



Insight™ Lawn Mower

Model No. 10684 - 260000001 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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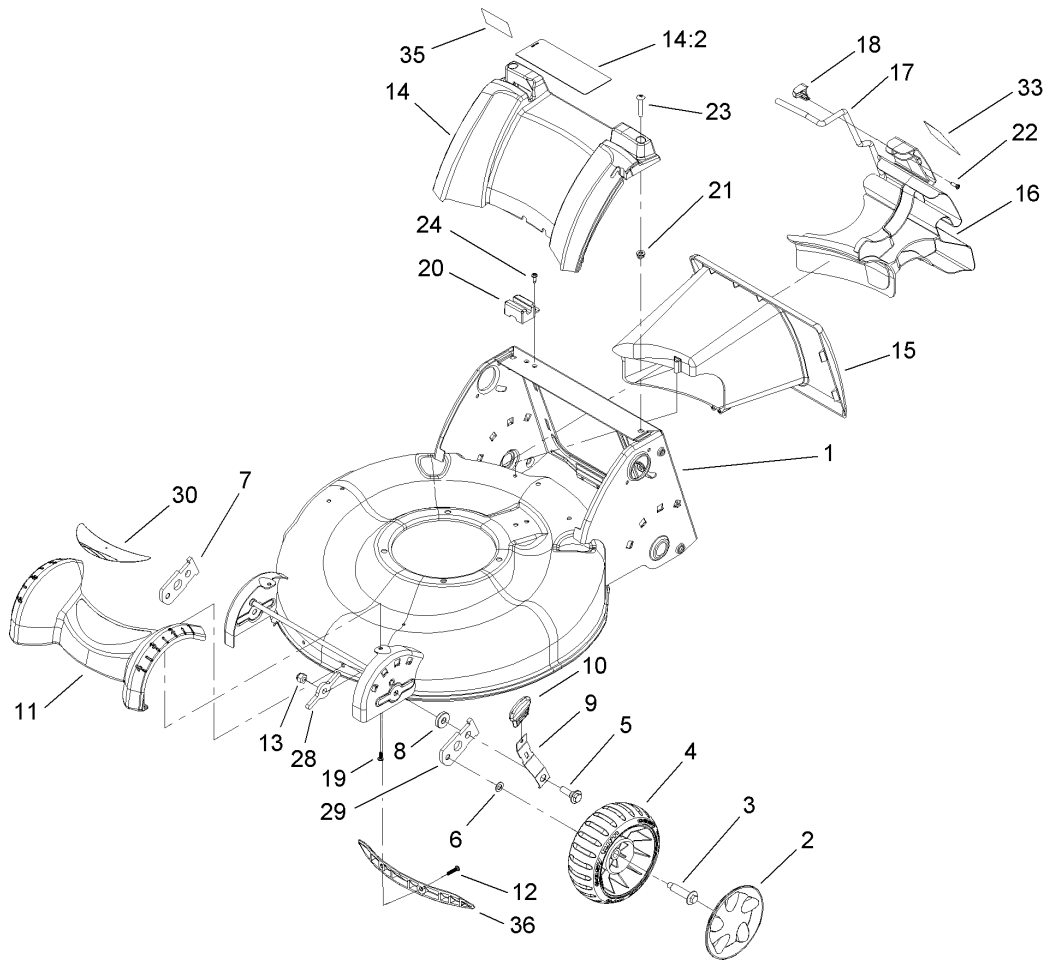
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. as required	INC. incorporated
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
HF. hex flange	PTH. phillips truss head
HH. hex head	PTO. power-take-off
HHF. hex head flange	RH. right hand
HHFTF. hex head flange thread forming	ROPS. roll-over-protection-system
HJ. hex jam	SFH. slotted fillister head
HLH. hex lag head	SHH. slotted hex head
HOC. height-of-cut	SHWH. slotted hex washer head
HSBH. hex socket button head	SPH. slotted pan head
HSFH. hex socket flat head	SQH. square head
HSH. hex socket head	SRH. slotted round head
HWH. hex washer head	STD. standard
HWHTF. hex washer head thread forming	TAP. self tapping
HYD. hydraulic	TTH. torx truss head

