Form Number 3351-293

# 22in Recycler® Lawnmower

**Model No. 20008 - 240000001 and up.**

## Parts Catalog

**Ordering Replacement Parts**

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

**Understanding Reference Numbers**

Each Identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

**Service Assembly Reference Numbers**

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

**Reference Numbers Indicating Quantity**

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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# Part Description Abbreviations

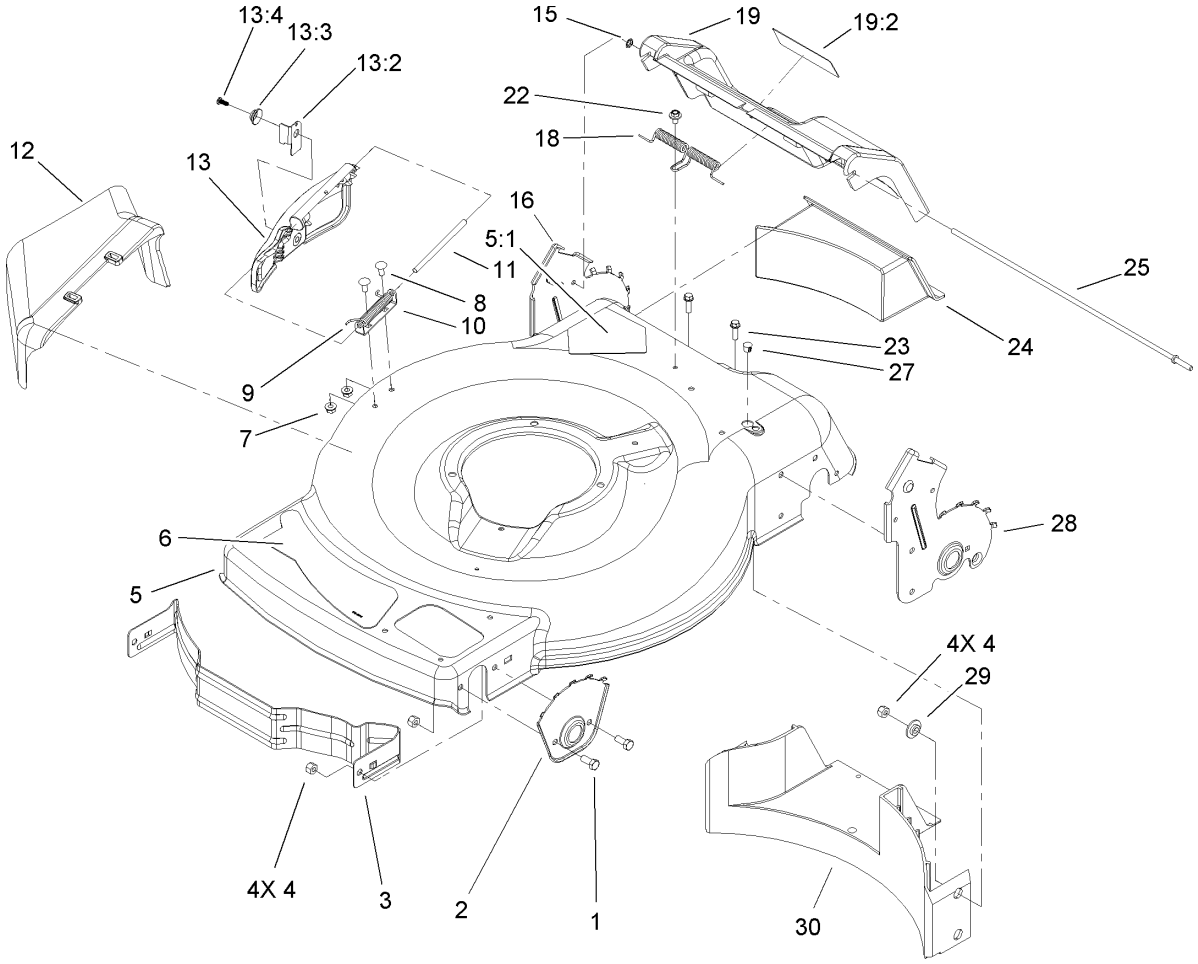
Part descriptions in this catalog may include the following abbreviations.

| | |
|---|---|
| AR | as required |
| ASM | assembly |
| CARR | carriage |
| DEG | degrees |
| FH | flat head |
| GA | gauge |
| HF | hex flange |
| HH | hex head |
| HHF | hex head flange |
| HHFTF | hex head flange thread forming |
| HJ | hex jam |
| HLH | hex lag head |
| HOC | height-of-cut |
| HS | hex |
| HSBH | hex socket button head |
| HSFH | hex socket flat head |
| HSH | hex socket head |
| HWH | hex washer head |
| HWHTF | hex washer head thread forming |
| HYD | hydraulic |
| INC | incorporated |
| LH | left hand |
| NI | nylon insert |
| PPH | phillips pan head |
| PTH | phillips truss head |
| PTO | power take off |
| RH | right hand |
| SFH | slotted fillister head |
| SHH | slotted hex head |
| SHWH | slotted hex washer head |
| SPH | slotted pan head |
| SQH | square head |
| SRH | slotted round head |
| STD | standard |
| TAP | self tapping |
| TTH | torx truss head |
| WH | wing head |

