



Insight™ Lawn Mower

Model No. 10685 - 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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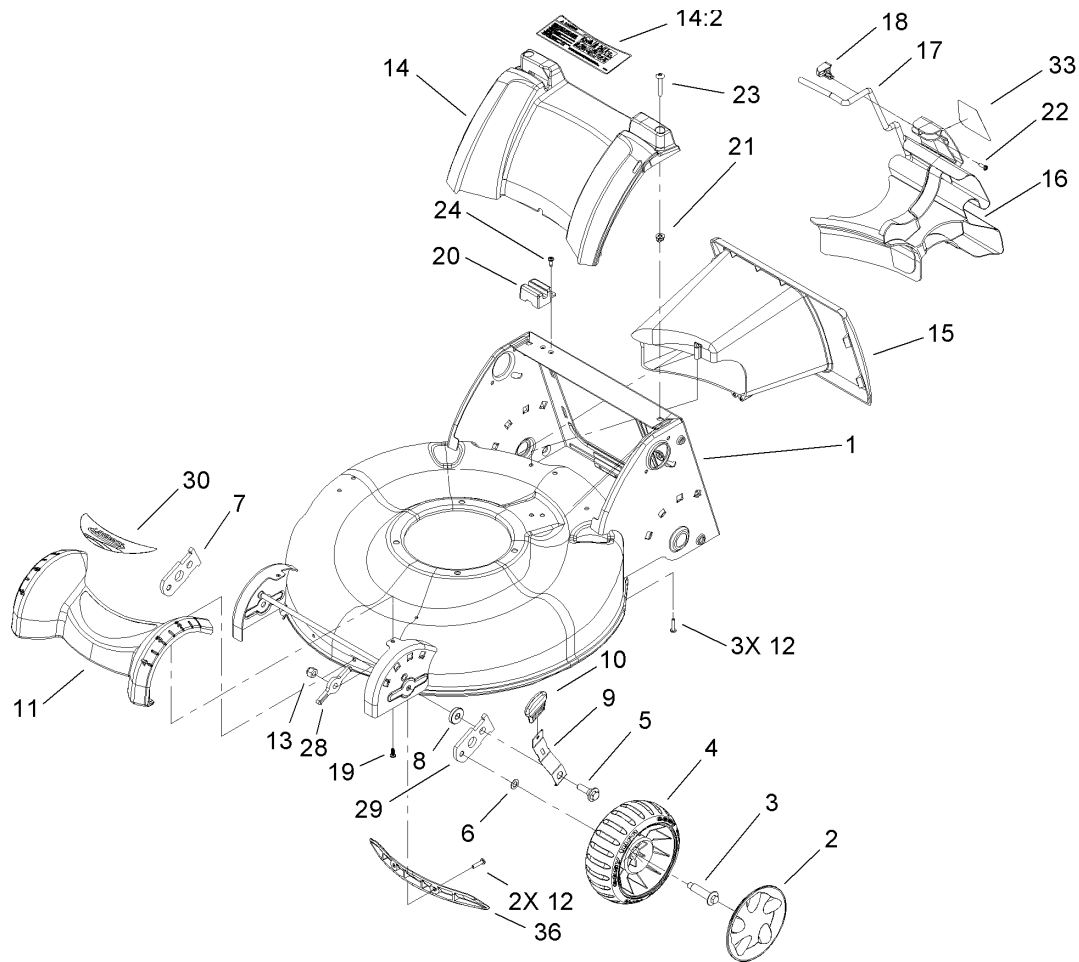
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. as required	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

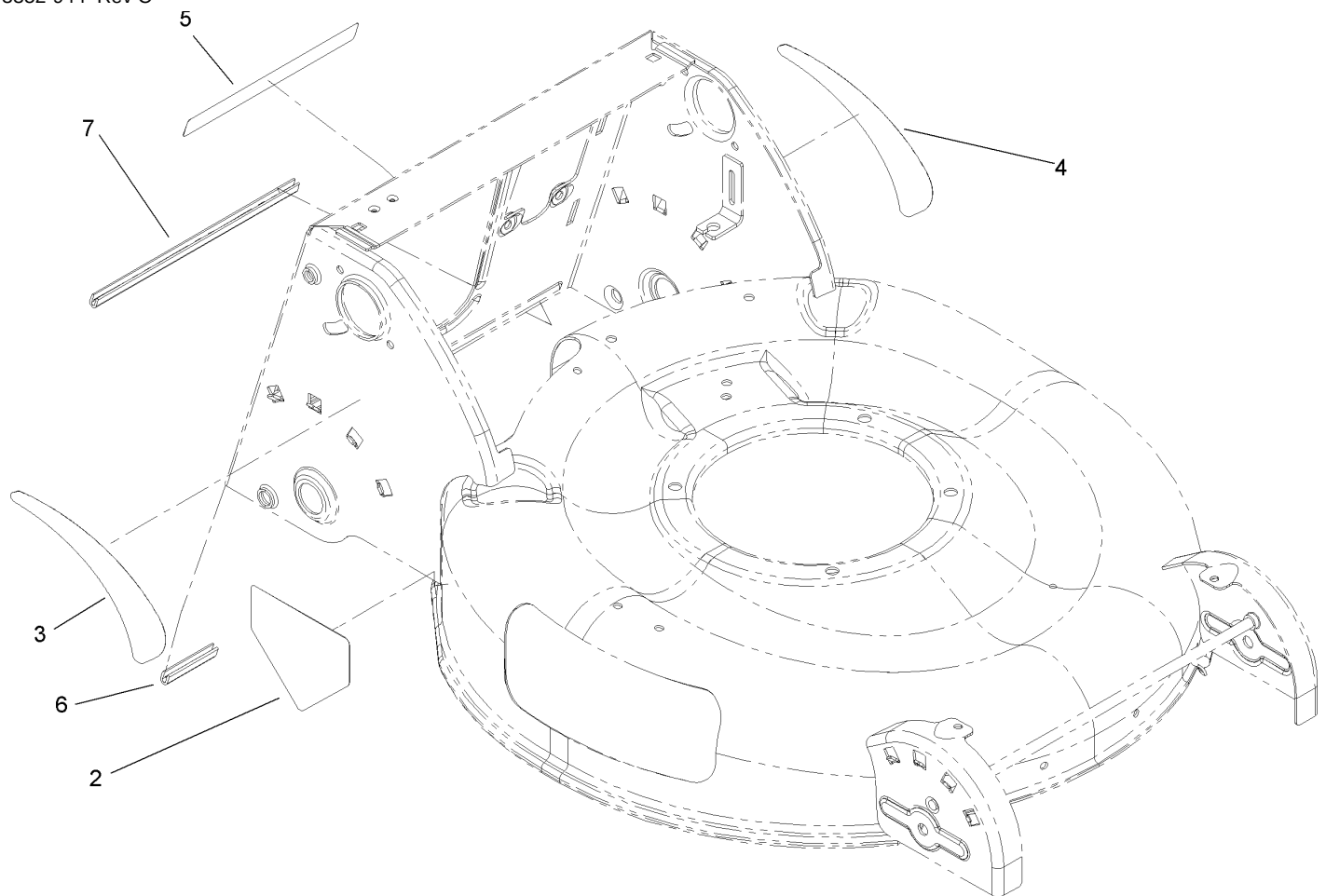
- | | |
|--|--------------------------------------|
| ❶ Not illustrated | ❷ Not serviced separately |
| ❸ Obtain from your local Tecumseh dealer | ❹ Included in Repair Kit No. 632760B |



