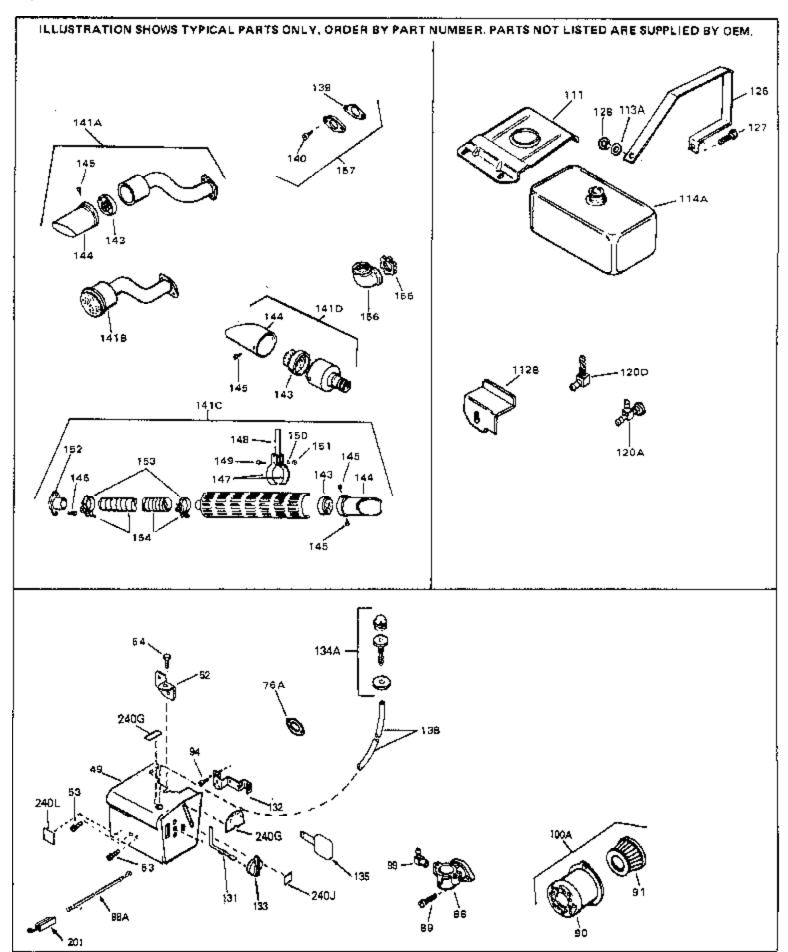


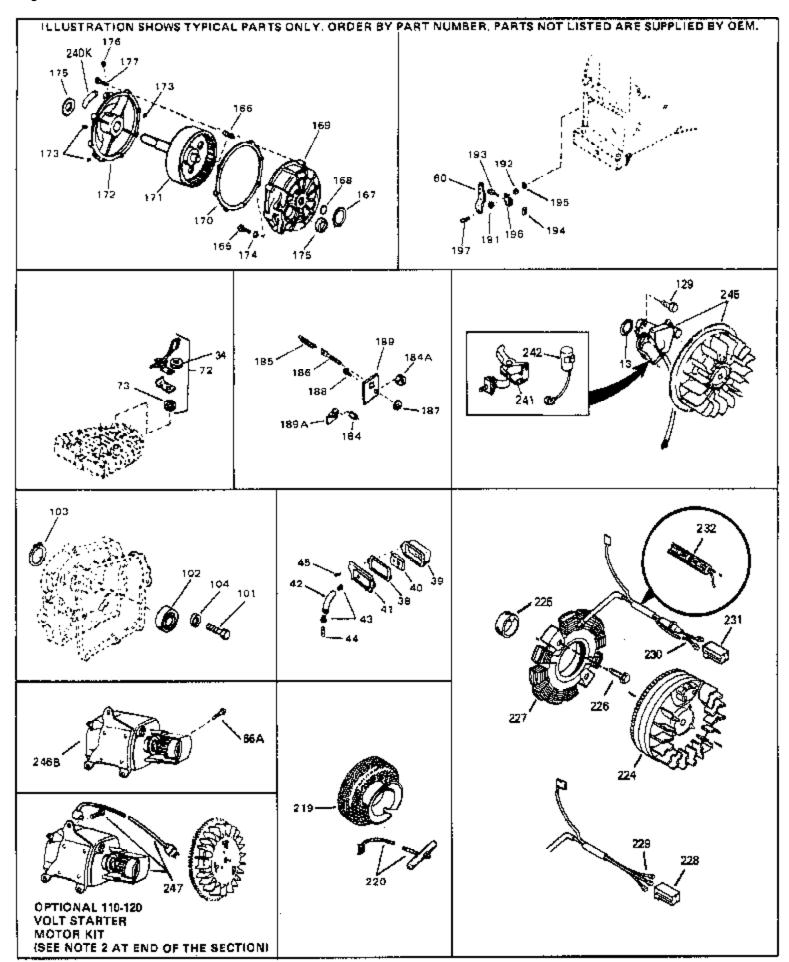
Ref # Part Number				
2 26727 3 27642 4 22600 5 26144 4 22600 5 26144 5 22645A 5 22645A 6 2313C 6 2313C 6 2313C 6 2313C 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			Qty	
3 27642 4 32600 5 32644A 1 32600 5 32645A 1 Intake Valve (Std.) (Ind. 9) 2 Std.) 6 23315C Exhaust Valve (Std.) (Ind. 9) 8 31673 Cap. Lower valve spring 1 0 610961 Key Flywheel Cap. Lower valve spring Key Flywheel Cap. Lower Valve (132" (Std.) (2-13"16" Bore) 1 34536 Piston, Pin & Ring Set (101" OS) 1 43 4536 Piston, Pin & Ring Set (101" OS) 1 43 4537 Piston, Pin & Ring Set (101" OS) 1 43 4536 Piston & Pin Assy, (101" OS) (Ind. 16) Piston & Pin Assy, (101" OS) (Ind. 16) Piston & Pin Assy, (101" OS) Piston & P	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.) (Ind. 9) 6 23315C Exhaust Valve (Std.) (Ind. 9) 8 31672 Spring, Valve 9 31673 Cap, Lower valve spring 10 610961 Ky-Plywheel 11 34747 Crankshaft (Inct. 24) 11 34747 Crankshaft (Inct. 24) 12 34535 Piston, Pin & Ring Set (Std.) (2-13/1 6" Bore) 14 34536 Piston, Pin & Ring Set (Std.) (2-13/1 6" Bore) 14 34537 Piston, Pin & Ring Set (Coto" OS) 14 34538 Piston, Pin & Ring Set (Coto" OS) 14 34536 Piston, Pin & Ring Set (Coto" OS) 14 34536 Piston, Pin & Ring Set (Coto" OS) 14 33963B Piston & Pin Assy, (Coto" OS) (Inct. 16) 15 3366B Piston & Pin Assy, (Coto" OS) (Inct. 16) 16 33366B Piston & Pin Assy, (Coto" OS) (Inct. 16) 16 33368 Ring Set (Coto" OS) 16 20381 Ring Set (Coto" OS) 17 32875 Rod Assy, Connecting (Inct. 18 & 20) 18 32610A Dipper, Oil 20 32664 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Canshaft 23 30756B Cover, Cylinder (Inct. 24, 30, 31 & 1 06) 24 26540 Seal, Oil 29 65048 Screw, 14-20 x 1" (Use as required) 30 27625 Pilog, Oil filler (Inct. 31) 31 29673 Sasket, Cylinder (Inct. 31) 32 33554A Gasket, Cylinder (Inct. 31) 33 33016A Head, Cylinder (Inct. 35) 34 660381 Screw, 14-20 x 1" (Use as required) 35 650865 Screw, 14-20 x 1" (Use as required) 36 660814 Screw, 15-16 as x 12 (Use as required) 37 33836 Ring Set (Inct. 24) Seal, Oil 38 3610A Screw, 15-16 as x 12 (Use as required) 38 66084 Screw, 15-16 as x 12 (Use as required) 39 67625 Pilog, Oil filler (Inct. 31) 39 680945 Screw, 15-16 as x 12 (Use as required) 30 67625 Pilog, Oil filler (Inct. 35) 30 600944 Screw, 5-16-18 x 1-72" (Use as required) 31 3936 Ring Screw, 5-16-18 x 1-72" (Use as required) 31 3937A Besteller Resider 32 30376A Screw, 5-16-18 x 1-72" (Use as required) 31 30366 Screw, 15-16-18 x 1-72" (Use as required) 32 36574 Screw, 15-16 as x 1-72" (Use as required) 33 33316 Pilog, Oil