Form Number 3354-479 Rev A

Insight™ Lawn Mower

Model No. 10685 - 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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Contents

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

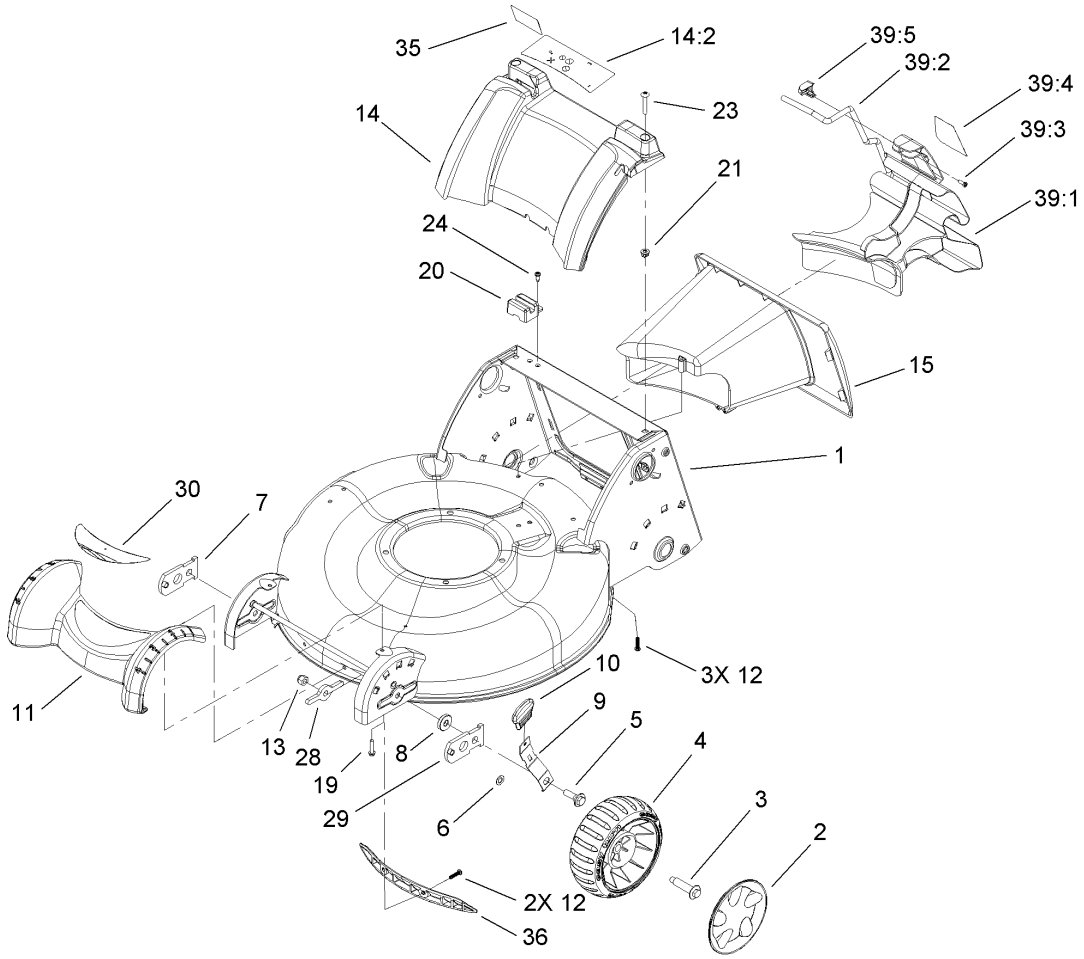
Part Description Abbreviations

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
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
INC. . . . . incorporated
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

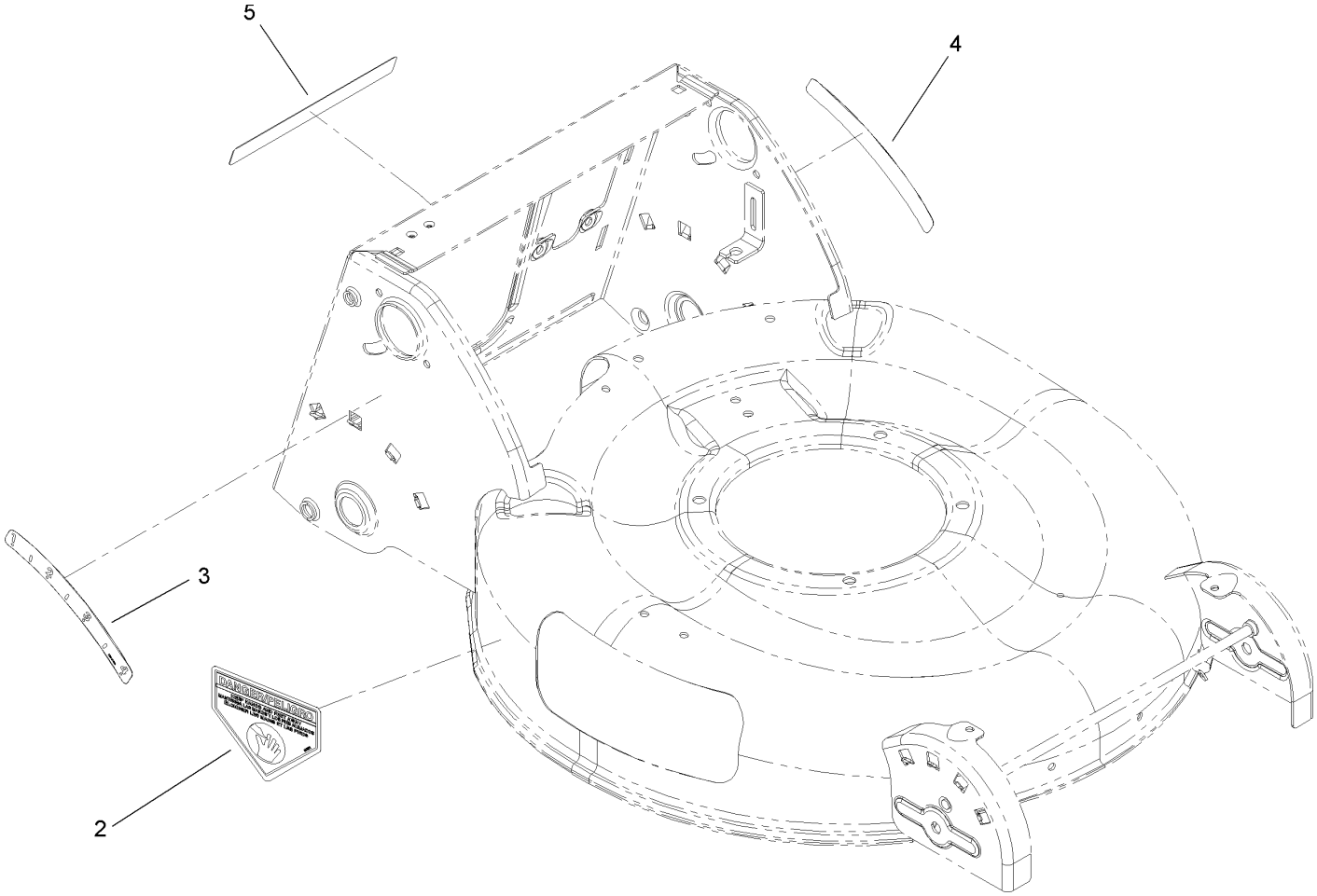
❶ Not illustrated
❷ Not serviced separately
❸ Obtain from your local Tecumseh dealer