# Footnotes

❶ Not serviced separately

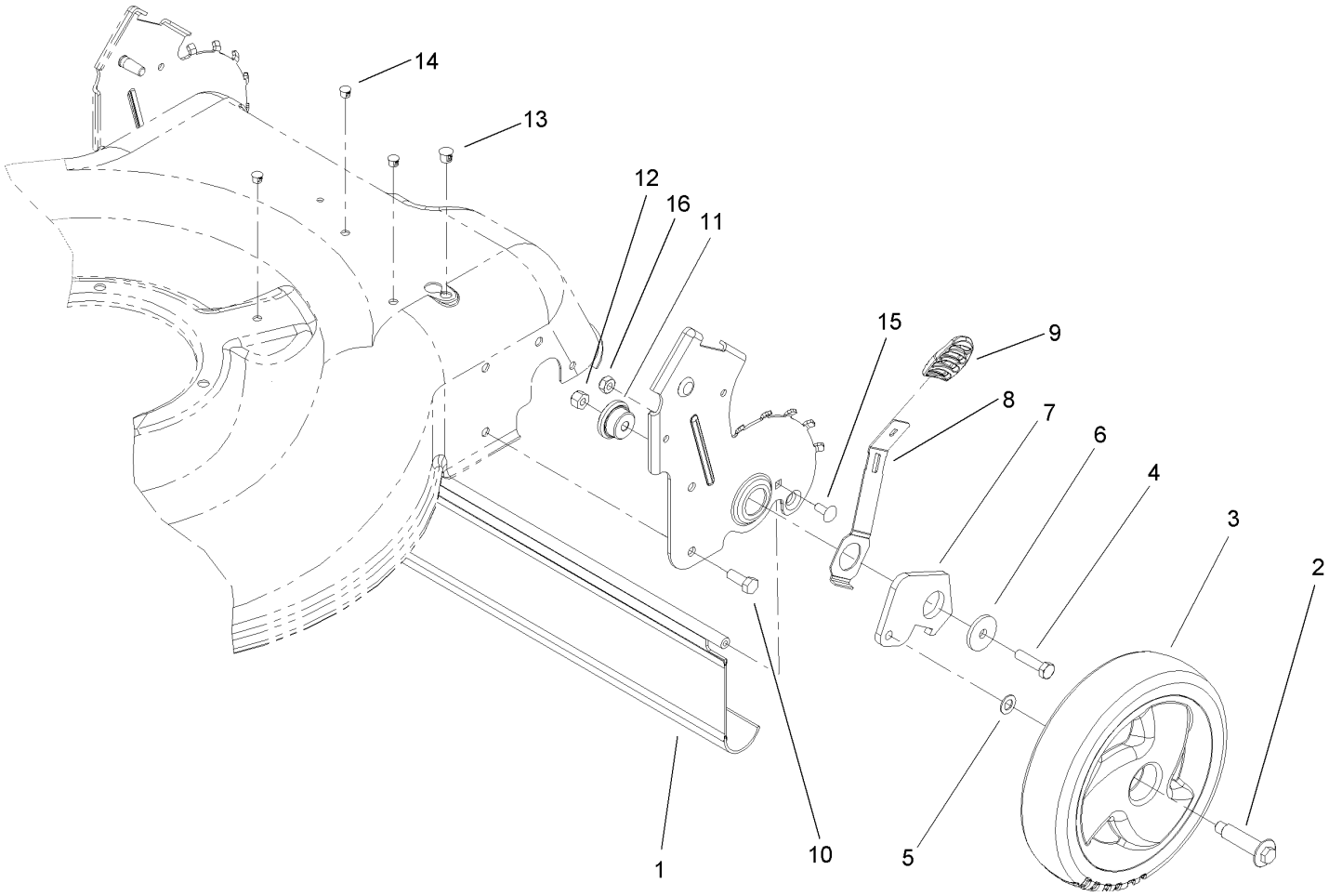
❷ Obtain parts from your local Tecumseh dealer




# Deck, Side Chute and Rear Door Assembly

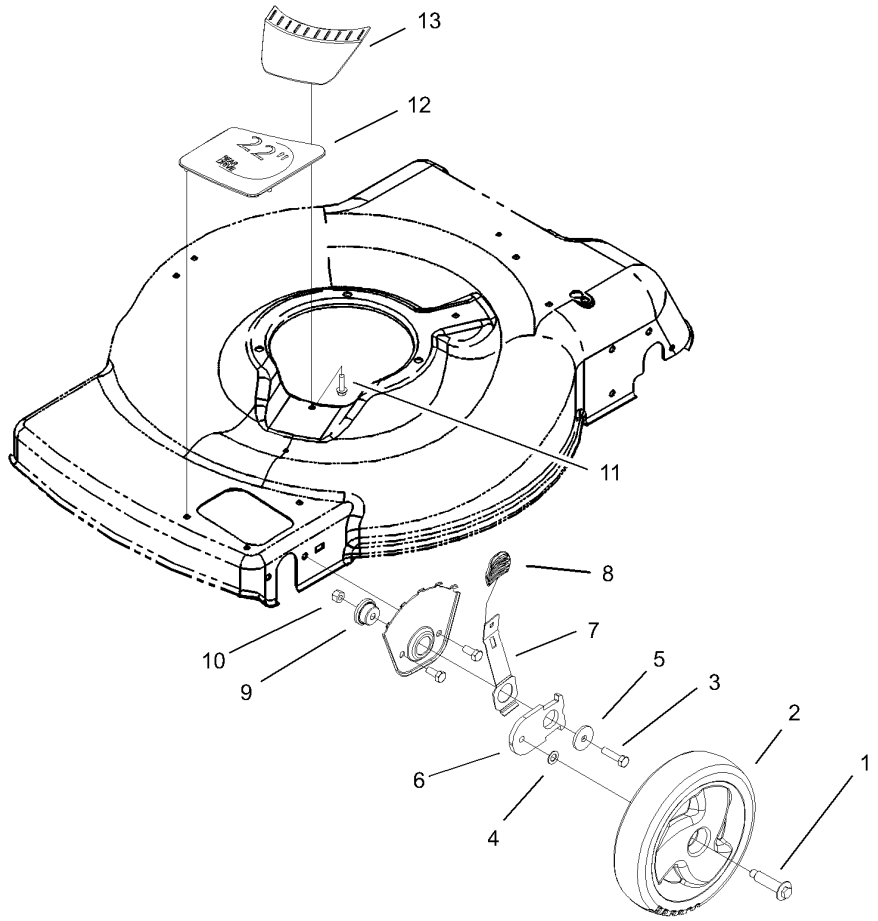
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 322-3 | 4 | Screw-HH |
| 2 | 105-1808-03 | 2 | Plate-Hoc, Front |
| 3 | 104-8694-03 | 1 | Baffle-Front |
| 4 | 3296-29 | 8 | Nut-Lock, NI |
| 5 | 104-7915 | 1 | Housing |
| 5:1 | 105-6838 | 1 | Decal-Danger |
| 6 | 105-1297 | 1 | Decal-Deck |
| 7 | 32128-32 | 2 | Nut-HHF |
| 8 | 3229-11 | 2 | Screw-CARR |
| 9 | 99-5293 | 1 | Spring-Torsion |
| 10 | 99-5292 | 1 | Bracket-Cover |
| 11 | 99-5291 | 1 | Rod-Cover |
| 12 | 105-3028 | 1 | Chute-Side Discharge |
| 13 | 106-8376 | 1 | Discharge Door ASM |
| 13:2 | 107-0795 | 1 | Latch-Door |
| 13:3 | 107-7456 | 1 | Cap-Door |
| 13:4 | 107-7461 | 1 | Screw-Plastite |
| 15 | 32112-6 | 1 | Pushnut |
| 16 | 107-0790 | 1 | RH Rear HOC Plate ASM |
| 18 | 105-3032 | 1 | Spring-Door, Rear |
| 19 | 105-1323 | 1 | Door |
| 19:2 | 105-1295 | 1 | Decal-Warning |
| 22 | 46-6810 | 1 | Screw And Washer ASM |
| 23 | 46-8091 | 2 | Screw-HWH |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 24 | 105-1842 | 1 | Plug-Discharge, Rear |
| 25 | 105-1827 | 1 | Rod-Pivot, Rear Door |
| 27 | 104-9369 | 1 | Plug-Dome |
| 28 | 107-0783 | 1 | LH Rear HOC Plate ASM |
| 29 | 105-3006 | 4 | Washer-Stepped |
| 30 | 105-3047 | 1 | Baffle-Rear |



