Form Number 3358-687 Rev A

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.

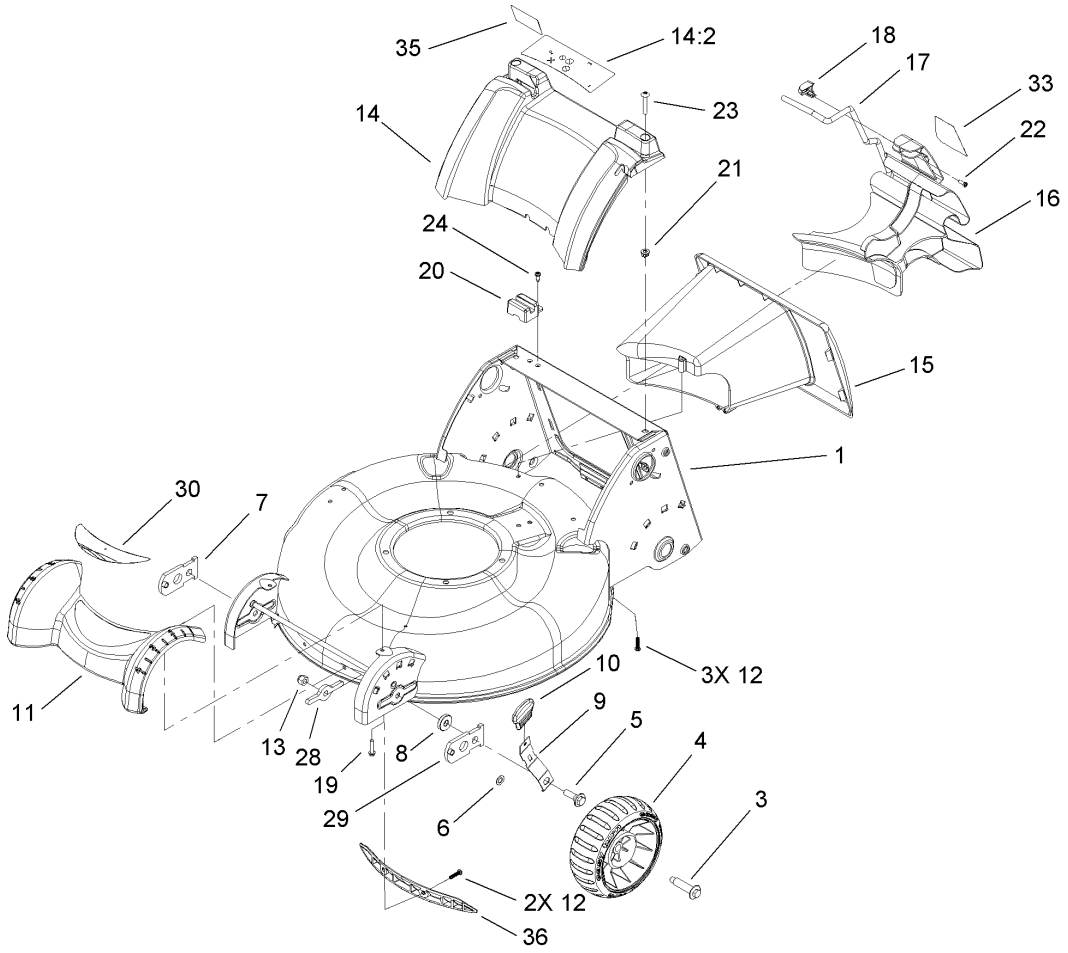
AR	as required
ASM	assembly
BBC	blade brake clutch
CARR	carriage
DEG	degrees
EXT	external
FH	flat head
GA	gauge
HD	heavy-duty
HF	hex flange
HH	hex head
HHF	hex head flange
HHFTF	hex head flange thread forming
HJ	hex jam
HLH	hex lag head
HOC	height-of-cut
HSBH	hex socket button head
HSFH	hex socket flat 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

