



Insight[®] Lawn Mower

Model No. 10684C - 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.

Contents

Description	Page	Description	Page
Front End and Tunnel Assembly	 3	Engine Assembly No. 1 Tecumseh LV195EA-362044D	 12
Housing Assembly No. 108-9346	 4	Engine Assembly No. 2 Tecumseh LV195EA-362044D	 14
Rear End Assembly	 5	Carburetor Assembly No. 640350 Tecumseh LV195EA-362044D	 16
Rear Axle and Transmission Assembly	 6	Recoil Starter Assembly No. 590739 Tecumseh LV195EA-362044D	 17
Transmission Assembly No. 107-3860	 7	Recoil Starter Assembly No. 590702 (optional) Tecumseh LV195EA-362044D	 18
Upper Handle Assembly	 8	Attachments and Accessories List	 19
Lower Handle Assembly	 9		
Blade and Engine Assembly	 10		
Rear Bag Assembly	 11		

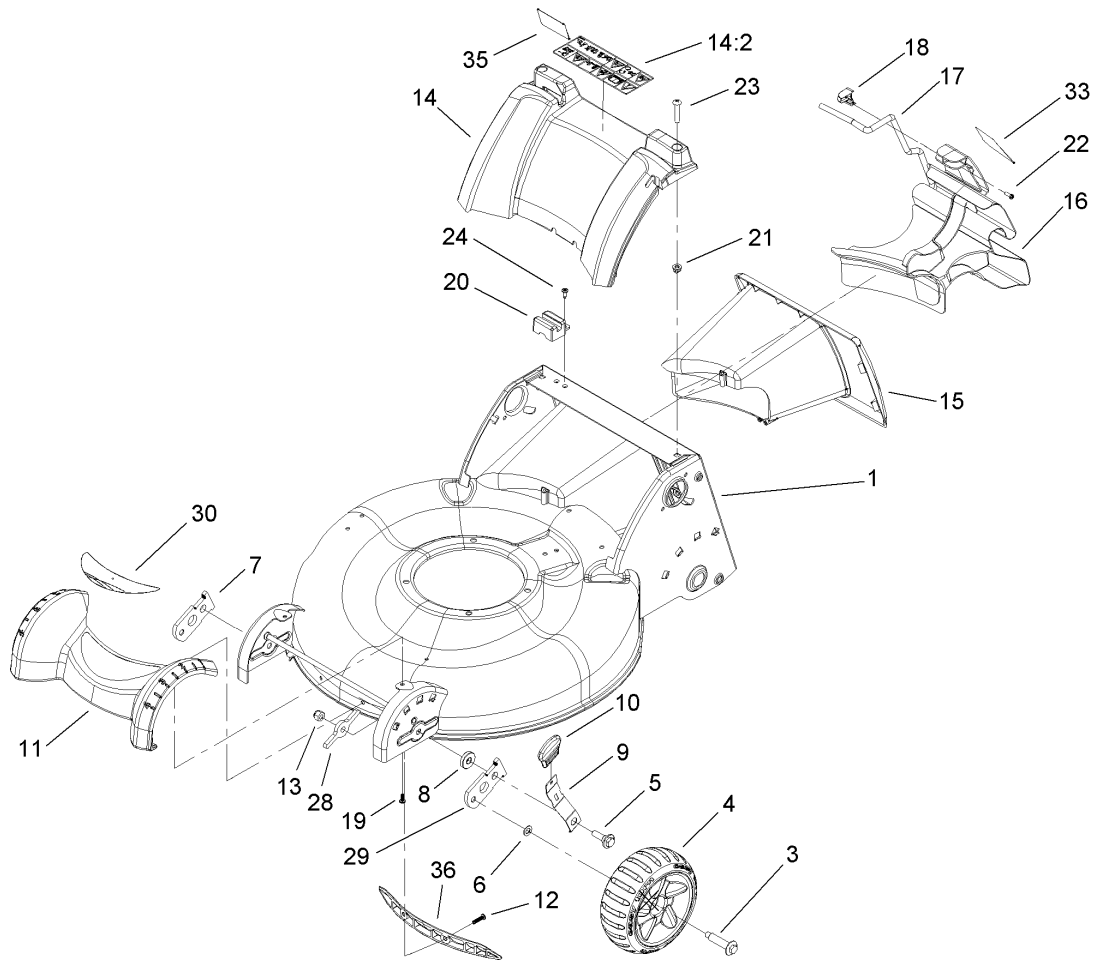
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. as required	HYD. hydraulic
ASM. assembly	LH. left hand
BBC. blade brake clutch	NI. nylon insert
CARR. carriage	NPTF. national pipe thread fine
DEG. degrees	PFH. phillips flat head
EXT. external	PPH. phillips pan head
FH. flat head	PPHTF. phillips pan head thread forming
GA. gauge	PRH. phillips round head
HD. heavy-duty	PTH. phillips truss head
HF. hex flange	PTO. power-take-off
HH. hex head	RH. right hand
HHF. hex head flange	ROPS. roll-over protection system
HHFTF. hex head flange thread forming	SFH. slotted fillister head
HJ. hex jam	SHH. slotted hex head
HLH. hex lag head	SHWH. slotted hex washer head
HOC. height-of-cut	SPH. slotted pan head
HSBH. hex socket button head	SQH. square head
HSFH. hex socket flat head	SRH. slotted round head
HSH. hex socket head	STD. standard
HWH. hex washer head	TAP. self tapping
HWHTF. hex washer head thread forming	TTH. torx truss head

