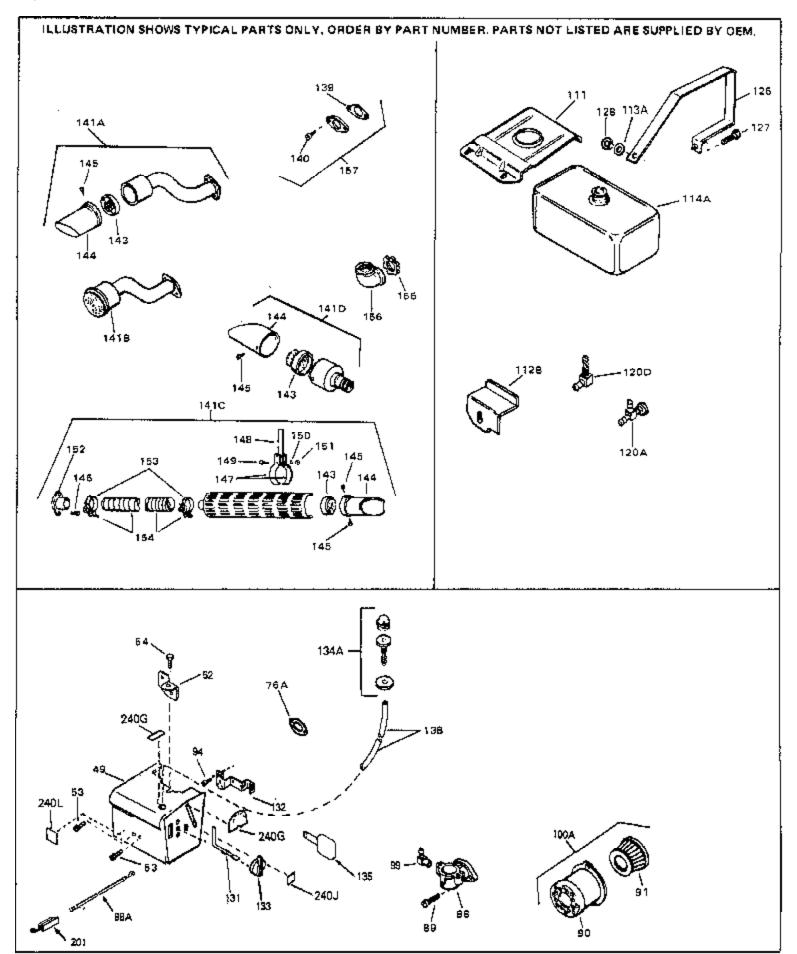


2 26727 Pin, Dowal 3 267642 Oli Drain Plug 3 26582 Oli Drain Plug 4 362800 Scal, Oli 1 3 26445A Intake Valve (1/32' OS) (Incl. 9) 5 2645A Intake Valve (1/32' OS) (Incl. 9) 6 23313C Extraust Valve (1/32' OS) (Incl. 9) 6 23313C Extraust Valve (1/32' OS) (Incl. 9) 8 31672 Spring, Valve 9 31673 Cap, Lower valve spring 10 610961 Key Pywheel 11 34810 Crankshaft 2 32232 Washer, Thrust 14 34536 Piston, Pin & Ring Set (010' OS) 14 34536 Piston, Pin & Ring Set (010' OS) 14 34536 Piston & Pin Assy, (020' OS) (Incl. 16) 14 34536 Piston & Pin Assy, (020' OS) (Incl. 16) 14 34536 Piston & Pin Assy, (020' OS) (Incl. 16) 14 34536 Piston & Pin Assy, (010' OS) 14 34536 Ring Set (32' OS) (Incl. 16) 15 33568 Ring Set (32' OS) 16 20381 Ring Set (32' OS) 17 32875 Rod Assy, Connecting (Incl. 16 & 20) 18 32610A Bolt, Connecting (Incl. 16 & 20) 18 32610			Description
3 26562 OI Drain Plug 3 26562 OI Drain Plug 5 32644A Intake Valve (Std.) (Incl. 9) 5 32645A Intake Valve (Std.) (Incl. 9) 6 23315C Exhaust Valve (Std.) (Incl. 9) 8 31672 Sping, Valve 9 31673 Cap, Lower valve spring 10 610861 Key Flywheel 11 34810 Crankshaft 23223 Washer, Thrust 434535 Piston, Pin & Ring Set (O10° OS) 14 34536 1433662B Piston, Pin & Ring Set (O10° OS) 14A 33662B 1433662B Piston, Pin & Ring Set (O10° OS) 14A 33664B 1533668 Ring Set (O10° OS) 14A 33664B 1533668 Ring Set (O10° OS) 164 33654B 1533668 Ring Set (O10° OS) 1620381 Ring, Set (O10° OS) 163064 Ring, Set (O10° OS) 1620381 Ring Set (O10° OS) 1733656 Rod Assy, Connecting Rod 232			Cylinder (Incl. 2, 3 & 4) (2-13/16" B ore)
3 28582 Oil Drain Pluğ 4 36600 Scal, Oil 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 610961 Kay Flywheel 11 34810 Crankshaft 12 32323 Wrasher, Thrust 13 34635 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 (Std.) (2-13/1 6") 14A 33653B Piston, Pin & Ring Set (Std.) (2-13/1 6") 14A 33653B Piston, Pin & Ring Set (Std.) (2-13/1 6") 14A 33653B Piston, Pin & Ring Set (Std.) (2-13/1 6") 14A 33653B Piston & Pin Assy. (Std.) (Incl. 16) 14A 33654B Piston & Pin Assy. (Std.) (Incl. 16) 14A 33654B Piston & Pin Assy. (Std.) (Incl. 16) 15 33568 Ring, Piston p	2	26727	Pin, Dowel
4 32600 Seal, Oil	3	27642	Oil Drain Plug
5 32645A Intake Valve (Std.) (Incl. 9) 6 23313C Exhaust Valve (Std.) (Incl. 9) 6 23315C Exhaust Valve (Std.) (Incl. 9) 8 31672 Spring, Valve 9 31673 Cap, Lower valve spring 10 610961 Key Flywheel 11 34635 Piston, Pin & Ring Set (J010' OS) 14 34535 Piston, Pin & Ring Set (J010' OS) 14 34536 Piston, Pin & Ring Set (J010' OS) 14A 33663B Piston & Pin Assy. (J010' OS) (Incl. 16) 14A 33663B Piston & Pin Assy. (J010' OS) (Incl. 16) 14A 33663B Piston & Pin Assy. (J010' OS) (Incl. 16) 14A 33663B Piston & Pin Assy. (J010' OS) (Incl. 16) 14A 33663B Piston & Pin Assy. (J010' OS) (Incl. 16) 15 33666B Ring Set (J010' OS) 15 3366B Ring Set (J010' OS) 16 20381 Ring Set (J010' OS) 17 22875 Rod Assy. Connecting Rod 20 23510A Boit, Connecting Rod 21 27241 Lifter, Valve	3	28582	Oil Drain Plug
