

LAWN-BOY®

Silver Pro Series™ Walk-Behind Mower

Model No. 10324 – 9900001 & Up

PROTOTYPE

Parts Catalog

ORDERING REPLACEMENT PARTS

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

Contents

Description	Page	Description	Page
Housing Assembly	1	Gear Case Assembly	8
Engine & Blade Assembly	2	Carburetor Assembly	9
Rear Axle Assembly	3	Bagging Assembly	10
Handle Assembly	4	Lawn–Boy Part Number Index	11–14
Engine Assembly	5	Maintenance	15–17
Engine Assembly (Continued)	6		
Crankshaft Assembly	7		

Note:

Accessories

Description	Model / Parts No.	Description	Model / Parts No.
Side Bagging Kit	Model No. 89817	Leaf Shredder Kit	Model No. 89860
Leaf Bag Kit	Model No. 89804	Leaf Bag w/Chute	Model No. 89811

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	HWHTF	hex washer head thread forming
ASM	assembly	INC	incorporated
CARR	carriage	LH	left hand
DEG	degrees	PH	pan head
FH	flat head	PPH	Phillips pan head
GA	gauge	PTO	power take off
HF	hex flange	RH	right hand
HFV	hex flange washer	SFH	slotted fillister head
HH	hex head	SH	square head
HHF	hex head flange	SHWH	slotted hex washer head
HHST	hex head self tapping	SPH	slotted pan head
HJ	hex jam	STD	standard
HOC	height-of-cut	TAP	self tapping
HS	hex socket	TH	truss head
HSBH	hex socket button head	TTH	Torx truss head
HSFH	hex socket flat head	WH	wing head
HS	hex socket head		
HWH	hex washer head		

Important Format Explanations

This catalog uses special formats to convey information in illustrations and parts lists. Specifically, one format is used in conjunction with service assemblies and another with quantities associated with reference numbers.

Service Assemblies

Parts within service assemblies have reference numbers in the form $X:Y$. X is the reference number of the service assembly and Y is 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.

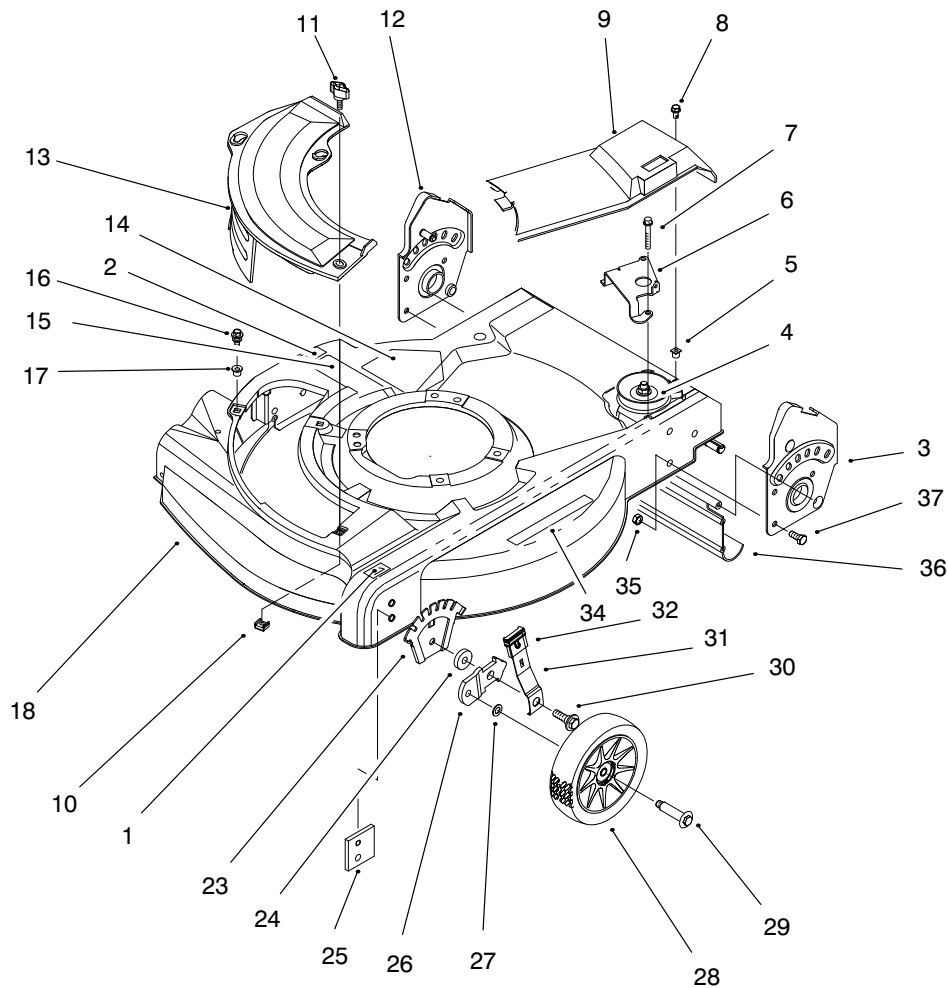
Reference numbers of this type appear in part lists and as callouts in illustrations.

Reference Numbers with Quantities

Illustrations may have a quantity in parentheses next to a reference number, in the form $X (Y)$. X is the reference number. Y in parentheses is the quantity of the part identified by the reference number.

For example, the illustration callout 4 (2) indicates that two parts are used in that instance.

