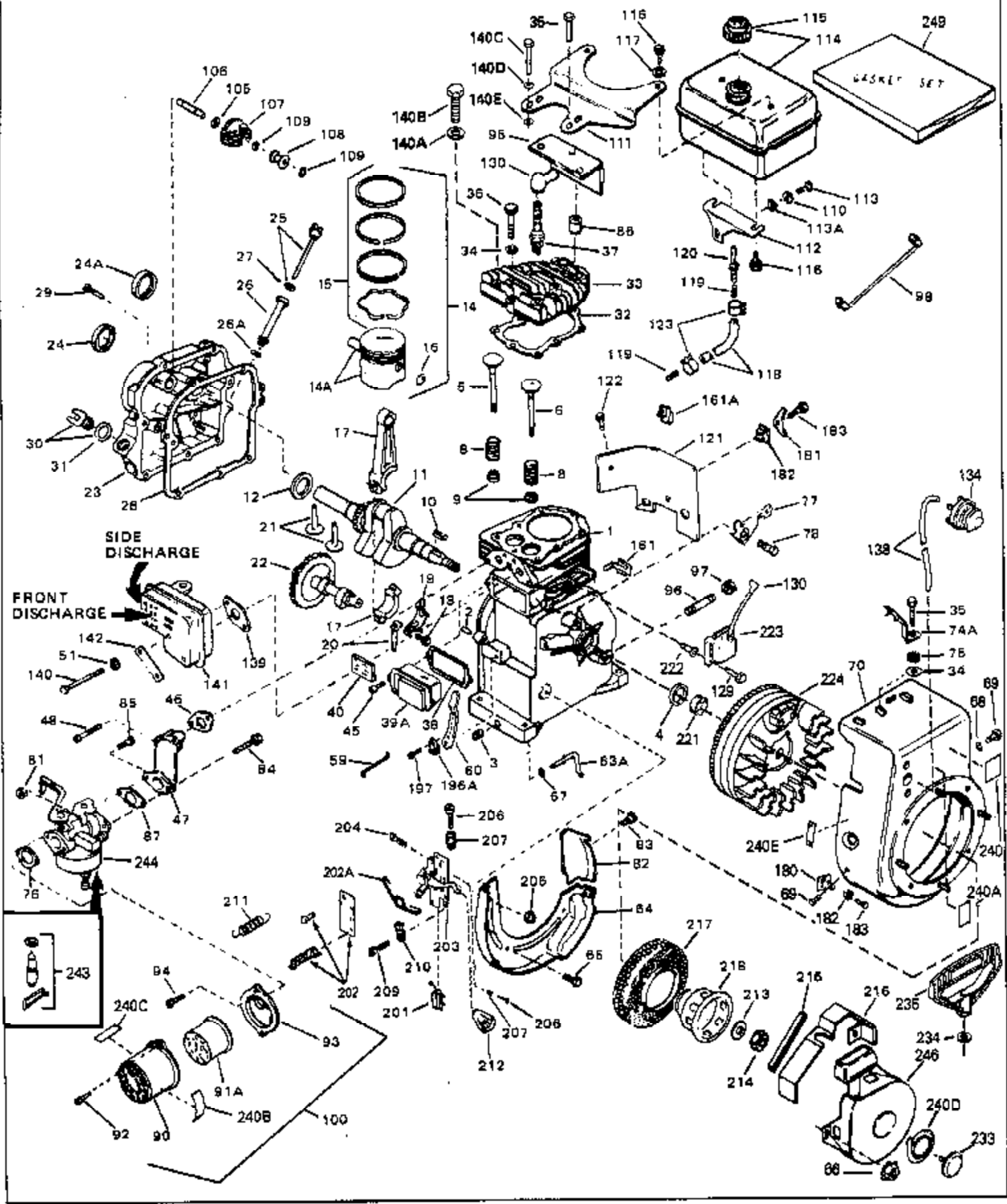


ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|--|
| 1 | 33674B | | Cylinder (Incl. 2, 3 & 4) (2-13/16" B ore) |
| 2 | 26727 | | Pin, Dowel |
| 3 | 27642 | | Oil Drain Plug |
| 3 | 28582 | | Oil Drain Plug |
| 4 | 32600 | | Seal, Oil |
| 5 | 32644A | | Intake Valve (Std.) (Incl. 9) |
| 5 | 32645A | | Intake Valve (1/32" OS) (Incl. 9) |
| 6 | 29313C | | Exhaust Valve (Std.) (Incl. 9) |
| 6 | 29315C | | Exhaust Valve (1/32" OS) (Incl. 9) |
| 8 | 31672 | | Spring, Valve |
| 9 | 31673 | | Cap, Lower valve spring |
| 10 | 610961 | | Key Flywheel |
| 11 | 34740 | | Crankshaft |
| 12 | 32323 | | Washer, Thrust |
| 13 | 33876 | | Gasket, Stator |
| 14 | 34535 | | Piston, Pin & Ring Set (Std.) (2-13/16" Bore) |
| 14 | 34536 | | Piston, Pin & Ring Set (.010" OS) |
| 14 | 34537 | | Piston, Pin & Ring Set (.020" OS) |
| 14A | 33562B | | Piston & Pin Ass'y.(Std.)(Incl.16)(2- 13/16") |
| 14A | 33563B | | Piston & Pin Ass'y. (.010" OS) (Incl. 16) |
| 14A | 33564B | | Piston & Pin Ass'y. (.020" OS) (Incl. 16) |
| 15 | 33567 | | Ring Set (Std.) (2-13/16" Bore) |
| 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 | | 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 |
| 25 | 34763 | | Dipstick (Incl. 27) |
| 26 | 34762 | | Tube, Oil fill |
| 27 | 33590 | | "O" Ring |
| 28 | 27677A | | * Gasket, Cylinder cover |
| 29 | 650451 | | Screw, 1/4-20 x 1" (Use as required) |
| 29 | 650488 | | Screw, 1/4-20 x 1-1/4" (Use as required) |
| 32 | 33554A | | Gasket, Cylinder head |
| 33 | 33016A | | Head, Cylinder (Incl. 35) |
| 34 | 26073 | | Washer (Not used on late production) |
| 34 | 650691 | | Washer (Use as required) |
| 35 | 650694A | | Screw, 5/16-18 x 2" (Use as required) |
| 35 | 650818 | | Screw, 5/16-18 x 1-1/2" (Use as required) |
| 35 | 650865 | | Screw, 5/16-18 x 2" (Use as required) |
| 36 | 6021A | | Screw, 5/16-18 x 1-1/2" (As req;not w /650691) |
| 37 | 34251 | | Resistor Spark Plug (RJ-17LM) |
| 38 | 31619A | | * Gasket, Breather |
| 39A | 31337A | | Breather Ass'y. (Incl. 38 & 40) |
| 40 | 31410 | | Element, Breather |
| 45 | 650128 | | Screw, 10-24 x 1/2" |
| 46 | 33673A | | * Gasket, Intake (1/32" thick) |
| 48 | 30646 | | Screw, 1/4-20 x 1-3/8" |
| 59 | 32698 | | Link, Governor-to-throttle |
| 60 | 31510 | | Lever, Governor |