5 32645A Intake Valve (Std.) (Incl. 9) 6 23313C Exhaust Valve (Std.) (Incl. 9) 6 23315C Exhaust Valve (Std.) (Incl. 9) 8 31672 Spring, Valve 9 31673 Cap, Lower valve spring 10 610961 Key Flywheel 11 34635 Piston, Pin & Ring Set (J010' OS) 14 34535 Piston, Pin & Ring Set (J010' OS) 14 34536 Piston, Pin & Ring Set (J010' OS) 14A 33663B Piston & Pin Assy. (J010' OS) (Incl. 16) 14A 33663B Piston & Pin Assy. (J010' OS) (Incl. 16) 14A 33663B Piston & Pin Assy. (J010' OS) (Incl. 16) 14A 33663B Piston & Pin Assy. (J010' OS) (Incl. 16) 14A 33663B Piston & Pin Assy. (J010' OS) (Incl. 16) 15 33666B Ring Set (J010' OS) 15 3366B Ring Set (J010' OS) 16 20381 Ring Set (J010' OS) 17 22875 Rod Assy. Connecting Rod 20 23510A Boit, Connecting Rod 21 27241 Lifter, Valve	4	32600	Seal, Oil
5 32845A Intake Valve (1/32° OS) (Incl. 9) 6 23313C Exhaust Valve (1/32° OS) (Incl. 9) 8 31672 Spring, Valve 9 31673 Cap, Lower valve spring 10 610961 Key Flywheel 11 34810 Crankshaft 12 32232 Washer, Thrust 14 34535 Piston, Pin & Ring Set (Std.) (Incl. 16) 14 34537 Piston, Pin & Ring Set (Std.) (Incl. 16)(2-13/16°) 14.3 34536 Piston, Pin & Ring Set (Std.) (Incl. 16)(2-13/16°) 14.3 34537 Piston & Pin Assy. (Std.) (Incl. 16)(2-13/16°) 14.3 33664B Piston & Pin Assy. (Std.) (Incl. 16)(2-13/16°) 15.3 33667 Ring Set (Std.) (Incl. 16)(2-13/16°) 15.3 33668 Piston & Pin Assy. (Std.) (Incl. 16) 15.3 33664B Piston & Pin Assy. (Std.) (Incl. 16) 16.2 3367 Ring Set (Std.) (Incl. 16) 17.3 2375 Rod Assy., Connecting (Incl. 18 & 20) 16.2 233158 Camshaft 23.3 Cover, Cylinder (Incl. 24, 29, 30, 31 & 106) 24.2			
6 23313C Exhaust Valve (1/32" CS) (incl. 9) 6 23315C Exhaust Valve (1/32" CS) (incl. 9) 9 31672 Spring, Valve 9 31673 Cap, Lower valve spring 10 610961 Key Flywheel 11 34505 Piston, Pin & Ring Set (Sd.) (2-13'1 6" Bore) 14 34535 Piston, Pin & Ring Set (Sd.) (2-13'1 6" Bore) 14 34535 Piston, Pin & Ring Set (Sd.) (2-13'16" Bore) 14 34537 Piston, Pin & Ring Set (Jd.0" CS) 14A 33562B Piston & Pin Assy (Sd.) (2-13'16" Bore) 14A 33563B Piston & Pin Assy (Cd.0" CS) 14A 33564B Piston & Pin Assy (Cd.0" CS) 15 33568 Ring Set (Cd.0" CS) 15 33568 Ring Set (Cd.0" CS) 16 20381 Ring Set (Cd.0" CS) 17 32875 Rcd Assy, Connecting (Incl. 18 & 20) 18 2610A Bott. Connecting Rod 23 23564 Dipper, Oil 21 27274 Casket. Cylinder (Incl. 24, 29, 3			
