Form Number 3357-732 Rev A

# Insight® Lawn Mower

**Model No. 10671 - 270000001 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.

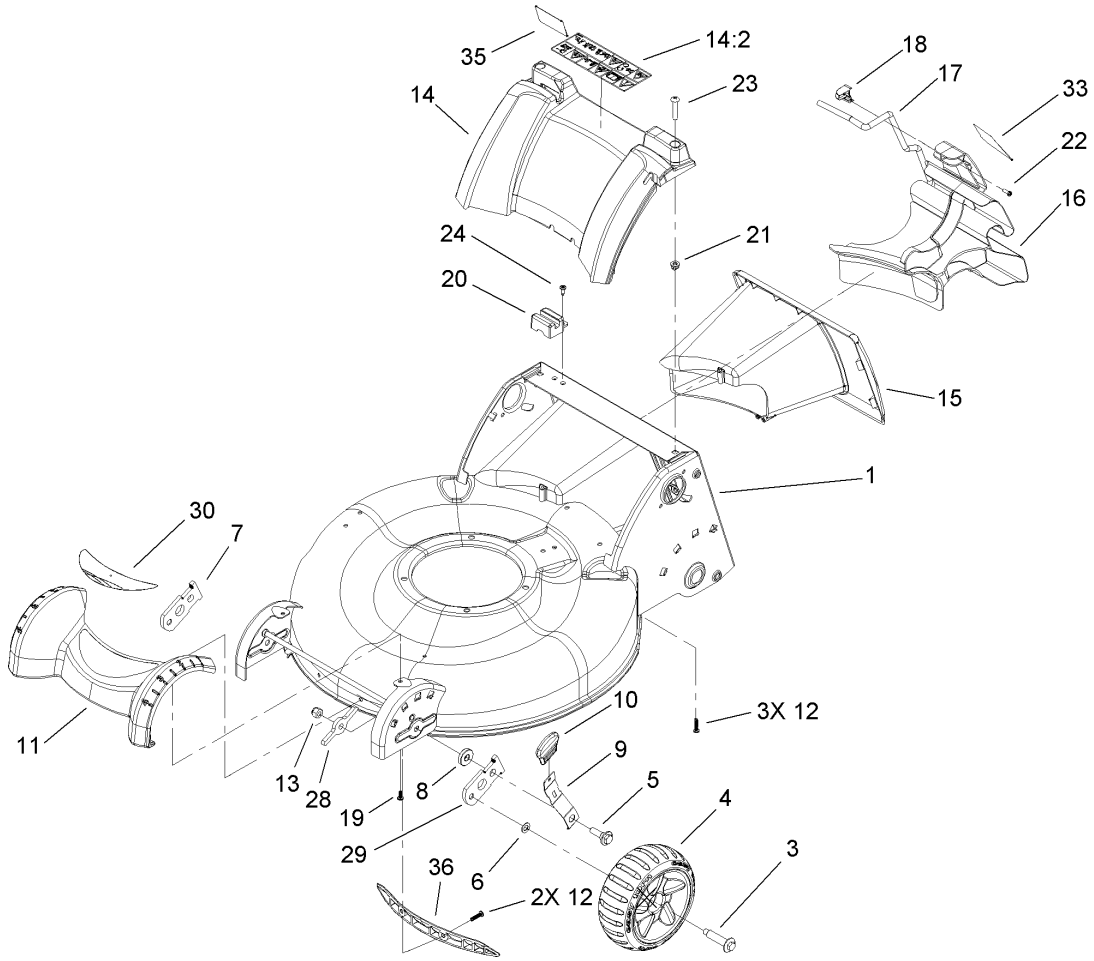
| | |
|---|---|
| AR | as required |
| ASM | assembly |
| BBC | blade brake clutch |
| CARR | carriage |
| DEG | degrees |
| EXT | external |
| FH | flat head |
| GA | gauge |
| HD | heavy-duty |
| HF | hex flange |
| HH | hex head |
| HHF | hex head flange |
| HHFTF | hex head flange thread forming |
| 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 |
| LH | left hand |
| NI | nylon insert |
| NPTF | national pipe thread fine |
| PFH | phillips flat head |
| 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 |
| SRH | slotted round head |
| STD | standard |
| TAP | self tapping |
| TTH | torx truss head |

# Footnotes

❶ Not illustrated

❷ Not serviced separately

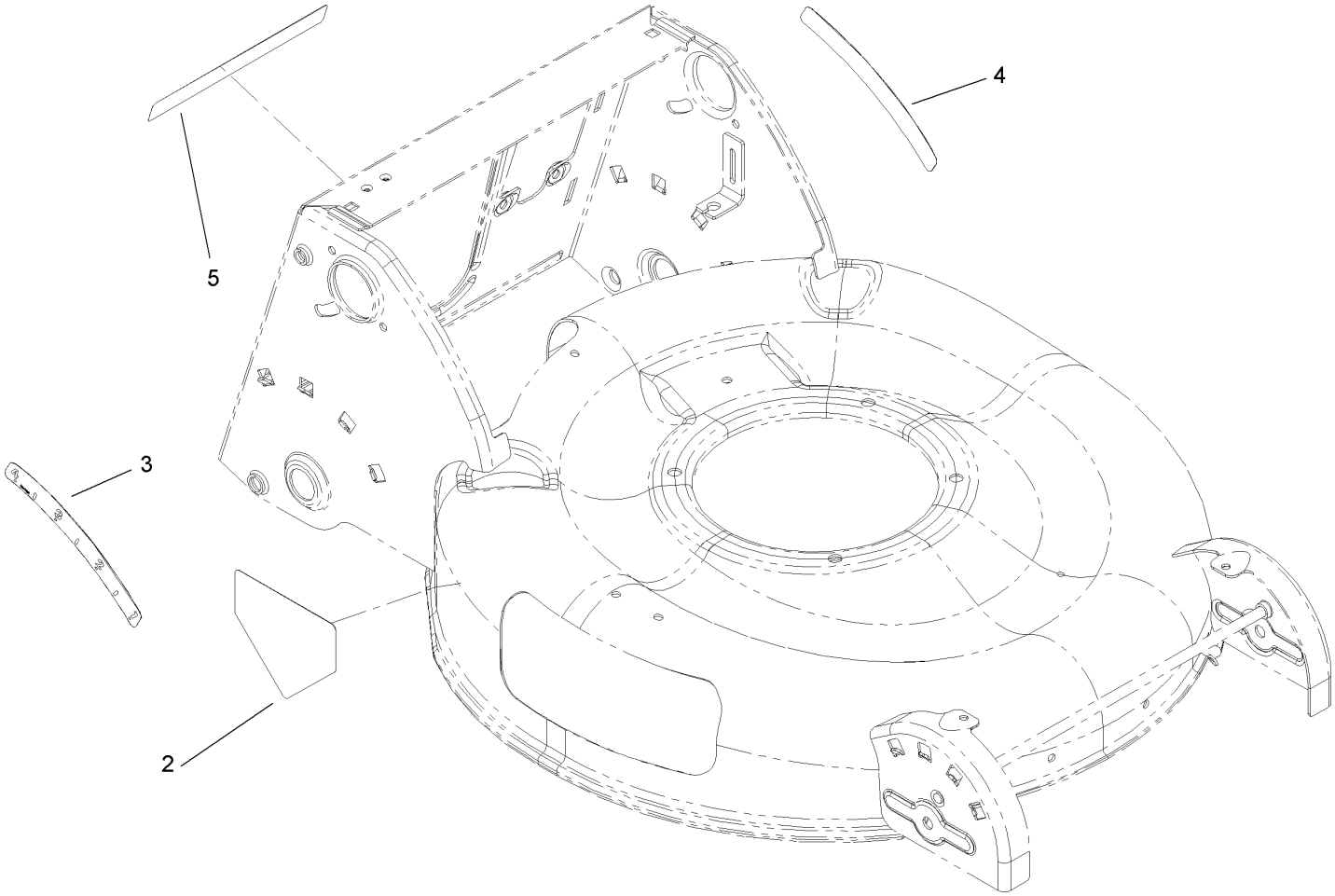
❸ Obtain from your local Tecumseh dealer




