FORM NO. 3322–763

TORO®

21” Recycler®

Walk Behind Mower

Model No. 20060 – 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

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Note:

Accessories

Description	Model / Parts No.
Recycler bagging Kit	Model No. 59299
Chute Plug Kit	Model No. 59134

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

PROTOTYPE

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.

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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.

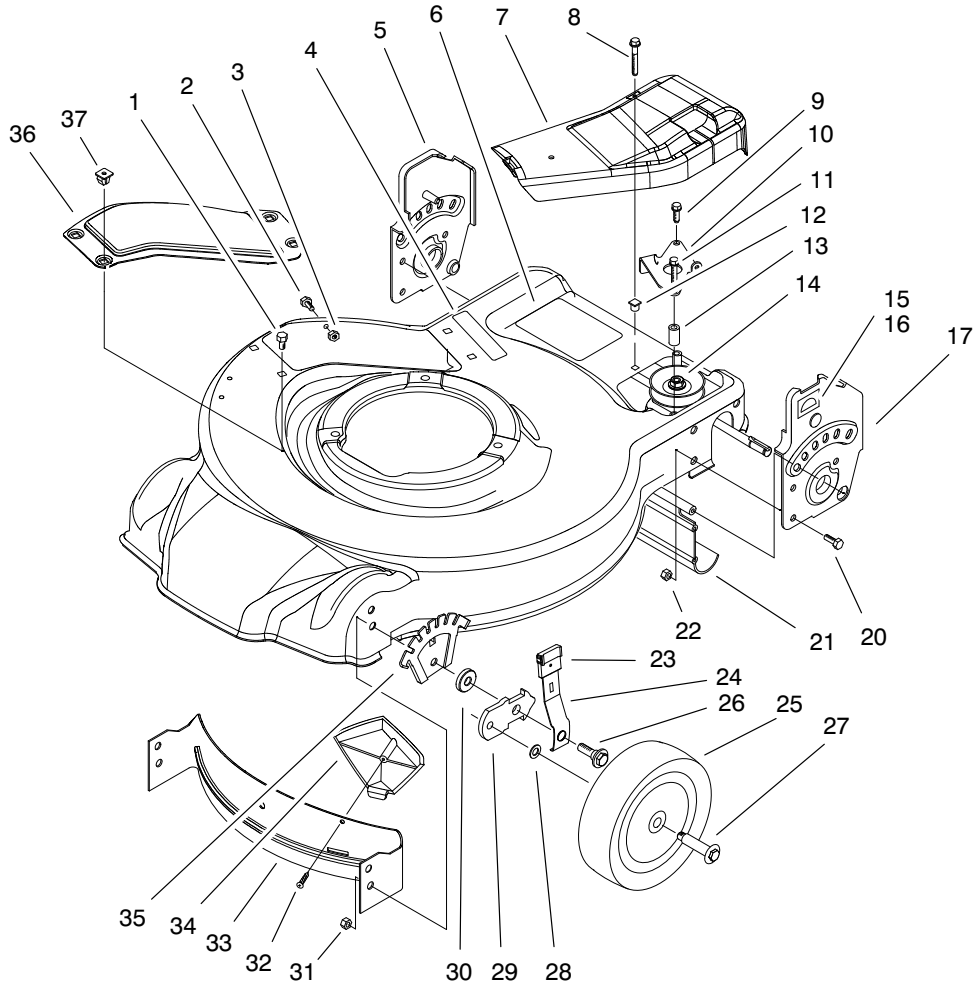
Reference numbers of this type appear in part lists and as callouts in illustrations.

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.

