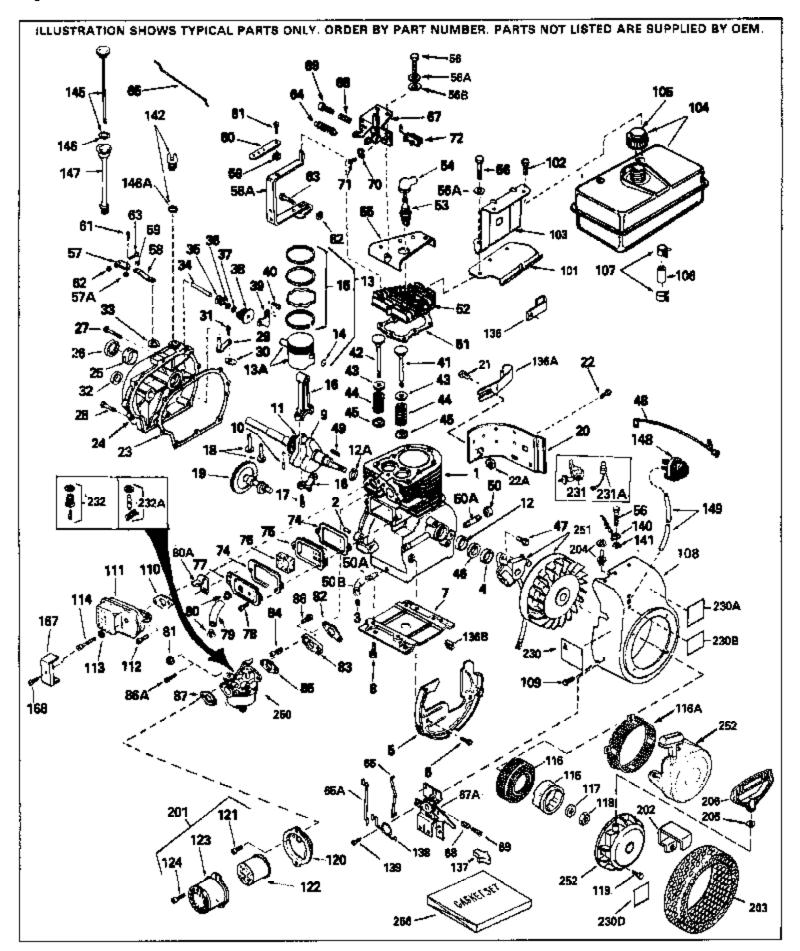
HH50-95057J Engine Parts List



req.)(point ign.) 6 650561 Screw, 1/4-20 x 5/8" 7 29538 Base, Engine mounting 8 650542 Screw, 5/16-18 x 3/4" 9 35252 Crankshaft 10 29783 Pin, Crankshaft gear (Used on early p rod.)		,	Description
3 27642 Pipe plug, 14-18 4 36300 Seal, Oil 5 29536 Blower Housing Baffle (Without electric starter knock out) (req./(point ign.) 5 35256A Blower Housing Baffle (Without electric starter knockout) (req./(point ign.) 6 650561 Screw, 1/4-20 x 5/8" 7 29538 Base, Engine mounting 8 660542 Screw, 5/16-18 x 3/4" 9 35252 Crankshaft (Jeed on early prod.) 11 27854 Gear, Crankshaft (Jeed on early prod.) 12 31461 Bushing, Crankshaft 12 31461 Bushing, Crankshaft 12 34503 Piston, Pin & King Set (J010" OS) 13 34504 Piston, Pin & King Set (J010" OS) 13 34504 Piston, Pin & King Set (J010" OS) 13 34504 Piston, Pin & King Set (J010" OS) 13 34504 Piston, Pin & King Set (J010" OS) 13 34504 Piston, Pin & King Set (J010" OS) 13 34504 Piston, Pin & King Set (J010" OS) 13 34504 Piston, Pin A Sing (J010" OS) 13 </td <td>1</td> <td>34915A</td> <td>Cylinder (Incl. 2, 3 & 4) (2-5/8" Bor e)</td>	1	34915A	Cylinder (Incl. 2, 3 & 4) (2-5/8" Bor e)
4 32630 Sial, Oi 5 29536 Blower Housing Baffle (Without electric starter knock or (Use as required) 5 35256A Blower Housing Baffle (Without electric starter knock or (Use as required) 6 650561 Screw, 1/4-20 x 5/8" 7 29538 Base, Engine mounting 8 650542 Screw, 5/16-18 x 3/4" 0 297783 Pin, Crankshaft gear (Used on early prod.) 11 27884 Gear, Crankshaft gear (Used on early prod.) 12 31461 Bushing, Crankshaft 12 31461 Bushing, Crankshaft 12 31461 Bushing, Crankshaft 13 34505 Piston, Pin & Ring Set (Std) (2-5/8" Bore) 13 34505 Piston, Pin & Ring Set (Std) (2-5/8" Bore) 13 34505 Piston Pin Assy. (Std) (2-5/8" Bore) 13 34505 Piston Pin Teasing	2	27652	Pin, Dowel
4 32630 Sial, Oi 5 29536 Blower Housing Baffle (Without electric starter knock or (Use as required) 5 35256A Blower Housing Baffle (Without electric starter knock or (Use as required) 6 650561 Screw, 1/4-20 x 5/8" 7 29538 Base, Engine mouning 8 660542 Screw, 7/6-18 x 3/4" 9 32552 Crankshaft gear (Used on early prod.) 11 27834 Gaar, Crankshaft gear (Used on early prod.) 12 31461 Bushing, Crankshaft 12 31461 Bushing, Crankshaft 13 34503 Piston, Pin & King Set (Std) (2-5/8" Bore) 13 34504 Piston, Pin & King Set (Std) (2-5/8" Bore) 13 34505 Piston, Pin & King Set (0.20" OS) 13A 31797B Piston Pin Assiy, (010" OS) (incl. 14) 14 2788 Ring, Piston Pin retaining 13 34505 Ring Set (Std) (2-5/8" Bore) 13 34545 Ring Set (Std) (2-5/8" Bore) 13 34505 Ring Set (Std) (2-5/8" Bore) 13 34565 Ring Set (Std) (2-5/8" Bore)	3	27642	Pipe plug, 1/4-18