# Front End and Tunnel Assembly

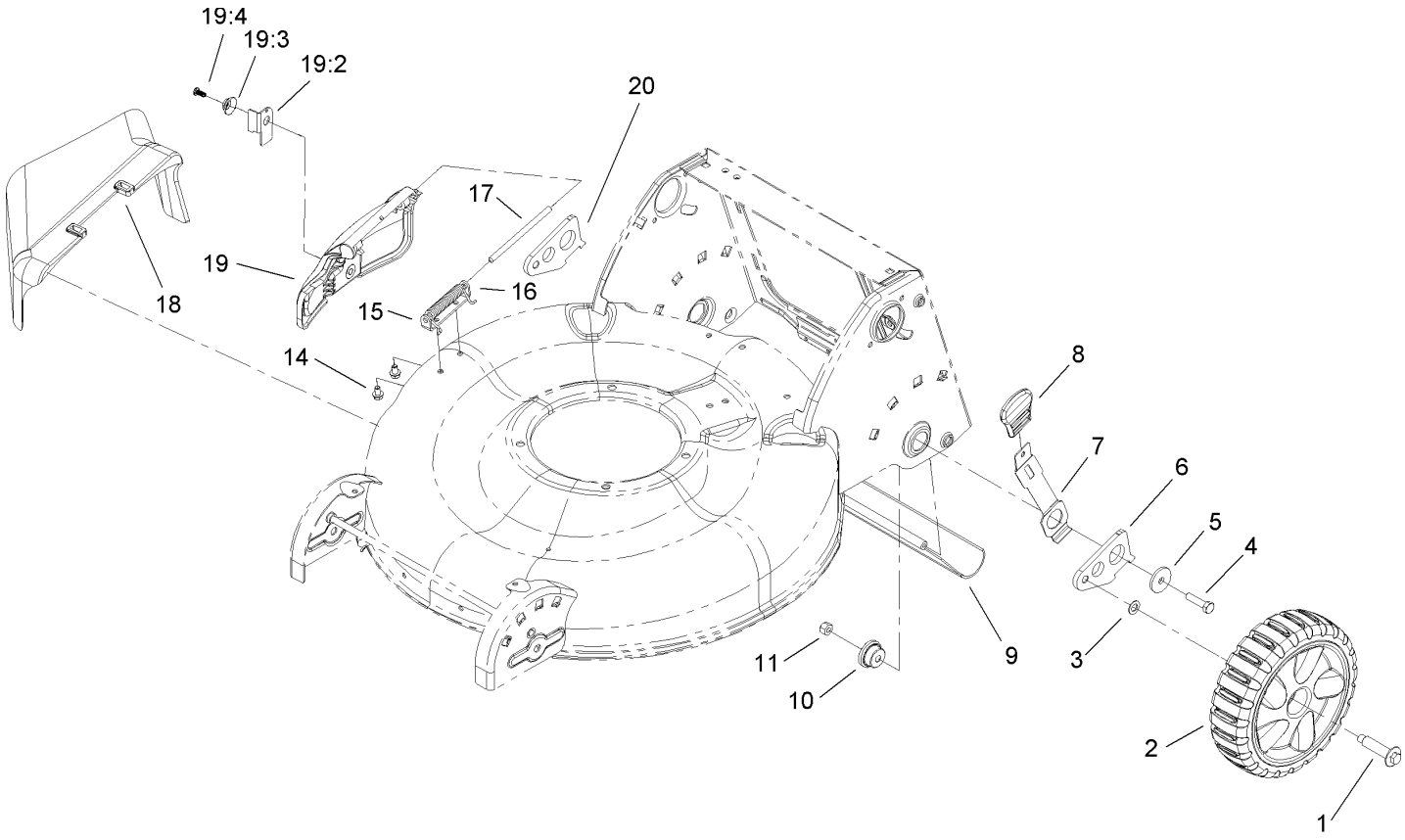
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 108-9345 | 1 | Housing ASM |
| 3 | 614650 | 2 | Bolt-Shoulder |
| 4 | 112-1548 | 2 | 7 Inch Front Wheel ASM |
| 5 | 614672 | 2 | Bolt-Shoulder |
| 6 | 40-1940 | 2 | Washer |
| 7 | 107-3877 | 1 | Arm-Pivot, RH |
| 8 | 92-4890 | 2 | Washer |
| 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 | 108-9395 | 1 | Cover-Rear |
| 14:2 | 112-8759 | 1 | Decal-Warning, Ce |
| 15 | 110-9455 | 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 |
|---|---|---|---|
| 28 | 108-1048 | 2 | Washer-Support, Front |
| 29 | 108-1044 | 1 | Arm-Pivot, LH |
| 30 | 108-7453 | 1 | Decal |
| 33 | 107-1940 | 1 | Decal-Mulch Plug, Ce |
| 35 | 107-1939 | 1 | Decal-Bag Attachment, Ce |
| 36 | 108-7502 | 1 | Insert-Housing |
| ❶39 | 107-1948 | 1 | Mulch Plug ASM |



