



22in Recycler[®] Lawnmower

Model No. 20031 - 240000001 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.

Contents

Description	Page	Description	Page
Housing Assembly	..... 3	Engine Assembly No. 2 Tecumseh No. LEV120-362004A	..... 13
Front Axle and Wheel Assembly	..... 4	Recoil Starter Assembly No. 590739 Tecumseh No. LEV120-362004A	..... 16
Rear Axle and Transmission Assembly	..... 5	Recoil Starter Assembly No. 590702 (Optional) Tecumseh No. LEV120-362004A	..... 17
Transmission Assembly No. 106-3956	..... 6	Electric Starter Kit No. 37753 Tecumseh No. LEV120-362004A	..... 18
Engine and Blade Assembly	..... 7		
Handle Assembly	..... 8		
Electrical Assembly	..... 9		
Grass Bag Assembly	..... 10		
Carburetor Assembly No. 640303 Tecumseh No. LEV120-362004A	..... 15		
Engine Assembly No. 1 Tecumseh No. LEV120-362004A	..... 11		

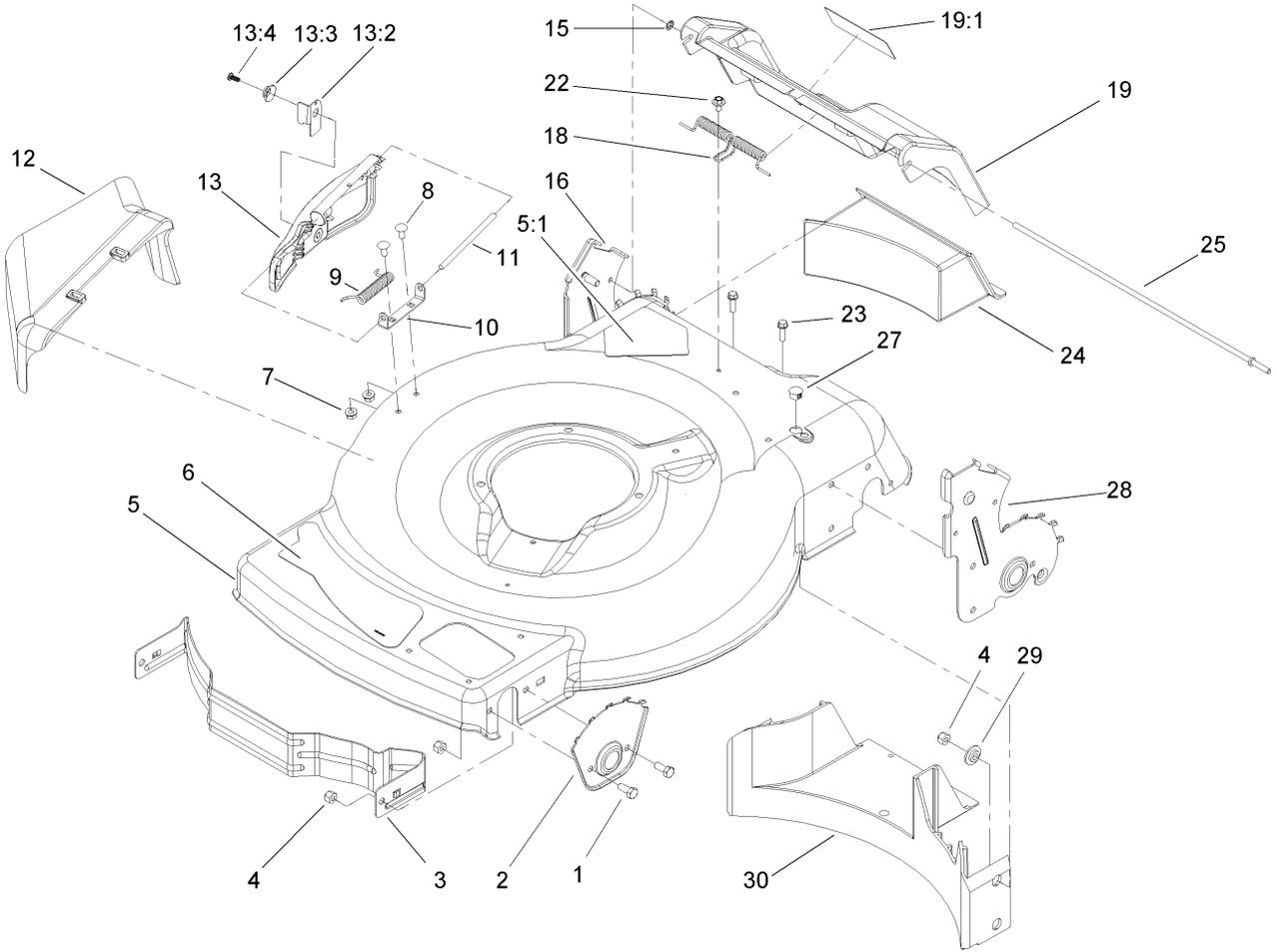
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. as required	INC. incorporated
ASM. assembly	LH. left hand
CARR. carriage	NI. nylon insert
DEG. degrees	PPH. phillips pan head
FH. flat head	PTH. phillips truss head
GA. gauge	PTO. power take off
HF. hex flange	RH. right hand
HH. hex head	SFH. slotted fillister head
HHF. hex head flange	SHH. slotted hex head
HHFTF. hex head flange thread forming	SHWH. slotted hex washer head
HJ. hex jam	SPH. slotted pan head
HLH. hex lag head	SQH. square head
HOC. height-of-cut	SRH. slotted round head
HS. hex	STD. standard
HSBH. hex socket button head	TAP. self tapping
HSFH. hex socket flat head	TTH. torx truss head
HSH. hex socket head	WH. wing head
HWH. hex washer head	
HWHTF. hex washer head thread forming	
HYD. hydraulic	

Footnotes

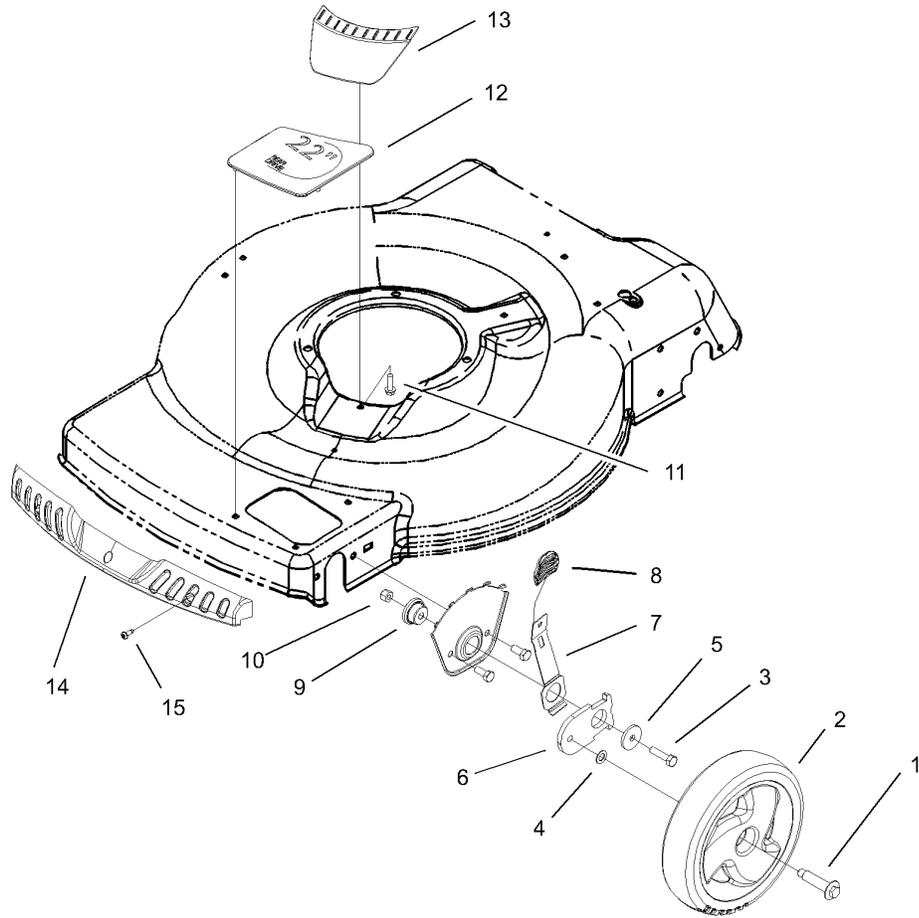
- ❶ Not serviced separately
- ❷ Obtain parts from your local Tecumseh dealer
- ❸ Included in Gasket Kit No. 37613