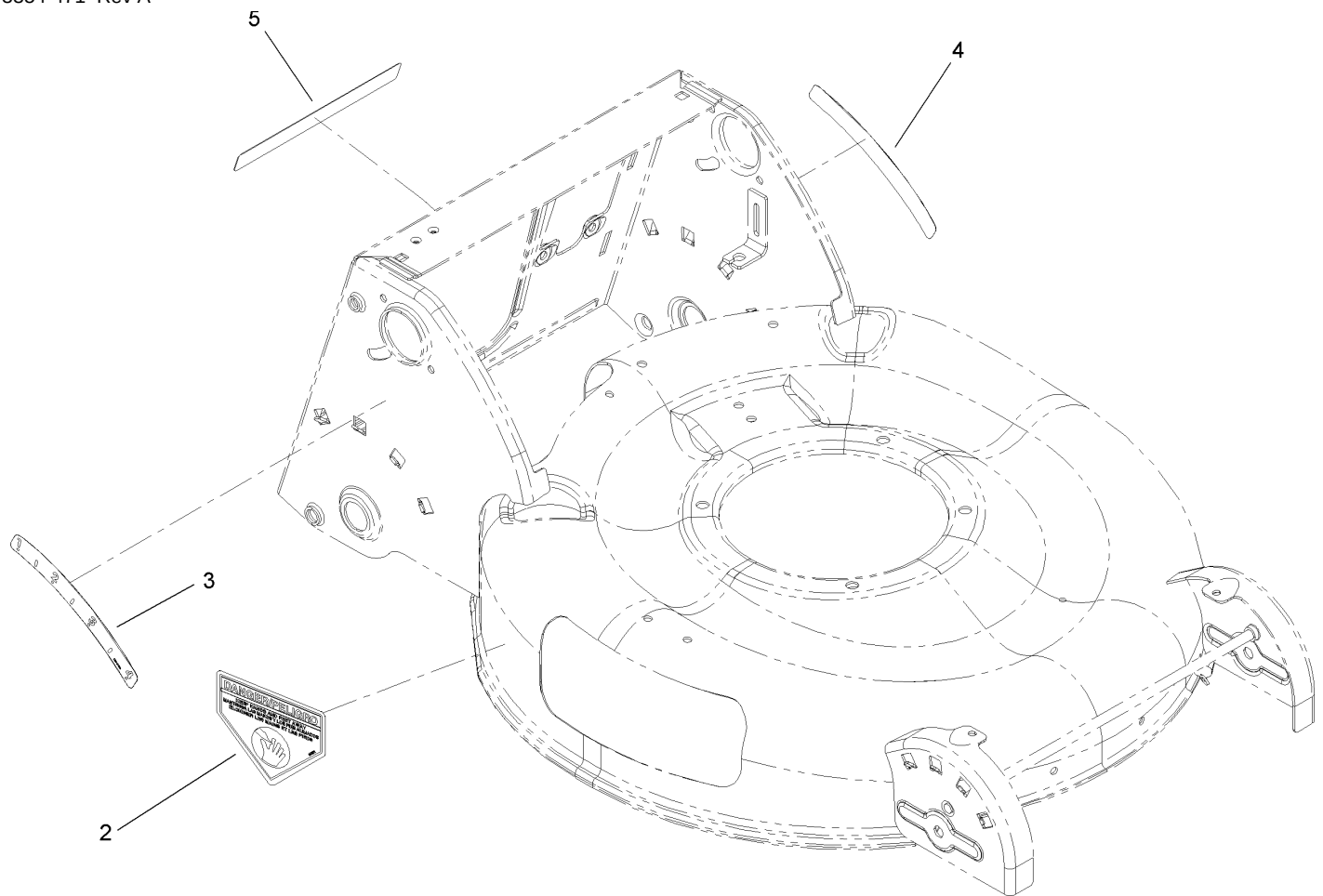
Footnotes

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

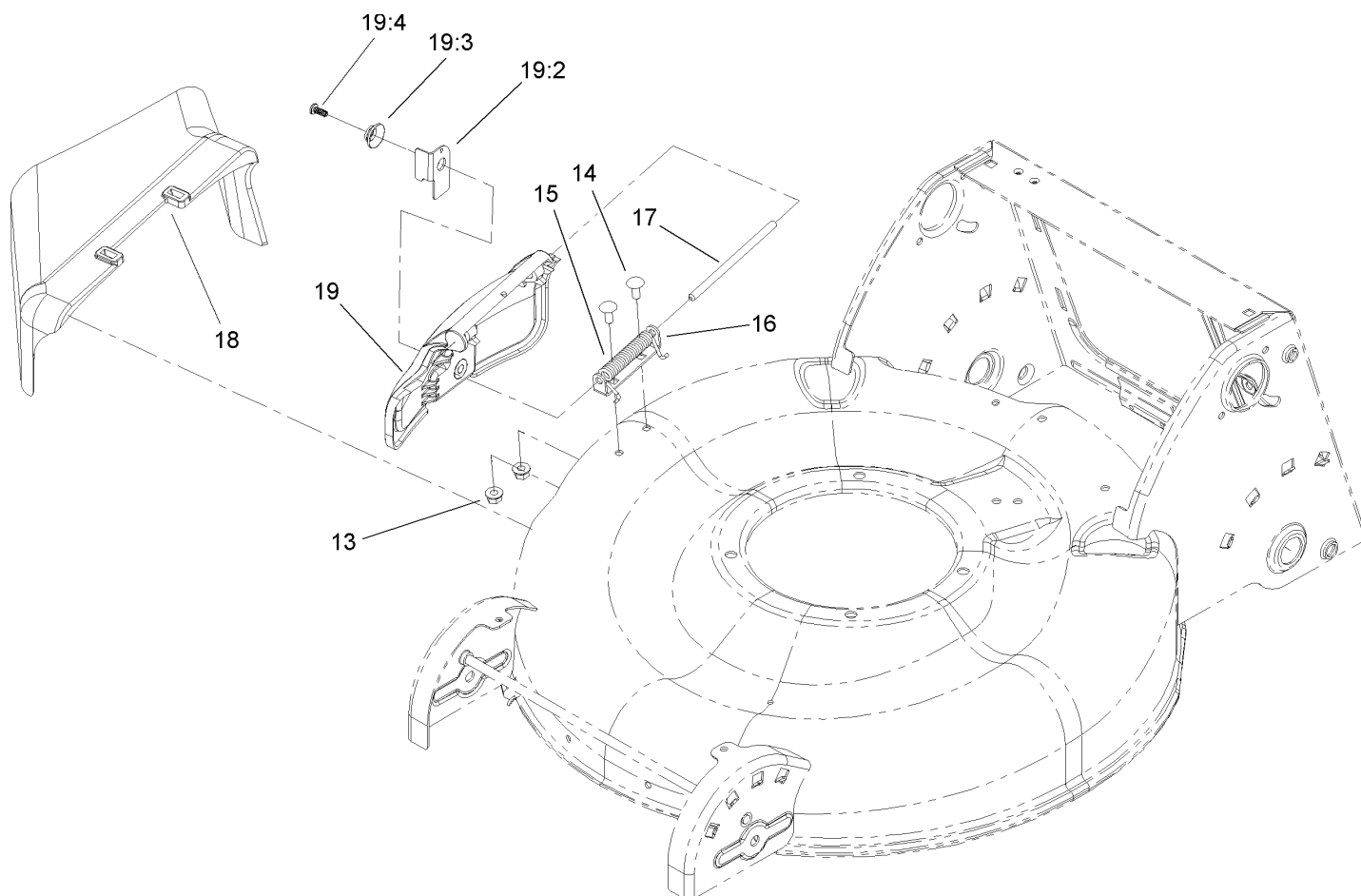


Front End and Tunnel Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	108-9346	1	Housing ASM	24	105-6849	2	Screw-Thread Forming
2	107-3886	2	Cover-Wheel, 7 Inch	28	108-1048	2	Washer-Support, Front
3	614650	2	Bolt-Shoulder	29	108-1044	1	Arm-Pivot, LH
4	107-3891	2	7 Inch 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	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				