PROTOTYPE



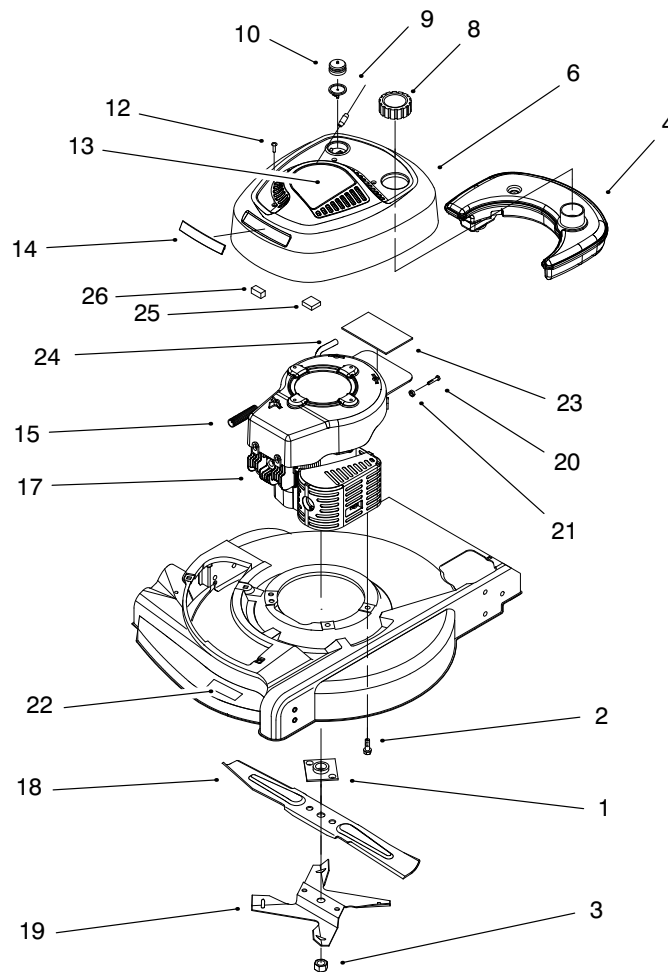
Sheet No.:2

Housing Assembly

Ref. No.	Part No.	Qty.	Description
1	92-2915	1	Decal – HOC L
2	92-2914	1	Decal – HOC R
3	92-7724	1	LH Handle Brkt ASM
4	95-7412	1	Assembly – Gear Case
5	605120	1	Grommet
6	95-1732-03	1	Guide-Transmission
7	65-5221	2	Screw-Thread Forming
8	92-9665	1	Screw-Pth
9	95-7413	1	Cover – Drive
10	613765	1	Nut-Cage
11	98-8332	1	Knob
12	92-7723	1	RH Handle Brkt ASM
13	92-8630	1	Plate-Mulch
14	43-8480	1	Decal-Danger
15	99-6018	1	Decal-Warning
16	614677	2	Screw- Sems
17	94-1610	2	Grommet – Plastic
18	98-4472	1	ASM-Housing & Baffle
23	92-4881-03	2	Plate – Hght Adj
24	92-4890	2	Washer – Wheel
25	92-7731	2	Plate – Baffle
26	95-7403-03	2	Bracket-Wheel Ht Adj
27	40-1940	2	Washer-Wheel Bolt

Ref. No.	Part No.	Qty.	Description
28	684776	2	6" Wheel & Tire ASM
29	92-1099	2	Bolt-Shoulder 6" Wheel
30	614672	2	Bolt-Shoulder
31	614687	2	Arm-Front Spring
32	92-1008	4	Knob-Height Adj Lever
34	93-7250	1	Decal-Safety
35	3296-29	6	Nut-Lock Ni
36	92-8647	1	Shield – Trailing
37	322-3	6	Screw-HH
†	95-7052	1	Plate – Chute Opening