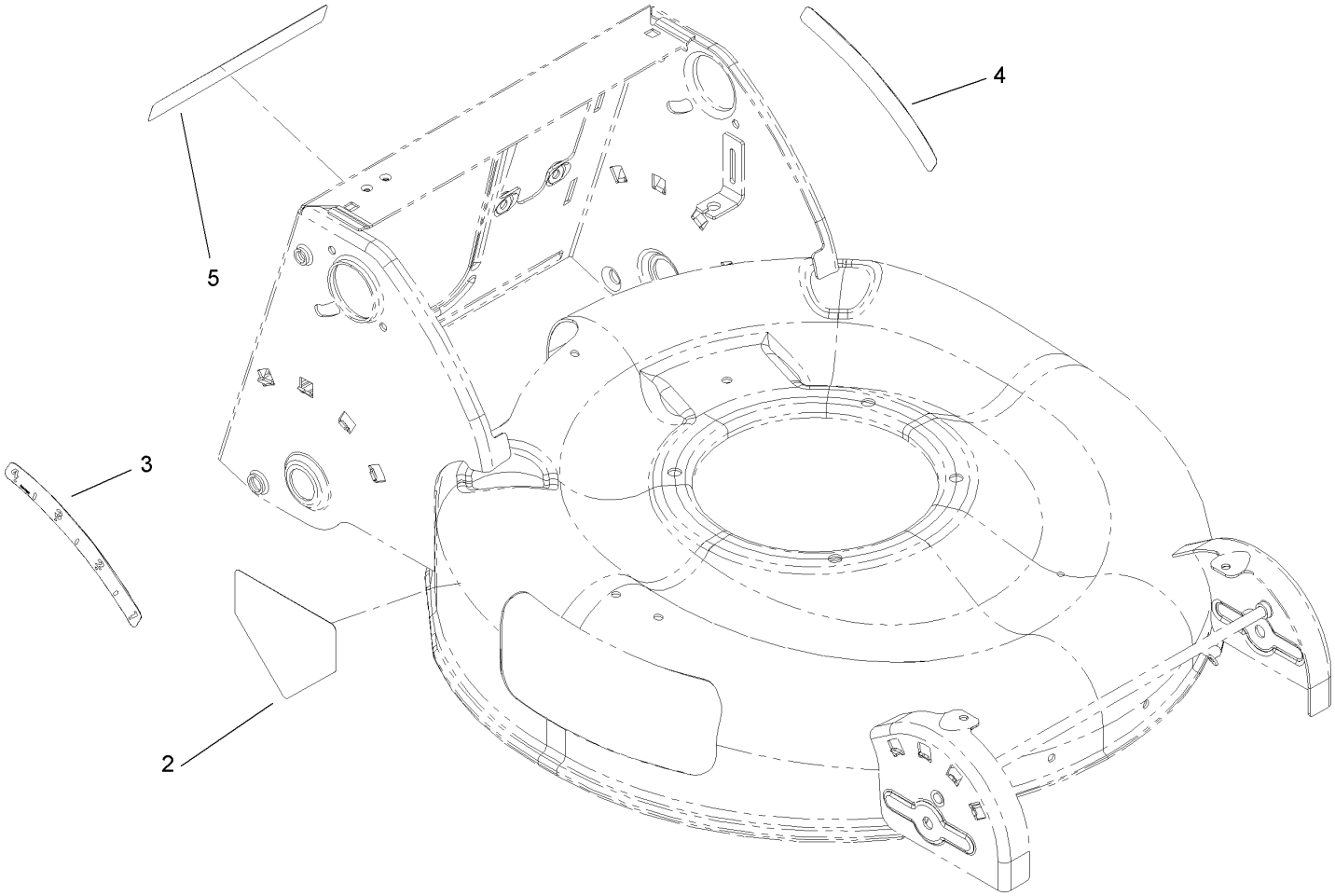
❸ Obtain from your local Tecumseh dealer



Front End and Tunnel Assembly

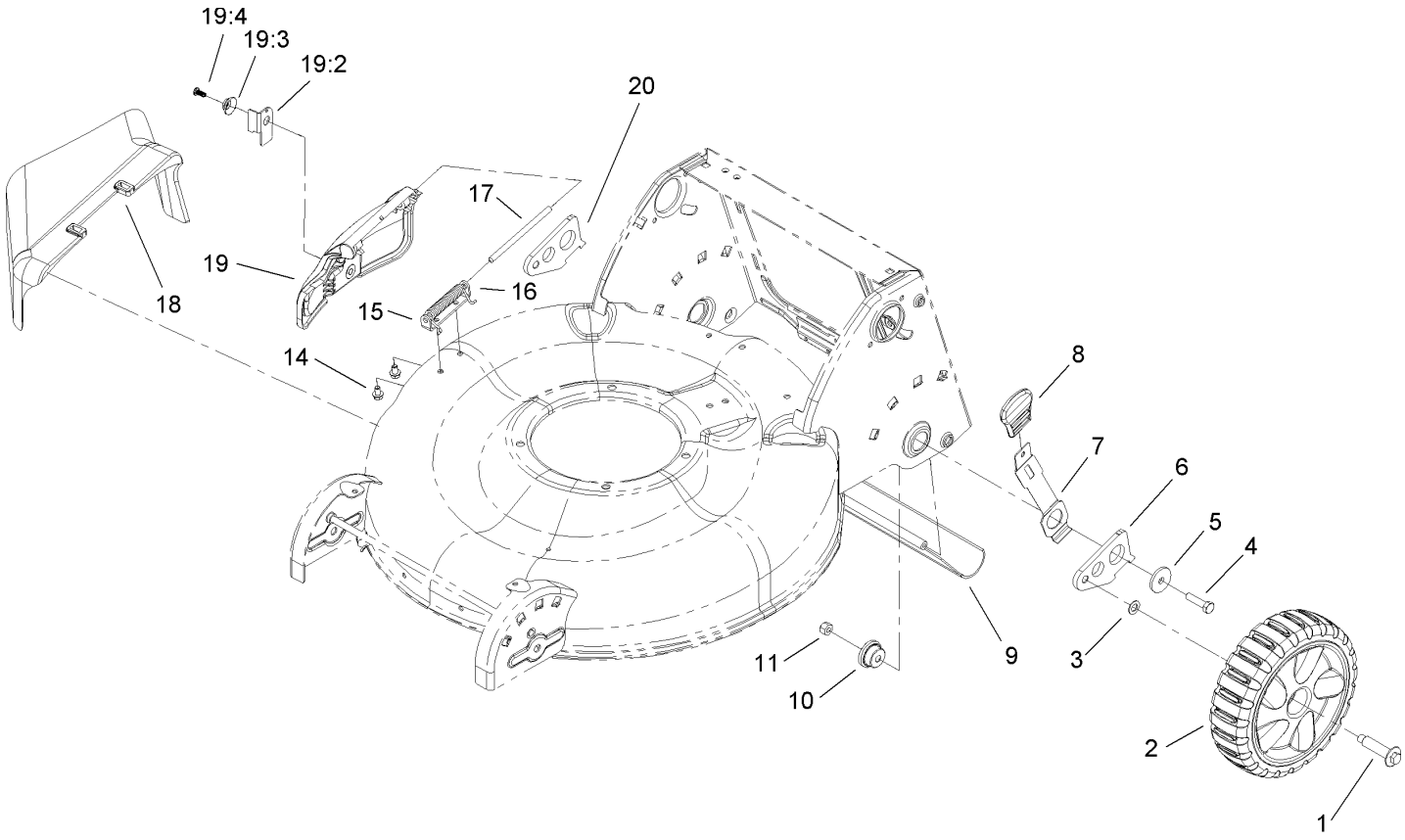
Ref	Part No.	Qty.	Description
1	108-9345	1	Housing ASM
3	614650	2	Bolt-Shoulder
4	112-1548	2	7 Inch Front Wheel ASM
5	614672	2	Bolt-Shoulder
6	40-1940	2	Washer
7	107-3877	1	Arm-Pivot, RH
8	92-4890	2	Washer
9	107-3878	2	Arm-Spring
10	107-1904	2	Knob-Lever, HOC
11	107-3926	1	Cover-Front
12	108-7476	5	Screw-Plastite
13	3296-39	2	Nut-Lock, NI
14	108-9349	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