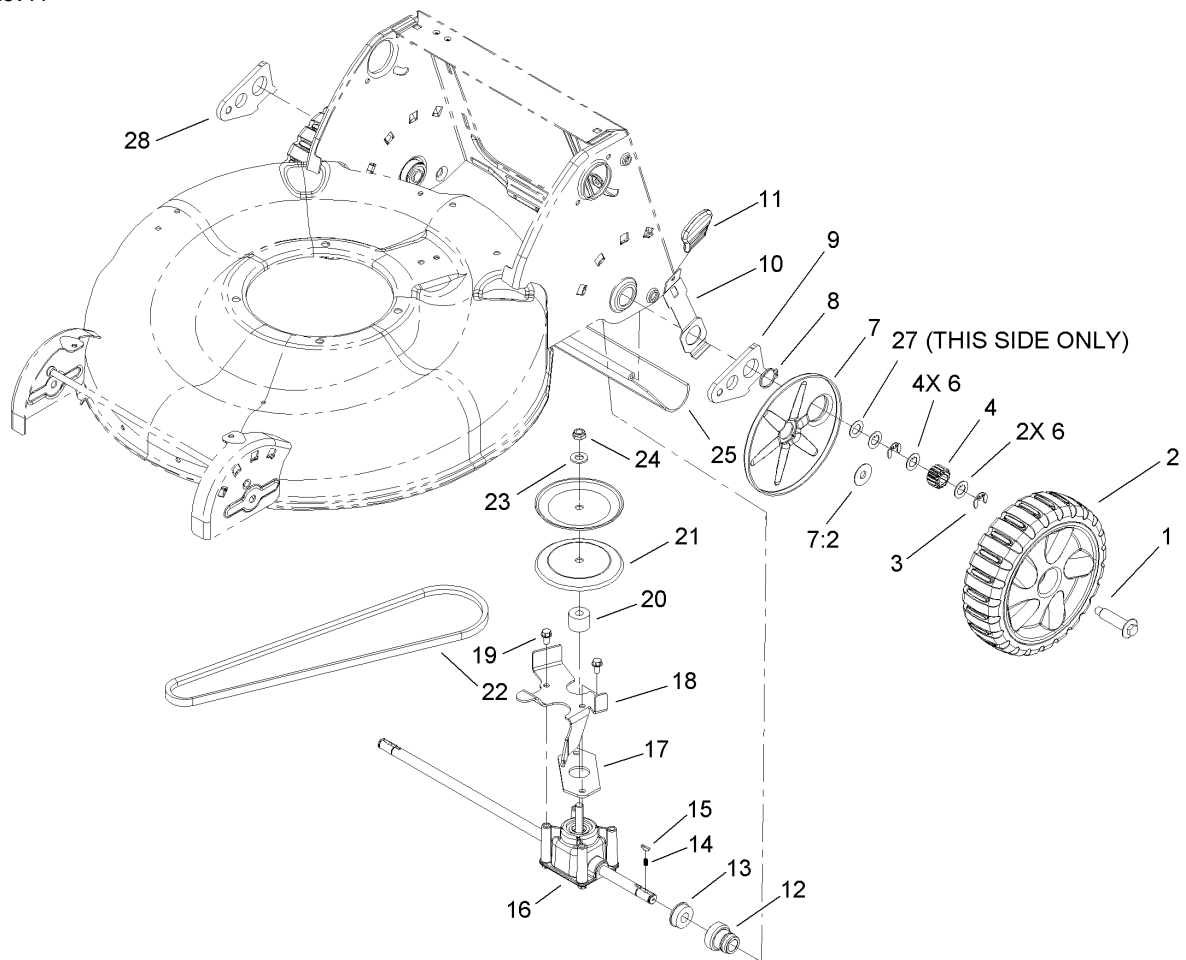
**Housing Assembly No. 108-9346**

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



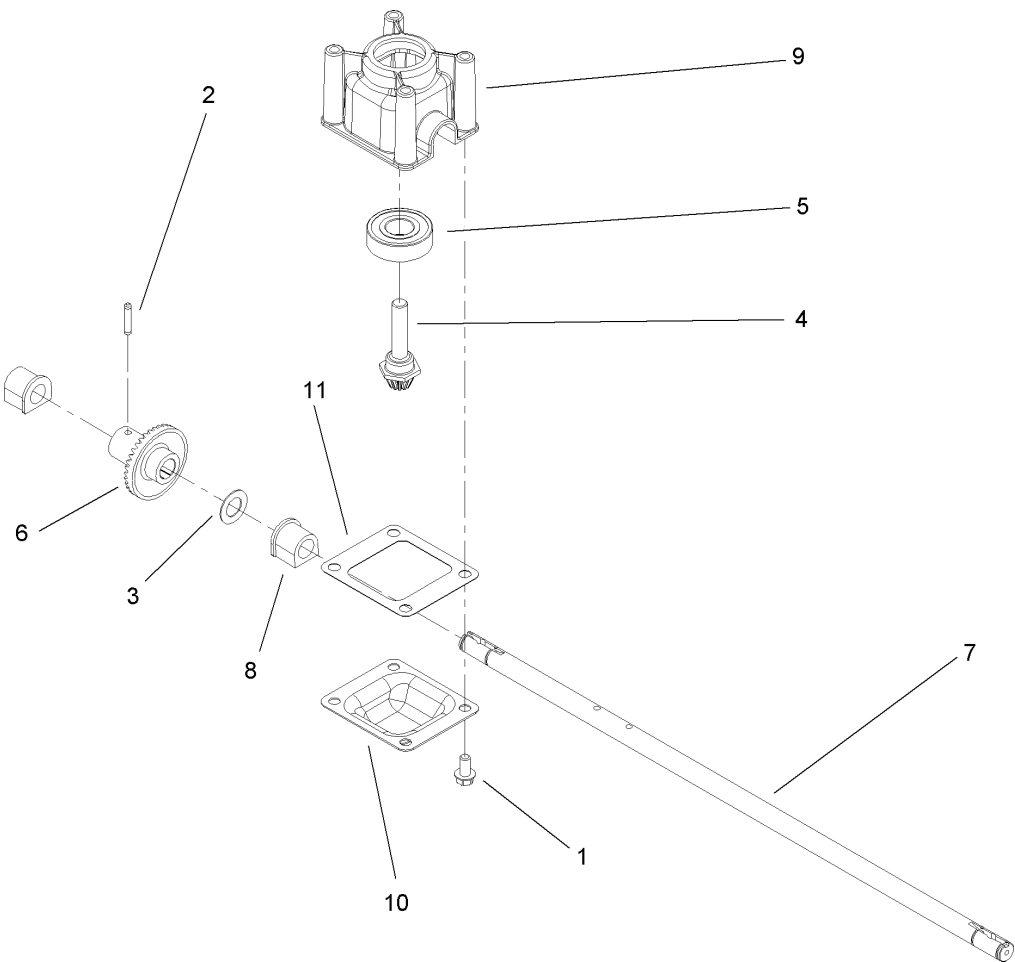
Side Discharge Assembly

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				



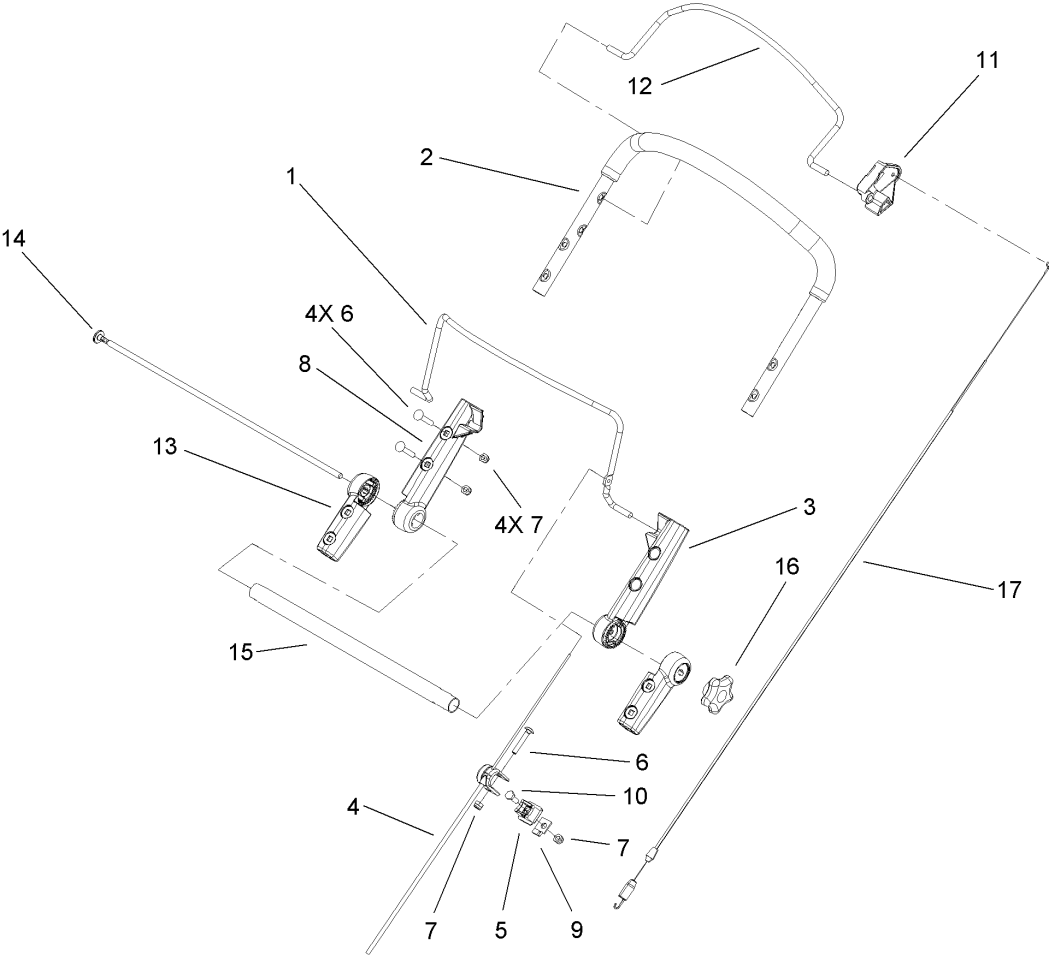
Rear Axle and Transmisssion Assembly

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	107-3904	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				
7	108-7505	2	Wheel Cover ASM				
10	7:1	1	Cover-Wheel				
7:2	614426	1	Washer-Stepped				
8	32151-36	2	Ring-Retaining				
9	108-9344	1	Arm-Rear Pivot, LH				
10	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	108-9756	1	Gasket-Gearbox				
18	107-3921-03	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				