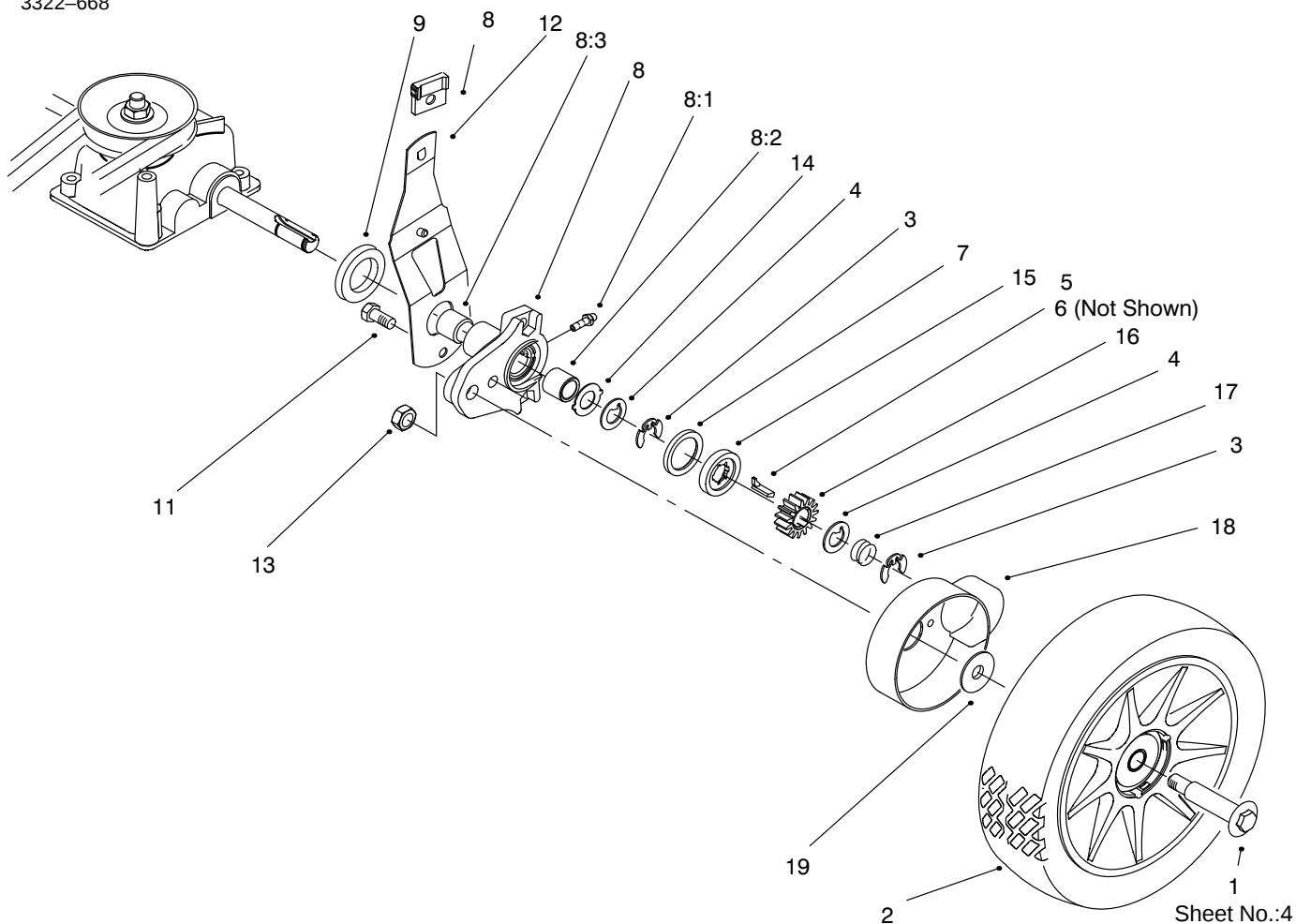
† Not Illustrated



Sheet No.:3

Engine & Blade Assembly

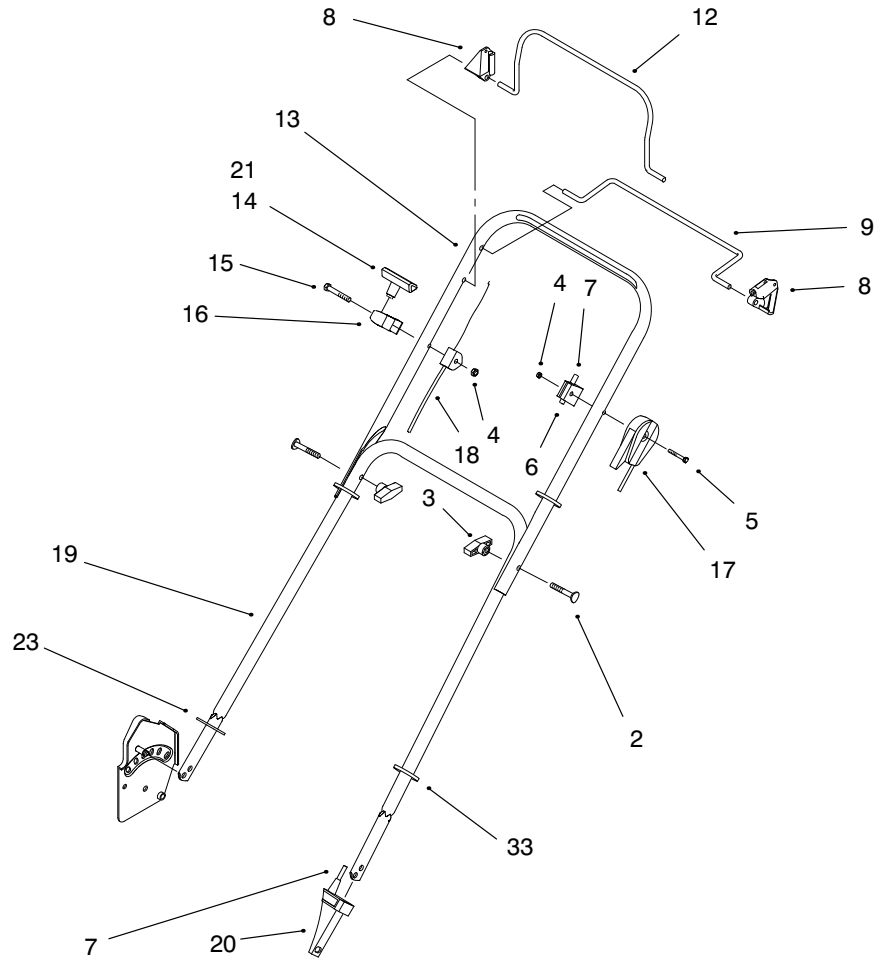
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	677525	1	Plate & Collar ASM				
2	611774	3	Screw-HH				
3	603164	1	Nut-Blade				
4	95-1897	1	Tank				
6	98-7033	1	ASM-Shroud/Recoil Cover				
8	98-8344	1	Assembly - Cap, Fuel/Oil				
9	44-2750	1	Body-Primer				
10	66-7460	1	Bulb-Primer				
12	95-7621	3	Screw-Pan Sems				
13	95-7417	1	Decal - Recoil				
14	92-8615	1	Applique-Shroud				
15	93-4306	1	Spring - Compression				
17		1	Engine Ay Sp Silver				
18	612543	1	Blade-21" Whirl				
19	99-6351-03	1	Fan - Mulching				
20	314576	1	Screw-Sems				
21	306531	1	Nut-Hex				
23	98-1386	1	Pad-Foam				
24	612782	1	Line-Gas				
25	99-1521	1	Strip-Foam				
26	99-1522	2	Strip-Foam				



Rear Axle Assembly

Ref. No.	Part No.	Qty.	Description
1	92-1057	2	Bolt-Shoulder
2	92-1042	2	8" Wheel & Tire ASM.
3	65-2720	4	Klip Ring-Special
4	65-4740	4	Washer-Keyed Thrust
5	66-6050	1	Key-Rocking LH
6	66-6040	1	Key-Rocking
7	65-4710	2	Ring-Friction
8	92-7746	2	ASM-Hgt Adj Arm, Rear
8:1	302-56	1	Fitting-Zerk
8:2	47-2900	1	Bushing
8:3	70-9760	1	Bushing
9	614447	2	Spacer-Axle Shaft
11	32144-85	2	Screw-HH
12	92-1004	2	Spring Arm ASM - Rear
13	610358	2	Nut-Jam, Locking
14	65-4730	2	Washer-Pivot Arm
15	65-4760	2	Washer
16	65-4750	2	Pinion-Gear, 15t
17	65-4720	2	Spring-Compression
18	94-1609	2	Cover-Wheel
19	614426	2	Washer-Stepped

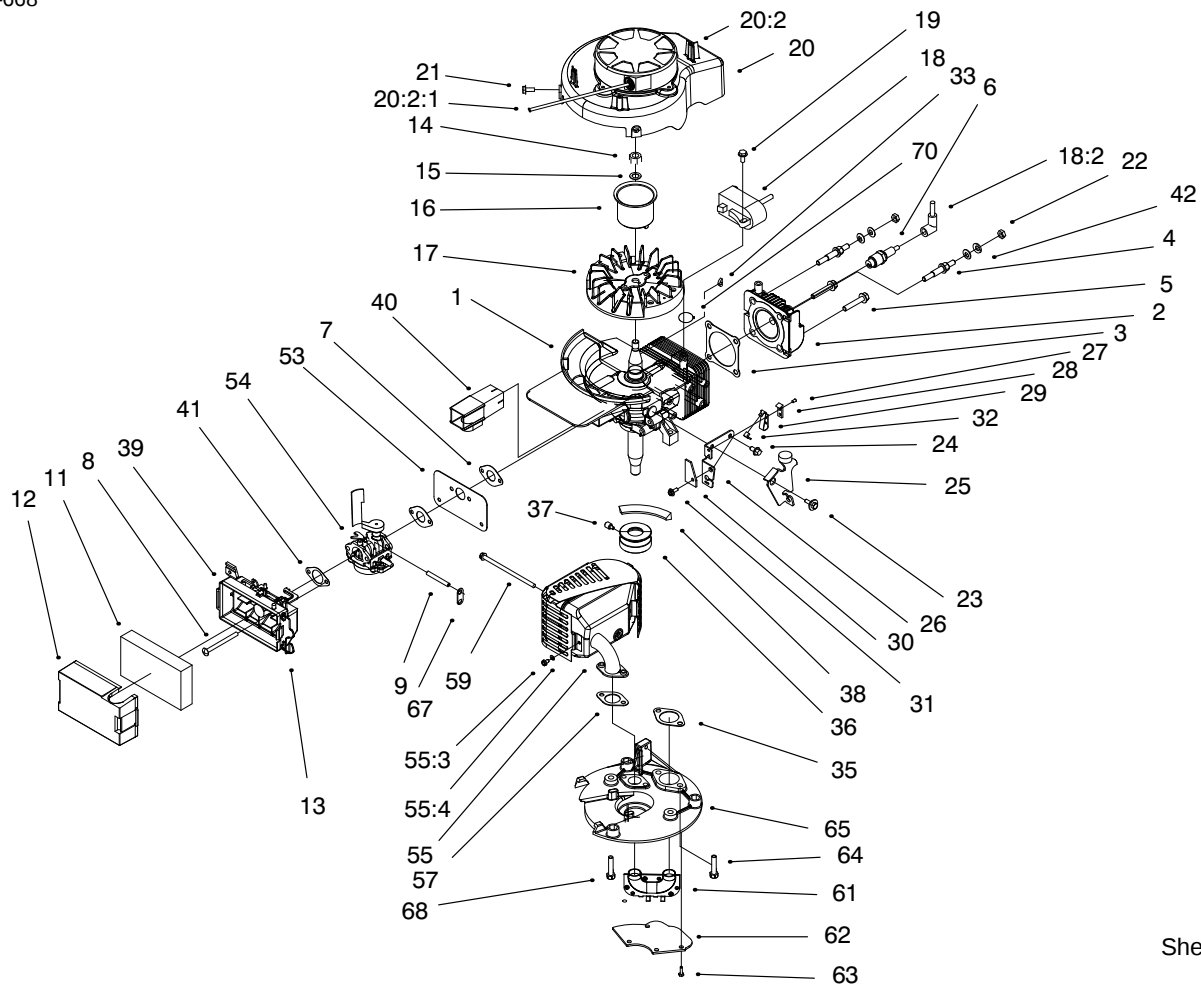
Ref. No.	Part No.	Qty.	Description
OTOTYPE			



