Form Number 3357-645 Rev A

22in Recycler® Lawn Mower

Model No. 20072A - 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.

© The Toro Company - 2007
All Rights Reserved

Register your product at www.Toro.com

Contents

Description	Page
Deck, Side Chute and Rear Door Assembly	3
Housing Assembly No. 112-8850	4
Rear Axle Assembly	5
Front Axle and Transmission Assembly	6
Transmission Assembly No. 106-3955	7
Engine and Blade Assembly	8
Handle Assembly	9
Rear Bag Assembly	10
Carburetor Assembly No. 640350 Tecumseh LV195EA-362089D	11
Engine Assembly No. 1 Tecumseh LV195EA-362089D	12
Engine Assembly No. 2 Tecumseh LV195EA-362089D	14
Recoil Starter Assembly No. 590702 Tecumseh LV195EA-362089D	16
Attachments and Accessories List	17

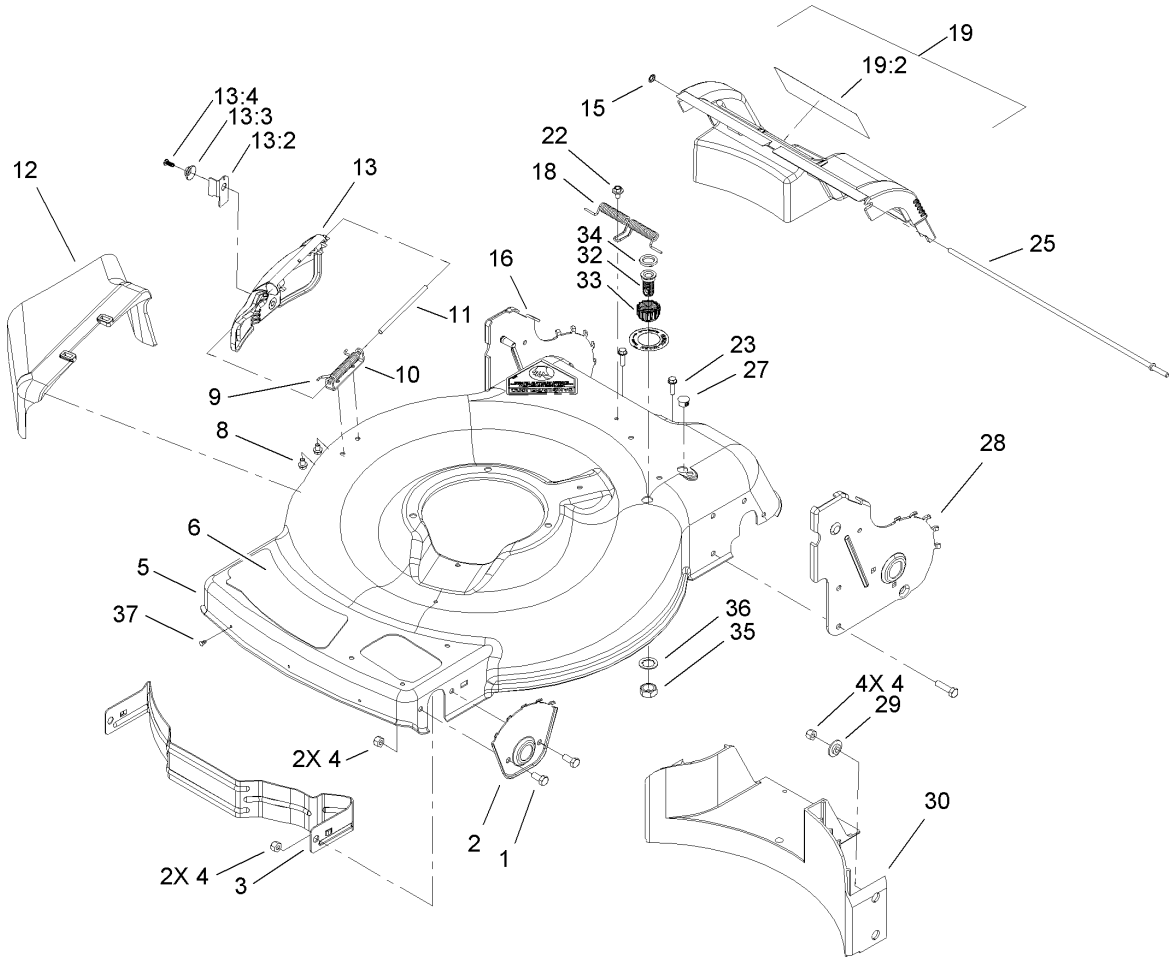
Part Description Abbreviations

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

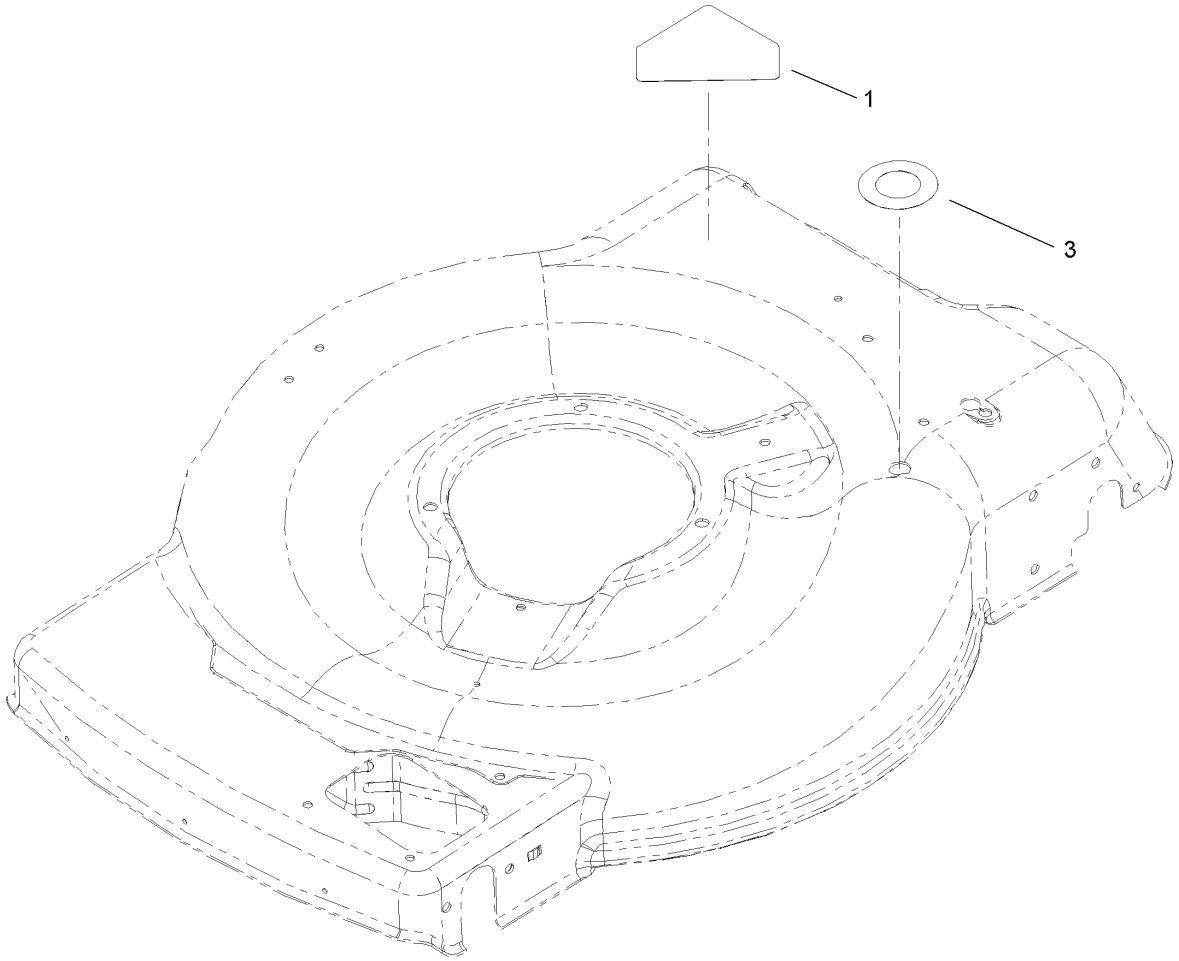