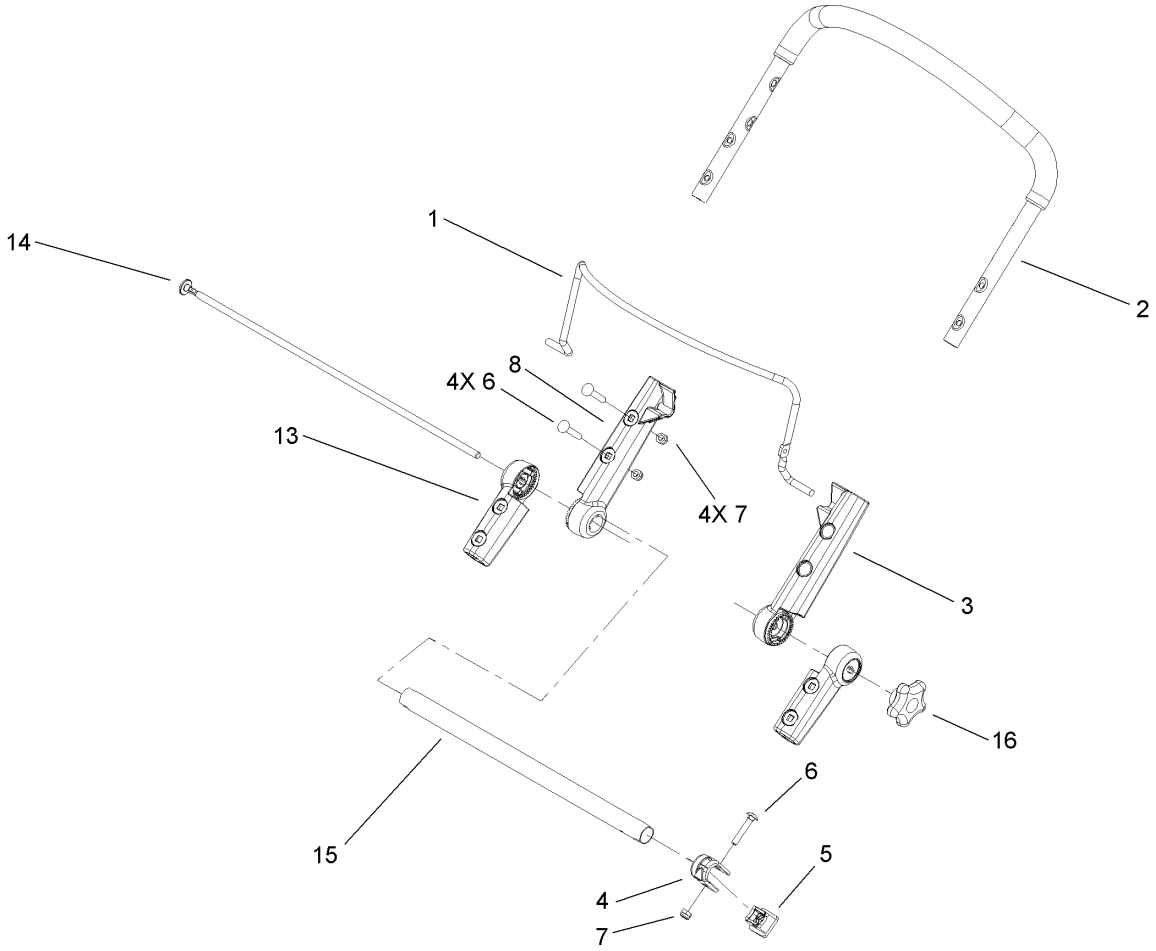

# Housing Assembly No. 108-9345

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 2 | 94-8072 | 1 | Decal-Danger |
| 3 | 108-7450 | 1 | Decal-HOC, RH |
| 4 | 108-7451 | 1 | Decal-HOC, LH |
| 5 | 107-3889 | 1 | Decal-Safety |