Sheet No.:5

Handle Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
2	614697	2	Screw-HH				
3	98-7134	2	Knob-Handle				
4	3296-73	2	Nut-Lock Ni				
5	321-49	1	Screw-Hex Hd				
6	92-7729	1	Anchor-Upper Sp Cable				
7	98-8328	1	Cable - Traction				
8	92-5412	2	Stop-Pivot				
9	92-1001-03	1	Bail-Sp Control				
12	93-4184-03	1	Bail - Brake				
13	95-1713-05	1	Handle - Upper				
14	612825	1	Handle-Start Eat				
15	321-50	1	Screw-HH				
16	93-7383	1	Rope - Guide				
17	95-7415	1	Cable - Throttle				
18	92-7738	1	Cable - Flywheel Brake				
19	614643-05	1	Section-Lower Handle				
20	93-7380	1	Anchor - Cable				
21	612824	1	Starter-Clip Eat				
23	93-3653	1	Guard - Handle				
33	614249	3	Strap-Tie				

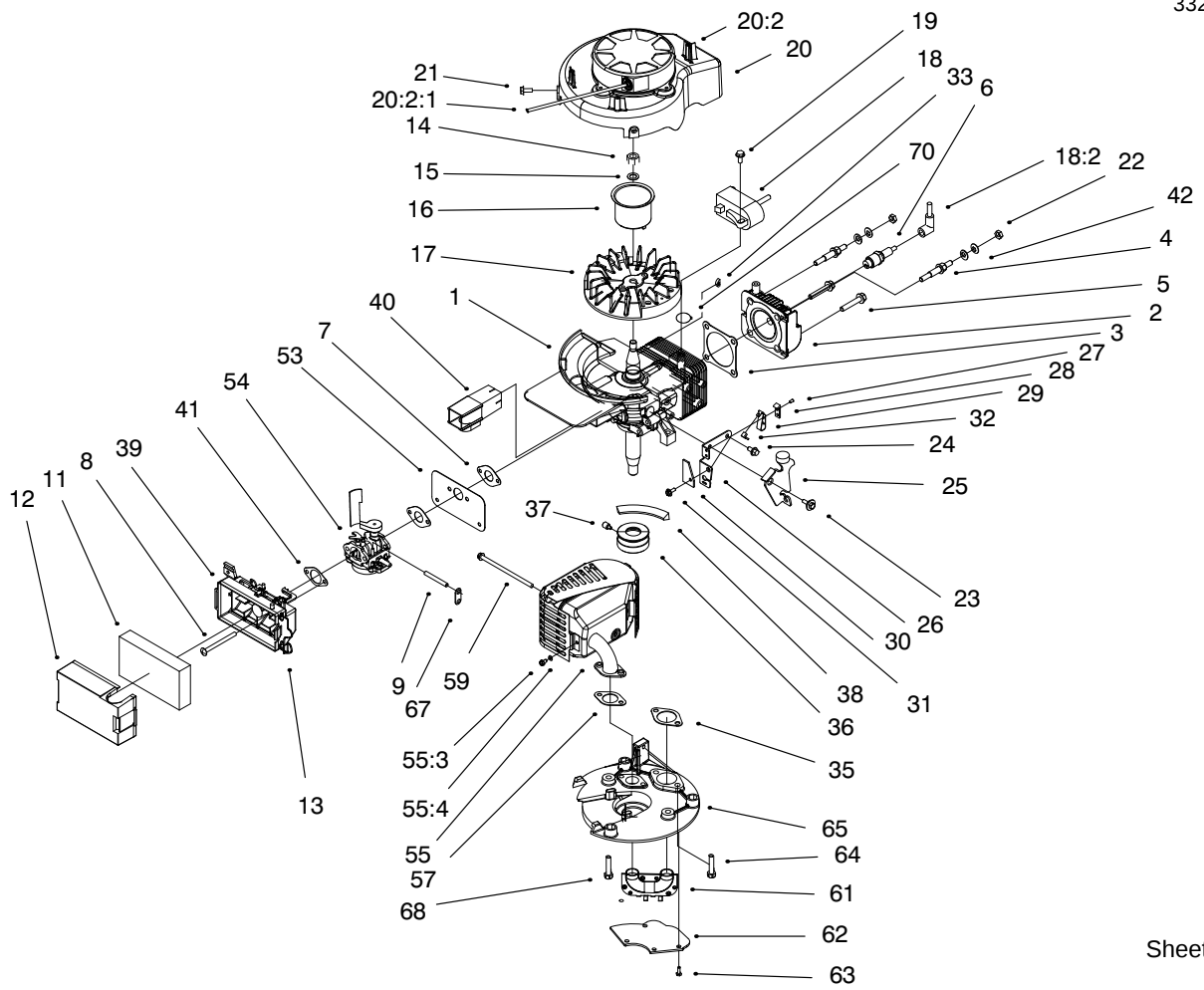


Sheet No.:A2

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7636	1	Short Block Ay
2	94-5776	1	Head-(Mach)
3	94-5778	1	Gasket-Head
4	94-5779	2	Stud
5	94-5780	2	Bolt - Head
6	50-1170	1	Plug-Spark
7	94-5795	2	Gasket-Intake
8	612507	2	Screw
9	95-1861	1	Hose-Primer
11	95-5574	1	Filter-Air
12	95-5577	1	Cover-Air Filter
13	610383	1	Retainer-Fil.
14	130743	1	Nut
15	316959	1	Washer-Lock
16	95-1786	1	Cup-Starter
17	95-1866	1	Flywheel Machined
18	92-1152	1	Ignition-Cd
18:2	681678	1	Ht Lead&cover
18:2	684698	1	Cover & Term. Ay
19	613208	4	Screw-Cd Mtg
20	95-1868	1	Shroud-Recoil
20:2	99-6713	1	Recoil And Decal ASM
20:2:1	613773	1	Rope
21	700094	2	Screw-HH
22	146501	2	Nut
23	95-1870	1	Screw-Shoulder

