Form Number 3352-934 Rev B

# Insight™ Lawn Mower

**Model No. 10671 - 250000001 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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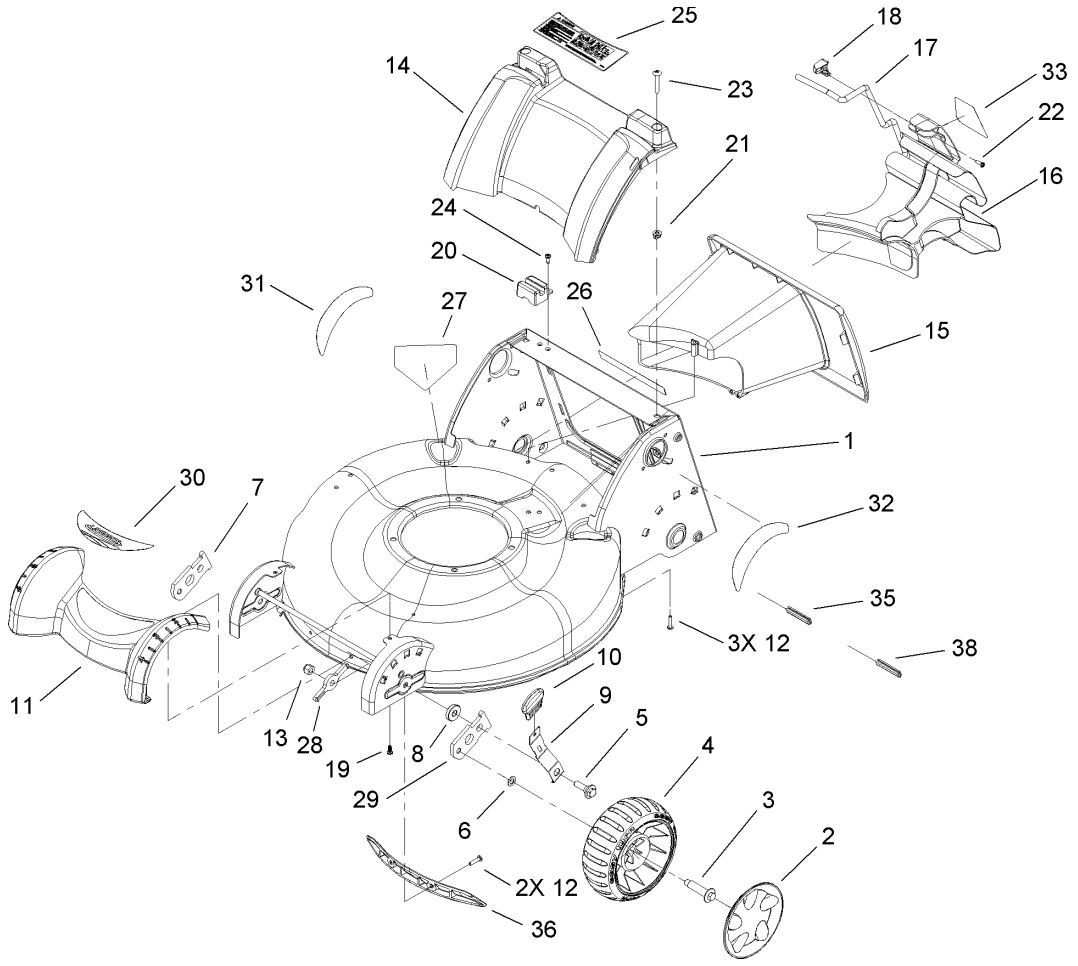

# Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. . . . . as required
ASM. . . . . assembly
BBC. . . . . blade brake clutch
CARR. . . . . carriage
DEG. . . . . degrees
EXT. . . . . external
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
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
NPTF. . . . . national pipe thread fine
PPH. . . . . phillips pan head
PPHTF. . . . . phillips pan head thread forming
PRH. . . . . phillips round head
PTH. . . . . phillips truss head
PTO. . . . . power take off
RH. . . . . right hand
ROPS. . . . . roll over protection system
SFH. . . . . slotted fillister head
SHH. . . . . slotted hex head
SHWH. . . . . slotted hex washer head
SPH. . . . . slotted pan head
SQH. . . . . square head

# Footnotes

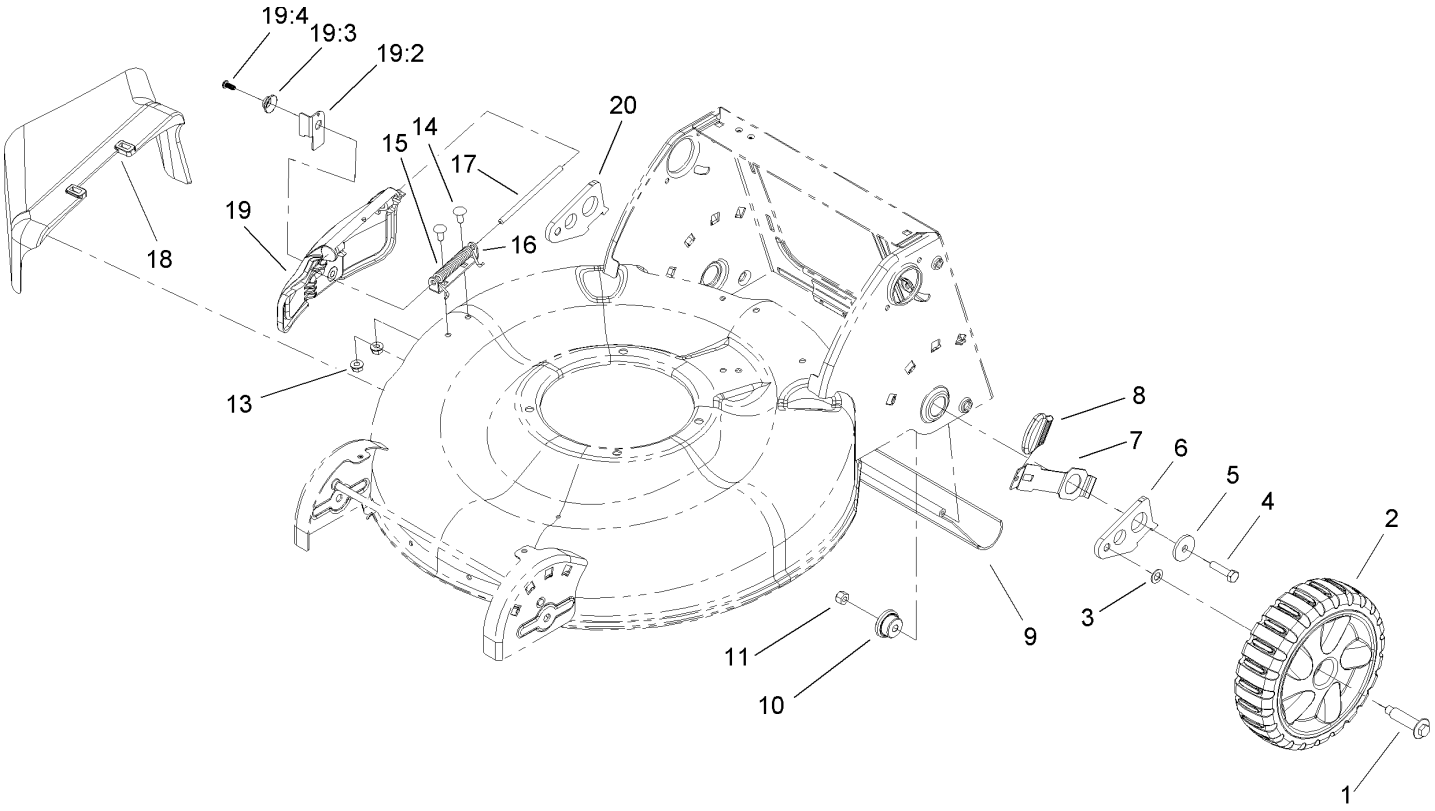
❶ Not illustrated
❷ Not serviced separately
❸ Obtain from your local Tecumseh dealer
❹ Included in Repair Kit No. 632760B