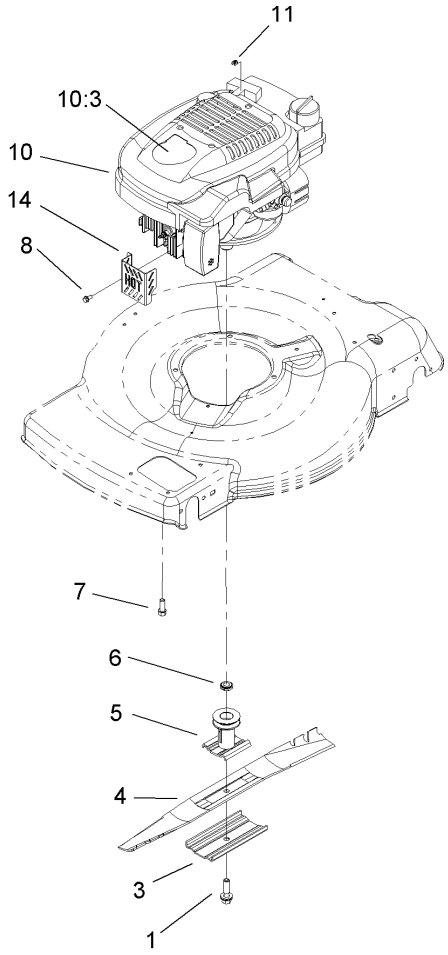

# Rear Axle and Low Wheel Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 105-1843 | 1 | Shield-Trailing |
| 2 | 614650 | 2 | Bolt-Shoulder |
| 3 | 105-1814 | 2 | Wheel ASM |
| 4 | 322-6 | 2 | Screw-HH |
| 5 | 40-1940 | 2 | Washer |
| 6 | 105-3048 | 2 | Washer-Flat |
| 7 | 105-1819 | 2 | Arm-Pivot, Rear |
| 8 | 105-1809 | 2 | Arm-Spring |
| 9 | 105-3042 | 2 | Knob-Lever, HOC |
| 10 | 322-4 | 4 | Screw-HH |
| 11 | 105-1818 | 2 | Bushing-Mount, HOC |
| 12 | 3296-29 | 2 | Nut-Lock, NI |
| 13 | 104-9368 | 1 | Plug-Dome |
| 14 | 104-9373 | 3 | Plug-Dome |
| 15 | 3229-11 | 2 | Screw-CARR |
| 16 | 3296-16 | 2 | Nut-Lock, NI |