Ref. No.	Part No.	Qty.	Description
24	95-1871	1	Screw-HWH
25	93-4312	1	Brake Plate Ay
26	84-7820	1	Plate-Brake Mtg
27	3290-459	2	Rivet-Plastic
28	92-2925	1	Strap-Insulation
29	60-9010	1	Strap-Ground
30	53-4690	1	Stop-Gr Strap
31	12-5450	1	Screw-Special
32	98-7037	1	Wire - Lead
33	607199	1	Key
35	95-1778	1	Gasket-Exhaust
36	95-1878	1	Pulley
37	613227	1	Screw - Set
38	92-1043	1	V Belt
39	95-5588	1	Base Ay-(Air Filter)
40	95-5578	1	Tunnel
41	95-7613	1	Gasket-Filter
42	3290-456	4	Washer-Belleville
53	98-1388	1	Shield - Carb.
54	98-7042	1	Carb. ASM
55	98-7048	1	Muffler And Guard ASM
55:3	98-1394	2	Screw-HWH
55:4	3254-1	2	Washer-Lock/Int
57	98-1392	1	Gasket E
59	611228	1	Bolt-Console

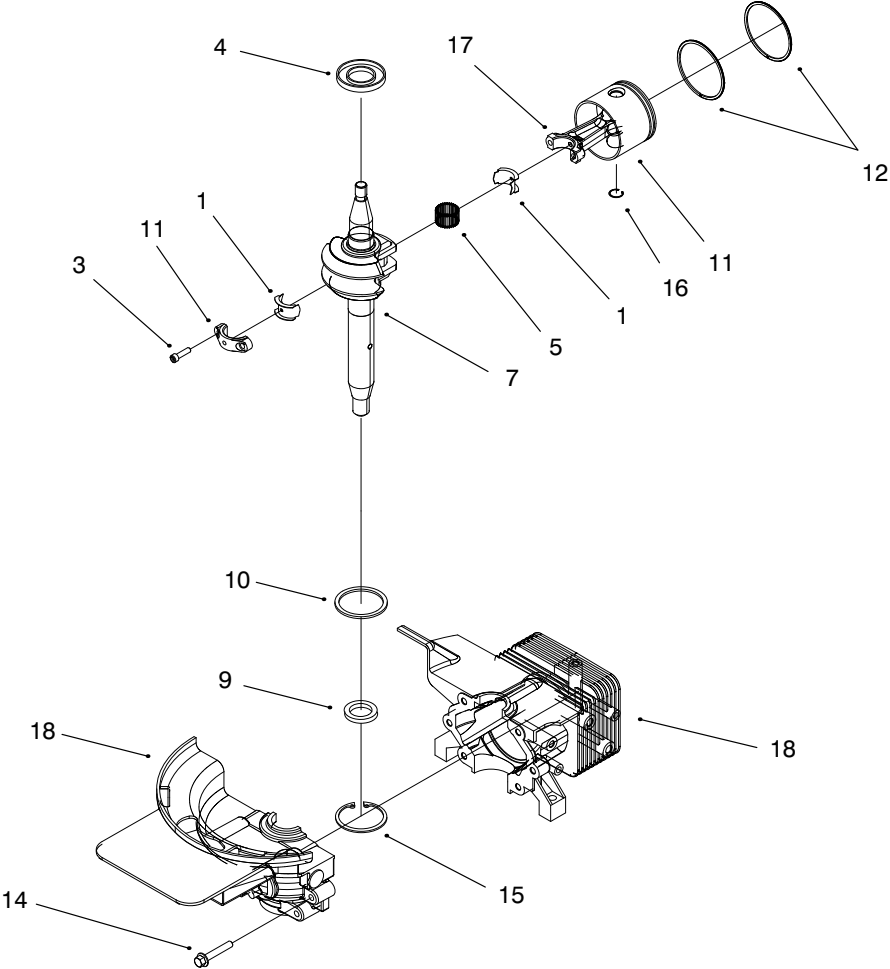


Sheet No.:A2

Engine Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
61	98-1557	1	Pipe-Transfer				
62	98-1591	1	Cover-Muffler				
63	700822	4	Screw-HH				
64	322-17	2	Screw-HH				
65	98-1384	1	Plate-Muffler				
67	95-7615	1	Hose-Retainer				
68	322-7	2	Screw-HH				
70	317893	1	Strap-Tie				

