

| 1 2 2 2 2 2 2 4 | 33464A 31927 28483 9556 28534 27652 34019A | Qty | Cylinder (Incl. 2, 4 & 33) (3-1/2" Bo re) Pipe Plug, 3/8-18 sq. head (Use as re quired) Pipe Plug (3/8-18 hex countersunk) (A s req.) Pipe Plug (3/4-14 sq.hd.)(As req.)(Bu y local) Pipe Plug (1/8-27 sq. hd.) (Use as re quired) Pipe Plug(1/8-27 hex c/sunk headless) (As req) Pin, Dowel Crankshaft (Incl. 6 thru 9, 140 & 141) NOTE: When using this crankshaft to repair older units equippedwith straight cut cam and governor gears,it will be necessary to order 34751 helical governor gear assembly and 34752 helical camshaft in order to the complete the repair. |
|---|--|-----|---|
| 7 8 9 11A 11A 11A 11 11 11 11 11 12 13 13 13 14 14 14 15 16 17 18 19 20 21 22 23 24 25A 25 26 27 28 29 30 31 33 33 34 33 34 35 36 37 38 38 39 39 39 39 39 39 39 39 39 39 39 39 39 | 29783 34692 31932 31928 32238B 32239B 32240B 34511 34512 34513 31919 32241 32242 32243 33093A 34383 34384 32077 26073 28264 34752 33471 33505 33645 33506 33646 33507 33508 34410 33509 33510 34751 650745 35479 30590A 31948 31956B 34649 31950 650451 650492 | | Pin, Crankshaft (Pelical) Bearing, Tapered roller Cup, Bearing Piston & Pin Ass'y. (Std.)(3-1/2")(In cl.12) Piston & Pin Ass'y. (.010" OS) (Incl. 12) Piston & Pin Ass'y. (.020 " OS) (Incl. 12) Piston, Pin & Ring Set (Std.) (3-1/2" Bore) Piston, Pin & Ring Set (.010" OS) Piston, Pin & Ring Set (.020" OS) Piston, Pin & Ring Set (.020" OS) Ring, Piston pin retaining Ring Set (Std.) (3-1/2" Bore) Ring Set (.010" OS) Ring Set (.020" OS) Connecting Rod Assy.(Std.)(Incl.15, 1 6 & 17) Connecting Rod Assy.(.010" US)(Incl.1 5,16,17) Connecting Rod Assy.(.020" US)(Incl.1 5,16.17) Bolt, Connecting rod Washer, Connecting rod Washer, Connecting rod Nut Assy. Camshaft (MCR) (Helical) Lifter, Valve Rod, Push Intake Valve (Std.) Intake Valve (1/32" OS) Exhaust Valve (Std.) Exhaust Valve (Std.) Exhaust Valve (I/32" OS) Spring, Valve Retainer & Cap Set, Keeper valve * "O" Ring (Exhaust only) (Also Incl. in 251) * "O" Ring (Intake only) (Also Incl. in 251) Cap, Valve Governor Gear Ass'y. (Helical) Washer, Flat Washer, Flat Washer, Flat Washer, Flat (Use with 35322 spool) Washer, Flat Spool, Governor * Gasket, Cylinder cover Cover Assy., Cylinder (Incl. 2, 33 & 134) * Seal, Oil Screw, 1/4-20 x 1" Screw, 1/4-20 x 2-1/4" |
| 37 | 32425 32426 29193 | | Rod Assy., Governor Spacer, Governor rod Ring, Retaining |
| 30 | 20100 | | i ang, i caaming |

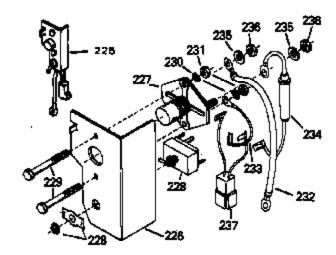
| 39 680736 Screw, 10-16 x 3/8" | Ref # | Part Number Qt | / Description |
|--|-------|----------------|-------------------------|
| 40 33495 41 34225A 42 34753 45 36552 46 660890 48A 660891 48A 660891 47 660892 47 A 660746 48 77 660892 48 | | | |
| 41 34/25A 42 34753 48 650691 48 650690 48 650690 48 650691 47 650692 48 650691 47 650692 48 670766 49 750218 49 730218 49 730218 49 730218 49 730218 49 730218 49 730218 49 730218 40 730305 40 730305 41 74 650692 40 730305 40 730305 41 74 650692 40 730218 40 730218 40 730218 40 730218 40 730218 41 730218 42 730218 43 730218 44 730218 45 730218 46 730218 47 650692 48 730218 49 730218 40 730218 41 730218 42 730218 43 730218 43 730218 43 730218 43 730218 43 730218 43 730218 43 730218 43 730218 43 730218 43 730218 54 731985 55 731984 56 731986 56 731986 57 731986 58 731986 59 731986 59 731986 50 7319866 50 731986 50 731986 50 731986 50 731986 50 731986 50 731986 | | | • |
