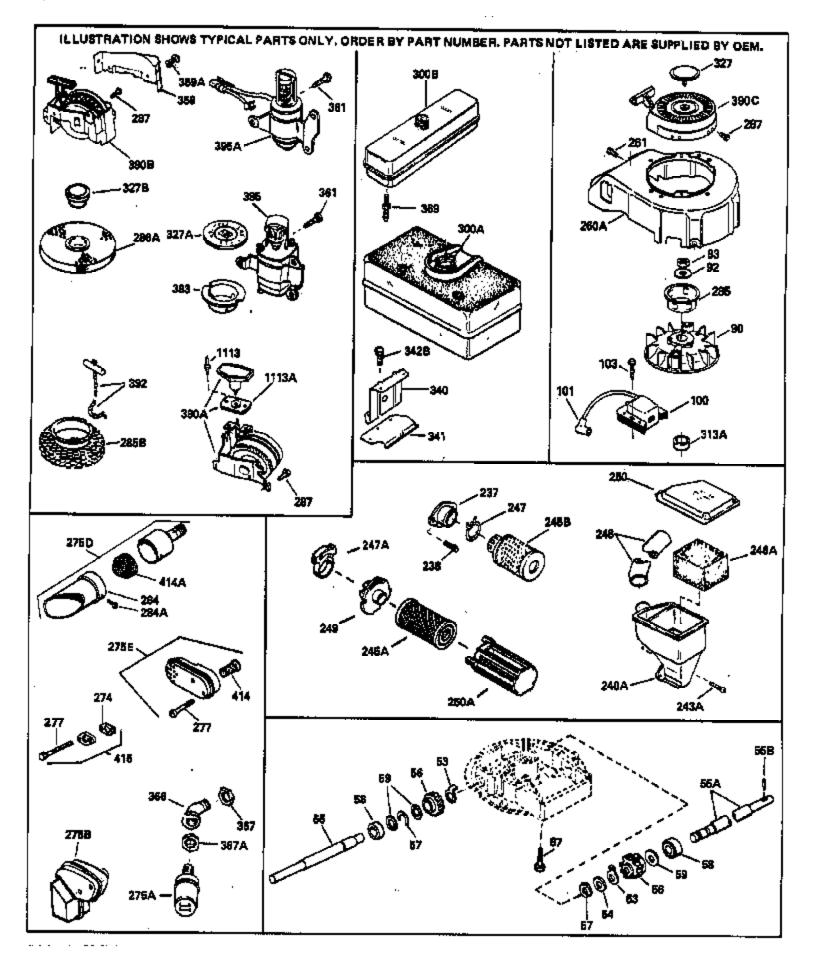


2 26727 Pin, Dowel 6 33734 Element, B 7 34214A Breather A 8 33735 * Gasket, E 9 30200 Screw, 10- 12 33886 Tube, Brea 14 28277 Washer, FI 15 30589 Rod, Govel 16 32651 Lever, Gow 17 31335 Clamp, Go 18 650548 Screw, 8-3 19 31386 Spring, Go 20 32600 Seal, Oil 30 34808 Crankshaft 32 32323 Washer, FI 40 34535 Piston, Pin 40 34535 Piston, Pin 40 34535 Piston, Pin 40 34535 Piston & Pi 41 33662B Piston & Pi 41 33662B Piston & Pi 42 33667 Ring Set (I 42 33667 Ring Set (I 42 33668 Ring Set (I	1
6 33734 Element, B 7 34214A Breather A 8 33735 * Gasket, E 9 30200 Screw, 10- 12 33886 Tube, Brea 14 28277 Washer, FI 15 30589 Rod, Gover 16 32651 Lever, Gow 17 31335 Clamp, Go 20 32600 Setal, Oli 30 34808 Crankshaft 32 32323 Washer, FI required if a proper Mec this. 010" tf 40 34535 9 31366 Spring, Go 30 34808 Crankshaft 32 32323 Washer, Ti required if a proper Mec this. 010" tf 40 34537 9 34536 Piston, Pin 41 33562B Piston & P 41 33564B Piston & P 41 33564B Piston & P 41 33564B Piston & P 42	ncl. 2 & 20) (2-13/16" Bor e)
6 33734 Element, B 7 34214A Breather A 8 33735 * Gasket, E 9 30200 Screw, 10- 12 33886 Tube, Brea 14 28277 Washer, FI 15 30589 Rod, Gover 16 32651 Lever, Gow 17 31335 Clamp, Go 20 32600 Setal, Oli 30 34808 Crankshaft 32 32323 Washer, FI required if a proper Mec this. 010" tf 40 34535 9 31366 Spring, Go 30 34808 Crankshaft 32 32323 Washer, Ti required if a proper Mec this. 010" tf 40 34537 9 34536 Piston, Pin 41 33562B Piston & P 41 33564B Piston & P 41 33564B Piston & P 41 33564B Piston & P 42	
7 34214A Breather A 8 33735 * Gasket, E 9 30200 Screw, 10: 12 33886 Tube, Brea 14 28277 Washer, FI 15 30589 Rod, Govel 16 32651 Lever, Gow 17 31335 Clamp, Go 18 650548 Screw, 8-33 19 31386 Screw, 8-33 19 31386 Screw, 8-33 13 34008 Crankshaft 32 32233 Washer, TI required if a proper Mec proper Mec 40 34535 Piston, Pin 40 34536 Piston, Pin 41 33563B Piston & Pi 41 33564B Piston & Pi 41 33563B Ring Set (J 42 33663 Ring Set (J 42 33663 Ring Set (J 42 33669 Ring Set (J 42 33669 Ring Set (J 43 32610 Boit, Conne <td></td>	
8 33735 * Gasket, E 9 30200 Screw, 10. 12 33886 Tube, Brea 14 28277 Washer, FI 15 30589 Rod, Gove 16 32651 Lever, Gow 17 31335 Clamp, Go 0 1931366 Spring, Go 20 32600 Seal, Oli 30 34808 Crankshaft 32 32323 Washer, TI required if a proper Mec this.010" th 40 34535 Piston, Pin 40 34536 Piston, Pin 40 34536 Piston & Pi 41 33664B Piston & Pi 41 33664B Piston & Pi 42 33669 Ring Set (G 42 33669 Ring Set (G 42 33669 Ring Set (G 42 33659 Ring Set (G 42 33669 Ring Set (G 42 33669 Ring Set (G 43 20381 Ring, Pisto	ss'y. (Incl. 6, 8, 9 & 12)