Front End and Tunnel Assembly

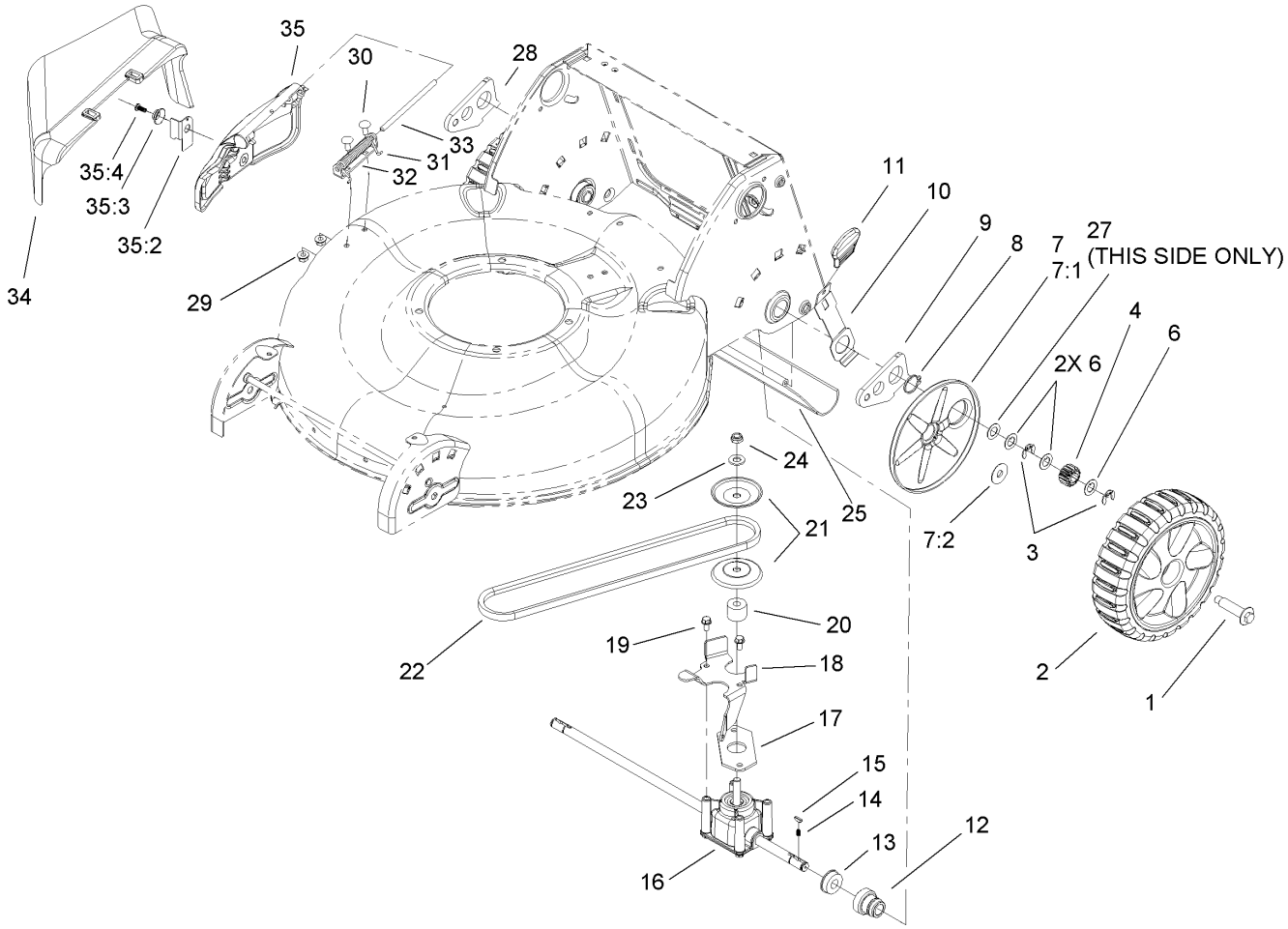
Ref	Part No.	Qty.	Description
1	108-9346	1	Housing ASM
2	107-3886	2	Cover-Wheel, 7 Inch
3	614650	2	Bolt-Shoulder
4	107-3891	2	7 Inch Wheel ASM
5	614672	2	Bolt-Shoulder
6	40-1940	2	Washer
7	107-3877	1	Arm-Pivot, RH
8	92-4890	2	Washer
9	107-3878	2	Arm-Spring
10	107-1904	2	Knob-Lever, HOC
11	107-3926	1	Cover-Front
12	108-7476	5	Screw-Plastite
13	3296-39	2	Nut-Lock, NI
14	108-9349	1	Cover-Rear
14:2	107-3888	1	Decal-Safety
15	107-3905	1	Tunnel
19	108-7475	2	Screw-Plastite
20	108-0967	1	Module-Switch
21	94-1610	2	Nut-Clip
23	108-0965	2	Screw-PTH
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