Housing Assembly

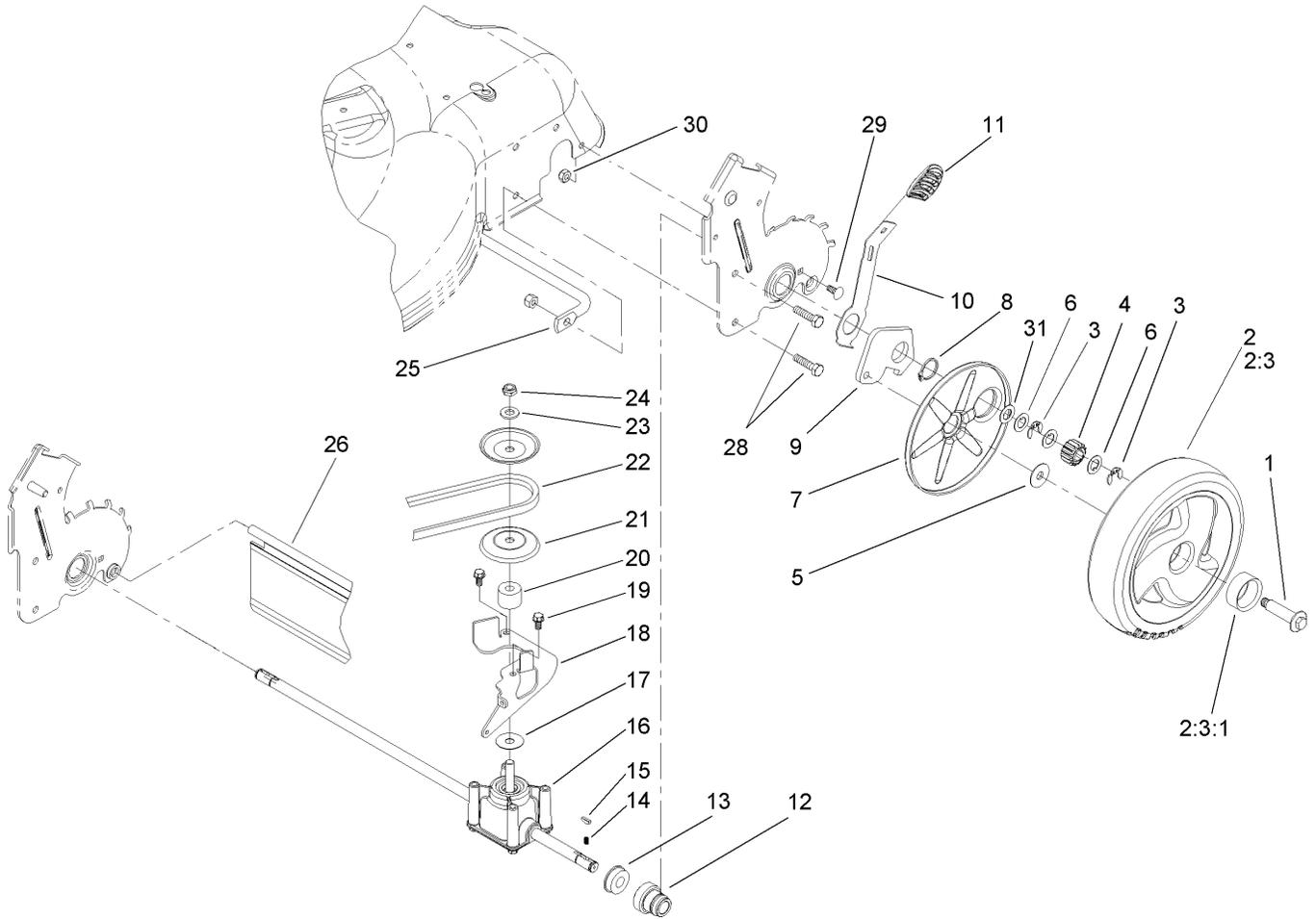
Ref	Part No.	Qty.	Description
1	322-3	4	Screw-HH
2	105-1808-03	2	Plate-Hoc, Front
3	104-8694-03	1	Baffle-Front
4	3296-29	8	Nut-Lock, NI
5	104-7915	1	Housing
5:1	105-6838	1	Decal-Danger
6	105-1297	1	Decal-Deck
7	32128-32	2	Nut-HHF
8	3229-11	2	Screw-CARR
9	99-5293	1	Spring-Torsion
10	99-5292	1	Bracket-Cover
11	99-5291	1	Rod-Cover
12	105-3028	1	Chute-Side Discharge
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	Pushnut
16	107-0790	1	RH Rear HOC Plate ASM
18	105-3032	1	Spring-Door, Rear
19	105-1323	1	Door
19:1	105-1295	1	Decal-Warning
22	46-6810	1	Screw And Washer ASM
23	46-8091	2	Screw-HWH

Ref	Part No.	Qty.	Description
24	105-1842	1	Plug-Discharge, Rear
25	105-1827	1	Rod-Pivot, Rear Door
27	104-9369	1	Plug-Dome
28	107-0783	1	LH Rear HOC Plate ASM
29	105-3006	4	Washer-Stepped
30	105-1834	1	Baffle-Rear