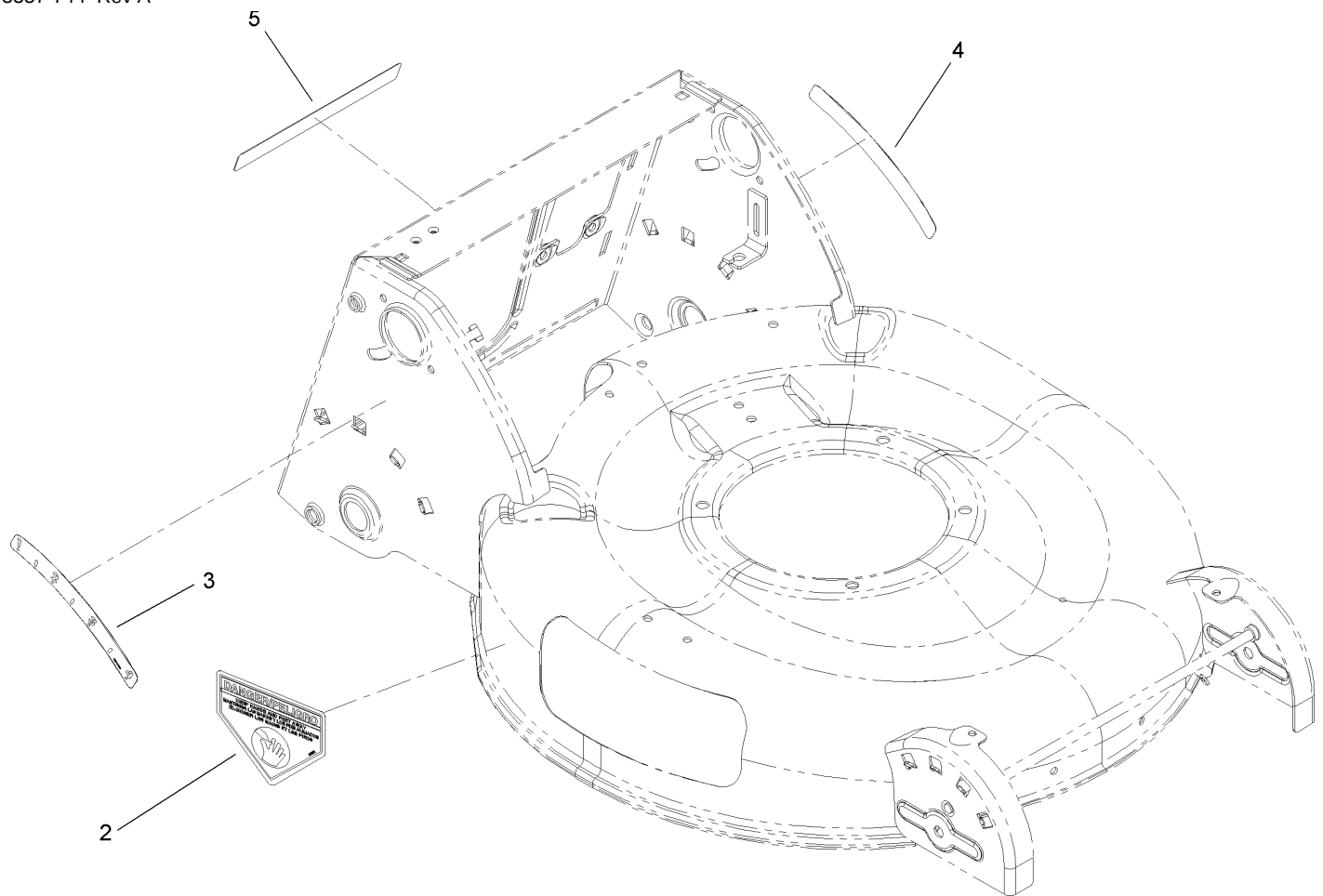
Footnotes

- ❶ Not illustrated
- ❷ Not serviced separately
- ❸ Obtain from your local Tecumseh dealer



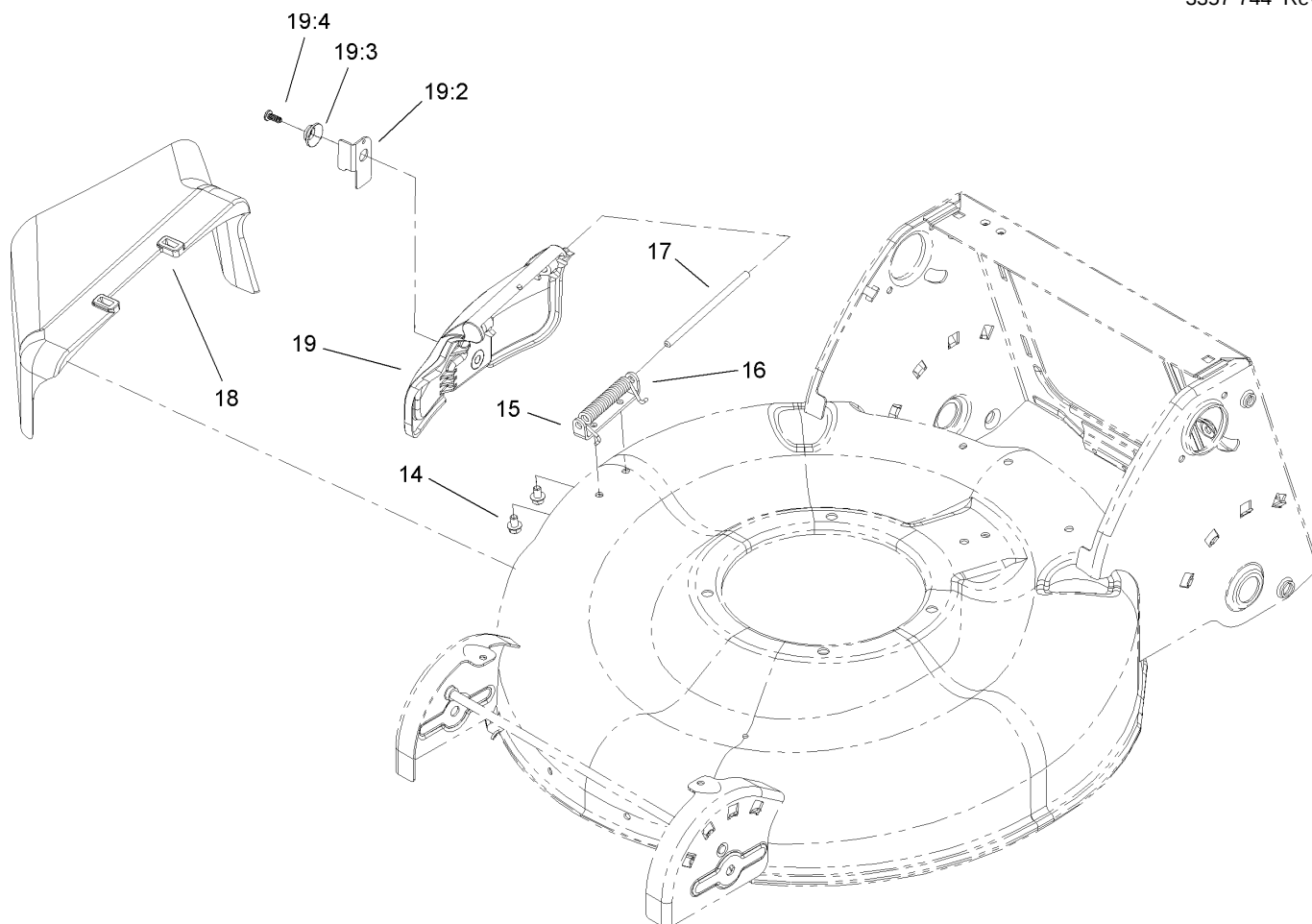
Front End and Tunnel Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	108-9346	1	Housing ASM	28	108-1048	2	Washer-Support, Front
3	614650	2	Bolt-Shoulder	29	108-1044	1	Arm-Pivot, LH
4	112-1548	2	7 Inch Front Wheel ASM	30	108-7453	1	Decal
5	614672	2	Bolt-Shoulder	33	107-1940	1	Decal-Mulch Plug, Ce
6	40-1940	2	Washer	35	107-1939	1	Decal-Bag Attachment, Ce
7	107-3877	1	Arm-Pivot, RH	36	108-7502	1	Insert-Housing
8	92-4890	2	Washer	39	107-1948	1	Mulch Plug ASM
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				