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	108-7461	1	Decal
35	107-1938	1	Decal-Bag Attachment
36	108-7502	1	Insert-Housing
❶39	110-1751	1	Mulch Plug ASM



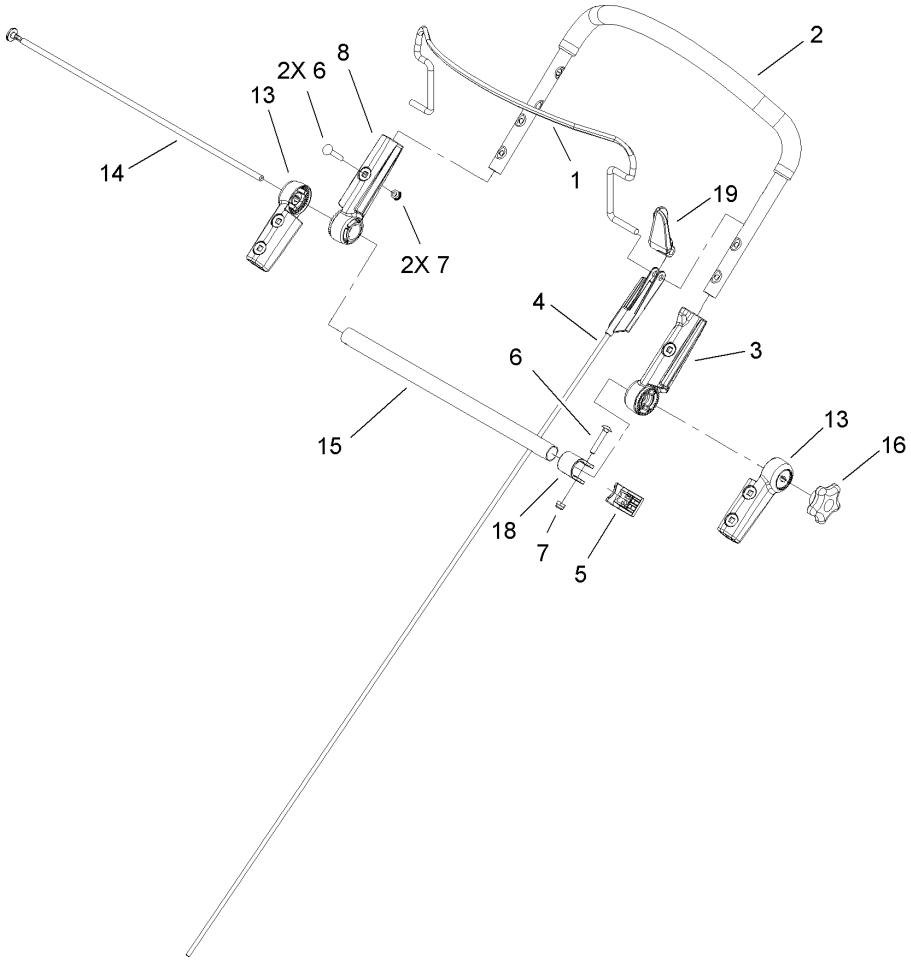
Housing Assembly No. 108-9345

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



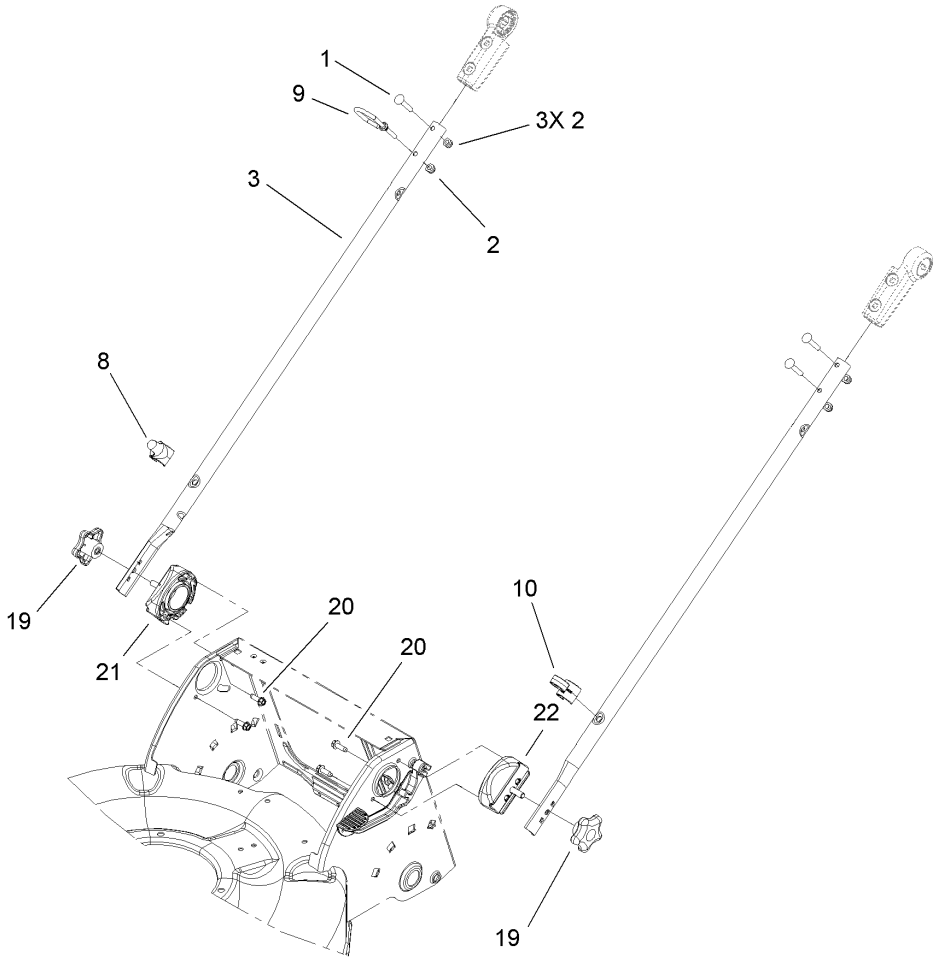
Rear End Assembly

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



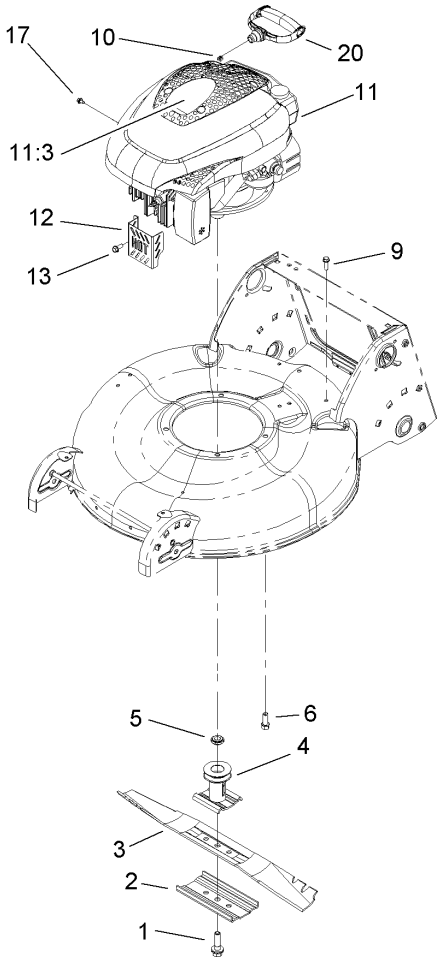
Upper Handle Assembly

Ref	Part No.	Qty.	Description
1	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