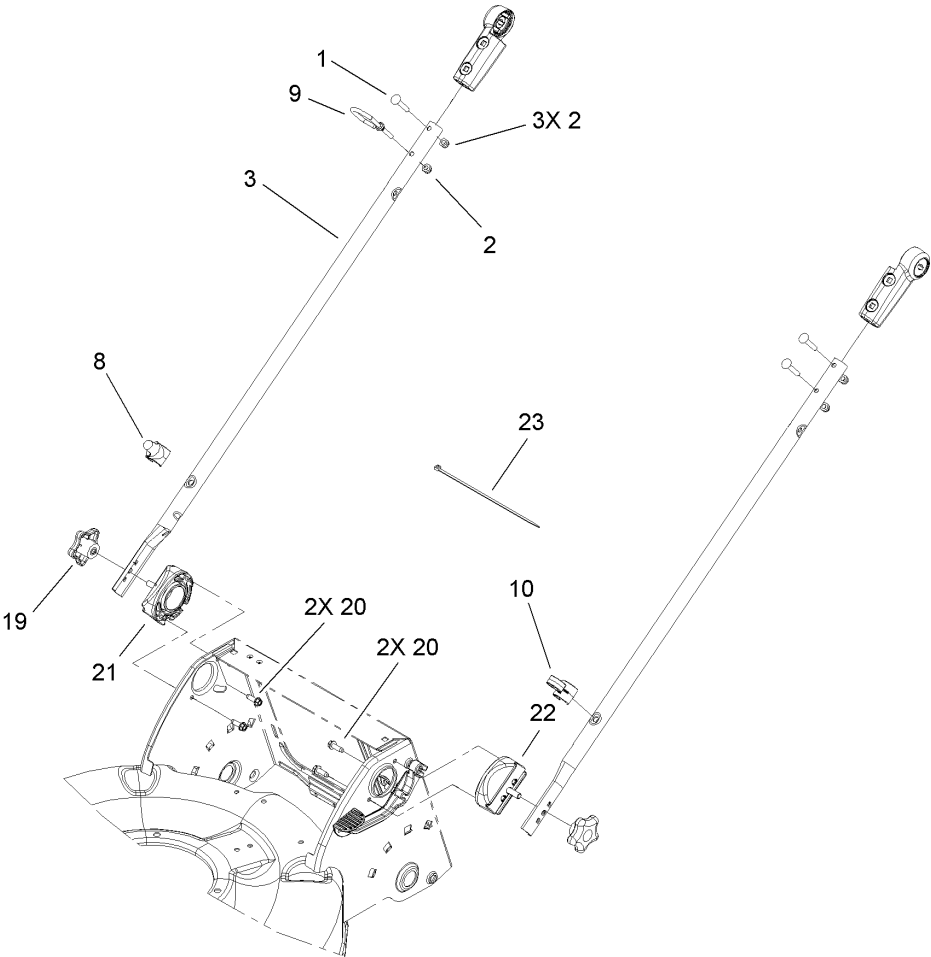
Transmission Assembly No. 107-3860

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				



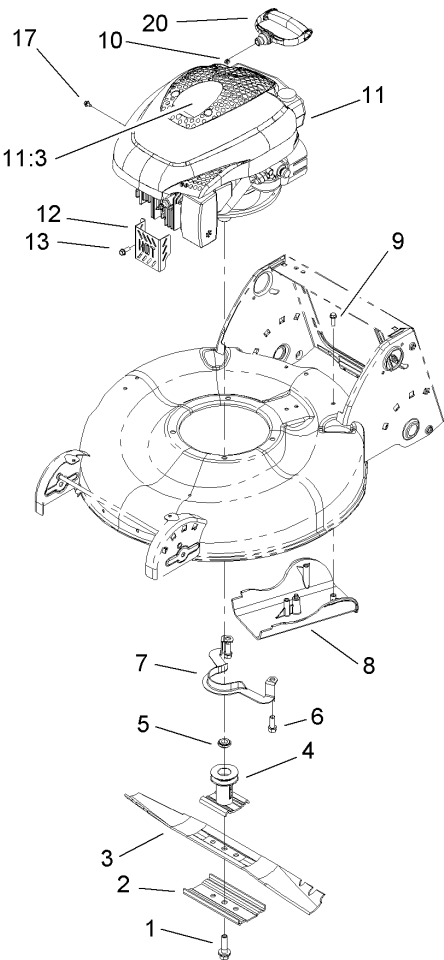
Upper Handle Assembly

Ref	Part No.	Qty.	Description				
1	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	6	Nut-Lock, NI				
8	108-1031	1	Mount-Handle, RH				
9	62-3720	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				