| 63A | 31334 | | Rod, Governor (Incl. 67) |
| 64 | 33342 | | Baffle, Blower housing |
| 65 | 650561 | | Screw, 1/4-20 x 5/8" |

| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|--|
| 66 | 29752 | | Nut & Lockwasher Assy., 1/4-28 (As required) |
| 66 | | | Pop Rivet (Purchase locally)(Use as required) |
| 67 | 28277 | | Washer, Flat |
| 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. |
| 77 | 34212 | | Bracket, Holddown |
| 78 | 30200 | | Screw, 10-24 x 9/16" |
| 81 | 29752 | | Nut & Lockwasher Assy., 1/4-28 |
| 83 | 650701 | | Screw, 8-18 x 7/16" |
| 84 | 6201 | | Screw, 1/4-28 x 7/8" |
| 85 | 650870 | | Screw, 1/4-28 x 1-11/16" |
| 87 | 26756 | | * Gasket, Carburetor |
| 98 | 35349 | | Ground Wire |
| 100 | 730127 | | Air Cleaner Ass'y. (Incl.76,76A,90A,91A,92,93,94, & 221A)(Use as required) |
| 105 | 30590A | | Washer, Flat |
| 106 | 30574 | | Shaft, Mechanical governor |
| 107 | 30591 | | Gear Assy.,Governor (Incl. 105) |
| 108 | 30588A | | Spool Governor |
| 109 | 29193 | | Ring, Retaining |
| 113 | 30063 | | Screw, 1/4-20 x 1/2" |
| 113A | 650675 | | Washer, Flat |
| 115 | 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) |
| 115 | 34210 | | Fuel Cap (Red Plastic)(1-3/16" I.D.) (Spurt resistant, High profile) |
| 118 | 29774 | | Line, Fuel (Braided 8.25") |
| 118 | 30795 | | Line, Fuel (Braided 16") |
| 118 | 30962 | | Line, Fuel (Braided 32") |
| 119 | 28819 | | Spring, Fuel line (Use as required) |
| 121 | 29745 | | Extension, Blower housing |
| 122 | 650128 | | Screw, 10-24 x 1/2" |
| 123 | 26460 | | Clamp, Fuel line (Use as required) |
| 129 | 650489 | | Screw, 1/4-20 x 5/8" |
| 130 | 610118 | | Cover, Spark plug |
| 134 | 34814 | | Primer Assy. |
| 138 | 32180C | | Line, Primer |
| 139 | 33670A | | * Gasket, Muffler |
| 140B | 30063 | | Screw, 1/4-20 x 1/2" |
| 140D | 26073 | | Washer, flat |
| 140C | 650628A | | 5/16-18 x 2-3/8" |
| 140 | 650327 | | Screw, 1/4-20 x 2-1/2" |
| 140 | 30063 | | Screw, 1/4-20 x 1/2" (Use as required) |
| 140A | 8345 | | Flatwasher, 1/4" |
| 141 | 34622A | | Muffler |
| 161A | 27275 | | Clip, Wire retaining |
| 181 | 33356 | | Terminal, Ground |
| 182 | 28545 | | Grommet, Plastic |
| 183 | 650760 | | Screw, 8-32 x 3/8" |
| 196A | 31335 | | Clamp, Governor lever |
| 197 | 650548 | | Screw, 8-32 x 5/16" |