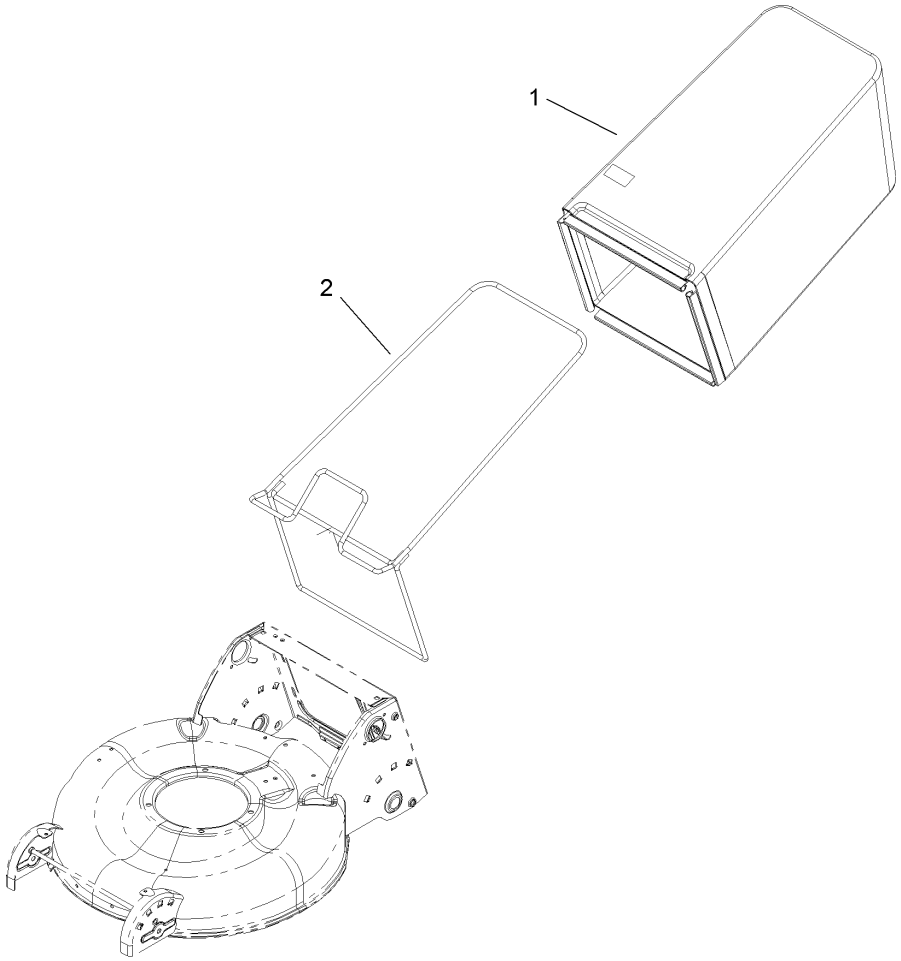
Lower Handle Assembly

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

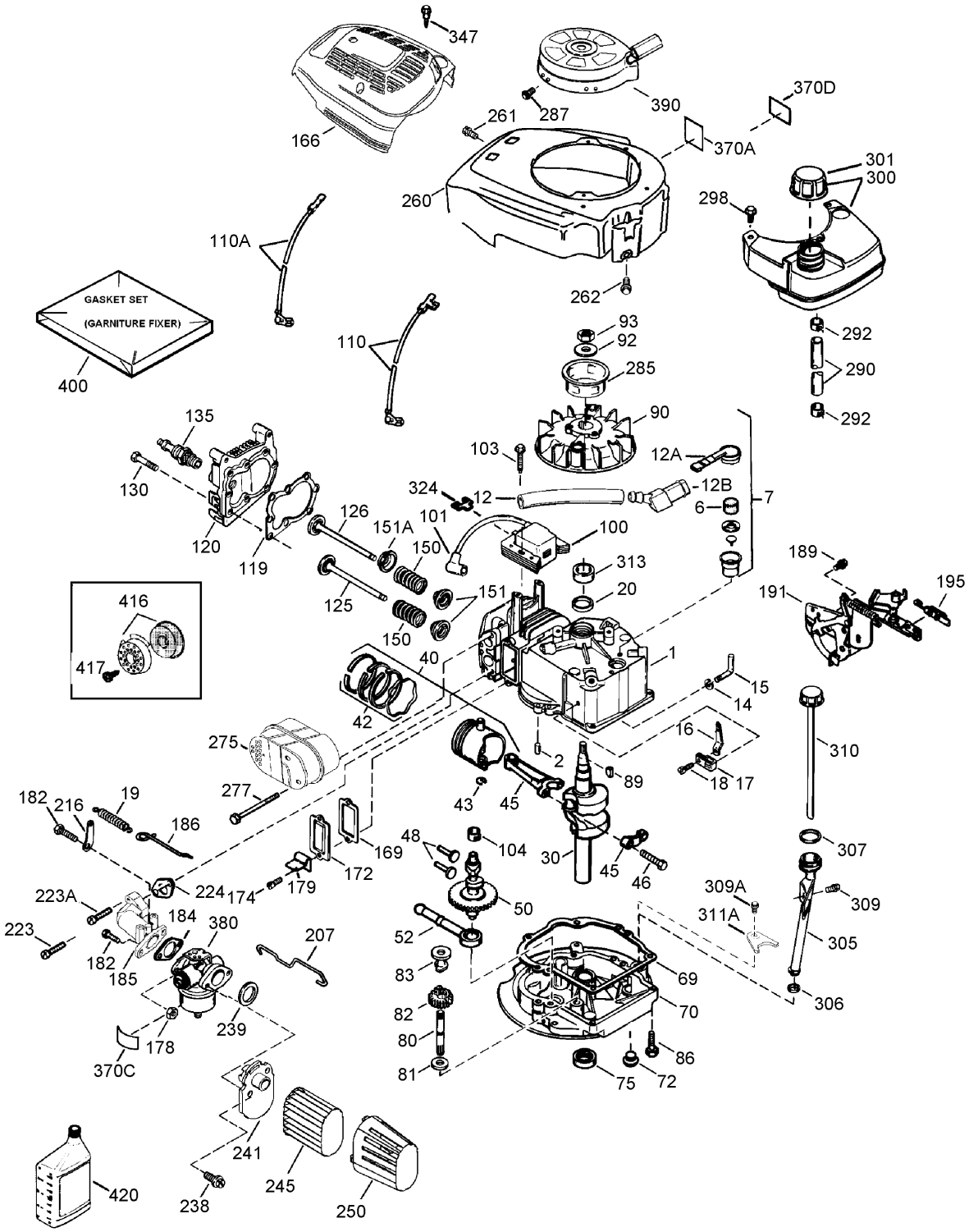
Ref	Part No.	Qty.	Description
1	105-8579	1	Bolt-Blade
2	108-3766-03	1	Support-Blade
3	108-0954-03	1	Blade-21 Inch
4	106-3987	1	Blade Driver ASM
5	106-3999	1	Spacer-Driver
6	92-1624	3	Screw
9	46-8091	3	Screw-HWH
10	92-1701	1	Stop-Rope
❷❸11		1	Engine-Tecumseh, Lv195Ea-362044D
11:3	108-7452	1	Decal-Recoil
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