| 42 34753 45 5552 46 650690 47 650690 48 650690 48 650691 47 650691 48 650690 48 650691 48 650690 49 Washer, Flat 47 650746 48 730218 49 730203 417 650746 49 730218 40 730203 418 Valve Guide Kit (Ind. 49) 49 730205 50 33515A 51 33475 52 650378 53 730208 53 730208 53 730208 53 730208 53 730208 53 730208 53 730208 54 75 75 Pipe, Intake 55 33477A 55 730476 56 730475 57 334776 58 730477 59 733477 59 733478 50 730307 50 73047 50 73047 5 | | | |
| 45 35562 Spark Piug (RL-B2C) 46 650690 Washer, Elet Washer, Flat 47 650691 Washer, Flat 47 650692 Sorew, 5716-18 x 1-3/4" 47 650692 Sorew, 5716-18 x 1-3/4" 48 730218 Valve Guide Kit (Incl. 49) 49 792035 Ring, Retaining 50 33515A "Gasket, Intake pipe 11 33475 Pipe, Intake 52 650378 Sorew, Tof-18 x 787 53 752028 Sorew, Tof-18 x 787 54 33476A "Gasket, Carburetor 55 33477A Billet, Arcelaner 55 73477A Billet, Arcelaner 56 792075 Nut, Lock 5716-24 (Used in early prod uction) 57 33478 Live Governor Lever to-throttle lever 1 59 31963 Lever, Governor 59 31964 Clarp, Governor lever-to-throttle lever 1 60 650518 Lockwasher, No. 10 E.T. 61 30312 Sorew, Tof-32 x 1/2" 62 650544 Sorew, Ton T-25, 10-24 x 7/8" 63 1965 Plate, Governor spring 64 31965 Plate, Governor spring 65 31984A Lever Assay, Control 66 26558 Washer, Weive 67 31966 Blashing, Governor lever 68 650697 Sorew, 10-24 x 5/8" 71 30099 Soring 72 32599 Tof Ring (Incl. in 251) 73 650666 Washer, Lock 74 32579 Billet (Incl. in 251) 74 650592 Key, Flywheel 75 650592 Key, Flywheel 18 33479 Lock Sorew, 10-24 x 24" 18 33479 Lock Sorew, 10-24 x 28" 18 33481 Sorew, 10-24 x 38" 19 034754 Blower housing 8 35475 Housing Assay 19 034754 19 034754 Sorew, 10-24 x 38" 19 034754 19 034754 19 034754 19 034754 19 034754 19 034754 19 034754 19 034754 19 034754 19 034754 19 034754 19 034754 19 0348754 19 034754 | | | |
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| 47A 650746 48 730218 49 792035 49 792035 79 33515A 49 792035 81 Ring, Retaining 40 792035 81 Screw, Tox T-30, 5/16-18 x 1-1/8" 52 650378 53 792029 54 33476A 56 792075 57 33477A 58 198207 58 198207 59 131964 60 650518 61 30312 62 650544 63 7975 64 31965 65 31984A 65 26558 67 31966 68 26558 67 31966 69 21568 69 31967 70 650591 71 33099 72 25599 72 25599 73 43279 74 13099 75 650561 76 650591 77 610909 78 650561 78 650592 79 78 79 79 79 79 79 79 80 80 80 80 80 80 80 80 80 80 80 80 80 | | | · |
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| 50 33516A "Gasket, Intake pipe 51 334775 52 650378 Screw, Tox T-30, 5/16-18 x 1-1/8" 52 650378 Screw, 5/16-18 x 78" 53 792028 Screw, 5/16-18 x 78" 54 33476A "Gasket, Carburetor 55 334776A Baffle, Air cleaner 56 792075 Nut, Lock 5/16-24 (Used in early prod uction) 57 33478 Link, Governor lever-to-throttle leve r 58 31963 Lever, Governor 59 31984 Clamp, Governor lever 60 650518 Lockwasher, No. 10 E.T. 61 30312 Screw, 10-32 x 1/2" 62 650544 Screw, 10-32 x 1/2" 63 7975 Nut, 10-24 63 31965 Plate, Governor spring 64 31965 Plate, Governor spring 65 31994A Lever Assy., Control 66 28558 Washer, Wave 67 31966 Bushing, Governor lever 68 650597 Screw, 10-24 x 5/8" 69 31967 Spring, Governor lever 70 650591 Screw, 10-24 x 5/8" 71 303099 Spring 72 32599 Spring 73 650666 Washer, Lock 74 32579 Baffle, Bolwer housing 75 650592 Key, Flywheel 77A 730201 Trigger Pin Kit (Use as required) 776 650594 Nut, Flywheel 78 650595 Screw, 1/4-20 x 5/8" 79 610506 Solid State Magneto (Incl. 158 thru 1 61) 83 3479 Extension, Blower housing 85 3675 Screw, 1/4-20 x 3/4" 84 33479 Extension, Blower housing 85 36055 Screw, 1/4-20 x 3/4" 86 860595 Screw, 1/4-20 x 3/4" 87 30063 Screw, 1/4-20 x 3/4" 88 360751 Screw, 1/4-20 x 3/4" 88 360752 Screw, 1/4-20 x 3/4" 88 3674 Washer, Lock 88 660595 Screw, 1/4-20 x 3/4" 89 30063 Screw, 1/4-20 x 3/4" 80 30764 Washer, Lock 86 660595 Screw, 1/4-20 x 3/4" 87 Screw, 1/4-20 x 3/4" 88 360752 Screw, 1/4-20 x 3/4" 88 360752 Screw, 1/4-20 x 3/4" 89 30484 ""O'' Ring (Also Incl. in 251) 80 34764 Washer, Lock 86 660595 Screw, 1/4-20 x 3/4" 87 Screw, 1/4-20 x 3/4" 88 36475 Tube, Push rod 80 30484 ""O'' Ring (Also Incl. in 251) 80 34764 Washer, Flat | | | , |