9 30200 Screw, 10- 12 33886 Tube, Brea 14 28277 Washer, FI 15 30589 Rod, Govel 16 32651 Lever, Gow 17 31335 Clamp, Go 0 1977-75 plugend on 18 650548 Screw, 8-33 19 31386 Spring, Go 20 32600 Seal, Oil 32 32233 Washer, Tr required 17 proper Mec yoper Mec tits: 010" tr 40 34535 Piston, Pin 40 34536 Piston, Pin 40 34537 Piston, Pin 41 33562B Piston & P 41 33562B Piston & P 42 33567 Ring Set (1 42 33568 Ring Set (1 42 33569 Ring, Piston & P 41 33562B Piston & P 42 32683 Ring, Piston	
12 33886 Tube, Brea 14 28277 Washer, FI 15 30689 Rod, Govel 16 32651 Lever, Gow 17 31335 Clamp, Go 0 01977-75 plugend on 18 650548 Screw, 8-33 19 31386 Spring, Go 20 32600 Seal, Oil 30 34808 Crankshaft 32 32323 Washer, Th required if a proper Mec this.010" th 40 34535 9 Piston, Pin 41 40 34537 Piston, Pin 41 33562B Piston & Pi 41 33563B Piston & Pi 41 33564B Piston & Pi 41 33563 Ring Set (I 42 33567 Ring Set (I 43 20381 Ring, Pisto 44 32609 Plate, Lock 46 32610 Bolt, Conne 46 32610 Bolt, Conne	
14 28277 Washer, FI 15 30589 Rod, Gove 16 32651 Lever, Gow 17 31335 Clamp, Go 0 n 1977-76 plugend on 18 650548 Screw, 8-33 19 31386 Spring, Gover, 8-33 20 32600 Seal, Oil 30 34808 Crankshaft 32 32323 Washer, Trequire farmed fa	
15 30589 Rod, Govel 16 32651 Lever, Gow 17 31335 Clamp, Go 0 1977-75 plugend on 18 650548 Screw, 8-33 19 31386 Spring, Go 20 32600 Seal, Oil 30 34808 Crankshaft 32 32323 Washer, Trequired if a proper Mec this.010" th 40 34536 40 34536 Piston, Pin 40 34536 Piston, Pin 40 34536 Piston, Pin 40 34536 Piston & Piston, Pin 41 33564B Piston & Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (J 42 33569 Ring Set (J 43 20381 Ring Set (J 42 33563 Ring Set (J 43 20381 Ring Set (J 43 20381 Ring Set (J 44 32610 Bolt, Conne 45 32610<	
16 32651 Lever, Gove 17 31335 Clamp, Go 0 0 1977-75 plugend on 18 650548 Screw, 8-33 19 31386 Spring, Go 20 32600 Seal, Oil 30 30 34808 Crankshaft 32 32 32233 Washer, Trequired if a proper Macthis. 010" tf 40 34535 Piston, Pin 40 34536 Piston, Pin 40 34537 Piston, Pin 41 33562B Piston & Pi 41 33563B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (I 42 33569 Ring Set (I 42 33569 Ring Set (I 43 20381 Ring, Pisto 45 32675 Rod Assy., 46 32610 Bolt, Conne 46 32610 Bolt, Conne 46 32610 Bolt, Conne 47 32621 "Camshaft </td <td>lat</td>	lat