Ref	Part No.	Qty.	Description
35	107-1938	1	Decal-Bag Attachment
36	108-7502	1	Insert-Housing
❶39	110-1751	1	Mulch Plug ASM
39:1	107-3907	1	Plug-Chute
39:2	108-1038	1	Latch-Plug
39:3	32144-111	1	Screw-PPH
39:4	108-7461	1	Decal
39:5	108-0956	1	Retainer-Latch



Housing Assembly No. 108-9346

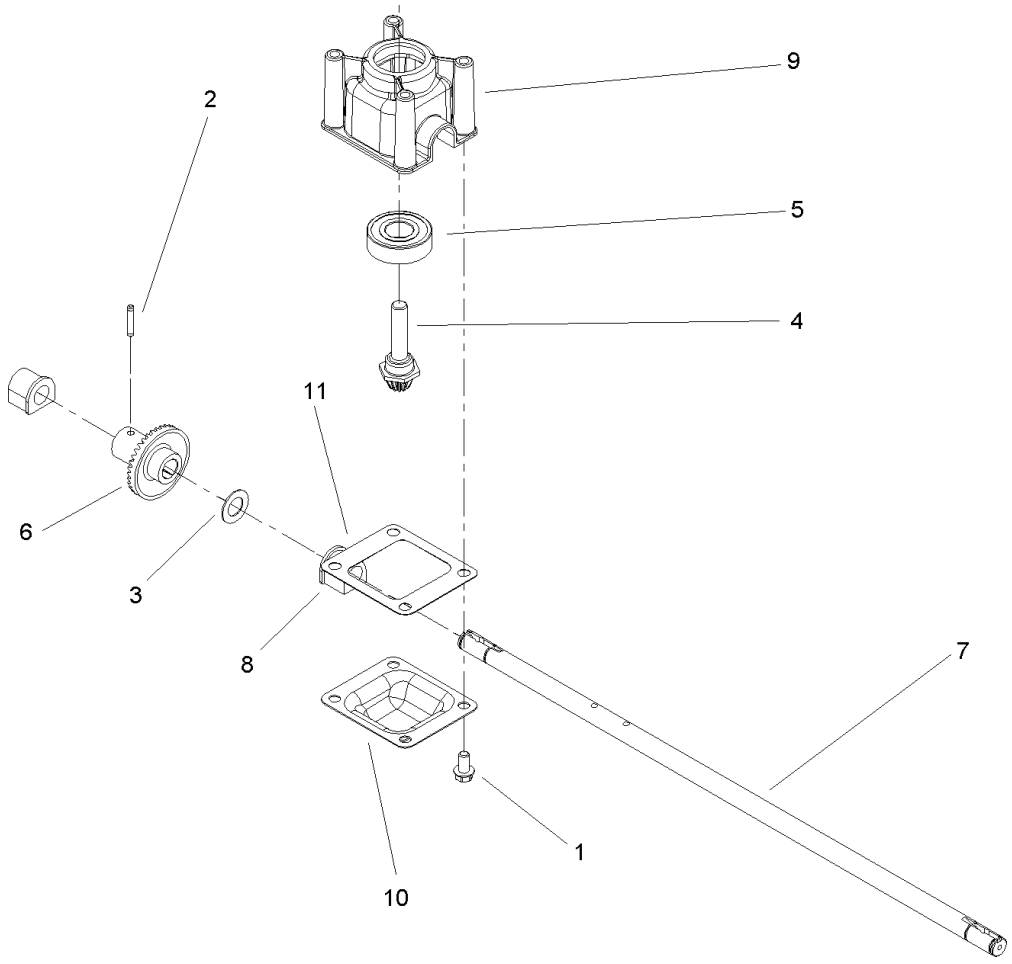
Ref	Part No.	Qty.	Description
2	94-8072	1	Decal-Danger
3	108-7450	1	Decal-HOC, RH
4	108-7451	1	Decal-HOC, LH
5	107-3889	1	Decal-Safety