Front Axle and Wheel Assembly

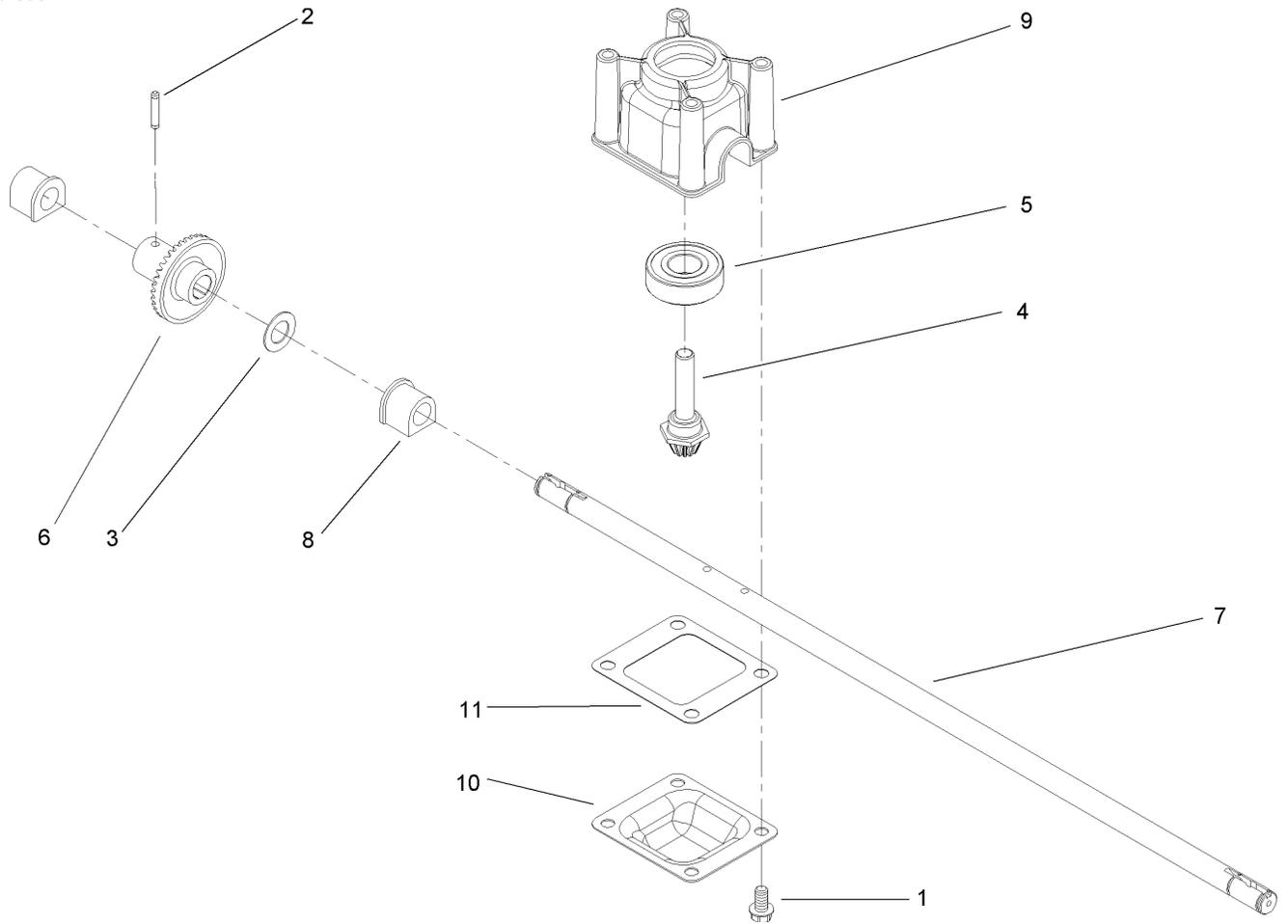
Ref	Part No.	Qty.	Description				
1	614650	2	Bolt-Shoulder				
2	105-1814	2	Wheel ASM				
3	322-6	2	Screw-HH				
4	40-1940	2	Washer				
5	105-3048	2	Washer-Flat				
6	105-1807	2	Arm-Pivot, Front				
7	105-1809	2	Arm-Spring				
8	105-3042	2	Knob-Lever, HOC				
9	105-1818	2	Bushing-Mount, HOC				
10	3296-29	2	Nut-Lock, NI				
11	46-8091	1	Screw-HWH				
12	105-3004	1	Cover-Cutout				
13	105-3005	1	Cover-Belt Opening				
14	104-9359	1	Bumper-Mower				
15	105-6849	3	Screw-Thread Forming				



Rear Axle and Transmission Assembly

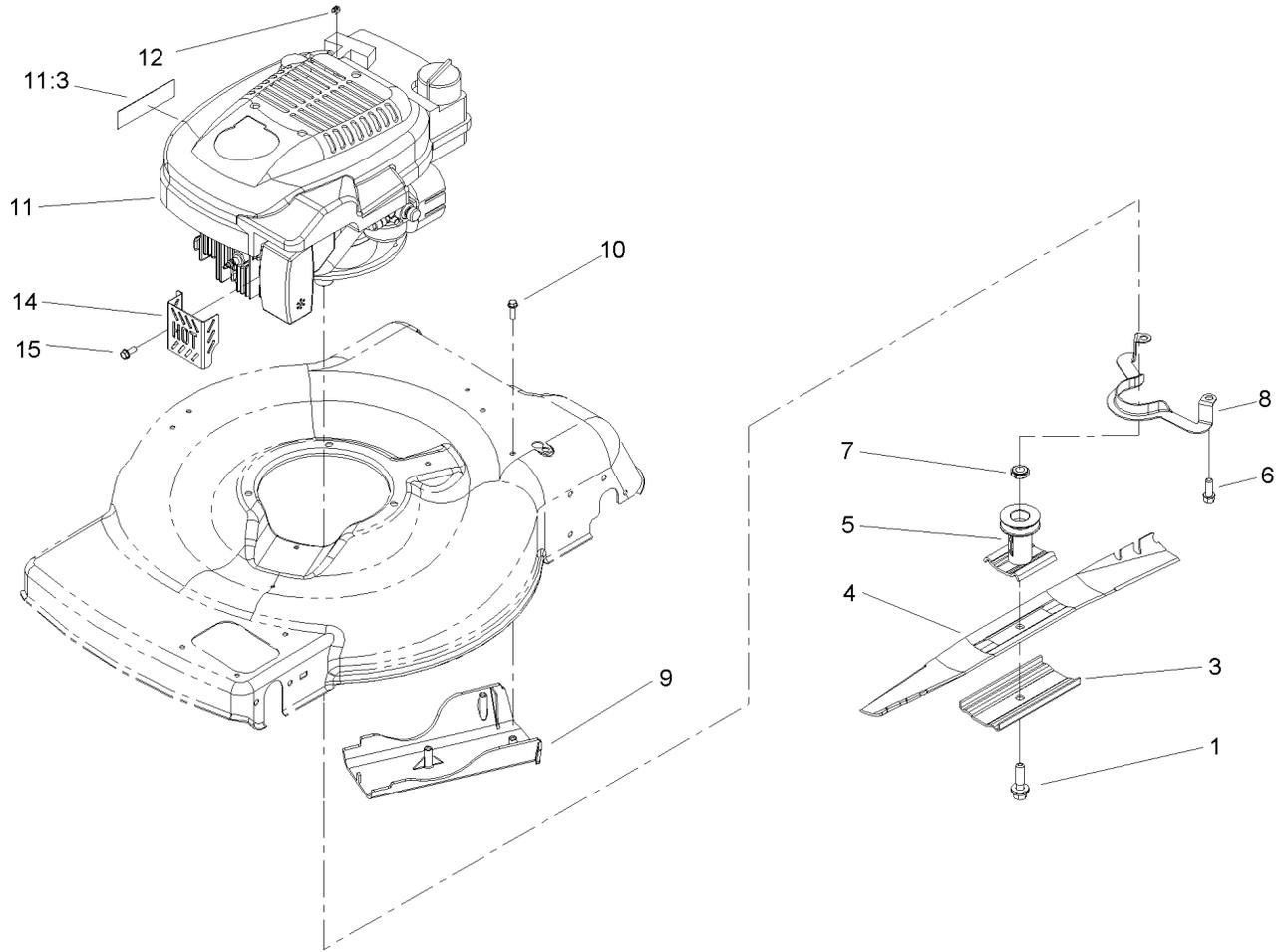
Ref	Part No.	Qty.	Description
1	614650	2	Bolt-Shoulder
2	105-3036	2	Wheel Gear ASM
2:3		1	Wheel Bushing ASM
2:3:1	27-6250	2	Bushing
3	65-2720	4	Klipring-Locking
4	105-3040	2	Gear-Pinion, 15t
5	614426	2	Washer-Stepped
6	105-6840	6	Washer-Thrust
7	105-1838	2	Cover-Wheel
8	32151-36	2	Ring-Retaining
9	105-1819	2	Arm-Pivot, Rear
10	105-1809	2	Arm-Spring
11	105-3042	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	106-3956	1	Transmission ASM
17	105-6814	1	Washer-Shield
18	105-1832-03	1	Bracket-Pivot, Rwd
19	32144-4	2	Screw-HWH
20	92-5791	1	Spacer
21	100-1176	2	Pulley-Half
22	91-2258	1	V-Belt

