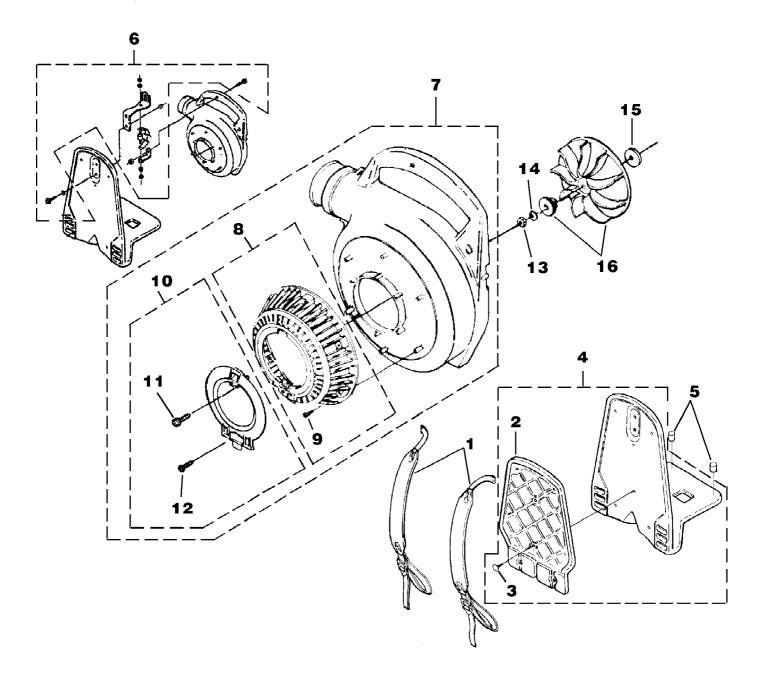
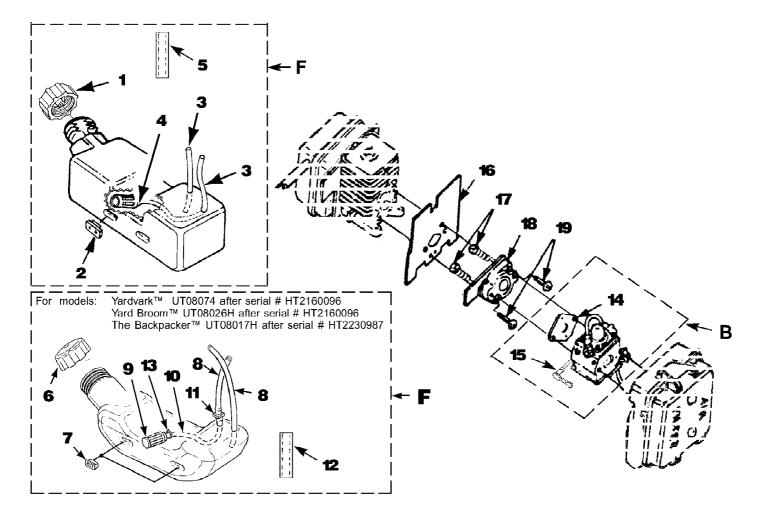
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| Ref # | Part Number | Qty | S/P/F | Description |
|-------|-------------|-----|-------|--|
| 1 | UP03829 | 2 | S | HARNESS-Shoulder |
| 4 | UP04405 | 1 | S/P | FRAME-Blower |
| 2 | UP06884 | 1 | | PAD-Foam |
| 3 | UP03830 | 6 | S | CLIP-Push |
| 5 | UP03826 | 2 | S | VIBRATION ISOLATOR (One included in #6 kit) |
| 6 | UP06885 | 1 | S | VIBRATION ISOLATOR KIT |
| 7 | UP03861 | 1 | S/P | VOLUTE HOUSING KIT Includes items 8-12 |
| 8 | UP06720 | 1 | S | BLOWER VAC GRILLE KIT Includes item 9 |
| 9 | UP03894 | 6 | S | SCREW-Thread Form. (#6 X 3/8") Torque Specs 8-12 In/Lbs, .9-1.4 Nm. |
| 10 | UP06613 | 1 | S/P | ACCESS DOOR KIT Includes items 11-12 |
| 11 | UP03888 | 1 | S/P | SCREW-Thread Rolling (#10 X 5/8") Torque Specs 10-20 In/Lbs, 1.1-2.3 Nm. |
| 12 | UP03893 | 1 | S | SCREW-Thread Form. (#8 X 1/2") Torque Specs 8-12 In/Lbs, .9-1.4 Nm. |
| 13 | UP03884 | 1 | S/P | NUT-Hex (3/8-24) Torque Specs 130-150 In/Lbs, 14.7-17.0 Nm. |
| 14 | UP03835 | 1 | S | WASHER-Bellville (3/8") |
| 15 | UP03836 | 2 | S | WASHER-Flat |
| 16 | UP06826 | 1 | S/P | BLOWER FAN KIT |