Rear Axle and Transmission Assembly

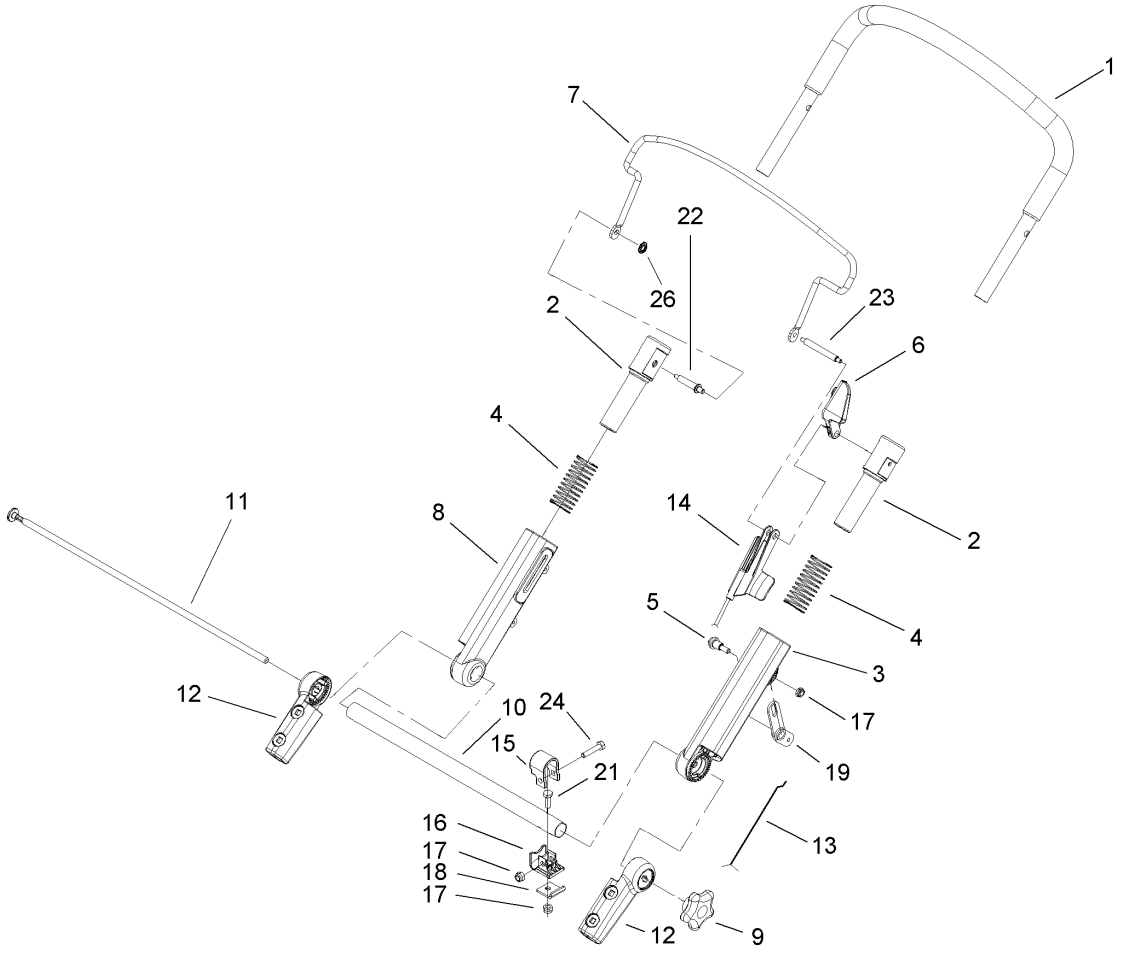
Ref	Part No.	Qty.	Description
1	614650	2	Bolt-Shoulder
2	107-3906	2	Rear Wheel ASM
3	65-2720	4	Klipring-Locking
4	105-3040	2	Gear-Pinion, 15T
6	105-6840	6	Washer-Thrust
7	108-7505	2	Wheel Cover ASM
❷7:1		1	Cover-Wheel
7:2	614426	1	Washer-Stepped
8	32151-36	2	Ring-Retaining
9	108-9344	1	Arm-Rear Pivot, 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	107-3884-03	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
29	32128-32	2	Nut-HHF
30	3229-11	2	Screw-CARR
31	99-5293	1	Spring-Torsion
32	99-5292	1	Bracket-Cover
33	99-5291	1	Rod-Cover
34	105-3028	1	Chute-Discharge, Side
35	106-8376	1	Discharge Door ASM
35:2	107-0795	1	Latch-Door
35:3	107-7456	1	Cap-Door
35:4	107-7461	1	Screw-Plastite