PROTOTYPE

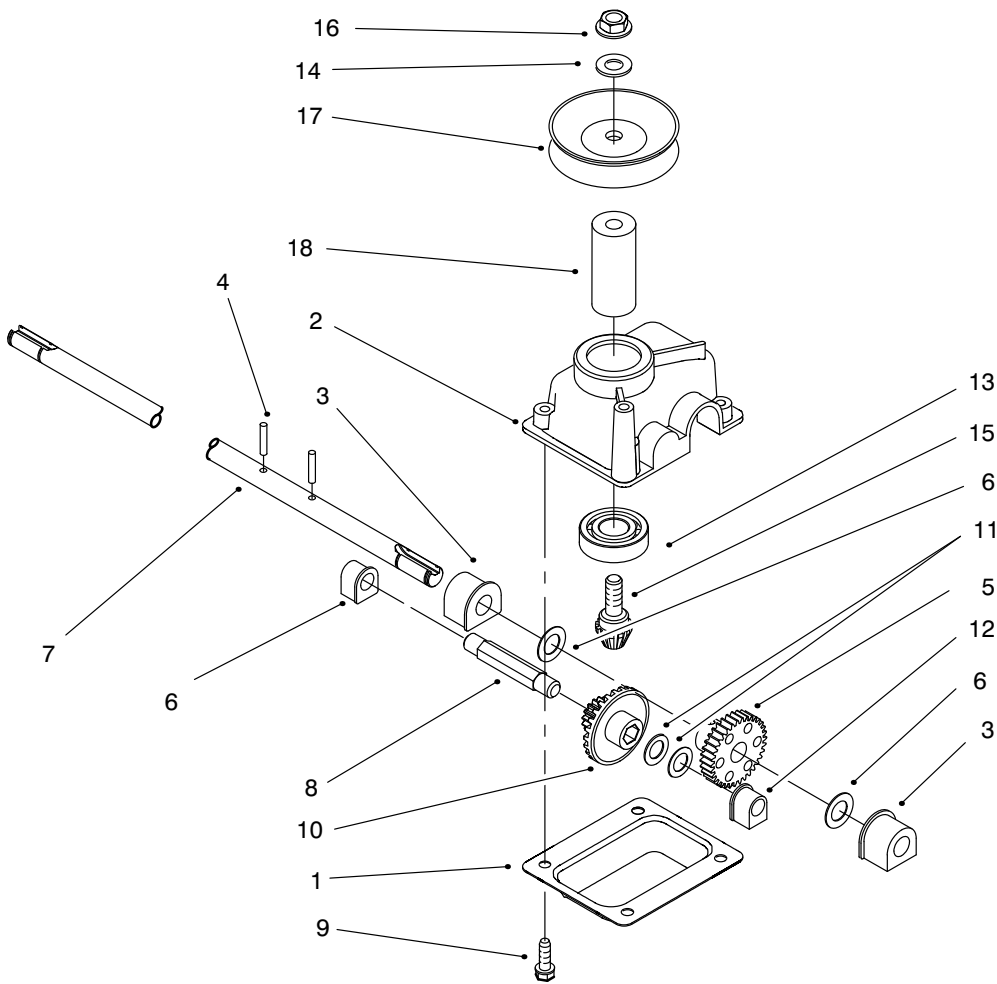


Sheet No.:A5

Short Block Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	677982	1	Liner Ay				
†2	610372	2	Sealer-Loctite				
†2	609790	2	Sealant-50cc #2				
3	611393	4	Screw-Rod				
4	611396	1	Seal- Oil				
5	683911	1	Bearing-Needle				
7	99-2920	1	Crankshaft And Bearing ASM For Service				
9	94-5764	1	Seal-Oil				
10	94-5765	1	Ring-Retaining				
11	95-7628	1	Piston ASM With Piston Rings				
12	95-7626	1	Ring Set - Service				
14	94-5781	12	Screw				
15	98-7046	1	Ring - Retaining				
16	303712	2	Ring- Retaining				
17	95-7629	1	Connecting Rod ASM				
18	95-7631	1	Cylinder And Crankcase ASM				

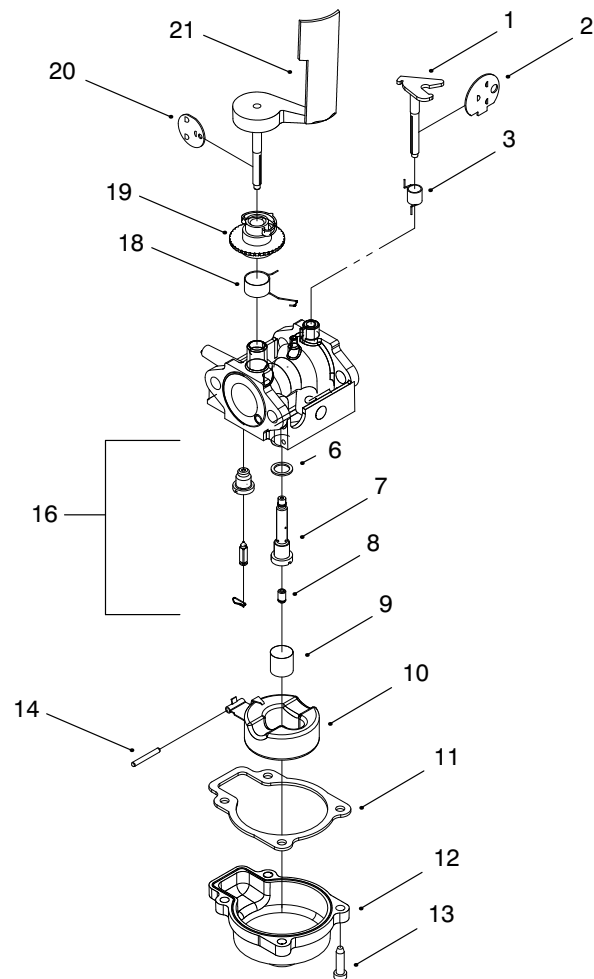
† Not Illustrated



Sheet No.:A8

Gear Case Assembly

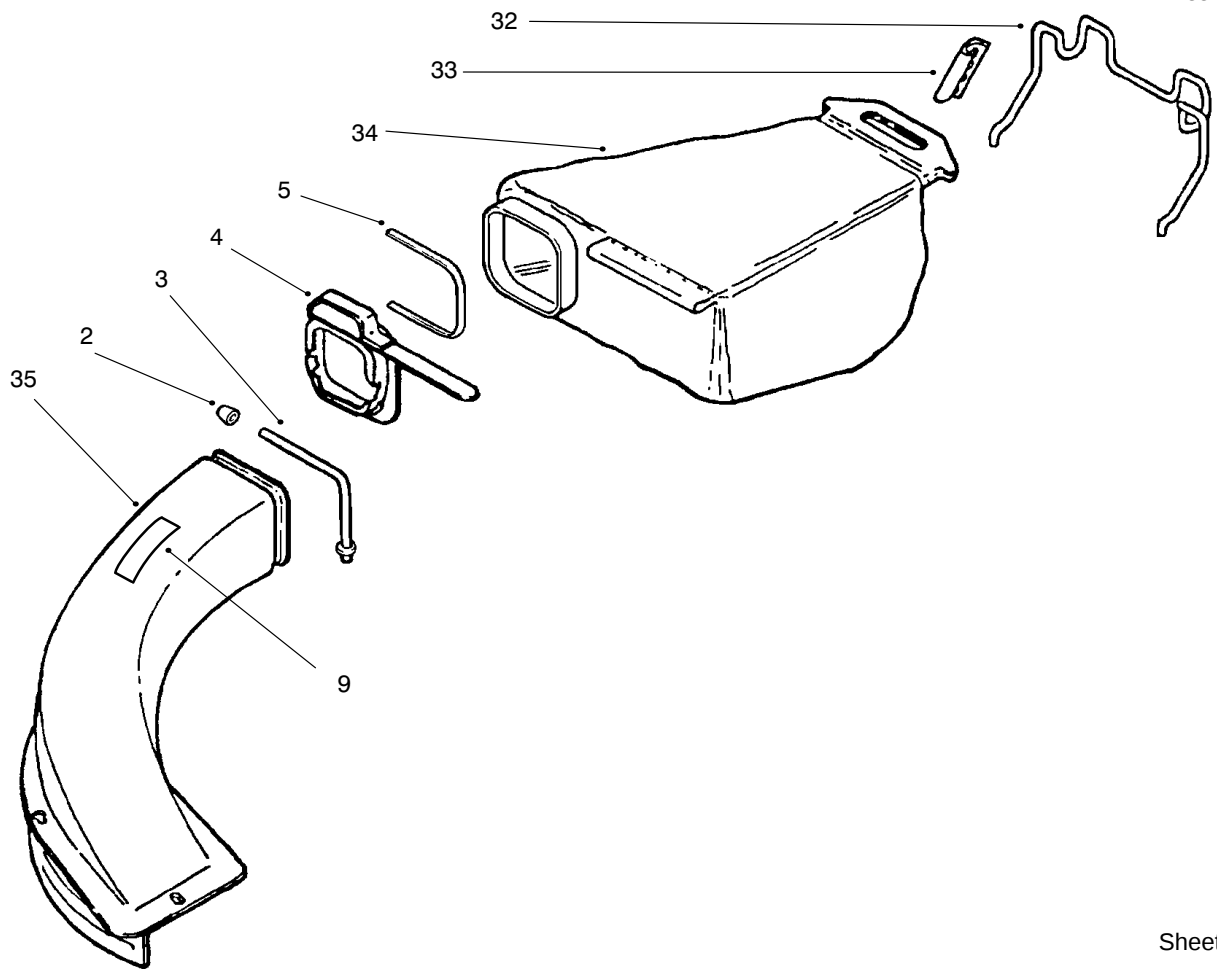
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	614668	1	Cover–Gear Case				
2	92–7727	1	Gearcase–Upper Ss				
3	60–8850	2	Bushing–Output				
4	3285–19	2	Pin–Spirol				
5	614596	1	Gear–34t				
6	36–4780	2	Washer–Thrust				
7	93–0239	1	Shaft–Output				
8	614696	1	Shaft–Intermediate				
9	32144–4	4	Screw–TAP				
10	55–3760	1	15 T Pinion				
11	36–4791	2	Washer–Thrust				
12	60–8750	2	Bushing				
13	38–7820	1	Bearing–Ball				
14	3256–24	1	Washer–Flat				
15	95–1731	1	Gear–Pinion				
16	3296–5	1	Nut–Lock				
17	614669	2	Pulley–Half				
18	95–5550	1	Spacer–pulley				