Ref	Part No.	Qty.	Description
23	3256-24	1	Washer-Flat
24	3296-5	1	Nut-Lock, NI
25	105-1811	1	Brace-HOC Plate
26	105-1843	1	Shield-Trailing
28	322-6	4	Screw-HH
29	3229-11	2	Screw-CARR
30	3296-16	2	Nut-Lock, NI
31	36-4780	1	Washer



Transmission Assembly No. 106-3956

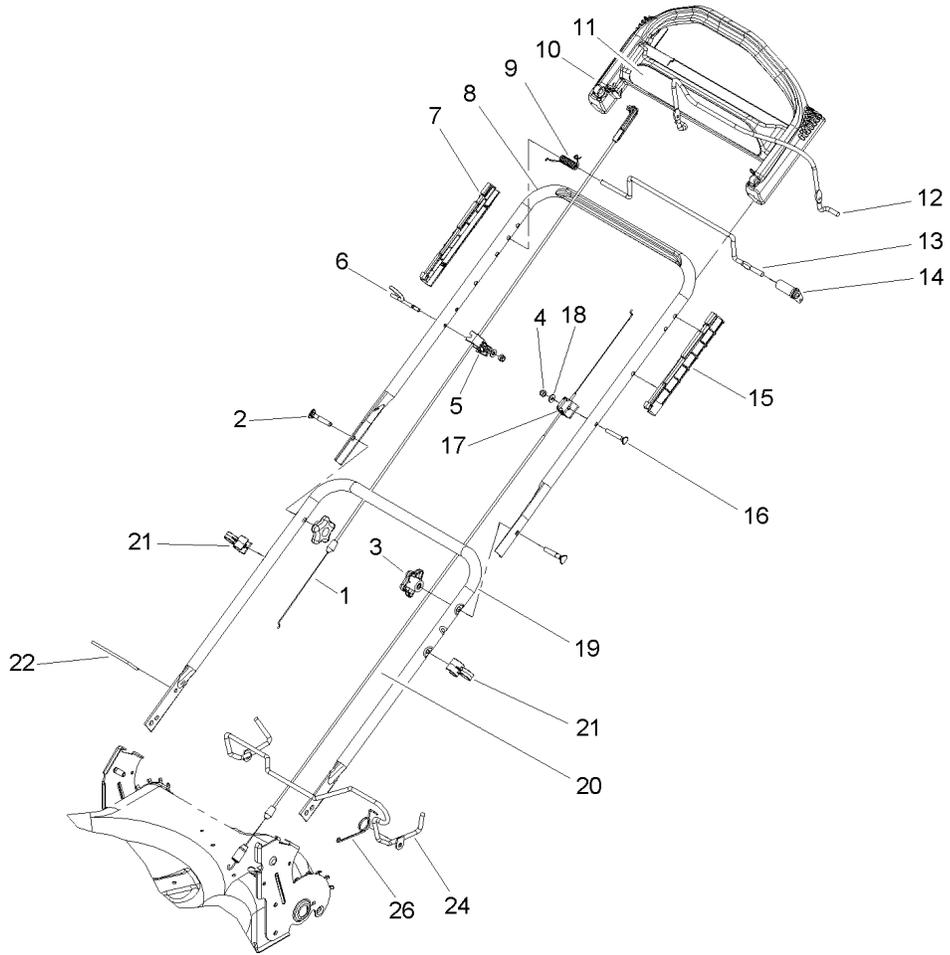
Ref	Part No.	Qty.	Description				
1	32144-4	4	Screw-HWH				
2	3285-19	1	Pin-Groove				
3	36-4780	1	Washer				
4	92-5790	1	Pinion				
5	100-1048	1	Bearing-Ball				
6	104-8671	1	Gear-Bevel, 37t				
7	106-3957	1	Shaft-Output				
8	104-8673	2	Bushing-Shaft, Output				
9	104-8674	1	Gearcase-Upper				
10	104-8675-03	1	Cover-Gearcase				
11	105-6839	1	Gasket-Gearcase				



Engine and Blade Assembly

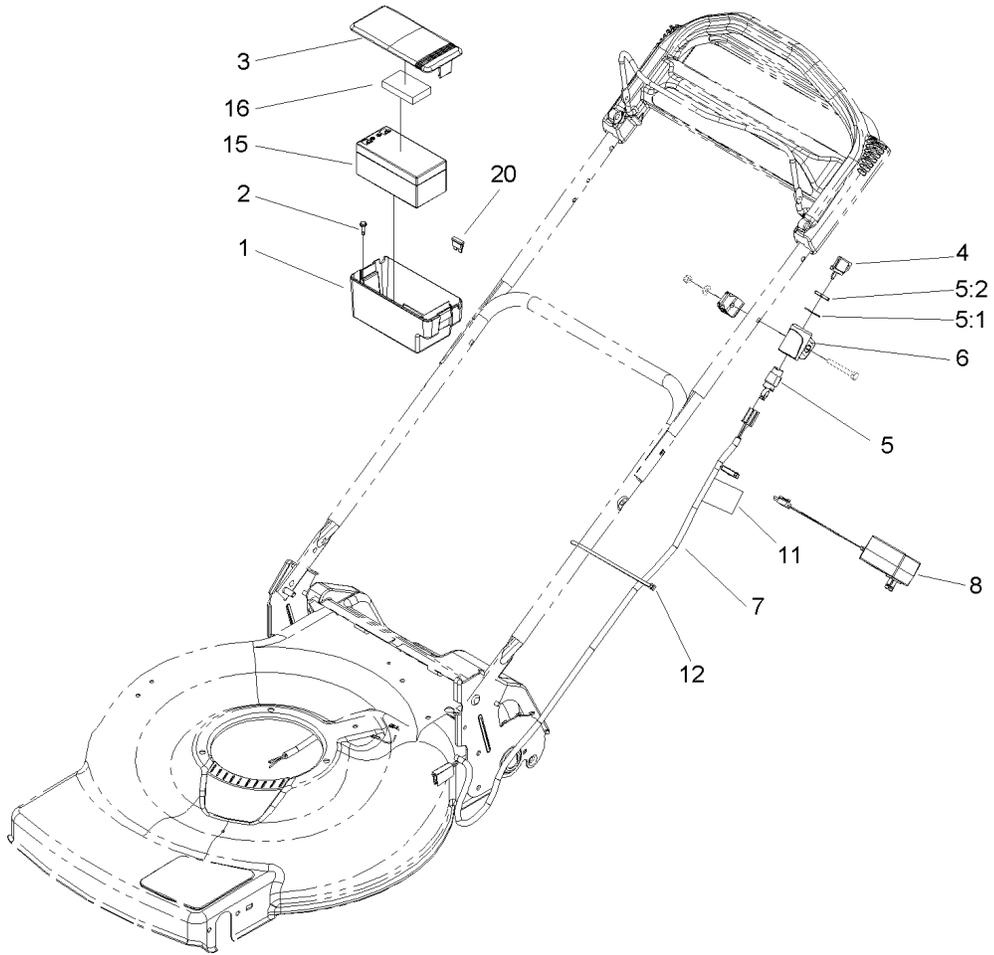
Ref	Part No.	Qty.	Description
1	105-8579	1	Bolt-Blade
3	105-3029-03	1	Support-Blade
4	104-8697-03	1	Blade-22 Inch
5	106-3987	1	Blade Driver ASM
6	95-1726	3	Screw-Taptite
7	106-3999	1	Spacer-Driver
8	105-3030-03	1	Guide-Belt
9	105-1835	1	Cover-Belt, Rear
10	46-8091	3	Screw-HWH
11		1	Engine-Tecumseh, Lev120-362004a
11:3	106-8374	1	Decal-Recoil
12	92-1701	1	Stop-Rope
14	106-8346-03	1	Guard-Muffler
15	32144-85	1	Screw-HWH