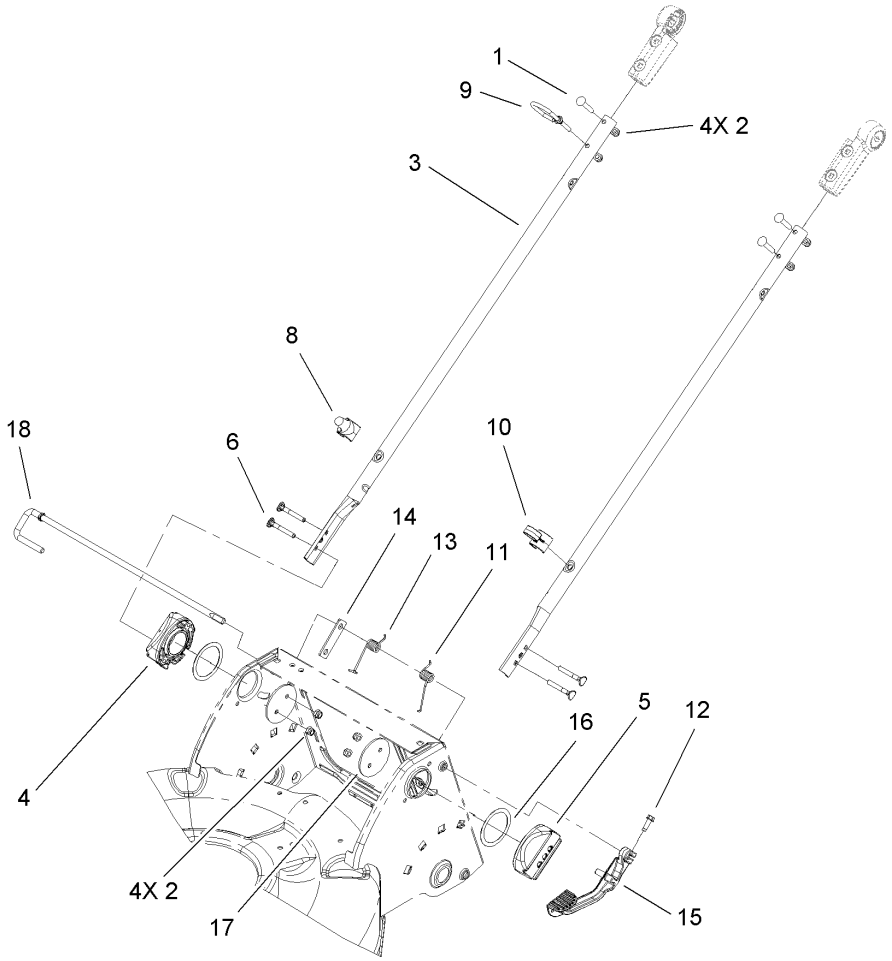
Transmission Assembly No. 107-3860

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



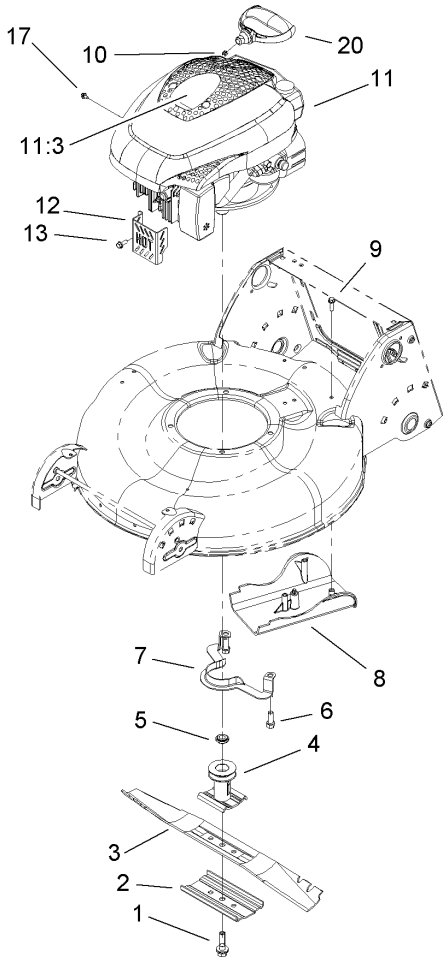
Upper Handle Assembly

Ref	Part No.	Qty.	Description
1	108-0974	1	Upper Handle ASM
2	107-3866	2	Sleeve-Handle
3	110-1755	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	3	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



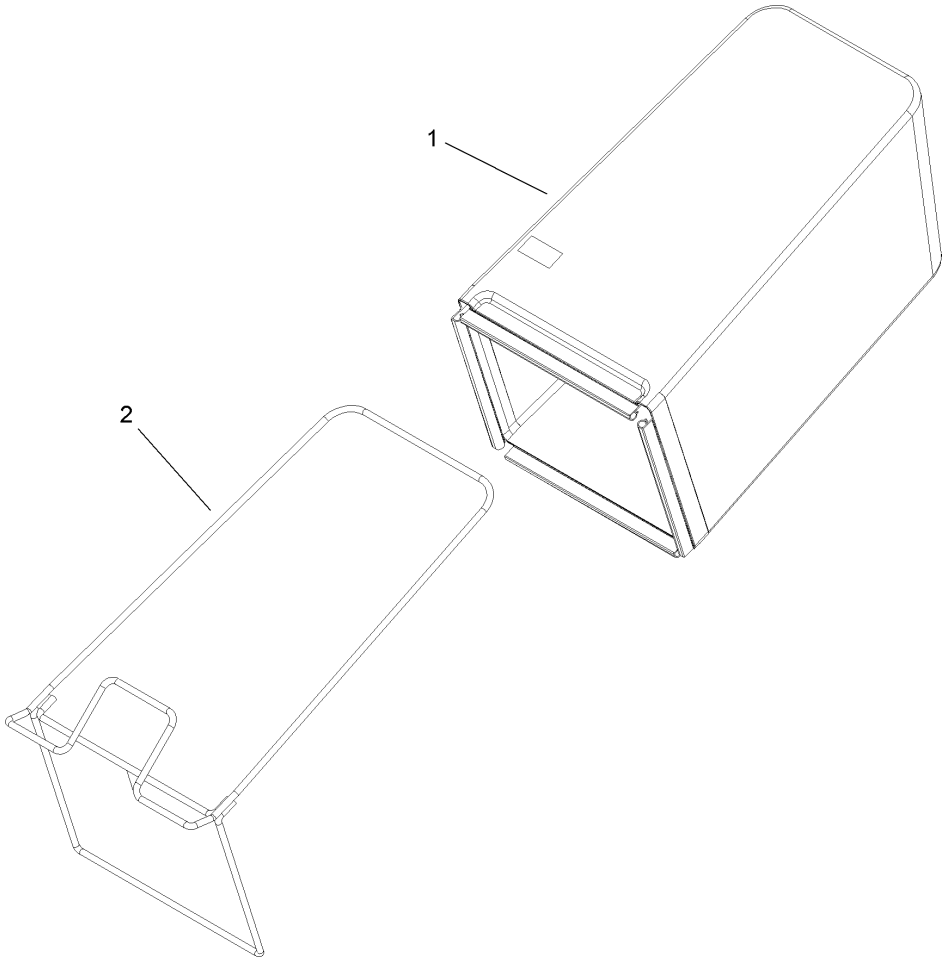
Lower Handle Assembly

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	49-2040	1	Screw-HWHTF
13	108-0953	1	Spring-Torsion, RH
14	107-3946	1	Plate-Lock, Handle
15	110-1823-03	1	Lever-Release
16	107-3947	2	Washer-Nylon
17	107-3944-03	2	Plate
18	110-1822	1	Rod-Handle Release
❶23	614249	1	Strap-Tie