filler (Inct. 35) 34 60091 Screw, 15-16-18 x 1-72" (Use as required) 35 600944 Screw, 15-16-18 x 1-72" (Use as required) 36 600945 Screw,	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.) (Ind. 9) 6 23315C Exhaust Valve (Std.) (Ind. 9) 8 31672 Spring, Valve 9 31673 Cap, Lower valve spring 10 610961 Ky-Plywheel 11 34747 Crankshaft (Inct. 24) 11 34747 Crankshaft (Inct. 24) 12 34535 Piston, Pin & Ring Set (Std.) (2-13/1 6" Bore) 14 34536 Piston, Pin & Ring Set (Std.) (2-13/1 6" Bore) 14 34537 Piston, Pin & Ring Set (Coto" OS) 14 34538 Piston, Pin & Ring Set (Coto" OS) 14 34536 Piston, Pin & Ring Set (Coto" OS) 14 34536 Piston, Pin & Ring Set (Coto" OS) 14 33963B Piston & Pin Assy, (Coto" OS) (Inct. 16) 15 3366B Piston & Pin Assy, (Coto" OS) (Inct. 16) 16 33366B Piston & Pin Assy, (Coto" OS) (Inct. 16) 16 33368 Ring Set (Coto" OS) 16 20381 Ring Set (Coto" OS) 17 32875 Rod Assy, Connecting (Inct. 18 & 20) 18 32610A Dipper, Oil 20 32664 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Canshaft 23 30756B Cover, Cylinder (Inct. 24, 30, 31 & 1 06) 24 26540 Seal, Oil 29 65048 Screw, 14-20 x 1" (Use as required) 30 27625 Pilog, Oil filler (Inct. 31) 31 29673 Sasket, Cylinder (Inct. 31) 32 33554A Gasket, Cylinder (Inct. 31) 33 33016A Head, Cylinder (Inct. 35) 34 660381 Screw, 14-20 x 1" (Use as required) 35 650865 Screw, 14-20 x 1" (Use as required) 36 660814 Screw, 15-16 as x 12 (Use as required) 37 33836 Ring Set (Inct. 24) Seal, Oil 38 3610A Screw, 15-16 as x 12 (Use as required) 38 66084 Screw, 15-16 as x 12 (Use as required) 39 67625 Pilog, Oil filler (Inct. 31) 39 680945 Screw, 15-16 as x 12 (Use as required) 30 67625 Pilog, Oil filler (Inct. 35) 30 600944 Screw, 5-16-18 x 1-72" (Use as required) 31 3936 Ring Screw, 5-16-18 x 1-72" (Use as required) 31 3937A Besteller Resider 32 30376A Screw, 5-16-18 x 1-72" (Use as required) 31 30366 Screw, 15-16-18 x 1-72" (Use as required) 32 36574 Screw, 15-16 as x 1-72" (Use as required) 33 33316 Pilog, Oil filler (Inct. 35) 34 60091 Screw, 15-16-18 x 1-72" (Use as required) 35 600944 Screw, 15-16-18 x 1-72" (Use as required) 36 600945 Screw,	3	27642		Oil Drain Plug
5 32644A				<u> </u>
5 32645A Intake Valve (132" OS) (incl. 9) 6 29315C Exhaust Valve (132" OS) (incl. 9) 6 29315C Exhaust Valve (132" OS) (incl. 9) 8 31672 Spring, Valve 9 31673 Cap. Lower valve spring 10 610961 Key Flywheel 11 34747 Crankshaft (incl. 24) 14 34535 Piston, Pin & Ring Set (Std.) (2-13" 16" Bore) 14 34536 Piston, Pin & Ring Set (Std.) (2-13" 16" Bore) 14 34537 Piston, Pin & Ring Set (Std.) (2-13" 16" Bore) 14 34537 Piston, Pin & Ring Set (20" OS) 14A 33963B Piston, Pin & Ring Set (20" OS) 14A 33963B Piston, Pin & Ring Set (20" OS) 14A 33964B Piston & Pin Assy, (10" OS) (incl. 16) 15 33968 Ring Set (10" OS) 16 33969 Ring Set (10" OS) 16 23381 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 Canshaft 23 30756B Connecting Rod 24 2840 Seal, Oil 25 26777A Gasket, Directing Set (20" Os) 32 6694 Serve, Office (incl. 24, 30, 31 & 1 06) 32 6694 Serve, Office (incl. 24) 33 6957 Gasket, Office (incl. 24) 34 26004 Seal, Oil 35 65048 Screw, 14-20 x 1" (Use as required) 35 65081 Screw, 14-20 x 1" (Use as required) 36 65084 Screw, 14-20 x 1" (Use as required) 37 6686 Screw, 14-20 x 1" (Use as required) 38 66081 Screw, 14-20 x 1" (Use as required) 38 66081 Screw, 16-18 x 1-2" (Use as required) 39 66081 Screw, 16-18 x 1-2" (Use as required) 39 66081 Screw, 16-18 x 1-2" (Use as required) 30 66081 Screw, 16-18 x 1-2" (Use as required) 30 66081 Screw, 16-18 x 1-2" (Use as required) 30 66081 Screw, 16-18 x 1-2" (Use as required) 30 66081 Screw, 16-18 x 1-2" (Use as required) 30 66081 Screw, 16-18 x 1-2" (Use as required) 30 66081 Screw, 16-18 x 1-2" (Use as required) 31 66081 Screw, 16-18 x 1-2" (Use as required) 31 66091 Screw, 16-18 x 1-2" (Use as required) 31 66091 Screw, 16-18 x 1-2" (Use as required) 32 660861 Screw, 16-18 x 1-2" (Use as required) 33 66091 Screw, 16-18 x 1-2" (Use as required) 34 66091 Screw, 16-18 x 1-2" (Use as required) 35 660861 Screw, 16-18 x 1-2" (Use as required) 36 66091 Screw, 16-18 x 1-2" (Use as requ				
6 29313C 6 29315C 8 31672 8 31673 C Spring, Valve 9 31673 C Spring, Valve 9 31673 C Spring, Valve 10 610961 C Spring, Valve 11 34747 C Spring, Valve Piston, Pin & Ring Set (Std.) (2-12/1 6" Bore) Piston, Pin & Ring Set (Jol.) (2-13/1 6" Bore) Piston, Pin & Ring Set (Jol.) (2-13/1 6" Bore) Piston, Pin & Ring Set (Jol.) (2-13/1 6" Bore) Piston, Pin & Ring Set (Jol.) (10 CS) C Spring, Pin & Ring Set (Jol.) (10 CS) C Spring, Pin & Ring Set (Jol.) (10 CS) C Spring, Pin & Ring Set (Jol.) (10 CS) C Spring, Pin & Ring Set (Jol.) (10 CS) C Spring, Pin & Ring Set (Jol.) (10 CS) C Spring, Pin & Ring Set (Jol.) (10 CS) C Spring, Pin & Ring, P				, , , ,
6 29315C Exhaust Valve (1/32° ÖS) (incl. 9) 8 31672 Spring, Valve 9 31673 Cap. Lower valve spring 11 34747 Cap. Lower valve spring 11 34747 Crankshaft (incl. 24) 14 34536 Piston, Pin & Ring Set (010° OS) 14 34536 Piston, Pin & Ring Set (010° OS) 14 34537 Piston, Pin & Ring Set (010° OS) 14 34537 Piston, Pin & Ring Set (010° OS) 14 34538 Piston, Pin & Ring Set (010° OS) 14 34537 Piston, Pin & Ring Set (010° OS) 14 33562B Piston & Pin Assy (010° OS) (incl. 16) 14 33563B Piston & Pin Assy (010° OS) (incl. 16) 15 33568 Piston & Pin Assy (010° OS) (incl. 16) 15 33568 Ring Set (010° OS) 16 33569 Ring Set (010° OS) 16 33569 Ring Set (010° OS) 17 32875 Rod Assy, Connecting (incl. 18 & 20) 18 32610A Bollt, Connecting Rod 19 3264 Dipper, Oil 11 Lifter, Valve 12 33158 Carristal 17 32875 Rod Assy, Connecting (incl. 18 & 20) 18 32610A Bollt, Connecting Rod 19 3264 Dipper, Oil 11 Lifter, Valve 12 33158 Carristal 12 30756B Cover, Cylinder (incl. 24, 30, 31 & 1 06) 18 27677A "Gasket, Cylinder cover 19 650451 Carristal 19 29 650451 Screw, 14-20 x 1 "(Use as required) 19 29 650451 Screw, 14-20 x 1 "(Use as required) 19 29673 "Gasket, Cylinifer (incl. 24) 19 29673 "Gasket, Cylinifer (incl. 25) 19 32669 Screw, 14-20 x 1 "(Use as required) 19 560694A Screw, 516-18 x 1 "(Use as required) 19 60021A Screw, 516-18 x 1 "(Use as required) 19 60021A Screw, 516-18 x 1 "(Use as required) 20 60021A Screw, 516-18 x 1 "(Use as required) 20 60021A Screw, 516-18 x 1 "(Use as required) 20 60021A Screw, 516-18 x 1 "(Use as required) 20 60021A Screw, 516-18 x 1 "(Use as required) 20 60021A Screw, 516-18 x 1 "(Use as required) 20 60021A Screw, 516-18 x 1 "(Use as required) 20 60021A Screw, 516-18 x 1 "(Use as required) 20 60021A Screw, 516-18 x 1 "(Use as required) 21 600266 Screw, 10-24 x 1/2" 22 600366 Screw, 10-24 x 1/2" 23 600366 Screw, 10-24 x 1/2" 34 60026 Screw, 10-24 x 1/2" 35 60026 Screw				
8 31672 Spring, Valve 9 31673 Cap. Lover valve spring 10 610961 Key Flywheel 111 34747 Crankshaft (Incl. 24) Fisher 11 34535 Fisher 11 34535 Fisher 11 34535 Fisher 11 34535 Fisher 11 34537 Fisher 11 345368 Fisher 11 34568 Fisher 11 34568 Fisher 11 34569 Fisher 1				
9 31673 10 610981 11 94747 10 610981 11 94747 12 94747 14 34535 14 34536 14 34536 15 915ton, Pin & Ring Set (Std.) (2-13/1 6" Bore) 14 34536 15 915ton, Pin & Ring Set (Jot.) OS) 14 34536 15 915ton, Pin & Ring Set (Jot.) OS) 14 34536 18 915ton, Pin & Ring Set (Jot.) (Pol. 16) 14 33562B 18 915ton & Pin Assy, (Jot.) (Incl. 16)(2-13/16") 14 33563B 18 915ton & Pin Assy, (Jot.) (Incl. 16)(2-13/16") 15 33568 18 15 33568 19 15ton & Pin Assy, (Jot.) OS) (Incl. 16) 15 33568 18 15 33569 18 15 33569 18 32810A 18 32810A 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 19 32875 20 30756B 20 32954 21 27244 22 33158 23 30756B 24 28540 28 27677A 29 650468 29 650468 20 27625 21 19 19 19 19 19 19 19 19 19 19 19 19 19				, , , ,