5 29536 Blower Housing Baffle (Without electric starter knock or (Use as required) 5 35256A Blower Housing Baffle (With electric starter knockout) (req./(point ign.) 6 650561 Screw, 1/4-20 x 5/8" 7 29533 Base, Engine mounting 8 650542 Screw, 5/16-18 x 3/4" 9 35252 Crankshaft 10 29783 Pin, Crankshaft gear (Used on early prod.) 11 27884 Gear, Crankshaft 12 31461 Bushing, Crankshaft 13 34503 Piston, Pin & Ring Set (500 (25/68" Bore) 13 34504 Piston, Pin & Ring Set (1010" OS) 13 34505 Piston & Pin Assy. (100" OS) (ind. 14) 13 34505 Piston & Pin Assy. (100" OS) (ind. 14) 13 34504 Ring Set (1010" OS) 13 34505 Ring Set (2010" OS) 13 34504 Piston & Pin Assy. (100" OS) (ind. 14) 14 27888 Ring Set (1010" OS) 13 34505 Ring Set (2010" OS) 15 34855			
(Use as required) 6 5 35256A Blower Housing Baffle (With electric starter knockoult) (req.) (point ign.) 6 650561 Screw, 1/4-20 x 5/8" 7 29538 Base, Engine mouning 8 650542 Screw, 7/6-18 x 3/4" 9 30552 Crankshaft gear (Used on early p rod.) 11 27884 Gear, Crankshaft gear (Used on early p rod.) 12 31461 Bushing, Crankshaft gear (Used on early p rod.) 13 34503 Priston, Pin & King Set (Std.) (2-5/8" Bore) 13 34505 Piston, Pin & King Set (Std.) (2-5/8" Bore) 13 34505 Piston, Pin & King Set (0.00" OS) 13A 31797B Piston & Pin Assy. (Std.) (2-5/8" Bore) 13A 31798B Piston & Pin Assy. (O10" OS) (incl. 14) 14A 31798B Piston & Pin Assy. (O10" OS) 15 34855 Ring Set (Std.) (2-5/8" Bore) 15 34856 Ring Set (Std.) (2-5/8" Bore) 15 34856 Ring Set (Std.) (2-5/8" Bore) 15 34855 Ring Set (Std.) (2-5/8" Bore)			
req.)(point ign.) 6 650561 Screw, 1/4-20 x 5/8" 7 29538 Base, Engine mounting 8 660542 Screw, 5/16-18 x 3/4" 9 35252 Crankshaft gear (Used on early prod.) 11 27884 Crankshaft (Used on early prod.) This gea serviceable ONLY when it is pinned to the crankshaft. 12 31461 Bushing, Crankshaft 12 A 650625 Washer Thrust 13 34504 Piston, Pin & Ring Set (Otd) (2-5/8" Bore) 13 34506 Piston, Pin & Ring Set (Otd) (2-5/8" Bore) 13 34506 Piston, Pin & Ring Set (Otd) (2-5/8" Bore) 13 34506 Piston, Pin & Ring Set (Otd) (2-5/8" Bore) 13 34506 Piston, Pin & Ring Set (Otd) (2-5/8" Bore) 13 34506 Piston, Pin & Ring Set (Otd) (2-5/8" Bore) 13 34506 Piston, Pin & Ring Set (Otd) (2-5/8" Bore) 13 34506 Piston Pin & Ring Set (Otd) (2-5/8" Bore) 13 34506 Piston Pin & Ring Set (Otd) (2-5/8" Bore) 13 34506 Piston Pin A Sky, (Otd) (2-5/8" Bore) 13 34566 Ring Set (Otd) (2-5/8" Bore) 15 34856 Ring Set (Otd) (2-5/8" Bore) 15 34856 Ring Set (Otd) (2-5/8" Bore) 16 31295C Bolt, Connecting (Ind. 17) 17 650682C Bolt, Connecting (Ind. 17) 17 650682C Bolt, Connecting (Ind. 17) 18 34034 Lifter, Valve 19 33156 Carnshaft 20 30622A Extension, Blower housing 21 650128 Screw, 1/4-20 x 1/2" 22 650651 Screw, 1/4-20 x 1/2" Screw, 1/4-20 x 1/2" 23 30684 Gaset Cylinder Cover 24 31451A Cylinder Cover (Ind.24, 34, 127A, 12 9 & 130) 26 28460 Seel, Oil 27 650451 Screw, 1/4-20 x 1/2" 28 650599 Screw, 1/4-20 x 1/1" 28 650599 Screw, 1/4-20 x 1/1" 28 650599 Screw, 1/4-20 x 1/1" 29 3058A Spool, Governor 31 650454 Screw, 1/4-20 x 1/1" 28 650591 Screw, 1/4-20 x 1/12" 29 30583 Screw, 10-24 x 1/2" 30 30700 Yoke, Governor (Ind.24, 34, 127A, 12 9 & 130) 31 650454 Screw, 14-20 x 1/12" 32 30583A Spool, Governor 33 3584A Spool, Governor 33 358	·		•