Engine Assembly No. 1
Tecumseh LV195EA-362044D

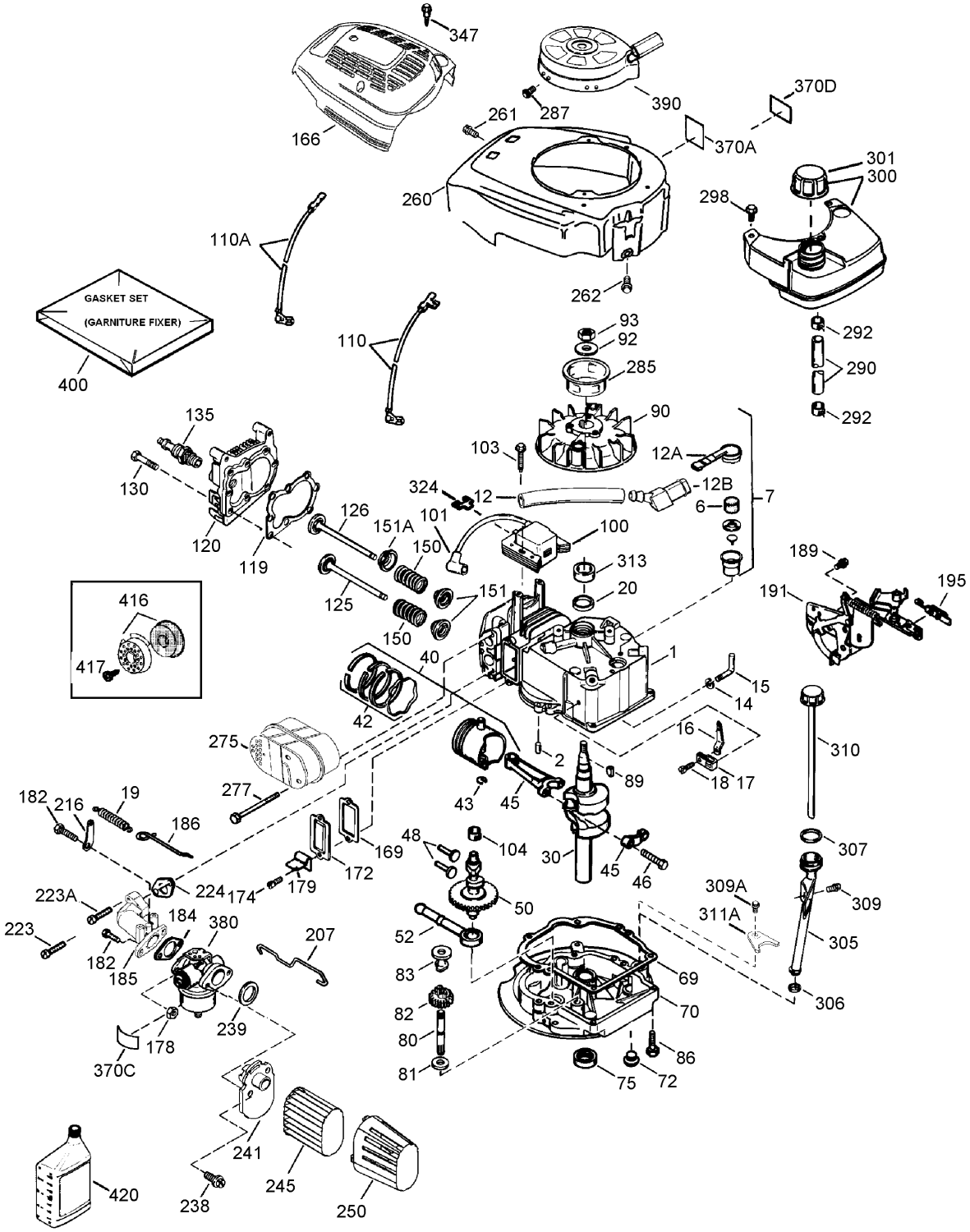


Engine Assembly No. 1
Tecumseh LV195EA-362044D

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-Flat
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 ASM
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)