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				

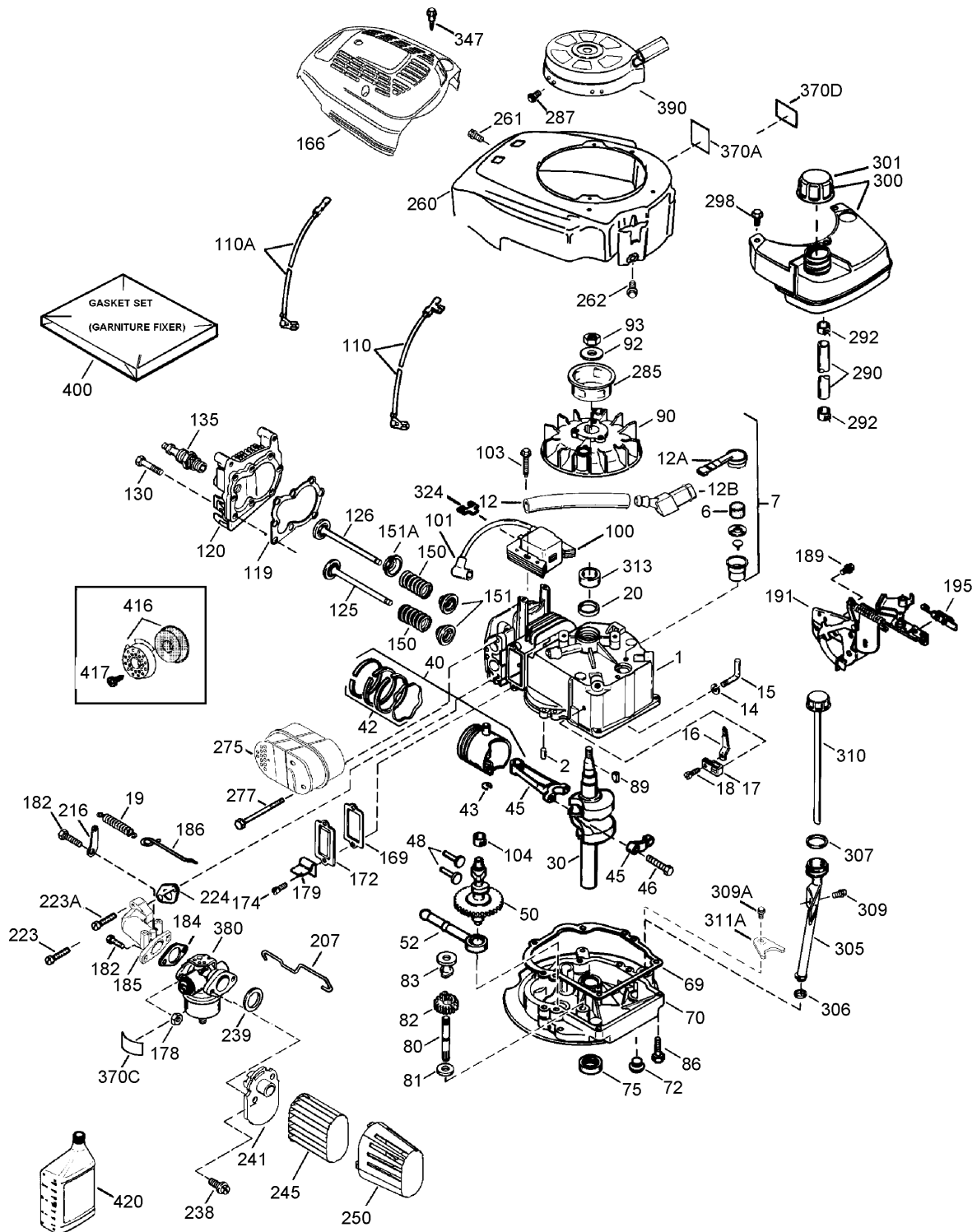


Blade and Engine Assembly

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	106-8346-03	1	Guard-Muffler				
13	32144-85	1	Screw-HWH				
17	98-1394	1	Screw-HWH				
20	110-1778	1	Handle-Recoil				