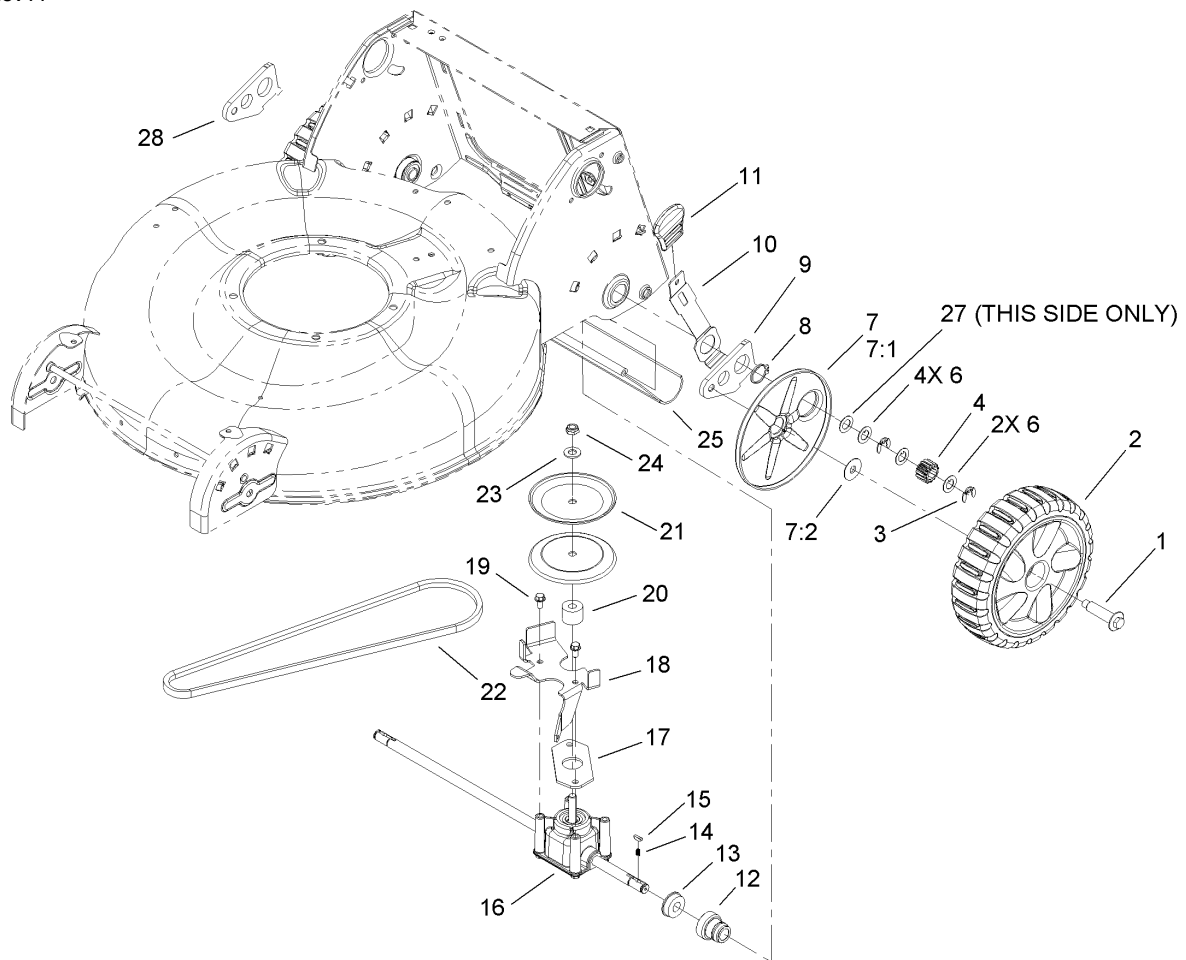
Housing Assembly No. 108-9346

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				



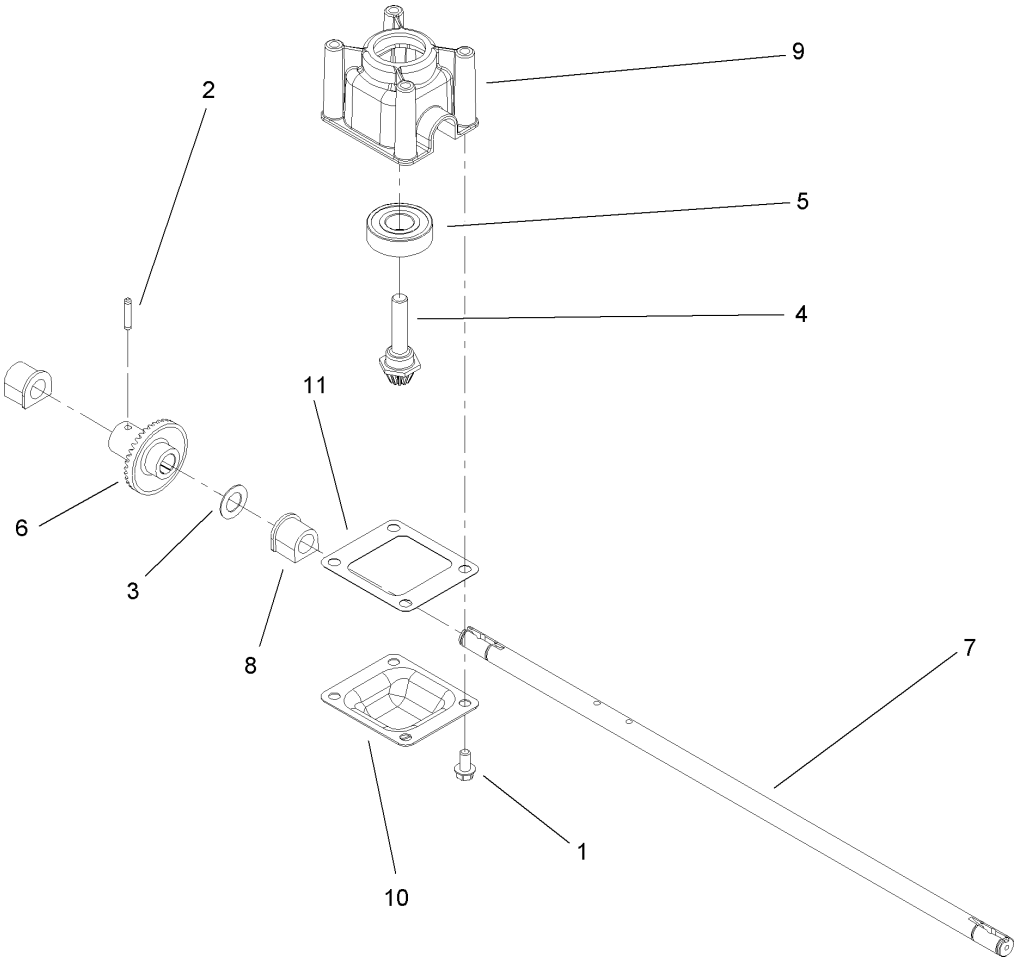
Rear End Assembly

Ref	Part No.	Qty.	Description				
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				