7 29538 Base, Engine mounting 8 650542 Screw, 5/16-18 x 3/4" 10 23783 Pin, Crankshaft gear (Used on early prod.) 11 27884 Gear, Crankshaft (Used on early prod.) cion) This gear serviceable ONLY when it is pinned to the crankshaft. 12 31461 Bushing, Crankshaft (Used on early prod.) cion) This gear serviceable ONLY when it is pinned to the crankshaft. 13 34503 Piston, Pin & Ring Set (010" OS) 13 34505 Piston & Pin Assy, (010" OS) (Incl. 14) 13A 31797B Piston & Pin Assy, (010" OS) (Incl. 14) 13A 31798B Piston & Pin Assy, (010" OS) (Incl. 14) 14 27888 Ring, Piston pin retaining 15 34856 Ring Set (010" OS) 15 34856 Ring Set (020" OS) 15 34856 Ring Set (010" OS) 15 34856 Ring Set (010" OS) 16 31285C Both, Connecting rod (Incl. 17) 17 650662C Both, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 29 30652A Extension, Blower housing 21 65	5	35256A	Blower Housing Baffle (With electric starter knockout) (As req.)(point ign.)
8 660642 Screw, 5 ¹ / ₁ 6-18 x 3/4" 9 35252 Crankshaft 10 22783 Pin, Crankshaft gear (Used on early prod.) 11 2784 Gear, Crankshaft (gear (Used on early prod.) 12 31461 Bushing, Crankshaft (Bear (Used on early prod.) 13 serviceable ONLY when it is pinned to the crankshaft. 13 34503 Piston, Pin & Ring Set (Std.) (2-58" Bore) 13 34505 Piston, Pin & Ring Set (Ot0" OS) 13 34505 Piston & Pin Assy. (O20" OS) (Incl. 14) 13A 31797B Piston & Pin Assy. (O20" OS) (Incl. 14) 14 27888 Ring Set (C00" OS) 15 34855 Ring Set (C00" OS) 15 34856 Ring Set (C00" OS) 15 34856 Ring Set (C00" OS) 16 31295C Rod Assy. Connecting (Incl. 17) 17 660662C Bolt, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 20 30622A Extension, Blower housing 21 600661 Screw,	6	650561	Screw, 1/4-20 x 5/8"
8 660542 Screw, 5 ⁷ /6-18 x 3/4" 9 35252 Crankshaft 10 23783 Pin, Crankshaft (gear (Used on early prod.) 11 27884 Gear, Crankshaft (gear (Used on early prod.) 12 31461 Bushing, Crankshaft (gear (Used on early prod.) 13 serviceable (ONLY when it is pinned to the crankshaft. 13 34503 Piston, Pin & Ring Set (Std.) (2-5/8" Bore) 13 34505 Piston, Pin & Ring Set (100" OS) 13 34505 Piston & Pin Assy. (Std.) (2-5/8" (In cl.14) 13A 31797B Piston & Pin Assy. (Std.) (2-5/8" (In cl.14) 13A 31797B Piston & Pin Assy. (Std.) (2-5/8" (In cl.14) 13A 31797B Piston & Pin Assy. (Std.) (2-5/8" (In cl.14) 13A 31797B Piston & Pin Assy. (Std.) (2-5/8" (In cl.14) 14A 27888 Ring Set (Std.) (2-5/8" Bore) 153 34855 Ring Set (Std.) (2-5/8" Bore) 153 34856 Ring Set (Std.) (2-5/8" Bore) 153 34856 Ring Set (Std.) (2-5/8" Bore) 163 2295C <td< td=""><td>7</td><td>29538</td><td>Base, Engine mounting</td></td<>	7	29538	Base, Engine mounting
