



Insight[®] Lawn Mower

Model No. 10683 - 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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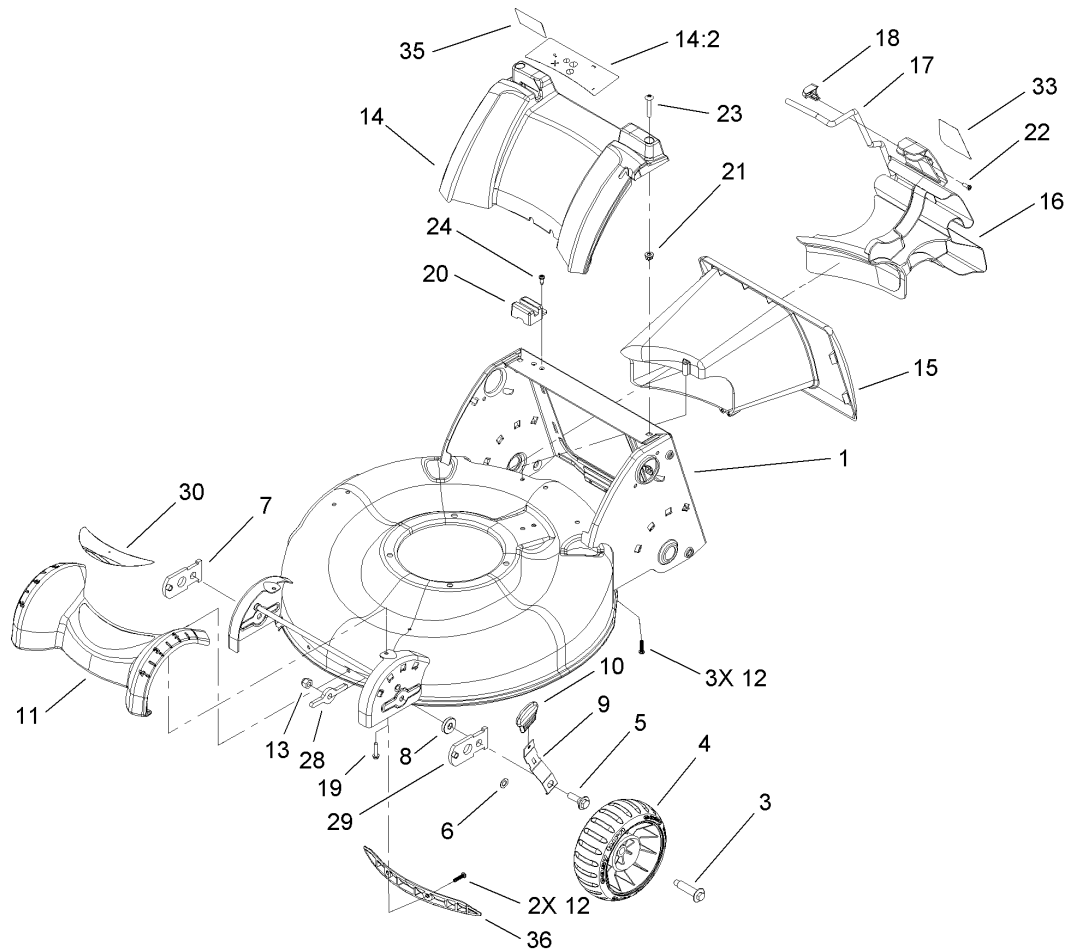
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. as required	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