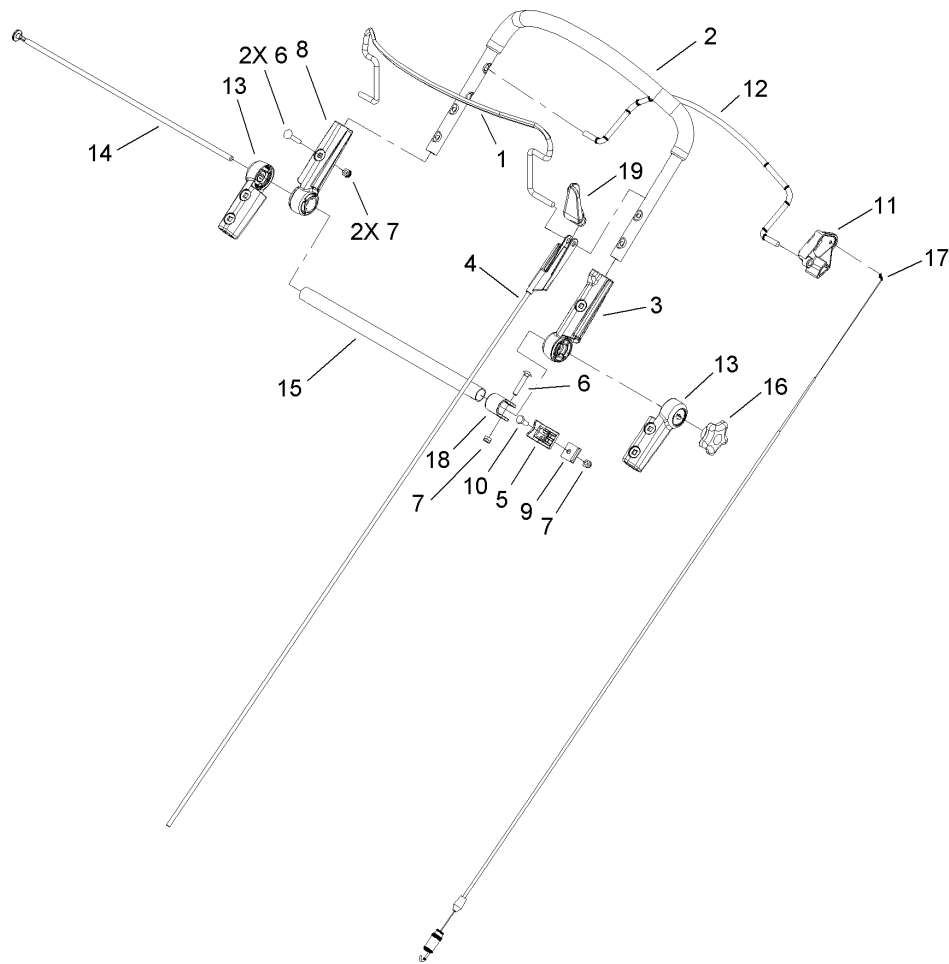
Rear Axle and Transmission Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	614650	2	Bolt-Shoulder	24	3296-5	1	Nut-Lock
2	107-3906	2	Rear Wheel ASM	25	112-8768	1	Shield-Trailing
3	65-2720	4	Klipring-Locking	27	36-4780	1	Washer
4	105-3040	2	Gear-Pinion, 15T	28	108-9343	1	Arm-Rear Pivot, RH
6	105-6840	6	Washer-Thrust				
27	110-1793	2	Wheel Cover ASM				
27:1		1	Cover-Wheel				
7:2	614426	1	Washer-Stepped				
8	32151-36	2	Ring-Retaining				
9	108-9344	1	Arm-Rear Pivot, LH				
10	110-9445	2	Arm-Spring, Rear				
11	107-1904	2	Knob-Lever, HOC				
12	104-8698	2	Retainer-Bearing, HOC				
13	104-8699	2	Bearing-Ball				
14	39-9650	2	Spring-Compression				
15	612066	2	Key				
16	107-3860	1	Transmission ASM				
17	108-9756	1	Gasket-Gearbox				
18	112-8762-03	1	Bracket-Transmission				
19	32144-4	2	Screw-HWH				
20	92-5791	1	Spacer				
21	107-3862	2	Pulley-Half				
22	107-3922	1	V-Belt				
23	3256-24	1	Washer-Flat				



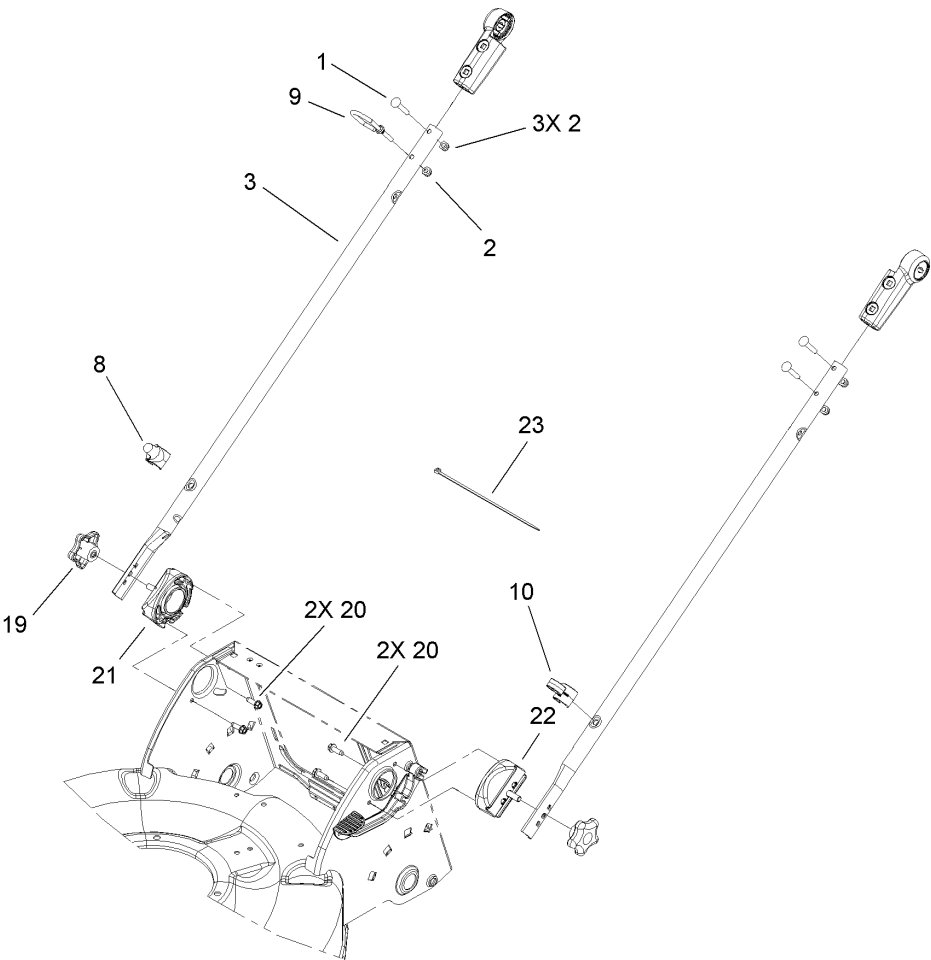
Transmission Assembly No. 107-3860

Ref	Part No.	Qty.	Description				
1	32144-4	4	Screw-HWH				
2	3285-19	1	Pin-Groove				
3	36-4780	1	Washer				
4	92-5790	1	Pinion				
5	100-1048	1	Bearing-Ball				
6	104-8671	1	Gear-Bevel, 37T				
7	107-3861	1	Shaft-Output				
8	104-8673	2	Bushing-Shaft, Output				
9	104-8674	1	Gearcase-Upper				
10	104-8675-03	1	Cover-Gearcase				
11	105-6839	1	Gasket-Gearcase				