# Front End and Tunnel Assembly

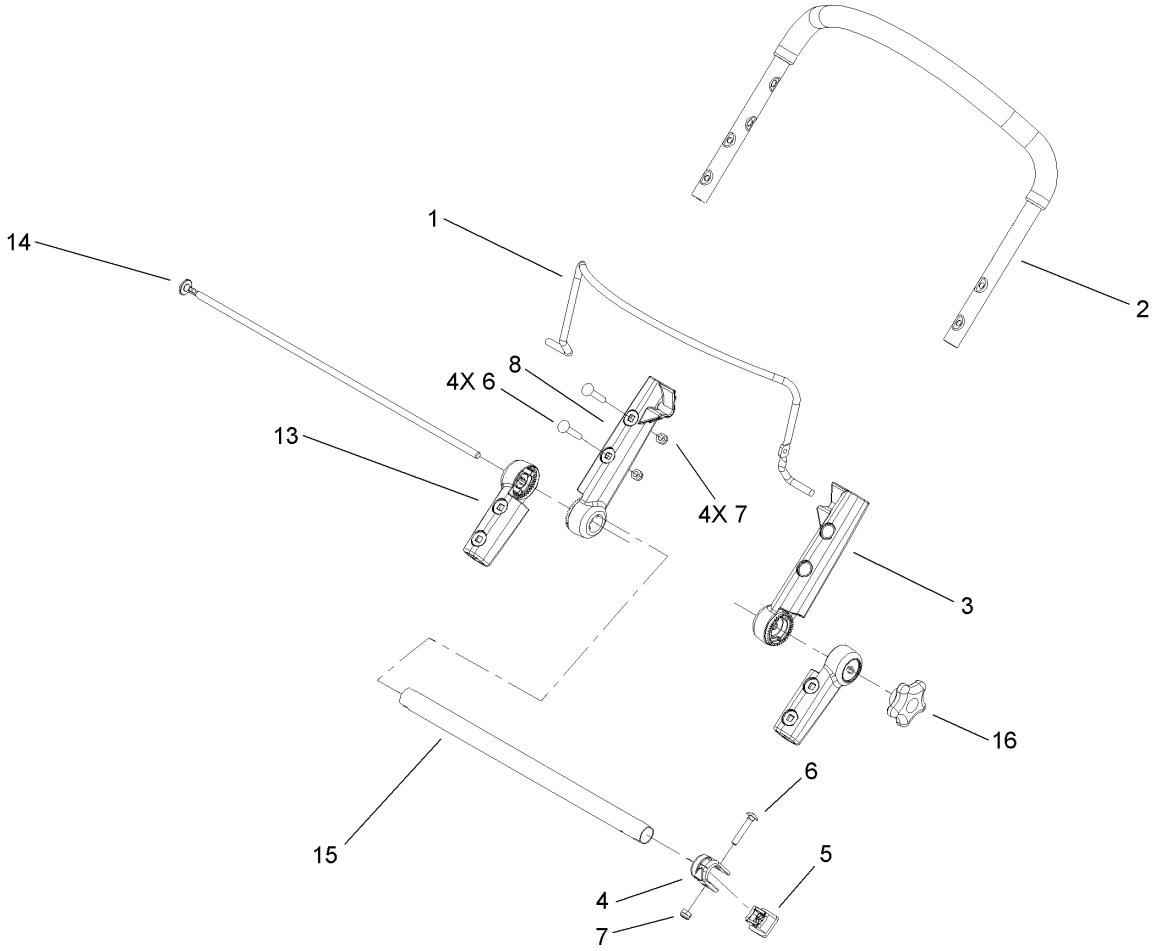
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 108-1011-02 | 1 | Housing ASM |
| 2 | 107-3886 | 2 | Cover-Wheel, 7In |
| 3 | 614650 | 2 | Bolt-Shoulder |
| 4 | 107-3891 | 2 | 7In Wheel ASM |
| 5 | 614672 | 2 | Bolt-Shoulder |
| 6 | 40-1940 | 2 | Washer |
| 7 | 107-3877 | 1 | Arm-Pivot, RH |
| 8 | 92-4890 | 2 | Washer |
| 9 | 107-3878 | 2 | Arm-Spring |
| 10 | 107-1904 | 2 | Knob-Lever, HOC |
| 11 | 107-3926 | 1 | Cover-Front |
| 12 | 108-7476 | 5 | Screw-Plastite |
| 13 | 3296-39 | 2 | Nut-Lock, NI |
| 14 | 108-9350 | 1 | Cover-Rear |
| 15 | 107-3905 | 1 | Tunnel |
| 16 | 107-3907 | 1 | Plug-Chute |
| 17 | 108-1038 | 1 | Latch-Plug |
| 18 | 108-0956 | 1 | Retainer-Latch |
| 19 | 108-7475 | 2 | Screw-Plastite |
| 20 | 108-0967 | 1 | Module-Switch |
| 21 | 94-1610 | 2 | Nut-Clip |
| 22 | 32144-111 | 1 | Screw-PPH |
| 23 | 108-0965 | 2 | Screw-PTH |
| 24 | 105-6849 | 2 | Screw-Thread Forming |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 25 | 93-4105 | 1 | Decal-Danger |
| 26 | 107-3889 | 1 | Decal-Safety |
| 27 | 94-8072 | 1 | Decal-Danger |
| 28 | 108-1048 | 2 | Washer-Support, Front |
| 29 | 108-1044 | 1 | Arm-Pivot, LH |
| 30 | 108-7453 | 1 | Decal |
| 31 | 108-7450 | 1 | Decal-HOC, RH |
| 32 | 108-7451 | 1 | Decal-HOC, LH |
| 33 | 108-7461 | 1 | Decal |
| 35 | 108-7504 | 1 | Strip-Edge |
| 36 | 108-7502 | 1 | Insert-Housing |
| 38 | 108-9380 | 1 | Strip-Edge |
| ❶39 | 110-1751 | 1 | Mulch Plug ASM |