❶ Not illustrated
❷ Not serviced separately
❸ Obtain from your local Tecumseh dealer
❹ Included in Repair Kit 632760B



Deck, Side Chute and Rear Door Assembly

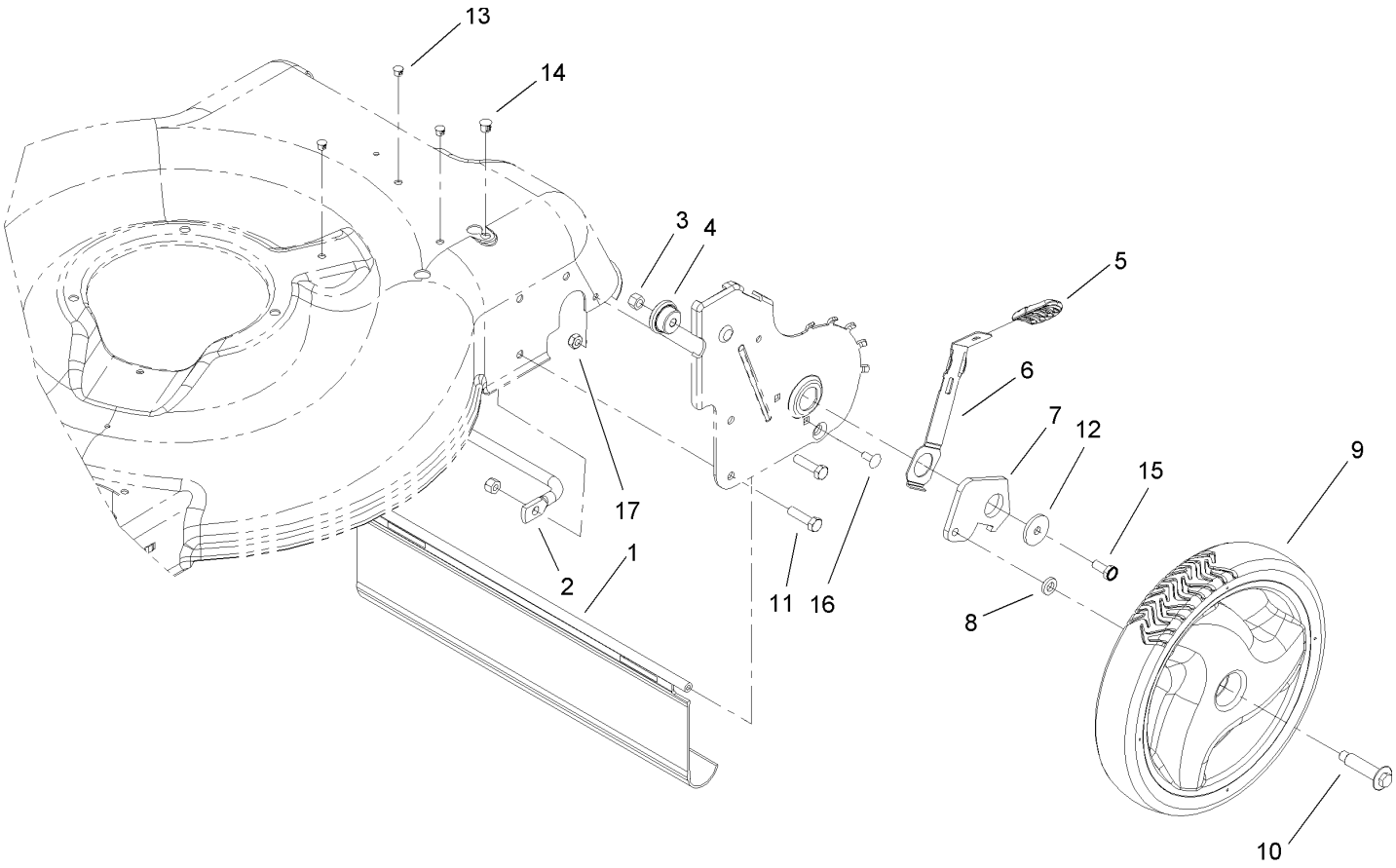
Ref	Part No.	Qty.	Description
1	322-3	4	Screw-HH
2	105-1808-03	2	Plate-HOC, Front
3	104-8694-03	1	Baffle-Front
4	3296-29	8	Nut-Lock, NI
5	112-8850	1	Housing ASM
6	114-0322	1	Decal-Deck
8	99-8445	2	Screw-HWH
9	99-5293	1	Spring-Torsion
10	112-6416	1	Bracket-Cover
11	99-5291	1	Rod-Cover
12	105-3028	1	Chute-Discharge, Side
13	106-8376	1	Discharge Door ASM
13:2	107-0795	1	Latch-Door
13:3	107-7456	1	Cap-Door
13:4	107-7461	1	Screw-Plastite
15	32112-6	1	Nut-Push
16	112-6445	1	RH 11 Inch HOC Plate ASM
18	105-3032	1	Spring-Door, Rear
19	112-8864	1	Rear Door ASM
19:2	105-1295	1	Decal-Warning
22	46-6810	1	Screw And Washer ASM
23	46-8091	2	Screw-HWH
25	105-1827	1	Rod-Pivot, Rear Door
27	104-9369	1	Plug-Dome