16 32651 Lever, Gove 17 31335 Clamp, Go 0 0 1977-75 plugend on 18 650548 Screw, 8-33 19 31386 Spring, Go 20 32600 Seal, Oil 30 30 34808 Crankshaft 32 32 32233 Washer, Trequired if a proper Macthis. 010" tf 40 34535 Piston, Pin 40 34536 Piston, Pin 40 34537 Piston, Pin 41 33562B Piston & Pi 41 33563B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (I 42 33569 Ring Set (I 42 33569 Ring Set (I 43 20381 Ring, Pisto 45 32675 Rod Assy., 46 32610 Bolt, Conne 46 32610 Bolt, Conne 46 32610 Bolt, Conne 47 32621 "Camshaft </td <td>rnor (Incl. 14)</td>	rnor (Incl. 14)
17 31335 Clamp, Go 18 650548 Screw, 8-33 19 31386 Spring, Go 20 32600 Seal, Oil 30 34808 Crankshaft 32 32323 Washer, Tr required if a proper Mec proper Mec 40 34535 Piston, Pin 40 34536 Piston, Pin 40 34536 Piston, Pin 40 34536 Piston, Pin 40 34536 Piston, Pin 40 34537 Piston, Pin 41 33562B Piston & Pi 41 33564B Piston & Pi 41 33564B Piston & Pi 42 33569 Ring Set (C 42 33569 Ring Set (C 43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32610 Bolt, Conne 46 32610 Bolt, Conne 46 32610 Bolt, Conne 46 32610 Bolt, Conne	
on 1977-75 plugend on 18 650548 Screw, 8-33 19 31386 Spring, Go 20 32600 Seal, Oil 30 34808 Crankshaff 32 32323 Washer, Tr required if a proper Mec this.010" tf 40 34535 40 34536 Piston, Pin 40 34537 Piston, Pin 40 34536 Piston, Pin 40 34537 Piston & Pi 41 33562B Piston & Pi 41 33564B Piston & Pi 41 33564B Piston & Pi 41 33568 Ring Set (1 42 33569 Ring Set (2 42 33569 Ring Set (1 43 20381 Ring, Pisto 45 32875 Rod Assy, 46A 32609 Plate, Look 41 3154 Caanshaft 52 29914 Pump Ass <td>vernor (Clamp is positioned towardsspark plug end</td>	vernor (Clamp is positioned towardsspark plug end
plugend on 18 650548 Screw, 8-3 19 31386 Spring, Gox 20 32600 Seal, Oil 30 34808 Crankshaft 32 3233 Washer, Tr required if a proper Mec this.010" tf 40 34535 40 34536 Piston, Pin 40 34536 Piston, Pin 40 34537 Piston, Pin 41 33562B Piston & Pi 41 33563B Piston & Pi 41 335664B Piston & Pi 42 33567 Ring Set (J 42 33569 Ring Set (J 42 33569 Ring Set (J 43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32609 Plate, Lock 46A 32610A Bolt, Conne 48 27241 Lifter, Vake 50 3154 Camshaft	
18 650548 Spring, Go 20 32600 Seal, Oil 30 34808 Crankshaft 32 32323 Washer, Trequired if a proper Mec 40 34535 Piston, Pin 40 34535 Piston, Pin 40 34536 Piston, Pin 40 34537 Piston, Pin 40 34536 Piston, Pin 40 34537 Piston & Pi 41 33562B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (3 42 33569 Ring Set (4 42 33569 Ring Set (1 42 33569 Ring Set (1 43 20381 Ring, Piston & Pi 44 33663B Piete, Lock 46 32610 Bolt, Conne 46 32610 Bolt, Conne 46 32610 Bolt, Conne 48 27241 Lifter, Valve	8 and latermodels. It is positioned opposite spark