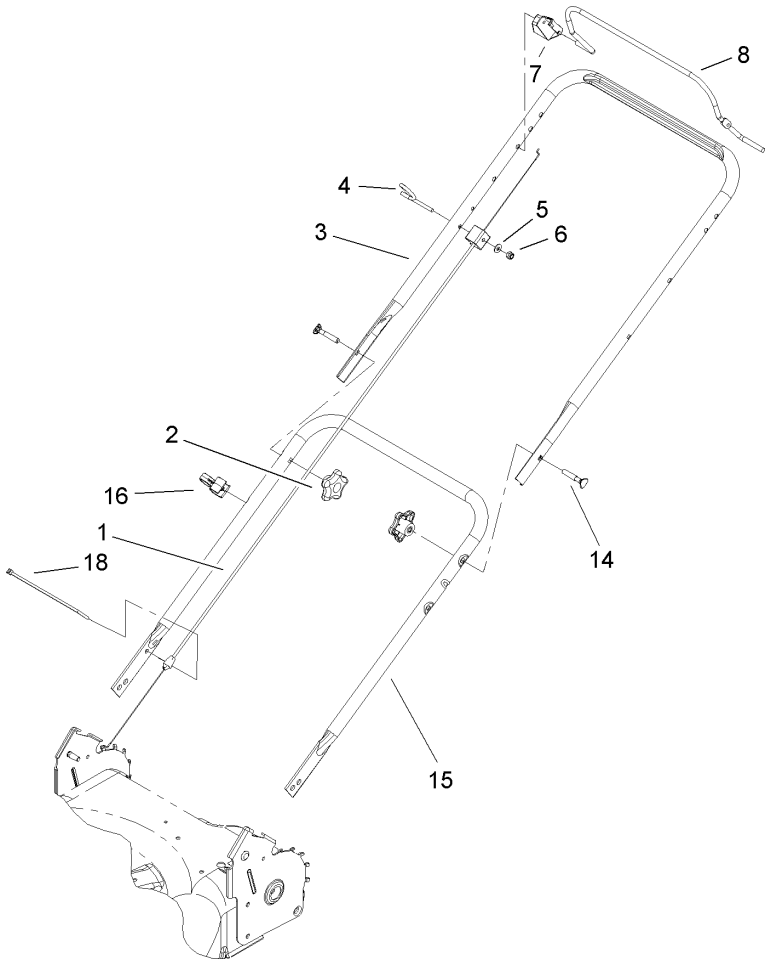

# Front Axle and Wheel Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 614650 | 2 | Bolt-Shoulder |
| 2 | 105-1814 | 2 | Wheel ASM |
| 3 | 322-6 | 2 | Screw-HH |
| 4 | 40-1940 | 2 | Washer |
| 5 | 105-3048 | 2 | Washer-Flat |
| 6 | 105-1807 | 2 | Arm-Pivot, Front |
| 7 | 105-1809 | 2 | Arm-Spring |
| 8 | 105-3042 | 2 | Knob-Lever, HOC |
| 9 | 105-1818 | 2 | Bushing-Mount, HOC |
| 10 | 3296-29 | 2 | Nut-Lock, NI |
| 11 | 46-8091 | 1 | Screw-HWH |
| 12 | 104-9398 | 1 | Cover-Cutout, Hp |
| 13 | 105-3005 | 1 | Cover-Belt Opening |




# Engine and Blade Assembly

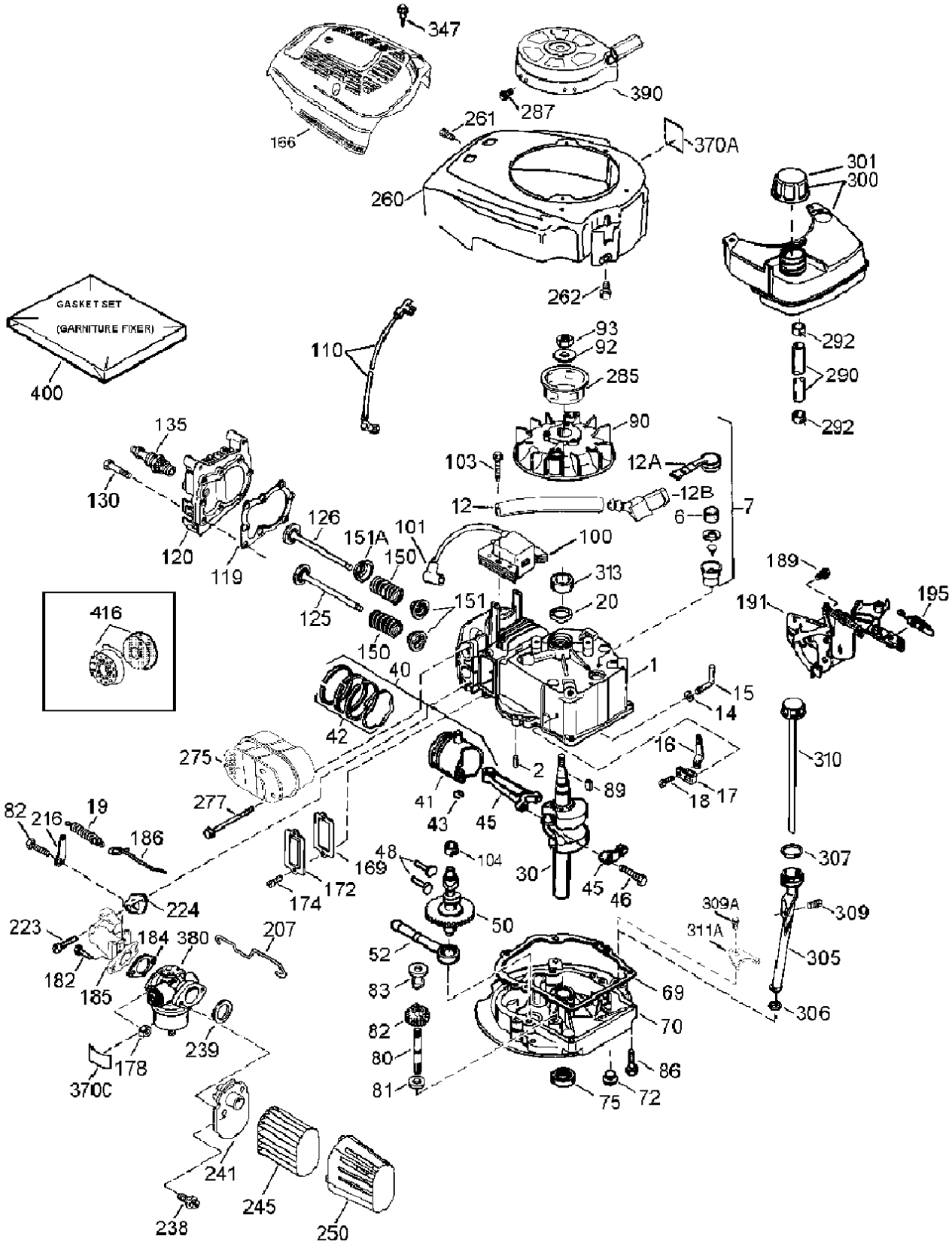
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 105-8579 | 1 | Bolt-Blade |
| 3 | 105-3029-03 | 1 | Support-Blade |
| 4 | 104-8697-03 | 1 | Blade-22 Inch |
| 5 | 106-3987 | 1 | Blade Driver ASM |
| 6 | 106-3999 | 1 | Spacer-Driver |
| 7 | 95-1726 | 3 | Screw-Taptite |
| 8 | 32144-85 | 1 | Screw-HWH |
| ❶10 | | 1 | Engine-Tecumseh, Lev195ea-362003b |
| 10:3 | 105-6815 | 1 | Decal-Recoil |
| 11 | 92-1701 | 1 | Stop-Rope |
| 14 | 106-8346-03 | 1 | Guard-Muffler |