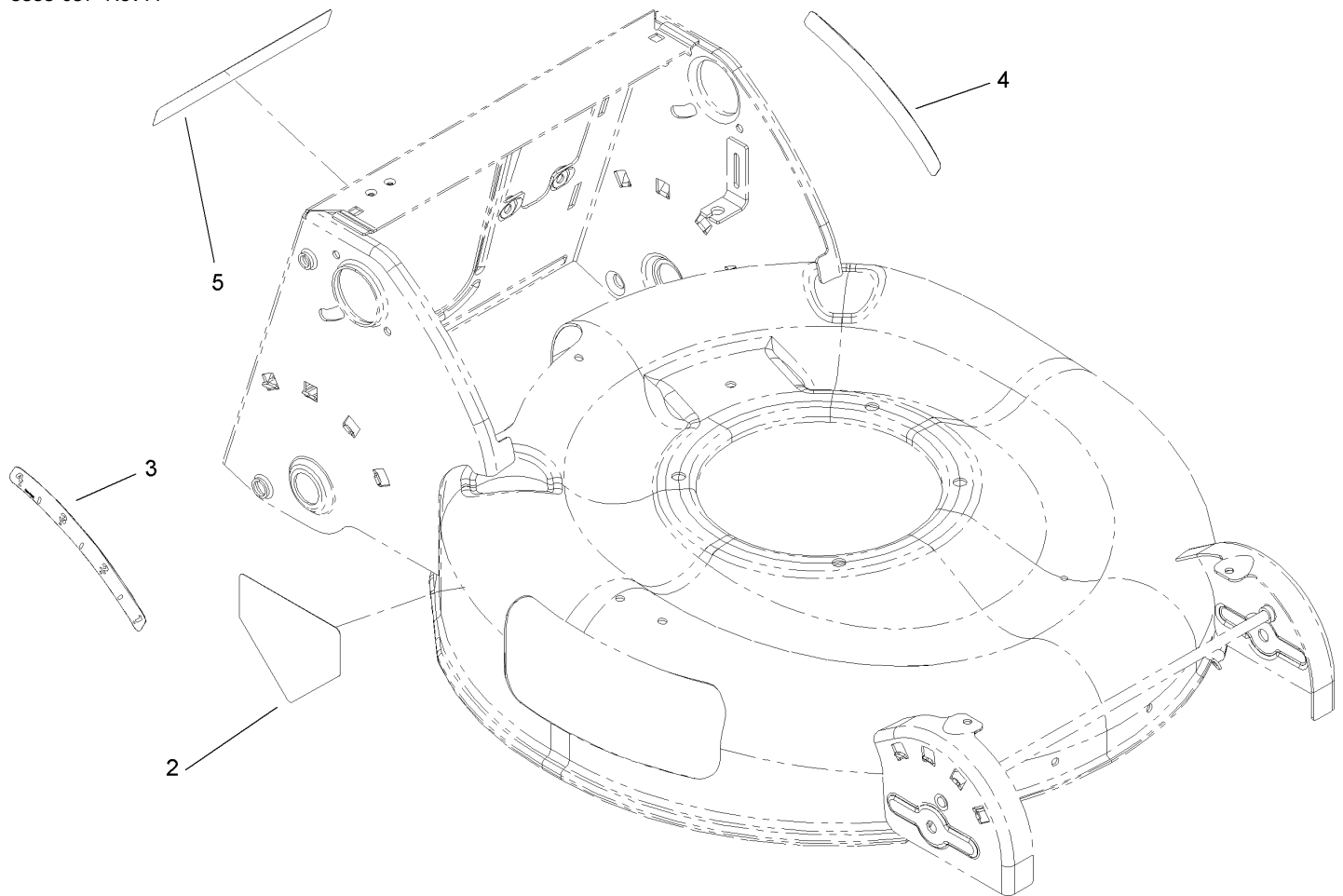
Footnotes

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

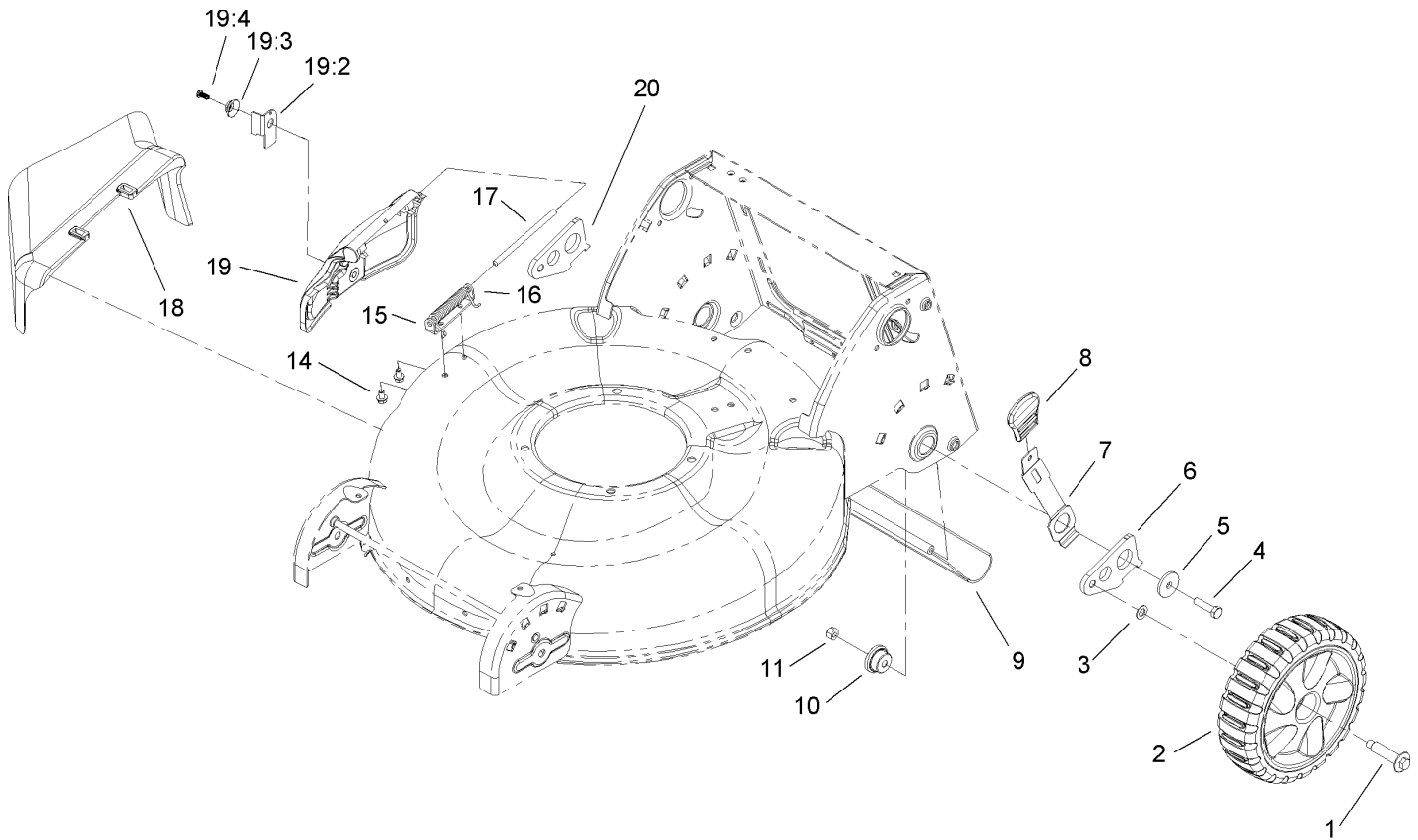


Front End and Tunnel Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	108-9345	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	108-7461	1	Decal
6	40-1940	2	Washer	35	107-1938	1	Decal-Bag Attachment
7	107-3877	1	Arm-Pivot, RH	36	108-7502	1	Insert-Housing
8	92-4890	2	Washer	39	110-1751	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	108-9349	1	Cover-Rear				
14:2	107-3888	1	Decal-Safety				
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				