9 35252 Crankshaft 10 29783 Pin, Crankshaft gear (Used on early prod.) 11 27844 Gear, Crankshaft (Used on early prod.) 12 31461 Bushing, Crankshaft 12A 650625 Washer Thrust 13 34503 Piston, Pin & Ring Set (010° OS) 13 34504 Piston, Pin & Ring Set (010° OS) 13 34505 Piston, Pin & Ring Set (010° OS) 13 34505 Piston, Pin & Sting Set (010° OS) 13 34505 Piston & Pin Assy. (010° OS) 13 34505 Ring, Piston pin retaining 14 27888 Ring, Piston pin retaining 15 34855 Ring Set (020° OS) 16 31295C Rod Assy., Connecting (Incl. 17) 17 65062C Boit, Connecting rod (Incl. 2) pieces) 18 34034 Lifter, Valve 20 30652A Screw, 1/4-20 X 58" (Use as required) 22 50561 Screw, 1/4-20 X 12" (Use as required) 23 30684 Gastet Cylinder Cover	8	650542	
10 29783 Pin, Crankshaft ger (Used on early prod.) 11 27884 Gear, Crankshaft (Used on early prod.) 12 31461 Bushing, Crankshaft 12 31461 Bushing, Crankshaft 13 34503 Piston, Pin & Ring Set (Std.) (2-5/8" Bore) 13 34504 Piston, Pin & Ring Set (100" OS) 13 34505 Piston, Pin & Ring Set (200" OS) 13A 31797B Piston & Pin Assiy, (Std.) (2-5/8" Bore) 13A 31797B Piston & Pin Assiy, (Std.) (2-5/8")(In cl.14) 13A 31797B Piston & Pin Assiy, (100" OS) (Incl. 14) 13A 31797B Piston & Pin Assiy, (Col" OS) (Incl. 14) 14 27888 Ring, Piston pin retaining 15 34856 Ring Set (202" OS) 16 31295C Rod Assy, Connecting (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 2 pieces) 13 3156 Camshaft 20 30622A Extension, Blower housing 21 65051 Screw, 1/4-20 x 1/2" (Use as required)			
11 2784 Gear, Crankshaft Gear, Crankshaft 12 31461 Bushing, Crankshaft Bushing, Crankshaft 13 4503 Piston, Pin & Ring Set (010° OS) 13 13 34503 Piston, Pin & Ring Set (010° OS) 13 13 34505 Piston, Pin & Ring Set (010° OS) 13 13 34505 Piston, Pin & Ring Set (020° OS) 14 13 31798B Piston & Pin Assy, (020° OS) (Incl. 14) 14 14 27888 Ring, Piston & Pin Assy, (020° OS) (Incl. 14) 14 15 34855 Ring Set (020° OS) 16 14 27888 Ring Set (020° OS) 16 15 34856 Ring Set (020° OS) 16 16 31295C Rod Assy, Connecting Indl. 17) 17 17 650662C Bolt, Connecting rod (Incl. 2) 16 18 34034 Lifter, Valve 19 20 30682A Carmshaft 20 21 650128 Screw, 1/4-20 x 5/8" (Use as required) 20 23 30684 Geasket Cylinder Cover 12			
12A 650625 Washer Thrust 13 34503 Piston, Pin & Ring Set (Std.) (2-5/8" Bore) 13 34504 Piston, Pin & Ring Set (.020' OS) 13A 31797B Piston & Pin Assy. (Std.) (2-5/8") (In cl. 14) 13A 31798B Piston & Pin Assy. (Std.) (2-5/8") (In cl. 14) 13A 31798B Piston & Pin Assy. (O20' OS) (Incl. 14) 13A 31798B Piston & Pin Assy. (O20' OS) (Incl. 14) 14A 27888 Ring Set (Std.) (2-5/8") (Incl. 14) 15 34855 Ring Set (O10' OS) 15 34856 Ring Set (O10' OS) 16 31295C Rod Assy., Connecting (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 2 pieces) 18 34034 Lifer, Valve 20 30522A Extension, Blower housing 21 650561 Screw, 1/4-20 x 5/8" (Use as required) 22 30684 Gasket Cylinder Cover 23 30684 Gasket Cylinder Cover 24 31451A Cylinder Cover (Incl.26, 34, 127A, 12 9 & 130) 28 650599 Screw, 1/4-20 x 1" 28			Gear, Crankshaft (Used on early produ ction) This gear is