Front Wheel and Tunnel Assembly

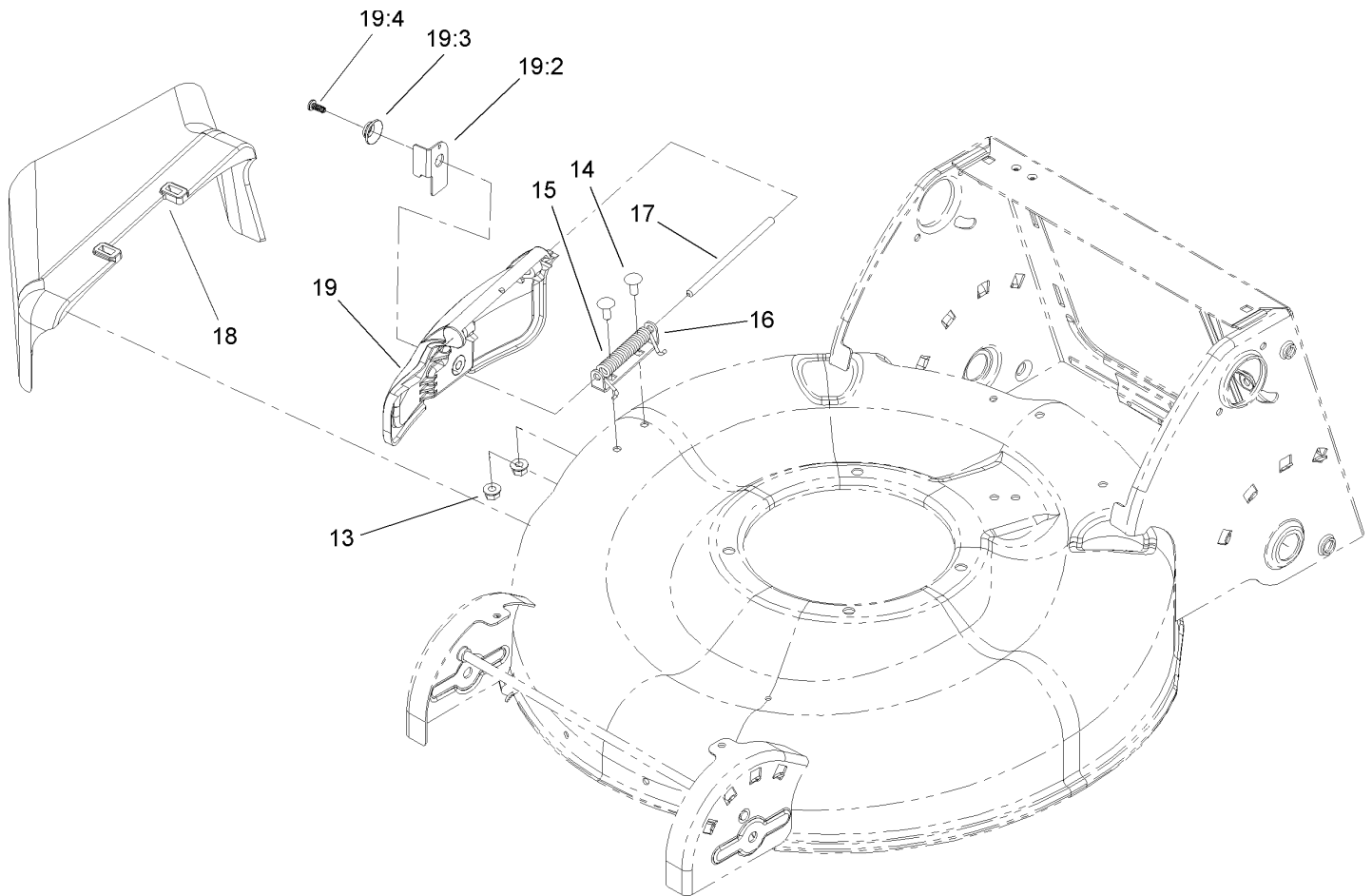
Ref	Part No.	Qty.	Description
1	108-9346	1	Housing ASM
2	107-3886	2	Cover-Wheel, 7 Inch
3	614650	2	Bolt-Shoulder
4	107-3891	2	7 Inch Wheel ASM
5	614672	2	Bolt-Shoulder
6	40-1940	2	Washer
7	107-3877	1	Arm-Pivot, RH
8	92-4890	2	Washer
9	107-3878	2	Arm-Spring
10	107-1904	2	Knob-Lever, HOC
11	107-3926	1	Cover-Front
12	108-7476	5	Screw-Plastite
13	3296-39	2	Nut-Lock, NI
14	108-9348	1	Cover-Rear
14:2	107-3888	1	Decal-Safety
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

Ref	Part No.	Qty.	Description
24	105-6849	2	Screw-Thread Forming
28	108-1048	2	Washer-Support, Front
29	108-1044	1	Arm-Pivot, LH
30	108-7453	1	Decal
33	108-7461	1	Decal
36	108-7502	1	Insert-Housing
39	110-1751	1	Mulch Plug ASM