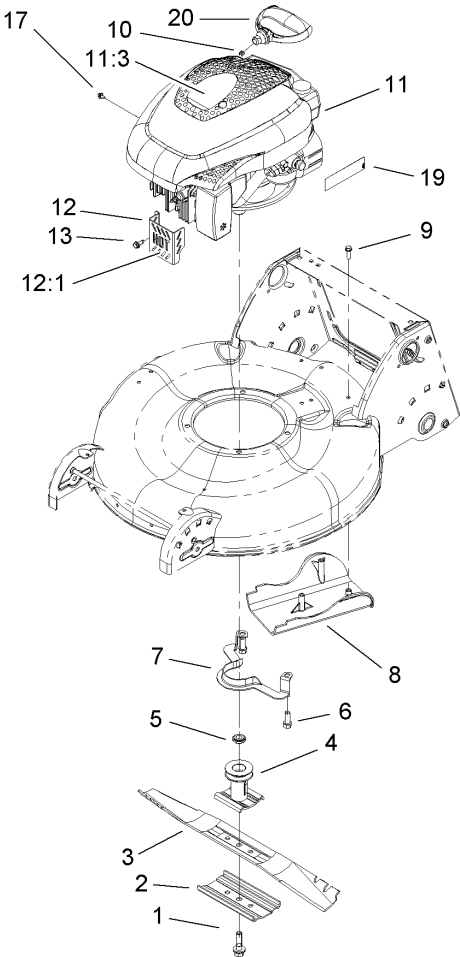
Upper Handle Assembly

Ref	Part No.	Qty.	Description				
1	112-1538-03	1	Bail-Brake				
2	110-1752	1	Handle ASM				
3	110-1769	1	Mount-Handle, LH				
4	108-0963	1	Cable-Brake				
5	108-1046	1	Support-Guide, Cable				
6	108-0988	3	Screw-CARR				
7	3296-73	4	Nut-Lock, NI				
8	110-1770	1	Mount-Handle, RH				
9	108-7454	1	Clamp-Cable				
10	321-4	1	Screw-HH				
11	108-1028	1	Stop-Bail				
12	108-1027-03	1	Bail-Traction				
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				
17	107-3917	1	Cable-Traction				
18	108-1045	1	Support-Cable				
19	112-8764	1	Stop-Pivot				



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	4	Screw-HWHTF				
21	108-1042	1	RH Handle Mount ASM				
22	108-1043	1	LH Handle Mount ASM				
23	614249	1	Strap-Tie				

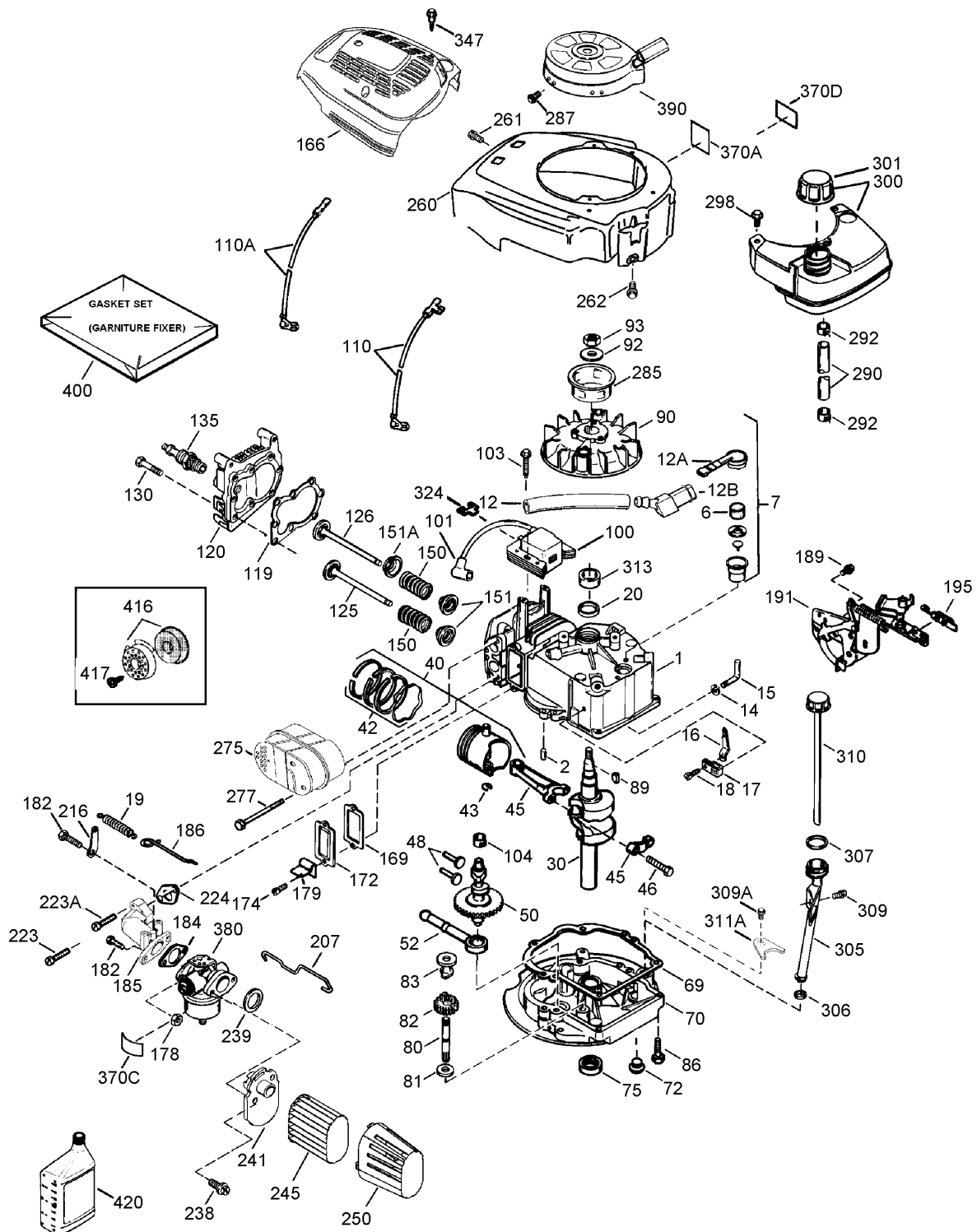


Blade and Engine Assembly

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				
7	105-3030-03	1	Guide-Belt				
8	110-1832	1	Cover-Belt				
9	46-8091	3	Screw-HWH				
10	92-1701	1	Stop-Rope				
11		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				