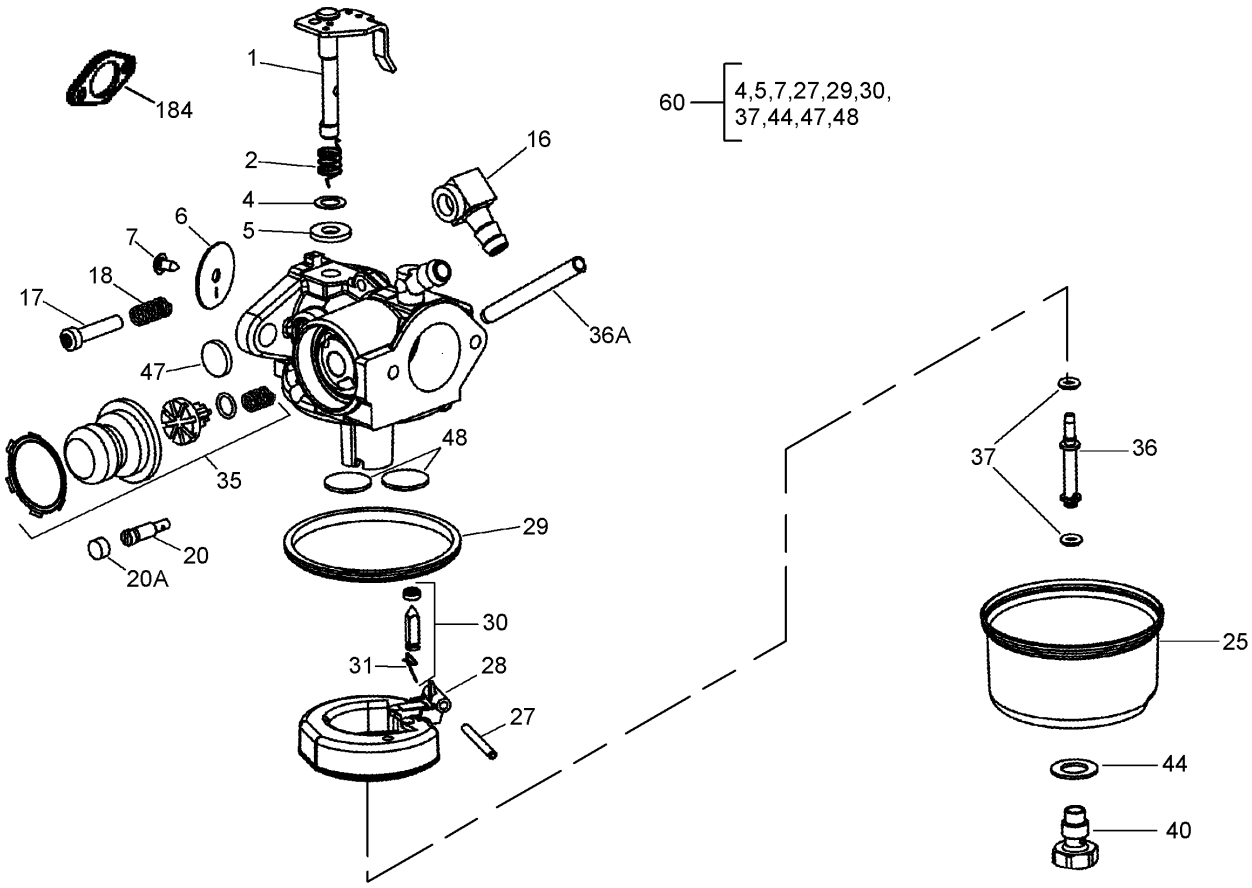
Blade and Engine Assembly

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
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	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

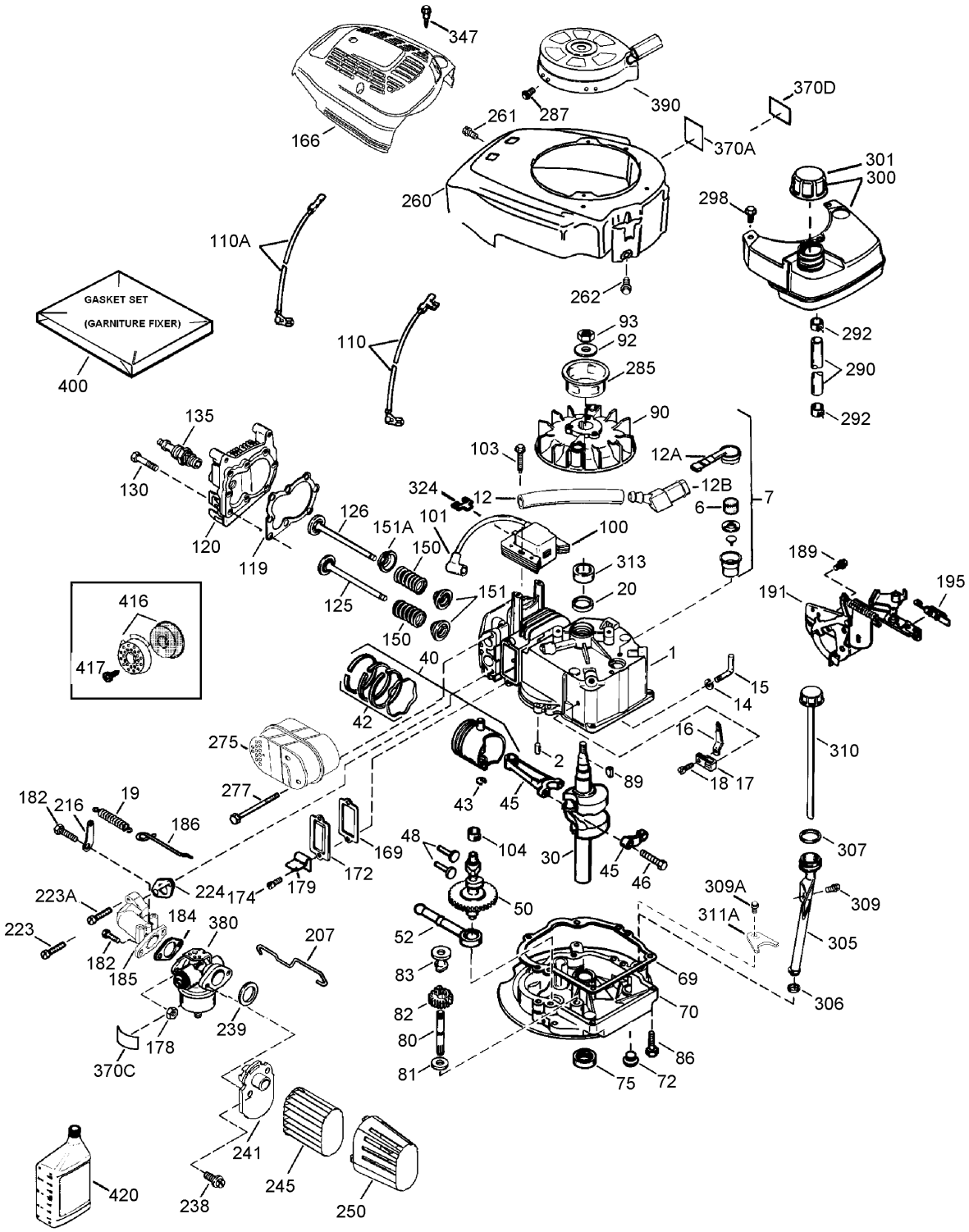


Carburetor Assembly No. 640350
Tecumseh LV195EA-362044D

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, Idle Restrictor
❸25	631867	1	Bowl-Float
❸27	631024	1	Shaft-Float
❸28	632802	1	Float
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 / 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-Carburetor To Intake Pipe