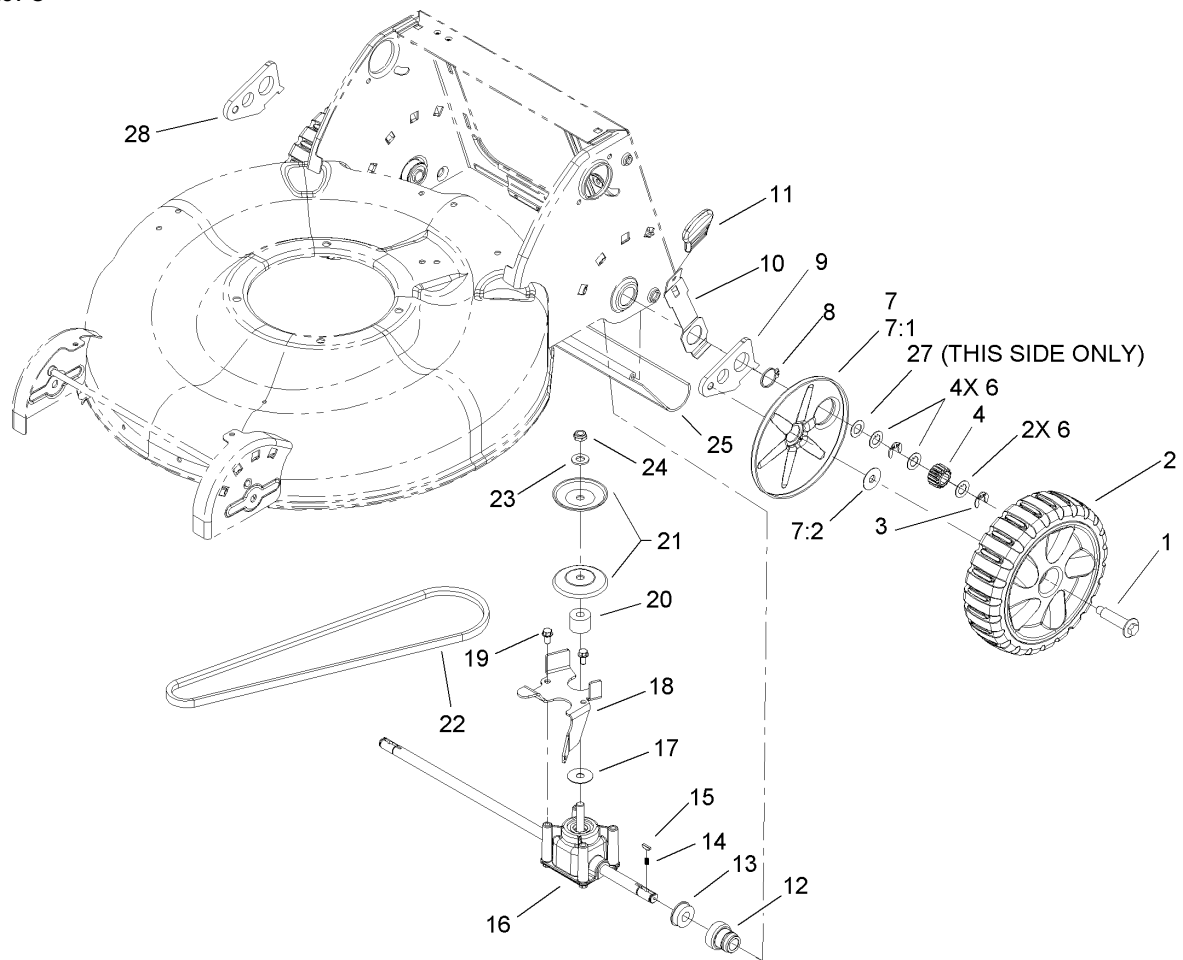
Housing Assembly No. 108-9346

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				
6	108-7504	1	Strip-Edge				
7	108-9380	1	Strip-Edge				



Side Discharge Assembly

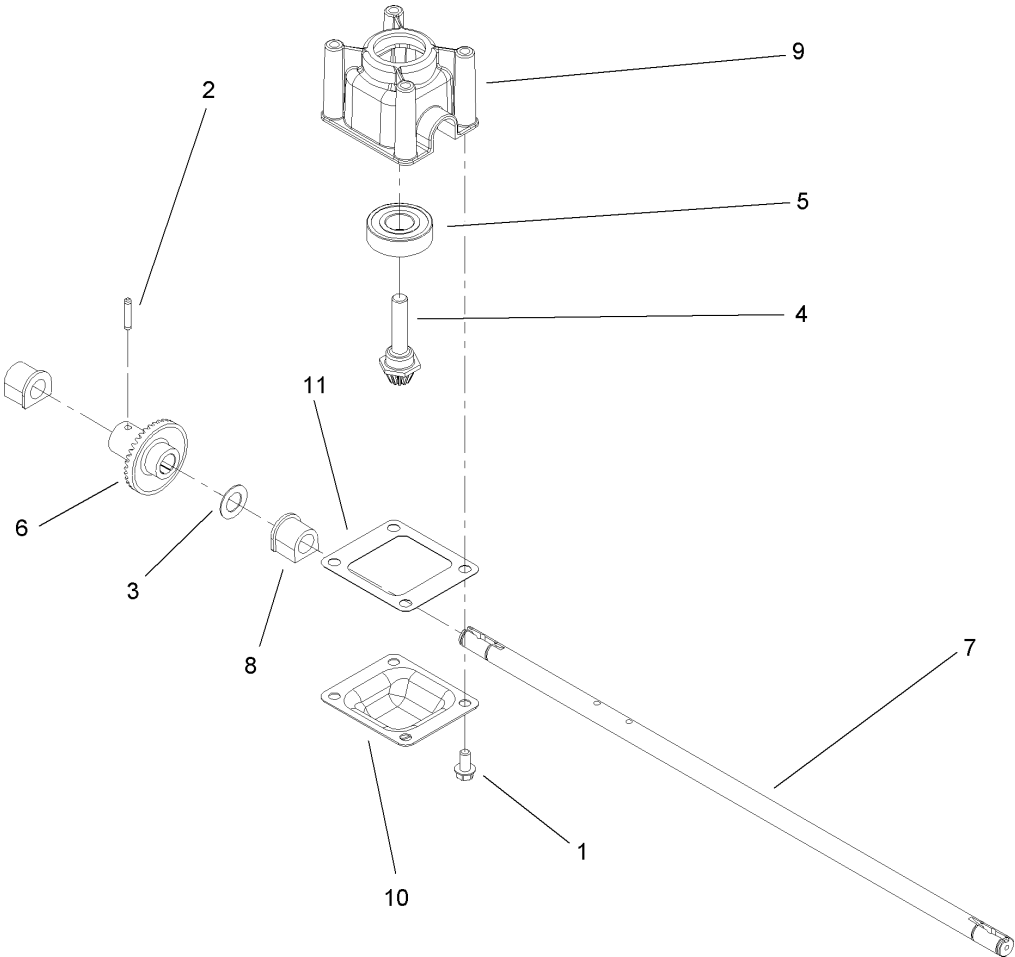
Ref	Part No.	Qty.	Description
13	32128-32	2	Nut-HHF
14	3229-11	2	Screw-CARR
15	99-5293	1	Spring-Torsion
16	99-5292	1	Bracket-Cover
17	99-5291	1	Rod-Cover
18	105-3028	1	Chute-Discharge, Side
19	106-8376	1	Discharge Door ASM
19:2	107-0795	1	Latch-Door
19:3	107-7456	1	Cap-Door
19:4	107-7461	1	Screw-Plastite