| 51 33475 52 650378 53 792028 53 792028 54 33476A 55 792075 56 792075 57 34477 56 792075 58 31963 59 31964 60 650518 61 30312 62 650544 63 7975 64 31965 65 31985 66 31985 67 31985 67 31986 68 650597 69 31986 68 650597 79 3298 70 650591 71 33099 72 32599 70 650591 71 650666 71 650592 71 76 650594 71 650594 71 610909 71 610909 71 610909 71 610909 71 610909 71 610909 71 610909 71 610906 71 610909 71 610909 71 610909 71 610909 71 610909 71 610909 72 32599 73 650661 74 33479 75 610909 76 650594 77 610909 77 610909 78 650594 79 610906 79 79 70 70 70 70 70 70 70 70 70 70 70 70 70 | | | |
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| \$3 792028 \$4 33476A \$5 33477A \$5 732075 \$6 792075 \$1 Nut, Lock \$716-24 (Used in early prod uction) \$6 792075 \$7 33478 \$1 Link, Governor lever-to-throttle leve r \$6 31964 \$6 650518 \$1 Lockwasher, No. 10 E.T. \$6 31964 \$1 03012 \$2 Screw, 10-32 x.1/2" \$2 650544 \$3 1965 \$4 31966 \$6 31984A \$1 Lever, Governor spring \$6 31984A \$1 Lever Assy., Control \$6 28558 \$6 31984A \$1 Lever Assy., Control \$6 28558 \$6 31984A \$1 Lever Assy., Control \$6 28558 \$6 319866 \$8 660697 \$9 31967 \$70 650591 \$2 Screw, 10-24 x 5/8" \$9 31967 \$70 650591 \$2 Screw, 10-24 x 2" \$71 33099 \$72 32599 \$73 650666 \$74 32579 \$75 Baffle, Blower housing \$76 650592 \$77A 730201 \$76 650592 \$77A 730201 \$76 650592 \$77A 730201 \$77 610909 \$78 650661 \$79 610909 \$78 650661 \$79 Flywheel \$79 610909 \$79 610909 \$79 610909 \$70 650591 \$70 650592 \$71 70 650592 \$72 32799 \$73 650661 \$74 32579 \$75 650661 \$76 650592 \$77A 730201 \$77 610909 \$78 650694 \$79 610909 \$79 650696 \$70 Screw, 14-20 x 5/8" \$70 610909 \$70 650591 \$70 650592 \$71 70 70 650691 \$72 8279 \$73 730201 \$74 730201 \$75 650661 \$75 8279 \$76 650592 \$774 730201 \$77 610909 \$78 650594 \$79 610906 \$70 Solid State Magneto (Ind. 158 thru 1 61) \$70 650595 \$71 Screw, 14-20 x 3/4" \$71 823 30063 \$71 Screw, 14-20 x 3/4" \$72 Screw, 14-20 x 3/4" \$73 Screw, 14-20 x 3/4" \$74 Washer, Lock \$75 Washer, Lock \$75 Washer, Lock \$75 Washer, Lock \$76 850595 \$77 850752 \$77 Washer, Lock \$77 Washer, Flath \$77 Washer, Flath \$70 W | | | • |
| \$4 33476A \$5 33477A \$5 792075 \$6 792075 \$1 Nut, Lock \$716-24 (Used in early prod uction) \$7 33478 \$1 Link, Governor lever-to-throttle leve r \$8 31963 \$1963 \$1964 \$1 Lever, Governor \$1 30312 \$2 Clamp, Governor lever-to-throttle leve r \$1 30312 \$2 Screw, 10-32 x 1/2" \$2 650544 \$3 7975 \$1 Nut, 10-24 x 778" \$3 19865 \$4 319865 \$7 319866 \$1 Sersey, Tonx 7-25, 10-24 x 778" \$4 319865 \$6 319844 \$4 Lever Assay, Control \$6 28558 \$6 319844 \$6 19866 \$6 19866 \$7 319866 \$6 19867 \$7 Spring, Governor lever \$6 605697 \$6 1987 \$7 10 650591 \$7 Spring, Governor \$7 6 650591 \$7 Spring, Forward, 10-24 x 2" \$7 300666 \$7 Spring, Governor \$7 6 650561 \$7 Spring, Forward, 10-24 x 2" \$7 7 7 10909 \$7 6 650561 \$7 Spring, Forward, 10-24 x 58" \$7 6 650561 \$7 Spring, Governor \$7 6 650561 \$7 Spring, Forward, 10-20 x 68" \$7 6 650592 \$7 Spring, Governor \$7 6 10909 \$7 6 650591 \$7 Spring, Governor \$7 6 10909 \$7 6 650591 \$7 Spring, Inc. in 251) \$7 6 650561 \$7 Spring, Inc. in 251) \$7 6 650591 \$7 Spring, Inc. in 251) \$7 6 650592 \$7 Spring, Inc. in 251) \$7 6 650593 \$7 Spring, Inc. in 251) \$7 6 650594 \$7 Spring, Inc. in 251) \$7 6 650595 \$7 Spring, Inc. in 251) \$ | | | |