# HP-2 Bail Handle Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 104-8677 | 1 | Cable-Brake |
| 2 | 106-4161 | 2 | Knob-Handle |
| 3 | 104-8680-05 | 1 | Handle-Upper |
| 4 | 106-8330 | 1 | Guide-Rope |
| 5 | 3256-1 | 1 | Washer-Flat |
| 6 | 3296-73 | 1 | Nut-Lock, NI |
| 7 | 107-0757 | 1 | Stop-Pivot |
| 8 | 105-6800-03 | 1 | Bail-Brake |
| 14 | 92-2260 | 2 | Screw-Handle |
| 15 | 107-0784-05 | 1 | Handle-Lower |
| 16 | 106-6805 | 1 | Guide-Cable |
| 18 | 614249 | 1 | Strap-Tie |

# Engine Assembly
# Tecumseh Model No. Lv195ea-362003b

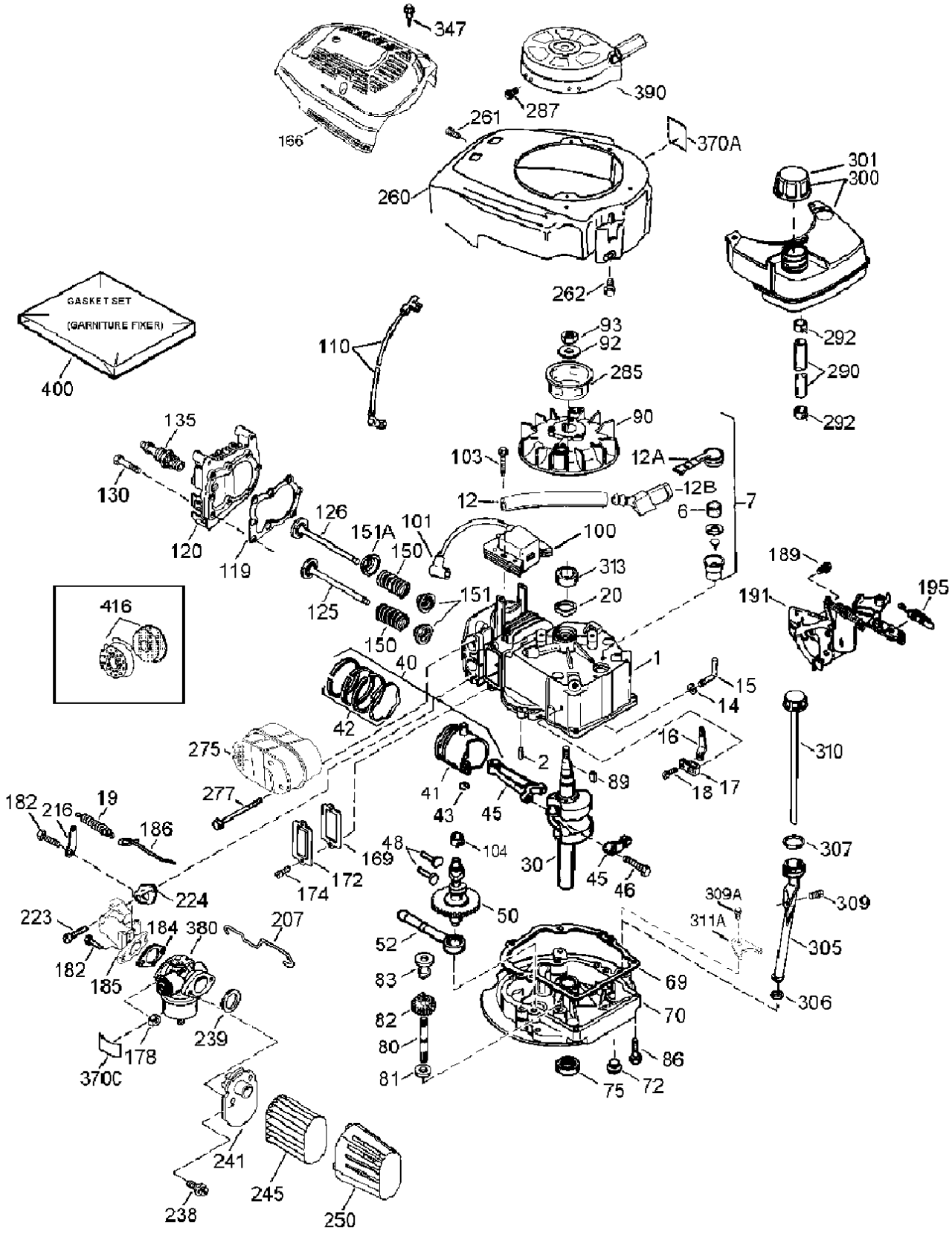


# Engine Assembly
# Tecumseh Model No. Lv195ea-362003b

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | 37465 | 1 | Cylinder (Incl. Ref. #2, 20 & 150) |
| ❷2 | 26727 | 2 | Dowel Pin |
| ❷6 | 33734 | 1 | Breather Element |
| ❷7 | 36557 | 1 | Breather ASM (Incl. Ref. #6 And 12a) |
| ❷12 | 36775 | 1 | Tube-Breather |
| ❷12A | 36558 | 1 | Breather Cover And Tube (Incl. Ref. #12b) |
| ❷12B | 36694 | 1 | Breather Tube Elbow |
| ❷14 | 28277 | 1 | Washer |
| ❷15 | 30589 | 1 | Governor Rod (Incl. Ref. #14) |
| ❷16 | 34839A | 1 | Governor Lever |
| ❷17 | 31335 | 1 | Governor Lever Clamp |
| ❷18 | 651018 | 1 | Screw, T-15, 8-32 X 19/64in |
| ❷19 | 36281 | 1 | Extension Spring |
| ❷20 | 32600 | 1 | Oil Seal |
| ❷30 | 37692 | 1 | Crankshaft |
| ❷40 | 40027 | 1 | Piston, Pin And Ring Set (Std.) |
| ❷41 | 40042 | 1 | Piston And Pin ASM (Std.) (Incl. Ref. # 43) |
| ❷42 | 40006 | 1 | Ring Set (Std.) |
| ❷43 | 20381 | 2 | Piston Pin Retaining Ring |
| ❷45 | 36777 | 1 | Connecting Rod ASM (Incl. Ref. #46) |
| ❷46 | 32610A | 2 | Connecting Rod Bolt |
| ❷48 | 27241 | 2 | Valve Lifter |
| ❷50 | 37460 | 1 | Camshaft (Exhaust Mcr) (Incl. Ref. #104) |
| ❷52 | 29914 | 1 | Oil Pump Asm. |
| ❷*69 | 37609 | 1 | Mounting Flange Gasket |
| ❷70 | 37608 | 1 | Flange-Mounting (Incl. Ref. #72-83,306,309a & 311a) |
| ❷72 | 37614 | 1 | Oil Drain Plug |
| ❷75 | 27897 | 1 | Oil Seal |
| ❷80 | 30574A | 1 | Governor Shaft |
| ❷81 | 30590A | 1 | Washer |
| ❷82 | 30591 | 1 | Governor Gear ASM (Incl. Ref. #81) |
| ❷83 | 30588A | 1 | Governor Spool |
| ❷86 | 650488 | 6 | Screw, 1/4-20 X 1-1/4in |
| ❷89 | 611004 | 1 | Key-Flywheel |
| ❷90 | 611112 | 1 | Flywheel |
| ❷92 | 650815 | 1 | Belleville Washer |
| ❷93 | 650816 | 1 | Flywheel Nut |
| ❷100 | 34443C | 1 | Solid State Ignition |
| ❷101 | 610118 | 1 | Spark Plug Cover |
