Engine Parts List

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY CEM. 148A **62** [^] 57A 27-3 ₹ 231 231A 119. 230D

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Ref # Part Number				
2 27652 3 27642 4 32630 5 2630 5 26362 6 Pipe plug, 14-14 8 5 28536	Ref #	Part Number	Qty	Description
2 27652 3 27642 4 32630 5 2630 5 26362 6 Pipe plug, 14-14 8 5 28536	1	34919A		Cylinder (Incl. 2,3 & 4) (2-5/8" Bore)
3 27642 Pipe plug, 1/4-18 4 32630 Seal, Oil 5 29536 Blower Housing Baffle (Without electric starter knock out) (Use as required) 5 36266A Blower Housing Baffle (With electric starter knock out) (Use as required) 6 660561 Screw, 1/4-20 x 5f8" 7 29638 Base, Engine mounting 8 660542 Screw, 1/4-20 x 134" 9 35188 Crankshaft (Used on early p rod.) 11 277884 Crankshaft (Used on early p rod.) 12 277884 Pin Crankshaft (Used on early p rod.) 13 34631 Pin Crankshaft (Used on early production) This gear is serviceable ONLY when it is plinned to the crankshaft. 13 34632 Piston, Pin & Ring Set (Col.) (2-56" Bore) 13 34533 Piston, Pin & Ring Set (Col.) (2-56" Bore) 13 34533 Piston, Pin & Ring Set (Col.) (2-50" Bore) 14 3433313B Piston & Pin Assy. (Otto 'OS) (Incl. 14) 14 27888 Piston & Pin Assy. (Otto 'OS) (Incl. 14) 15 34856 Ring Set (Col.) (2-56" Bore) 15 34656 Ring Set (Col.) (2-56" Bore) 16 31380C Rod Assy., Connecting (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 2 2 650681 Screw, 1/4-20 x 15" Use as required) 2 30063 Screw, 1/4-20 x 15" Use as required) 2 30063 Screw, 1/4-20 x 1-34" 2 8 30699C Rod Assy., Connecting (Incl. 30 & 31) 3 0 30700 Yoke, Governor (Incl. 30 & 31) 3 0 30700 Yoke, Governor (Incl. 30 & 31) 3 0 30701 Rod Assy., Governor (Incl. 30 & 31) 3 0 30701 Rod Assy., Governor (Incl. 30 & 31) 3 0 30701 Rod Assy., Governor (Incl. 30 & 31) 3 0 30701 Yoke, Governor (Incl. 30 & 31) 3 0 30701 Yoke, Governor (Incl. 30 & 31) 3 0 30701 Rod Assy., Governor (Incl. 30 & 31) 3 0 30701 Rod Assy., Governor (Incl. 30 & 31) 3 0 30701 Rod Assy., Governor (Incl. 30 & 31) 3 0 30701 Rod Assy., Governor (Incl. 30 & 31) 3 0 30701 Rod Assy., Governor (Incl. 30 & 31) 3 0 30702 Rod Assy., Governor (Incl. 30 & 31) 3 0 30703 Rod Assy., Governor (Incl. 30 & 31) 3 0 30704 Rod Assy., Governor (Incl. 30 & 31) 3 0 30705 Rod Assy., Governor (Incl. 30 & 31) 3 0 30706 Rod Assy., Governor (Incl. 30 & 31) 3 0 30707 Rod Assy., Governor (Incl. 30 & 31) 3 0 30708 Rod Assy., Governor (Incl. 30 & 31) 3 0 30708 Rod	2	27652		