19 31386 Spring, Go 20 32600 Seal, Oil 30 34808 Crankshaft 32 32323 Washer, Tr required if a proper Mec this .010" tf 40 34535 Piston, Pin 40 34536 Piston, Pin 40 34537 Piston, Pin 40 34537 Piston & Pi 41 33563B Piston & Pi 41 33564B Piston & Pi 41 33564B Piston & Pi 42 33563 Ring Set (1 42 33563 Ring Set (1 42 33564B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (1 42 33568 Ring Set (1 42 33569 Ring Set (1 43 20381 Ring Set (1 45 32875 Rod Assy., 46A 32610 Bolt, Conne 46 32610A Bolt, Conne 48 27241 Lifter, Vake	n earlier models.)
19 31386 Spring, Go 20 32600 Seal, Oil 30 34808 Crankshaft 32 32323 Washer, Tr required if a proper Mec this .010" tf 40 34535 Piston, Pin 40 34536 Piston, Pin 40 34537 Piston, Pin 40 34537 Piston & Pi 41 33563B Piston & Pi 41 33564B Piston & Pi 41 33564B Piston & Pi 42 33563 Ring Set (1 42 33563 Ring Set (1 42 33564B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (1 42 33568 Ring Set (1 42 33569 Ring Set (1 43 20381 Ring Set (1 45 32875 Rod Assy., 46A 32610 Bolt, Conne 46 32610A Bolt, Conne 48 27241 Lifter, Vake	2 x 5/16"
20 32600 Seal, Oil 30 34808 Crankshaft 32 32323 Washer, Tr required if a proper Mec this.010" tf 40 34535 40 34536 Piston, Pin 40 34537 Piston, Pin 40 34537 Piston, Pin 41 33563B Piston & Pi 41 33564B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (I 42 33569 Ring Set (I 42 33569 Ring Set (I 43 20381 Ring, Piston 45 32875 Rod Assy., 46A 32610 Bolt, Conne 46 32610A Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Ass 64 30063 Screw, 1/4 64 30572 Plug, Oil df 73 28833 * Drain Plu <tr< td=""><td></td></tr<>	
30 34808 Crankshaft 32 32323 Washer, Trequired if a proper Meccentric of this .010" the thi	venior
32 32323 Washer, Trequired if a proper Mee this .010" the proper Mee this .010" the second the .010" the	
required if a proper Mec this .010" tf 40 34535 Piston, Pin 40 34537 Piston, Pin 41 33562B Piston & Pi 41 33563B Piston & Pi 41 33564B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (1 42 33569 Ring Set (1 42 33569 Ring Set (1 43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610 Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Assy 64 30063 Screw, 1/4 64A 8345 Washer, FI 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil df 73 28833 * Drain Plut 75 27897 Seal, Oil 80 30574 Shaft, Mech 81 30590A Washer, FI 82 30591 Gear Assy. 83 30588A Spool, Gov 84 29193 Ring, Retai 86 650488 Screw, 1/4	t Ass'y.