10 610961 11 34747 12 34737 13 34747 14 34535 15 Piston, Pin & Ring Set (3td.) (2-13/1 6" Bore) 14 34536 14 34537 14 34536 15 Piston, Pin & Ring Set (010" OS) 14 34537 14 33562B 15 Piston & Pin Assiy, (5td.) (Incl. 16) (2-13/16") 14 33563B 16 Piston & Pin Assiy, (100" OS) (Incl. 16) (2-13/16") 14 33564B 15 33567 15 33568 16 Piston & Pin Assiy, (100" OS) (Incl. 16) (15 33567) 15 33568 16 20381 17 32875 18 32810 18 32810A 20 32854 21 277241 22 33158 23 30756B 24 22540 28 27677A 29 650451 29 650488 20 27625 21 27625 23 30554A 33 3016A 30 27625 21 29673 22 335554A 33 3016A 33 3016A 34 260073 34 650691 35 6506944 35 650691 36 6021A 37 33636 38 1619A 39 31337A 39 Piston & Pin Assiy, (102" OS) 30 Piston & Pin Assiy, (102" OS) 31 Piston & Pin Assiy, (102" OS) 32 Piston & Pin Assiy, (100" OS) 33 Piston & Pin Assiy, (100" OS) 34 Piston & Pin Assiy, (100" OS) 35 Piston & Pin Assiy, (100" OS) 36 Piston & Pin Assiy, (100" OS) 37 Piston & Pin Assiy, (100" OS) 38 Piston & Pin Assiy, (100" OS) 39 Piston & Pin Assiy, (100" OS) 30 Piston & Pin Assiy, (100" OS) 30 Piston & Pin Assiy, (100" OS) 31 Piston & Pin Assiy, (100" OS) 32 Piston & Pin Assiy, (100" OS) 33 Piston & Pin Assiy, (100" OS) 34 Piston & Pin Assiy, (100" OS) 35 Piston & Pin Assiy, (100" OS) 36 Piston & Pin Assiy, (100" OS) 37 Piston & Pin Assiy, (100" OS) 38 31619A 39 31337A 39 Piston & Pin Assiy, (100" OS) 30 Piston				•
11 34747 Crankshaft (Incl. 24) 14 34535 Piston, Pin & Ring Set (Std.) (2-13/1 6" Bore) 14 34536 Piston, Pin & Ring Set (O10" OS) 14 34537 Piston, Pin & Ring Set (CD2" OS) 14A 33562B Piston, Pin & Ring Set (CD2" OS) 14A 33563B Piston & Pin Assy. (Std.) (Incl. 16)(2-13/16") 14A 33563B Piston & Pin Assy. (CD2" OS) (Incl. 16) 15 33567 Piston & Pin Assy. (CD2" OS) (Incl. 16) 15 33568 Piston & Pin Assy. (CD2" OS) (Incl. 16) 15 33569 Piston & Pin Assy. (CD2" OS) (Incl. 16) 16 33569 Ring Set (O10" OS) 17 32675 Rod Assy. Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 32654 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Camshaft 23 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 24 22540 Seal., Oil 28 27677A Set One Set Office Cover 29 650481 Screw, 1/4-20 x 1" (Use as required) 30 27625 Pilog, Oil filler (Incl. 31) 29 650488 Screw, 1/4-20 x 1" (Use as required) 31 29673 Gasket, Oil/inder head 33 33016A Gasket, Oil/inder head 34 26073 Washer (Not used on late production) 34 650691 Washer (Use as required) 35 650691 Washer (Use as required) 36 60081A Screw, 5/16-18 x 2" (Use as required) 37 3666 Screw, 5/16-18 x 1-1/2" (Use as required) 38 31619A Screw, 5/16-18 x 1-1/2" (Use as required) 39 3337A Breather 30 3334 Rod Screw, 5/16-18 x 1-1/2" (Use as required) 30 37636 Resistor Spaft Plug (RJ-8C) 31 3337A Breather 31 3334 Rod Governor (Incl. 42) x 1-1/4" (Use as required) 38 1619A Screw, 5/16-18 x 1-1/2" (Use as required) 39 3337A Breather 30 3334 Rod Governor (Incl. 67) 48 3342 Breather 48 30646 Screw, 5/16-18 x 1-1/2" (Use as required) 49 3342 Breather 40 31410 Element, Breather 50 32688 Link, Rowenor-ot-hottell 50 50061 Screw, 1/4-20 x 1-3/8" 500661 Screw, 1/4-20 x 1-3/8" 500679 Screw, 1/4-20 x 1-3/8" 500661 Screw, 1/4-20 x 1-3/8" 500661 Screw, 1/4-20 x 1-3/8" 500661 Screw, 1/4-20 x 1-3/8"				