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(Use as required) 5 35256A Blower Housing Baffle (With electric starter knockout) (As req.)(point ign.) 6 650561 7 29538 8 650542 9 35188 Cranichatt 10 29783 11 27884 Cranichatt 127884 Cranichatt 13 34531 13 34531 Piston, Pin & Ring Set (Std.) (2-58° Bore) 13 34532 Piston, Pin & Ring Set (O10° OS) 13 34533 Piston, Pin & Ring Set (O10° OS) Piston, Pin & Ring Set (O10° OS) Piston, Pin & Ring Set (O20° OS) 13 34533 Piston, Pin & Ring Set (O20° OS) 13 34533 Piston, Pin & Ring Set (O20° OS) Piston & Pin Assy, (O10° OS) Piston & Pin As				·
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7 29538 Base, Engine mounting 8 690542 Screw, 5/16-18 x 3/4" 9 35188 Crankshaft 10 29783 Pin, Crankshaft gear (Used on early prod.) 11 27884 Serviceable (ONLY when it is pinned to the crankshaft.) 13 34531 Piston, Pin & Ring Set (1010" OS) 13 34532 Piston, Pin & Ring Set (1010" OS) 13 34533 Piston, Pin & Ring Set (1010" OS) 13 34533 Piston, Pin & Ring Set (1010" OS) 13 34533 Piston & Pin Assy, (1020" OS) 13 34533 Piston & Pin Assy, (1010" OS) (Incl. 14) 13 33313B Piston & Pin Assy, (1020" OS) (Incl. 14) 13 33314B Piston & Pin Assy, (1020" OS) (Incl. 14) 14 27888 Ring Set (1010" OS) 15 34856 Ring Set (1010" OS) 16 31380C Rod Assy, Cornecting (Incl. 17) 17 650662C Bott, Connecting (Incl. 17) 18 650662C Bott, Connecting (Incl. 17) 18 650128 Screw, 1/4-20 x 58" (Use as required) 20 30622A Extension, Blower housing 21 650128 Screw, 1/4-20 x 58" (Use as required) 23 30684 Gasket Cylinder Cover 24 31303B Cover, 1/4-20 x 58" (Use as required) 24 31303B Cover, 1/4-20 x 12" (Use as required) 25 31546 Bushing, Crankshaft 26 28427 Seal, Oil 27 650488 Screw, 1/4-20 x 1-1/4" 28 650493 Screw, 1/4-20 x 1-1/4" 28 650493 Screw, 1/4-20 x 1-1/4" 29 30699C Rod Assy, Covernor (Incl. 30 & 31) 30 30700 Yoke, Governor 31 650494 Screw, 1/4-20 x 1-1/4" 31 29642 Ring, Retaining 31 8145 Screw, 1/4-20 x 1-1/4" 31 29642 Ring, Retaining 31 31845 Screw, 1/4-20 x 1-1/4" 31 29642 Ring, Retaining 31 31845 Screw, 1/4-20 x 1-1/4" 31 29642 Ring, Retaining 31 31845 Screw, 1/4-20 x 1-1/4" 31 29642 Ring, Retaining 31 31845 Screw, 1/4-20 x 1-1/4" 31 29642 Ring, Retaining 31 30691 Gear Assy, Governor 31 65044 Pin Assy, Governor 31 65045 Screw, 1/4-20 x 1-1/4" 31 29642 Ring, Retaining 31 31845 Screw, 1/4-20 x 1-1/4" 31 29642 Ring, Retaining 31 31845 Screw, 1/4-20 x 1-1/4" 31 29642 Ring, Retaining 31 31845 Screw, 1/4-20 x 1-1/4" 31 29642 Ring, Retaining 31 31845 Screw, 1/4-20 x 1-1/4" 31 29784 Exhaust Valve (1021" OS) 31 27881 Screw, 1/4-20 x 1-1/4" 31 27881 Screw, 1/4-20 x 1-1/4" 31 27881	•	050504		174