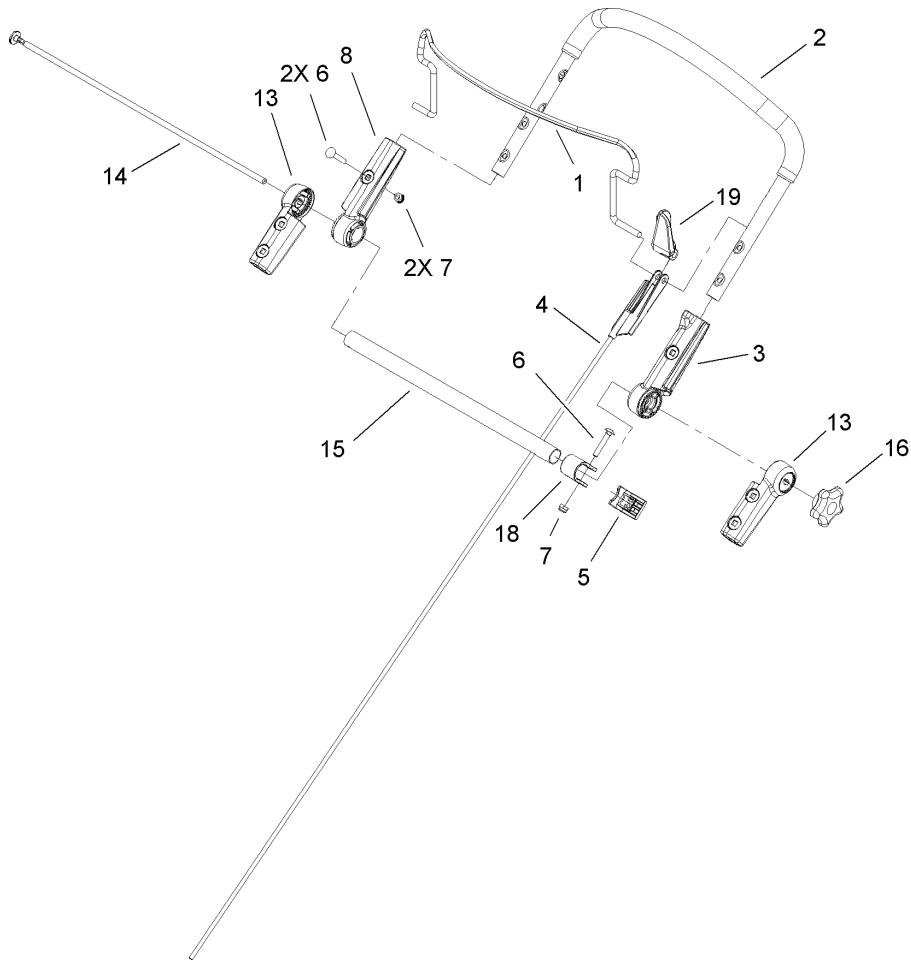
**Housing Assembly No. 108-9345**

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



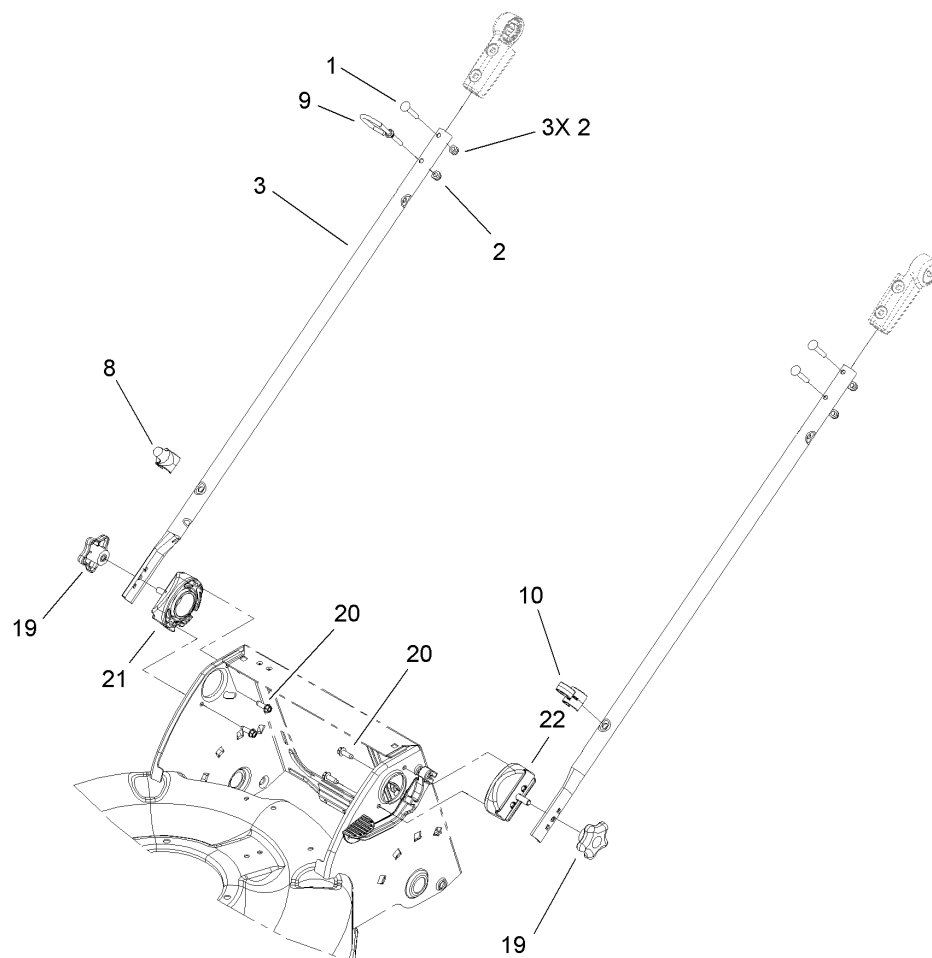
Rear End Assembly

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				



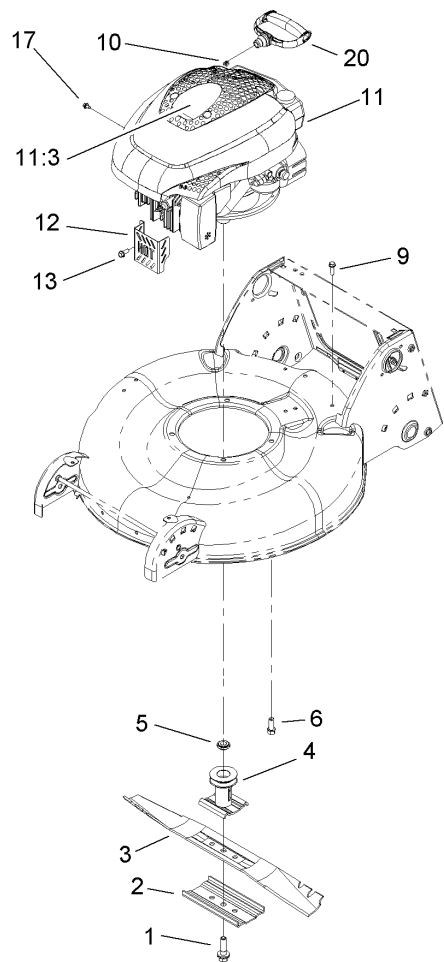
Upper Handle Assembly

Ref	Part No.	Qty.	Description				
1	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	3	Nut-Lock, NI				
8	110-1770	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				