Ref	Part No.	Qty.	Description
28	112-6447	1	LH 11 Inch HOC Plate ASM
29	105-3006	4	Washer-Stepped
30	105-3047	1	Baffle-Rear
32	112-6400	1	Port-Washout
33	112-6401	1	Coupling-Hose, Washout Port
34	112-6438	1	Washer-Seal, Washout Port
35	3218-6	1	Nut-Jam
36	3254-5	1	Washer-Tooth
37	112-6436	3	Plug-Arrow



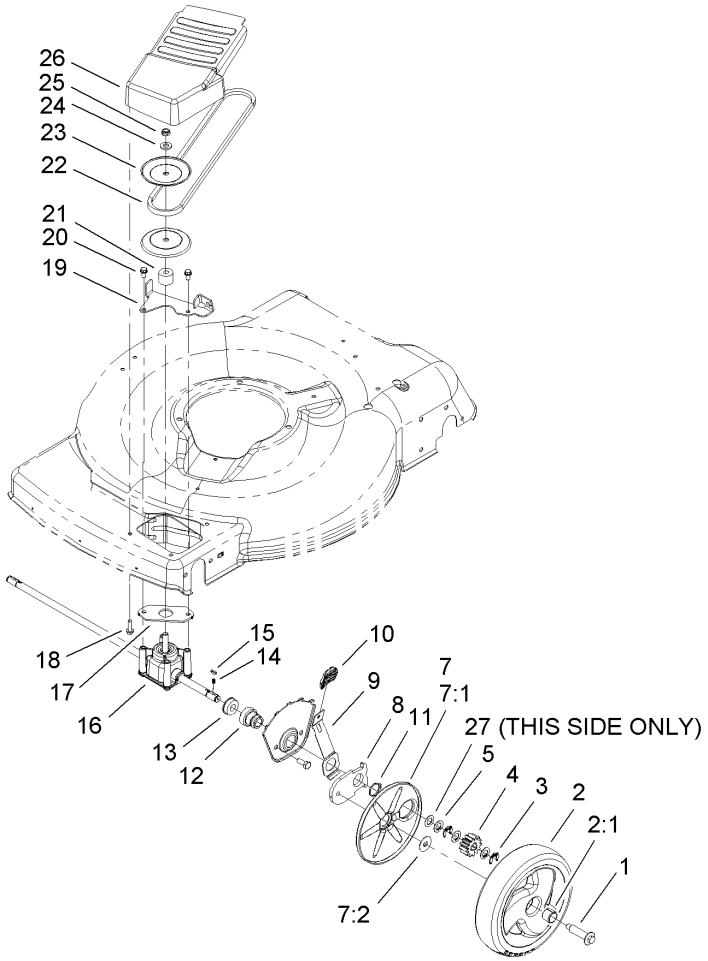
Housing Assembly No. 112-8850

Ref	Part No.	Qty.	Description
1	94-8072	1	Decal-Danger
3	112-8867	1	Decal-Washout Port, Trilingual



Rear Axle Assembly

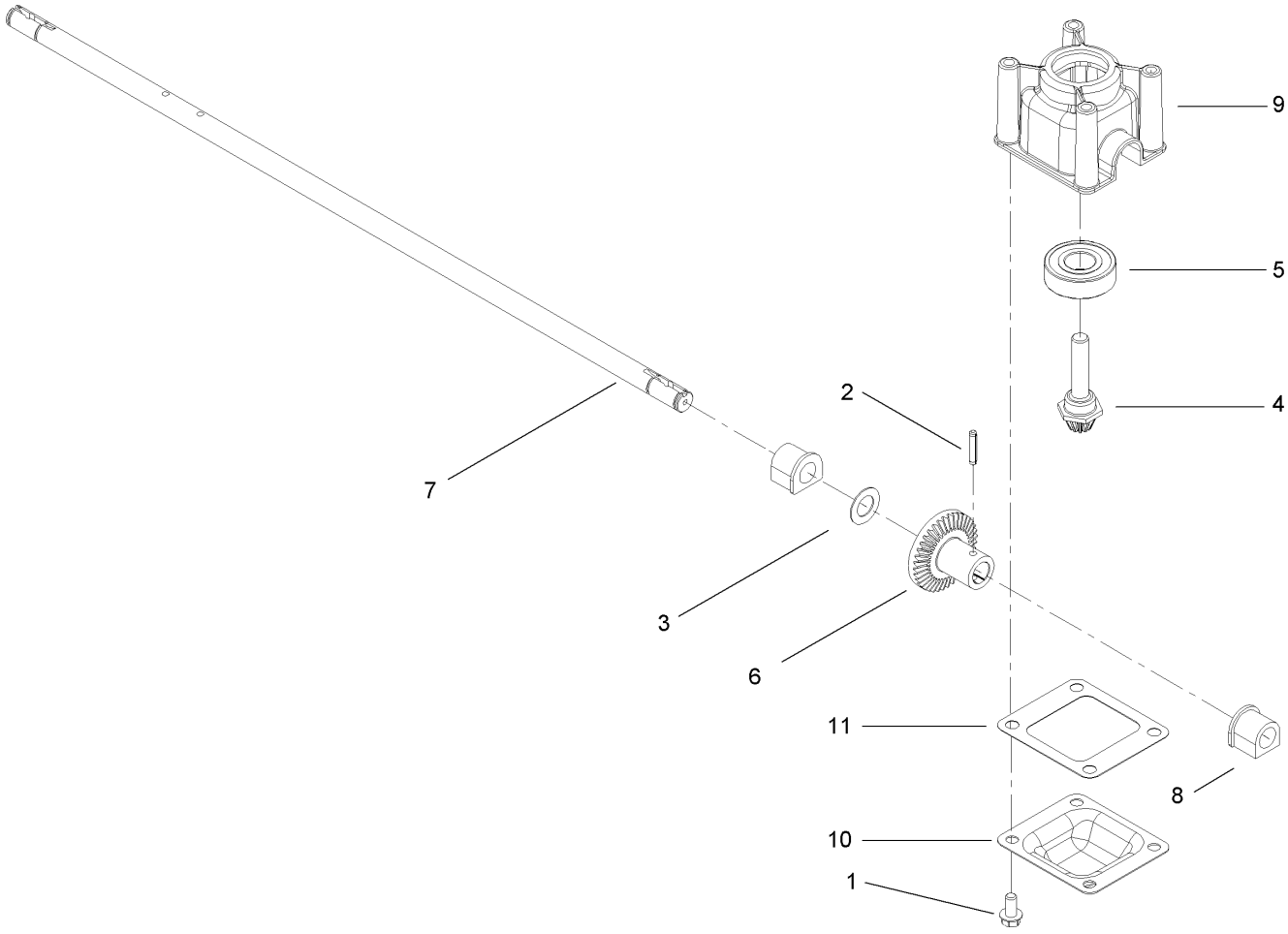
Ref	Part No.	Qty.	Description
1	114-1585	1	Shield-Trailing
2	105-1811	1	Brace-Plate, HOC
3	32153-3	2	Nut-Hex, Side Deform
4	110-1612	2	Bushing-Mount
5	105-3042	2	Knob-Lever, HOC
6	110-1630	2	Arm-11 Inch Spring, Rear
7	105-1819	2	Arm-Pivot, Rear
8	110-7466	2	Washer-Bolt, Wheel
9	110-1632	2	11 In Wheel ASM
10	614650	2	Bolt-Shoulder
11	322-6	4	Screw-HH
12	105-3048	2	Washer-Flat
13	104-9373	3	Plug-Dome
14	104-9368	1	Plug-Dome
15	322-3	2	Screw-HH
16	3229-11	4	Screw-CARR
17	3296-16	4	Nut-Lock, NI