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9 35188 10 29783 11 27884 Crankshaft (Used on early prod.) Gear, Crankshaft (Used on early prod.) Gear, Crankshaft (Used on early prod.) Gear, Crankshaft (Used on early production) This gear is serviceable (ONLY when it is primed to the crankshaft. 13 34531 Piston, Pin & Ring Set (Std.) (2-56" Bore) 13 34533 Piston, Pin & Ring Set (Co10" OS) 13 34533 Piston, Pin & Ring Set (Co10" OS) 13A 33312B Piston & Pin Assy. (Std.) (2-58") (Incl. 14) 13A 33314B Piston & Pin Assy. (Co2" OS) 13A 33314B Piston & Pin Assy. (Co2" OS) (Incl. 14) 14 27888 Ring Set (Co10" OS) 15 34854 Ring Set (Co10" OS) 16 31380C Rod Assy., Connecting (Incl. 17) 16 650662C Rod Assy., Connecting (Incl. 17) 17 650662C Rod Assy., Connecting (Incl. 17) 18 34034 Lifter, Valve 22 650561 Screw, 14-20 x 58" (Use as required) 23 30624 Extension, Blower housing 21 650128 Screw, 11-420 x 58" (Use as required) 23 30634 Gasket Cylinder Cover 24 31303B Screw, 14-20 x 12" (Use as required) 25 31546 Rod Set (2-2" Seal, Oil 26 2427 Seal, Oil 27 65048 Screw, 14-20 x 1-1/4" 28 650493 Screw, 14-20 x 1-1/4" 29 30699C Rod Assy. (Covernor 36 36479 Washer, Flat 37 29193 Ring, Retaining Retaining Retaining Ring, Retaining				•
10 29783				·
Gear, Crankshaff (Used on early production) This gear is serviceable ONLP when it is pinned to the crankshaft. 13 34531 Piston, Pin & Ring Set (Std.) (2-5/8" Bore) Piston, Pin & Ring Set (Cot.) (25/8") Bore) Piston, Pin & Ring Set (Cot.) (25/8") Bore) Piston, Pin & Ring Set (Cot.) (25/8") Bore) Piston & Pin Assy. (Std.) (2-5/8") (In cl.14) Piston & Pin Assy. (Std.) (2-5/8") (In cl.14) Piston & Pin Assy. (Oto.) (25/8") (In cl.14) Piston & Pin Assy. (Std.) (In cl.14)				
serviceable ONLY when it is primed to the crankshaft. 13 34531 13 34532 13 34533 13 34533 13 34533 14 Piston, Pin & Ring Set (100" OS) 15 34853 15 Piston, Pin & Ring Set (1020" OS) 16 33313B 17 Piston & Pin Assy. (101" OS) (Incl. 14) 18 33314B 18 Piston & Pin Assy. (101" OS) (Incl. 14) 19 Piston & Pin Assy. (101" OS) (Incl. 14) 19 Piston & Pin Assy. (101" OS) (Incl. 14) 19 Piston & Pin Assy. (101" OS) (Incl. 14) 19 Piston & Pin Assy. (101" OS) (Incl. 14) 19 Piston & Pin Assy. (101" OS) (Incl. 14) 19 Piston & Pin Assy. (101" OS) (Incl. 14) 19 Piston & Pin Assy. (101" OS) (Incl. 14) 10 Piston & Pin Assy. (101" OS) 10 Piston & Pin Assy. (101" OS) 10 Piston & Pin Assy. (101" OS) 11 Piston & Pin Assy. (102" OS) (Incl. 14) 11 Piston & Pin Assy. (102" OS) (Incl. 14) 11 Piston & Pin Assy. (102" OS) 11 Piston & Pin Assy. (102" OS) 12 Piston & Pin Assy. (102" OS) 13 Piston & Pin Assy. (101" OS) 14 Piston & Pin Assy. (102" OS) 15 Piston & Pin Assy. (102" OS) 16 Piston & Pin Assy. (101" OS) 16 Piston & Pin Assy. (102" OS) 17 Piston & Pin Assy. (102" OS) 18 Piston & Piston & Pin Assy. (102" OS) 18 Piston & Piston & Pin Assy. (102" OS) 18 Piston & Piston & Pin Assy. (102" OS) 18 Piston & Piston & Piston & Pin Assy. (102" OS) 18 Piston & Pin Assy. (102" OS) 18 Piston & Piston & Pin Assy. (102" OS) 18 Piston &	10	29783		Pin, Crankshaft gear (Used on early p rod.)