Rear Axle and Transmission Assembly

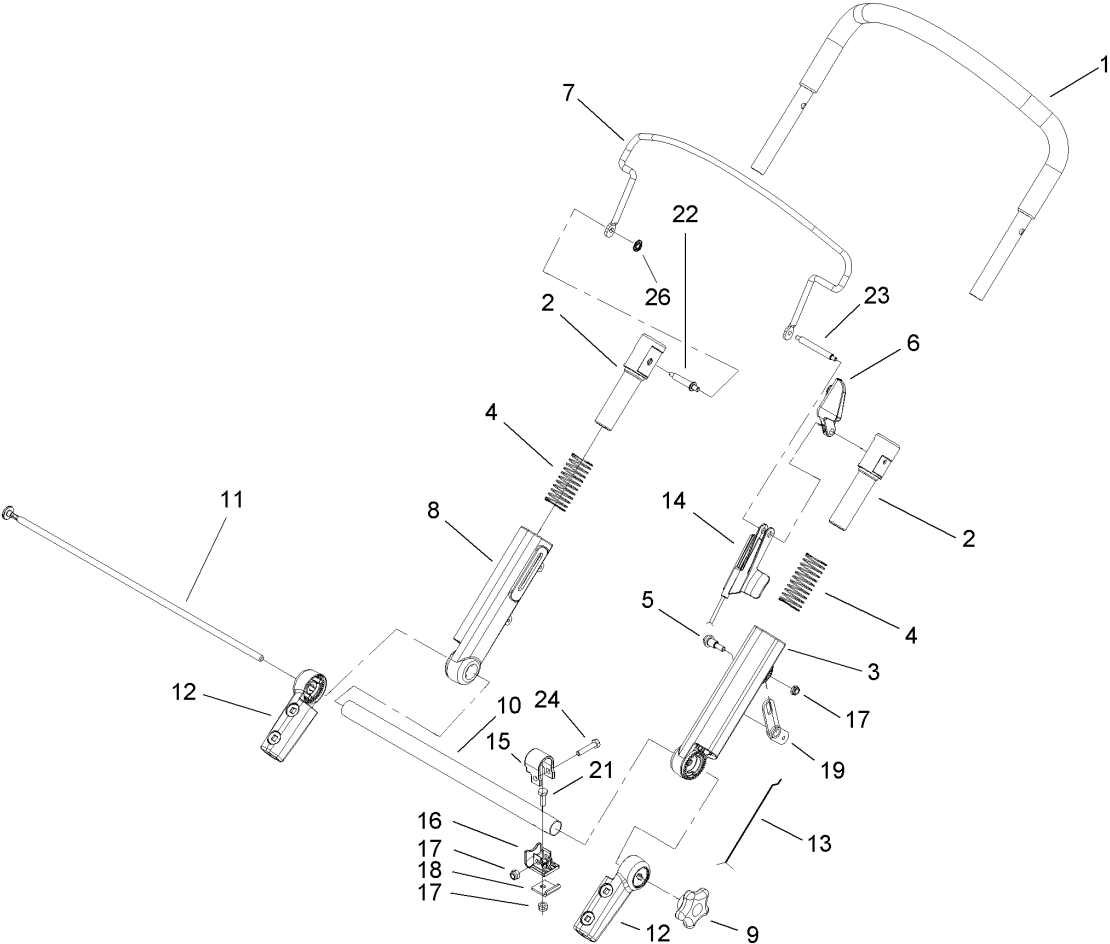
Ref	Part No.	Qty.	Description
1	614650	2	Bolt-Shoulder
2	107-3906	2	Rear Wheel ASM
3	65-2720	4	Klipring-Locking
4	105-3040	2	Gear-Pinion, 15T
6	105-6840	6	Washer-Thrust
7		2	Wheel Cover ASM
7:1	107-1919	1	Cover-Wheel
7:2	614426	1	Washer-Stepped
8	32151-36	2	Ring-Retaining
9	108-9344	1	Arm-Rear Pivot, LH
10	107-3880	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	105-6814	1	Washer-Shield
18	107-3884-03	1	Bracket-Transmission
19	32144-4	2	Screw-HWH
20	92-5791	1	Spacer
21	100-1176	2	Pulley-Half
22	91-2258	1	V-Belt
23	3256-24	1	Washer-Flat

Ref	Part No.	Qty.	Description
24	3296-5	1	Nut-Lock
25	107-3904	1	Shield-Trailing
27	36-4780	1	Washer
28	108-9343	1	Arm-Rear Pivot, RH