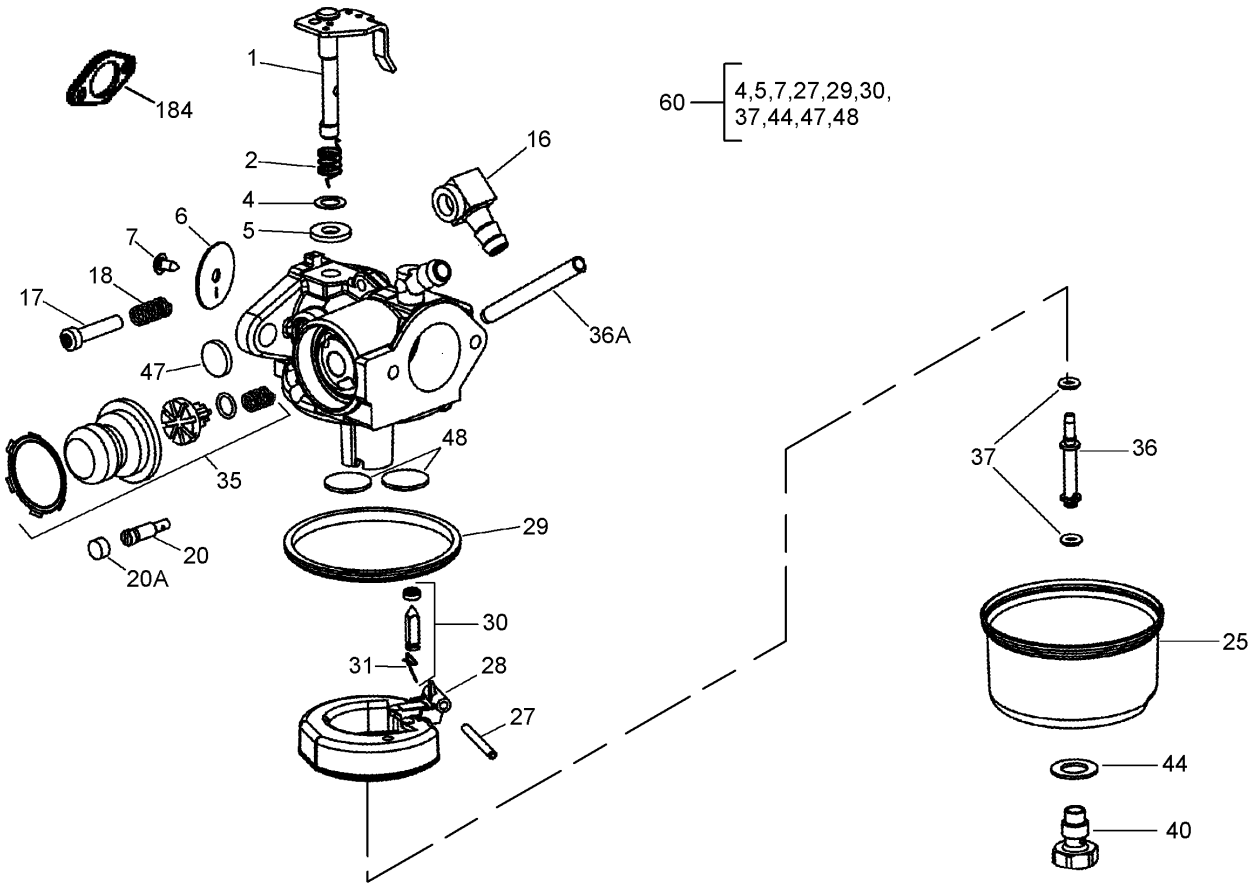
Ref	Part No.	Qty.	Description
❸130	6021A	8	Screw (5/16-18X1-1/2)
❸135	35395	1	Spark Plug-Resistor (R J19 L M)
❸150	31672	2	Spring-Valve
❸151	31673	2	Cap-Valve, Spring
❸151A	40017	1	Seal-Valve, Intake
❸166	37813A	1	Shroud-Engine (Green)
❸169	36783	1	Gasket-Cover, Valve
❸172	36784	1	Cover-Valve
❸174	30200	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
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-Cleaner, Air
❸241	36919	1	Collar-Cleaner, Air
❸245	36905	1	Filter-Cleaner, Air (Paper)
❸250	37122	1	Cover-Cleaner, Air
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