Engine Assembly No. 1

Tecumseh LV195EA-362044D



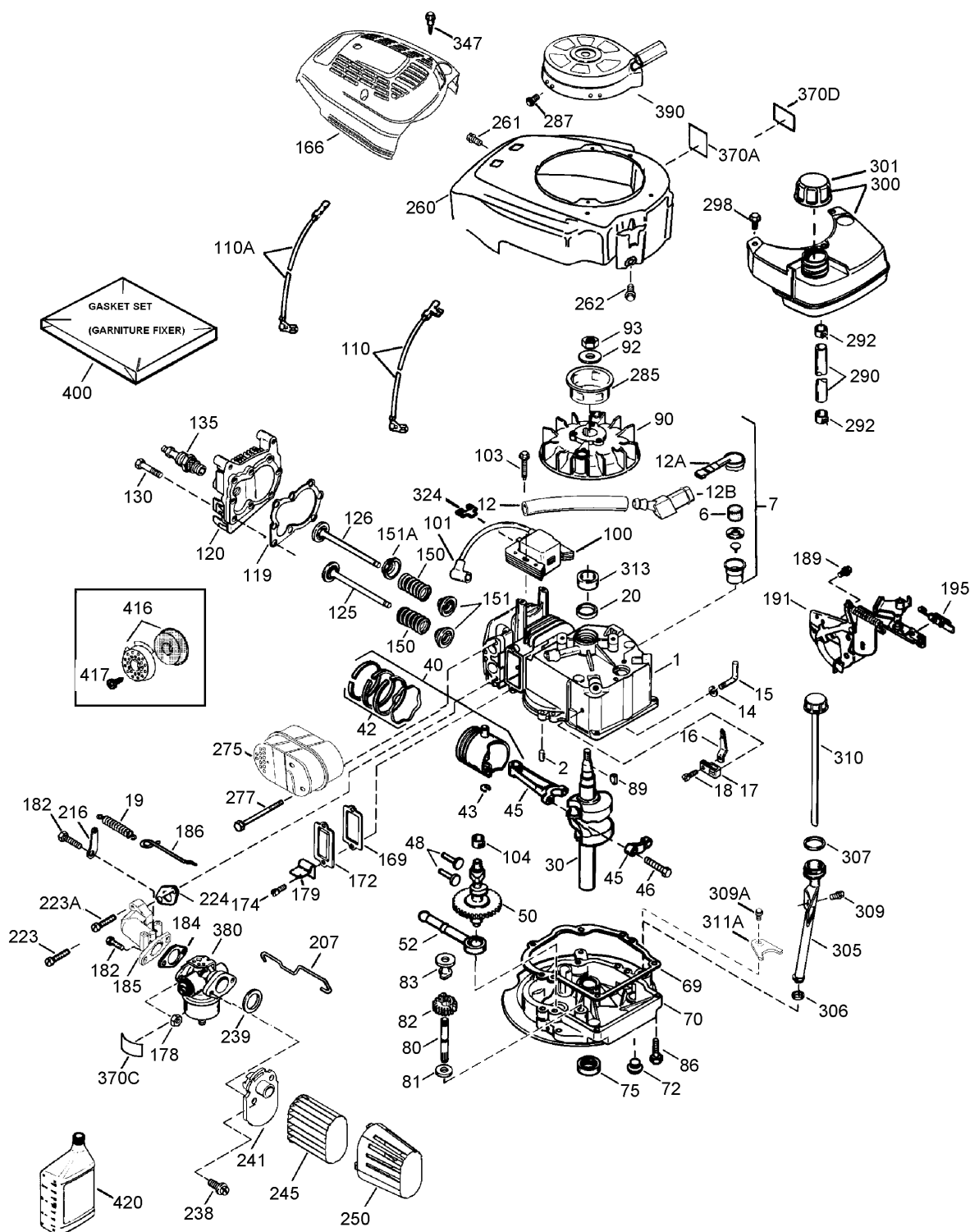
Engine Assembly No. 1

Tecumseh LV195EA-362044D

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
③1	37465	1	Cylinder (Includes 2, 20, 150)	③130	6021A	8	Screw (5/16-18X1-1/2)
③2	26727	2	Pin-Dowel	③135	35395	1	Spark Plug-Resistor (R J19 L M)
③6	33734	1	Element-Breather	③150	31672	2	Spring-Valve
③7	36557	1	Breather ASM (Includes 6, 12A)	③151	31673	2	Cap-Valve, Spring
③12	37944	1	Tube-Breather	③151A	40017	1	Seal-Valve, Intake
③12A	36558	1	Breather Cover And Tube ASM (Includes 12B)	③166	37813A	1	Shroud-Engine (Green)
③12B	36694	1	Elbow-Tube, Breather	③169	36783	1	Gasket-Cover, Valve
③14	28277	1	Washer-Flat	③172	36784	1	Cover-Valve
③15	30589	1	Rod-Governor (Includes 14)	③174	30200	2	Screw (10-24 X 9/16)
③16	34839A	1	Lever-Governor	③178	29752	2	Nut And Lock Washer (1/4-28)
③17	31335	1	Clamp-Lever, Governor	③179	30593	1	Retainer Clip
③18	651018	1	Screw (T-15, 8-32 X 19/64)	③182	6201	2	Screw (1/4-28 X 7/8)
③19	36281	1	Spring-Extension	③184	26756	1	Gasket-Carburetor To Intake Pipe
③20	32600	1	Seal-Oil	③185	37466	1	Pipe-Intake
③30	37692	1	Crankshaft	③186	32653	1	Link-Governor
③40	40027	1	Piston, Pin And Ring Set (STD.)	③189	650839	2	Screw (1/4-20 X 3/8)
③42	40006	1	Ring Set (STD)	③191	36559A	1	Bracket-Brake (Includes 195)
③43	20381	2	Ring-Retaining, Piston Pin	③195	610973	1	Terminal
③45	36777	1	Connecting Rod ASM (Includes 46)	③207	34336A	1	Link-Throttle
③46	32610A	2	Bolt-Rod, Connecting	③216	33086	1	Lever-Adjusting, R P M
③48	27241	2	Lifter-Valve	③223	650451	1	Screw (1/4-20 X 1)
③50	37460	1	Camshaft (Includes 104)	③223A	651074	1	Stud-Pipe, Intake
③52	29914	1	Oil Pump ASM	③224	36786	1	Gasket-Pipe, Intake
③69	37609	1	Gasket-Flange, Mounting	③238	650932	2	Screw (10-32 X 49/64)
③70	37608A	1	Flange-Mounting (Includes 72-83, 306, 309A, 311A)	③239	34338	1	Gasket-Air Cleaner
③72	37614	1	Plug-Drain, Oil	③241	36919	1	Collar-Air Cleaner
③75	27897	1	Seal-Oil	③245	36905	1	Filter-Air Cleaner
③80	30574A	1	Shaft-Governor	③250	37122	1	Cover-Air Cleaner
③81	30590A	1	Washer	③260	37696A	1	Housing-Blower
③82	30591	1	Governor Gear ASM (Includes 81)	③261	30200	2	Screw (10-24 X 9/16)
③83	30588A	1	Spool-Governor	③262	650831	2	Screw (1/4-20 X 1/2)
③86	650488	6	Screw (1/4-20 X 1-1/4)	③275	37498	1	Muffler
③89	611298	1	Key-Flywheel	③277	650988	2	Screw (1/4-20 X 2-9/32)
③90	611299	1	Flywheel	③285	35000A	1	Cup-Starter
③92	650815	1	Washer-Belleville	③287	650926	2	Screw (8-32 X 21/64)
③93	650816	1	Nut-Flywheel	③290	37962	1	Line-Fuel, Low Permeation (8.62)
③100	34443C	1	Ignition-Solid State	③292	26460	2	Clamp-Line, Fuel
③101	610118	1	Cover-Spark Plug	③298	28763	2	Screw (10-32 X 35/64)
③103	651007	2	Screw (T-15, 10-24 X 15/16)	③300	37947	1	Fuel Tank ASM
③104	37480	1	Bushing-Cam	③301	37844	1	Cap-Fuel (Black) (1-1/2 I D)
③110	37047	1	Wire-Ground (10.50 With Male And Female Flag Terminals)	③305	35647A	1	Tube-Fill, Oil
③110A	611227	1	Wire-Ground	③306	37610	1	O-Ring
③119	37796	1	Gasket-Head, Cylinder	③307	35499	1	O-Ring
③120	3771	1	Head-Cylinder	③309	650562	1	Screw (10-32 X 1/2)
③125	36780	1	Valve-Exhaust (1/32In Os) (Includes 151)	③309A	650783	1	Screw (10-24 X 3/4)
③125	37288	1	Valve-Exhaust (STD) (Includes 151)	③310	35648	1	Dipstick
③126	37289	1	Valve-Intake (STD) (Includes 151, 151A)	③311A	37611	1	Bracket-Holddown
				③313	34080	1	Spacer
				③324	33177	1	Terminal
				③347	650898A	4	Screw (10-32 X 27/32)
				③370A	36261	2	Decal-Lubrication