Front Axle and Transmission Assembly

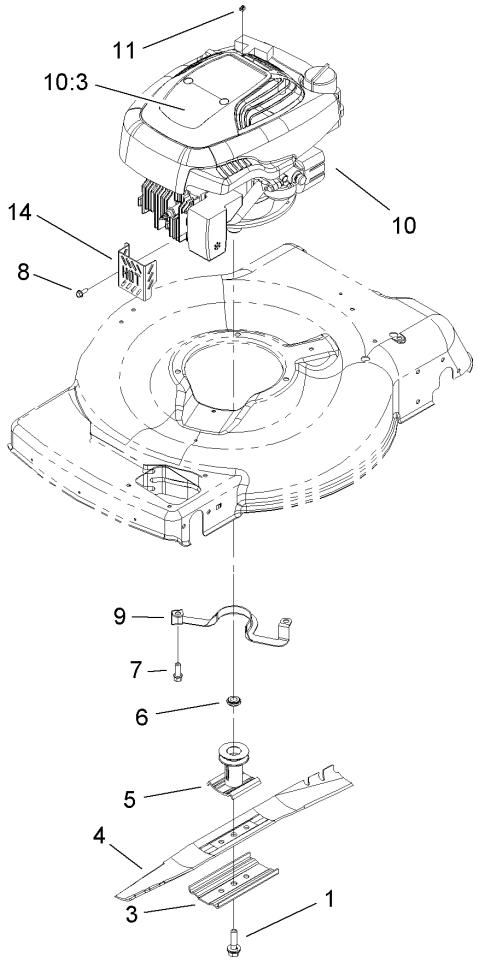
Ref	Part No.	Qty.	Description
1	614650	2	Bolt-Shoulder
2	105-1815	2	Wheel Gear ASM
2:1	27-6250	2	Bushing
3	65-2720	4	Klipring-Locking
4	104-8670	2	Gear-Pinion, 13T
5	105-6840	6	Washer-Thrust
7	110-1792	2	Wheel Cover ASM
❷7:1		1	Cover-Wheel
7:2	614426	1	Washer-Stepped
8	105-1807	2	Arm-Pivot, Front
9	105-1809	2	Arm-Spring
10	105-3042	2	Knob-Lever, HOC
11	32151-36	2	Ring-Retaining
12	104-8698	2	Retainer-Bearing, HOC
13	104-8699	2	Bearing-Ball
14	39-9650	2	Spring-Compression
15	612066	2	Key
16	106-3955	1	Transmission ASM
17	108-9756	1	Gasket-Gearbox
18	46-8091	2	Screw-HWH
19	105-1833-03	1	Bracket-Pivot, Fwd
20	32144-4	2	Screw-HWH
21	92-5791	1	Spacer
22	91-2258	1	V-Belt

Ref	Part No.	Qty.	Description
23	104-8691	2	Pulley-Half, Front
24	3256-24	1	Washer-Flat
25	3296-5	1	Nut-Lock
26	105-1839	1	Cover-Belt, Front
27	36-4780	1	Washer