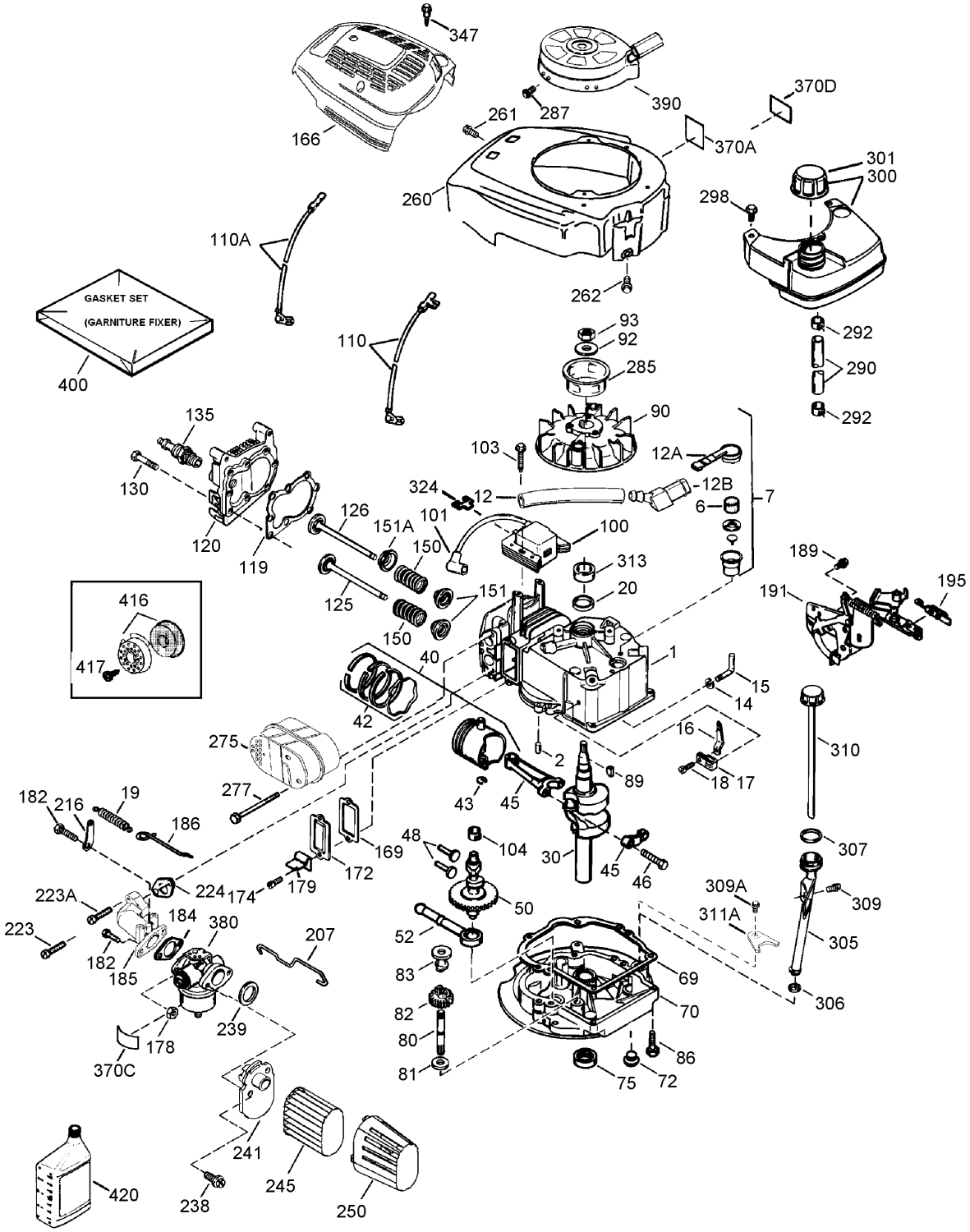
Engine Assembly (continued)
Tecumseh LV195EA-362044D



Engine Assembly (continued)
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 (Optional)
❸420	730225A	1	Sae30 4-Cycle Engine Oil (Quart)

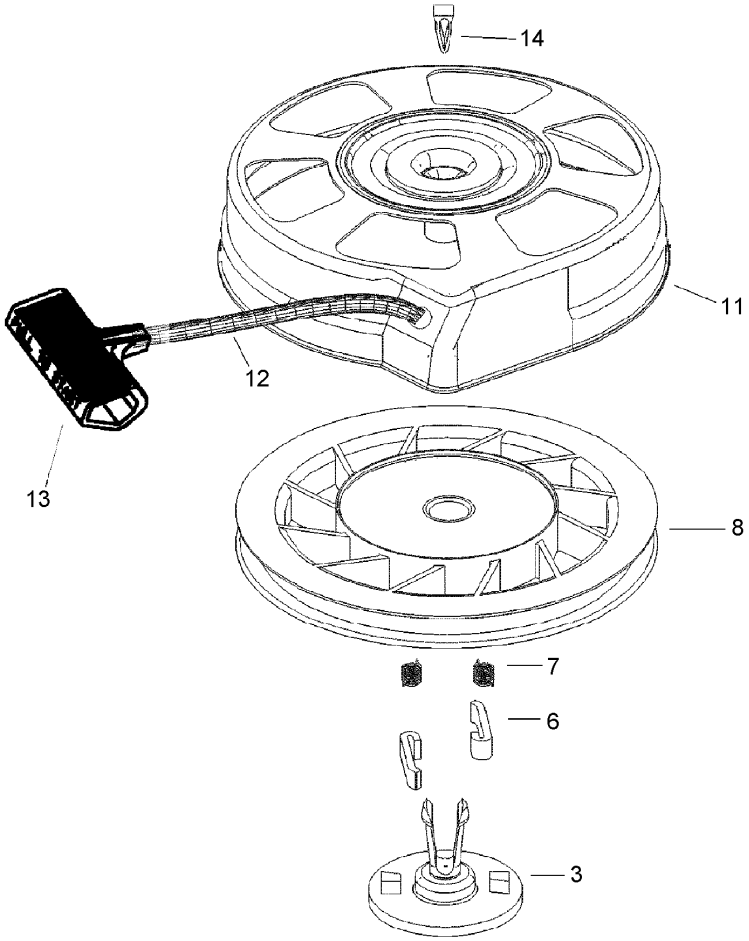
Engine Assembly
Tecumseh LV195EA-362044D