Engine Assembly No. 2

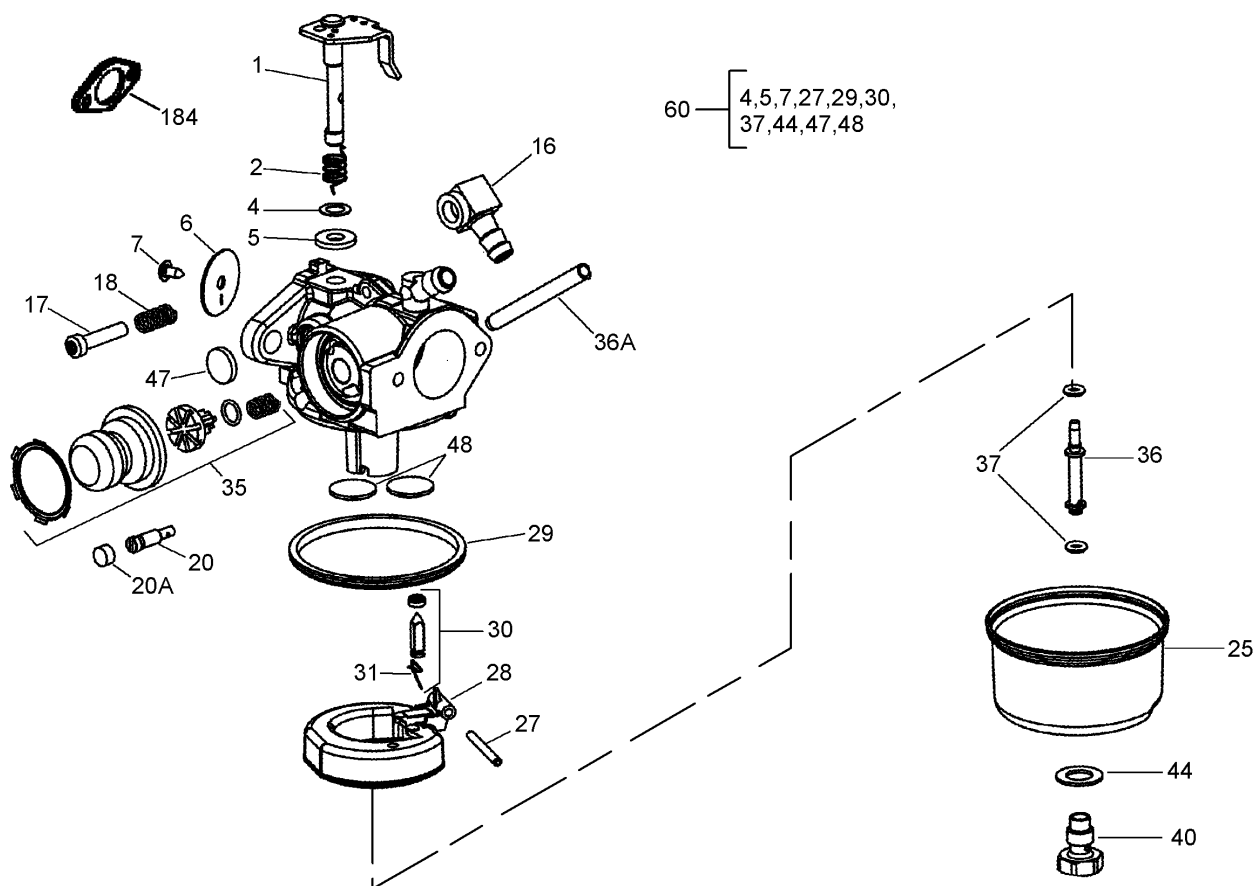
Tecumseh LV195EA-362044D



Engine Assembly No. 2

Tecumseh LV195EA-362044D

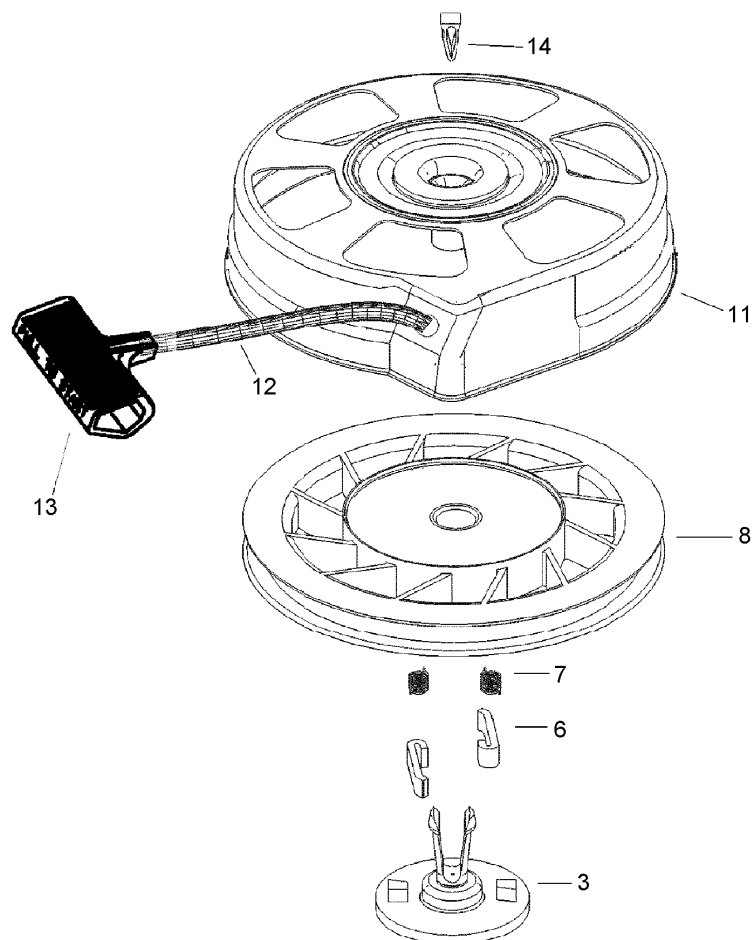
Ref	Part No.	Qty.	Description
③370C	37695	1	Decal-Primer
③370D	35977	1	Decal-Warning
③380	640350	1	Carburetor ASM (Includes 184)
③390	590739	1	Starter-Rewind (Note: This Engine Could Have Been Built With Starter 590702)
③400	37613A	1	Gasket Set (Includes 69, 119, 169, 184, 224, 239, 306)
③416	37530	1	Spark Arrestor Kit
③420	730225A	1	Oil-Engine, Sae 30 (4-Cycle)



Carburetor Assembly No. 640350 Tecumseh LV195EA-362044D

Ref	Part No.	Qty.	Description
❶	631615	1	Throttle Shaft And Lever ASM
❷	631767	1	Spring-Return, Throttle
❹	631184	1	Washer-Seal, Dust
❺	631183	1	Dust Seal (Throttle)
❻	640070	1	Shutter-Throttle
❼	650506	1	Screw-Shutter
❻	631807	1	Fitting-Fuel
❼	651025	1	Screw-Throttle Crack/Idle Speed
❹	630766	1	Spring-Tension
❷	640016	1	Screw-Restrictor, Idle
❷	640200	1	Cap-Screw, Restrictor Idle
❷	631867	1	Bowl-Float (No Drain)
❷	631024	1	Shaft-Float
❷	632802	1	Float (Plastic)
❷	631028	1	O-Ring-Bowl, Float
❷	631021A	1	Inlet Needle, Seat, And Clip ASM (Includes 31)
❷	631022	1	Clip-Spring
❷	640351	1	Primer Bulb/Valve Repair Kit
❷	640080	1	Tube-Nozzle, Main
❷	632766	1	Tube-Carburetor
❷	632547	2	O-Ring-Nozzle Tube, Main