| ❷103 | 651007 | 2 | Screw, T-15, 10-24 X 15/16in |
| ❷104 | 37480 | 1 | Cam Bushing |
| ❷110 | 37047 | 1 | Ground Wire |
| ❷*119 | 36787 | 1 | Gasket-Cylinder Head |
| ❷120 | 36825 | 1 | Head-Cylinder |
| ❷125 | 36780 | 1 | Valve-Exhaust (1/32in Os) (Incl. 151) |

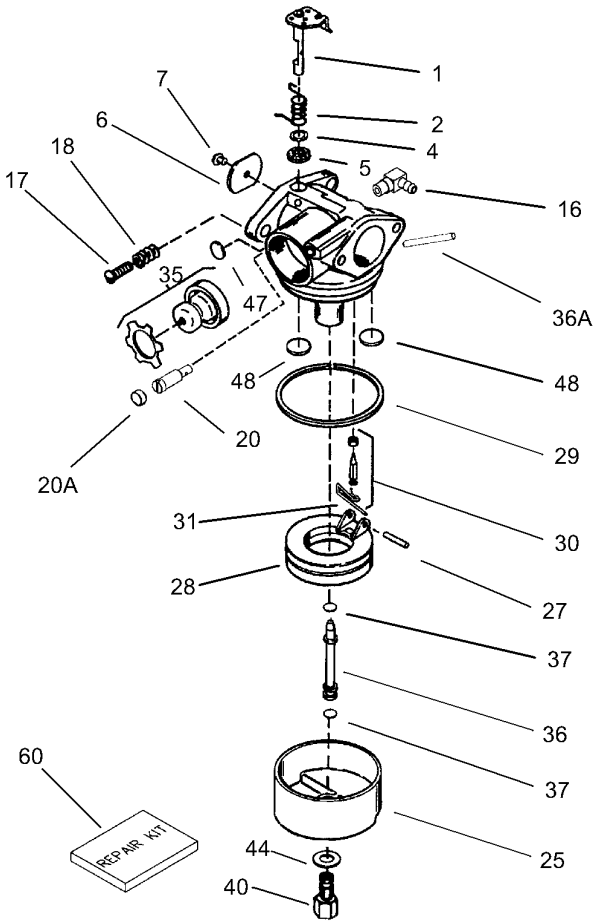
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷125 | 37288 | 1 | Valve-Exhaust (Std.) (Incl. Ref. #151) |
| ❷126 | 37289 | 1 | Valve-Intake (Std.) (Incl. Ref. #151 And 151a) |
| ❷130 | 6021A | 8 | Screw, 5/16-18 X 1-7/16in |
| ❷135 | 35395 | 1 | Resistor Spark Plug (Rj19lm) |
| ❷150 | 31672 | 2 | Valve Spring |
| ❷151 | 31673 | 2 | Valve Spring Cap |
| ❷151A | 40017 | 1 | Intake Valve Seal |
| ❷166 | 37694 | 1 | Engine Shroud (Red) |
| ❷*169 | 36783 | 1 | Valve Cover Gasket |
| ❷172 | 36784 | 1 | Valve Cover |
| ❷174 | 30200 | 2 | Screw, 10-24 X 9/16in |
| ❷178 | 29752 | 2 | Nut & Lock Washer, 1/4-28 |
| ❷182 | 6201 | 2 | Screw, 1/4-28 X 7/8in |
| ❷*184 | 26756 | 1 | Carburetor To Intake Pipe Gasket |
| ❷185 | 37466 | 1 | Intake Pipe |
| ❷186 | 32653 | 1 | Governor Link |
| ❷189 | 650839 | 2 | Screw, 1/4-20 X 3/8in |
| ❷191 | 36559A | 1 | Bracket-S.e. Brake (Incl. Ref. #195) |
| ❷195 | 610973 | 1 | Terminal |
| ❷207 | 34336A | 1 | Throttle Link |
| ❷216 | 33086 | 1 | R.p.m. Adjusting Lever |
| ❷223 | 650451 | 2 | Screw, 1/4-20 X 1in |
| ❷*224 | 36786 | 1 | Intake Pipe Gasket |
| ❷238 | 650932 | 2 | Screw, 10-32 X 49/64in |
| ❷*239 | 34338 | 1 | Air Cleaner Gasket |
| ❷241 | 36919 | 1 | Air Cleaner Collar |
| ❷245 | 36905 | 1 | Air Cleaner Filter |
| ❷250 | 37122 | 1 | Air Cleaner Cover |
| ❷260 | 37696A | 1 | Blower Housing |
| ❷261 | 30200 | 2 | Screw, 10-24 X 9/16in |
| ❷262 | 650831 | 2 | Screw, 1/4-20 X 1/2in |
| ❷275 | 37498 | 1 | Muffler |
| ❷277 | 650988 | 2 | Screw, 1/4-20 X 2-9/32in |
| ❷285 | 35000A | 1 | Starter Cup |
| ❷287 | 650926 | 2 | Screw, 8-32 X 21/64in |
| ❷290 | 29774 | 1 | Fuel Line |
| ❷292 | 26460 | 2 | Fuel Line Clamp |
| ❷300 | 35586A | 1 | Fuel Tank (Incl. Ref. #292 And 301) |
| ❷301 | 36246 | 1 | Fuel Cap ASM |
| ❷305 | 35647 | 1 | Oil Fill Tube |
| ❷*306 | 37610 | 1 | Inoin-Ring |
| ❷307 | 35499 | 1 | Inoin-Ring |
| ❷309 | 650562 | 1 | Screw, 10-32 X 1/2in |
| ❷309A | 650783 | 1 | Screw, 10-24 X 3/4in |
| ❷310 | 35648 | 1 | Dipstick |
| ❷311A | 37611 | 1 | Hold Down Bracket |
| ❷313 | 34080 | 1 | Spacer |
| ❷347 | 650898A | 1 | Screw, 10-32 X 27/32in |