6 23315C Exhaust Valve (1/32° CS) (ind. 9) 8 31672 Spring, Valve 9 31673 Cap, Lower valve spring 10 610961 Key Flywheel 11 34810 Crankshat 12 32323 Washer, Thrust 14 34535 Piston, Pin & Ring Set (010° CS) 14 34537 Piston, Pin & Ring Set (010° CS) 14A 33564B Piston & Pin Assy, (Std.) (Incl. 16) (2-13/16°) 14A 33564B Piston & Pin Assy, (Std.) (Incl. 16) (2-13/16°) 15 33566 Ring Set (Std.) (2-13/16° Bore) 15 33568 Ring Set (020° CS) 16 20381 Ring Set (020° CS) 17 32575 Rod Assy, Connecting (Incl. 18 & 20) 18 32510A Boit, Connecting Rod 23 23758 Cover, Cylinder (Incl. 24, 29, 30, 31 & 106) 24 27857 * Gasket, Cylinder (Incl. 24, 29, 30, 31 & 106) 25 Stell, Oli Stell, Oli 21 272657 * Casket, Cylinder (Incl. 31)			
8 31672 Spring, Valve Value 9 31673 Cap, Lower valve spring 10 610961 Kay, Flywheel 11 34810 Crankshaft 12 32323 Washer, Thrust 14 34536 Piston, Pin & Ring Set (010° OS) 14 34536 Piston & Pin Assy, (2010° OS) (Incl. 16) 14A 33562B Piston & Pin Assy, (2010° OS) (Incl. 16) 14A 335638 Piston & Pin Assy, (2010° OS) (Incl. 16) 14A 33564B Piston & Pin Assy, (2010° OS) (Incl. 16) 15 33567 Ring Set (020° OS) 16 20381 Ring Piston pin retaining 17 32875 Rod Assy, Connecting Rod 20 32654 Dipper, Oil 21 27241 Lifter, Valve 22 33163 Carnshat 23 32700A Cover, Cylinder cover 26 Stot451 Screw, 1/4-20 x 1*1(Use as required) 29 560488 Screw, 1/4-20 x 1*1(Use as required) 30			
9 31673 Cap, Lower value spring 10 610961 Kay Flywheel 11 34810 Crankshaft 12 32323 Washer, Thrust 14 34535 Piston, Pin & Ring Set (010" OS) 14 34537 Piston, Pin & Ring Set (010" OS) 14 34537 Piston & Pin Assy, (1010" OS) (Incl. 16) 14A 33562B Piston & Pin Assy, (1010" OS) (Incl. 16) 14A 335638 Piston & Pin Assy, (1010" OS) (Incl. 16) 15 33564B Piston & Pin Assy, (1010" OS) 15 33569 Ring Set (010" OS) 16 20381 Ring Set (020" OS) 17 32875 Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 20 32654 Dipper, Oil 21 27241 Lifter, Valve 23 32700A Cower, Cylinder (Incl. 24, 29, 30, 31 & 106) 24 27897 Seal, Oil 29 650451 Screw, 1/4-20 x 1*(Use as required) 30 <td< td=""><td></td><td></td><td></td></td<>			
10 610861 Key Flywheel 11 34810 Grankshaft 12 25223 Washer, Thrust 14 34536 Piston, Pin & Ring Set (010° OS) 14 34536 Piston, Pin & Ring Set (0.02° OS) 14 34537 Piston, Pin & Ring Set (0.02° OS) 14 33562B Piston & Pin Assy (100° OS) (Incl. 16) 14A 33564B Piston & Pin Assy (1010° OS) (Incl. 16) 14 335659 Ring Set (101° OS) 15 33569 Ring Set (101° OS) 16 20381 Ring Set (100° OS) 17 32875 Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 20 32654 Dipper, Oli 21 27241 Lifter, Valve 22 33158 Carmshaft 23 2000A Cover, Cylinder (Incl. 24, 29, 30, 31 & 106) 24 27897 Seal, Oli 28 Screw, 1/4-20 x 1*1/4 (Use as required) 30 27625 Plug, Oli filler (Incl. 31) <td></td> <td></td> <td></td>			
