile)
118 118 119 121 122 123 129 130 139 140 140D 140D 140C 181	650665 30962 29774 30795 28819 29745 650128 26460 650489 27276 33670A 650561 30063 26073 650628A 33356 28545		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, 1/4-20 x 5/8" Cover, Spark plug * Gasket, Muffler Screw, 1/4-20 x 1/2" (Use as required) Washer, flat 5/16-18 x 2-3/8" Terminal, Ground Grommet, Plastic

Ref #	Part Number	Qty	Description
183	650760		Screw, 8-32 x 3/8"
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)
203	730136A		Control Brkt (Incl.202,202A,204,205,2 06,207)
204	650139		Screw, 8-32 x 1/2" (Use as required)
	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)
207	31342		Compression Spring (Used on late prod uction)
209	28942		Screw, 10-32 x 3/8"
210	27793		Clip, Conduit
211	31426		Spring, Extension
213	650815		Washer, Belleville
214	650816		Nut, Flywheel
217	33668		Screen, Starter
218	34694		Cup, Starter
221	34080		Spacer, Flywheel key
	650872		Stud, Solid State Assy.
	34346		Decal. Instruction
	550223		Decal, Name
	631021		Inlet Needle, Seat & Clip Assy.
244	631702		Carburetor (Incl. 87) (Refer to Division 5, Section A, page 114 for breakdown)
045	C4400E		,
245	611025		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 39 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
90 91 94	33876 31715 30727 28820 730164		Gasket, Stator Body, Air cleaner Element, Air cleaner Screw, 10-32 x 1/2" Air Cleaner Ass'y. (Incl. 76, 90, 91, 92, 93, 94, & 221B) (Use as required)
112B 128 139 140 140	34089 34182 29752 33670A 650561 30063 391026		Fuel Tank Bracket Fuel Tank Bracket Nut & Lockwasher, 1/4-28 * Gasket, Muffler Screw, 1/4-20 x 5/8" Screw, 1/4-20 x 1/2" (Use as required) Muffler (Incl. 143, 144 & 145) (This spark arrester mufflercan be used on any model.)
143 144 145 157 201	33699 33323 33700 650578 730165 610973 611025		Muffler (Spark Arresting)(In.143,144, 145) Screen, Muffler Cover & Tube, Muffler Screw, 8-18 x 3/8" Muff.Adapter Kit (Incl.139,140)(As re quired) Terminal Assy. (Use as required) 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 39 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
	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	611025		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 39 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