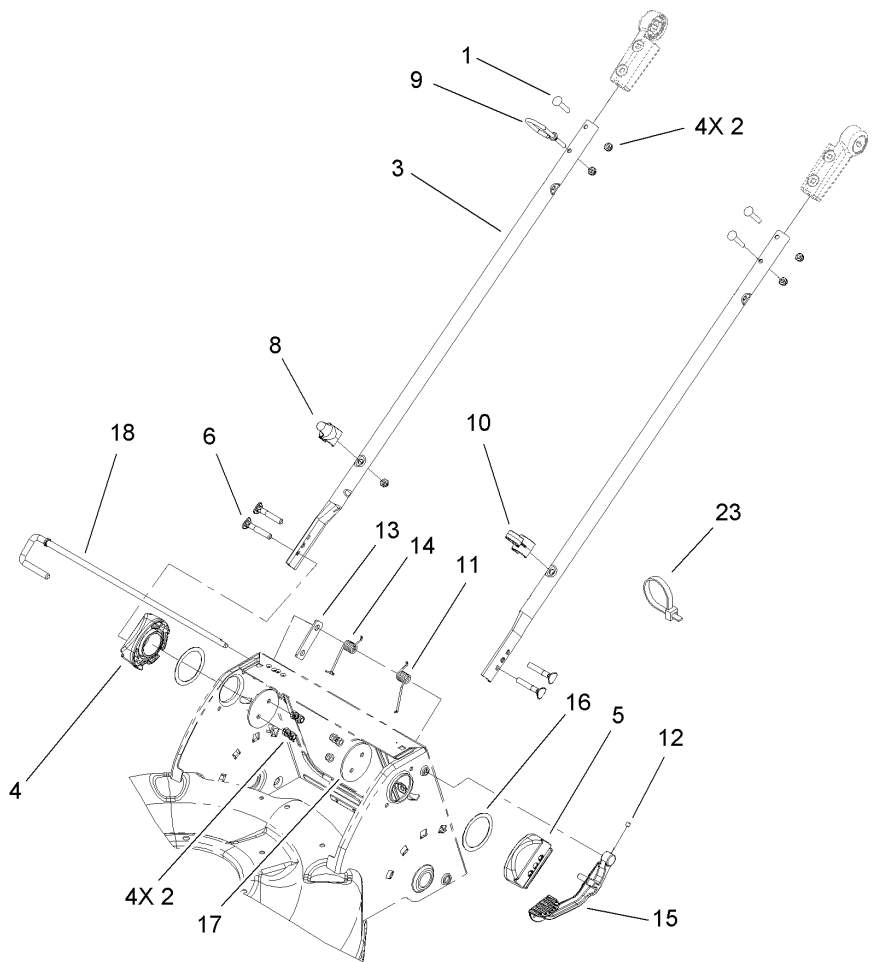
Transmission Assembly No. 107-3860

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				



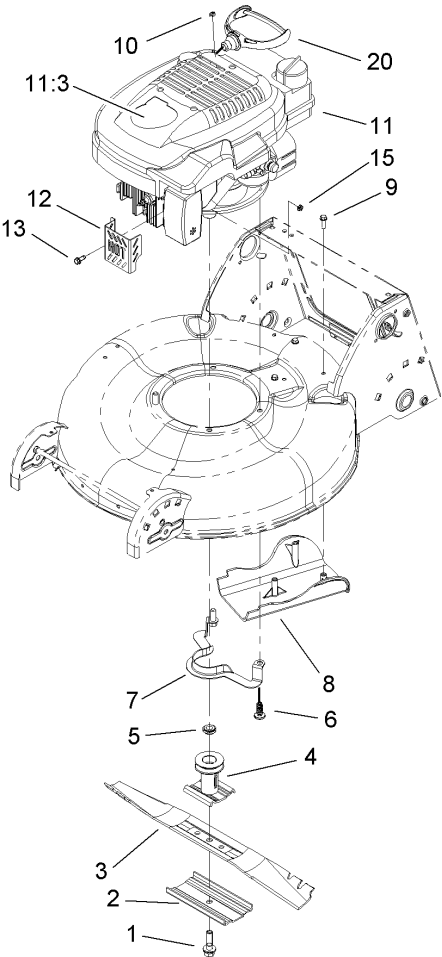
Upper Handle Assembly

Ref	Part No.	Qty.	Description				
1	108-0974	1	Upper Handle ASM				
2	107-3866	2	Sleeve-Handle				
3	107-3864	1	Slide-Top, LH				
4	107-3869	2	Spring-Compression				
5	104-0858	1	Bolt-Shoulder				
6	107-3943	1	Stop-Bail				
7	107-3874-03	1	Bail-Brake				
8	107-3863	1	Slide-Top, RH				
9	107-3937	1	Knob				
10	107-3867-03	1	Tube-Cross				
11	107-3871	1	Rod-Threaded				
12	107-3865	2	Mount-Handle, Lower				
13	107-3902	1	Cable-Traction				
14	108-0963	1	Cable-Brake				
15	108-1045	1	Support-Cable				
16	108-1046	1	Support-Guide, Cable				
17	3296-73	2	Nut-Lock, NI				
18	108-7454	1	Clamp-Cable				
19	107-3893	1	Lever-Traction				
21	321-4	1	Screw-HH				
22	108-0959	1	Pin-Handle				
23	108-1008	1	Pin-Bail, LH				
24	108-0988	1	Screw-CARR				
26	108-9378	1	Retainer-Push On				