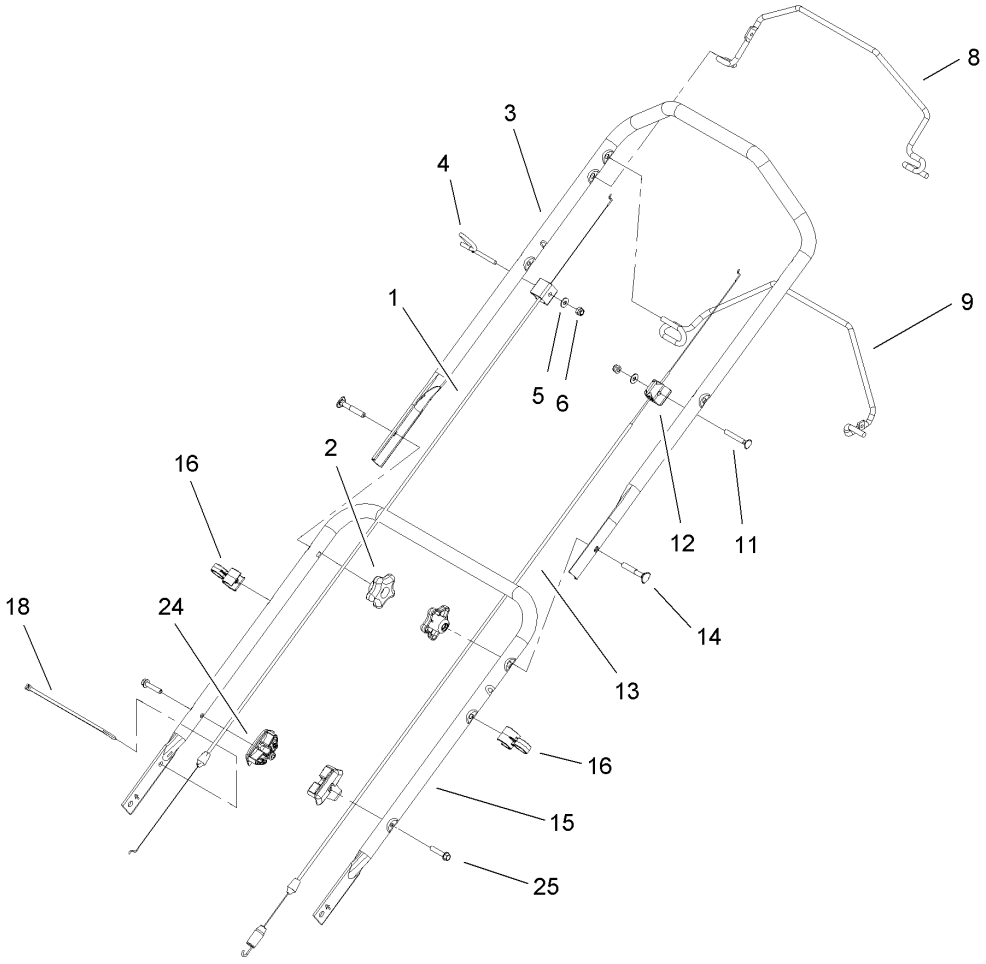
Transmission Assembly No. 106-3955

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	106-3957	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



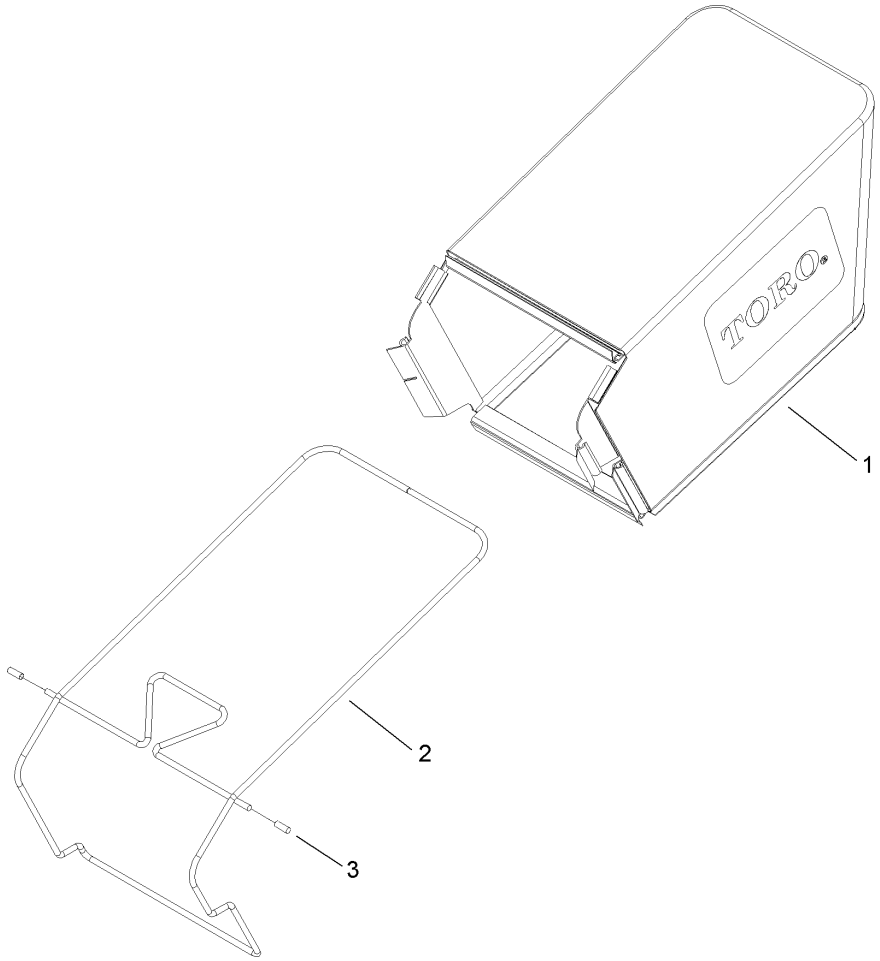
Engine and Blade Assembly

Ref	Part No.	Qty.	Description
1	105-8579	1	Bolt-Blade
3	108-3766-03	1	Support-Blade
4	108-9764-03	1	Blade-22 Inch
5	106-3987	1	Blade Driver ASM
6	106-3999	1	Spacer-Driver
7	95-1726	3	Screw-Taptite
8	32144-85	1	Screw-HWH
9	105-3031-03	1	Guide-Belt
❷❸10		1	Engine-Tecumseh, Lv195-362089D
10:3	112-8874	1	Decal-Shroud, Engine
11	92-1701	1	Stop-Rope
14	106-8346-03	1	Guard-Muffler