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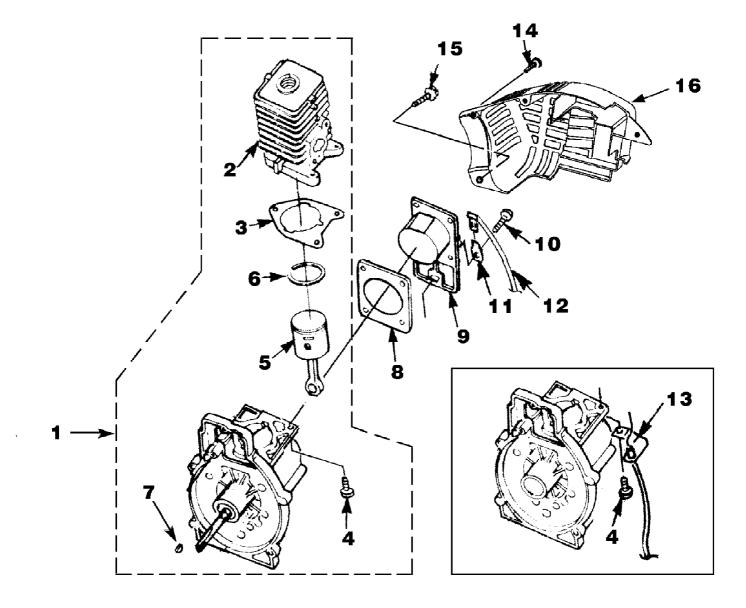