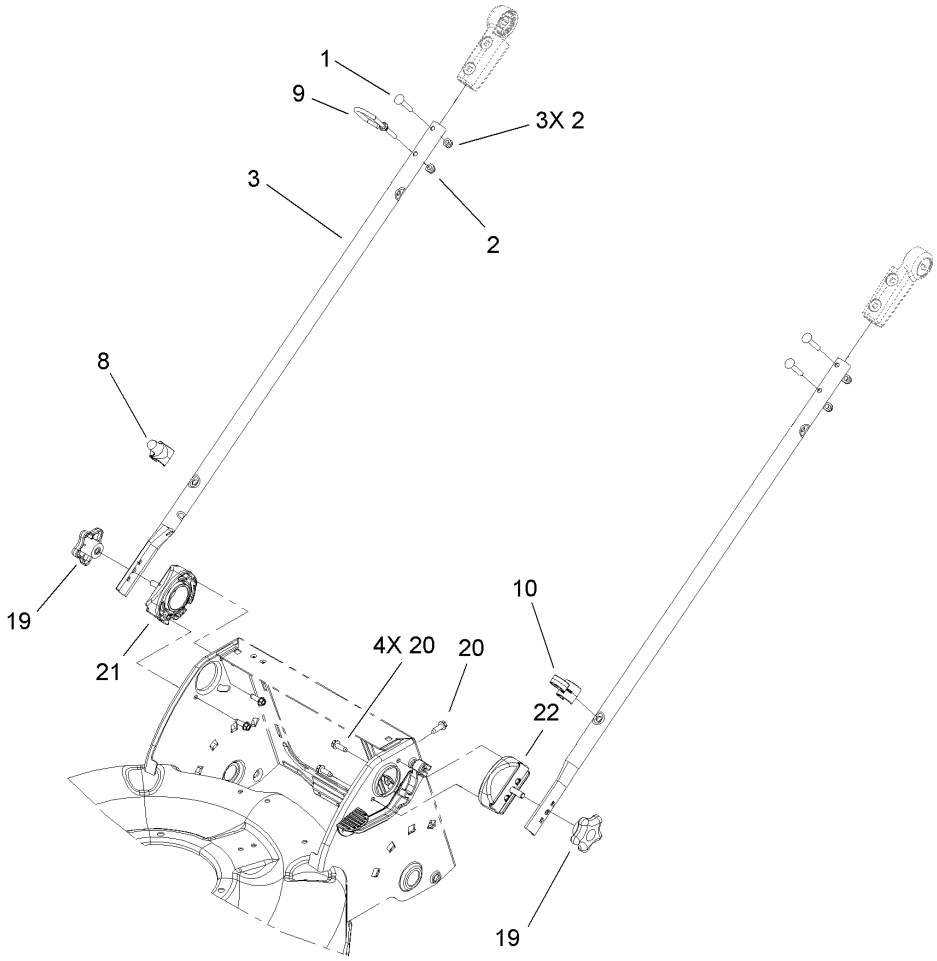

# Rear End Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 614650 | 2 | Bolt-Shoulder |
| 2 | 107-3898 | 2 | 8 Inch Wheel ASM |
| 3 | 40-1940 | 2 | Washer |
| 4 | 322-6 | 2 | Screw-HH |
| 5 | 105-3048 | 2 | Washer-Flat |
| 6 | 108-9344 | 1 | Arm-Rear Pivot, LH |
| 7 | 110-9445 | 2 | Arm-Spring, Rear |
| 8 | 107-1904 | 2 | Knob-Lever, HOC |
| 9 | 112-8768 | 1 | Shield-Trailing |
| 10 | 105-1818 | 2 | Bushing-Mount, HOC |
| 11 | 3296-29 | 2 | Nut-Lock, NI |
| 14 | 99-8445 | 2 | Screw-HWH |
| 15 | 99-5293 | 1 | Spring-Torsion |
| 16 | 112-6416 | 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 | 108-9343 | 1 | Arm-Rear Pivot, RH |



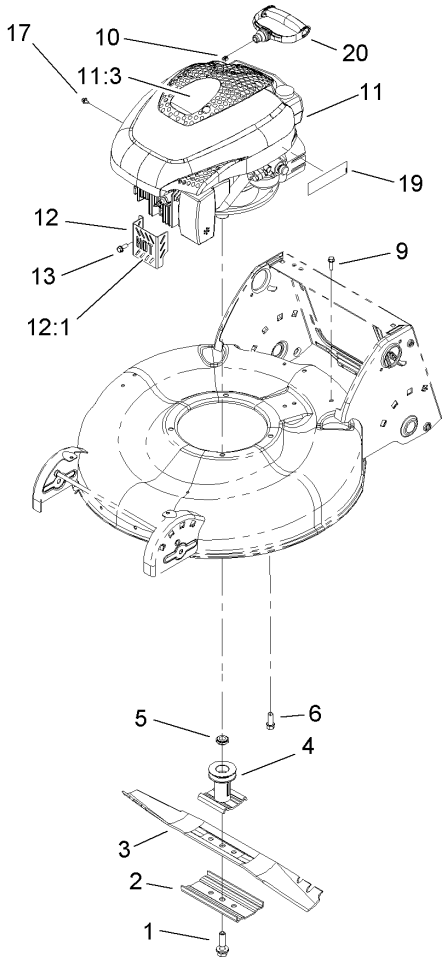

# Upper Handle Assembly

| 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 | 3 | Screw-CARR |
| 7 | 3296-73 | 3 | 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 |



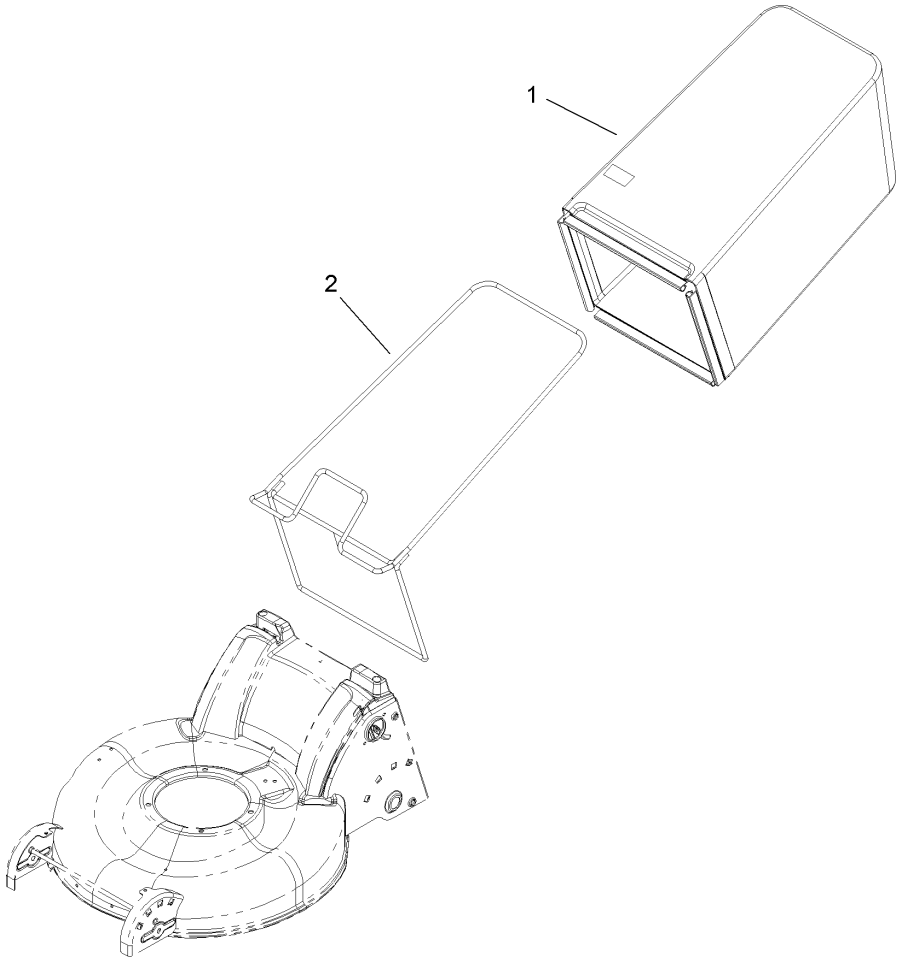

# Lower Handle Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 108-0988 | 3 | Screw-CARR |
| 2 | 3296-73 | 4 | 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 | 49-2040 | 5 | Screw-HWHTF |
| 21 | 108-1042 | 1 | RH Handle Mount ASM |
| 22 | 108-1043 | 1 | LH Handle Mount ASM |