required if a proper Mec this .010" tf 40 34535 Piston, Pin 40 34537 Piston, Pin 41 33562B Piston & Pi 41 33563B Piston & Pi 41 33564B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (3 42 33569 Ring Set (4 43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610 Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Assy 64 30063 Screw, 1/4 64A 8345 Washer, Fl 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil df 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Mech 81 30590A Washer, Fl 82 30591 Gear Assy. 83 30588A Spool, Gov 84 29193 Ring, Retai 86 650488 Screw, 1/4	hrust NOTE: This thrust washer maynot be
proper Mec 40 34535 Piston, Pin 40 34536 Piston, Pin 40 34537 Piston, Pin 40 34537 Piston, Pin 41 33562B Piston & Pi 41 33564B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (1 42 33569 Ring Set (1 42 33569 Ring Set (1 43 20381 Ring Set (1 43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610 Bolt, Conne 46 32610A Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Ass 64 30063 Screw, 1/4 64A 8345 Washer, FI 69 35261 * Gasket, M <td>a new crankshafthas been installed. Check the</td>	a new crankshafthas been installed. Check the
this .010" tf 40 34535 Piston, Pin 40 34536 Piston, Pin 40 34537 Piston, Pin 41 33562B Piston & Pi 41 33563B Piston & Pi 41 335664B Piston & Pi 42 33567 Ring Set (S 42 33569 Ring Set (A 42 33569 Ring Set (A 43 20381 Ring, Piston 45 32875 Rod Assy. 46A 32609 Plate, Lock 46 32610 Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Assy 64 3063 Screw, 1/4 643 30572 Plug, Oil dr 73 2833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, FI 82 30588A Spool, Gow 84	chanic's Handbook for acceptable end play. Use
40 34535 Piston, Pin 40 34537 Piston, Pin 40 34537 Piston, Pin 41 33562B Piston & P	hrust washer if excess end play is measured.
40 34536 Piston, Pin 40 34537 Piston, Pin 41 33562B Piston & Pi 41 33563B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (S 42 33568 Ring Set (I 42 33569 Ring Set (I 42 33569 Ring Set (I 43 20381 Ring, Piston 45 32875 Rod Assy., 46A 32610 Bolt, Conne 46 32610 Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Assy 64 30063 Screw, 1/4 64A 8345 Washer, FI 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dt 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30590A Washer, FI <	
40 34537 Piston, Pin 41 33562B Piston & Pi 41 33563B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (S 42 33568 Ring Set (A 42 33569 Ring Set (A 42 33569 Ring Set (A 43 20381 Ring, Piston & Pi 45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610 Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Ass 64 30063 Screw, 1/4 64A 8345 Washer, FI 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil d 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30590A Washer, FI 81 30590A Washer, FI	& Ring Set (Std.) (2-13/1 6")
41 33562B Piston & Pi 41 33563B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (S 42 33568 Ring Set (I 42 33569 Ring Set (I 42 33569 Ring Set (I 43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610 Bolt, Conne 46 32610A Bolt, Conne 46 32610A Bolt, Conne 47 3063 Screw, 1/4 50 33154 Carnshaft 52 29914 Pump Assi 64 30063 Screw, 1/4 64 30663 Screw, 1/4 64 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shatt, Med 81 30590A Washer, FI 82 30591 Gear Assy.	& Ring Set (.010" OS)
41 33563B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (3 42 33568 Ring Set (4 42 33569 Ring Set (4 42 33569 Ring Set (4 42 33569 Ring Set (4 43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610A Bolt, Conne 46 32610A Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Assi 64 30063 Screw, 1/4 643 3063 Screw, 1/4 643 30572 Plug, Oil dr 73 28833 * Drain Plug, Oil dr 73 2897 Seal, Oil 80 30574 <td>& Ring Set (.020" OS)</td>	& Ring Set (.020" OS)