18	108-1045	1	Support-Cable				
19	112-8764	1	Stop-Pivot				



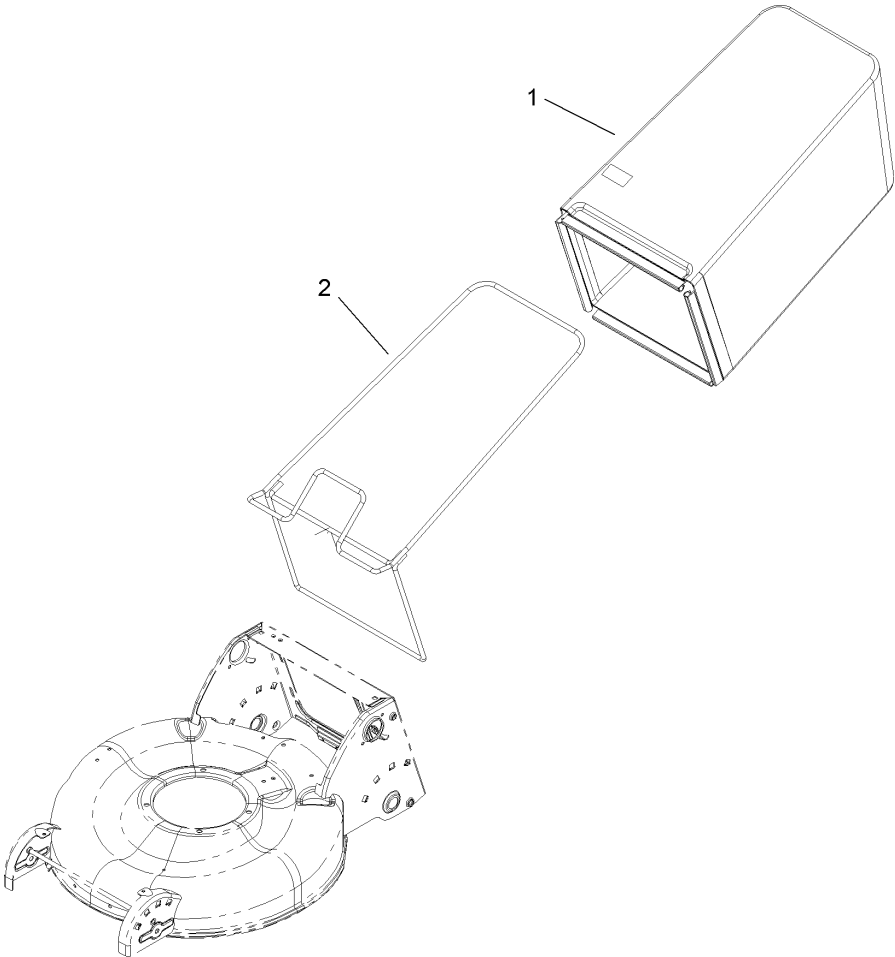
Lower Handle Assembly

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				



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				
2 11		1	Engine-Tecumseh, Lv195Ea-362044D				
11:3	108-7452	1	Decal-Recoil				
12	106-8346-03	1	Guard-Muffler				
13	32144-85	1	Screw-HWH				
17	98-1394	1	Screw-HWH				
20	110-1778	1	Handle-Recoil				