Engine Assembly
Tecumseh LV195EA-362044D

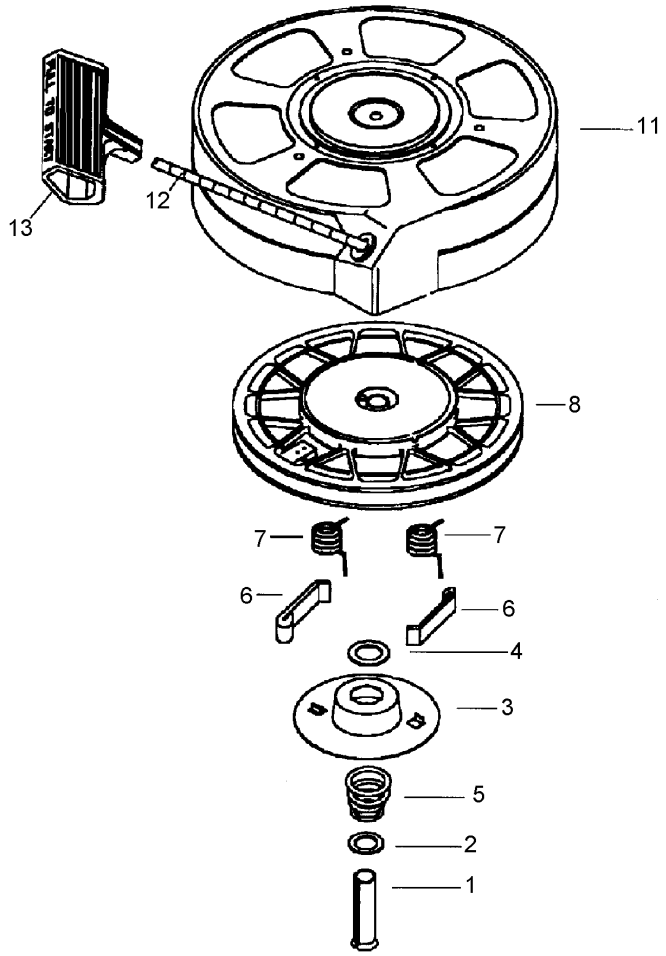
Ref	Part No.	Qty.	Description
❸1	37465	1	Cylinder (Includes 2, 20, 150)
❸2	26727	2	Pin-Dowel
❸6	33734	1	Element-Breather
❸7	36557	1	Breather ASM (Includes 6, 12A)
❸12	37944	1	Tube-Breather
❸12A	36558	1	Breather Cover And Tube ASM (Includes 12B)
❸12B	36694	1	Elbow-Tube, Breather
❸14	28277	1	Washer
❸15	30589	1	Rod-Governor (Includes 14)
❸16	34839A	1	Lever-Governor
❸17	31335	1	Clamp-Lever, Governor
❸18	651018	1	Screw
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
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
❸82	30591	1	Governor Gear ASM (Includes 81)
❸83	30588A	1	Spool-Governor
❸86	650488	6	Screw (1/4–20 X 1–1/4In)
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-Plug, Spark
❸103	651007	2	Screw
❸104	37480	1	Bushing-Cam
❸110	37047	1	Wire-Ground
❸110A	611227	1	Ground Wire
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 (5/16–18 X 1–7/16In)
❸135	35395	1	Spark Plug-Resistor (Rj19Lm)
❸150	31672	2	Spring-Valve
❸151	31673	2	Cap-Spring, Valve
❸151A	40017	1	Seal-Valve, Intake
❸166	37813A	1	Engine Shroud (Green)
❸169	36783	1	Gasket-Cover, Valve
❸172	36784	1	Cover-Valve
❸174	30200	2	Screw (10–24 X 9/16In)
❸178	29752	2	Nut And Lock Washer ASM
❸179	30593	1	Retainer Clip
❸182	6201	2	Screw (1/4–28 X 7/8In)
❸184	26756	1	Gasket-Carburetor To Intake Pipe
❸185	37466	1	Pipe-Intake
❸186	32653	1	Link-Governor
❸189	650839	2	Screw (1/4–20 X 3/8In)
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 1In)
❸223A	651074	1	Stud-Pipe, Intake
❸224	36786	1	Gasket-Pipe, Intake
❸238	650932	2	Screw (10–32 X 49/64In)
❸239	34338	1	Gasket-Cleaner, Air
❸241	36919	1	Collar-Cleaner, Air
❸245	36905	1	Filter-Cleaner, Air
❸250	37122	1	Cover-Cleaner, Air
❸260	37696A	1	Housing-Blower
❸261	30200	2	Screw (10–24 X 9/16In)
❸262	650831	2	Screw (1/4–20 X 1/2In)
❸275	37498	1	Muffler
❸277	650988	2	Screw (1/4–20 X 2–9/32In)
❸285	35000A	1	Cup-Starter
❸287	650926	2	Screw (8–32 X 21/64In)
❸290	37962	1	Fuel Line
❸292	26460	2	Clamp-Line, Fuel
❸298	28763	2	Screw (10–32 C 35/64In)
❸300	37947	1	Fuel Tank ASM
❸301	37844	1	Fuel Cap ASM
❸305	35647A	1	Oil Fill Tube
❸306	37610	1	O–Ring
❸307	35499	1	O–Ring
❸309	650562	1	Screw (10–32 X 1/2In)
❸309A	650783	1	Screw (10–24 X 3/4In)
❸310	35648	1	Dipstick
❸311A	37611	1	Bracket-Down, Hold
❸313	34080	1	Spacer
❸324	33177	1	Terminal
❸347	650898A	4	Screw (10–32 X 27/32In)
❸370A	36261	2	Decal-Lubrication



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 (98In X 9/64In Diameter)
❸13	590701	1	Handle-Starter
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 (98In X 9/64In Diameter)
❸13	590701	1	Handle-Starter

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

NOTES


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