14 34536 Piston, Pin & Ring Set (Std.) (2-13/1 6" Bore) 14 34537 Piston, Pin & Ring Set (J010" OS) 14 34537 Piston, Pin & Ring Set (J010" OS) 14A 33562B Piston & Pin Assy, (Std.) (Incl. 16) (2-13/16") 14A 33563B Piston & Pin Assy, (J010" OS) (Incl. 16) 15 33567 Piston & Pin Assy, (J010" OS) (Incl. 16) 15 33567 Ring Set (Std.) (2-13/16" Bore) 15 33568 Ring Set (J010" OS) 16 20381 Ring Set (J010" OS) 16 20381 Ring Piston in retaining 17 32875 Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Bott, Connecting Rod 19 32654 Dipper, (Oil 12 27241 Lifter, Valve 12 33158 Cambalt 12 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 12 4 28540 Seal, (Oil 12 27677A "Gasket, Cylinder cover 12 9 650451 Screw, 1/4-20 x 1" (Use as required) 19 650488 Screw, 1/4-20 x 1" (Use as required) 19 650488 Screw, 1/4-20 x 1" (Use as required) 19 2650451 Gasket, Oil fill plug 19 33554A Gasket, Oil fill plug 19 33554A Gasket, Oil fill plug 19 35 650691 Washer (Use As required) 19 650691 Washer (Use As required) 19 650691 Screw, 5/16-18 x 2" (Use as required) 19 650691 Screw, 5/16-18 x 2" (Use as required) 19 650691 Screw, 5/16-18 x 2" (Use as required) 19 650691 Resistor Office (Incl. 35) 19 3337A Resistor (Incl. 36) 19 3337A Resistor (Incl. 37) 19 344 Cover (Incl. 36) 19 345 Cover (Incl. 37) 19 345 Cover (Incl. 37) 19 345 Cover (Incl. 38) 19 347 Cover (Incl. 38) 19 348 Cover (Incl. 38) 19 349 Cover (Incl. 38) 19 340 Cover (Incl. 38) 19 340 Cover (Incl. 38) 19 3410 Element, Breather 19 34110 Element, Breather 19 341334 Rod (Governor (Incl. 67) 19 3410 Element, Breather 19 341334 Rod (Governor (Incl. 67) 19 3410 Element, Breather 19 341334 Rod (Governor (Incl. 67) 19 3410 Element, Breather 19 3416 Rod (Governor (Incl. 67) 19 3417 Element (Incl. 24) 19 3418 Rod (Governor (Incl. 67) 19 3419 Covernor (Incl. 67) 19 3410 Element, Breather 19 3427 Nut & Lockwasher Assy., 1/4-28 (As re quired) 19 40566 Covernor (Incl. 67) 19 4057 Covernor (Incl. 67) 19 4057 Covernor (Incl. 67) 1				