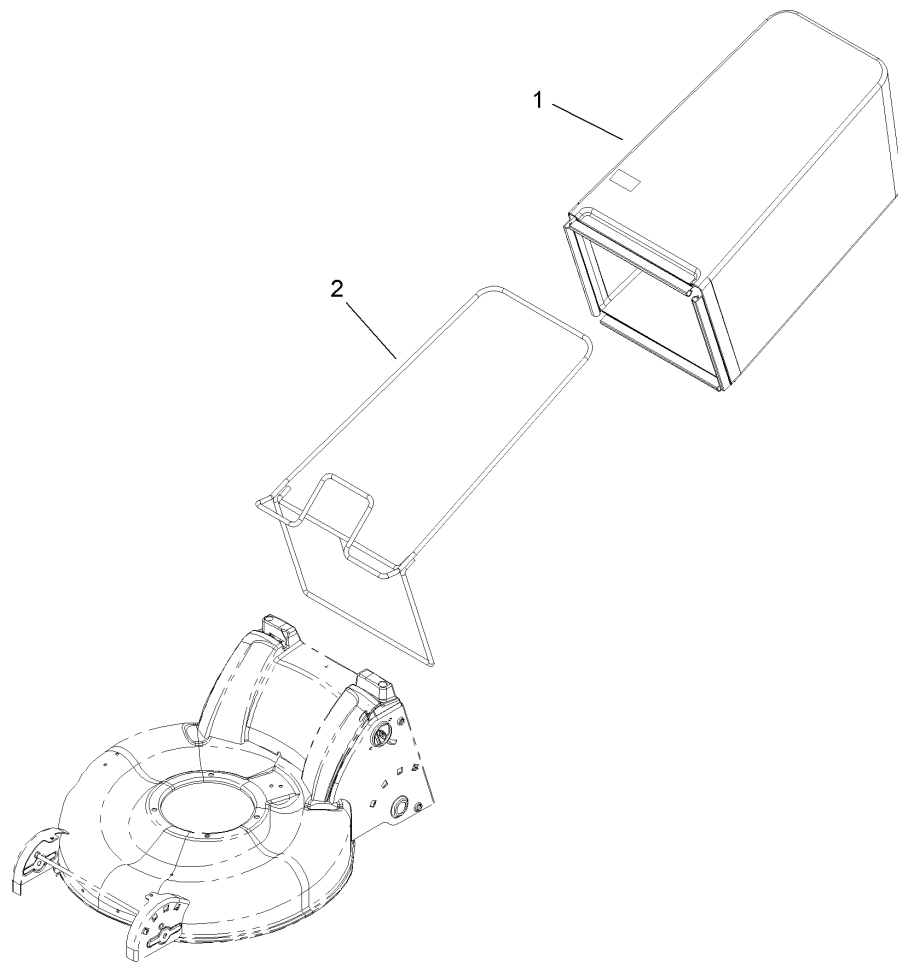
Lower Handle Assembly

Ref	Part No.	Qty.	Description				
1	108-0988	3	Screw-CARR				
2	3296-73	8	Nut-Lock, NI				
3	107-3887-03	2	Tube-Lower				
4	108-9339-03	1	Mount-Handle, RH				
5	108-9340-03	1	Mount-Handle, LH				
6	95-4453	4	Screw				
8	108-0994	1	Guide-Rope, Lower				
9	107-3908	1	Guide-Rope, Upper				
10	106-6805	1	Guide-Cable				
11	108-0952	1	Spring-Torsion, LH				
12	108-0989	1	Screw-Set				
13	108-0953	1	Spring-Torsion, RH				
14	107-3946	1	Plate-Lock, Handle				
15	108-0985-03	1	Lever-Release				
16	107-3947	2	Washer-Nylon				
17	107-3944-03	2	Plate				
18	107-3892	1	Rod-Release				
23	614249	1	Strap-Tie				



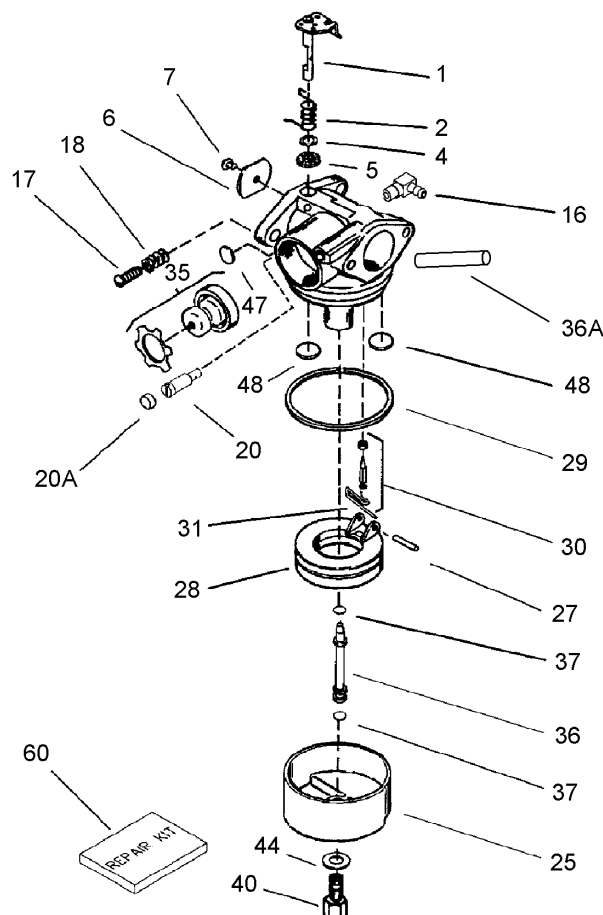
Blade and Engine Assembly

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	107-3909	1	Cover-Belt				
9	46-8091	3	Screw-HWH				
10	92-1701	1	Stop-Rope				
11		1	Engine-Tecumseh, Lv195Ea-362044C				
11:3	108-7452	1	Decal-Recoil				
12	106-8346	1	Guard-Muffler				
13	32144-85	1	Screw-HWH				
15	32149-7	1	Nut-Keps				
20	106-8345	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