Engine Assembly

Tecumseh LV195EA-362044D



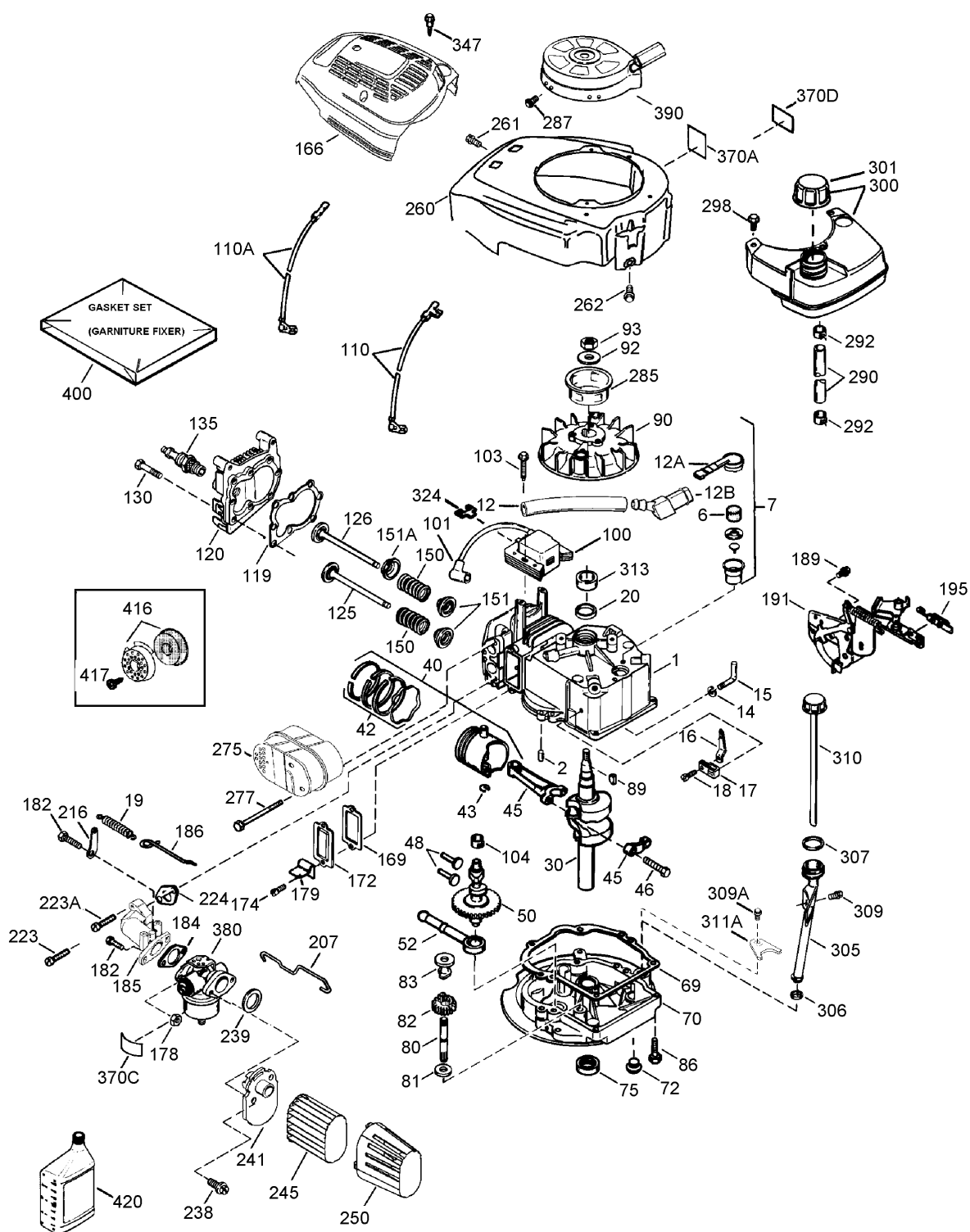
Engine Assembly

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 (5/16-18 X 1-7/16)
❶2	26727	2	Pin-Dowel	❶135	35395	1	Spark Plug-Resistor (Rj19Lm)
❶6	33734	1	Element-Breather	❶150	31672	2	Spring-Valve
❶7	36557	1	Breather ASM (Includes 6, 12A)	❶151	31673	2	Cap-Spring, Valve
❶12	37944	1	Tube-Breather	❶151A	40017	1	Seal-Valve, Intake
❶12A	36558	1	Breather Cover And Tube ASM (Includes 12B)	❶166	37813A	1	Engine Shroud (Green)
❶12B	36694	1	Elbow-Tube, Breather	❶169	36783	1	Gasket-Cover, Valve
❶14	28277	1	Washer	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 ASM (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 (Carburetor To Intake Pipe)
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, Rpm
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-Air Cleaner
❶72	37614	1	Plug-Drain, Oil	❶241	36919	1	Collar-Air Cleaner
❶75	27897	1	Seal-Oil	❶245	36905	1	Filter-Air Cleaner
❶80	30574A	1	Shaft-Governor	❶250	37122	1	Cover-Air Cleaner
❶81	30590A	1	Washer	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
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	Fuel Cap ASM
❶110	37047	1	Wire-Ground	❶305	35647A	1	Tube-Fill, Oil
❶110A	611227	1	Ground Wire	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)

Engine Assembly (continued)

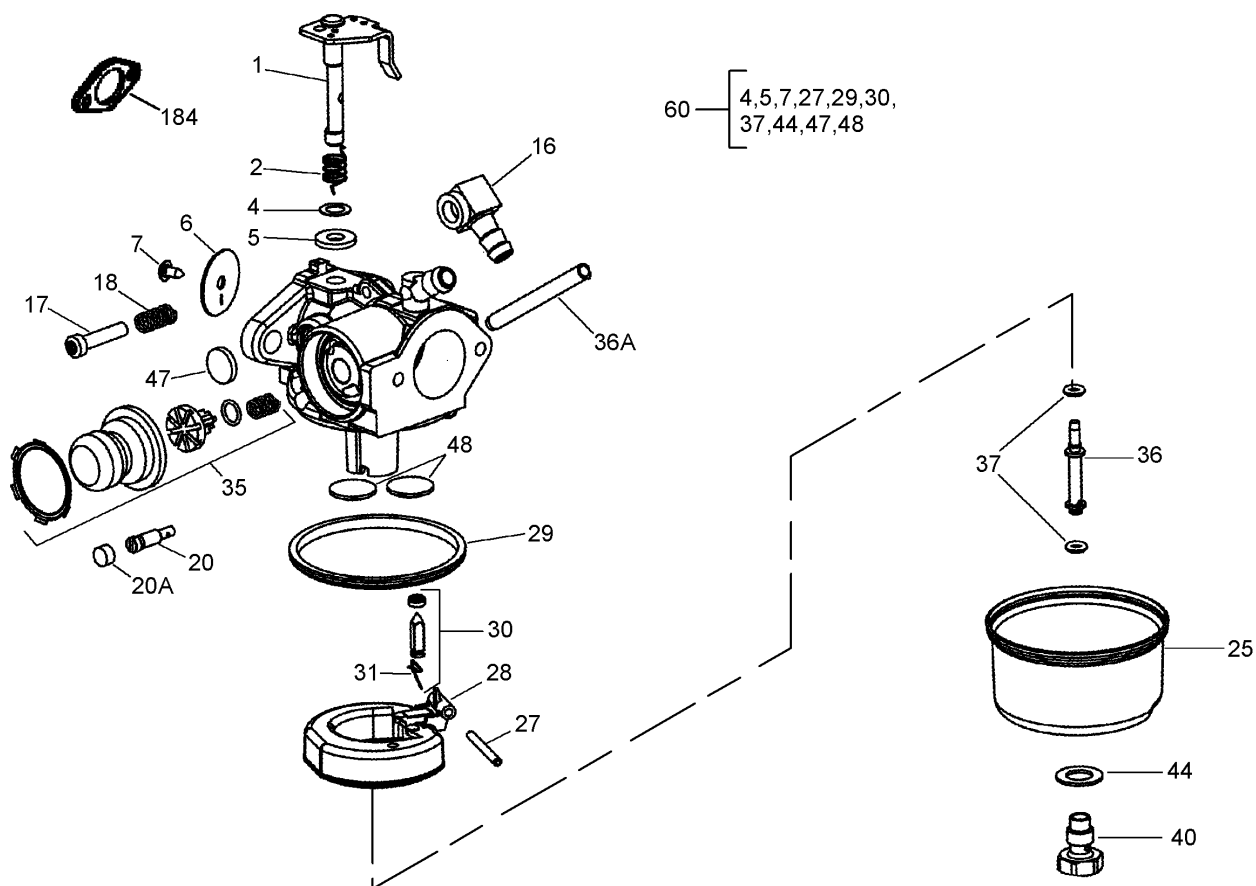
Tecumseh LV195EA-362044D



Engine Assembly (continued)