14 34536 Piston, Pin & Ring Set (1010" OS) 14A 33563 Piston, Pin & Ring Set (2020" OS) 14A 33563B Piston & Pin Assy, (Stid.)(Incl.16) (2- 13/16") 14A 33563B Piston & Pin Assy, (1020" OS) (Incl. 16) 15 33567 Ring Set (Stid.) (2-13/16" Bore) 15 33568 Ring Set (3010" OS) 15 33569 Ring Set (3010" OS) 16 20381 Ring Set (3010" OS) 17 32875 Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 19 32654 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Camshaft 23 30756B Cover, Cylinder (Incl. 24, 30, 31 & 1 06) 28 27677A Casket, Oylinder cover 29 650451 Screw, 1/4-20 x 1" (Use as required) 30 27625 Pilog, Oil filler (Incl. 31) 31 29673 Gasket, Oil fill plug 32 33564A Gasket, Oil fill plug 33 33016A Head, Cylinder (Incl. 36) 34 26073 Washer (Not used on late production) 34 650691 Screw, 1/4-20 x 1" (Use as required) 35 650694A Screw, 516-18 x 2" (Use as required) 36 650694A Screw, 516-18 x 2" (Use as required) 37 33666 Screw, 516-18 x 2" (Use as required) 38 650618 Screw, 516-18 x 2" (Use as required) 39 31337A Resident Screw, 516-18 x 2" (Use as required) 39 31337A Resident Screw, 516-18 x 1-1/2" (Use as required) 30 3134 Casket, Oil fill plug 31 334 Casket, Oil fill plug 32 344 Casket, Oil fill plug 33 33016A Gasket, Oil fill plug 34 650691 Screw, 516-18 x 2" (Use as required) 35 650694A Screw, 516-18 x 2" (Use as required) 36 650694A Screw, 516-18 x 2" (Use as required) 37 36666 Screw, 516-18 x 2" (Use as required) 38 1619A Resident R	11	34747		Crankshaft (Incl. 24)
143 34537	14	34535		Piston, Pin & Ring Set (Std.) (2-13/1 6" Bore)
143 4357 144 33562B 145 7 146 33562B 147 33563B 148 7 148 33563B 148 7 149 1510	14	34536		Piston, Pin & Ring Set (.010" OS)
14A 33562B	14	34537		
14A 33663B				
14A 33564B 15 33567 Ring Set (Std.) (2-13/16" Bore) 15 33568 Ring Set (O10" OS) 16 20361 Ring Set (O10" OS) 17 32875 Ring Set (O20" OS) Ring Set (020" OS) Ring Set (
15 33567 15 33568 16 20381 17 32875 18 32610A 20 32875 18 32610A 20 32654 21 277241 22 33158 23 30756B 24 28540 25 27677A 26 560483 276677A 276655 276677A 28 560481 30 27625 31 29673 31 29673 32 33554A 33 3016A 33 3016A 33 3016A 35 560694A 36 560691 36 560694A 37 33636 38 31619A 39 31337A 40 314410 41 56 50128 40 28564 40 29752 40 16 16 18 11-12" (As required) 40 34410 41 420 31344 420 31344 43 36666 45 29752 46 560666 57 28277 8 Ring Set ((0.20" OS) Ring Set ((0.20				
15 33568 Ring Set (0.10° OS) 16 20381 Ring Set (0.20° OS) 16 20381 Ring Set (0.20° OS) 18 32610A 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" (Use as required) 29 650488 Screw, 1/4-20 x 1" (Use as require d) 20 27625 Plug, Oil filler (Incl. 31) 21 32534 Gasket, Oil fill plug 23 33554A Gasket, Oil fill plug 23 33554A Gasket, Oil fill plug 24 26073 Washer (Not used on late production) 25 650691 Washer (Not used on late production) 26 650818 Screw, 5/16-18 x 2" (Use as required) 27 650865 Screw, 5/16-18 x 2" (Use as required) 28 650865 Screw, 5/16-18 x 1-1/2" (Use as required) 29 6504A Screw, 5/16-18 x 1-1/2" (Use as required) 29 650865 Screw, 5/16-18 x 2" (Use as required) 29 650865 Screw, 5/16-18 x 1-1/2" (Use as required) 20 70 70 70 70 70 70 70 70 70 70 70 70 70				