# Blade and Engine Assembly

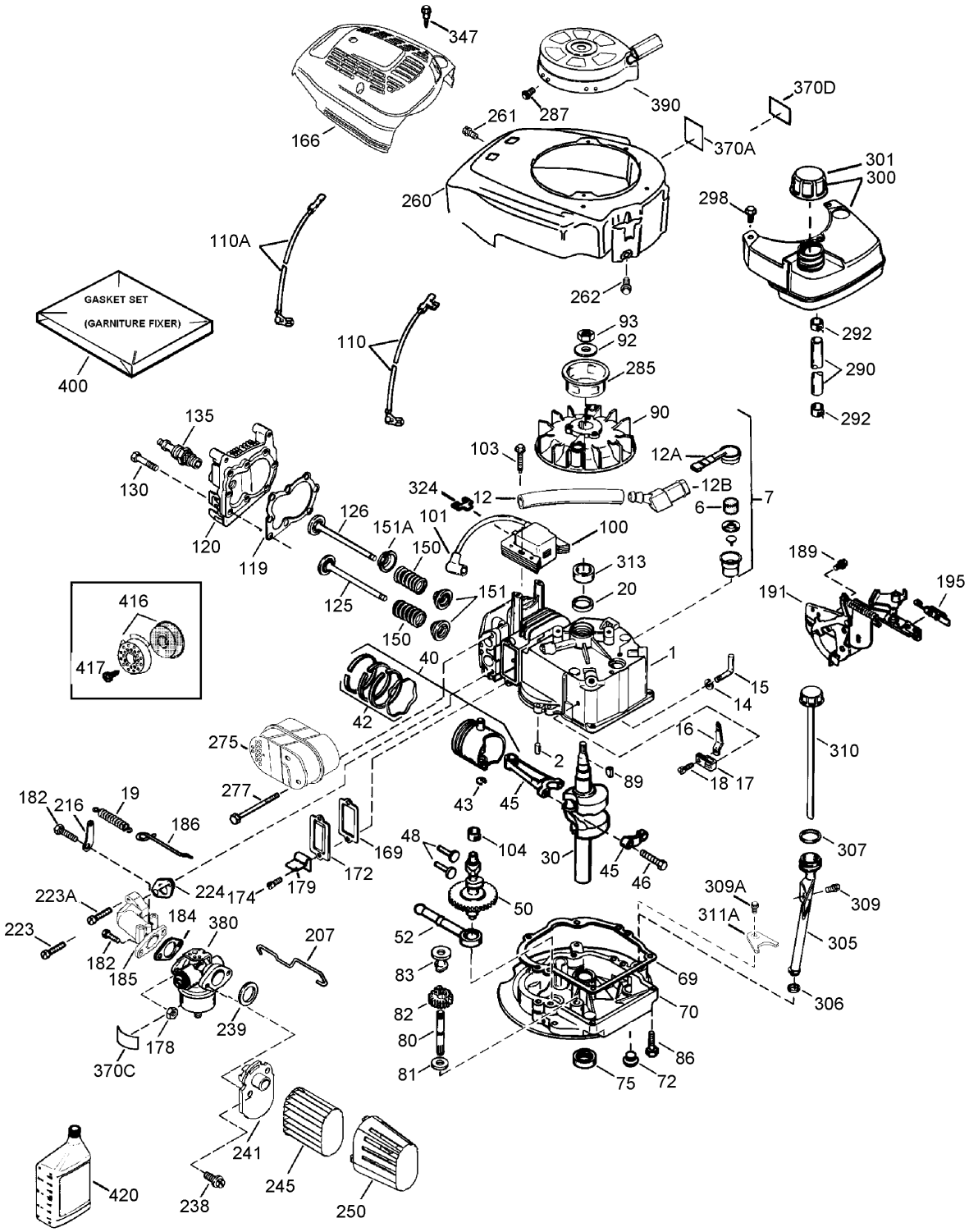
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 105-8579 | 1 | Bolt-Blade |
| 2 | 108-3766-03 | 1 | Support-Blade |
| 3 | 108-0954-03 | 1 | Blade-21 Inch |
| 4 | 106-3987 | 1 | Blade Driver ASM |
| 5 | 106-3999 | 1 | Spacer-Driver |
| 6 | 92-1624 | 3 | Screw |
| 9 | 46-8091 | 3 | Screw-HWH |
| 10 | 92-1701 | 1 | Stop-Rope |
| ❷❸11 | | 1 | Engine-Tecumseh, Lv195Ea-362044D |
| 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 |
| 17 | 98-1394 | 1 | Screw-HWH |
| 19 | 105-6832 | 1 | Decal-Primer |
| 20 | 110-1778 | 1 | Handle-Recoil |