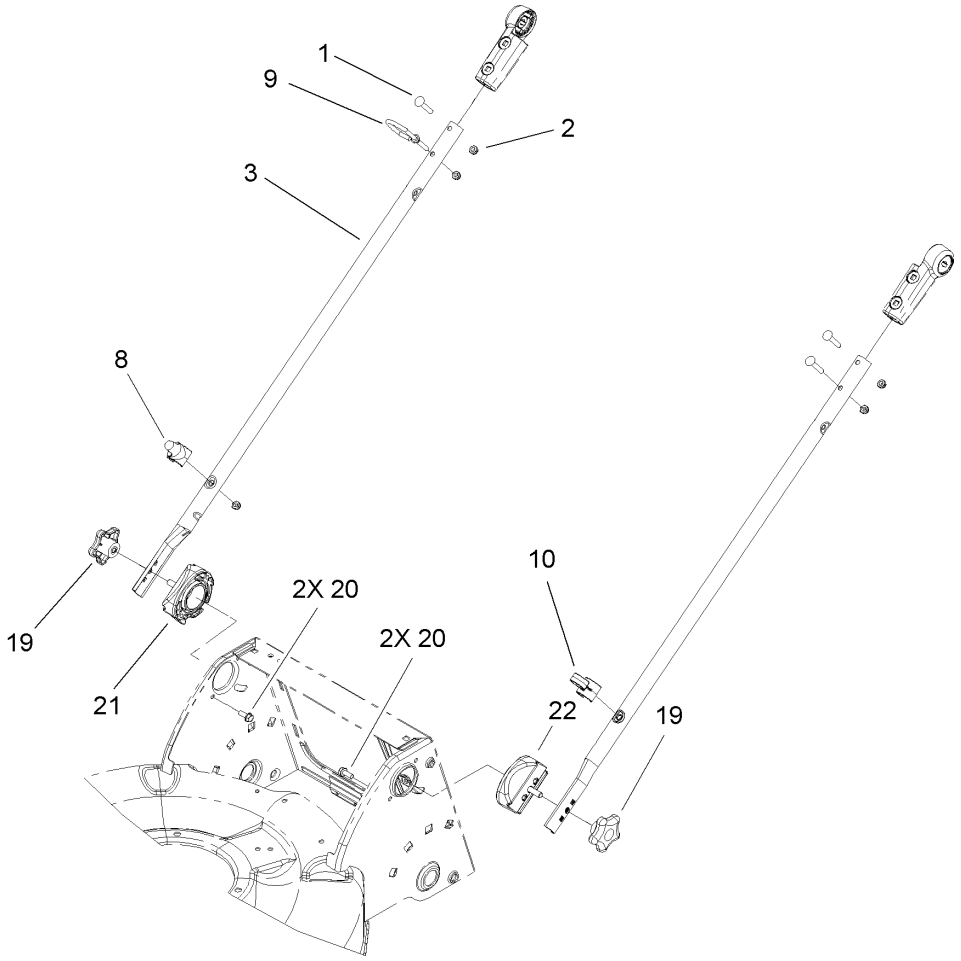

# Rear End Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 614650 | 2 | Bolt-Shoulder |
| 2 | 107-3898 | 2 | 8 In Wheel ASM |
| 3 | 40-1940 | 2 | Washer |
| 4 | 322-6 | 2 | Screw-HH |
| 5 | 105-3048 | 2 | Washer-Flat |
| 6 | 107-3879 | 1 | Arm-Pivot, Rear (LH) |
| 7 | 107-3880 | 2 | Arm-Spring, Rear |
| 8 | 107-1904 | 2 | Knob-Lever, HOC |
| 9 | 107-3904 | 1 | Shield-Trailing |
| 10 | 105-1818 | 2 | Bushing-Mount, HOC |
| 11 | 3296-29 | 2 | Nut-Lock, NI |
| 13 | 32128-32 | 2 | Nut-HHF |
| 14 | 3229-11 | 2 | Screw-CARR |
| 15 | 99-5293 | 1 | Spring-Torsion |
| 16 | 99-5292 | 1 | Bracket-Cover |
| 17 | 99-5291 | 1 | Rod-Cover |
| 18 | 105-3028 | 1 | Chute-Discharge, Side |
| 19 | 106-8376 | 1 | Discharge Door ASM |
| 19:2 | 107-0795 | 1 | Latch-Door |
| 19:3 | 107-7456 | 1 | Cap-Door |
| 19:4 | 107-7461 | 1 | Screw-Plastite |
| 20 | 108-1039 | 1 | Arm-Pivot, Rear (RH) |



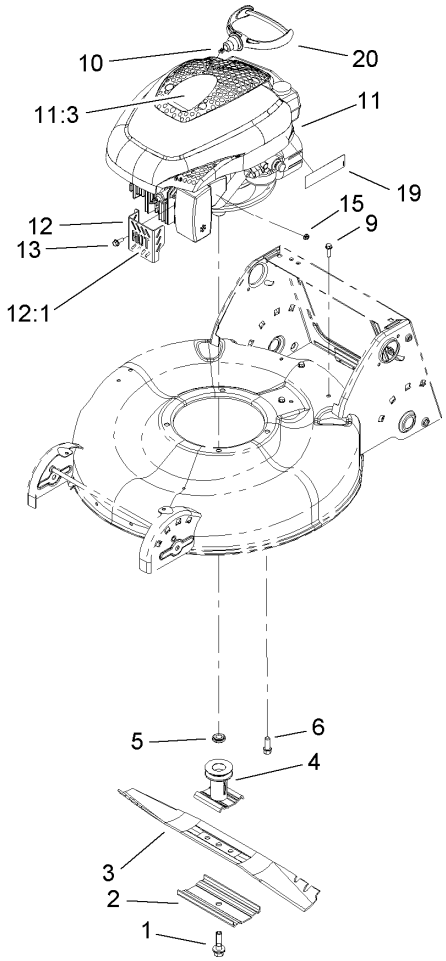

# Upper Handle Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 108-1035-03 | 1 | Bail-Brake |
| 2 | 110-1752 | 1 | Handle ASM |
| 3 | 108-1030 | 1 | Mount-Handle, LH |
| 4 | 107-3910 | 1 | Cable-Brake |
| 5 | 108-1040 | 1 | Support-Mount, Cable |
| 6 | 108-0988 | 5 | Screw-CARR |
| 7 | 3296-73 | 5 | Nut-Lock, NI |
| 8 | 108-1031 | 1 | Mount-Handle, RH |
| 13 | 107-3865 | 2 | Mount-Handle, Lower |
| 14 | 107-3871 | 1 | Rod-Threaded |
| 15 | 107-3867-03 | 1 | Tube-Cross |
| 16 | 107-3937 | 1 | Knob |