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Dof #	Dout Ni web ou	Otr. Description
		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 98	30747 650890 27272A 34212 30200 29752 33341 650701 6201 650870 28212 26756 31715 650152 31914 28820 33344 35182 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 113A 114	28458 30590A 30574 30591 30588A 29193 28371B 650805 650675 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 11/16" Washer, Flat 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)
118 118 119 121 122 123 129 139 140B 140A 140 140	650665 30795 30962 29774 28819 29745 650128 26460 650814 33670A 30063 8345 650774 30063 26073 650628A	Screw, 1/4-15 x 7/8" Line, Fuel (Braided 16") Line, Fuel (Braided 32") Line, Fuel (Braided 8.25") 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" * Gasket, Muffler Screw, 1/4-20 x 1/2" Flatwasher, 1/4" Screw, 1/4-20 x 2-3/8" Screw, 1/4-20 x 1/2" (Use as required) Washer, flat 5/16-18 x 2-3/8"

Ref #	Part Number	Qty	Description
141	33697A	-	Muffler (Front Discharge)
196A	31335		Clamp, Governor lever
197	650548		Screw, 8-32 x 5/16"
201	610973		Terminal Assy. (Use as required)
203	33858A		Control Bracket(Incl.201,204,205,206, 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)
207	31342		Compression Spring (Used on late prod uction)
211	31426		Spring, Extension
212	32410		Knob, Speed control
213	650815		Washer, Belleville
214	650816		Nut, Flywheel
217	31585		Screen, Starter
218	34694		Cup, Starter
221	34080		Spacer, Flywheel key
222	650872		Stud, Solid State Assy.
223	34443A		Solid State Assy.
224	611080		Flywheel
240A	550223		Decal, Name
240	34346		Decal. Instruction
240E	35344		Decal, Control
243	631021		Inlet Needle, Seat & Clip Assy.
244	631923		Carburetor (Incl. 87) (Refer to Division 5, Section A, page 140
			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	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	28371B		Fuel Tank Bracket
112B	34182		Fuel Tank Bracket
113A	650675		Washer, Flat
139	33670A		* Gasket, Muffler
140	650774		Screw, 1/4-20 x 2-3/8"
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.)
	730165		Muff.Adapter Kit (Incl.139,140)(As re quired)
201	610973		Terminal 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
197	650548	Screw, 8-32 x 5/16"
219	34788	Pulley, Starter rope
224	611080	Flywheel
225	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