| 55 33477A Baffle, Air cleaner 56 792075 Nut, Lock 5/16-24 (Used in early prod uction) 57 33478 Link, Governor lever-to-throttle leve r 58 31963 Lever, Governor lever 60 650518 Lockwasher, No. 10 E.T. 61 30312 Screw, 10-32 x 1/2" 62 650644 Screw, Torx T-25, 10-24 x 7/8" 63 7975 Nut, 10-24 64 31965 Plate, Governor spring 65 31984A Lever Assy, Control 66 28558 Washer, Wave 67 31966 Bushing, Governor lever 68 650597 Screw, 10-24 x 5/8" 69 31967 Spring, Governor 70 650591 Screw, 10-24 x 2" 71 33099 Spring 72 32599 "O" Ring (Incl. in 251) 73 350666 Washer, Lock 74 32579 Baffle, Blower housing 75 650569 Washer, Lock 77A 730201 Trigger Pin Kit (Use as required) 77 yinhel | | | |
| 56 792075 57 33478 Link, Governor lever-to-throttle leve r Lever, Governor 59 31963 Lever, Governor lever 60 650518 61 30312 62 650544 63 7975 Nut, 10-24 64 31965 65 31984A Lever, Sovernor lever 65 2558 64 31965 65 31984A Lever Assy, Control 66 28558 Washer, Wave 66 28558 Washer, Wave 67 31966 Bushing, Governor lever 68 650597 Sorew, 10-24 x 5/8" 59 31967 50 50591 Sorew, 10-24 x 5/8" 59 31967 50 50591 50 507 Sorew, 10-24 x 2" 50 50666 Washer, Lock 74 32579 Falle, Blower housing 75 650561 Sorew, 11-20 x 5/8" 76 650592 Falle, Blower housing 76 650594 Trigger Pin Kit (Use as required) Flywheel 77 610909 Flywheel 78 650594 Nut, Flywheel 79 610906 Solid State Magneto (Incl. 158 thru 1 61) Sorew, 114-20 x 3/4" Extension, Blower housing Extension, Blower housing Extension, | | | • |
| 57 33478 | | | |
| 58 31964 60 650618 | | | , |
| 59 31964 Clamp, Governor lever 60 650518 Lockwasher, No. 10 E.T. 61 30312 Screw, 10-32 x 1/2" 62 650544 Screw, 10-32 x 1/2" 63 7975 Nut, 10-24 64 31965 Plate, Governor spring 65 31984A Lever Assy., Control 66 28558 Washer, Wave 67 31966 Bushing, Governor lever 68 650597 Screw, 10-24 x 5/8" 69 31967 Spring, Governor 70 650591 Screw, 10-24 x 2" 71 3309 Spring 72 32599 "O' Ring (Incl. in 251) 73 650666 Washer, Lock 74 32579 Baffle, Blower housing 75 650561 Screw, 14-20 x 5/8" 76 650592 Key, Flywheel 77 730201 Trigger Pin Kit (Use as required) 77 610909 Flywheel 79 610906 Solid State Magneto (Incl. 158 thru 1 61) 80 650661 Screw, 1/4-20 x 3/4" 81 33479 Extension, Blower housing 82 30063 Screw, 1/4-20 x 3/4" 83 35575 Blower Housing 84 33775A Blower Housing 85 8274 Washer, Lock 86A 650595 Screw, 1/4-20 x 3/4" 85A 8274 Washer, Lock 86A 650595 Screw, 5/16-24 x 3/8" 86 500752 Screw, 5/16-24 x 3/8" 87 650752 Screw, 1/4-20 x 7/16" 89 33481 ""O' Ring (Also Incl. in 251) 90 34754 Housing, Rocker arm 90 Kasher, Flat | | | · |
| 60 650518 61 30312 62 650544 63 7975 64 31965 65 31984A 66 28558 67 31966 6 8 Bushing, Governor spring 66 650591 69 31967 70 650591 71 33099 72 32599 73 650566 74 32579 75 650561 76 650592 77 76 76 650591 77 76 71090 78 650592 79 78 78 78 78 78 78 78 78 78 78 78 78 78 | | | |