BP30185 Blower UT-08036-R Carburetor And Fuel Tank

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| Ref # | Part Number | Qty | S/P/F | Description |
|-------|-------------|--------|------------|---|
| F | UP00136 | 1 | S/P | FUEL TANK KIT Includes items 1-5 |
| 1 | UP04111 | 1 | /P | FUEL CAP (1 3/8" Opening) |
| 2 | UP03501 | 3 | S | BUMPER-Rubber |
| 3 | 7031032 | 2 | S | TUBING-Rubber (8") |
| 4 | UP03871 | 1 | S/P | FUEL FILTER ` ´ |
| 5 | 4283304 | 1 | | INSULATION-Tubing |
| F | UP00136 | 1 | S/P | FUEL TANK KIT Includes items 6-13 |
| 6 | UP00106 | 1 | /P | FUEL CAP (1 5/8" Opening) |
| 7 | UP03501 | 3 | S | BUMPER-Rubber |
| 8 | UP03825 | 2 | S/P | TUBING-Rubber (8") |
| 9 | UP03871 | 1 | S/P | FUEL FILTER |
| 10 | UP03905 | 1 | /P | TUBING-Rubber (8") |
| 11 | UP04310 | 1 | S | Fitting, Inlet (small for 2.5mm ID fuel line) |
| | UP03831 | 1 | S | Fitting, Inlet (large for 3mm ID fuel line) |
| 12 | UP04339 | 1 | S | INSULATION-Tubing |
| 13 | UP03913 | 1 | S | CLAMP |
| В | UP00651 | 1 | /P | CARBURETOR KIT Includes items 14-15 |
| 14 | UP03915 | 1 | S | GASKET-Carburetor Also included with Short |
| 17 | 01 000 10 | • | J | block & Cylinder Kits. |
| | | | | |
| 15 | UP03943 | 1 | /P | LEVER-Choke (Walbro WT419, WT469) |
| | UP04278 | 1 | /P | LEVER-Choke (Zama, H39) |
| В | UP00652 | 1 | /P | CARBURETOR KIT (BP250's, Backpacker & |
| | | | | BP30185); Includes items 14-15 |
| 14 | UP03916 | 1 | S | (GASKET-Carburetor) Also included with |
| • • | 0. 000.0 | • | • | Short block & Cylinder Kits. |
| 4 = | 11000040 | | / D | · |
| 15 | UP03943 | 1 | /P | LEVER-Choke (Walbro WT419,WT469) |
| _ | UP04278 | 1 | /P | LEVER-Choke (Zama, H39) |
| В | UP00653 | 1 | S/P | CARBURETOR KIT (UT08026 E, F, G, H, J, |
| | | | | UT08011 G, H, J); Includes items 14-15 |
| 14 | UP03915 | 1 | S | GASKET-Carburetor Also included with Short |
| | | | | block & Cylinder Kits. |
| 4.5 | LID00044 | 4 | / D | • |
| 15 | UP03941 | 1 | /P | LEVER-Choke |
| 16 | UP04308 | 1 | S/P | GASKET-Heat Dam Also included with Short |
| | | | | block & Cylinder Kits. |
| 17 | UP04131 | 2 | | SCREW-Thread Form. (10-24 x 1") Torque |
| | | | | Specs 30-40 In/Lbs, 3.4-4.5 Nm. |
| 4.0 | LID04240 | 4 | C | • |
| 18 | UP04348 | 1 2 | S S | HEAT DAM |
| 19 | UP04140 | 2 | 5 | SCREW, SEMS (10-24 x 1.110) Torque |
| | | | | Specs 40-50 In/Lbs, 4.5-5.6 Nm. Required |
| | | | | Loctite 262 Red; Also included with Short |
| | | | | block & Cylinder Kits. |

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BP30185 Blower UT-08036-R Engine Internal