11 34810 Cränkshaft 12 32323 Washer, Thrust 14 34536 Piston, Pin & Ring Set (J10" OS) 14 34536 Piston, Pin & Ring Set (J10" OS) 144 34537 Piston, Pin & Ring Set (J010" OS) 144 335628 Piston & Pin Assy, (J010" OS) (Incl. 16) 14A 335648 Piston & Pin Assy, (J010" OS) (Incl. 16) 15 33567 Ring Set (J010" OS) 15 33568 Ring Set (J010" OS) 16 20381 Ring, Piston Pin retaining 17 32875 Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 20 32654 Dipper, Oli 21 27241 Lifter, Valve 22 33158 Camshaft 23 32700A Cover, Cylinder for over 26 560451 Screw, 1/4-20 x 1" (Use as required) 24 27897 Seal, Oli 23 3270A Casket, Cylinder nead 33 Screw, 1/4-20 x 1" (Use as required) 34 260488 Screw, 1/4-20 x 1" (Use as re			
12 3233 Washer, Thrust 14 34536 Piston, Pin & Ring Set (Std.) (2-13/16" Bore) 14 34536 Piston, Pin & Ring Set (1010" OS) 144 33562B Piston, Pin & Ring Set (1010" OS) 14A 33562B Piston & Pin Assy, (Std.) (Incl. 16)(2-13/16") 14A 33563B Piston & Pin Assy, (D01" OS) (Incl. 16) 14A 33564B Piston & Pin Assy, (D01" OS) (Incl. 16) 15 33563 Ring Set (J010" OS) 15 33569 Ring Set (J010" OS) 16 20381 Ring Set (J010" OS) 17 32875 Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting (Incl. 18 & 20) 23 32654 Dipper, Oil 21 27241 Lifter, Valve 23 32700A Cover, Cylinder (Incl. 24, 29, 30, 31 & 106) 24 27897 Seal, Oil 29 650451 Screw, 1/4-20 x 1* (1/4" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 26673 "Gasket, Oil filler (Incl. 31) 32 333016A Head, Cy			
14 34535 Piston, Pin & Ring Set (Mt) (2-13/16" Bore) 14 34537 Piston, Pin & Ring Set (1010" OS) 14A 33562B Piston & Pin Assiy, (1010" OS) (Incl. 16) (2-13/16") 14A 33564B Piston & Pin Assiy, (1010" OS) (Incl. 16) 14A 33564B Piston & Pin Assiy, (1010" OS) (Incl. 16) 15 33567 Ring Set (010" OS) 15 33569 Ring Set (010" OS) 16 20331 Ring, Piston pin retaining 17 32875 Rod Assy, Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 20 32654 Dipper, Oil 21 27241 Lifter, Vaive 22 33158 Camshaft 23 32700A Cover, Cylinder cover 29 650451 Screw, 1/4-20 x 1" (Use as required) 20 2650451 Screw, 1/4-20 x 1" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 "Gasket, Cylinder head 33 33016A Head, Cylinder (Ind. 35) 34 650691 Washer (Not used on late produc			