13 34531 Piston, Pin & Ring Set (Std.) (2-5/8" Bore) 13 34532 Piston, Pin & Ring Set (.010" OS) 13 34533 Piston, Pin & Ring Set (.010" OS) 13A 33312B Piston & Pin Assy, (.502" OS) 13A 33314B Piston & Pin Assy, (.502" OS) (Incl. 14) 13A 33314B Piston & Pin Assy, (.000" OS) (Incl. 14) 14 27888 Piston & Pin Assy, (.000" OS) (Incl. 14) 15 34854 Ring, Piston pin retaining 15 34855 Ring Set (.010" OS) 16 31380C Rod Assy, Connecting (Incl. 17) 17 650662C Rod Assy, Connecting (Incl. 17) 18 34034 Lifter, Valve 20 30622A Extension, Blower housing 21 65012B Screw, 10-24 x 1/2" 22 650561 Screw, 10-24 x 1/2" (Use as required) 23 30684 Gasket Oylinder (Incl. 26 & 34) 24 31303B Cover, 10-14-20 x 15" (Use as required) 25 315-46 Bushing, Cranshaft 26 28427 Seal, Oil 27 65048B Screw, 14-20 x 1-14" 28 650493 Screw, 14-20 x 1-34" 29 30690C Rod Assy, Governor (Incl. 30 & 31) 30 30700 Yoke, Governor 31 650494 Screw, 14-20 x 1-34" 31 29642 Ring, Retaining 33 31843A Bracket, Governor 34 31845 Shaft, Mechanical governor 35 31845 Shaft, Mechanical governor 37 29193 Ring, Retaining 38 305691 Gara Assy, Governor 39 31843A Bracket, Governor gear 30 Cap, 10-24 x 1/2" 30 11ake Valve (Std.) 31 27881 Spring, valve	11	27884		Gear, Crankshaft (Used on early production) This gear is
13 34532 Piston, Pin & Ring Set (.010" OS) 13 43533 Piston, Pin & Ring Set (.020" OS) 13 A 33312B Piston & Pin Assy, (.91d) (.25/8") (ln cl. 14) 13 A 33314B Piston & Pin Assy, (.010" OS) (lncl. 14) 14 27888 Piston & Pin Assy, (.020" OS) (lncl. 14) 15 34854 Ring, Piston pin retaining 15 34855 Ring Set (.010" OS) 16 31390C Rod Assy, Connecting (lncl. 17) 17 650662C Bolt, Connecting rod (lncl. 2 pieces) 18 34034 Lifter, Valve 20 30622A Extension, Blower housing 21 650128 Screw, 10-24 x 1/2" 22 650561 Screw, 14-20 x 5/8" (Use as required) 22 30063 Screw, 1/4-20 x 1/2" (Use as required) 23 30684 Gasket Cylinder (loc. 26 & 34) 24 31303B Cover, Cylinder (lncl. 26 & 34) 25 31546 Bushing, Crankshaft 26 28427 Seal, Oil 27 650488 Screw, 1/4-20 x 1-1/4" 28 650493 Screw, 1/4-20 x 1-1/4" 28 650494 Screw, 1/4-20 x 1-1/4" 28 650494 Screw, 1/4-20 x 1-1/4" 3 32642 Ring, Retaining 3 41345 Shaft, Mechanical governor 3 31843A Bracket, Governor gear 3 31843A Bracket, Governor gear 4 32783 Intake Valve (Istd.) 1 12 27881 Spring, valve 2 50160; Valve 4 27881 Spring, valve 5 2780 Cupper valve pring 5 3505; Valve 5 2780 Cupper valve pring 5 2780 Cupper valve pring 5 3506; Valve Cupper valve 5 3506; Valve Cupper valve pring 5 3506; Valve Cupper valve pring 5 3506; Valve Cupper valve 6 3606; Valve Cupper valve 6 3060; Valve Cupper valve 7 3060; Valve Cupper valve 7 3060; Valve Cupper valve 8 3060; Valve Cupper valve				serviceable ONLY when it is pinned to the crankshaft.