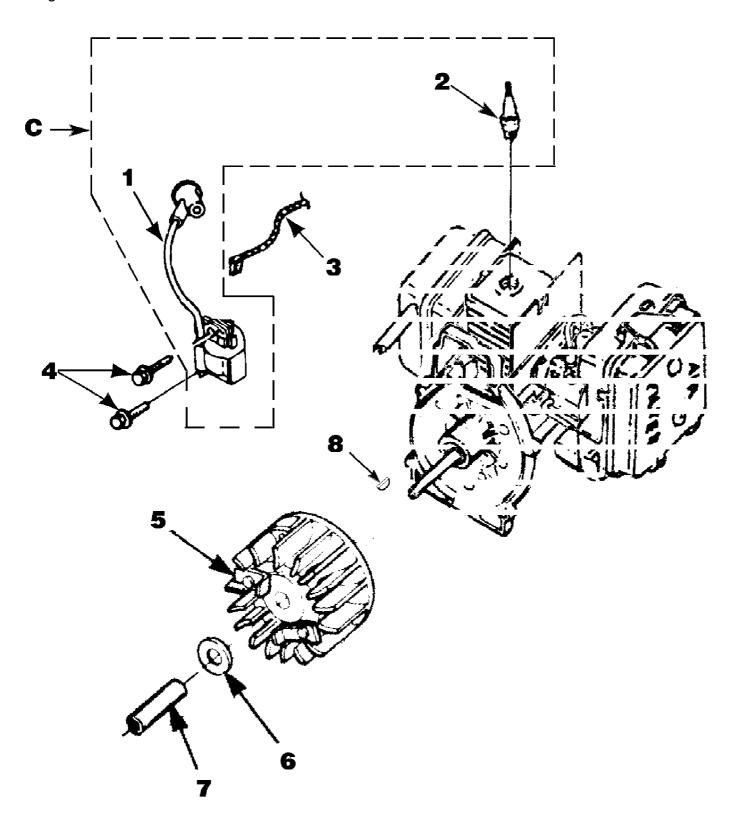
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| Ref # | Part Number | Qty | S/P/F | Description |
|-------|--------------------|--------|------------|--|
| 1 | UP03121 | 1 | S/P | SHORT BLOCK W/Rotor (30cc) Includes items 2-7 |
| 2 3 | UP07146 UP03857 | 1 1 | S/P S/P | 30 CC CYLINDER KIT Includes items 3-4 GASKET-Cylinder Also Included with Short |
| | | | | Block & Cylinder Kits |
| 4 | UP04345 | 3 | S/P | SCREW, SEMS (12-24 x 3/4) Torque Specs 55-65 In/Lbs, 6.2-7.3 Nm. Required Loctite 262 Red |
| 5 | UP03366 | 1 | S | 30 CC PISTON & ROD Includes item 6 |
| 6 | UP03837 | 2 | S/F | RING-Piston |
| 7 | UP03874 | 1 | S | KEY-Woodruff |
| | UP03817 | 1 | S/P | GASKET-Muffler (Not Shown) |
| 1 | UP03123 | 1 | /P | SHORT BLOCK W/Rotor (25cc) Includes items 2-7 |
| 2 | UP04136 | 1 | S | 25 CC CYLINDER KIT Includes items 3-4 |
| 3 | UP03857 | 1 | S/P | GASKET-Cylinder |
| 4 | UP04345 | 3 | S/P | SCREW, SEMS (12-24 x 3/4) Torque Specs |
| | | | | 55-65 In/Lbs, 6.2-7.3 Nm. Required Loctite 262 Red |
| 5 | UP00768 | 1 | S/P | 25 CC PISTON & ROD INcludes item 6 |
| 6 | UP03838 | 1 | S/P | RING-Piston |
| 7 | UP03874 | 1 | S | KEY-Woodruff |
| | UP03817 | 1 | S/P | GASKET-Muffler (Not Shown) |
| 8 | UP04335 | 1 | S | GASKET-Crankcase Torque Specs 55-65 In/Lbs, 6.2-7.3 Nm. Required Loctite 262 Red; Also Included with Short Block & Cylinder Kits |
| 9 | UP04336 | 1 | S | CRANKCASE COVER-Stamped Steel |
| 10 | UP04295 | 4 | S/P | SCREW, SEMS (10-24 x .56) (Use with stamped steel c/case cover); Also Included with Short Block & Cylinder Kits |
| 9 | UP03914 | 1 | S/P | CRANKCASE COVER-Aluminum |
| 10 | UP04277 | 4 | /P | SCREW, SEMS (10-24 x .810) (Use with aluminum c/case cover); Also Included with Short Block & Cylinder Kits |
| 11 | UP03834 | 1 | S | TAB-Male |
| 12 | UP04302 | 1 | S | CABLE-Throttle w/Ignition Leads (BP250's, Backpacker & BP30185) |
| 13 | UP04296 | 1 | S | CABLE BRACKET (BP250's, Backpacker & BP30185) |
| 14 | UP03893 | 3 | S | SCREW-Thread Form. (#8 X 1/2") Torque Specs 8-12 In/Lbs, .9-1.4 Nm. |
| 15 | UP03900 | 6 | S/P | SCREW-Thread Form. (#10 X 3/4") Torque Specs 20-30 In/Lbs, 2.3-3.4 Nm. |
| 16 | UP06522 | 1 | S/P | SHROUD |
| | UP06779 | 1 | | SHROUD-Flocked (HB180-VI, HB390-VI) |