13 34503 Piston, Pin & Ring Set (Std) (2-5/8" Bore) 13 34505 Piston, Pin & Ring Set (O10" OS) 13A 31797B Piston & Pin Assy. (Std.) (2-5/8") (In cl. 14) 13A 31799B Piston & Pin Assy. (Std.) (2-5/8") (In cl. 14) 13A 31799B Piston & Pin Assy. (O20" OS) (Incl. 14) 13A 31799B Piston & Pin Assy. (O20" OS) (Incl. 14) 14 27838 Ring Set (Std.) (2-5/8") (In cl. 14) 15 34854 Ring Set (Std.) (2-5/8") (In cl. 14) 14 27838 Ring Set (Std.) (2-5/8") (In cl. 14) 15 34856 Ring Set (Std.) (2-5/8") (In cl. 14) 15 34856 Ring Set (Std.) (2-5/8") (In cl. 14) 15 34856 Ring Set (Std.) (2-5/8") (In cl. 14) 16 31235C Rod Assy. Connecting (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 19 3156 Camshaft 20 30622A Extension, Blower housing 21 650128 Screw, 14-20 x 1/2" (Use as required) 23 30684 Gasket Cylinder Cove			Bushing, Crankshaft
13 34504 Piston, Pin & Ring Set (010" OS) 13 34505 Piston, Pin & Ring Set (020" OS) 13A 31797B Piston & Pin Assy. (Std.)(2-5/8)(In cl. 14) 13A 31799B Piston & Pin Assy. (O10" OS) 14A 31798B Piston & Pin Assy. (O10" OS) 15 34854 Ring Set (010" OS) 15 34855 Ring Set (010" OS) 15 34856 Ring Set (010" OS) 15 34856 Ring Set (020" OS) 16 31225C Rod Assy. Connecting rod (Ind. 17) 17 650662C Bolt, Connecting rod (Ind. 2 pieces) 18 34034 Lifter, Valve 19 33156 Camshaft 20 60562A Extension, Blower housing 21 650561 Screw, 1/4-20 x 1/2" 22 650661 Screw, 1/4-20 x 1/2" 23 30684 Gasket Cylinder Cover (Ind.26, 34, 127A, 12.9 & 130) 24460 Seal, Oil 27 650451 Screw, 1/4-20 x 1.12" 28 60599 Screw, 1/4-20 x 1.12" 29 30690C Rod As			
13 34505 Piston, Pin & Ring Set (0.20" OS) 13A 31797B Piston & Pin Assy. (0.10" OS) (Incl. 14) 13A 31799B Piston & Pin Assy. (0.20" OS) (Incl. 14) 13A 31799B Piston & Pin Assy. (0.20" OS) (Incl. 14) 14 27888 Ring, Piston pretaining 15 34854 Ring Set (0.10" OS) 15 34856 Ring Set (0.10" OS) 16 31295C Rod Assy., Connecting (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 19 33156 Camshaft 20 30622A Extension, Blower housing 21 650128 Screw, 1/4-20 x 1/2" (Use as required) 23 30684 Gasket Cylinder Cover 23 30684 Gasket Cylinder Cover 24 31451A Cylinder Cover (Incl.26, 34, 127A, 12 9 & 130) 26 28460 Seal, Oil 27 650599 Screw, 1/4-20 x 1/2" 28 650599 Screw, 1/4-20 x 1/2" 29 30690C Rod Assy., Governor	13	34503	
13 34505 Piston, Pin & Ring Set (.020" OS) 13A 31797B Piston & Pin Assy. (.010" OS) (Incl. 14) 13A 31798B Piston & Pin Assy. (.020" OS) (Incl. 14) 13A 31798B Piston & Pin Assy. (.020" OS) (Incl. 14) 14 27888 Ring, Piston pin retaining 15 34854 Ring Set (Std.) (2-5%) (Incl. 14) 15 34856 Ring Set (Std.) (2-5%) (Incl. 14) 15 34856 Ring Set (Std.) (2-5%) (Incl. 14) 16 31295C Rod Assy., Connecting (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 19 33156 Camshaft 20 30622A Extension, Blower housing 21 650128 Screw, 1/4-20 x 1/2" (Use as required) 22 30684 Gasket Cylinder Cover 23 30684 Gasket Cylinder Cover 24 31451A Cylinder Cover (Incl.26, 34, 127A, 12 9 & 130) 26 28460 Seal, Oil 27 650451 Screw, 1/4-20 x 1/2" 28 650599 Screw,	13	34504	Piston, Pin & Ring Set (.010" OS)