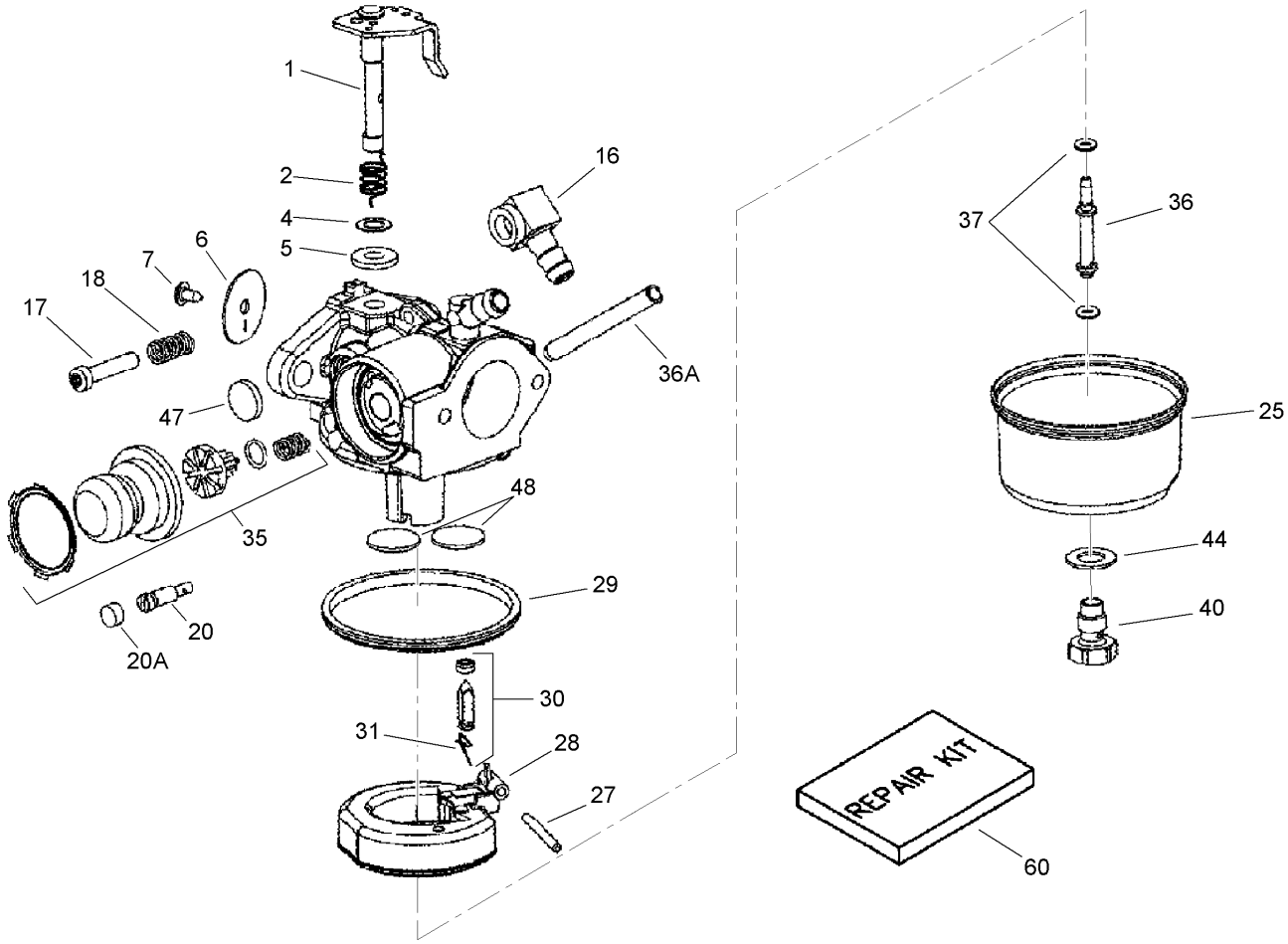
Handle Assembly

Ref	Part No.	Qty.	Description
1	104-8677	1	Cable-Brake
2	108-8162	2	Knob-Locking
3	108-9789-05	1	Handle-Upper
4	106-8330	1	Guide-Rope
5	3256-1	2	Washer-Flat
6	3296-73	2	Nut-Lock, NI
8	108-9791-03	1	Bail-Brake
9	108-9790-03	1	Bail-Traction
11	95-4453	1	Screw
12	92-7729	1	Anchor-Cable, Upper
13	105-1845	1	Cable-Traction
14	112-8876	2	Screw-Handle
15	112-6440-05	1	Handle-Lower
16	106-6805	2	Guide-Cable
18	614249	1	Strap-Tie
24	108-9788	2	Anchor-Bag
25	32144-110	2	Screw-HWH



Rear Bag Assembly

Ref	Part No.	Qty.	Description
1	108-9792	1	Grass Bag ASM
2	108-9785-03	1	Frame-Bag
3	112-6439	2	Cap-End