❷	640030	1	Nut-Bowl, High Speed
❷	27110A	1	Washer-Nut, Bowl

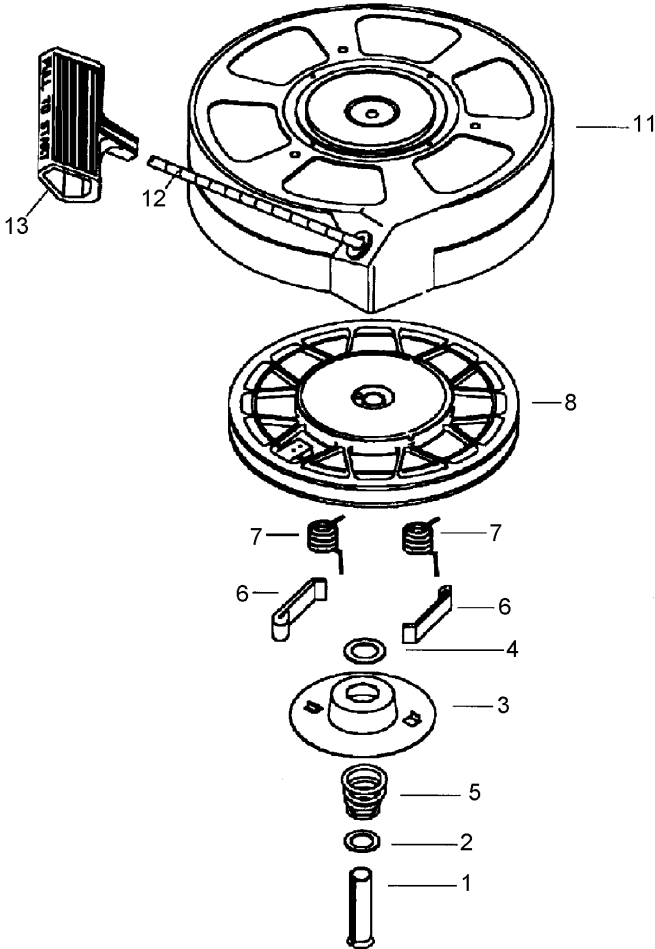
Ref	Part No.	Qty.	Description
❷	630748	1	Plug-Welch, Idle Mixture Well
❷	631027	2	Plug-Welch, Atmospheric Vent
❷	632760B	1	Repair Kit (Includes 4, 5, 7, 27, 29, 30, 37, 44, 47, 48)
❷	26756	1	Gasket-Carburetor To Intake Pipe



Recoil Starter Assembly No. 590739

Tecumseh LV195EA-362044D

Ref	Part No.	Qty.	Description				
33	590740	1	Retainer				
36	590616	2	Dog-Starter				
37	590617	2	Spring-Dog				
38	590618A	1	Pulley And Rewind Spring ASM				
311	590638A	1	Starter Housing ASM (40 Degree Grommet)				
312	590535	1	98 Starter Rope (Cut To Length)				
313	590701	1	Handle-Starter				
314	590760	1	Clip-Spring				



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

Ref	Part No.	Qty.	Description				
❶1	590599A	1	Spring Pin ASM (Includes 4)				
❷2	590600	1	Washer				
❸3	590696	1	Retainer				
❹4	590601	1	Washer				
❺5	590697	1	Spring-Brake				
❻6	590698	2	Dog-Starter				
❼7	590699	2	Spring-Dog				
❽8	590700	1	Pulley And Rewind Spring ASM				
❾11	590703A	1	Starter Housing ASM (40 Degree Grommet)				
❿12	590535	1	98 Starter Rope (Cut To Length)				
⓫13	590701	1	Handle-Starter				

Attachments and Accessories

For 10684C - Insight Lawn Mower

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