41 33563B Piston & Pi 41 33564B Piston & Pi 42 33567 Ring Set (3 42 33568 Ring Set (4 42 33569 Ring Set (4 42 33569 Ring Set (4 42 33569 Ring Set (4 43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610A Bolt, Conne 46 32610A Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Assi 64 30063 Screw, 1/4 643 3063 Screw, 1/4 643 30572 Plug, Oil dr 73 28833 * Drain Plug, Oil dr 73 2897 Seal, Oil 80 30574 <td>'in Ass'y.(Std)(Incl. 43)(2- 13/16")</td>	'in Ass'y.(Std)(Incl. 43)(2- 13/16")
41 33564B Piston & Pi 42 33567 Ring Set (S 42 33568 Ring Set (I 42 33569 Ring Set (I 42 33569 Ring Set (I 43 20381 Ring, Pisto 43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610 Bolt, Connel 46 32610A Bolt, Connel 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Assy 64 30063 Screw, 1/4 643 3063 Screw, 1/4 644 8345 Washer, FI 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, FI <td>in Ass'y. (.010" OS) (Incl. 43)</td>	in Ass'y. (.010" OS) (Incl. 43)
42 33567 Ring Set (\$ 42 33568 Ring Set (\$ 42 33569 Ring Set (\$ 43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610 Bolt, Conne 46 32610A Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Assy 64 3063 Screw, 1/4 643 3063 Screw, 1/4 643 30572 Plug, Oil dr 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shatt, Med 81 30590A Washer, FI 82 3058A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4	in Ass'y. (.020" OS) (Incl. 43)
42 33568 Ring Set (1 42 33569 Ring Set (1 43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610 Bolt, Connel 46 32610A Bolt, Connel 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Assi 64 30063 Screw, 1/4 643 3063 Screw, 1/4 643 305261 * Gasket, M 70 32612A Flange Assi 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, FI 82 30591 Gear Assy. 83 30588A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4	
42 33569 Ring Set (1 43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610 Bolt, Conne 46 32610A Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Assy 64 30063 Screw, 1/4- 64A 8345 Washer, FI 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug, Oil dr 74 30590A Washer, FI 82 30591 Gear Assy. 83 30588A Spool, Gow 84	
43 20381 Ring, Pisto 45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610 Bolt, Connel 46 32610A Bolt, Connel 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Assy 64 30063 Screw, 1/4- 64A 8345 Washer, FI 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug, Oil dr 73 28833 * Drain Plug, Oil dr 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, FI 82 30591 Gear Assy. 83 30588A Spool, Gow 84 29193 Ring, Retait 86 650488 Screw, 1/4-	
45 32875 Rod Assy., 46A 32609 Plate, Lock 46 32610 Bolt, Conne 46 32610A Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Assy 64 30063 Screw, 1/4- 64A 8345 Washer, Fl 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, Fl 82 30591 Gear Assy. 83 30588A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4-	
46A 32609 Plate, Lock 46 32610 Bolt, Conne 46 32610A Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Ass 64 30063 Screw, 1/4 64A 8345 Washer, FI 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, FI 82 30591 Gear Assy. 83 30588A Spool, Gov 84 29193 Ring, Retai 86 650488 Screw, 1/4	n pin retaining
46A 32609 Plate, Lock 46 32610 Bolt, Conne 46 32610A Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Ass 64 30063 Screw, 1/4 64A 8345 Washer, FI 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, FI 82 30591 Gear Assy. 83 30588A Spool, Gov 84 29193 Ring, Retai 86 650488 Screw, 1/4	, Connecting (Incl. 18)
46 32610 Bolt, Conne 46 32610A Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Ass 64 30063 Screw, 1/4 64A 8345 Washer, FI 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, FI 82 30591 Gear Assy. 83 30588A Spool, Gov 84 29193 Ring, Retai 86 650488 Screw, 1/4	(Do not use with No. 32610A locking type bolt.)