Sheet No.:A6

Carburetor Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	95-5581	1	Shaft-Choke				
2	94-5788	1	Disc - Choke				
3	95-5583	1	Spring-Choke				
6	612383	1	Washer				
7	98-7001	1	Nozzle				
8	98-1357	1	Jet - Main 77.5				
9	94-5787	1	Filter - Fuel				
10	95-1899	1	Float&arm Ay				
11	98-1362	1	Gasket				
12	92-9691	1	Chamber-Float				
13	608850	4	Screw-HH				
14	92-6389	1	Pin				
16	92-9697	1	Val/Seat-Float				
18	98-7011	1	Spring-Gov.				
19	610834	1	Airvane-Collar				
20	98-7047	1	Disc-Throttle				
21	92-6376	1	Air Vane&shaft				



Sheet No.:A7

Bagger Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
2	614589	1	Nut-Cap				
3	614591	1	Support-Chute				
4	684727	1	ASM-Adapter				
5	614700	1	Tie Strap				
9	92-2919	1	Decal-Danger				
32	613455	1	Wire Hanger,				
33	613462-03	2	Clamp-Hanger				
34	684728	1	Bag & Adapter ASM				
35	684729	1	Chute & Support				

Lawn—Boy Part Number Index

Part No.	Page No.	Ref. No.	Qty.	Description
130743	5	14	1	Nut
146501	5	22	2	Nut
303712	7	16	2	Ring—Retaining
306531	2	21	1	Nut—Hex
314576	2	20	1	Screw—Sems
316959	5	15	1	Washer—Lock
317893	6	70	1	Strap—Tie
603164	2	3	1	Nut—Blade
605120	1	5	1	Grommet
607199	5	33	1	Key
608850	9	13	4	Screw—HH
609790	7	2	2	Sealant—50cc #2
610358	3	13	2	Nut—Jam, Locking
610372	7	2	2	Sealer—Loctite
610383	5	13	1	Retainer—Fil.
610834	9	19	1	Airvane—Collar
611228	5	59	1	Bolt—Console
611393	7	3	4	Screw—Rod
611396	7	4	1	Seal—Oil
611774	2	2	3	Screw—HH
612383	9	6	1	Washer
612507	5	8	2	Screw
612543	2	18	1	Blade—21" Whirl
612782	2	24	1	Line—Gas
612824	4	21	1	Starter—Clip Eat
612825	4	14	1	Handle—Start Eat
613208	5	19	4	Screw—Cd Mtg
613227	5	37	1	Screw—Set
613455	10	32	1	Wire Hanger,
613765	1	10	1	Nut—Cage
613773	5	20:2:1	1	Rope
614249	4	33	3	Strap—Tie
614426	3	19	2	Washer—Stepped
614447	3	9	2	Spacer—Axle Shaft
614589	10	2	1	Nut—Cap
614591	10	3	1	Support—Chute
614596	8	5	1	Gear—34t
614668	8	1	1	Cover—Gear Case
614669	8	17	2	Pulley—Half
614672	1	30	2	Bolt—Shoulder
614677	1	16	2	Screw—Sems
614687	1	31	2	Arm—Front Spring
614696	8	8	1	Shaft—Intermediate
614697	4	2	2	Screw—HH
614700	10	5	1	Tie Strap
677525	2	1	1	Plate & Collar ASM
677982	7	1	1	Liner Ay
681678	5	18:2	1	Ht Lead&cover
683911	7	5	1	Bearing—Needle
684698	5	18:2	1	Cover & Term. Ay
684727	10	4	1	ASM—Adapter
684728	10	34	1	Bag & Adapter ASM
684729	10	35	1	Chute & Support
684776	1	28	2	6" Wheel & Tire ASM
700094	5	21	2	Screw—HH
700822	6	63	4	Screw—HH
12-5450	5	31	1	Screw—Special
36-4780	8	6	2	Washer—Thrust
36-4791	8	11	2	Washer—Thrust
38-7820	8	13	1	Bearing—Ball
40-1940	1	27	2	Washer—Wheel Bolt
43-8480	1	14	1	Decal—Danger