13 34532 Piston, Pin & Ring Set (.010" OS) 13 43533 Piston, Pin & Ring Set (.020" OS) 13 A 33312B Piston & Pin Assy, (.91d) (.25/8") (ln cl. 14) 13 A 33314B Piston & Pin Assy, (.010" OS) (lncl. 14) 14 27888 Piston & Pin Assy, (.020" OS) (lncl. 14) 15 34854 Ring, Piston pin retaining 15 34855 Ring Set (.010" OS) 16 31390C Rod Assy, Connecting (lncl. 17) 17 650662C Bolt, Connecting rod (lncl. 2 pieces) 18 34034 Lifter, Valve 20 30622A Extension, Blower housing 21 650128 Screw, 10-24 x 1/2" 22 650561 Screw, 14-20 x 5/8" (Use as required) 22 30063 Screw, 1/4-20 x 1/2" (Use as required) 23 30684 Gasket Cylinder (loc. 26 & 34) 24 31303B Cover, Cylinder (lncl. 26 & 34) 25 31546 Bushing, Crankshaft 26 28427 Seal, Oil 27 650488 Screw, 1/4-20 x 1-1/4" 28 650493 Screw, 1/4-20 x 1-1/4" 28 650494 Screw, 1/4-20 x 1-1/4" 28 650494 Screw, 1/4-20 x 1-1/4" 3 32642 Ring, Retaining 3 41345 Shaft, Mechanical governor 3 31843A Bracket, Governor gear 3 31843A Bracket, Governor gear 4 32783 Intake Valve (Istd.) 1 12 27881 Spring, valve 2 50160; Valve 4 27881 Spring, valve 5 2780 Cupper valve pring 5 3505; Valve 5 2780 Cupper valve pring 5 2780 Cupper valve pring 5 3506; Valve Cupper valve 5 3506; Valve Cupper valve pring 5 3506; Valve Cupper valve pring 5 3506; Valve Cupper valve 6 3606; Valve Cupper valve 6 3060; Valve Cupper valve 7 3060; Valve Cupper valve 7 3060; Valve Cupper valve 8 3060; Valve Cupper valve	40	24524		Dieton Die 9 Diese Cet (Ctd.) (2 5/01 Dese)
13 34533 Piston, Pin & Ring Set (.020" OS)				
13A 33312B Piston & Pin Assý. (Std.)(2-5/8")(in cl.14) 13A 33314B Piston & Pin Assý. (O10" OS) (Incl. 14) 14 27888 Ring, Piston & Pin Assy. (O20" OS) (Incl. 14) 15 34854 Ring, Piston pin retaining 15 34855 Ring Set (O10" OS) 16 34856 Ring Set (O20" OS) 16 31380C Rod Assy. Connecting (Incl. 17) 17 650662C Bolt. Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 20 30622A Extension, Blower housing 21 650128 Screw, 10-24 x 1/2" 22 650561 Screw, 14-20 x 5/8" (Use as required) 23 30684 Gasket Cylinder Cover 24 31303B Cover, Cylinder (Incl. 26 & 34) 25 31546 Bushing, Crankshaft 26 28427 Seal, 0il 27 650488 Screw, 1/4-20 x 1-1/4" 28 650493 Screw, 1/4-20 x 1-1/4" 29 30990C Rod Assy., Governor (Incl. 30 & 31) 30 30700 Yoke, Governor 31 650494 Screw, 6-40 x 5/16" 33 29642 Ring, Retaining 36 35479 Washer, Flat 37 29193 Ring, Retaining 38 30691 Gear Assy., Governor 39 31843A Bracket, Governor 39 31843A Bracket, Governor 39 31843A Bracket, Governor 39 31843A Bracket, Governor 40 650836 Screw, 10-24 x 1/2" 41 32783 Intake Valve (Std.) 42 27880A Exhaust Valve (Std.) 42 27880A Exhaust Valve (In32" OS) 42 27880A Exhaust Valve (In32" OS) 42 27880A Exhaust Valve (In32" OS) 43 27882 Cp, Upper valve spring 5 50016 Screw, Upper valve spring				