46 32610A Bolt, Conne 48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Ass 64 30063 Screw, 1/4- 64A 8345 Washer, FI 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, FI 82 3058A Spool, Gov 84 29193 Ring, Retai 86 650488 Screw, 1/4-	ecting rod (Early Productio n)
48 27241 Lifter, Valve 50 33154 Camshaft 52 29914 Pump Ass 64 30063 Screw, 1/4- 64A 8345 Washer, Fl 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, Fl 82 3058A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4-	
50 33154 Camshaft 52 29914 Pump Ass 64 30063 Screw, 1/4 64A 8345 Washer, Fl 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, Fl 82 3058A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4	•
52 29914 Pump Assy 64 30063 Screw, 1/4- 64A 8345 Washer, FI 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, FI 82 3058A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4-	<i>;</i>
64 30063 Screw, 1/4 64A 8345 Washer, Fl 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, Fl 82 30588A Spool, Gov 84 29193 Ring, Retai 86 650488 Screw, 1/4	0.1
64A 8345 Washer, Fl 69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, Fl 82 3058A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4	
69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, Fl 82 3058A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4	-20 x 1/2"
69 35261 * Gasket, M 70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, Fl 82 3058A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4	lat 1/4"
70 32612A Flange Ass 72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, Fl 82 3058A Spool, Gow 83 30588A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4	Nounting flange
72 30572 Plug, Oil dr 73 28833 * Drain Plug 75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, Fl 82 30591 Gear Assy. 83 30588A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4-	s'y. (Incl. 72, 75 & 80)
73 28833 * Drain Plu, 75 27897 Seal, Oil 80 30574 Shaft, Mech 81 30590A Washer, Fl 82 30591 Gear Assy. 83 30588A Spool, Gov. 84 29193 Ring, Retai 86 650488 Screw, 1/4-	
75 27897 Seal, Oil 80 30574 Shaft, Med 81 30590A Washer, Fl 82 30591 Gear Assy. 83 30588A Spool, Gov. 84 29193 Ring, Retai 86 650488 Screw, 1/4-	
80 30574 Shaft, Med 81 30590A Washer, Fl 82 30591 Gear Assy. 83 30588A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4-	g Gasket(Not used w/ plastic plug)
81 30590A Washer, Fl 82 30591 Gear Assy. 83 30588A Spool, Gov 84 29193 Ring, Retai 86 650488 Screw, 1/4-	
82 30591 Gear Assy. 83 30588A Spool, Gow 84 29193 Ring, Retai 86 650488 Screw, 1/4-	hanical governor
82 30591 Gear Assy. 83 30588A Spool, Gov. 84 29193 Ring, Retai 86 650488 Screw, 1/4-	at
83 30588A Spool, Gov 84 29193 Ring, Retai 86 650488 Screw, 1/4-	., Governor (Incl. 81)
84 29193 Ring, Retai 86 650488 Screw, 1/4-	
86 650488 Screw, 1/4-	
•	•
xy 610961 Key, Flywh	
92 650815 Washer, B	elleville
93 650816 Nut, Flywhe	eel
101A 27276 Cover, Spa	
103A 650489 Screw, 1/4-	
110 35232 Wire, Grou	

Ref #	Part Number Q	ty Description
119	33554A	* Gasket, Cylinder head
120	33016A	Head, Cylinder (Incl. 131)
125	32644A	Intake Valve (Std.) (Incl. 151) (Inverted Ports)
125	32645A	Intake Valve (1/32" OS) (Incl. 151) (Inverted Ports)
126	29313C	Exhaust Valve (Std.) (Incl. 151) (Inverted Ports)
	29315C	Exhaust Valve (1/32" OS) (Incl. 151) (Inverted Ports)
	26073	Washer, Flat (Not used on late produc tion)
	650691	Washer, Flat (Use as required)
	650818	Screw, $5/16-18 \times 1-1/2$ " (Use as required)
	6021A	Screw, 5/16-18 x 1-1/2" (Use as required)
	650694A	Screw, $5/16-18 \times 2"$ (Use as required)
	33636	
	31671	Plug, Spark (J-8C)
		Upper Cap (Int. & Ex.)(Early Producti on)