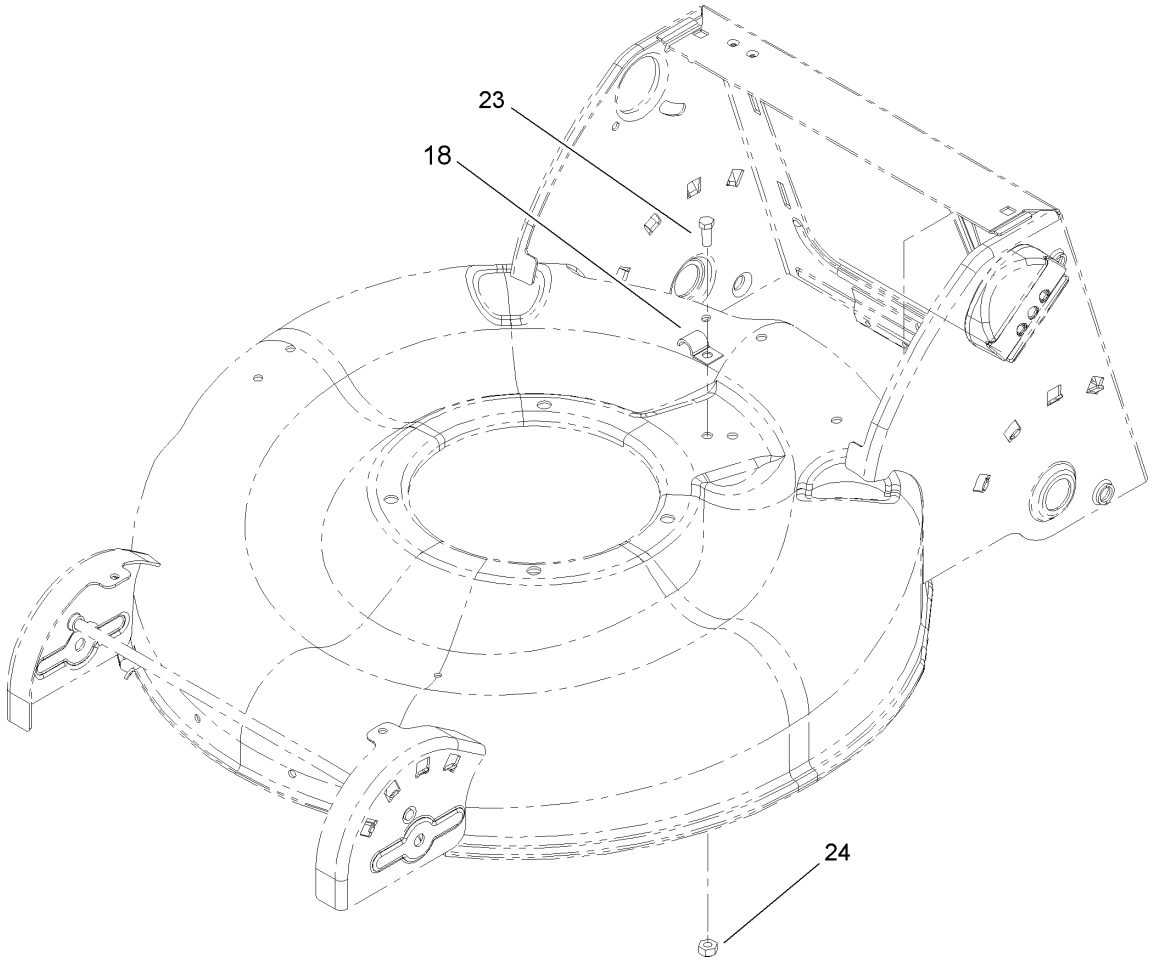

# Lower Handle Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 108-0988 | 3 | Screw-CARR |
| 2 | 3296-73 | 5 | Nut-Lock, NI |
| 3 | 107-3887-03 | 2 | Tube-Lower |
| 8 | 108-0994 | 1 | Guide-Rope, Lower |
| 9 | 107-3908 | 1 | Guide-Rope, Upper |
| 10 | 106-6805 | 1 | Guide-Cable |
| 19 | 106-4161 | 2 | Knob-Handle |
| 20 | 32144-85 | 4 | Screw-HWH |
| 21 | 108-1042 | 1 | RH Handle Mount ASM |
| 22 | 108-1043 | 1 | LH Handle Mount ASM |