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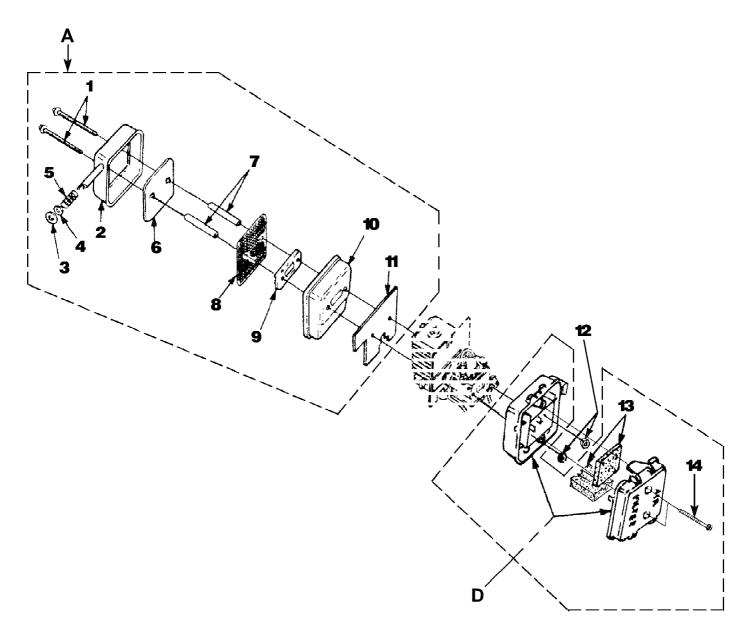


BP30185 Blower UT-08036-R Ignition With Rotor

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| Ref # | Part Number | Qty | S/P/F | Description |
|-------|-------------|-----|-------|---|
| С | UP03858 | 1 | /P | IGNITION KIT w/Module Includes items 1-2 |
| 1 | UP03868 | 1 | S/P | TERMINAL-Hi-Tension |
| 2 | UP03883 | 1 | /P | SPARK PLUG (RDJ-7Y) Torque Specs 120-180 In/Lbs, 13.6-20.3 Nm. |
| 3 | A03924 | 1 | S | LEAD-Electrical (BP250's, Backpacker & BP30185) |
| 4 | UP03896 | 2 | S/P | SCREW-Thread Form. (8-32 x 1") Torque Specs 30-40 In/Lbs, 3.4-4.5 Nm. Required Loctite 242 Blue |
| 5 | UP03009 | 1 | | ROTOR & STARTER PAWLS |
| 6 | UP03906 | 1 | S/P | WASHER-Flat |
| 7 | UP03854 | 1 | S/P | SPACER-Fan |
| 8 | UP03874 | 1 | S | KEY-Woodruff |

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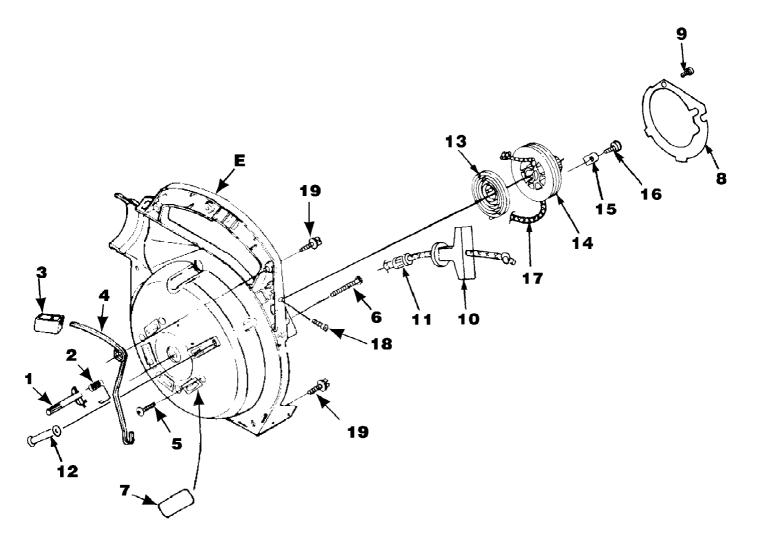