14 34536 Piston, Pin & Ring Set (.010" OS) 14A 33562B Piston, Pin & Ring Set (.020" OS) 14A 33563B Piston & Pin Assy, (Std.)(Incl.16)(2-13/16") 14A 33564B Piston & Pin Assy, (.010" OS) (Incl. 16) 15 33567 Ring Set (.020" OS) (Incl. 16) 15 33568 Ring Set (.020" OS) 15 33569 Ring Set (.020" OS) 16 20381 Ring, Piston pin retaining 17 32875 Rod Assy., Connecting Rod 20 32654 Dipper, Oil 21 272741 Liffer, Valve 23 3158 Camshaft 23 32700A Cover, Cylinder (Incl. 24, 29, 30, 31 & 106) 24 27897 Seal, Oil 28 27677A * Gasket, Oylinder cover 29 650481 Screw, 1/4-20 x 1* (1/4" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 * Gasket, Oylinder head 33 33016A Head, Cylinder (Not used on late production) 34 26073 Washer (Use as required) <t< td=""><td></td><td></td><td></td></t<>			
14 34537 Piston, Pin & Ring Set (020° OS) 14A 33662B Piston & Pin Assy. (Std) (Incl.16) (2-13/16") 14A 33664B Piston & Pin Assy. (Std) (10° OS) (Incl. 16) 15 33567 Ring Set (Std) (2-13/16" Bore) 15 33569 Ring Set (010° OS) 16 20381 Ring Set (020° OS) 17 32675 Rod Assy., Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting (Incl. 18 & 20) 18 32654 Dipper, Oil 21 27241 Lifter, Valve 22 3158 Carnshaft 23 2700A Cover, Cylinder cover 24 27897 Seal, Oil 28 27677A * Gasket, Cylinder cover 29 650451 Screw, 1/4-20 x 1" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 * Gasket, Cylinder head 33 33016A Head, Cylinder (Incl. 35) 34 600691 Washer (Use as required) 35 650818 Screw, 5/16-18 x 1-1/2" (Use as required) 36			
14A 33562B Piston & Pin Assy. (Std.)(Incl. 16)(2- 13/16") 14A 33564B Piston & Pin Assy. (.020" OS) (Incl. 16) 15 33567 Ring Set (Std.) (2-13/16" Bore) 15 33569 Ring Set (010" OS) 15 33569 Ring Set (010" 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, Valve 23 32700A Cover, Cylinder (Incl. 24, 29, 30, 31 & 106) 24 27897 Seal, Oil 25 27677A * Gasket, Cylinder cover 29 650451 Screw, 1/4-20 x 1" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 * Gasket, Oil filler July 33 3016A Head, Cylinder Incl. 35) 34 26073 Washer (Not use on late production) 35 650691 Washer (Not use as required) 35 650694A Screw, 5/16-18 x 2" (Use as required)			· · · · · · · · · · · · · · · · · · ·
14A 33563B Piston & Pin Assy. (.010° OS) (find. 16) 14A 33564B Piston & Pin Assy. (.020° OS) (Incl. 16) 15 335667 Ring Set (Std.) (2.13/16° Bore) 15 33569 Ring Set (.010° OS) 15 33569 Ring Set (.010° OS) 16 20381 Ring, Piston pin retaining 17 32875 Rod Assy., Connecting Rod 20 32654 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Camshaft 23 23700A Cover, Cylinder (Incl. 24, 29, 30, 31 & 106) 24 27897 Seal, Oil 28 26767A * Gasket, Cylinder cover 29 650451 Screw, 1/4-20 x 1*1/4' (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 Gasket, Cylinder head 33 3016A Head, Cylinder head 33 3016A Head, Cylinder head 33 3016A Head, Cylinder head 33 Screw, 5/16-18 x 1*1/2' (Use as required) 35 650818 Screw, 5/16-1			