Tecumseh LV195EA-362044D

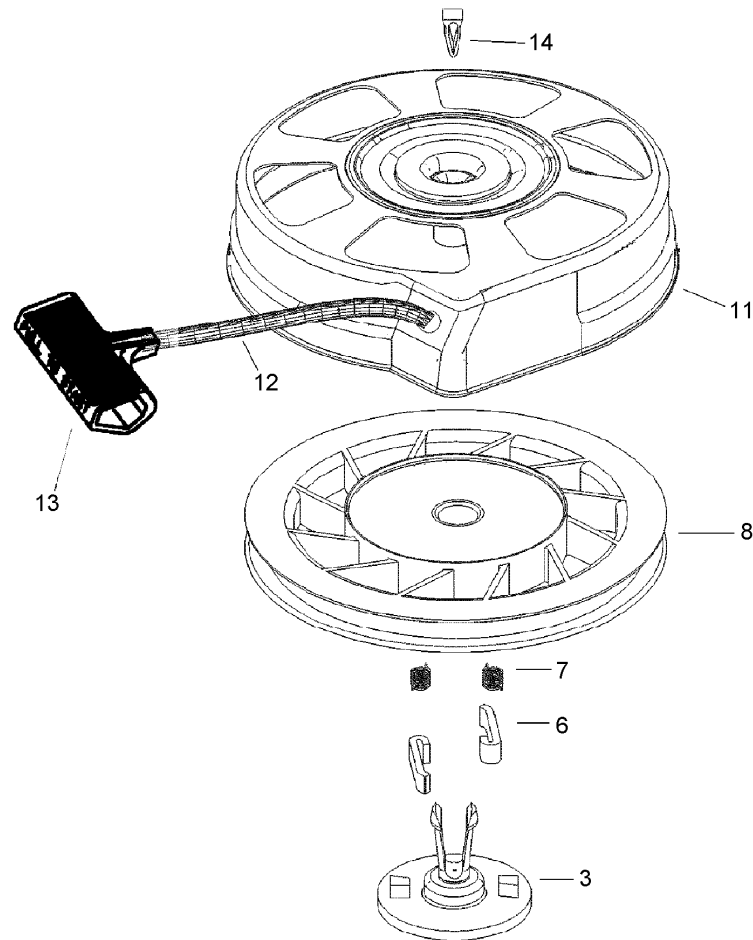
Ref	Part No.	Qty.	Description
③370C	37695	1	Decal-Primer
③370D	35977	1	Decal-Warning
③380	640350	1	Carburetor ASM (Includes 184)
③390	590739	1	Starter-Rewind (Note: This Engine Could Have Been Built With Starter 590702)
③400	37613A	1	Gasket Set (Includes 69, 119, 169, 184, 224, 239, 306)
③416	37530	1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



Carburetor Assembly No. 640350 Tecumseh LV195EA-362044D

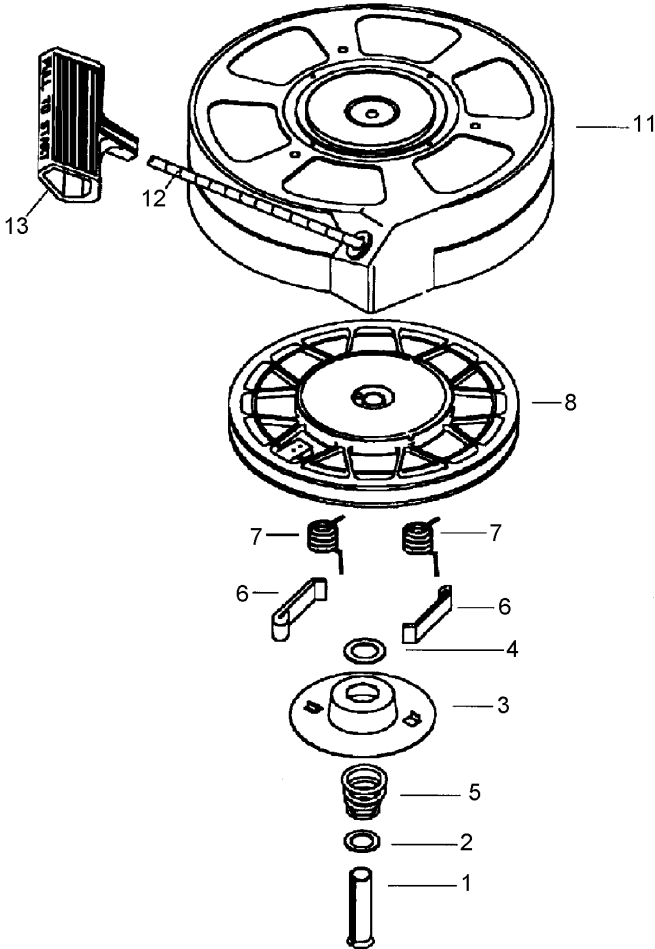
Ref	Part No.	Qty.	Description
❶	631615	1	Throttle Shaft And Lever ASM
❷	631767	1	Spring-Return, Throttle
❸	631184	1	Washer-Seal, Dust
❹	631183	1	Seal-Dust, Throttle
❺	640070	1	Shutter-Throttle
❻	650506	1	Screw-Shutter
❼	631807	1	Fitting-Fuel
❽	651025	1	Screw-Throttle/Idle Speed
❾	630766	1	Spring-Tension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

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



Recoil Starter Assembly No. 590739
Tecumseh LV195EA-362044D

Ref	Part No.	Qty.	Description				
3	590740	1	Retainer				
6	590616	2	Dog-Starter				
7	590617	2	Spring-Dog				
8	590618A	1	Pulley And Rewind Spring ASM				
11	590638A	1	Starter Housing ASM (40 Degree Grommet)				
12	590535	1	Rope-Starter (98In X 9/64In Diameter)				
13	590701	1	Handle-Starter				
14	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 (98In X 9/64In Diameter)				
⓫13	590701	1	Handle-Starter				

Attachments and Accessories

For 10684 - Insight Lawn Mower

Product Name	Model/Part
Lawn Boy Paint	110-8800
Height-Of-Cut Kit	110-8801
Loose Parts Kit	112-1526
Replacement Bag	89815
Rear Bag Kit	89913
21 Inch Blade	89914
Air Filter	89945
Spark Plug	89946