*Not Illustrated

Lawn-Boy Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
44-2750	2	9	1	Body-Primer
47-2900	3	8:2	1	Bushing
50-1170	5	6	1	Plug-Spark
53-4690	5	30	1	Stop-Gr Strap
55-3760	8	10	1	15 T Pinion
60-8750	8	12	2	Bushing
60-8850	8	3	2	Bushing-Output
60-9010	5	29	1	Strap-Ground
65-2720	3	3	4	Klip Ring-Special
65-4710	3	7	2	Ring-Friction
65-4720	3	17	2	Spring-Compression
65-4730	3	14	2	Washer-Pivot Arm
65-4740	3	4	4	Washer-Keyed Thrust
65-4750	3	16	2	Pinion-Gear, 15t
65-4760	3	15	2	Washer
65-5221	1	7	2	Screw-Thread Forming
66-6040	3	6	1	Key-Rocking
66-6050	3	5	1	Key-Rocking LH
66-7460	2	10	1	Bulb-Primer
70-9760	3	8:3	1	Bushing
84-7820	5	26	1	Plate-Brake Mtg
92-1001-03	4	9	1	Bail-Sp Control
92-1004	3	12	2	Spring Arm ASM - Rear
92-1008	1	32	4	Knob-Height Adj Lever
92-1042	3	2	2	8" Wheel & Tire ASM.
92-1043	5	38	1	V Belt
92-1057	3	1	2	Bolt-Shoulder
92-1099	1	29	2	Bolt-Shoulder 6" Wheel
92-1152	5	18	1	Ignition-Cd
92-2914	1	2	1	Decal - HOC R
92-2915	1	1	1	Decal - HOC L
92-2919	10	9	1	Decal-Danger
92-2925	5	28	1	Strap-Insulation
92-4881-03	1	23	2	Plate - Hght Adj
92-4890	1	24	2	Washer - Wheel
92-5412	4	8	2	Stop-Pivot
92-6376	9	21	1	Air Vane&shaft
92-6389	9	14	1	Pin
92-7723	1	12	1	RH Handle Brkt ASM
92-7724	1	3	1	LH Handle Brkt ASM
92-7727	8	2	1	Gearcase-Upper Ss
92-7729	4	6	1	Anchor-Upper Sp Cable
92-7731	1	25	2	Plate - Baffle
92-7738	4	18	1	Cable - Flywheel Brake
92-7746	3	8	2	ASM-Hgt Adj Arm, Rear
92-8615	2	14	1	Applique-Shroud
92-8630	1	13	1	Plate-Mulch
92-8647	1	36	1	Shield - Trailing
92-9665	1	8	1	Screw-Pth
92-9691	9	12	1	Chamber-Float
92-9697	9	16	1	Val/Seat-Float
93-0239	8	7	1	Shaft-Output
93-3653	4	23	1	Guard - Handle
93-4184-03	4	12	1	Bail - Brake
93-4306	2	15	1	Spring - Compression
93-4312	5	25	1	Brake Plate Ay
93-7250	1	34	1	Decal-Safety
93-7380	4	20	1	Anchor - Cable
93-7383	4	16	1	Rope - Guide
94-1609	3	18	2	Cover-Wheel
94-1610	1	17	2	Grommet - Plastic
94-5764	7	9	1	Seal-Oil

*Not Illustrated

Lawn-Boy Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
94-5765	7	10	1	Ring-Retaining
94-5776	5	2	1	Head-(Mach)
94-5778	5	3	1	Gasket-Head
94-5779	5	4	2	Stud
94-5780	5	5	2	Bolt - Head
94-5781	7	14	12	Screw
94-5787	9	9	1	Filter - Fuel
94-5788	9	2	1	Disc - Choke
94-5795	5	7	2	Gasket-Intake
95-1713-05	4	13	1	Handle - Upper
95-1731	8	15	1	Gear-Pinion
95-1732-03	1	6	1	Guide-Transmission
95-1778	5	35	1	Gasket-Exhaust
95-1786	5	16	1	Cup-Starter
95-1861	5	9	1	Hose-Primer
95-1866	5	17	1	Flywheel Machined
95-1868	5	20	1	Shroud-Recoil
95-1870	5	23	1	Screw-Shoulder
95-1871	5	24	1	Screw-HWH
95-1878	5	36	1	Pulley
95-1897	2	4	1	Tank
95-1899	9	10	1	Float&arm Ay
95-5550	8	18	1	Spacer-pulley
95-5574	5	11	1	Filter-Air
95-5577	5	12	1	Cover-Air Filter
95-5578	5	40	1	Tunnel
95-5581	9	1	1	Shaft-Choke
95-5583	9	3	1	Spring-Choke
95-5588	5	39	1	Base Ay-(Air Filter)
95-7052	1		1	Plate - Chute Opening
95-7403-03	1	26	2	Bracket-Wheel Ht Adj
95-7412	1	4	1	Assembly - Gear Case
95-7413	1	9	1	Cover - Drive
95-7415	4	17	1	Cable - Throttle
95-7417	2	13	1	Decal - Recoil
95-7613	5	41	1	Gasket-Filter
95-7615	6	67	1	Hose-Retainer
95-7621	2	12	3	Screw-Pan Sems
95-7626	7	12	1	Ring Set - Service
95-7628	7	11	1	Piston ASM With Piston Rings
95-7629	7	17	1	Connecting Rod ASM
95-7631	7	18	1	Cylinder And Crankcase ASM
95-7636	5	1	1	Short Block Ay
98-1357	9	8	1	Jet - Main 77.5
98-1362	9	11	1	Gasket
98-1384	6	65	1	Plate-Muffler
98-1386	2	23	1	Pad-Foam
98-1388	5	53	1	Shield - Carb.
98-1392	5	57	1	Gasket E
98-1394	5	55:3	2	Screw-HWH
98-1557	6	61	1	Pipe-Transfer
98-1591	6	62	1	Cover-Muffler
98-4472	1	18	1	ASM-Housing & Baffle
98-7001	9	7	1	Nozzle
98-7011	9	18	1	Spring-Gov.
98-7033	2	6	1	ASM-Shroud/Recoil Cover
98-7037	5	32	1	Wire - Lead
98-7042	5	54	1	Carb. ASM
98-7046	7	15	1	Ring - Retaining
98-7047	9	20	1	Disc-Throttle
98-7048	5	55	1	Muffler And Guard ASM
98-7134	4	3	2	Knob-Handle

*Not Illustrated

Lawn—Boy Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
98-8328	4	7	1	Cable – Traction
98-8332	1	11	1	Knob
98-8344	2	8	1	Assembly – Cap, Fuel/Oil
99-1521	2	25	1	Strip—Foam
99-1522	2	26	2	Strip—Foam
99-2920	7	7	1	Crankshaft And Bearing ASM For Service
99-6018	1	15	1	Decal—Warning
99-6351-03	2	19	1	Fan – Mulching
99-6713	5	20:2	1	Recoil And Decal ASM
302-56	3	8:1	1	Fitting—Zerk
321-49	4	5	1	Screw—Hex Hd
321-50	4	15	1	Screw—HH
322-3	1	37	6	Screw—HH
322-7	6	68	2	Screw—HH
322-17	6	64	2	Screw—HH
3254-1	5	55:4	2	Washer—Lock/Int
3256-24	8	14	1	Washer—Flat
3285-19	8	4	2	Pin—Spirol
3290-456	5	42	4	Washer—Belleville
3290-459	5	27	2	Rivet—Plastic
3296-5	8	16	1	Nut—Lock
3296-29	1	35	6	Nut—Lock Ni
3296-73	4	4	2	Nut—Lock Ni
32144-4	8	9	4	Screw—TAP
32144-85	3	11	2	Screw—HH
613462-03	10	33	2	Clamp—Hanger
614643-05	4	19	1	Section—Lower Handle

PROTOTYPE

PROTOTYPE

PROTOTYPE

PROTOTYPE