14A 33564B Piston & Pin Asý. (JQ2' OS) (Incl. 16) 15 33667 Ring Set (Std.) (2-13'16" Bore) 15 33569 Ring Set (JQ2'' OS) 16 20361 Ring, Piston pin retaining 17 32875 Rod Asy., Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 20 32654 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Camshaft 23 32700A Cover, Cylinder (Incl. 24, 29, 30, 31 & 106) 24 27897 Seal, Oil 28 27677A * Gasket, Cylinder (Incl. 24, 29, 30, 31 & 106) 29 650451 Screw, 1/4-20 x 1-1/4" (Use as required) 29 650488 Screw, 1/4-20 x 1-1/4" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 * Gasket, Cylinder head 33 3016A Head, Cylinder lead 33 33016A Head, Cylinder lincl. 35) 34 26073 Washer (Not used on late production) 35 6506914 Screw, 5/16-18 x 1-1/2" (Use as required) <t< td=""><td></td><td></td><td></td></t<>			
15 33567 Ring Set (Std.) ($2^{-1}3'16^{\circ}$ Bore) 15 33568 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, Valve 23 33158 Camshaft 23 23700A Cover, Cylinder (Incl. 24, 29, 30, 31 & 106) 24 27897 Seal, Oil 28 27677A * Gasket, Cylinder cover 29 650451 Screw, 1/4-20 x 1° (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 * Gasket, Oil fill plug 32 33554A Gasket, Cylinder thead 33 33016A Head, Cylinder (Incl. 35) 34 26073 Washer (Not used on late production) 35 6506914 Washer (Not used as required) 35 6506818 Screw, 5/16-18 x 1°/2 (Use as required) 36 6021A Screw, 5/16-18 x 1°/2 (Use as required) <t< td=""><td></td><td></td><td></td></t<>			
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 Boit, Connecting Rod 20 32654 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Camshaft 23 23700A Cover, Clyinder (Incl. 24, 29, 30, 31 & 106) 24 27897 Seal, Oil 28 27677A * Gasket, Clyinder cover 29 650451 Screw, 1/4-20 x 1" (Use as required) 30 27625 Plug, Oil fille (Incl. 31) 31 29673 * Gasket, Cylinder head 33 33016A Head, Cylinder (Incl. 35) 34 26073 Washer (Not used on late production) 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) 36 6021A Screw, 5/16-18 x 2" (Use as required) 36 <td></td> <td></td> <td></td>			
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, Valve 23 33158 Carnshaft 23 32700A Cover, Cylinder (Incl. 24, 29, 30, 31 & 106) 24 27897 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 1-10/4" (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 * Gasket, Oil fill plug 32 33554A Gasket, Oil fill plug 33 3016A Head, Cylinder Incl. 35) 34 26073 Washer (Ive as required) 35 650691 Washer (Use as required) 35 650865 Screw, 5/16-18 x 2" (Use as required) 36 650818 Screw, 5/16-18 x 1-1/2" (Use as required) 36 <t< td=""><td></td><td></td><td>Ring Set (Std.) (2-13/16" Bore)</td></t<>			Ring Set (Std.) (2-13/16" Bore)