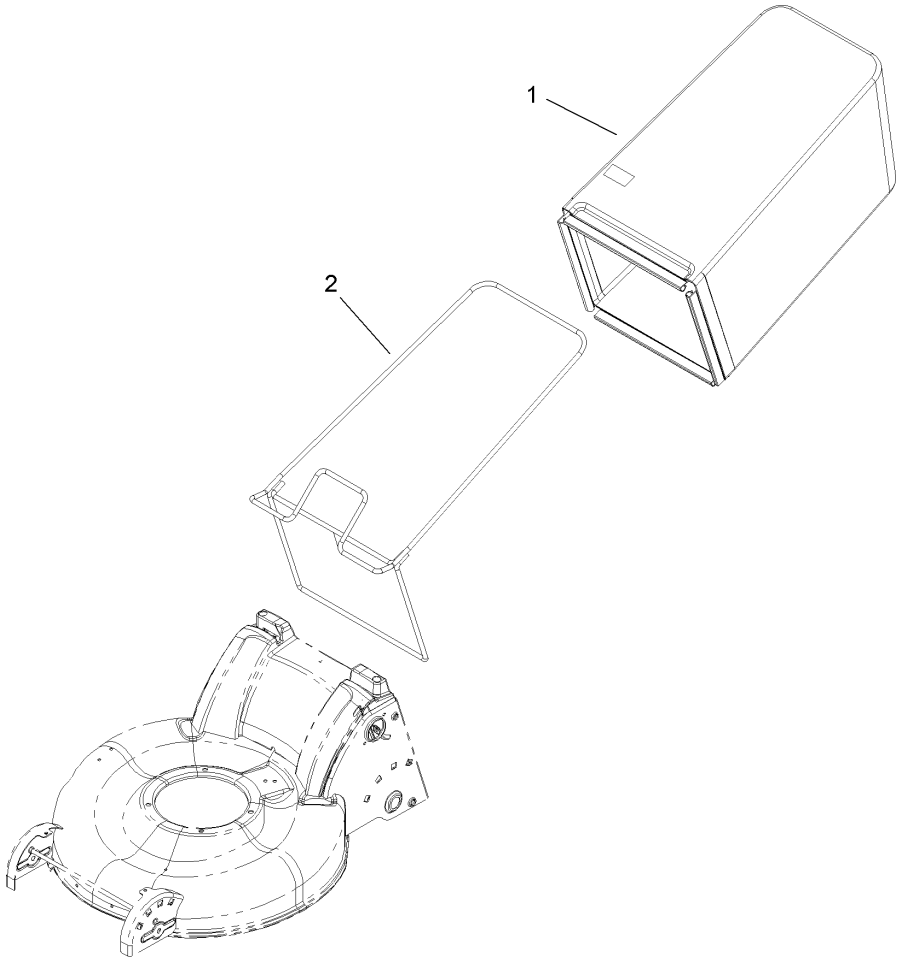

# Blade and Engine Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 105-8579 | 1 | Bolt-Blade |
| 2 | 108-3766-03 | 1 | Support-Blade |
| 3 | 108-0954-03 | 1 | Blade-21 In |
| 4 | 106-3987 | 1 | Blade Driver ASM |
| 5 | 106-3999 | 1 | Spacer-Driver |
| 6 | 92-1624 | 3 | Screw |
| 9 | 46-8091 | 3 | Screw-HWH |
| 10 | 92-1701 | 1 | Stop-Rope |
| ❷❸11 | | 1 | Engine-Tecumseh, Lv195Ea-362044C |
| 11:3 | 108-7452 | 1 | Decal-Recoil |
| 12 | 106-8387 | 1 | Muffler Guard ASM |
| 12:1 | 106-5517 | 1 | Decal-Surface, Hot |
| 13 | 32144-85 | 1 | Screw-HWH |
| 15 | 32149-7 | 1 | Nut-Keps |
| 19 | 105-6832 | 1 | Decal-Primer |
| 20 | 106-8345 | 1 | Handle-Recoil |




# Clip Assembly

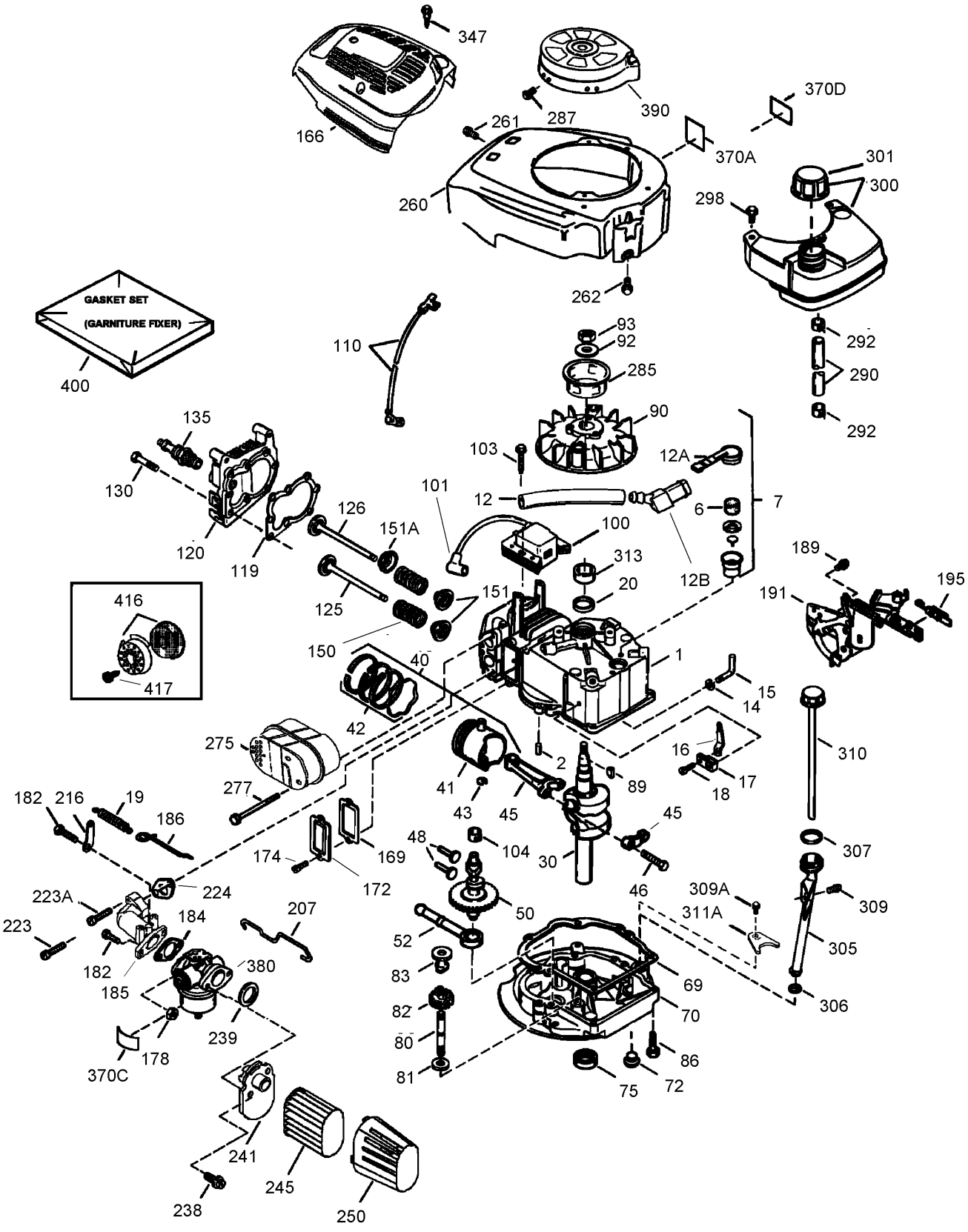
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 18 | 2412-90 | 1 | Clip-Half |
| 23 | 321-2 | 1 | Screw-HH |
| 24 | 3296-42 | 1 | Nut-Lock, NI |




# Rear Bag Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 107-3911 | 1 | Bag-Grass |
| 2 | 107-3912-03 | 1 | Bag Frame ASM |