# Rear Bag Assembly

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

# Engine Assembly No. 1
# Tecumseh LV195EA-362044D

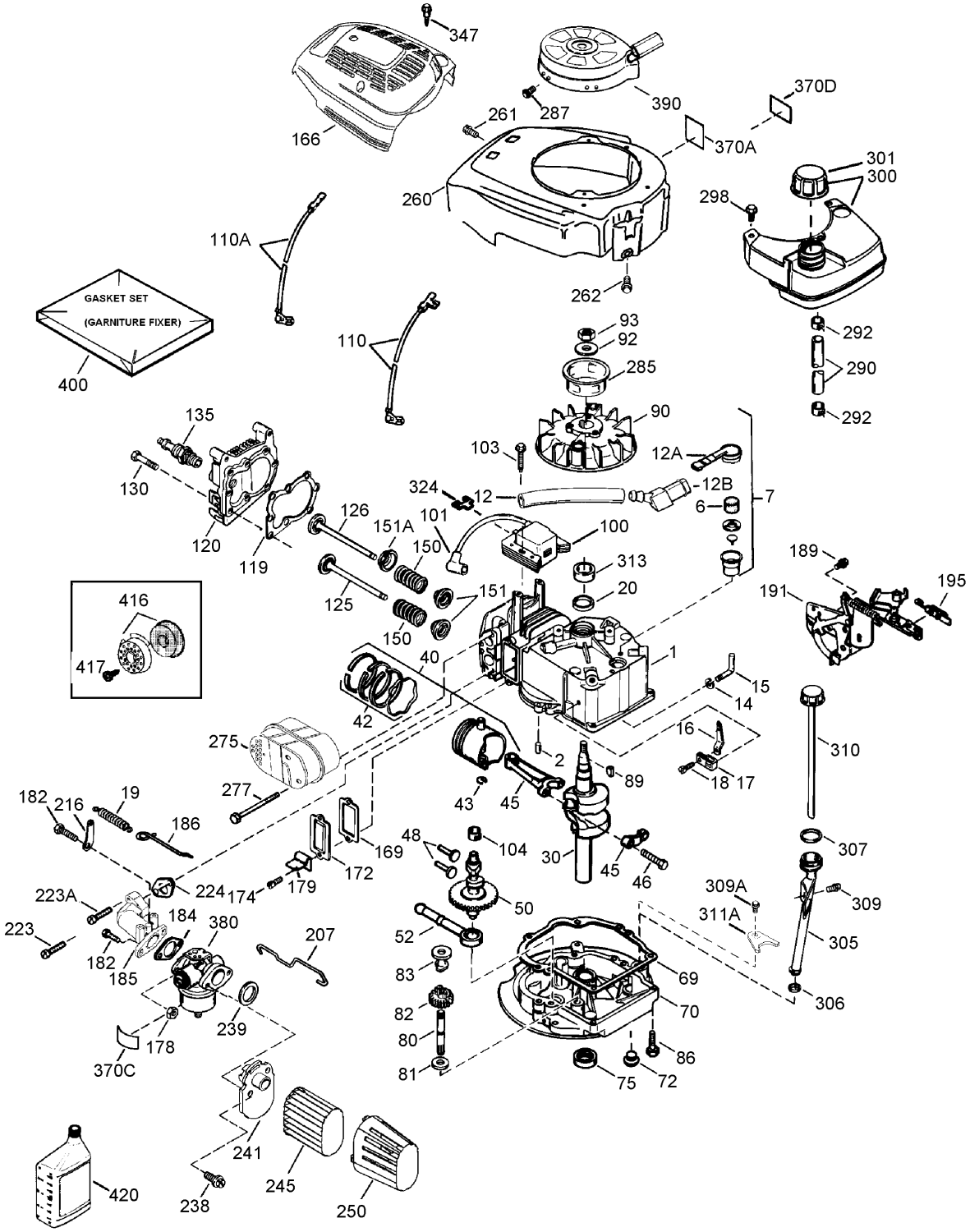


# Engine Assembly No. 1
# Tecumseh LV195EA-362044D

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸1 | 37465 | 1 | Cylinder (Includes 2, 20, 150) |
| ❸2 | 26727 | 2 | Pin-Dowel |
| ❸6 | 33734 | 1 | Element-Breather |
| ❸7 | 36557 | 1 | Breather ASM (Includes 6, 12A) |
| ❸12 | 37944 | 1 | Tube-Breather |
| ❸12A | 36558 | 1 | Breather Cover And Tube ASM (Includes 12B) |
| ❸12B | 36694 | 1 | Elbow-Tube, Breather |
| ❸14 | 28277 | 1 | Washer-Flat |
| ❸15 | 30589 | 1 | Rod-Governor (Includes 14) |
| ❸16 | 34839A | 1 | Lever-Governor |
| ❸17 | 31335 | 1 | Clamp-Lever, Governor |
| ❸18 | 651018 | 1 | Screw (T-15, 8-32 X 19/64) |
| ❸19 | 36281 | 1 | Spring-Extension |
| ❸20 | 32600 | 1 | Seal-Oil |
| ❸30 | 37692 | 1 | Crankshaft |
| ❸40 | 40027 | 1 | Piston, Pin And Ring Set (STD.) |
| ❸42 | 40006 | 1 | Ring Set (STD) |
| ❸43 | 20381 | 2 | Ring-Retaining, Piston Pin |
| ❸45 | 36777 | 1 | Connecting Rod ASM (Includes 46) |
| ❸46 | 32610A | 2 | Bolt-Rod, Connecting |
| ❸48 | 27241 | 2 | Lifter-Valve |
| ❸50 | 37460 | 1 | Camshaft (Includes 104) |
| ❸52 | 29914 | 1 | Oil Pump ASM |
| ❸69 | 37609 | 1 | Gasket-Flange, Mounting |
| ❸70 | 37608A | 1 | Flange-Mounting (Includes 72-83, 306, 309A, 311A) |
| 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 (Includes 81) |
| ❸83 | 30588A | 1 | Spool-Governor |
| ❸86 | 650488 | 6 | Screw (1/4-20 X 1-1/4) |
| 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 (T-15, 10-24 X 15/16) |
| ❸104 | 37480 | 1 | Bushing-Cam |
| ❸110 | 37047 | 1 | Wire-Ground (10.50 With Male And Female Flag Terminals) |
| ❸110A | 611227 | 1 | Wire-Ground |
| ❸119 | 37796 | 1 | Gasket-Head, Cylinder |
| ❸120 | 3771 | 1 | Head-Cylinder |
| ❸125 | 36780 | 1 | Valve-Exhaust (1/32In Os) (Includes 151) |
| ❸125 | 37288 | 1 | Valve-Exhaust (STD) (Includes 151) |
| ❸126 | 37289 | 1 | Valve-Intake (STD) (Includes 151, 151A) |