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| 62 650544 63 7975 Nut, 10-24 64 31965 Plate, Governor spring 65 31984A Lever Assy., Control 66 28558 Washer, Wave 67 31966 Bushing, Governor lever 68 650597 Screw, 10-24 x 5/8" 69 31967 Spring, Governor 70 650591 Screw, 10-24 x 2" 71 33099 Spring 72 32599 "O" Ring (Incl. in 251) 73 650666 Washer, Lock 74 32579 Baffle, Blower housing 75 650561 Screw, 14-20 x 5/8" 76 650592 Key, Flywheel 77 610909 Flywheel 78 650594 Nut, Flywheel 79 610906 Solid State Magneto (Incl. 158 thru 1 61) 80 650661 Screw, 1/4-20 x 3/4" 81 33479 Extension, Blower housing 8 20063 Screw, 1/4-20 x 3/4" 81 33479 Extension, Blower housing 8 20063 Screw, 1/4-20 x 7/16" 84 33775A Blower Hsg, (Incl. 218A, 219) (For elec.s tarter) 85 8274 Washer, Lock 86A 650595 Screw, 1/4-20 x 7/16" 88 33481 "O" Ring (Also Incl. in 251) 90 34754 91 Housing, Rocker arm 1"O" Ring (Also Incl. in 251) 91 Housing, Rocker arm 1"O" Ring (Also Incl. in 251) 91 Housing, Rocker arm 1"O" Ring (Also Incl. in 251) 1 Housing, Rocker arm 1"O" Ring (Also Incl. in 251) 1 Housing, Rocker arm 1"O" Ring (Also Incl. in 251) 1 Housing, Rocker arm 1"O" Ring (Also Incl. in 251) 1 Housing, Rocker arm 1"O" Ring (Also Incl. in 251) 1 Housing, Rocker arm 1"O" Ring (Also Incl. in 251) 1 Housing, Rocker arm 1"O" Ring (Also Incl. in 251) 1 Housing, Rocker arm 1"O" Ring (Also Incl. in 251) 1 Housing, Rocker arm 1"O" Ring (Also Incl. in 251) 1 Housing, Rocker arm 1"O" Ring (Also Incl. in 251) | | | |
| 63 7975 64 31965 65 31984A | | | Screw, 10-32 x 1/2" |
| 64 31965 65 31984A 66 28558 Washer, Wave 67 31966 Bushing, Governor lever 68 650597 Screw, 10-24 x 5/8" 59 31967 Spring, Governor 70 650591 Screw, 10-24 x 2" 571 33099 Spring 72 32599 "O" Ring (Incl. in 251) 73 650666 Washer, Lock 74 32579 Baffle, Blower housing 560651 Screw, 1/4-20 x 5/8" 76 650592 Key, Flywheel 77A 730201 Trigger Pin Kit (Use as required) Flywheel 79 610906 Solid State Magneto (Incl. 158 thru 1 61) 80 650661 Screw, 1/4-20 x 3/4" Stevension, Blower housing 82 30063 Screw, 1/4-20 x 3/4" Stevension, Blower housing 83 650751 Screw, 1/4-20 x 3/4" Blower housing 84 33775A Blower housing 85 8274 Washer, Lock 86A 650595 Screw, 1/4-20 x 7/16" Blower housing 86 650595 Screw, 1/4-20 x 3/4" Stevension, Blower housing 87 650752 Screw, 1/4-20 x 3/4" Washer, Lock 86A 650595 Screw, 5/16-24 x 3/8" Screw, 1/4-20 x 7/16" Tube, Push rod 10 34754 Housing, Rocker arm 10 34844 10 70 Ring (Also Incl. in 251) Housing, Rocker arm 10 34844 10 70 Ring (Also Incl. in 251) Washer, Flat | | | |
| 65 31984A 66 28558 Washer, Wave 67 31966 Bushing, Governor lever 68 650597 Screw, 10-24 x 5/8" 69 31967 Spring, Governor 70 650591 Screw, 10-24 x 2" 71 33099 Spring 72 32599 "O" Ring (Incl. in 251) Washer, Lock 74 32579 Baffle, Blower housing 75 650561 Screw, 11-24 x 5/8" 76 650592 Key, Flywheel 77A 730201 Trigger Pin Kit (Use as required) Flywheel 78 650594 Nut, Flywheel 79 610906 Solid State Magneto (Incl. 158 thru 1 61) 80 650661 Screw, 1/4-20 x 3/4" B1 33479 Extension, Blower housing 82 30063 Screw, 1/4-20 x 1/2" Screw, 1/4-20 x 1/2" Blower housing Screw, 1/4-20 x 1/2" Screw, 1/4-20 x 1/2" Screw, 1/4-20 x 7/16" Blower hsg.(Incl.218A,219)(For elec.s tarter) Washer, Lock 86A 650595 Screw, 5/16-24 x 3/8" Screw, 1/4-20 x 7/16" B1 33481 PO Ring (Also Incl. in 251) Housing, Rocker arm "O" Ring (Also Incl. in 251) Housing, Rocker arm "O" Ring (Also Incl. in 251) | 63 | 7975 | Nut, 10-24 |
| 66 28558 67 31966 | 64 | 31965 | Plate, Governor spring |
| 67 31966 68 650597 69 31967 70 650591 71 33099 72 32599 73 650666 74 32579 75 660561 76 650591 77 6605691 78 670666 79 8affle, Blower housing 79 650561 70 650591 70 Ring (Incl. in 251) 70 Ring (Incl. in 251) 71 650666 72 32579 73 650661 74 32579 75 660561 76 650592 77A 730201 77 610309 78 650594 79 610306 79 610306 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 80 650661 80 50061 8 | 65 | 31984A | Lever Assy., Control |