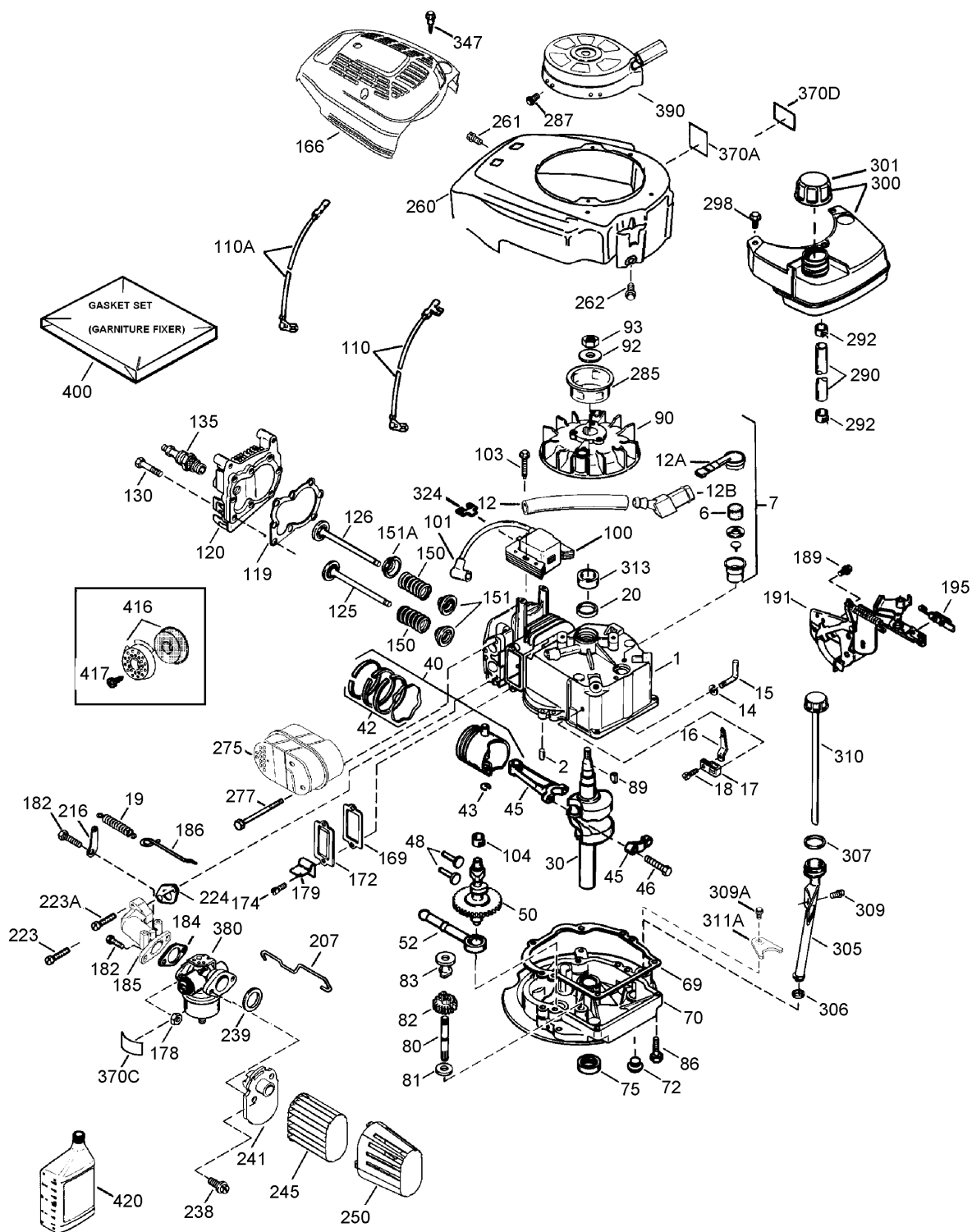
Rear Bag Assembly

Ref	Part No.	Qty.	Description
1	107-3911	1	Bag-Grass
2	112-8750-03	1	Frame-Bag

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Engine Assembly No. 1

Tecumseh LV195EA-362044D



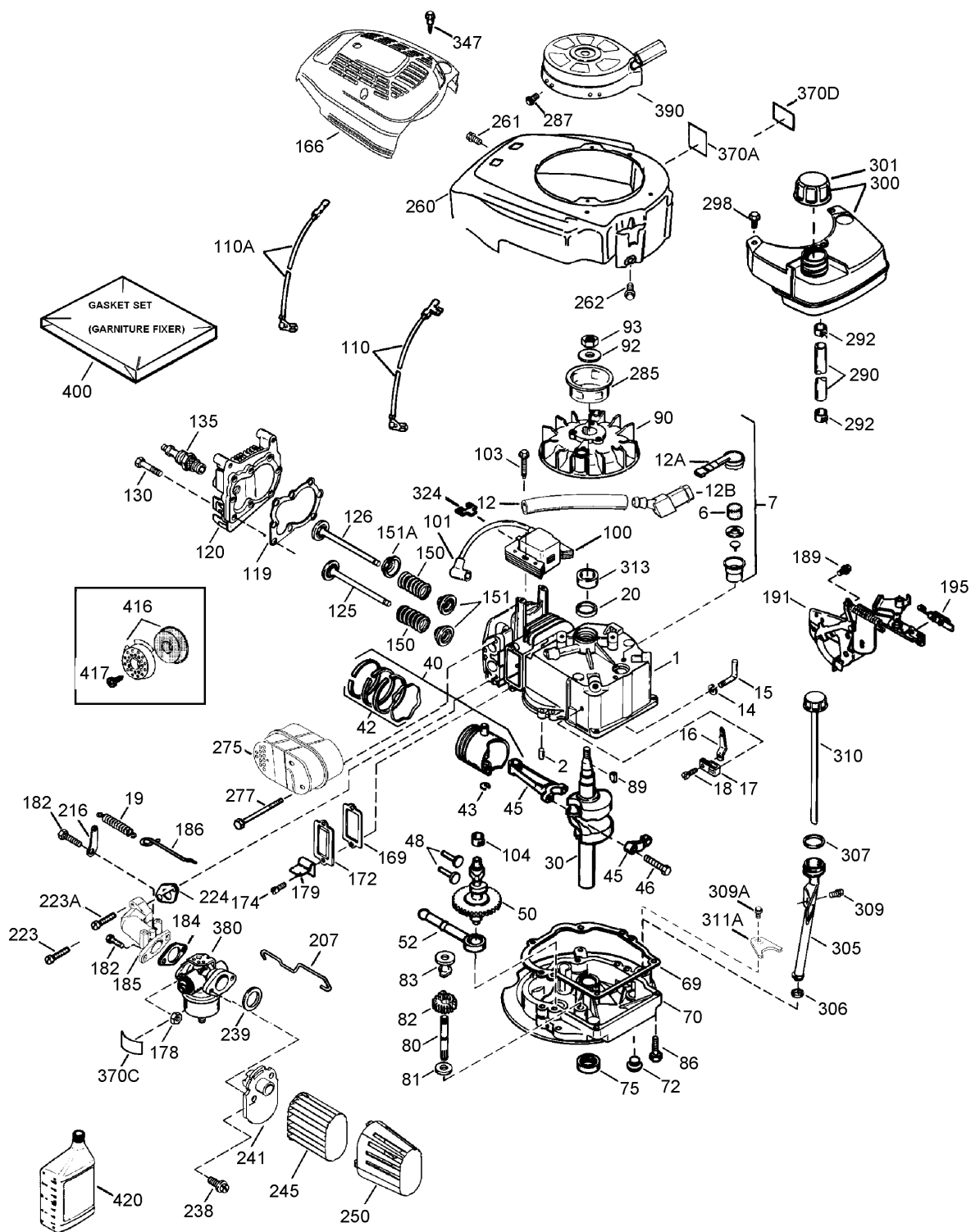
Engine Assembly No. 1

Tecumseh LV195EA-362044D

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
❶1	37465	1	Cylinder (Includes 2, 20, 150)	❶130	6021A	8	Screw (5/16-18X1-1/2)
❶2	26727	2	Pin-Dowel	❶135	35395	1	Spark Plug-Resistor (R J19 L M)
❶6	33734	1	Element-Breather	❶150	31672	2	Spring-Valve
❶7	36557	1	Breather ASM (Includes 6, 12A)	❶151	31673	2	Cap-Valve, Spring
❶12	37944	1	Tube-Breather	❶151A	40017	1	Seal-Valve, Intake
❶12A	36558	1	Breather Cover And Tube ASM (Includes 12B)	❶166	37813A	1	Shroud-Engine (Green)
❶12B	36694	1	Elbow-Tube, Breather	❶169	36783	1	Gasket-Cover, Valve
❶14	28277	1	Washer-Flat	❶172	36784	1	Cover-Valve
❶15	30589	1	Rod-Governor (Includes 14)	❶174	30200	2	Screw (10-24 X 9/16)
❶16	34839A	1	Lever-Governor	❶178	29752	2	Nut And Lock Washer (1/4-28)
❶17	31335	1	Clamp-Lever, Governor	❶179	30593	1	Retainer Clip
❶18	651018	1	Screw (T-15, 8-32 X 19/64)	❶182	6201	2	Screw (1/4-28 X 7/8)
❶19	36281	1	Spring-Extension	❶184	26756	1	Gasket
❶20	32600	1	Seal-Oil	❶185	37466	1	Pipe-Intake
❶30	37692	1	Crankshaft	❶186	32653	1	Link-Governor
❶40	40027	1	Piston, Pin And Ring Set (STD.)	❶189	650839	2	Screw (1/4-20 X 3/8)
❶42	40006	1	Ring Set (STD)	❶191	36559A	1	Bracket-Brake (Includes 195)
❶43	20381	2	Ring-Retaining, Piston Pin	❶195	610973	1	Terminal
❶45	36777	1	Connecting Rod ASM (Includes 46)	❶207	34336A	1	Link-Throttle
❶46	32610A	2	Bolt-Rod, Connecting	❶216	33086	1	Lever-Adjusting, R P M
❶48	27241	2	Lifter-Valve	❶223	650451	1	Screw (1/4-20 X 1)
❶50	37460	1	Camshaft (Includes 104)	❶223A	651074	1	Stud-Pipe, Intake