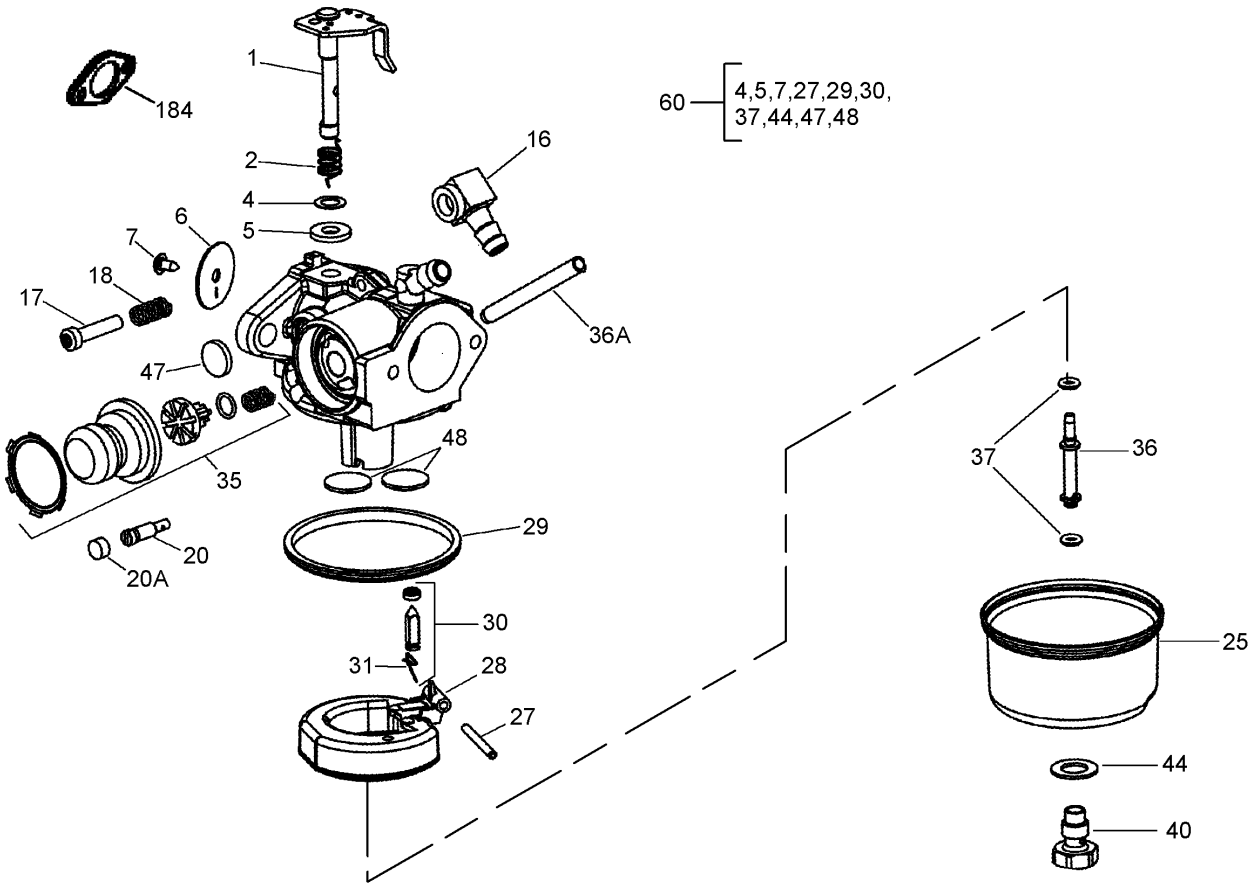
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸130 | 6021A | 8 | Screw (5/16-18X1-1/2) |
| ❸135 | 35395 | 1 | Spark Plug-Resistor (R J19 L M) |
| ❸150 | 31672 | 2 | Spring-Valve |
| ❸151 | 31673 | 2 | Cap-Valve, Spring |
| ❸151A | 40017 | 1 | Seal-Valve, Intake |
| ❸166 | 37813A | 1 | Shroud-Engine (Green) |
| ❸169 | 36783 | 1 | Gasket-Cover, Valve |
| ❸172 | 36784 | 1 | Cover-Valve |
| ❸174 | 30200 | 2 | Screw (10-24 X 9/16) |
| ❸178 | 29752 | 2 | Nut And Lock Washer (1/4-28) |
| ❸179 | 30593 | 1 | Retainer Clip |
| ❸182 | 6201 | 2 | Screw (1/4-28 X 7/8) |
| 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 3/8) |
| ❸191 | 36559A | 1 | Bracket-Brake (Includes 195) |
| 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 1) |
| ❸223A | 651074 | 1 | Stud-Pipe, Intake |
| ❸224 | 36786 | 1 | Gasket-Pipe, Intake |
| ❸238 | 650932 | 2 | Screw (10-32 X 49/64) |
| ❸239 | 34338 | 1 | Gasket-Air Cleaner |
| ❸241 | 36919 | 1 | Collar-Air Cleaner |
| ❸245 | 36905 | 1 | Filter-Air Cleaner |
| ❸250 | 37122 | 1 | Cover-Air Cleaner |
| ❸260 | 37696A | 1 | Housing-Blower |
| ❸261 | 30200 | 2 | Screw (10-24 X 9/16) |
| ❸262 | 650831 | 2 | Screw (1/4-20 X 1/2) |
| ❸275 | 37498 | 1 | Muffler |
| ❸277 | 650988 | 2 | Screw (1/4-20 X 2-9/32) |
| ❸285 | 35000A | 1 | Cup-Starter |
| ❸287 | 650926 | 2 | Screw (8-32 X 21/64) |
| ❸290 | 37962 | 1 | Line-Fuel, Low Permeation (8.62) |
| ❸292 | 26460 | 2 | Clamp-Line, Fuel |
| ❸298 | 28763 | 2 | Screw (10-32 X 35/64) |
| ❸300 | 37947 | 1 | Fuel Tank ASM |
| ❸301 | 37844 | 1 | Cap-Fuel (Black) (1-1/2 I D) |
| ❸305 | 35647A | 1 | Tube-Fill, Oil |
| ❸306 | 37610 | 1 | O-Ring |
| ❸307 | 35499 | 1 | O-Ring |
| ❸309 | 650562 | 1 | Screw (10-32 X 1/2) |
| ❸309A | 650783 | 1 | Screw (10-24 X 3/4) |
| ❸310 | 35648 | 1 | Dipstick |
| ❸311A | 37611 | 1 | Bracket-Holddown |
| ❸313 | 34080 | 1 | Spacer |
| ❸324 | 33177 | 1 | Terminal |
| ❸347 | 650898A | 4 | Screw (10-32 X 27/32) |
| ❸370A | 36261 | 2 | Decal-Lubrication |

# Engine Assembly No. 2
# Tecumseh LV195EA-362044D



# Engine Assembly No. 2
# Tecumseh LV195EA-362044D

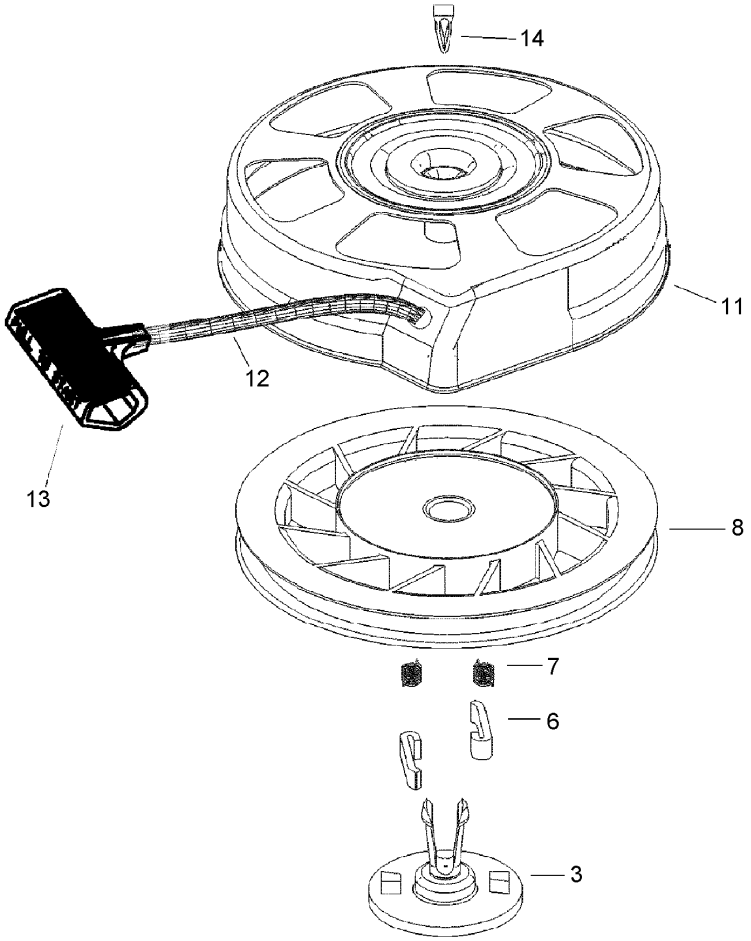
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸370C | 37695 | 1 | Decal-Primer |
| ❸370D | 35977 | 1 | Decal-Warning |
| ❸380 | 640350 | 1 | Carburetor ASM (Includes 184) |
| ❸390 | 590739 | 1 | Starter-Rewind (Note: This Engine Could Have Been Built With Starter 590702) |
| ❸400 | 37613A | 1 | Gasket Set (Includes 69, 119, 169, 184, 224, 239, 306) |
| ❸416 | 37530 | 1 | Spark Arrestor Kit |
| ❸420 | 730225A | 1 | Oil-Engine, Sae 30 (4-Cycle) |