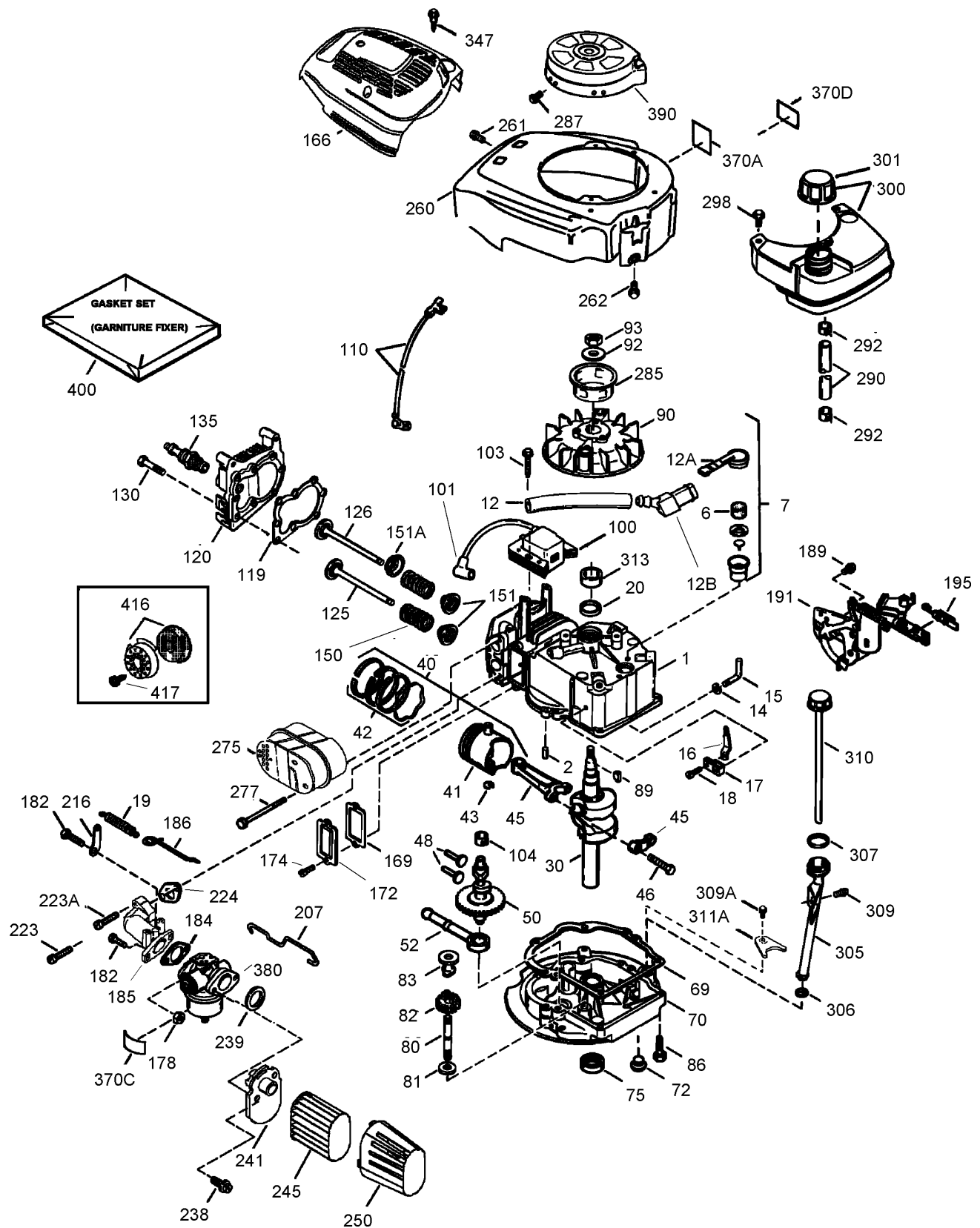


Carburetor Assembly No. 640350 Tecumseh LV195EA-362044C

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
③0	640350	1	Carburetor ASM	③④7	630748	1	Plug-Welch, Idle Mixture Well
③1	631615	1	Throttle Shaft And Lever ASM	③④48	631027	2	Plug-Welch, Atmospheric Vent
③2	631767	1	Spring-Return, Throttle	③60	632760B	1	Repair Kit
③④4	631184	1	Washer-Seal, Dust				
③④5	631183	1	Dust Seal (Throttle)				
③6	640070	1	Shutter-Throttle				
③④7	650506	1	Screw-Shutter				
③16	631807	1	Fitting-Fuel				
③17	651025	1	Screw-Throttle Crack/Idle Speed				
③18	630766	1	Spring-Tension				
③20	640016	1	Screw-Restrictor, Idle				
③20A	640200	1	Cap-Screw, Restrictor Idle				
③25	631867	1	Bowl-Float (No Drain)				
③④27	631024	1	Shaft-Float				
③28	632802	1	Float (Plastic)				
③④29	631028	1	O-Ring-Bowl, Float				
③④30	631021A	1	Inlet Needle, Seat And Clip ASM				
③31	631022	1	Clip-Spring				
③35	640351	1	Primer Bulb/Valve Repair Kit				
③36	640080	1	Tube-Nozzle, Main				
③36A	632766	1	Tube-Carburetor				
③④37	632547	2	O-Ring-Nozzle Tube, Main				
③40	640030	1	Nut-Bowl, High Speed				
③④44	27110A	1	Washer-Nut, Bowl				

Engine Assembly No. 1

Tecumseh LV195EA-362044C



Engine Assembly No. 1

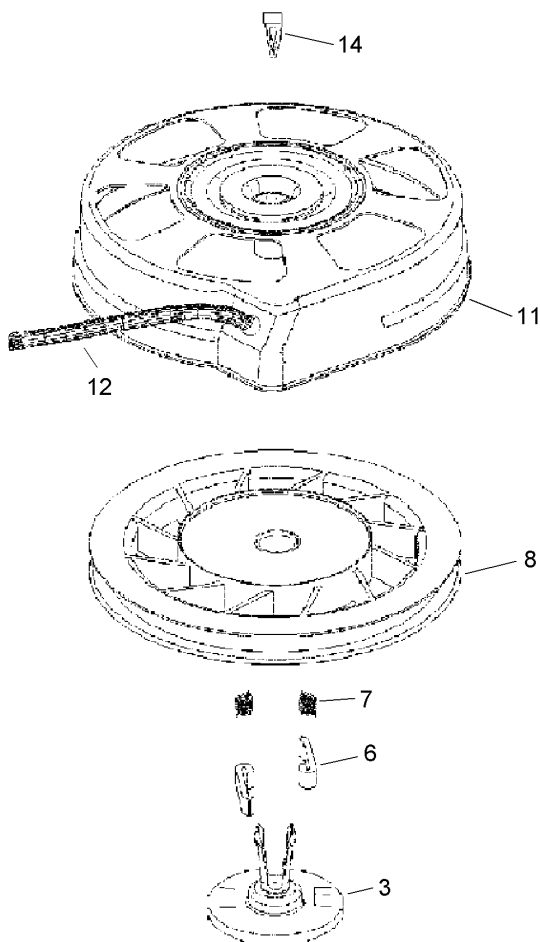
Tecumseh LV195EA-362044C

Ref	Part No.	Qty.	Description				
③1	37465	1	Cylinder ASM				
③2	26727	2	Pin-Dowel				
③6	33734	1	Element-Breather				
③7	36557	1	Breather ASM				
③12	37944	1	Tube-Breather				
③12A	36558	1	Breather Cover And Tube ASM				
③12B	36694	1	Elbow-Tube, Breather				
③14	28277	1	Washer-Flat				
③15	30589	1	Governor Rod ASM				
③16	34839A	1	Lever-Governor				
③17	31335	1	Clamp-Lever, Governor				
③18	651018	1	Screw (T-15, 8-32 X 19/64)				
③19	36281	1	Spring-Extension				
③20	32600	1	Seal-Oil				
③30	37692	1	Crankshaft				
③40	40027	1	Piston, Pin And Ring Set (STD.)				
③41	40042	1	Piston And Pin ASM (STD.)				
③42	40006	1	Ring Set (STD)				
③43	20381	2	Ring-Retaining, Piston Pin				
③45	36777	1	Connecting Rod ASM				
③46	32610A	2	Bolt-Rod, Connecting				
③48	27241	2	Lifter-Valve				
③50	37460	1	Camshaft ASM (Exhaust Mcr)				
③52	29914	1	Oil Pump ASM				
③69	37609	1	Gasket-Flange, Mounting				
③70	37608	1	Mounting Flange ASM				
③72	37614	1	Plug-Drain, Oil				
③75	27897	1	Seal-Oil				
③80	30574A	1	Shaft-Governor				
③81	30590A	1	Washer				
③82	30591	1	Governor Gear ASM				
③83	30588A	1	Spool-Governor				
③86	650488	6	Screw (1/4-20 X 1-1/4)				
③89	611298	1	Key-Flywheel				
③90	611299	1	Flywheel				
③92	650815	1	Washer-Belleville				
③93	650816	1	Nut-Flywheel				
③100	34443C	1	Ignition-Solid State				
③101	610118	1	Cover-Spark Plug				
③103	651007	2	Screw (T-15, 10-24 X 15/16)				
③104	37480	1	Bushing-Cam				