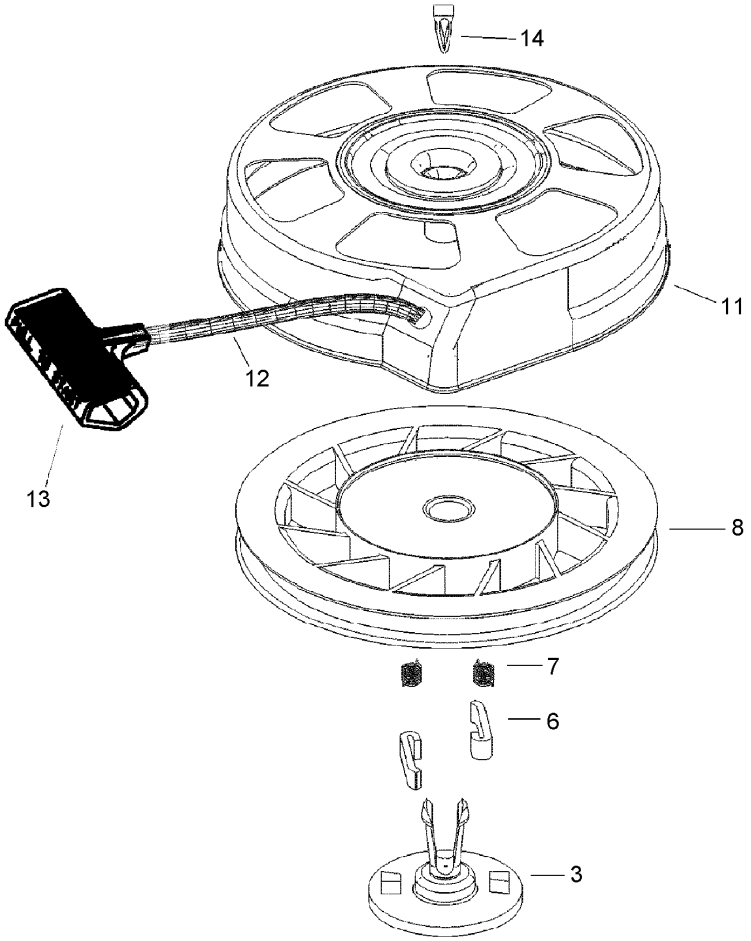
Ref	Part No.	Qty.	Description
❸370C	37695	1	Decal-Primer
❸370D	35977	1	Decal-Warning
❸380	640350	1	Carburetor ASM (Includes 184)
❸390	590739	1	Starter-Rewind (Note: This Engine Could Have Been Built With Starter 590702)
❸400	37613A	1	Gasket Set (Includes 69, 119, 169, 184, 224, 239, 306)
❸416	37530	1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



Carburetor Assembly No. 640350
Tecumseh LV195EA-362044D

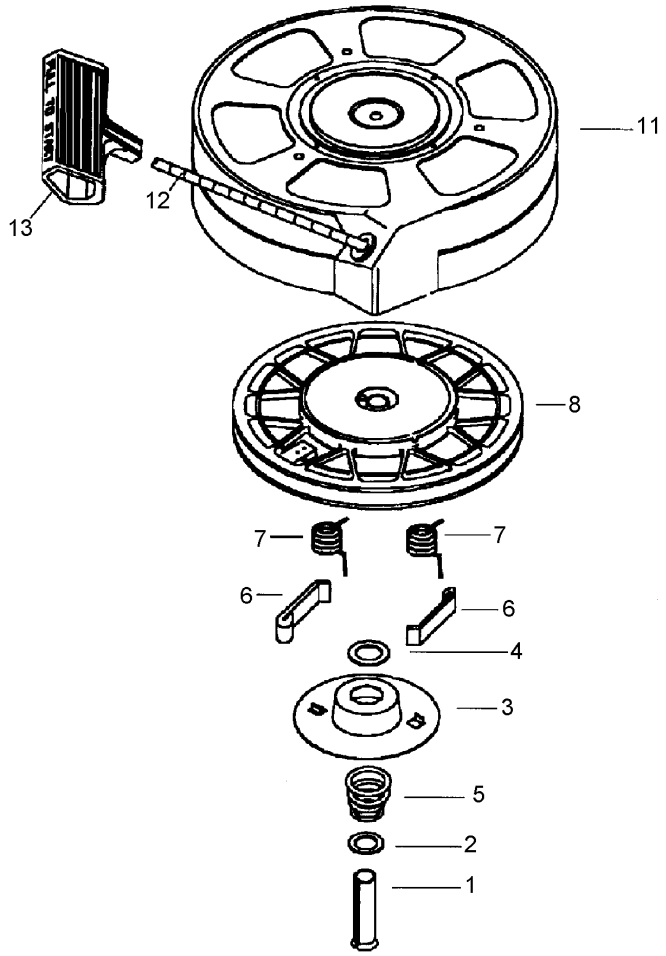
Ref	Part No.	Qty.	Description
❸1	631615	1	Throttle Shaft And Lever ASM
❸2	631767	1	Spring-Return, Throttle
❸4	631184	1	Washer-Seal, Dust
❸5	631183	1	Seal-Dust, Throttle
❸6	640070	1	Shutter-Throttle
❸7	650506	1	Screw-Shutter
❸16	631807	1	Fitting-Fuel
❸17	651025	1	Screw-Throttle Crack And Idle Speed
❸18	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 And 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

Ref	Part No.	Qty.	Description
❸44	27110A	1	Washer-Nut, Bowl
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



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	Rope-Starter (98 Cut To Length)
❸13	590701	1	Handle-Starter (STD)
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	Rope-Starter (98 Cut To Length)
❸13	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

NOTES

NOTES


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