BP30185 Blower UT-08036-R Muffler And Air Cleaner

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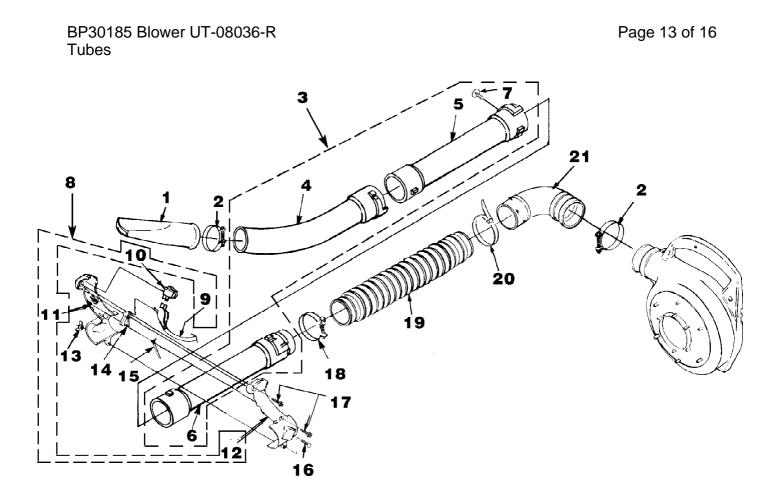
| Part Number | Qty | S/P/F | Description |
|-------------|--|--|---|
| UP04486 | 1 | S/P | MUFFLER-Complete Includes items 1-11 |
| UP03902 | 2 | S | SCREW-Sems Hex Hd. (10-24 x 2 1/2") |
| | | | Torque Specs 40-50 In/Lbs, 4.5-5.6 Nm. |
| UP03810 | 1 | S | MUFFLER COVER |
| UP03813 | 1 | S | WASHER-Insulating |
| UP03901 | 1 | S | WASHER-Flat |
| UP03814 | 1 | S | SPRING-Compression |
| UP04289 | 1 | S | DEFLECTOR-Muffler |
| UP03860 | 1 | S | SPACER-Muffler |
| UP03815 | 1 | S | SCREEN-Spark Arrestor |
| UP03918 | 1 | S | PLATE-Reinforcing |
| UP04305 | 1 | S | BODY-Muffler |
| UP03817 | 1 | S/P | GASKET-Muffler Also included with Short |
| | | | block & Cylinder Kits. |
| UP03885 | 2 | S | NUT-Hex (10-24) Torque Specs 30-40 |
| | | | In/Lbs, 3.4-4.5 Nm. |
| UP00011 | 1 | /P | AIR FILTER KIT Includes items 13-14 |
| UP00012 | 1 | /P | AIR FILTER |
| UP03890 | 2 | S/P | SCREW-Thd. Form. (#8-16 x 3/4") Torque |
| | | | Specs 30-40 In/Lbs, 3.4-4.5 Nm. |
| | UP04486 UP03902 UP03810 UP03813 UP03901 UP03814 UP04289 UP03860 UP03815 UP03918 UP04305 UP03817 UP03885 UP00011 | UP04486 UP03902 2 UP03810 UP03813 UP03901 UP03814 UP04289 UP03860 UP03815 UP03918 UP03918 UP04305 UP03817 UP03885 2 UP00011 UP00012 | UP04486 1 S/P UP03902 2 S UP03810 1 S UP03813 1 S UP03901 1 S UP03814 1 S UP04289 1 S UP03860 1 S UP03918 1 S UP04305 1 S UP03817 1 S/P UP03885 2 S UP00011 1 /P UP00012 1 /P |