--	--	--	--



Handle Assembly

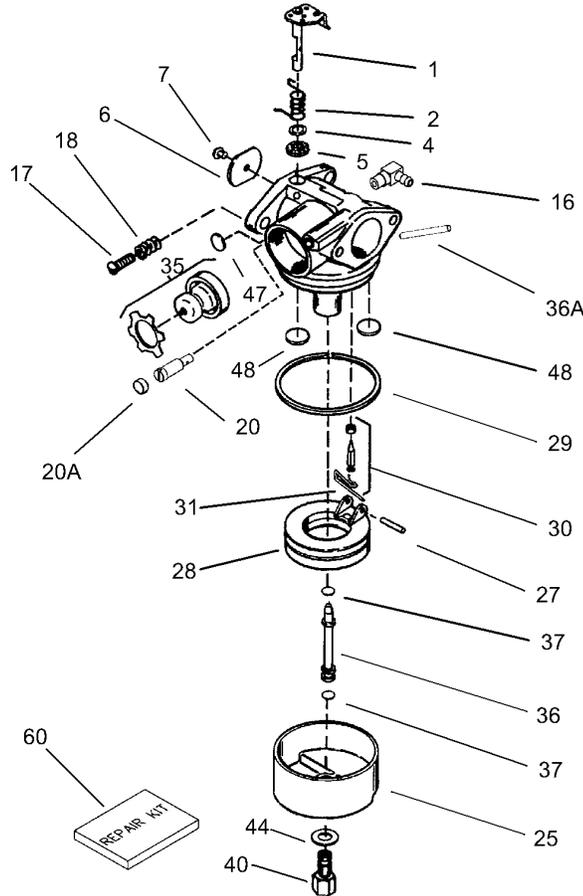
Ref	Part No.	Qty.	Description
1	104-8676	1	Cable-Brake
2	92-2260	2	Screw-Handle
3	106-4161	2	Knob-Handle
4	3296-73	2	Nut-Lock, NI
5	106-8331	1	Anchor-Cable
6	106-8330	1	Guide-Rope
7	105-6841	2	Guide-RH
8	104-8680-05	1	Handle-Upper
9	104-8690	1	Spring-Torsion
10	104-8678	1	Handle-Control
11	105-3033	1	Decal-Control Handle
12	104-8679-03	1	Bail-Brake
13	99-1588	1	Bar-Control, Traction
14	99-1589	1	Lever-Traction
15	105-6842	2	Guide-LH
16	321-50	1	Screw-HH
17	92-7729	1	Anchor-Cable, Upper
18	3256-1	2	Washer-Flat
19	107-0784-05	1	Handle-Lower
20	105-1844	1	Cable-Traction
21	106-6805	2	Guide-Cable
22	614249	1	Strap-Tie
24	107-0768	1	Release Lever ASM
26	107-7472	1	Spring-Torsion



Electrical Assembly

Ref	Part No.	Qty.	Description
1	107-3757	1	Box-Battery
2	104-7648	2	Screw-Tek
3	107-3758	1	Cover-Battery
4	63-8360	1	Key-Ignition
5	46-5780	1	Switch-Starter
5:1	3254-5	1	Washer-Tooth
5:2	218-461	1	Nut-HH
6	104-8692	1	Mount-Switch
7	106-8396	1	Harness-Wire
8	104-7401	1	Charger-12 Volt
11	104-7953	1	Decal-Harness
12	614249	2	Strap-Tie
15	106-8397	1	Battery-12 Volt
16	107-3774	1	Foam-Battery, Top
20	99-6124	2	Fuse-40 Amp

--	--	--	--



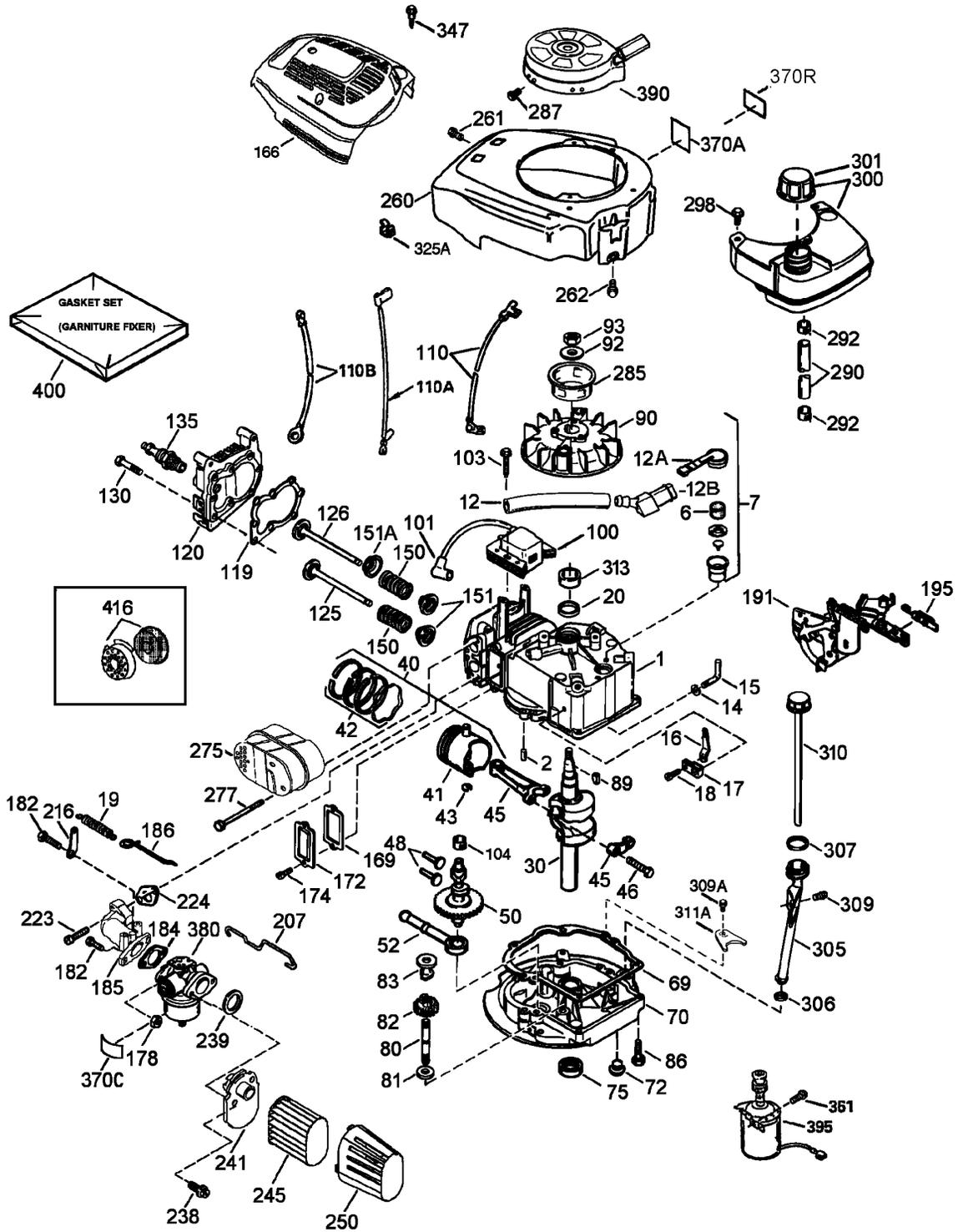
Carburetor Assembly No. 640303 Tecumseh No. LEV120-362004A