| 68 650597 69 31967 70 650591 Spring, Governor 70 650591 Screw, 10-24 x 2" Spring 71 33099 Spring 72 32599 "O" Ring (Incl. in 251) 73 650666 Washer, Lock 74 32579 Baffle, Blower housing 75 650561 76 650592 Triang (Incl. in 251) Trianger Pin Kit (Use as required) Flywheel Solid State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" Screw, 1/4-20 x 3/4" Screw, 1/4-20 x 3/4" Screw, 1/4-20 x 3/4" State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" Screw, 1/4-20 x 3/4" Screw, 1/4-20 x 3/4" State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" Screw, 1/4-20 x 3/4" Screw, 1/4-20 x 3/4" Screw, 1/4-20 x 3/4" State Magneto (Incl. 158 thru 1 61) Screw, 1/4-20 x 3/4" Screw, 1/4-20 | 66 | 28558 | Washer, Wave |
| 69 31967 70 650591 Spring, Governor 70 650591 Screw, 10-24 x 2" 71 33099 Spring 72 32599 "O" Ring (Incl. in 251) 73 650666 Washer, Lock 74 32579 Baffle, Blower housing 75 650561 Screw, 1/4-20 x 5/8" 76 650592 Key, Flywheel 77A 730201 Trigger Pin Kit (Use as required) Flywheel 78 650594 Nut, Flywheel 79 610906 Solid State Magneto (Incl. 158 thru 1 61) 80 650661 Screw, 1/4-20 x 3/4" 81 33479 Extension, Blower housing 82 30063 Screw, 1/4-20 x 3/4" 83 650751 Screw, 1/4-20 x 7/16" 84 33775A Blower Hsg,(Incl.218A,219)(For elec.s tarter) 85 8274 Washer, Lock 86A 650595 Screw, 5/16-24 x 3/8" 86 650595 Screw, 5/16-24 x 3/8" 87 650752 Screw, 1/4-20 x 7/16" 88 33481 "O" Ring (Also Incl. in 251) Housing, Rocker arm "O" Ring (Also Incl. in 251) Washer, Flat | 67 | 31966 | Bushing, Governor lever |
| 70 650591 71 33099 72 32599 73 650666 74 32579 75 650561 76 650592 77 730201 77 610909 78 650594 79 610906 79 610906 79 610906 79 650661 70 650661 70 650594 70 610906 70 650661 70 650661 70 610909 71 610909 72 610906 73 650661 74 32579 75 650561 76 650594 77 710909 78 650594 79 610906 79 610906 79 610906 70 650661 70 610907 70 610909 71 610909 72 650594 73 650594 74 610906 75 650661 76 650594 77 610909 78 650594 79 610906 79 610906 70 650661 70 600000000000000000000000000000000000 | 68 | 650597 | Screw, 10-24 x 5/8" |
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| 71 33099 72 32599 73 650666 74 32579 8affle, Blower housing 75 650561 76 650592 77 77 730201 78 650594 79 610909 79 610906 79 610906 80 80661 81 33479 82 30063 83 650751 84 33775A 85 8274 85 8274 86 650595 87 660595 88 8274 88 650595 86 650595 87 650752 87 650752 88 35475 89 33481 89 34754 89 3484 80 65068 70 Ring (Incl. in 251) Washer, Lock Washer, Fight Washer, Fight Washer, Fight Washer, Fight Washer, Fight | 70 | 650591 | |
| 72 32599 | | | · |
| 73 650666 74 32579 Baffle, Blower housing 75 650561 Screw, 1/4-20 x 5/8" 76 650592 Key, Flywheel 77A 730201 Trigger Pin Kit (Use as required) 77 610909 Flywheel 78 650594 Nut, Flywheel 79 610906 Solid State Magneto (Incl. 158 thru 1 61) 80 650661 Screw, 1/4-20 x 3/4" 81 33479 Extension, Blower housing 82 30063 Screw, 1/4-20 x 1/2" 83 650751 Screw, 1/4-20 x 7/16" 84 33775A Blower Hsg.(Incl.218A,219)(For elec.s tarter) 85 8274 Washer, Lock 85A 8274 Washer, Lock 86A 650595 Screw, 5/16-24 x 3/8" 86 650595 Screw, 1/4-20 x 7/16" 88 35475 Tube, Push rod 89 33481 * "O" Ring (Also Incl. in 251) 90 34754 94 33484 * "O" Ring (Also Incl. in 251) 95 650168 Washer, Flat | | | |
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| 89 33481 * "O" Ring (Also Incl. in 251) 90 34754 Housing, Rocker arm 94 33484 * "O" Ring (Also Incl. in 251) 95 650168 Washer, Flat | | | • |