# Engine Assembly
# Tecumseh Model No. Lv195ea-362003b (continued)



# Engine Assembly
# Tecumseh Model No. Lv195ea-362003b (continued)

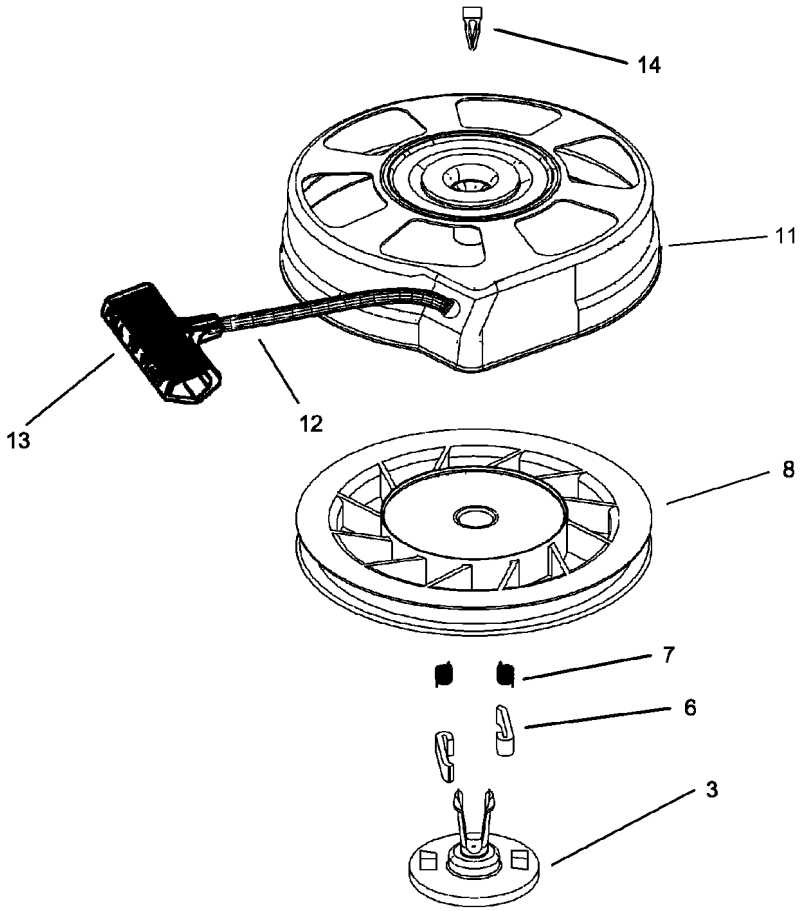
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷370 | 35977 | 1 | Warning Decal |
| ❷370A | 36261 | 2 | Lubrication Decal |
| ❷370C | 37695 | 1 | Primer Decal (3 X) |
| ❷380 | 640303 | 1 | Carburetor (Incl. Ref. #184) |
| ❷390 | 590739 | 1 | Rewind Starter (Note: This Engine Could Have Been Built With 590702 Starter.) |
| ❷400 | 37613 | 1 | Gasket Set |
| ❷416 | 37530 | 1 | Spark Arrestor Kit (Optional) |
| ❷ | 750876 | 1 | Shortblock |