❶52	29914	1	Oil Pump ASM	❶224	36786	1	Gasket-Pipe, Intake
❶69	37609	1	Gasket-Flange, Mounting	❶238	650932	2	Screw (10-32 X 49/64)
❶70	37608A	1	Flange-Mounting (Includes 72-83, 306, 309A, 311A)	❶239	34338	1	Gasket-Cleaner, Air
❶72	37614	1	Plug-Drain, Oil	❶241	36919	1	Collar-Cleaner, Air
❶75	27897	1	Seal-Oil	❶245	36905	1	Filter-Cleaner, Air (Paper)
❶80	30574A	1	Shaft-Governor	❶250	37122	1	Cover-Cleaner, Air
❶81	30590A	1	Washer-Flat	❶260	37696A	1	Housing-Blower
❶82	30591	1	Governor Gear ASM (Includes 81)	❶261	30200	2	Screw (10-24 X 9/16)
❶83	30588A	1	Spool-Governor	❶262	650831	2	Screw (1/4-20 X 1/2)
❶86	650488	6	Screw (1/4-20 X 1-1/4)	❶275	37498	1	Muffler
❶89	611298	1	Key-Flywheel	❶277	650988	2	Screw (1/4-20 X 2-9/32)
❶90	611299	1	Flywheel	❶285	35000A	1	Cup-Starter
❶92	650815	1	Washer-Belleville	❶287	650926	2	Screw (8-32 X 21/64)
❶93	650816	1	Nut-Flywheel	❶290	37962	1	Line-Fuel, Low Permeation (8.62)
❶100	34443C	1	Ignition-Solid State	❶292	26460	2	Clamp-Line, Fuel
❶101	610118	1	Cover-Spark Plug	❶298	28763	2	Screw (10-32 X 35/64)
❶103	651007	2	Screw (T-15, 10-24 X 15/16)	❶300	37947	1	Fuel Tank ASM
❶104	37480	1	Bushing-Cam	❶301	37844	1	Cap-Fuel (Black) (1-1/2 I D)
❶110	37047	1	Wire ASM	❶305	35647A	1	Tube-Fill, Oil
❶110A	611227	1	Wire-Ground	❶306	37610	1	O-Ring
❶119	37796	1	Gasket-Head, Cylinder	❶307	35499	1	O-Ring
❶120	3771	1	Head-Cylinder	❶309	650562	1	Screw (10-32 X 1/2)
❶125	36780	1	Valve-Exhaust (1/32In Os) (Includes 151)	❶309A	650783	1	Screw (10-24 X 3/4)
❶125	37288	1	Valve-Exhaust (STD) (Includes 151)	❶310	35648	1	Dipstick
❶126	37289	1	Valve-Intake (STD) (Includes 151, 151A)	❶311A	37611	1	Bracket-Holddown
				❶313	34080	1	Spacer
				❶324	33177	1	Terminal
				❶347	650898A	4	Screw (10-32 X 27/32)
				❶370A	36261	2	Decal-Lubrication