1620381Ring, Piston pin retaining1732875Rod Assy., Connecting (Incl. 18 & 20)1832610ABolt, Connecting Rod2032654Dipper, Oil2127241Lifter, Valve2233158Carnshaft2332700ACover, Cylinder (Incl. 24, 29, 30, 31 & 106)2427897Seal, Oil2827677A* Gasket, Cylinder cover29650451Screw, 1/4-20 x 1-1/4" (Use as required)29650488Screw, 1/4-20 x 1-1/4" (Use as required)3027625Plug, Oil filler (Incl. 31)3129673* Gasket, Oil fill plug3233554AGasket, Cylinder (Incl. 35)3426073Washer (Not used on late production)34650691Washer (Use as required)35650865Screw, 5/16-18 x 2" (Use as required)36650818Screw, 5/16-18 x 2" (Use as required)36650865Screw, 5/16-18 x 1-1/2" (Use as required)3665021AScrew, 5/16-18 x 2" (Use as required)3733636Resistor Spark Plug (RL-8C)3827234A* Gasket, Breather4031410Element, Breather4333673A* Gasket, Carewnor44650664Screw, 10-24 x 1/2"4633673A* Gasket, Gasket48650664Screw, 10-22 x 1-19/32"4963673A* Gasket, Governor4031410Element, Breather4363673A* Ga	15	33568	Ring Set (.010" OS)
17 32875 Rod Assy., Connecting (Incl. 18 & 20) 18 32610A Bolt, Connecting Rod 20 32654 Dipper, Oil 21 27241 Lifter, Valve 22 33158 Camshaft 23 32700A Cover, Cylinder (Incl. 24, 29, 30, 31 & 106) 24 27897 Seal, Oil 28 27677A * Gasket, Cylinder cover 29 650451 Screw, 1/4-20 x 1* (Use as required) 30 27625 Plug, Oil filler (Incl. 31) 31 29673 * Gasket, Oil fill plug 32 33554A Gasket, Cylinder Incl. 35) 33 3016A Head, Cylinder (Incl. 35) 34 26073 Washer (Not used on late production) 34 26073 Washer (Use as required) 35 650694A Screw, 5/16-18 x 2" (Use as required) 35 650694A Screw, 5/16-18 x 2" (Use as required) 35 650694A Screw, 5/16-18 x 1-1/2" (Use as required) 36 6021A Screw, 5/16-18 x 1-1/2" (Use as required) 36 6021A Screw, 5/16-18 x 1-1/2" (As reqnot w /65	15	33569	Ring Set (.020" OS)
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60 31510 Lever, Governor 63A 31334 Rod, Governor (Incl. 67)			•
63A 31334 Rod, Governor (Incl. 67)			
			Baffle, Blower housing
65 650561 Screw, 1/4-20 x 5/8"			
66 29752 Nut & Lockwasher Assy., 1/4-28 (As re quired)		29752	
66 Pop Rivet (Purchase locally)(Use as r equired)			Pop Rivet (Purchase locally)(Use as r equired)
67 28277 Washer, Flat	67	28277	Washer, Flat

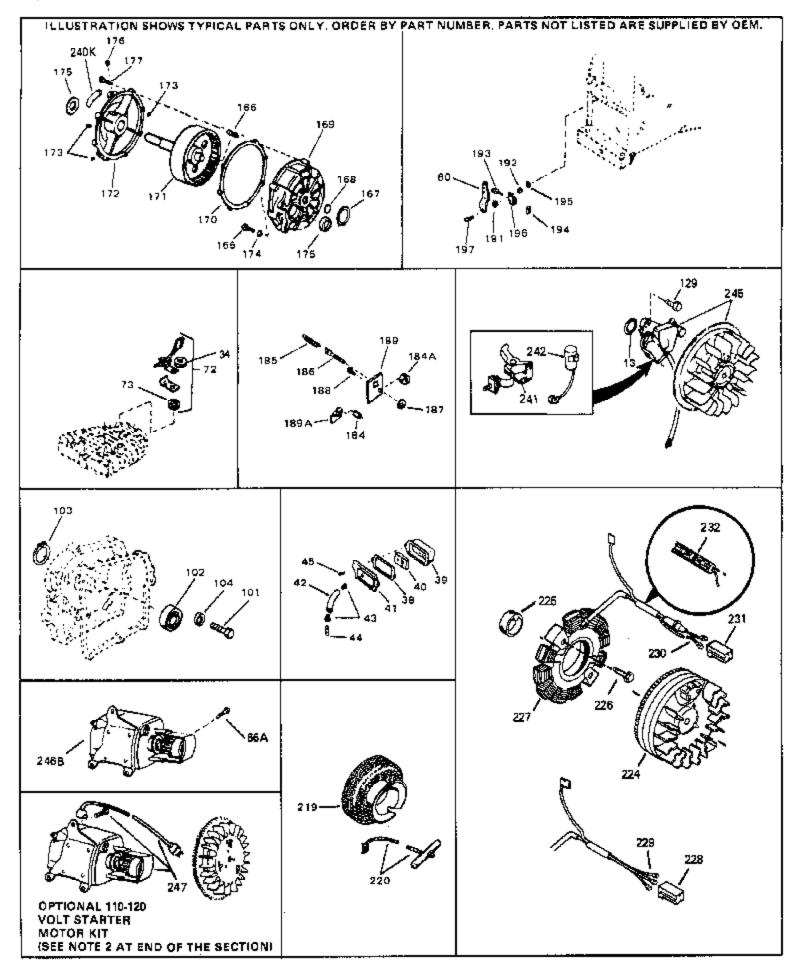
Ref #	Part Number Qt	y Description
68	650168	Washer, Flat
69	29212	Screw, 1/4-28 x 7/16"
70	33663C	Blower Housing (For electric starter) NOTE: In original
		production some starters are riveted to the blower housing.