Engine Assembly No. 2

Tecumseh LV195EA-362044C

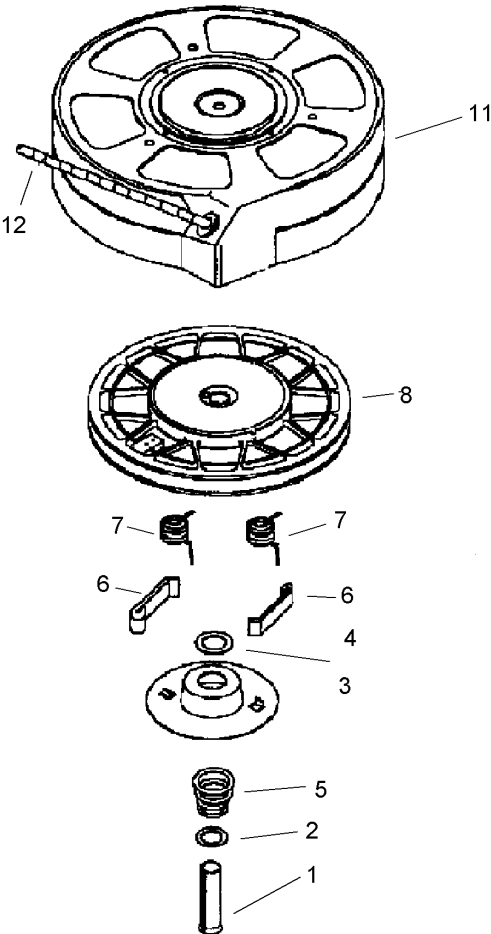
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
③110	37047	1	Wire-Ground (10.50 With Male And Female Flag Terminals)	③311A	37611	1	Bracket-Holddown
③119	37796	1	Gasket-Head, Cylinder	③313	34080	1	Spacer
③120	37714	1	Head-Cylinder	③347	650898A	4	Screw (10-32 X 27/32)
③125	36780	1	Valve-Exhaust (1/32 Os)	③370A	36261	2	Decal-Lubrication
③125	37288	1	Valve-Exhaust (STD)	③370C	37695	1	Decal-Primer
③126	37289	1	Valve-Intake (STD)	③370D	35977	1	Decal-Warning
③130	6021A	8	Screw (5/16-18X1-1/2)	③380	640350	1	Carburetor ASM
③135	35395	1	Spark Plug-Resistor (R J19 L M)	③390	590739	1	Rewind Starter ASM
③150	31672	2	Spring-Valve	③400	37613A	1	Gasket Set
③151	31673	2	Cap-Valve, Spring	③416	37530	1	Spark Arrestor Kit
③151A	40017	1	Seal-Valve, Intake				
③166	37813	1	Shroud-Engine				
③169	36783	1	Gasket-Cover, Valve				
③172	36784	1	Cover-Valve				
③174	30200	2	Screw (10-24 X 9/16)				
③178	29752	2	Nut And Lock Washer (1/4-28)				
③182	6201	2	Screw (1/4-28 X 7/8)				
③184	26756	1	Gasket-Carburetor To Intake Pipe				
③185	37466	1	Pipe-Intake				
③186	32653	1	Link-Governor				
③189	650839	2	Screw (1/4-20 X 3/8)				
③191	36559A	1	Bracket-Brake				
③195	610973	1	Terminal				
③207	34336A	1	Link-Throttle				
③216	33086	1	Lever-Adjusting, Rpm				
③223	650451	1	Screw (1/4-20 X 1)				
③223A	651074	1	Stud-Pipe, Intake				
③224	36786	1	Gasket-Pipe, Intake				
③238	650932	2	Screw (10-32 X 49/64)				
③239	34338	1	Gasket-Air Cleaner				
③241	36919	1	Collar-Air Cleaner				
③245	36905	1	Filter-Air Cleaner				
③250	37122	1	Cover-Air Cleaner				
③260	37696A	1	Housing-Blower				
③261	30200	2	Screw (10-24 X 9/16)				
③262	650831	2	Screw (1/4-20 X 1/2)				
③275	37498	1	Muffler				
③277	650988	2	Screw (1/4-20 X 2-9/32)				
③285	35000A	1	Cup-Starter				
③287	650926	2	Screw (8-32 X 21/64)				
③290	29774	1	Line-Fuel (8.62)				
③292	26460	2	Clamp-Line, Fuel				
③298	28763	2	Screw (10-32 X 35/64)				
③300	37947	1	Fuel Tank ASM				
③301	37844	1	Cap-Fuel (Black) (1-1/2 Id)				
③305	35647	1	Tube-Fill, Oil				
③306	37610	1	O-Ring				
③307	35499	1	O-Ring				
③309	650562	1	Screw (10-32 X 1/2)				
③309A	650783	1	Screw (10-24 X 3/4)				
③310	35648	1	Dipstick				



Rewind Starter Assembly No. 590739

Tecumseh LV195EA-362044C

Ref	Part No.	Qty.	Description				
③0	590739	1	Rewind Starter ASM				
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				
③12	590535	1	98 Starter Rope (Cut To Length)				
③14	590760	1	Clip-Spring				



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

Ref	Part No.	Qty.	Description				
❶0	590702	1	Starter-Recoil				
❶1	590599A	1	Spring Pin ASM				
❶2	590600	1	Washer				
❶3	590696	1	Retainer				
❶4	590601	1	Washer				
❶5	590697	1	Spring-Brake				
❶6	590698	2	Dog-Starter				
❶7	590699	2	Spring-Dog				
❶8	590700	1	Pulley And Rewind Spring ASM				
❶11	590703A	1	Starter Housing ASM				
❶12	590535	1	98 Starter Rope (Cut To Length)				

Attachments and Accessories

For 10685 - Insight Lawn Mower

Product Name	Model/Part
Loose Parts Kit	108-9353
Replacement Bag	89815
Rear Bag Kit	89913
21 Inch Blade	89914
Cruise Control Kit	89919
Air Filter	89945
Spark Plug	89946

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