| 90 34754 Housing, Rocker arm 94 33484 * "O" Ring (Also Incl. in 251) 95 650168 Washer, Flat | | | |
| 94 33484 * "O" Ring (Also Incl. in 251) 95 650168 Washer, Flat | | | |
| 95 650168 Washer, Flat | | | |
| | | | |
| 96 3261UA Screw, 1/4-20 x 29/32" | | | |
| | 96 | 320 IUA | SUIEW, 1/4-20 X 29/32" |

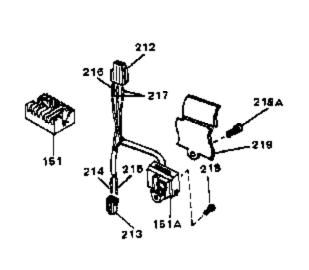
| D.C. | Deat Marshau | Οι | D |
|------|--------------|-----|---|
| | Part Number | Qty | Description |
| | 33485 | | Arm, Rocker |
| | 33486 | | Ring, Retaining |
| | 650755 | | Screw, 1/4-20 x 3/4" |
| | 650864 | | Nut, Hex, 1/4-20 |
| 101 | 650756 | | Stud, Rocker arm |
| 102 | 33487 | | * "O" Ring (Also Incl. in 251) |
| 103 | 33488 | | Cover, Rocker arm |
| 104 | 31958A | | * Gasket, Breather (Also Incl. in 251) |
| 105 | 33489 | | Body Assy., Breather |
| | 33490 | | Tube, Breather |
| | 30102 | | * Screw, 10-32 x 5/8" (Also Incl. in 25 1) |
| | 650738 | | Screw, 1/4-20 x 5/8" |
| | 35471 | | * Gasket, Air cleaner |
| | 35472 | | Bracket, Air cleaner |
| | 650399 | | Screw, 10-32 x 5/8" |
| | 32008 | | Element, Air cleaner |
| | 32810 | | · |
| | | | Cover, Air cleaner |
| | 650513 | | Nut, Wing |
| | 32426 | | Spacer, Screen |
| | 33776 | | Screen, Pulley |
| | 650670 | | Screw, 1/4-20 x 3/4" |
| | 27070 | | Washer, Lock |
| | 650675 | | Washer, Flat |
| | 650744 | | Screw, 10-24 x 7/8" |
| | 34650 | | Tube extension, Oil fill |
| 146 | 32577 | | Cover, Cylinder NOTE: Determine the gap between the cover |
| | | | and the machined surface on the cylinder, which can be |
| | | | from .001" up to .007", in which case no shim gaskets will be |
| | | | required. Use of gaskets must be limited to a combined total |
| | | | of .010" thick. Steel spacersmust be used as required to eli |
| 1/17 | 792028 | | Screw, 5/16-18 x 7/8" |
| | 31971 | | * Gasket, Shim (.004/.005 thick) NOTE: Determine the gap |
| 133 | 319/1 | | between the cover and the machined surface on the |
| | | | |
| | | | cylinder, which can be from .001" up to .007", in which case |
| | | | no shim gaskets will be required. Use of gaskets must be |
| | | | limited to a combined total of .010" thick. Steel |
| | | | spacersmust be used a |
| 156 | 31972 | | * Gasket, Shim (.005/.007 thick) NOTE: Determine the gap |
| | | | between the cover and the machined surface on the |
| | | | cylinder, which can be from .001" up to .007", in which case |
| | | | no shim gaskets will be required. Use of gaskets must be |
| | | | limited to a combined total of .010" thick. Steel |
| | | | spacersmust be used a |
| | | | • |
| 157 | 32031 | | * Spacer, Steel (.010 thick) NOTE: Determine the gap |
| | | | between the cover and the machined surface on the |
| | | | cylinder, which can be from .001" up to .007", in which case |
| | | | no shim gaskets will be required. Use of gaskets must be |
| | | | limited to a combined total of .010" thick. Steel |
| | | | spacersmust be used as re |
| 450 | 610119 | | |
| | 610118 | | Cover, Spark plug |
| | 610750 | | Grommet, Lead wire |
| | 610408 | | Nut, 8-32 |
| | 610908 | | Terminal, Female |
| | 27793 | | Clip, Conduit |
| | 28942 | | Screw, 10-32 x 3/8" |
| 189 | 33069 | | Dipstick (Incl. 190) |
| | | | |

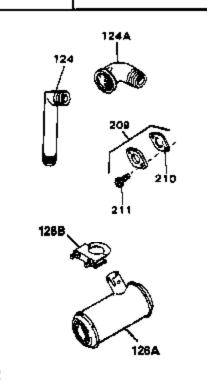
| Ref # | Part Number Q | ty Description |
|-------|-----------------|--|
| 190 | 29673 | * Gasket, Oil filler |
| 244 | 34346 | Decal, Instruction |
| 244B | 31752 | Decal, Air cleaner |
| 244A | 34768 | Decal, Name |