Engine Assembly No. 2

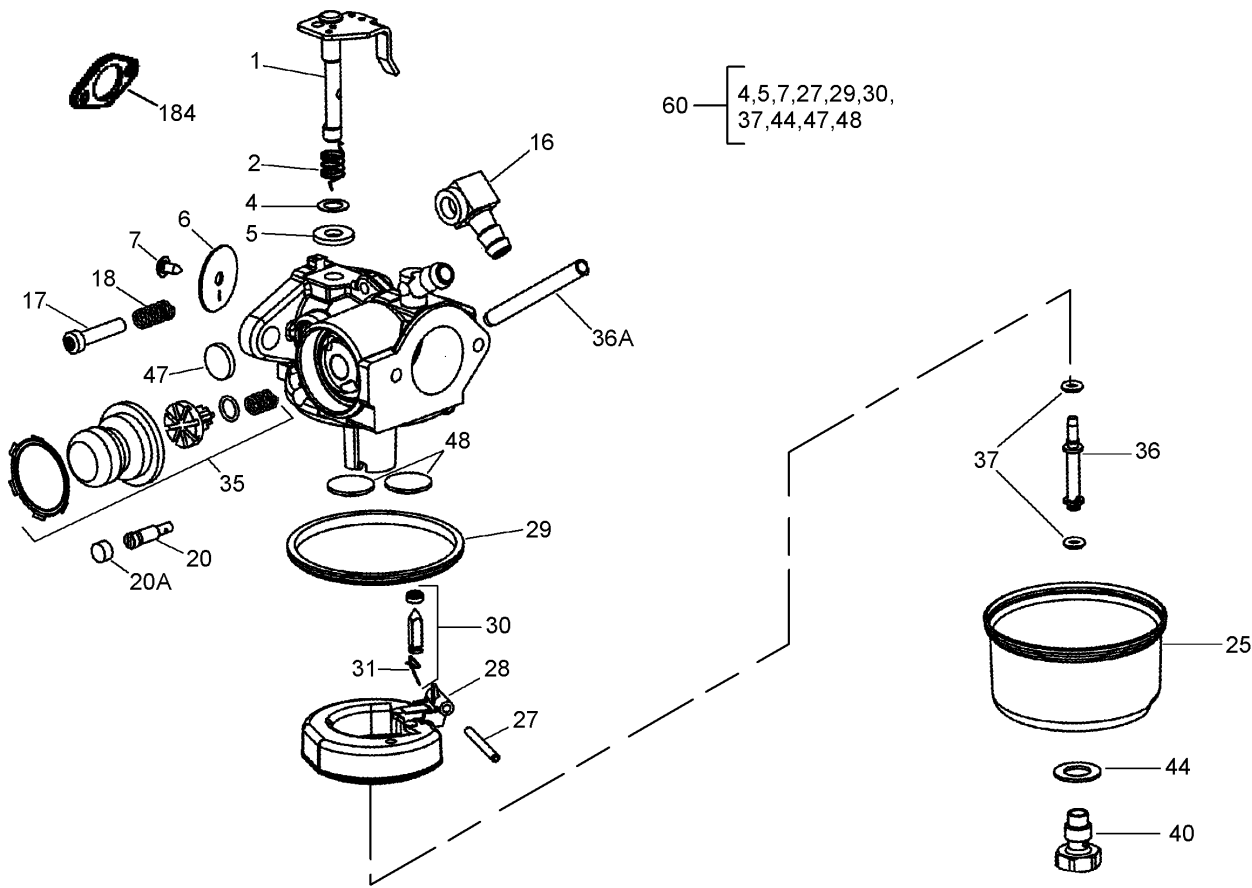
Tecumseh LV195EA-362044D



Engine Assembly No. 2

Tecumseh LV195EA-362044D

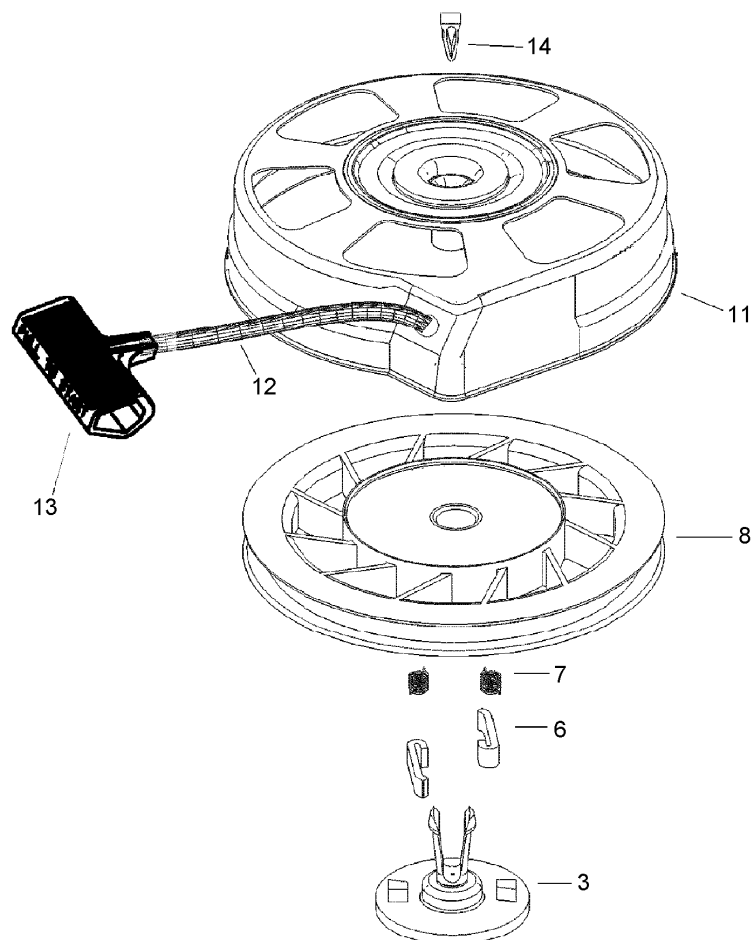
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Carburetor Assembly No. 640350
Tecumseh LV195EA-362044D

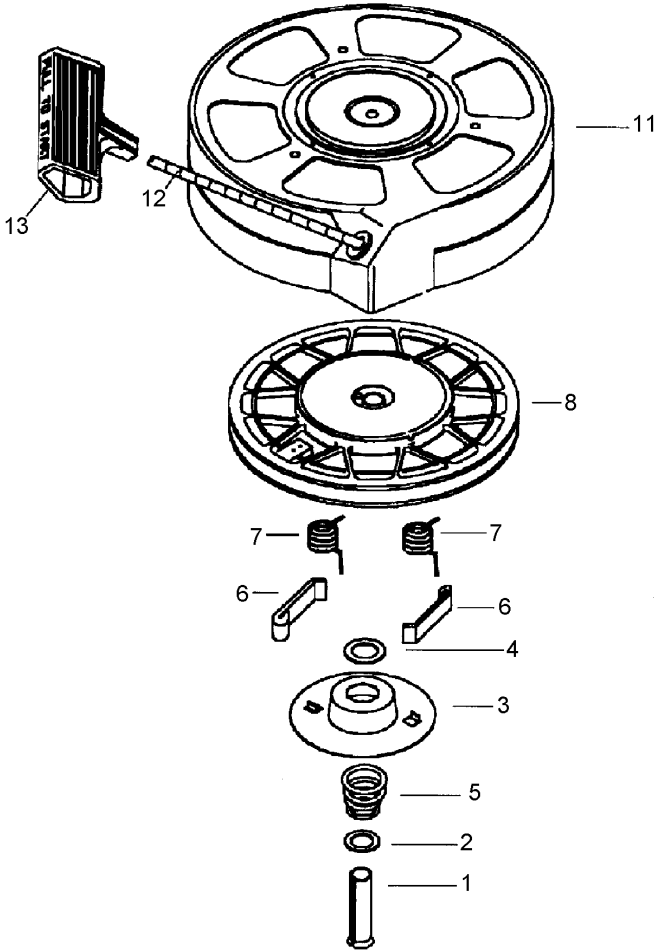
Ref	Part No.	Qty.	Description
❶1	631615	1	Throttle Shaft And Lever ASM
❷2	631767	1	Spring-Return, Throttle
❹4	631184	1	Washer-Seal, Dust
❺5	631183	1	Seal-Dust, Throttle
❻6	640070	1	Shutter-Throttle
❼7	650506	1	Screw-Shutter
❶16	631807	1	Fitting-Fuel
❶17	651025	1	Screw-Throttle Crack And Idle Speed
❶18	630766	1	Spring-Tension
❶20	640016	1	Screw-Restrictor, Idle
❶20A	640200	1	Cap-Screw, Restrictor Idle
❶25	631867	1	Bowl-Float (No Drain)
❶27	631024	1	Shaft-Float
❶28	632802	1	Float (Plastic)
❶29	631028	1	O Ring-Bowl, Float
❶30	631021A	1	Inlet Needle, Seat, And Clip ASM (Includes 31)
❶31	631022	1	Clip-Spring
❶35	640351	1	Primer Bulb And Valve Repair Kit
❶36	640080	1	Tube-Nozzle, Main
❶36A	632766	1	Tube-Carburetor
❶37	632547	2	O Ring-Nozzle Tube, Main
❶40	640030	1	Nut-Bowl, High Speed

Ref	Part No.	Qty.	Description
❶44	27110A	1	Washer-Nut, Bowl
❶47	630748	1	Plug-Welch, Idle Mixture Well
❶48	631027	2	Plug-Welch, Atmospheric Vent
❶60	632760B	1	Repair Kit (Includes 4, 5, 7, 27, 29, 30, 37, 44, 47, 48)
❶184	26756	1	Gasket



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	Rope-Starter (98 Cut To Length)				
313	590701	1	Handle-Starter (STD)				
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	Rope-Starter (98 Cut To Length)				
⓫13	590701	1	Handle-Starter (STD)				

Attachments and Accessories

For 10683 - 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
Cruise Control Kit	89919
Air Filter	89945
Spark Plug	89946
Cup Holder	89951

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