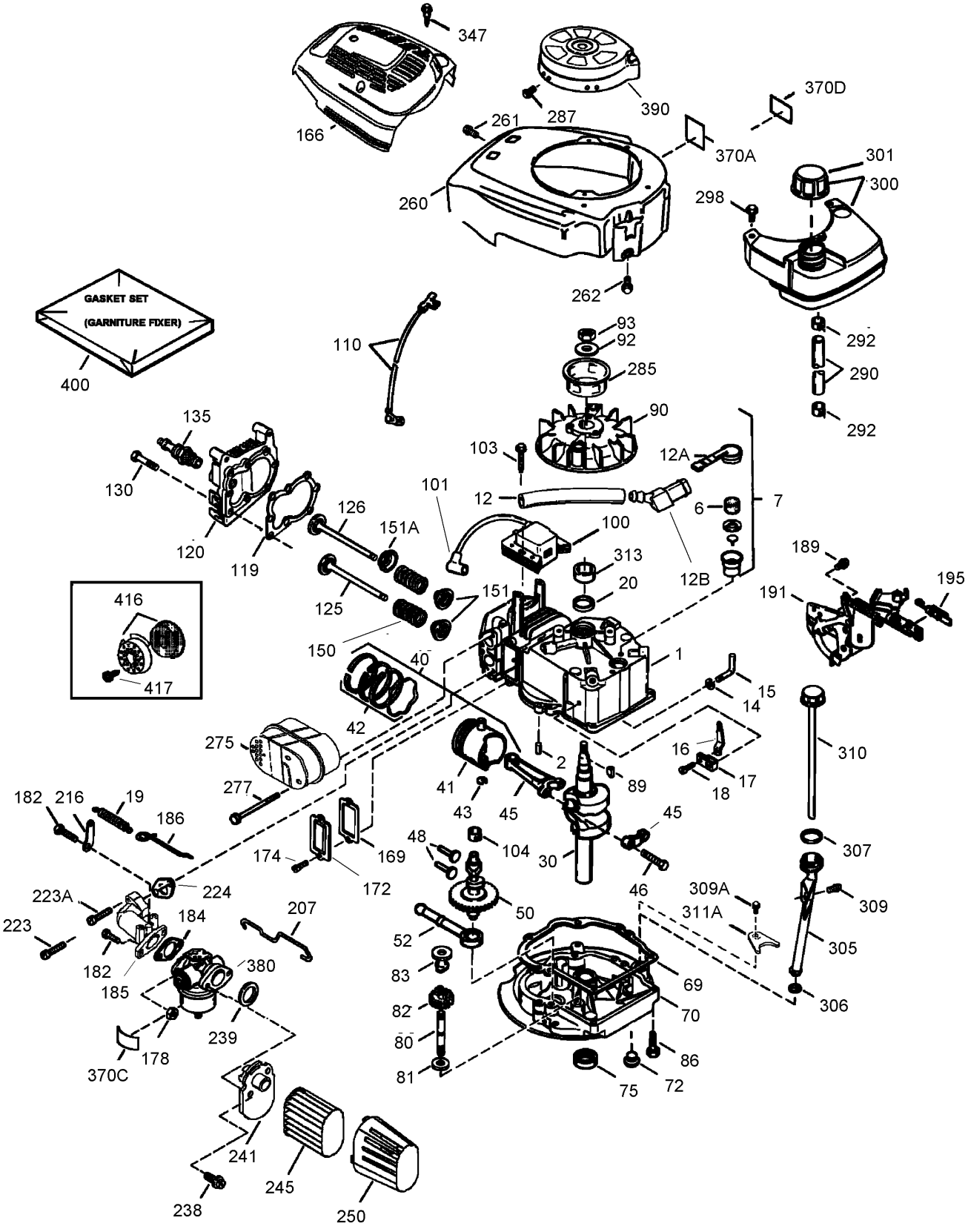
# Engine Assembly
# Tecumseh LV195EA-362044C



# Engine Assembly
# Tecumseh LV195EA-362044C

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸1 | 37465 | 1 | Cylinder |
| ❸2 | 26727 | 2 | Pin-Dowel |
| ❸6 | 33734 | 1 | Element-Breather |
| ❸7 | 36557 | 1 | Breather ASM |
| ❸12 | 37944 | 1 | Tube-Breather |
| ❸12A | 36558 | 1 | Breather Cover And Tube ASM |
| ❸12B | 36694 | 1 | Elbow-Tube, Breather |
| ❸14 | 28277 | 1 | Washer |
| ❸15 | 30589 | 1 | Rod-Governor |
| ❸16 | 34839A | 1 | Lever-Governor |
| ❸17 | 31335 | 1 | Clamp-Lever, Governor |
| ❸18 | 651018 | 1 | Screw |
| ❸19 | 36281 | 1 | Spring-Extension |
| ❸20 | 32600 | 1 | Seal-Oil |
| ❸30 | 37692 | 1 | Crankshaft |
| ❸40 | 40027 | 1 | Piston Pin And Ring Set (STD.) |
| ❸41 | 40042 | 1 | Piston And Pin ASM (STD.) |
| ❸42 | 40006 | 1 | Ring Set (STD.) |
| ❸43 | 20381 | 2 | Ring-Retaining |
| ❸45 | 36777 | 1 | Connecting Rod ASM |
| ❸46 | 32610A | 2 | Bolt-Rod, Connecting |
| ❸48 | 27241 | 2 | Lifter-Valve |
| ❸50 | 37460 | 1 | Camshaft |
| ❸52 | 29914 | 1 | Oil Pump ASM |
| ❸69 | 37609 | 1 | Gasket-Flange, Mounting |
| ❸70 | 37608 | 1 | Flange-Mounting |
| ❸72 | 37614 | 1 | Plug-Drain, Oil |
| ❸75 | 27897 | 1 | Seal-Oil |
| ❸80 | 30574A | 1 | Shaft-Governor |
| ❸81 | 30590A | 1 | Washer |
| ❸82 | 30591 | 1 | Governor Gear ASM |
| ❸83 | 30588A | 1 | Spool-Governor |
| ❸86 | 650488 | 6 | Screw (1/4–20 X 1–1/4In) |
| ❸89 | 611298 | 1 | Key-Flywheel |
| ❸90 | 611299 | 1 | Flywheel |
| ❸92 | 650815 | 1 | Washer-Belleville |
| ❸93 | 650816 | 1 | Nut-Flywheel |
| ❸100 | 34443C | 1 | Ignition-Solid State |
| ❸101 | 610118 | 1 | Cover-Spark Plug |
| ❸103 | 651007 | 2 | Screw |
| ❸104 | 37480 | 1 | Bushing-Cam |