	33678	Cap, Upper valve spring (Exhaust)
	31672	Spring, Valve
	31673	Cap, Lower valve spring
	32924	Spring, Compression
	650688	Screw, 10-32 x 1"
	27234A	* Gasket, Valve spring cover
	32755	Cover, Valve spring box
	650128	Screw, 10-24 x 1/2"
	29752	Nut & Lockwasher Assy.
179	30593	Clip, Magneto wire
182	30088A	Screw, 1/4-28 x 1"
184	26756	* Gasket, Carburetor
185	33739	Pipe, Intake
186	34358	Link, Governor spring
200	33155A	Control Assy., Speed (Incl. 206)
201	33150	Bracket, Control
	610973	Terminal Assy. (Use as required)
	34336	Link, Throttle
	30200	Screw, 10-24 x 9/16"
	27793	Clip, Conduit
	28942	Screw, 10-32 x 3/8"
	650142	Screw, 1/4-20 x 1-1/8"
	33751A	* Gasket, Intake
	28820	Screw, 10-32 x 1/2"
	27272A	* Gasket, Air cleaner
	31715	Body, Air cleaner
	31691	•
		Bracket, Air cleaner
	650152	Screw, 8-32 x 3/8"
	730164	Cleaner Kit (Incl. 238 thru 245 & 370 B) (Use as required)
	30727	Element, Air cleaner
260	33738D	Housing, Blower NOTE: Replacement hardware may differ
		when servicing starter assy. or blower housing. Refer to
		Service Bulletin 508.
261	650831	Screw, 1/4-20 x 15/32"
	26754A	* Gasket, Exhaust (Use as required)
	33670A	* Gasket, Exhaust
	34204	Muffler
	30063	Screw, 1/4-20 x 1/2" (Use as required)
	650774	Screw, 1/4-20 x 2-3/8"
	34694	Cup, Starter
	33668	Screen, Starter cup
	29752	Nut & Lockwasher 1/4-28 (Use as required)
	29774	Fuel Line (Braided 8-1/4") (21 cm)
290	30705	Fuel Line (Braided 16") (40 cm)

		Qty Description
292 301 301	33754 26460 410144B 33032 34282	Line, Fuel (Metal 3.360") Clamp, Fuel line Cap, Fuel (Standard) (Use as required) Cap, Fuel (Use as required) "O" Ring (This "O" ring is required with metal fill tube only when replacement mounting flange with .777 dia. oil fill hole has been used.)
312 313 325 325 370	27625 29673 33876 27275 33685 34346 611025	 Plug, Oil filler (Incl. 312) * Gasket, Filler plug Gasket, Stator Clip, Wire retaining Clip, Wire retaining (Early Productio n) Decal, Instruction Magneto NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as show in parts list. (Refer to Division 5, Section B, page 39 or Fiche 6 Frid G-14 for breakdown)
378 379	30547A 30548B 631021 631716	Contact Assy., Breaker Condenser Inlet Needle, Seat & Clip Assy. Carburetor (Incl. 184) (Refer to Division 5, Section A, page 122 or Fiche 6 Grid E-7 for breakdown)
390	590420	Starter, Rewind NOTE: Replacement hardware may differ when servicing starter assy. or blower housing. Refer to Service Bulletin 508. (Refer to Division 5, Section C, page 25 or Fiche 6, Grid G-3 for breakdown)
	33740D 730225	* Gasket Set (Incl. items marked *) SAE 30, 4-Cycle Engine Oil (Quart)



Ref #	Part Number Qty	Description
92	650815	Washer, Belleville
93	650816	Nut, Flywheel
238	28820	Screw, 10-32 x 1/2"
261	650831	Screw, 1/4-20 x 15/32"
274	26754A	* Gasket, Exhaust (Use as required)
274	33670A	* Gasket, Exhaust
275D	391026	Muffler (Incl. 284, 284A & 414A) (This spark arrester mufflercan be used on any model with a 3/4-14 tapped exhaust port.)
	30063	Screw, 1/4-20 x 1/2" (Use as required)
	650774	Screw, 1/4-20 x 2-3/8"
	650578	Screw, 8-18 x 3/8" (Use as required)
	33700	Cover & Tube, Muffler (Use as require d)
	34694	Cup, Starter
287		Pop Rivet(Purchase locally)(Use as re quired)
	33323	Screen, Muffler (Use as required)
	730162	Muffler Adapter Kit (Incl. 121 & 128) (Conventional Ports)
415	730165	Muffler Adapter Kit (Incl. 274 & 277) NOTE: This muffler adapter can be used only on models which haveexhaust port on top (above intake). (Inverted Ports)
1113		Rivet, Open end (Can be purchased loc ally)