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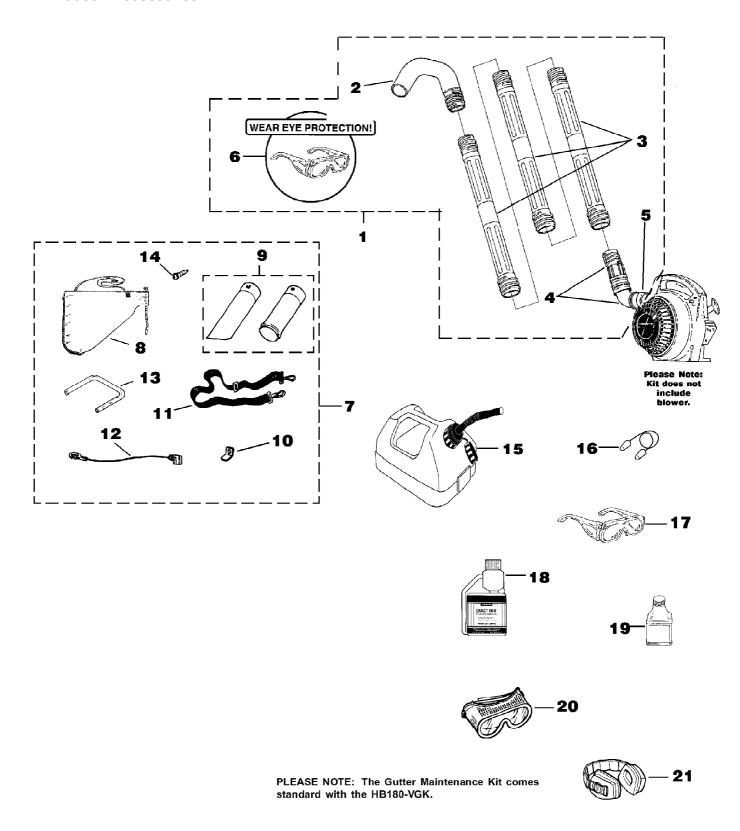
| Ref # | Part Number | Qty | S/P/F | Description |
|-------|-------------|-----|--------|--|
| 1 | UP03800 | 1 | S | LATCH-Throttle |
| 2 | UP03811 | 1 | S | SPRING-Throttle Latch |
| 3 | UP03798 | 1 | S | TRIGGER-Throttle |
| 4 | UP03803 | 1 | S | LEVER-Throttle |
| 5 | UP03406 | 4 | S | SCREW-Thread Form. (10-24 X 3/4") Torque Specs 55-60 In/Lbs, 6.2-6.8 Nm. |
| 6 | UP03869 | 1 | S | SCREW-Thread Form. (#10 X 1 5/8") Torque Specs 20-30 In/Lbs, 2.3-3.4 Nm. |
| Е | UP06792 | 1 | S/P | VOLUTE HOUSING & STARTER Includes items 7-17 |
| 7 | UP03822 | 1 | S | KIT-Sealing |
| 8 | UP04279 | 1 | Š | PLATE-Rotor |
| 9 | UP03894 | 1 | S S | SCREW-Thread Form. (#6 X 1 3/8") Torque Specs 8-12 In/Lbs, .9-1.4 Nm. |
| 10 | UP04276 | 1 | S/P | GRIP-Starter |
| 11 | UP03910 | 1 | S/P | BUSHING-Starter |
| 12 | UP03809 | 1 | S | BUSHING-Starter Rope |
| 13 | UP03917 | 1 | S | SPRING & CONTAINER |
| 14 | UP04349 | 1 | S | PULLEY-Starter |
| 15 | UP03919 | 2 | S | BRACKET-Retaining |
| 16 | UP03897 | 2 | S | SCREW-Thread Form. (#10 X 1/2") Torque Specs 30-40 In/Lbs, 3.4-4.5 Nm. |
| 17 | UP03911 | 1 | S | ROPE-Starter |
| 18 | UP03887 | 1 | S/P | SCREW-Phil. Hd. (8-32 X 5/8") Torque Specs 20-30 In/Lbs, 2.3-3.4 Nm. |
| 19 | UP03900 | 6 | S/P | SCREW-Thread Form. (10-24 X 3/4") Torque Specs 20-30 In/Lbs, 2.3-3.4 Nm. |