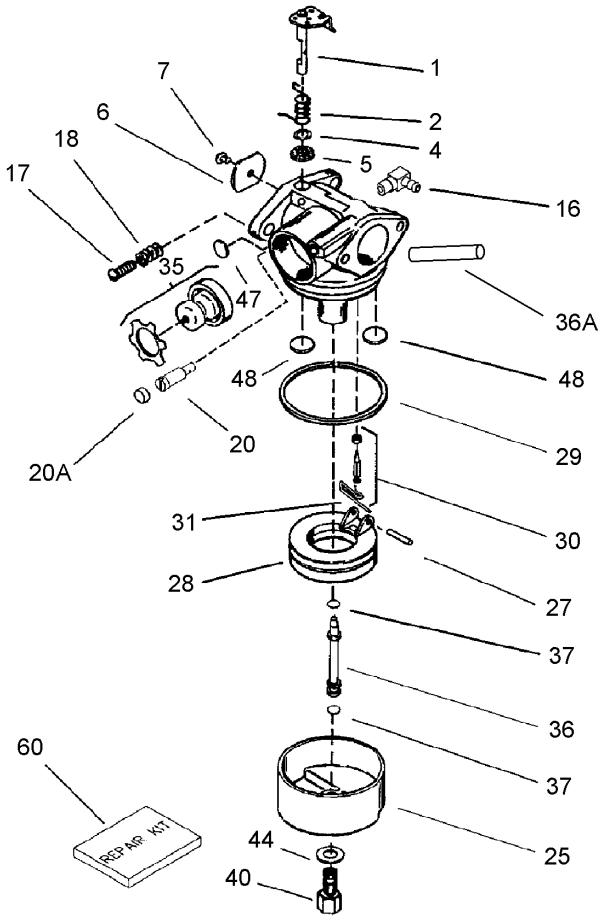
# Engine Assembly (continued)
# Tecumseh LV195EA-362044C



# Engine Assembly (continued)
# Tecumseh LV195EA-362044C

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸110 | 37047 | 1 | Wire-Ground |
| ❸119 | 37796 | 1 | Gasket-Head, Cylinder |
| ❸120 | 37714 | 1 | Head-Cylinder |
| ❸125 | 36780 | 1 | Valve-Exhaust (1/32In Os) |
| ❸125 | 37288 | 1 | Valve-Exhaust (STD.) |
| ❸126 | 37289 | 1 | Valve-Intake (STD.) |
| ❸130 | 6021A | 8 | Screw (5/16–18 X 1–7/16In) |
| ❸135 | 35395 | 1 | Spark Plug-Resistor |
| ❸150 | 31672 | 2 | Spring-Valve |
| ❸151 | 31673 | 2 | Cap-Spring, Valve |
| ❸151A | 40017 | 1 | Seal-Valve, Intake |
| ❸166 | 37813 | 1 | Shroud-Engine |
| ❸169 | 36783 | 1 | Gasket-Cover, Valve |
| ❸172 | 36784 | 1 | Cover-Valve |
| ❸174 | 30200 | 2 | Screw (10–24 X 9/16In) |
| ❸178 | 29752 | 2 | Nut And Lock Washer ASM |
| ❸182 | 6201 | 2 | Screw (1/4–28 X 7/8In) |
| ❸184 | 26756 | 1 | Gasket-Carburetor To Intake Pipe |
| ❸185 | 37466 | 1 | Pipe-Intake |
| ❸186 | 32653 | 1 | Link-Governor |
| ❸189 | 650839 | 2 | Screw (1/4–20 X 3/8In) |
| ❸191 | 36559A | 1 | Bracket-Brake |
| ❸195 | 610973 | 1 | Terminal |
| ❸207 | 34336A | 1 | Link-Throttle |
| ❸216 | 33086 | 1 | Lever-Adjusting, R.P.M. |
| ❸223 | 650451 | 1 | Screw (1/4–20 X 1In) |
| ❸223A | 651074 | 1 | Stud-Pipe, Intake |
| ❸224 | 36786 | 1 | Gasket-Pipe, Intake |
| ❸238 | 650932 | 2 | Screw (10–32 X 49/64In) |
| ❸239 | 34338 | 1 | Gasket-Cleaner, Air |
| ❸241 | 36919 | 1 | Collar-Cleaner, Air |
| ❸245 | 36905 | 1 | Filter-Cleaner, Air |
| ❸250 | 37122 | 1 | Cover-Cleaner, Air |
| ❸260 | 37696A | 1 | Housing-Blower |
| ❸261 | 30200 | 2 | Screw (10–24 X 9/16In) |
| ❸262 | 650831 | 2 | Screw (1/4–20 X 1/2In) |
| ❸275 | 37498 | 1 | Muffler |
| ❸277 | 650988 | 2 | Screw (1/4–20 X 2–9/32In) |
| ❸285 | 35000A | 1 | Cup-Starter |
| ❸287 | 650926 | 2 | Screw (8–32 X 21/64In) |
| ❸290 | 29774 | 1 | Line-Fuel |
| ❸292 | 26460 | 2 | Clamp-Line, Fuel |
| ❸298 | 28763 | 2 | Screw (10–32 C 35/64In) |
| ❸300 | 37947 | 1 | Fuel Tank ASM |
| ❸301 | 37844 | 1 | Fuel Cap ASM |
| ❸305 | 35647 | 1 | Tube-Fill, Oil |
| ❸306 | 37610 | 1 | O–Ring |
| ❸307 | 35499 | 1 | O–Ring |
| ❸309 | 650562 | 1 | Screw (10–32 X 1/2In) |
| ❸309A | 650783 | 1 | Screw (10–24 X 3/4In) |
| ❸310 | 35648 | 1 | Dipstick |
| ❸311A | 37611 | 1 | Bracket-Down, Hold |