13A 33313B Piston & Pin Assý. (010" OS) (incl. 14) 13A 33314B Piston & Pin Assý. (020" OS) (incl. 14) 14 27888 Ring Set (5td.) (2-5/8" Bore) 15 34854 Ring Set (5td.) (2-5/8" Bore) 15 34855 Ring Set (010" OS) 16 31380C Rod Assy., Connecting (incl. 17) 17 650662C Bolt. Connecting rod (incl. 2 pieces) 18 34034 Lifter, Valve 20 30622A Extension, Blower housing 21 650128 Screw, 10-24 x 1/2" 22 650561 Screw, 14-20 x 5/8" (Use as required) 23 30684 Gasket Cylinder Cover 24 31303B Cover, (14-20 x 1/2" (Use as required) 25 31546 Bushing, Crankshaft 26 28427 Seal, Oil 27 650488 Screw, 14-20 x 1-1/4" 28 650493 Screw, 14-20 x 1-1/4" 28 650493 Screw, 14-20 x 1-1/4" 29 30699C Rod Assy., Governor (Incl. 30 & 31) 30 30700 Yoke, Governor 31 650494 Screw, 14-20 x 1-1/4" 32 30688A Spool, Governor 33 29642 Ring, Retaining 34 31845 Shaft, Mechanical governor 35 30588A Spool, Governor 36 35479 Washer, Flat 37 29193 Ring, Retaining 38 30591 Gear Assy., Governor 41 32783 Intake Valve (Std.) 42 27879A Exhaust Valve (Std.) 43 27882 Cap, Upper valve spring 5pring, valve				
13A 33314B 14 27888 114 27888 15 34854 16 33855 17 34856 18 18 3985 (.020" OS) (Incl. 14) 18 34856 19 34856 19 31390C 19 60662C 19 8 34034 20 30622A 21 650128 22 650561 22 30063 23 30684 24 31303B 25 31546 26 28427 27 650488 28 650493 29 30699C 30 30700 31 650494 33 29642 34 31845 35 30588A 36 35479 37 29193 38 30591 39 31843A 40 650836 40 27884 41 27881 42 27880A 42 278882 42 401070 OS) Ring Set (Std.) (2-56°8 Bore) Ring, Piston & Pin Assý. (.020" OS) Ring, Set (Std.) (2-56°8 Bore) Ring, Set (Chru" OS) Ring, Set (Chru" OS) Ring Set (.010" OS) Ring, Retaining Ring,				
14 27888 Ring, Piston pin retaining 15 34854 Ring Set (Std.) (2-5/8" Bore) 15 34855 Ring Set (0.10" OS) 16 31380C Rod Assy., Connecting (Incl. 17) 17 650662C Bolt, Connecting rod (Incl. 2 pieces) 18 34034 Lifter, Valve 2 30622A Extension, Blower housing 21 650128 Screw, 10-24 x 1/2" 22 650561 Screw, 10-24 x 1/2" 22 650561 Screw, 1/4-20 x 5/8" (Use as required) 23 30684 Gasket Cylinder Cover 24 31303B Cover, Oylinder (Incl. 26 & 34) 25 31546 Bushing, Crankshaft 26 28427 Seal, Oil 27 650488 Screw, 1/4-20 x 1-1/4" 28 650493 Screw, 1/4-20 x 1-1/4" 29 30699C 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 36 35479 Washer, Flat 37 29193 Ring, Retaining 38 30591 Gear Assy., Governor 39 31843A Bracket, Governor 39 31843A Bracket, Governor gear 40 40 506836 Screw, 10-24 x 1/2" 41 32783 Intake Valve (Std.) 41 32784 Intake Valve (Gtd.) 42 27880A Exhaust Valve (Std.) 55 216,00 Screw, Cap. Upper valve spring 55 261,00 Screw, Cap. Upper valve spring 56 2780 Screw, 10-24 x 1/2" 57 10 10 10 10 10 10 10 10 10 10 10 10 10				
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Gap, Lower valve spring				
	40	J2J01		oap, Lower valve spilling

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	Part Number	Qty	Description
47	650814		Screw, 10-24 x 1"
48	34235		Ground Wire
48	35187		Wire, Ground
49	32589		Key, Flywheel
51	28938C		Gasket, Cylinder head
	30938A		Head, Cylinder
	33636		Resistor Spark Plug (RJ-8C)
	610118		Cover, Spark plug (Use as required)
	30939A		Cover Assy., Cylinder head
	650697A		Screw, 5/16-18 x 2-1/2" (Use as requi red)
	650694A		Screw, 5/16-18 x 2" (Use as required)
	650695A		Screw, 5/16-18 x 2-1/4" (Use as required)