13A 31798B Piston & Pin Ass ² , (.010 [°] OS) (incl. 14) 13A 31799B Piston & Pin Ass ² , (.020 [°] OS) (incl. 14) 14 27888 Ring, Piston pin retaining 15 34854 Ring Set (Std.) (2-5/8" Bore) 15 34855 Ring Set (.010 [°] OS) 15 34856 Ring Set (.010 [°] OS) 16 31295C Rod Assy., Connecting (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 19 33156 Camshaft 20 30622A Extension, Blower housing 21 650128 Screw, 10-24 x 1/2" 22 30063 Screw, 1/4-20 x 12" (Use as required) 23 30684 Cakket Cylinder Cover 24 31451 Screw, 1/4-20 x 1" 28 650599 Screw, 1/4-20 x 1" 29 30699C Rod Assy., Governor (Incl. 30 & 31) 30 30700 Yoke, Governor 31 30442 Ring, Retaining 34 31845 Shaft, Mechanical governor 35 30	13	34505	Piston, Pin & Ring Set (.020" OS)
13A 31798B Piston & Pin Ass'y. (010" OS) (Incl. 14) 13A 31799B Piston & Pin Ass'y. (020" OS) (Incl. 14) 14 27888 Ring, Piston pin retaining 15 34854 Ring Set (Std.) (2-5/8" Bore) 15 34856 Ring Set (.010" OS) 15 34856 Ring Set (.010" OS) 16 31295C Rod Assy., Connecting (Incl. 17) 17 650662C Boit, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 20 30622A Extension, Blower housing 21 650128 Screw, 10-24 x 1/2" 23 30684 Gasket Cylinder Cover 23 30684 Gasket Cylinder Cover 24 31451A Cylinder Cover (Incl. 26, 34, 127A, 12 9 & 130) 26 Screw, 1/4-20 x 1" 28 28 4600 Scal, OI 27 650451 Screw, 1/4-20 x 1" 28 650599 Screw, 1/4-20 x 1" 29 30699C Rod Assy., Governor 31455 Shaft, Mechanical governor 33 29642 Ring, Reta	13A	31797B	Piston & Pin Ass'y. (Std.)(2-5/8')(In cl.14)
13A 31799B Piston & Pin Assý. (.020" OS) (Incl. 14) 14 27886 Ring, Piston pin retaining 15 34854 Ring Set (Std.) (25/8" Bore) 15 34855 Ring Set (0.10" OS) 16 31295C Rod Assy., Connecting (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 19 33156 Carnshaft 20 30622A Extension, Blower housing 21 650128 Screw, 10-24 x 1/2" 22 650561 Screw, 1/4-20 x 5/8" (Use as required) 23 30684 Gasket Cylinder Cover 24 31451A Cylinder Cover (Incl.26, 34, 127A, 12 9 & 130) 26 50569 Screw, 1/4-20 x 1" 28 650599 Screw, 1/4-20 x 1" 29 30690C Rod Asy., Governor (Incl. 30 & 31) 31 650494 Screw, 640 x 5/16" 31 25642 Ring, Retaining 34 31445 Shaft, Mechanical governor 31 650494 Screw, 640 x 5/16" 32 305	13A	31798B	
1427888Ring, Piston pin retaining1534854Ring Set (Std.) (2-58" Bore)1534856Ring Set (J010" OS)1534856Ring Set (J010" OS)1631295CRod Assy., Connecting (Incl. 17)17650662CBolt, Connecting rod (Incl. 2 pieces)1834034Lifter, Valve1933156Carnshaft2030622AExtension, Blower housing21650128Screw, $10-24 \times 1/2"$ 22650561Screw, $1/4-20 \times 5/8"$ (Use as required)2330684Gasket Cylinder Cover2431451ACylinder Cover (Incl.26, 34, 127A, 12 9 & 130)2628460Seal, Oil27650451Screw, $1/4-20 \times 1''$ 28650599Screw, $1/4-20 \times 1''$ 2930692CRod Assy., Governor31650494Screw, $640 \times 5/16"$ 3329642Ring, Retaining3431845Shaft, Mechanical governor3530588ASpool, Governor3635479Washer, Flat3729193Ring, Retaining3830591Gear Assy., Governor3931843ABracket, Governor gear40650366Screw, $1/2^2$ NS)			