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

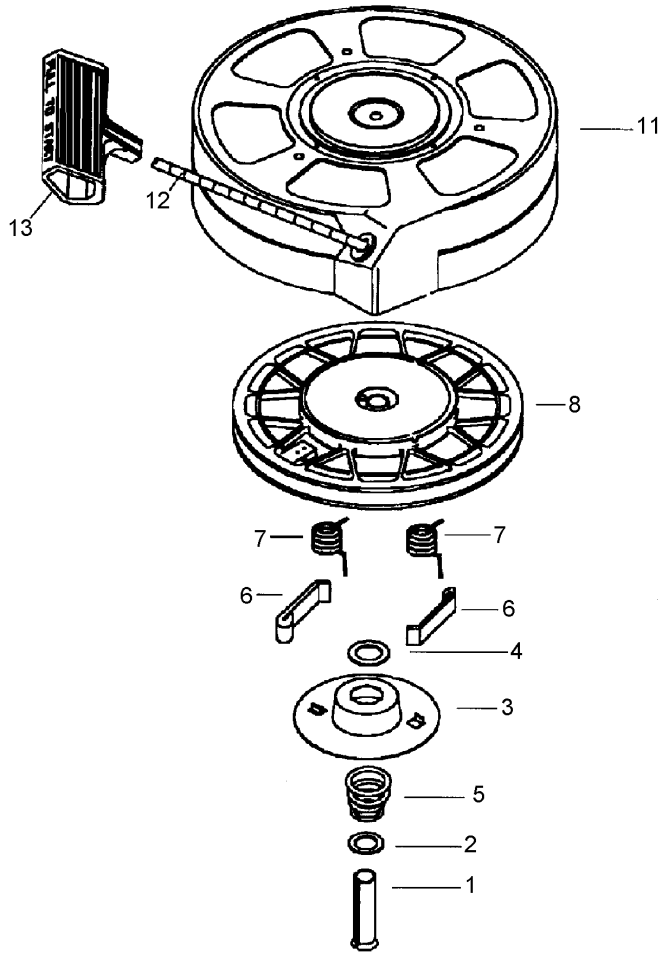
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸1 | 631615 | 1 | Throttle Shaft And Lever ASM |
| ❸2 | 631767 | 1 | Spring-Return, Throttle |
| ❸4 | 631184 | 1 | Washer-Seal, Dust |
| ❸5 | 631183 | 1 | Seal-Dust, Throttle |
| ❸6 | 640070 | 1 | Shutter-Throttle |
| ❸7 | 650506 | 1 | Screw-Shutter |
| 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, Restrictor Idle |
| ❸25 | 631867 | 1 | Bowl-Float (No Drain) |
| ❸27 | 631024 | 1 | Shaft-Float |
| ❸28 | 632802 | 1 | Float (Plastic) |
| ❸29 | 631028 | 1 | O-Ring-Bowl, Float |
| ❸30 | 631021A | 1 | Inlet Needle, Seat, And Clip ASM (Includes 31) |
| ❸31 | 631022 | 1 | Clip-Spring |
| ❸35 | 640351 | 1 | Primer Bulb/Valve Repair Kit |
| ❸36 | 640080 | 1 | Tube-Nozzle, Main |
| ❸36A | 632766 | 1 | Tube-Carburetor |
| ❸37 | 632547 | 2 | O-Ring-Nozzle Tube, Main |
| ❸40 | 640030 | 1 | Nut-Bowl, High Speed |
| ❸44 | 27110A | 1 | Washer-Nut, Bowl |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸47 | 630748 | 1 | Plug-Welch, Idle Mixture Well |
| ❸48 | 631027 | 2 | Plug-Welch, Atmospheric Vent |
| ❸60 | 632760B | 1 | Repair Kit (Includes 4, 5, 7, 27, 29, 30, 37, 44, 47, 48) |
| ❸184 | 26756 | 1 | Gasket-Carburetor To Intake Pipe |




# Recoil Starter Assembly No. 590739
# Tecumseh LV195EA-362044D

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 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 (40 Degree Grommet) |
| ❸12 | 590535 | 1 | 98 Starter Rope (Cut To Length) |
| ❸13 | 590701 | 1 | Handle-Starter |
| ❸14 | 590760 | 1 | Clip-Spring |




# Recoil Starter Assembly No. 590702 (optional)
# Tecumseh LV195EA-362044D

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸1 | 590599A | 1 | Spring Pin ASM (Includes 4) |
| 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 (40 Degree Grommet) |
| ❸12 | 590535 | 1 | 98 Starter Rope (Cut To Length) |
| ❸13 | 590701 | 1 | Handle-Starter |

# Attachments and Accessories

## For 10671 - Insight Lawn Mower

| Product Name | Model/Part |
|---|---|
| Lawn Boy Paint | 110-8800 |
| Height-of-Cut Kit | 110-8801 |
| Loose Parts Kit | 112-8770 |
| Replacement Bag | 89815 |
| Rear Bag Kit | 89913 |
| 21 Inch Blade | 89914 |
| Air Filter | 89945 |
| Spark Plug | 89946 |
| Cup Holder | 89951 |

# NOTES

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