Ref	Part No.	Qty.	Description
0	640303	1	Carburetor (Incl. 184 Of Engine Parts List)
1	631615	1	Throttle Shaft And Lever ASM
2	631767	1	Throttle Return Spring
4	631184	1	Dust Seal Washer
5	631183	1	Dust Seal
6	640070	1	Throttle Shutter
7	650506	1	Shutter Screw
16	631807	1	Fuel Fitting
17	651025	1	Throttle Crack Screw/idle Speed Screw
18	630766	1	Tension Spring
20	640018	1	Idle Restrictor Screw
20A	640200	1	Idle Restrictor Screw Cap
25	631867	1	Float Bowl
27	631024	1	Float Shaft
28	632802	1	Float (Plastic)
29	631028	1	Float Bowl O-Ring
30	632807	1	Inlet Needle, Seat, & Clip (Incl. 31)
31	631022	1	Spring Clip
35	640259	1	Primer Bulb/retainer Ring
36	640019	1	Main Nozzle Tube
36A	632766	1	Bowl Vent Tube Extension
37	632547	2	O-Ring, Main Nozzle Tube

Ref	Part No.	Qty.	Description
40	640087	1	High Speed Bowl Nut
44	27110A	1	Bowl Nut Washer
47	630748	1	Welch Plug, Idle Mixture Well
48	631027	2	Welch Plug, Atmospheric Vent
60	632809	1	Repair Kit (Incl. Items Marked * In Notes)