15 34854 Ring Set (Std.) (2-5/8" Bore) 15 34855 Ring Set (010" OS) 15 34856 Ring Set (010" OS) 16 31295C Rod Assy., Connecting (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 19 33156 Camshaft 20 30622A Extension, Blower housing 21 650561 Screw, 10-24 x 1/2" 22 650561 Screw, 10-24 x 1/2" 23 30684 Gasket Cylinder Cover 23 30684 Gasket Cylinder Cover (Incl.26, 34, 127A, 12 9 & 130) 26 28460 Seal, Oil 27 650451 Screw, 1/4-20 x 1/2" 28 650599 Screw, 1/4-20 x 1" 29 30699C Rod Assy., Governor 31 650494 Screw, 6-40 x 5/16" 33 29642 Ring, Retaining 34 31845 Shap, Retaining 34 31845 Spool, Governor 35 30588A Spool, Governor 36			
15 34855 Ring Set (010° ČS) 15 34856 Ring Set (020° CS) 16 31295C Rod Assy., Connecting (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 19 33156 Camshaft 20 30622A Extension, Blower housing 21 650128 Screw, 10-24 x 1/2" 22 650561 Screw, 1/4-20 x 5/8" (Use as required) 23 30684 Gasket Cylinder Cover 23 30684 Gasket Cylinder Cover (Incl. 26, 34, 127A, 12 9 & 130) 26 28460 Seal, Oil 27 650451 Screw, 1/4-20 x 1" 28 650599 Screw, 1/4-20 x 1" 28 650599 Screw, 1/4-20 x 1" 29 30690C Rod Assy., Governor 31 650494 Screw, 6-40 x 5/16" 33 29642 Ring, Retaining 34 31845 Shaft, Mechanical governor 35 30588A Spool, Governor 36 35479 Washer, Flat			
15 34856 Ring Set (.020" OS) 16 31295C Rod Assy., Connecting (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 19 33156 Camshaft 20 30622A Extension, Blower housing 21 650561 Screw, 10-24 x 1/2" 22 30663 Screw, 1/4-20 x 5/8" (Use as required) 23 30684 Gasket Oylinder Cover 24 31451A Cylinder Cover (Incl.26, 34, 127A, 12 9 & 130) 26 8460 Seal, Oil 27 650451 Screw, 1/4-20 x 1" 28 650599 Screw, 1/4-20 x 1" 29 30690C Rod Assy., Governor (Incl. 30 & 31) 30 30700 Yoke, Governor 31 650494 Screw, 6-40 x 5/16" 33 29642 Ring, Retaining 34 31845 Shaft, Mechanical governor 35 30588A Spool, Governor 36 35479 Washer, Flat 37 29193 Ring, Retaining			
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41 32784 Intake Valve (1/32" OS)			
42 27878A Exhaust Valve (Std.)			
	42	27878A	Exhaust Valve (Std.)
42 27880A Exhaust Valve (1/32" OS)	42	27880A	
43 27882 Cap, Upper valve spring			

		Description
44	27881	Spring, valve
45	32581	Cap, Lower valve spring
47	650814	Screw, 10-24 x 1"
49	32589	Key, Flywheel
51	28938C	Gasket, Cylinder head
52	30938A	Head, Cylinder
53	34251	Resistor Spark Plug (RJ-17LM)
54	610118	Cover, Spark plug (Use as required)
55	30939A	Cover Assy., Cylinder head
56	650697A	Screw, 5/16-18 x 2-1/2" (Use as required)
56	650694A	Screw, 5/16-18 x 2" (Use as required)
56	650695A	Screw, 5/16-18 x 2-1/4" (Use as required)
56A	650691	Washer, Flat (Use as required)
56B	650690	Washer, Belleville (Use as required)
57A	30322	Locknut, 8-32
57	29916	Clamp, Governor lever (Use as require d)