# Carburetor Assembly No. 640303
# Tecumseh Model No. Lv95ea-362003b

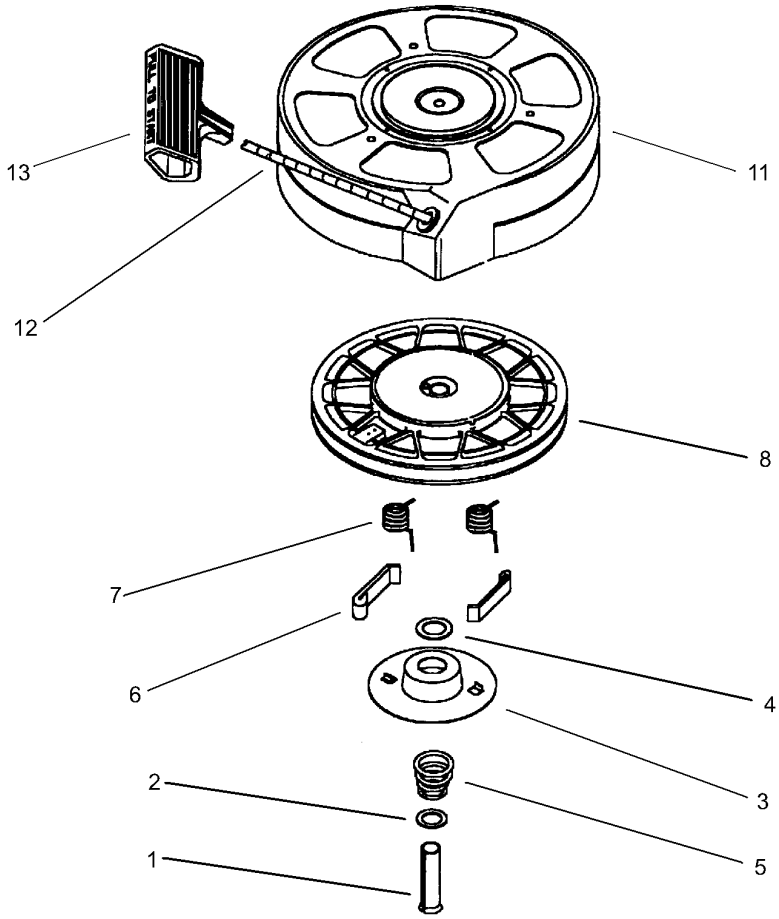
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷0 | 640303 | 1 | Carburetor (Incl. 184 Of Engine Parts List) |
| ❷1 | 631615 | 1 | Throttle Shaft & Lever ASM |
| ❷2 | 631767 | 1 | Throttle Return Spring |
| ❷4 | 631184 | 1 | Dust Seal Washer |
| ❷5 | 631183 | 1 | Dust Seal |
| ❷6 | 640070 | 1 | Throttle Shutter |
| ❷7 | 650506 | 1 | Shutter Screw |
| ❷16 | 631807 | 1 | Fuel Fitting |
| ❷17 | 651025 | 1 | Throttle Crack Screw/idle Speed Screw |
| ❷18 | 630766 | 1 | Tension Spring |
| ❷20 | 640018 | 1 | Idle Restrictor Screw |
| ❷20A | 640200 | 1 | Idle Restrictor Screw Cap |
| ❷25 | 631867 | 1 | Float Bowl |
| ❷27 | 631024 | 1 | Float Shaft |
| ❷28 | 632802 | 1 | Float (Plastic) |
| ❷29 | 631028 | 1 | Float Bowl O-Ring |
| ❷30 | 632807 | 1 | Inlet Needle, Seat, & Clip (Incl. 31) |
| ❷31 | 631022 | 1 | Spring Clip |
| ❷35 | 640259 | 1 | Primer Bulb(Red)/retainer Ring |
| ❷36 | 640019 | 1 | Main Nozzle Tube |
| ❷36A | 632766 | 1 | Bowl Vent Tube Extension |
| ❷37 | 632547 | 2 | O-Ring, Main Nozzle Tube |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷40 | 640087 | 1 | High Speed Bowl Nut |
| ❷44 | 27110A | 1 | Bowl Nut Washer |
| ❷47 | 630748 | 1 | Welch Plug, Idle Mixture Well |
| ❷48 | 631027 | 2 | Welch Plug, Atmospheric Vent |
| ❷60 | 632809 | 1 | Repair Kit |




# Rewind Starter Assembly No. 590739
# Tecumseh Model No. LV195EA-362003B

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷0 | 590739 | 1 | Rewind Starter (Note: This Engine Could Have Been Built With 590702 Starter.) |
| ❷3 | 590740 | 1 | Retainer |
| ❷6 | 590616 | 2 | Starter Dog |
| ❷7 | 590617 | 2 | Dog Spring |
| ❷8 | 590618A | 1 | Pulley & Rewind Spring ASM |
| ❷11 | 590638A | 1 | Starter Housing ASM (40 Degree Grommet) |
| ❷12 | 590535 | 1 | Starter Rope ( 98in X 9/64in Dia.) |
| ❷13 | 590701 | 1 | Starter Handle |
| ❷14 | 590760 | 1 | Spring Clip |




# Recoil Starter (Optional) No. 590702
# Tecumseh Model No. LV195EA-362003B

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷0 | 590702 | 1 | Recoil Starter |
| ❷1 | 590599A | 1 | Spring Pin (Incl. 4) |
| ❷2 | 590600 | 1 | Washer |
| ❷3 | 590696 | 1 | Retainer |
| ❷4 | 590601 | 1 | Washer |
| ❷5 | 590697 | 1 | Brake Spring |
| ❷6 | 590698 | 2 | Starter Dog |
| ❷7 | 590699 | 2 | Dog Spring |
| ❷8 | 590700 | 1 | Pulley & Rewind Spring Asm. |
| ❷11 | 590703A | 1 | Starter Housing Asm. (40 Degree Grommet) |
| ❷12 | 590535 | 1 | Starter Rope ( 98in X 9/64in Dia.) |
| ❷13 | 590701 | 1 | Starter Handle |

# NOTES


TORO®