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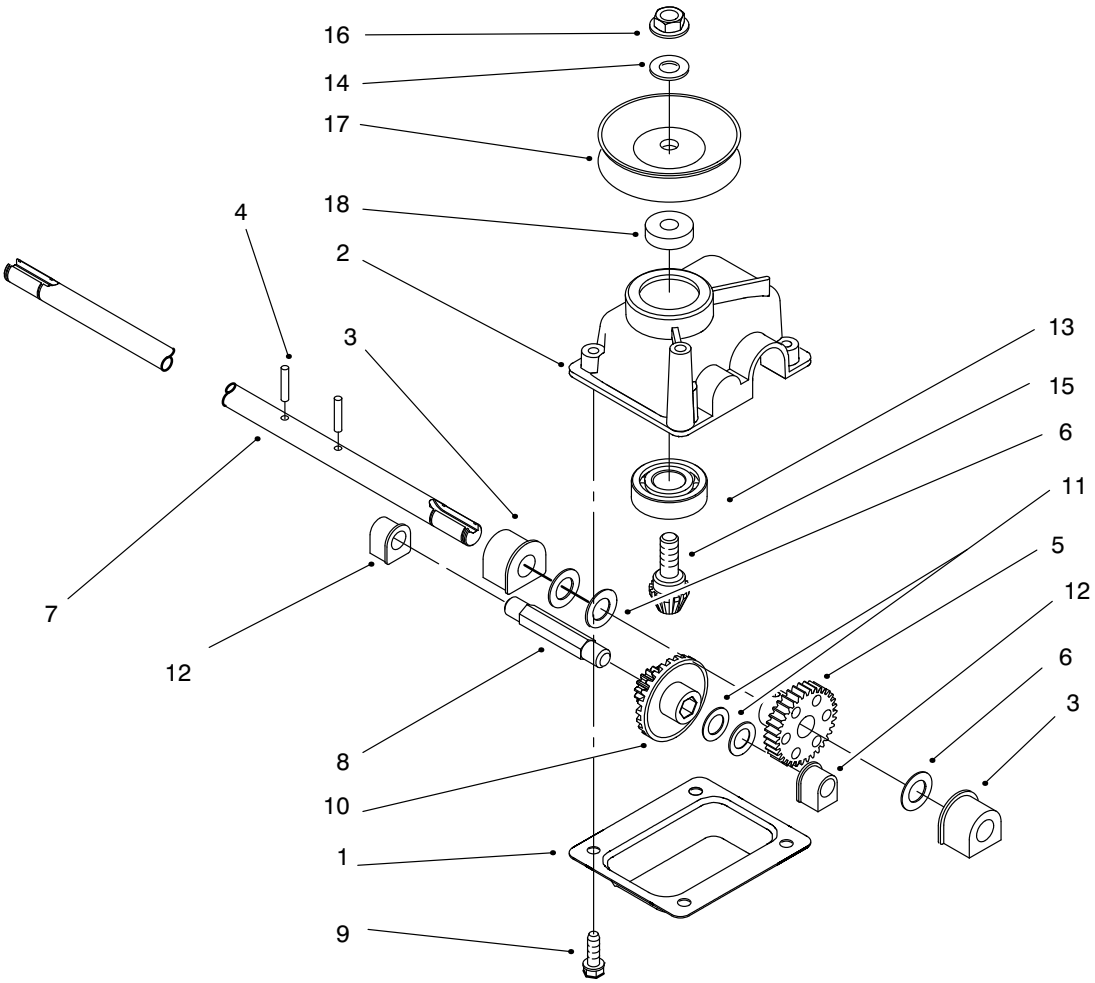
Sheet No.:2

Housing, Handle Brackets & Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	32144–4	3	Screw–HH
2	32105–27	1	Screw
3	3296–2	1	Nut–Lock Esna
4	99–6018	1	Decal – Warning
5	93–0234	1	ASM – RH Handle Bracket
6	93–0248	1	Decal – Warning
7	99–6399	1	Cover – Transmission–Mill
8	32144–119	1	Screw–Pth
9	49–2040	1	Screw–Taptite
10	93–0228–03	1	Guide – Transmission
11	92–1616	1	Screw–Thread Forming
12	605120	1	Grommet
13	614673	1	Bushing – Actuator Plt
14	93–0240	1	ASM – Transmission
15	92–2915	1	Decal – HOC L
16	92–2914	1	Decal – HOC R
17	93–0233	1	ASM – LH Handle Bracket
20	322–3	6	Screw–HH
21	92–8647	1	Shield – Trailing
22	3296–29	6	Nut–Lock Ni
23	92–1008	4	Knob–Height Adj Lever