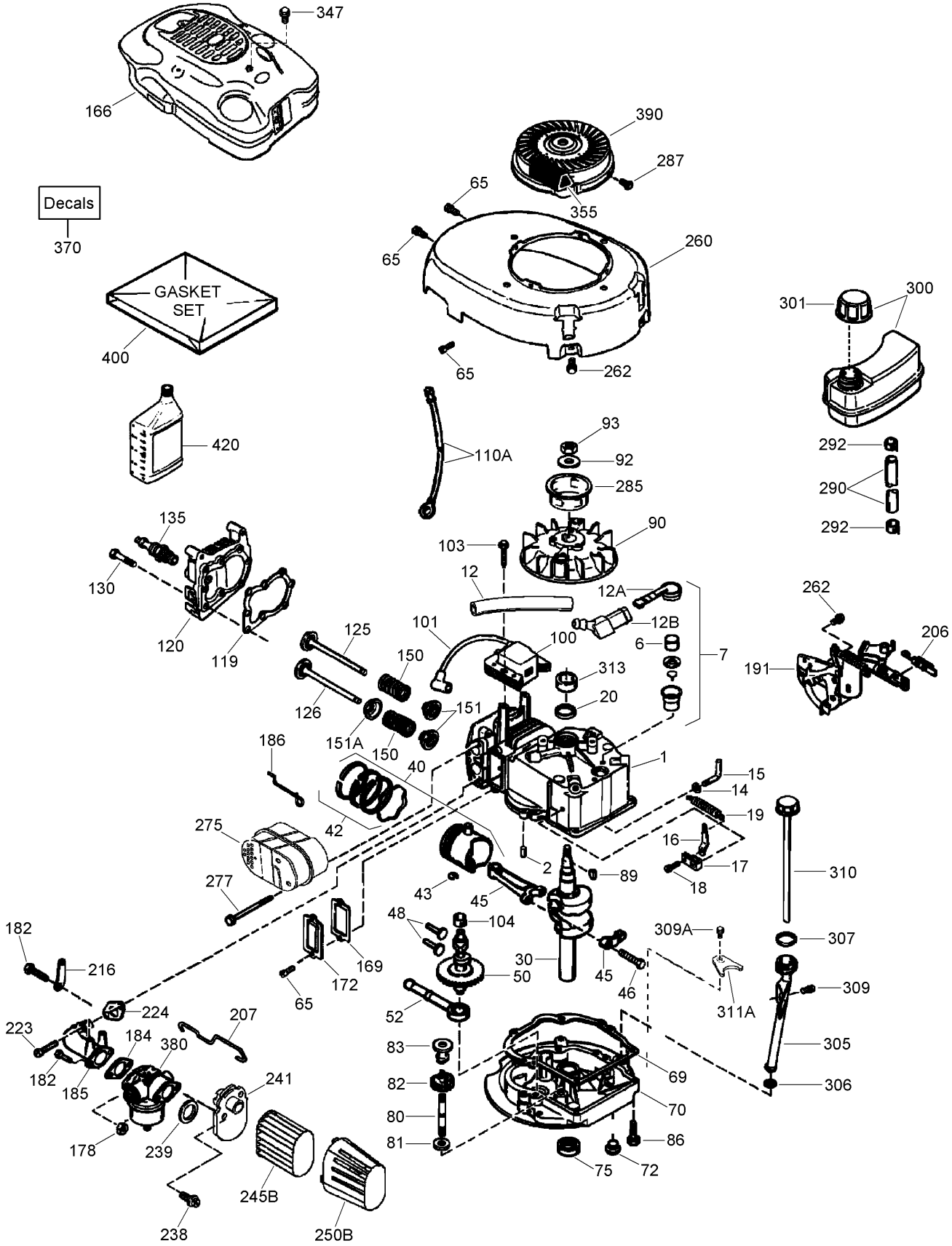


Carburetor Assembly No. 640350
Tecumseh LV195EA-362089D

Ref	Part No.	Qty.	Description
❸0	640350	1	Carburetor ASM
❸1	631615	1	Throttle Shaft And Lever ASM
❸2	631767	1	Spring-Return, Throttle
❸❹4	631184	1	Washer-Seal, Dust
❸❹5	631183	1	Seal-Dust, Throttle
❸6	640070	1	Shutter-Throttle
❸❹7	650506	1	Screw-Shutter
❸16	631807	1	Fitting-Fuel
❸17	651025	1	Screw-Throttle Crack/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)
❸❹27	631024	1	Shaft-Float
❸28	632802	1	Float (Plastic)
❸❹29	631028	1	O-Ring-Bowl, Float
❸❹30	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
❸❹37	632547	2	O-Ring-Nozzle Tube, Main
❸40	640030	1	Nut-Bowl, High Speed

Ref	Part No.	Qty.	Description
❸❹44	27110A	1	Washer-Nut, Bowl
❸❹47	630748	1	Plug-Welch, Idle Mixture Well
❸❹48	631027	2	Plug-Welch, Atmospheric Vent
❸60	632760B	1	Repair Kit

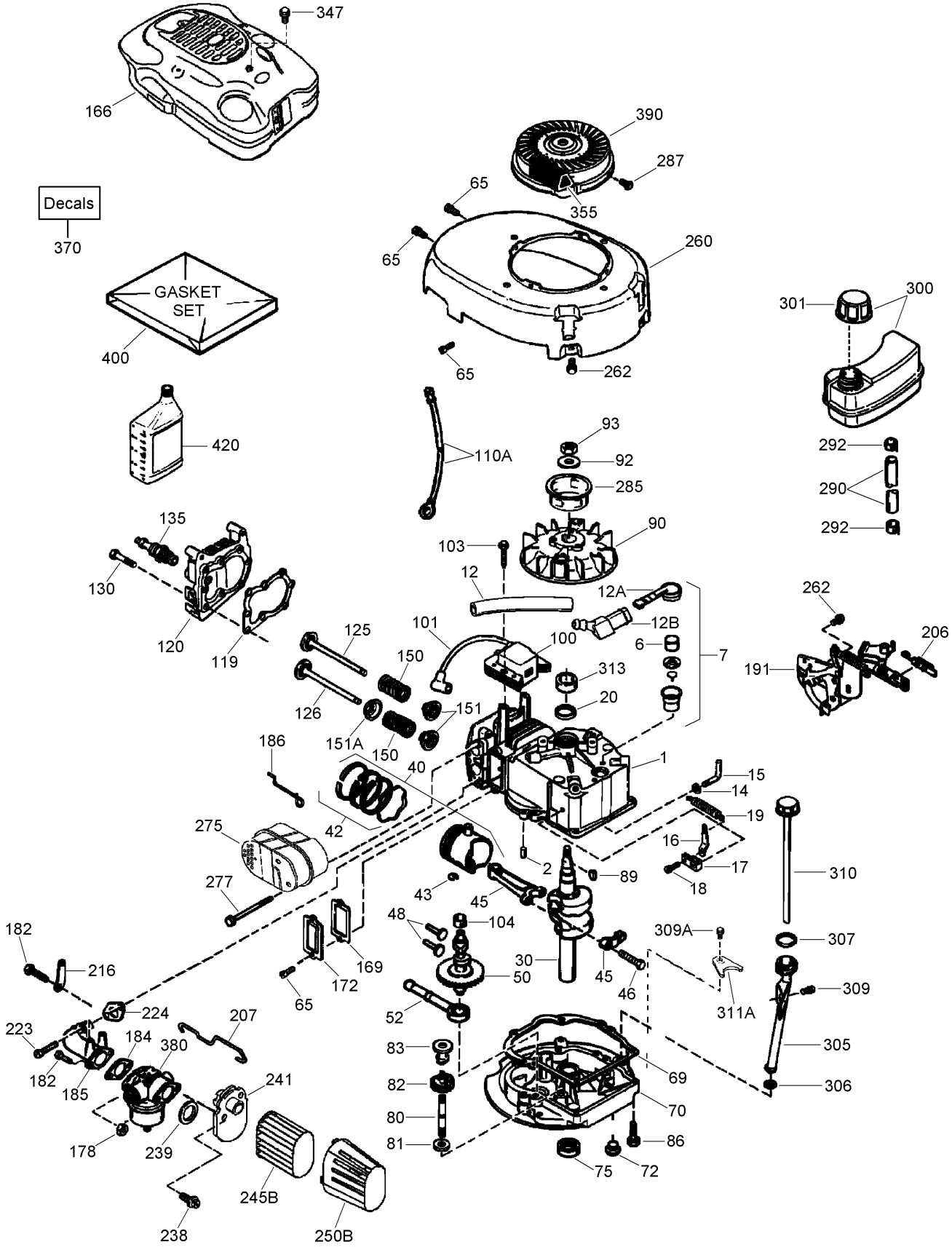
Engine Assembly No. 1
Tecumseh LV195EA-362089D