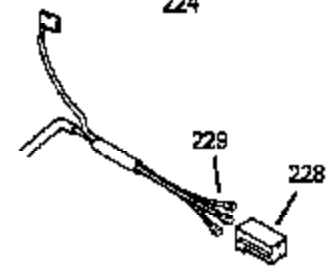
| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|---|
| 201 | 610973 | | Terminal Assy. (Use as required) |
| 204 | 650139 | | Screw, 8-32 x 1/2" (Use as required) |
| 204 | 650152 | | Screw, 8-32 x 3/8" (Use as required) |
| 204 | 30200 | | Screw, 10-24 9/16" (Use as required) |
| 205 | 30322 | | Nut & Lockwasher (Use as required) |
| 213 | 650815 | | Washer, Belleville |
| 214 | 650816 | | Nut, Flywheel |
| 217 | 33668 | | Screen, Starter |
| 218 | 34694 | | Cup, Starter |
| 221 | 34080 | | Spacer, Flywheel key |
| 222 | 650872 | | Stud, Solid State Assy. |
| 240 | 34346 | | Decal. Instruction |
| 243 | 631021 | | Inlet Needle, Seat & Clip Assy. |
| 244 | 632198 | | Carburetor (Incl. 87) (Refer to Division 5, Section A, page 176 for breakdown) |
| 245 | 611030 | | Magneto (w/ring gear) NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as shown in partslist. (Refer to Division 5, Section B, page 39 for breakdown) |
| 246 | 590473 | | Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown) |
| 249 | 33683B | | * Gasket Set (Incl. items marked *) |

| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|---|
| 13 | 33876 | | Gasket, Stator |
| 100A | 730164 | | Air Cleaner Ass'y. (Incl. 76, 90, 91, 92, 93, 94, & 221B) (Use as required) |
| 113A | 650675 | | Washer, Flat |
| 138 | 32180C | | Line, Primer |
| 139 | 33670A | | * Gasket, Muffler |
| 140 | 650327 | | Screw, 1/4-20 x 2-1/2" |
| 140 | 30063 | | Screw, 1/4-20 x 1/2" (Use as required) |
| 141D | 391026 | | Muffler (Incl. 143, 144 & 145) (This spark arrester muffler can be used on any model.) |
| 157 | 730165 | | Muff.Adapter Kit (Incl.139,140)(As re quired) |
| 201 | 610973 | | Terminal Assy. (Use as required) |
| 245 | 611030 | | Magneto (w/ring gear) NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as shown in partslist. (Refer to Division 5, Section B, page 39 for breakdown) |

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



OPTIONAL 110-120
 VOLT STARTER
 MOTOR KIT
 (SEE NOTE 2 AT END OF THE SECTION)



| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|---|
| | 13 33876 | | Gasket, Stator |
| | 34 26073 | | Washer (Not used on late production) |
| | 34 650691 | | Washer (Use as required) |
| | 38 31619A | | * Gasket, Breather |
| | 40 31410 | | Element, Breather |
| | 45 650128 | | Screw, 10-24 x 1/2" |
| | 184 33450 | | Nut, Hex |
| | 185 30342 | | Spring Extension |
| | 186 30845A | | Bolt, Governor spring adj. |
| | 187 650518 | | Washer, Lock |
| | 188 30200 | | Screw, 10-24 x 9/16" |
| | 189 30846 | | Bracket, Governor adj. bolt |
| | 197 650548 | | Screw, 8-32 x 5/16" |
| | 219 34788 | | Pulley, Starter rope |
| | 225 35189 | | Spacer, Coil Assy. |
| | 241 30547A | | Contact Assy., Breaker |
| | 242 30548B | | Condenser |
| | 245 611030 | | Magneto (w/ring gear) NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as shown in partslist. (Refer to Division 5, Section B, page 39 for breakdown) |
| | 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 has drilled 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 |