	32326A	Lever, Governor
	29918	Washer, Lock, No. 8 E.T.
	30205	Bracket, Governor adjusting
	650548	Screw, 8-32 x 5/16"
	29216	Locknut, 10-32
	29826	Screw, 10-32 x 3/4"
	32327	Link, Throttle
	610973	Terminal Assy. (Use as required)
	27896A	Gasket, Valve chamber cover
	28423	Breather Assy., Valve
	28424	Element, Breather
	28425	Cover, Valve spring box
	650128	Screw, 10-24 x 1/2"
	35350	Tube, Breather
	32446	Grommet, Breather tube
	27915A	* Gasket, Intake pipe to cylinder
	34712	Flange, Carburetor (Incl. 86A)
	30196	Screw, 5/16-18 x 3/4"
	31688A	* Gasket, Carburetor
	650517	Screw, 1/4-20 x 13/16"
	27272A	* Air Cleaner Gasket (Use as required)
	30767	Spacer, Cleaner (Use as required)
	34783	Filter, Pre-air
	34782	Filter, Air cleaner (Incl. 97)
	34782	Pop Rivet (1/8" dia.) (Purchase local ly)
	34699	Bracket, Air cleaner
	34698A	Gasket, Air cleaner
	30675	Fitting, Breather
	34780	Elbow, Air cleaner
	34819	Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in
0-17 (01010	730561 assembly only)
		• •
	650163	Screw, 10-32 x 7/8"
	650826	Stud, 1/4-20 x 6.20, threaded both en ds
	650825	Nut & Lockwasher, 1/4-20
	34781	Cover, Air cleaner
	650513	Nut, Wing, 1/4-20
	34158	Bracket, Fuel tank
	650665	Screw, 1/4-14 x 7/8"
103	34159	Plate, Fuel tank mounting

	Part Number Qt	
104	34186A	Fuel Tank (Incl. 105 & 107) NOTE: These tanks were built with different size fuel inlet openings. Tanks with the 1-3/16" I.D. opening use fuel cap 33032 or 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355.
	410144B 33032	Fuel Cap (White Plastic)(Std.)(As req uired) Fuel Cap (Red Plastic) (Spurt resistant, Low profile) (Use as required)
105	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)
106 107 108 109 111E 111C 111D 111A 115 116 117 118 119 127A 127 128 129 130 131 132 133 140 141 143B 143 143A 144A 144A 144 145 146A 169 170 171	35355 29774 30962 26460 32158E 29747B 34390 391026 33714 29633 32125 35009 650815 8116 29716 31855 31793 31792 650778 650580 30845A 33450 30845A 33450 30886A 30747 650890 33185 650578 33171 33323 33700 31297 29673 32862 30244	Fuel Cap (Red plastic) (Use as required) Fuel Line (Braided, 8 1/4") (Use as required) Fuel Line (Braided, 32") (Use as required) Blower Housing (For electric starter) Screw, 5/16-24 x 21/32" Deflector, Exhaust (Optional) Opt.Spark Arrest Muf.(Incl.143,143A,1 43B) Opt.Spark Arrest Muf.(Incl.112,143,14 4,144A) Muffler Cup, Starter Screen, Starter cup Washer, Belleville Nut, Hex Screw, 1/4-28 x 7/16" Retainer, Bearing Bearing, Ball Washer, Thrust Washer, Lock Nut, Lock Bolt, Governor spring adjusting Nut, 10-32 Lock Spring, Extension Clip, Spark plug shorting Lockwasher,Shakeproof, 5/16 Cover & tube, Muffler (Use as required) Screen, Muffler (Use as required) Screen (Use as required) Screen (Use as required) Screen
	730164 730164	Air Cleaner Ass'y. (Red Poly)(Incl.87,120,121,122,123,124 & 230)(As req.) Air Cleaner Kit, Mini bike (Incl.87,120,121,122,123 & 124)
201B	730561	(Use as required) Air Cleaner Kit (Incl.74,79,80,87,88,89,90,91,92,94,95,96,97,99,100 & 230C) (Used only on engine with an externally vented fully adjustable carburetor)
209	730130 611084 650872	Muffler Adapter Kit (Incl.110,112)(As req.) Flywheel Stud, Solid State mounting

		y Description
	34443A	Solid State Assy. (Incl. 54)
	34704	Decal, Instruction
	35532	Decal, Name
	34346	Decal, Instruction
	30547A	Breaker Assy (Used on Std. Point igni tion)
	631021	Inlet, Needle Seat & Clip Assy.
	611077	Alternator (Optional)
	650868	Screw, 8-18 x 1-1/8" (3 required)(Opt .)
	611078	Connector, A.C. Lighting (Optional)
	611079	Connector, D.C. Charging (Optional)
	590610	Tube, Centering (Optional)
	590613	Alternator Shaft (Optional)
250	632213	Carburetor (Incl. 85) (Refer to DiviSion 5, Section A, page
		176 for breakdown)
252	590420A	Rewind Starter (Refer to Division 5, Section C, page 25 for
202		breakdown)
0.5.4		,
254	33328D	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 (see#255). Refer to service
		number stamped on end cap of motor or on decal for identificat
		identinicat
255	30811A	Flywheel (Ring gear flywheel requiredon engines using
		110-120 volt starter motor kits listed above) (Used on Std.
		point ignition before 1982)
255	611042	Flywheel (Ring gear flywheel requiredon engines using
200	0110-12	110-120 volt starter motor kits listed above) (Used on Std.
		point ignition 1982 or later)
		1 0 ,
255	611085	Flywheel (Minimum ring gear flywheel required on engines
		using 110-120 volt starter motor kits listed above) (Used on
		solid state external ignition)
256	33235A	Gasket Set (Incl. items marked*)
200		