	650690		Washer, Belleville (Use as required)
	650691		Washer, Flat (Use as required)
	29916		Clamp, Governor lever (Use as require d)
	30322		Locknut, 8-32
	33454		Lever Assy., Governor
	29918		Washer, Lock, No. 8 E.T.
	650548		Screw, 8-32 x 5/16"
	29216		Locknut, 10-32
	29826		Screw, 10-32 x 3/4"
	34662		Link, Throttle
	34661		Link, Governor
	35011		Control Bracket (Incl. 68, 69, 72 & 1 38)
	31342		Spring, Compression
	650549		Screw, 5-40 x 7/16"
	27793		Clip, Conduit
	28942		Screw, 10-32 x 3/8"
	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)
94A	34819		Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in
			730561 assembly only)
101	34158		Bracket, Fuel tank
	650665		Screw, 1/4-14 x 7/8"
	34159		Plate, Fuel tank mounting
	34186A		Fuel Tank (Incl. 105 & 107) NOTE: These tanks were built
	0.1100/1		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		Fuel Cap (White Plastic)(Std.)(As req uired)
105	33032		Fuel Cap (Red Plastic) (Spurt resistant, Low profile) (Use as
			required)

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	Part Number 34210	Qty	Description Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
			required)
105	35355		Fuel Cap (Red plastic) (Use as requir ed)
106	29774		Fuel Line (Braided, 8 1/4") (Use as r equired)
106	30962		Fuel Line (Braided, 32") (Use as required)
107	26460		Clamp, Fuel line (Use as required)
	32158E		Blower Housing (For electric starter)
	29747B		Screw, 5/16-24 x 21/32"
	32401		Muffler
	33714		Opt.Spark Arrest Muf.(Incl.112,143,14 4,144A)
	34390		Deflector, Exhaust (Optional)
	391026		Opt.Spark Arrest Muf.(Incl.143,143A,1 43B)
	30196		Screw, 5/16-18 x 3/4"
	26073		Washer, Flat
	650694A		Screw, 5/16 - 18 x 2"
	32125		Cup, Starter
	35009		Screen, Starter cup
	650815		Washer, Belleville
	8116		Nut, Hex
	29716		Screw, 1/4-28 x 7/16"
	31708		Bracket, Air cleaner
	28820		Screw, 10-32 x 1/2"
	31700		Element, Air cleaner
	31715		Body, Air cleaner
	650152		
			Screw, 8-32 x 3/8"
	29443		Clip, Ground wire
	34663		Spring, Speed control
	650821		Screw, 10-32 x 1/2"
	33171		Screen, Muffler (Use as required)
	650578		Screw, 8-18 x 3/8" (Use as required)
	33185		Cover & tube, Muffler (Use as require d)
	33700		Cover & Tube, Muffler (Use as require d)
	33323		Screen, Muffler (Use as required)
	34122A		Dipstick (Incl. 146)
	33590		"O" Ring
	33951A		Oil Fill Tube
	34174		Deflector, Exhaust
	650665		Screw, 1/4-15 x 7/8"
201	730164		Air Cleaner Ass'y. (Red Poly)(Incl.87,120,121,122,123,124 &
			230)(As req.)
201	730164		Air Cleaner Kit, Mini bike (Incl.87,120,121,122,123 & 124)
			(Use as required)
0014			,
	730130		Muffler Adapter Kit (Incl.110,112)(As req.)
201B	730561		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	611084		Flywheel
	650872		Stud, Solid State mounting
	34443A		Solid State Assy. (Incl. 54)
	34612		Decal, Air cleaner
	34607		Decal, Instruction
	30547A		Breaker Assy (Used on Std. Point igni tion)
	631021		Inlet, Needle Seat & Clip Assy.
	611077		Alternator (Optional)
241	650868		Screw, 8-18 x 1-1/8" (3 required)(Opt .)

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H60-75487N	Teedingen Engine Tures	Cuii 000 070 70 2 2	01 000 001	Page 5 of 5
Engine Parts List				

Ref #	Part Number	Qty	Description
242 243 244	611078 611079 590610 590613 632272		Connector, A.C. Lighting (Optional) Connector, D.C. Charging (Optional) Tube, Centering (Optional) Alternator Shaft (Optional) Carburetor (Incl. 85) (Refer to Division 5, Section A, Page 186 for breakdown)
252	590420A		Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)
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
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 110-120 volt starter motor kits listed above) (Used on Std. point ignition 1982 or later)
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*)