		Replacement housing has threaded studs. Order four nuts
		(29752) for remounting of starter.
76	27272A	* Gasket, Air cleaner
77	34212	Bracket, Holddown
	30200	Screw, 10-24 x 9/16"
	29752	Nut & Lockwasher Assy., 1/4-28
	33341	Extension, Baffle
	650701	
		Screw, 8-18 x 7/16"
	6201	Screw, 1/4-28 x 7/8"
	650870	Screw, 1/4-28 x 1-11/16"
	28212	Spacer
87	26756	* Gasket, Carburetor
90	31715	Body, Air cleaner
91A	31700	Element, Air Cleaner
	650152	Screw, 8-32 x 3/8"
	31914	Bracket, Air cleaner
	28820	Screw, 10-32 x 1/2"
	33344	Baffle, Heat
	35182	Ground Wire
100	730127	Air Cleaner Ass'y. (Incl.76,76A,90A,91A,92,93,94, &
		221A)(Use as required)
105	30590A	Washer, Flat
	30574	Shaft, Mechanical governor
	30591	Gear Assy., Governor (Incl. 105)
	30588A	
		Spool Governor
	29193	Ring, Retaining
	28371B	Fuel Tank Bracket
	650561	Screw, 1/4-20 x 5/8"
	35584	Fuel Tank (Incl. 115 & 123)
	410144B	Fuel Cap (Std.)(Wh.Plastic)(1-1/2" I. D.)
115	33032	Fuel Cap (Red Plastic)(1-3/16" I.D.) (Spurt resistant, Low
		profile)
	0.404.0	• /
115	34210	Fuel Cap (Red Plastic)(1-3/16" I.D.) (Spurt resistant, High
		profile)
116	650665	Screw, 1/4-15 x 7/8"
	29774	Line, Fuel (Braided 8.25")
	30795	Line, Fuel (Braided 16")
	30962	Line, Fuel (Braided 32")
	28819	Spring, Fuel line (Use as required)
	29745	Extension, Blower housing
	650128	Screw, 10-24 x 1/2"
123	26460	Clamp, Fuel line (Use as required)
129	650814	Screw, 10-24 x1"
	610118	Cover, Spark plug
	33670A	* Gasket, Muffler
	30063	Screw, 1/4-20 x 1/2"
140B		Flatwasher, 1/4"
	26073	Washer, flat
140	650774	Screw, 1/4-20 x 2-3/8"
• · · ·	2010	Screw, 1/4-20 x 1/2" (Use as required)
140		
140C	650628A 33671A	5/16-18 x 2-3/8" Muffler (Side Discharge)

		Description
196A	31335	Clamp, Governor lever
197	650548	Screw, 8-32 x 5/16"
201	610973	Terminal Assy. (Use as required)
203	33879A	Control Brkt(In.201,204,205,206,207,2 09,210)
204	650139	Screw, 8-32 x 1/2" (Use as required)
204	650152	Screw, 8-32 x 3/8" (Use as required)
	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
	31585	Screen, Starter
	34694	Cup, Starter
	34080	Spacer, Flywheel key
	650872	Stud, Solid State Assy.
	34443A	Solid State Assy.
	611080	Flywheel
240B	34612	Decal, Air cleaner
	631021	Inlet Needle, Seat & Clip Assy.
244	632144	Carburetor (Incl. 87) (Refer to Division 5, Section A, page 170 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
88	34609	Elbow, Air cleaner
89	650163	Screw, 10-32 x 7/8"
90	31715	Body, Air cleaner
94	28820	Screw, 10-32 x 1/2"
99	30675	Fitting, Breather tube
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
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.)
157	730165	Muff.Adapter Kit (Incl.139,140)(As re quired)
201	610973	Terminal Assy. (Use as required)

HS50-67192E Engine Parts List #3



Ref #	Part Number Qty	Description
34	26073	Washer (Not used on late production)
34	650691	Washer (Use as required)
38	27234A	* Gasket, Breather
39	27666	Breather Ass'y.
40	31410	Element, Breather
41	34146	Cover, Breather
42	32447	Tube, Breather
43	32446	Grommet, Breather tube
45	650128	Screw, 10-24 x 1/2"
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