Engine Assembly No. 1
Tecumseh LV195EA-362089D

Ref	Part No.	Qty.	Description
❸1	37465	1	Cylinder ASM (Includes 2, 20)
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
❸12B	36694	1	Elbow-Tube, Breather
❸14	28277	1	Washer-Flat
❸15	30589	1	Governor Rod ASM (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	40045	1	Piston, Pin And Ring Set (.010 O S) (Includes 42)
❸40	40044	1	Piston, Pin And Ring Set (STD) (Includes 42)
❸42	40007	1	Ring Set (.010 O S)
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 (Exhaust M C R) (Includes 104)
❸52	29914	1	Oil Pump ASM
❸65	30200	4	Screw (10-24 X 9/16)
❸69	37609	1	Gasket-Flange, Mounting
❸70	37608A	1	Mounting Flange ASM (Includes 72-83, 306, 309A, 311A)
❸72	37614	1	Plug-Drain, Oil (Flush Mount)
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 1-1/4)
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	611289	1	Cover-Spark Plug
❸103	651007	2	Screw (T-15, 10-24 X 15/16)
❸104	37480	1	Bushing-Cam
❸110A	37047	1	Wire-Ground (10.50 With Male And Female Flag Terminals)
❸119	37796	1	Gasket-Head, Cylinder
❸120	37714	1	Head-Cylinder
❸125	37288	1	Exhaust Valve (STD) (Includes 151)
❸126	37289	1	Intake Valve (STD) (Includes 151)
❸130	6021A	8	Screw (5/16-18X1-1/2)

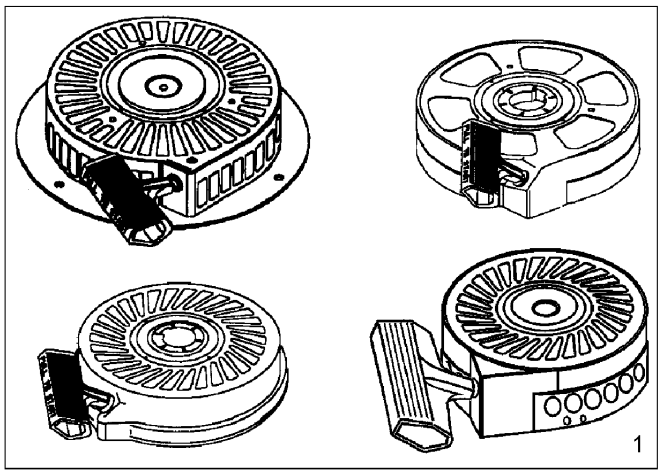
Engine Assembly No. 2
Tecumseh LV195EA-362089D



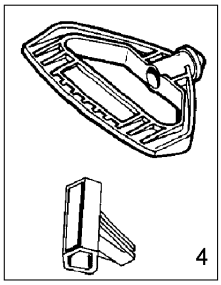
Engine Assembly No. 2
Tecumseh LV195EA-362089D

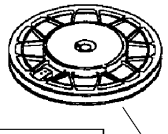
Ref	Part No.	Qty.	Description
❸135	35395	1	Spark Plug-Resistor (R J19 L M)
❸150	31672	2	Spring-Valve
❸151	31673	2	Cap-Valve, Spring
❸151A	40017	1	Seal-Valve, Intake
❸166	38019	1	Engine Shroud
❸169	36783	1	Gasket-Cover, Valve
❸172	36784	1	Cover-Valve
❸178	29752	2	Nut And Lock Washer (1/4-28)
❸182	6201	2	Screw (1/4-28 X 7/8)
❸184	26756	1	Gasket-Carburetor To Intake Pipe
❸185	37466	1	Pipe-Intake
❸186	32653	1	Link-Governor
❸191	36559B	1	S E Brake Bracket ASM (Includes 206)
❸206	610973	1	Terminal
❸207	34336A	1	Link-Throttle
❸216	33086	1	Lever-Adjusting, R P M
❸223	650451	2	Screw (1/4-20 X 1)
❸224	36786	1	Gasket-Pipe, Intake
❸238	650932	2	Screw (10-32 X 49/64)
❸239	34338	1	Gasket-Air Cleaner
❸241	36919	1	Collar-Air Cleaner
❸245B	36905	1	Filter-Air Cleaner (Paper)
❸250B	37122	1	Cover-Air Cleaner
❸260	37696A	1	Housing-Blower
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
❸300	37947	1	Fuel Tank ASM (Includes 292, 301)
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
❸347	650898A	4	Screw (10-32 X 27/32)
❸355	590701	1	Handle-Starter (STD)
❸370	37695	1	Decal-Primer
❸370	35977	1	Decal-Warning
❸380	640350	1	Carburetor ASM
❸390	590702	1	Starter-Recoil
❸400	37613A	1	Gasket Set
❸420	730225A	1	Oil-Engine, Sae 30 (4-Cycle)
❶❸999	730277	1	Summer Maintenance Kit (Includes Sae 30 Oil)

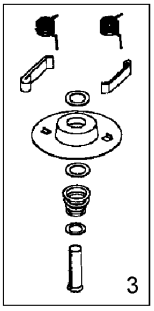
Ref	Part No.	Qty.	Description
❶❸0	806173B	1	Replacement Engine
❶❸0	750876	1	Shortblock-Replacement

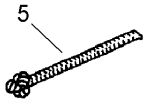


This illustratation may not depict actual equipment and is for reference purposes only









Recoil Starter Assembly No. 590702
Tecumseh LV195EA-362089D

Ref	Part No.	Qty.	Description
❸1	590702	1	Starter-Recoil
❸2	590700	1	Pulley And Rewind Spring ASM
❸3	590774	1	Repair Kit
❸4	590701	1	Handle-Starter
❸5	590535	1	98 Starter Rope (Cut To Length)

Attachments and Accessories

For 20072A - 22in Recycler Lawn Mower

Product Name	Model/Part
Tuneup Kit	20235
Replacement Bag	59303
Bagger Kit	59304
22 Inch Blade Kit	59534

NOTES

NOTES


TORO®