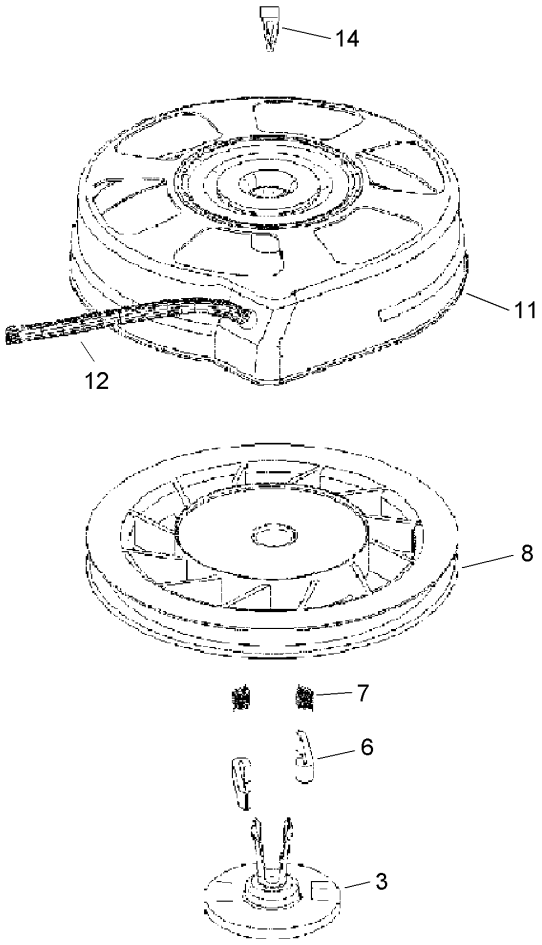
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸313 | 34080 | 1 | Spacer |
| ❸347 | 650898A | 4 | Screw (10–32 X 27/32In) |
| ❸370A | 36261 | 2 | Decal-Lubrication |
| ❸370C | 37695 | 1 | Decal-Primer |
| ❸370D | 35977 | 1 | Decal-Warning |
| ❸380 | 640350 | 1 | Carburetor ASM |
| ❸390 | 590739 | 1 | Starter-Rewind |
| ❸400 | 37613A | 1 | Gasket Set |
| ❸416 | 37530 | 1 | Spark Arrestor Kit (Optional) |




# Carburetor Assembly No. 640350
# Tecumseh LV195EA-362044C

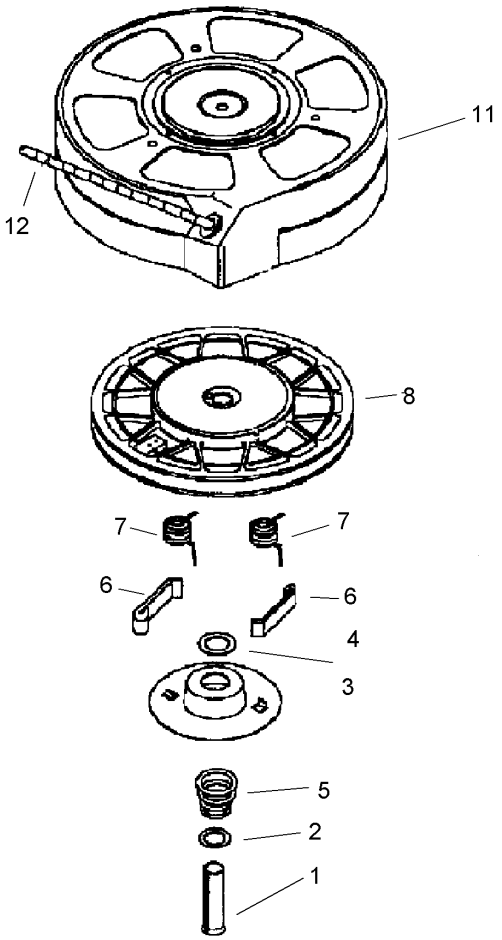
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸0 | 640350 | 1 | Carburetor ASM |
| ❸1 | 631615 | 1 | Throttle Shaft And Lever ASM |
| ❸2 | 631767 | 1 | Spring-Return, Throttle |
| ❸❹4 | 631184 | 1 | Washer-Seal, Dust |
| ❸❹5 | 631183 | 1 | Seal-Dust, Throttle |
| ❸6 | 640070 | 1 | Shutter-Throttle |
| ❸❹7 | 650506 | 1 | Screw-Shutter |
| ❸16 | 631807 | 1 | Fitting-Fuel |
| ❸17 | 651025 | 1 | Screw-Throttle Crack / Idle Speed |
| ❸18 | 630766 | 1 | Spring-Tension |
| ❸20 | 640016 | 1 | Screw-Restrictor, Idle |
| ❸20A | 640200 | 1 | Cap-Screw, Idle Restrictor |
| ❸25 | 631867 | 1 | Bowl-Float |
| ❸❹27 | 631024 | 1 | Shaft-Float |
| ❸28 | 632802 | 1 | Float |
| ❸❹29 | 631028 | 1 | O-Ring, Float Bowl |
| ❸❹30 | 631021A | 1 | Inlet Needle, Seat, And Clip ASM |
| ❸31 | 631022 | 1 | Clip-Spring |
| ❸35 | 640351 | 1 | Primer Bulb / Valve Repair Kit |
| ❸36 | 640080 | 1 | Tube-Nozzle, Main |
| ❸36A | 632766 | 1 | Tube-Carburetor |
| ❸❹37 | 632547 | 2 | O-Ring (Main Nozzle Tube) |
| ❸40 | 640030 | 1 | Nut-Bowl, High Speed |
| ❸❹44 | 27110A | 1 | Washer-Nut, Bowl |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸❹47 | 630748 | 1 | Plug-Welch, Idle Mixture Well |
| ❸❹48 | 631027 | 2 | Plug-Welch, Atmospheric Vent |
| ❸60 | 632760B | 1 | Repair Kit |




# Rewind Starter Assembly No. 590739
# Tecumseh LV195EA-362044C

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸0 | 590739 | 1 | Starter-Rewind |
| ❸3 | 590740 | 1 | Retainer |
| ❸6 | 590616 | 2 | Dog-Starter |
| ❸7 | 590617 | 2 | Spring-Dog |
| ❸8 | 590618A | 1 | Pulley And Rewind Spring ASM |
| ❸11 | 590638A | 1 | Starter Housing ASM |
| ❸12 | 590535 | 1 | Rope-Starter (98In X 9/64In Diameter) |
| ❸14 | 590760 | 1 | Clip-Spring |




# Recoil Starter Assembly No. 590702 (Optional)
# Tecumseh LV195EA-362044C

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸0 | 590702 | 1 | Starter-Recoil |
| ❸1 | 590599A | 1 | Spring Pin ASM |
| ❸2 | 590600 | 1 | Washer |
| ❸3 | 590696 | 1 | Retainer |
| ❸4 | 590601 | 1 | Washer |
| ❸5 | 590697 | 1 | Spring-Brake |
| ❸6 | 590698 | 2 | Dog-Starter |
| ❸7 | 590699 | 2 | Spring-Dog |
| ❸8 | 590700 | 1 | Pulley And Rewind Spring ASM |
| ❸11 | 590703A | 1 | Starter Housing ASM |
| ❸12 | 590535 | 1 | Rope-Starter (98In X 9/64In Diameter) |

# Attachments and Accessories

## For 10671 - Insight Lawn Mower

| Product Name | Model/Part |
|---|---|
| Replacement Bag | 89815 |
| Rear Bag Kit | 89913 |
| 21 In Blade | 89914 |
| Air Filter | 89945 |
| Spark Plug | 89946 |

# NOTES

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