Engine Assembly No. 1

Tecumseh No. LEV120-362004A



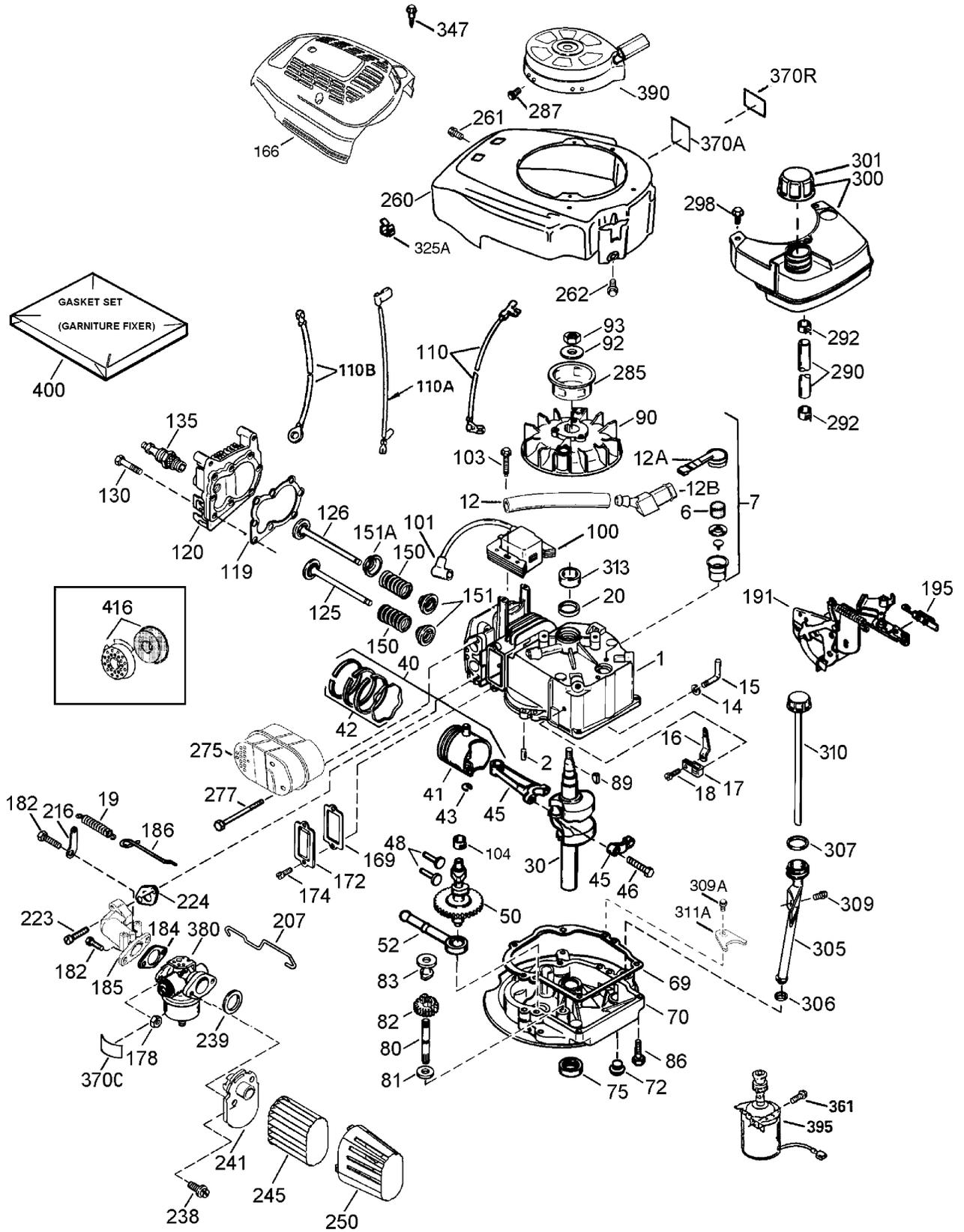
Engine Assembly No. 1

Tecumseh No. LEV120-362004A

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
②1	37465	1	Cylinder (Incl. Ref. #2, 20 And 150)	②125	36780	1	Valve-Exhaust (1/32" Os) (Incl. Ref. #151)
②2	26727	2	Pin-Dowel	②125	37288	1	Valve-Exhaust (Std.) (Incl. Ref. #151)
②6	33734	1	Element-Breather	②126	37289	1	Valve-Intake (Std.) (Incl. Ref. #151 And 151a)
②7	36557	1	Breather ASM (Incl. Ref. #6 And 12a)	②130	6021A	8	Screw, 5/16-18 X 1-7/16in
②12	36775	1	Tube-Breather	②135	35395	1	Resistor Spark Plug (Rj19Im)
②12A	36558	1	Breather Cover And Tube ASM (Incl. Ref. #12b)	②150	31672	2	Spring-Valve
②12B	36694	1	Elbow-Breather Tube	②151	31673	2	Cap-Valve Spring
②14	28277	1	Washer	②151A	40017	1	Seal-Intake Valve
②15	30589	1	Rod-Governor (Incl. Ref. #14)	②166	37694	1	Shroud-Engine
②16	34839A	1	Lever-Governor	②③169	36783	1	Gasket-Valve Cover
②17	31335	1	Lever Clamp-Governor	②172	36784	1	Cover-Valve
②18	651018	1	Screw, T-15, 8-32 X 19/64in	②174	30200	2	Screw, 10-24 X 9/16in
②19	36281	1	Spring-Extension	②178	29752	2	Nut & Lock Washer, 1/4-28
②20	32600	1	Seal-Oil	②182	6201	2	Screw, 1/4-28 X 7/8in
②30	37692	1	Crankshaft	②③184	26756	1	Carburetor To Intake Pipe Gasket
②40	40027	1	Piston, Pin And Ring Set (Std.)	②185	37466	1	Pipe-Intake
②41	40042	1	Piston And Pin ASM (Std.) (Incl. Ref. #43)	②186	32653	1	Link-Governor
②42	40006	1	Ring Set (Std.)	②191	36559	1	Bracket-Brake, S.e. (Incl. Ref. #195)
②43	20381	2	Piston Pin Retaining Ring	②195	610973	1	Terminal
②45	36777	1	Connecting Rod ASM (Incl. Ref. #46)	②207	34336A	1	Link-Throttle
②46	32610A	2	Bolt-Connecting Rod	②216	33086	1	Lever-R.p.m. Adjusting
②48	27241	2	Valve-Lifter	②223	650451	2	Screw, 1/4-20 X 1in
②50	37460	1	Camshaft (Exhaust Mcr) (Incl. Ref. #104)	②③224	36786	1	Gasket-Intake Pipe
②52	29914	1	Oil Pump Asm.	②238	650932	2	Screw, 10-32 X 49/64in
②③69	37609	1	Gasket-Mounting Flange	②③239	34338	1	Gasket-Air Cleaner
②70	37608	1	Flange-Mounting (Incl. Ref. #72-83, 306, 309a And 311a)	②241	36919	1	Collar-Air Cleaner
②72	37614	1	Plug-Oil Drain	②245	36905	1	Filter-Air Cleaner
②75	27897	1	Seal-Oil	②250	37122	1	Cover-Air Cleaner
②80	30574A	1	Shaft-Governor	②260	37696A	1	Housing-Blower
②81	30590A	1	Washer	②261	30200	2	Screw, 10-24 X 9/16in
②82	30591	1	Governor Gear ASM (Incl. Ref. #81)	②262	650831	2	Screw, 1/4-20 X 1/2in
②83	30588A	1	Spool-Governor	②275	37498	1	Muffler
②86	650488	6	Screw, 1/4-20 X 1-1/4in	②277	650988	2	Screw, 1/4-20 X 2-9/32in
②89	611004	1	Key-Flywheel	②285	35000A	1	Cup-Starter
②90	37787	1	Flywheel	②287	650926	2	Screw, 8-32 X 21/64in
②92	650815	1	Washer-Belleville	②290	29774	1	Line-Fuel
②93	650816	1	Nut-Flywheel	②292	26460	2	Clamp-Line, Fuel
②100	34443C	1	Ignition-Solid State	②298	28763	2	Screw
②101	610118	1	Cover-Spark Plug	②300	35586A	1	Tank-Fuel (Incl. Ref. #292 And 301)
②103	651007	2	Screw, T-15, 10-24 X 15/16in				
②104	37480	1	Bushing-Cam				
②110	37047	1	Wire-Ground				
②110A	36953	1	Wire ASM				
②110B	36954	1	Wire ASM				
②③119	36787	1	Gasket-Cylinder Head				
②120	36825	1	Head-Cylinder				