| 246 | 631687 | Valve, Seat & Spring Assy. |
| 247 | 632197 | Carburetor (Incl. 54 & 246) (Refer to Division 5, Section A, page 160 for breakdown) |
| | 33516G 35075 | * Gasket Set (Incl. items marked *) "O" Ring Kit (Incl. Nos. items marked +) |

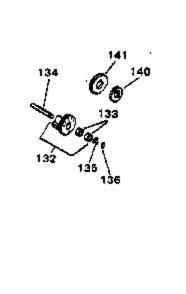
ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY CEM.

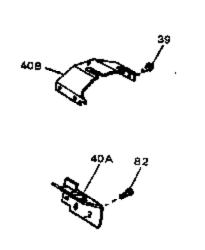
VIEW 2 of 3

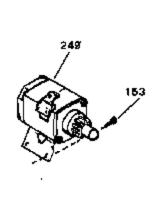


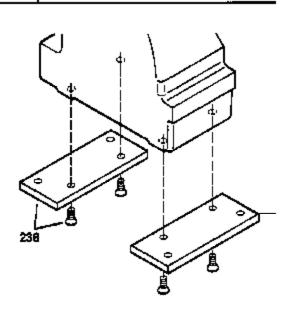






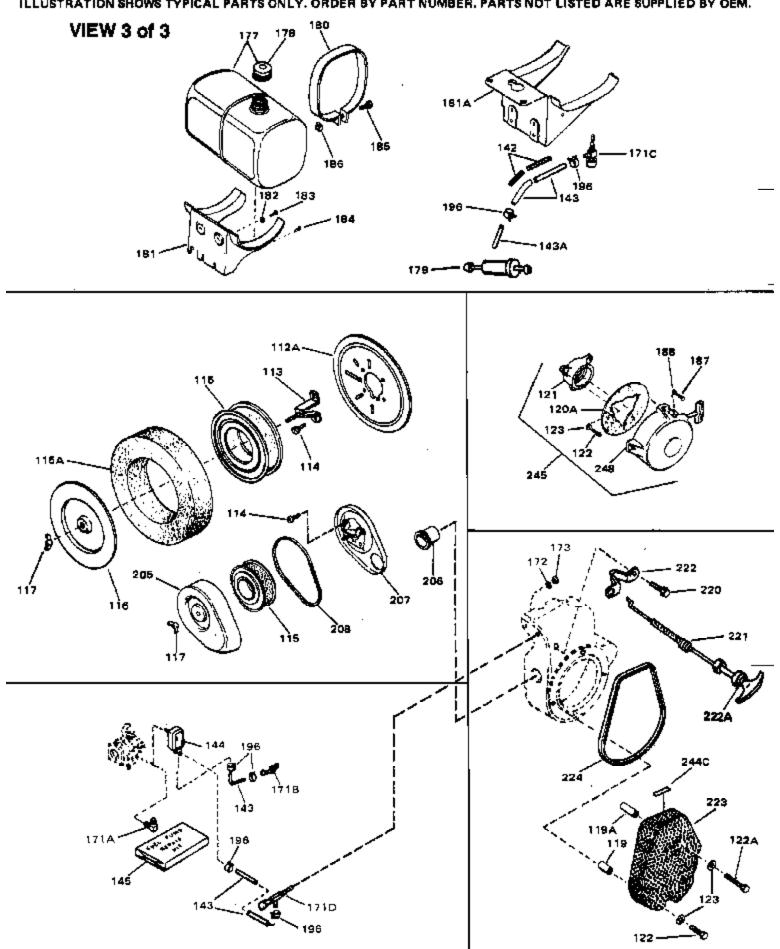






| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|--|
| | 650736 | | Screw, 10-16 x 3/8" |
| 82 | 30063 | | Screw, 1/4-20 x 1/2" |
| 126A | 35731 | | Muffler (Incl. 126B) |
| 132 | 34651 | | Weight Assy., Counterbalance |
| 133 | 33501 | | Bearing, Needle |
| 134 | 33502 | | Shaft, Counterbalance |
| 135 | 33503 | | Washer, Thrust |
| 136 | 792017 | | Ring, Retaining |
| 140 | 33499 | | Spacer |
| 141 | 33963 | | Gear, Counterbalance weight (Helical teeth) |
| 141 | | | Gear, Counterbalance weight (Straight teeth) (For |
| | | | replacement see Ref. 132. Order correct kit for your |
| | | | enginemodel number.) |
| 148 | 610902 | | Alt.Coil Ass'y. (Incl.162,163,163A) (20 amp) |
| | 650521 | | Screw, 10-32 x 1-1/8" |
| | 610996 | | Regulator (20 Amp) (Incl. 212 thru 21 8) |
| | 792028 | | Screw, 5/16-18 x 7/8"(Use w/32817 str .motor) |
| | 650781 | | Screw,5/16-18 x 11/16"(Use w/33835 st r.motor) |
| | 610903 | | Connector, Flat |
| | 610905 | | Terminal |
| 163 | 610904 | | Terminal |
| 209 | 730178 | | Ech.Adapter Kit (Incl.210 & 211)(As r equired) |
| 210 | 34102B | | Gasket, Exhaust (Use as required) |
| 211 | 30196 | | Screw, 5/16-18 x 3/4" (Use as require d) |
| 212 | 610990 | | Connector, Male |
| 213 | 610921 | | Connector |
| 214 | 610922 | | Terminal |
| 215 | 610989 | | Terminal |
| 216 | 610992 | | Terminal, Female |
| 217 | 610991 | | Terminal, Female |
| | 30063 | | Screw, 1/4-20 x 1/2" |
| 238 | 730212 | | Adapter Plate Kit (Optional) NOTE: If you are having |
| | | | mounting problems in using a HH100 thru0H180 inplace of a |
| | | | large frame competitivebrand, we would like to call your |
| | | | attention to 730212 adapter plate kit. The kit converts the |
| | | | bottom mounting system found on HH100 thru 0H180 to a |
| | | | top mounting sys |
| 249 | 33835 | | Electric Starter Motor (12-Volt) (Refer to Division 5, Section |
| 210 | | | D for breakdown) |
| | | | - · · · · · · · · · · · · · · · · · · · |

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER, PARTS NOT LISTED ARE SUPPLIED BY DEM.



| Ref # | Part Number Qty | Description |
|-------|-----------------|--|
| 114 | 650399 | Screw, 10-32 x 5/8" |
| 115 | 32008 | Element, Air cleaner |
| 117 | 650513 | Nut, Wing |
| 119 | 32426 | Spacer, Screen |
| 122 | 650670 | Screw, 1/4-20 x 3/4" |
| 123 | 27070 | Washer, Lock |
| 123 | 650675 | Washer, Flat |
| 143 | 29774 | Fuel Line (Braided 8.25")(21 cm)(As r equired) |
| 143 | 30705 | Fuel Line (Braided 16")(41 cm)(As req uired) |
| 143 | 30962 | Fuel Line (Braided 32")(81 cm)(As req uired) |
| 144 | 32959 | Pump, Impulse fuel |
| 145 | 33010 | Repair Kit, Impulse fuel pump |
| 171B | 32958 | Fitting, Fuel pump |
| 178 | 410144B | Fuel Cap (White Plastic)(Std)(As requ ired) |
| 178 | 34210 | Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required) |
| 196 | 26460 | Clamp, Fuel line (Use as required) |
| 245 | 730134 | Rewind Starter Kit (Incl.120A, 121, 122, 187, 188 & 248) (Use as required) |