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| Ref # | Part Number | Qty | S/P/F | Description |
|-------|-------------|-----|-------|--|
| 1 | UP05582 | 1 | S/P | NOZZLE-Sweeper |
| 2 | UP03821 | 2 | S/P | CLAMP |
| 3 | UP05582 | 1 | S/P | BLOWER TUBE KIT Includes items 4-7 |
| 4 | UP00876 | 1 | S | TUBE-Elbow |
| 5 | UP00875 | 1 | | TUBE-Straight |
| 6 | UP00874 | 1 | /P | TUBE-Upper |
| 7 | UP04299 | 4 | S | CLIP-Push |
| 8 | UP03794 | 1 | S/P | HANDLE & SWITCH KIT Includes items 9-12 |
| 9 | UP04302 | 1 | S | ELECTRICAL LEAD w/Terminal |
| 10 | UP03833 | 1 | S/P | SWITCH |
| 11 | UP04300 | 1 | S | HANDLE-Control (Right) |
| 12 | UP04301 | 1 | S | HANDLE-Control (Left) |
| 13 | UP03886 | 1 | S/P | NUT - Wing (10-24) |
| 14 | UP04346 | 1 | S/P | TRIGGER |
| 15 | UP03908 | 1 | S | LATCH-Trigger |
| 16 | UP03892 | 1 | S | BOLT-Rib Neck, Rnd. Hd. (10-24 X 7/8") |
| 17 | UP03900 | 2 | S/P | SCREW-Thread Form. (10-14 X 3/4") Torque |
| | | | | Specs 20-30 In/Lbs, 2.3-3.4 Nm. |
| 18 | UP03819 | 1 | S | CLAMP (#87) |
| 19 | UP03827 | 1 | S | BELLOWS-Plastic |
| 20 | UP04568 | 1 | S | CABLE-Tie |
| 21 | UP04297 | 1 | S | ELBOW-Curved |
| | | | | |

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BP30185 Blower UT-08036-R Tubes - Accessories

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| Ref # | Part Number | Qty | S/P/F | Description |
|-------|-------------|-----|-------|--|
| 1 | A02514D | 1 | S | GUTTER MAINTENANCE KIT (HB100's, HB180's, HB25150, HB25150V, HB290's, HB390's); Includes items 2-6 |
| 2 | UP06830 | 1 | S | FULL ELBOW |
| 3 | UP05618 | 3 | S | STRAIGHT TUBE |
| 4 | UP06836 | 1 | S | UPPER ELBOW & SWIVEL ADAPTER |
| 5 | UP03821 | 1 | S/P | CLAMP w/Fasteners |
| 6 | UP06835 | 1 | S | SAFETY GLASSES-Clear |
| 7 | UP04152 | 1 | S/P | VACUUM KIT (HB180's, HB25150, HB25150V, HB290's, HB390's); Includes items 8-14 |
| 8 | UP04548 | 1 | S/P | LEAF BAG |
| 9 | UP06705 | 1 | S | VACUUM TUBE KIT w/ Decal |
| 10 | UP03834 | 1 | S | TAB-Male |
| 11 | UP06723 | 1 | S/P | HARNESS-Shoulder |
| 12 | UP03823 | 1 | S | LEAD-Ground |
| 13 | UP03816 | 1 | S | HANDLE |
| 14 | UP03889 | 1 | S | SCREW |
| 15 | A02976A | 1 | | GAS CAN 1 1/4 Gallon |
| 16 | UP06839 | 1 | | EAR PLUGS |
| 17 | UP06835 | 1 | S | SAFETY GLASSES-Clear |
| 18 | 01231D | 1 | S | EXACT MIX(TM) Oil - 1 pint (50:1) |
| 19 | 08581 | 1 | S/P | EXACT MIX(TM) Oil - 2.6 oz. (50:1) |
| 20 | UP06778 | 1 | | GOGGLES |
| 21 | UP07694 | 1 | | EAR PROTECTORS |