Engine Assembly No. 2

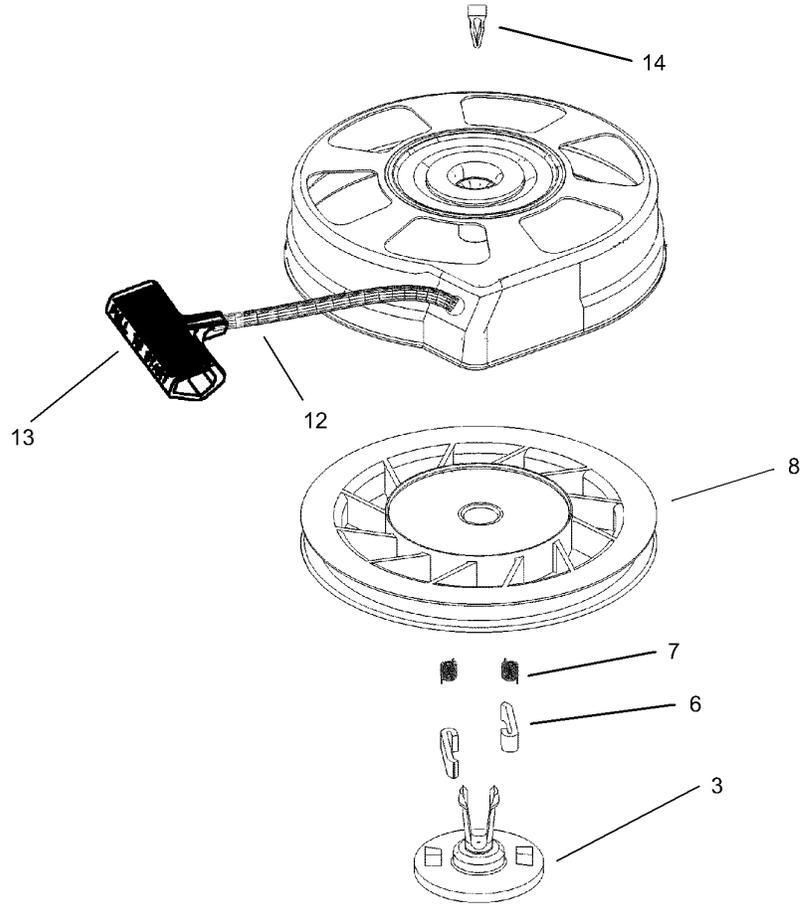
Tecumseh No. LEV120-362004A



Engine Assembly No. 2

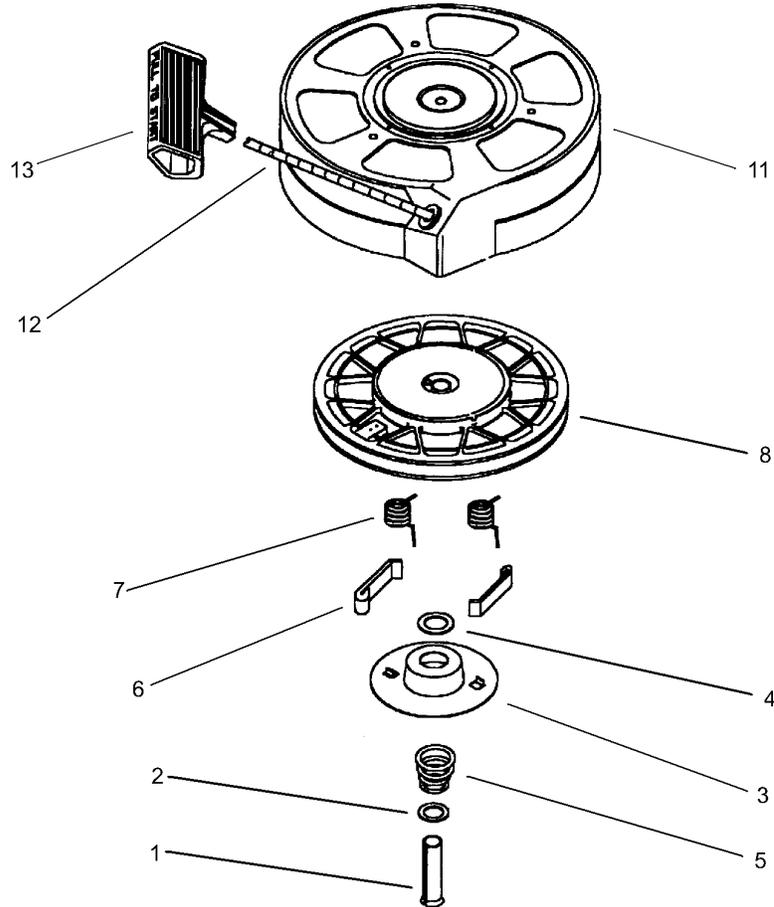
Tecumseh No. LEV120-362004A

Ref	Part No.	Qty.	Description				
②301	36246	1	Fuel Cap ASM				
②305	35647	1	Tube-Oil Fill				
②③306	37610	1	Inoin-Ring				
②307	35499	1	Inoin-Ring				
②309	650562	1	Screw, 10-32 X 1/2in				
②309A	650783	1	Screw, 10-24 X 3/4in				
②310	35648	1	Dipstick				
②311A	37611	1	Bracket-Hold Down				
②313	34080	1	Spacer				
②325A	29443	1	Wire Clip				
②347	650898A	1	Screw, 10-32 X 27/32in				
②361	650831	2	Screw, 1/4-20 X 1/2in				
②370A	36261	2	Decal-Lubrication				
②370C	37695	1	Decal-Primer				
②370R	35977	1	Decal-Warning				
②380	640303	1	Carburetor (Incl. Ref. #184)				
②390	590739	1	Starter-Rewind				
②395	37753	1	Starter-Electric 12 Volt				
②400	37613	1	Gasket Set				
②416	37530	1	Spark Arrestor Kit (Optional)				
②	750876	1	Shortblock				



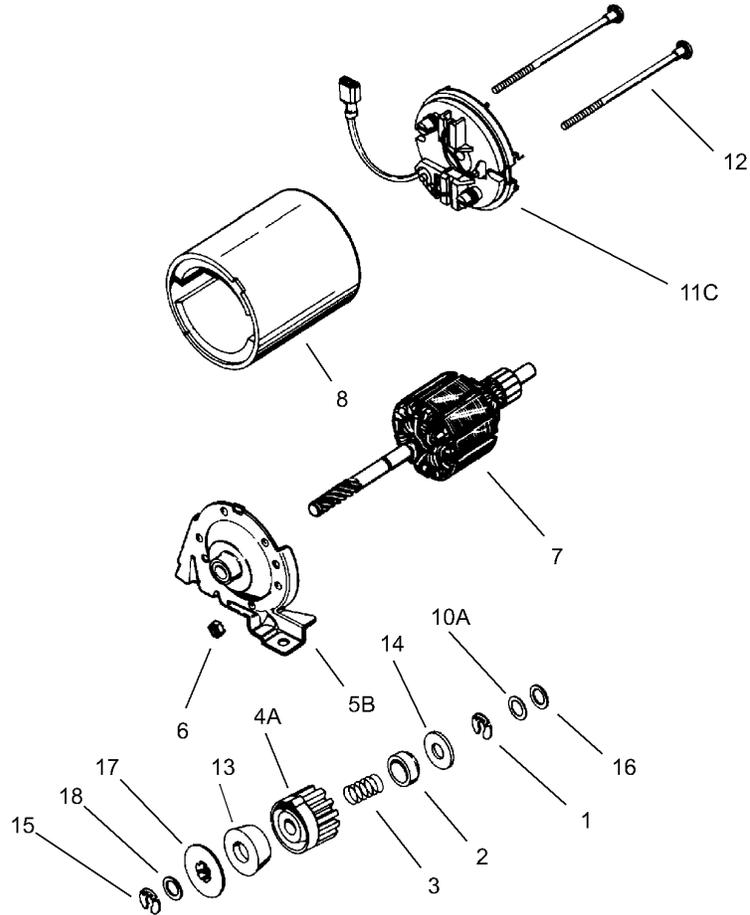
Recoil Starter Assembly No. 590739 Tecumseh No. LEV120-362004A

Ref	Part No.	Qty.	Description				
3	590740	1	Retainer				
6	590616	2	Starter Dog				
7	590617	2	Dog Spring				
8	590618A	1	Pulley And Rewind Spring ASM				
11	590638A	1	Starter Housing ASM (40 Degree Grommet)				
12	590535	1	Starter Rope (98in X 9/64in Dia.)				
13	590701	1	Starter Handle				
14	590760	1	Spring Clip				



**Recoil Starter Assembly No. 590702 (Optional)
Tecumseh No. LEV120-362004A**

Ref	Part No.	Qty.	Description				
1	590599A	1	Spring Pin ASM (Incl. Ref. #4)				
2	590600	1	Washer				
3	590696	1	Retainer				
4	590601	1	Washer				
5	590697	1	Brake Spring				
6	590698	2	Starter Dog				
7	590699	2	Dog Spring				
8	590700	1	Pulley And Rewind Spring Asm.				
11	590703A	1	Starter Housing Asm. (40 Degree Grommet)				
12	590535	1	Starter Rope (98in X 9/64in Dia.)				
13	590701	1	Starter Handle				



Electric Starter Kit No. 37753 Tecumseh No. LEV120-362004A

Ref	Part No.	Qty.	Description				
1	34955	1	Ring-Retaining				
2	34950	1	Spring-Retainer				
3	34954	1	Spring				
4A	37788	1	Gear				
5B	34943	1	Drive End Cap ASM				
6	33450	2	Nut-Lock				
7	34944	1	Armature				
8	34945	1	Housing ASM				
10A	590500	1	Washer-Thrust				
11C	35714	1	Commutator End Cap ASM (Incl. Brushes)				
12	34947	2	Bolt				
13	34946	1	Driver-Pinion				
14	34951	1	Washer-Cup				
15	34952	1	Ring-Retaining				
16	34948	1	Washer				
17	34953	1	Nut-Drive				
18	590608	1	Washer				

NOTES