Ref. No.	Part No.	Qty.	Description
24	614687	2	Arm–Front Spring
25	92–9591	2	Assembly – 7” Wheel
26	614650	2	Bolt–Shoulder
27	614672	2	Bolt–Shoulder
28	40–1940	2	Washer–Wheel Bolt
29	95–7403–03	2	Brkt–Whl Ht Adj
30	92–4890	2	Washer – Wheel
31	3296–39	2	Nut–Lock Ni
32	93–0231	1	Screw – PPH
33	93–0222–03	1	Baffle – Front
34	93–0216	1	Kicker – Front
35	92–4881–03	2	Plate – Hght Adj
36	93–0230–01	1	Cover – Recycling
37	93–0242	4	Grommet

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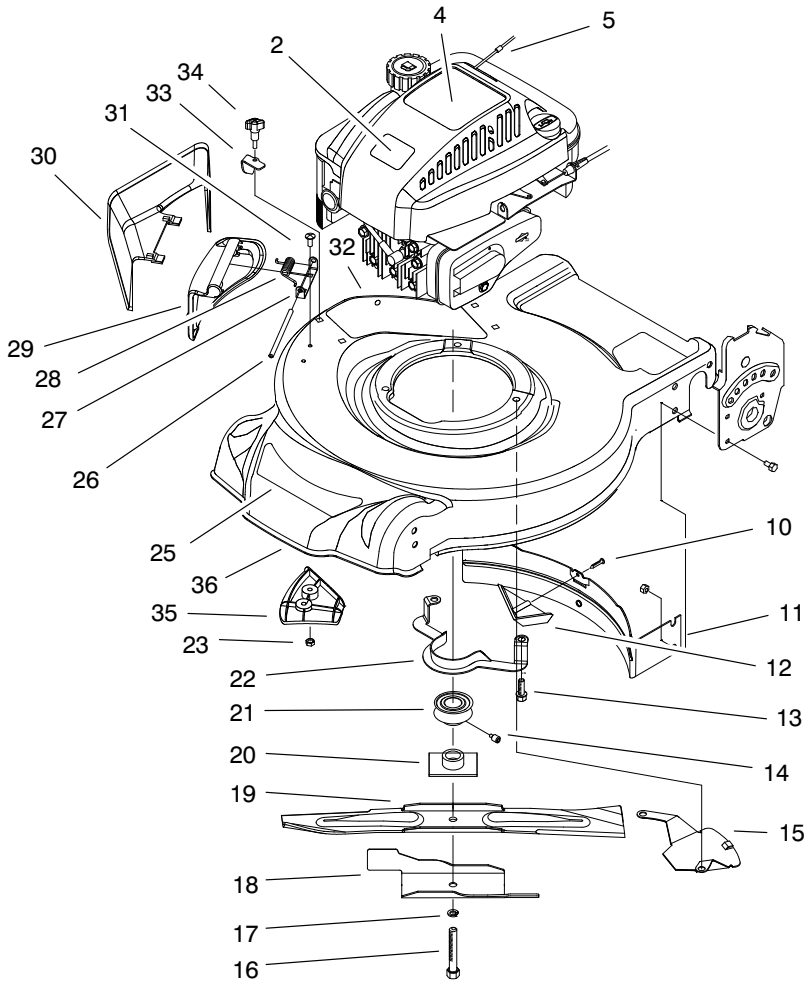
Sheet No.:A1

Gear Case Assembly

Ref. No.	Part No.	Qty.	Description
1	614668–03	1	Gear Case Cover
2	92–7727	1	Gearcase
3	60–8850	2	Bushing–Output
4	3285–19	2	Pin–Groove
5	614596	1	Gear –34t
6	36–4780	2	Washer
7	93–0239	1	Shaft – Output
8	614696	1	Shaft–Intermediate
9	49–2040	4	Screw–Taptite
10	55–3760	1	15 T Pinion
11	36–4791	2	Thrust Washer
12	60–8750	2	Bushing
13	38–7820	1	Bearing–Ball
14	3256–24	1	Washer–Flat
15	60–8890	1	Bevel Pinion Gear
16	3296–5	1	Nut–Lock Ni
17	100–1176	2	Pulley Half
18	62–6660	1	Spacer

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



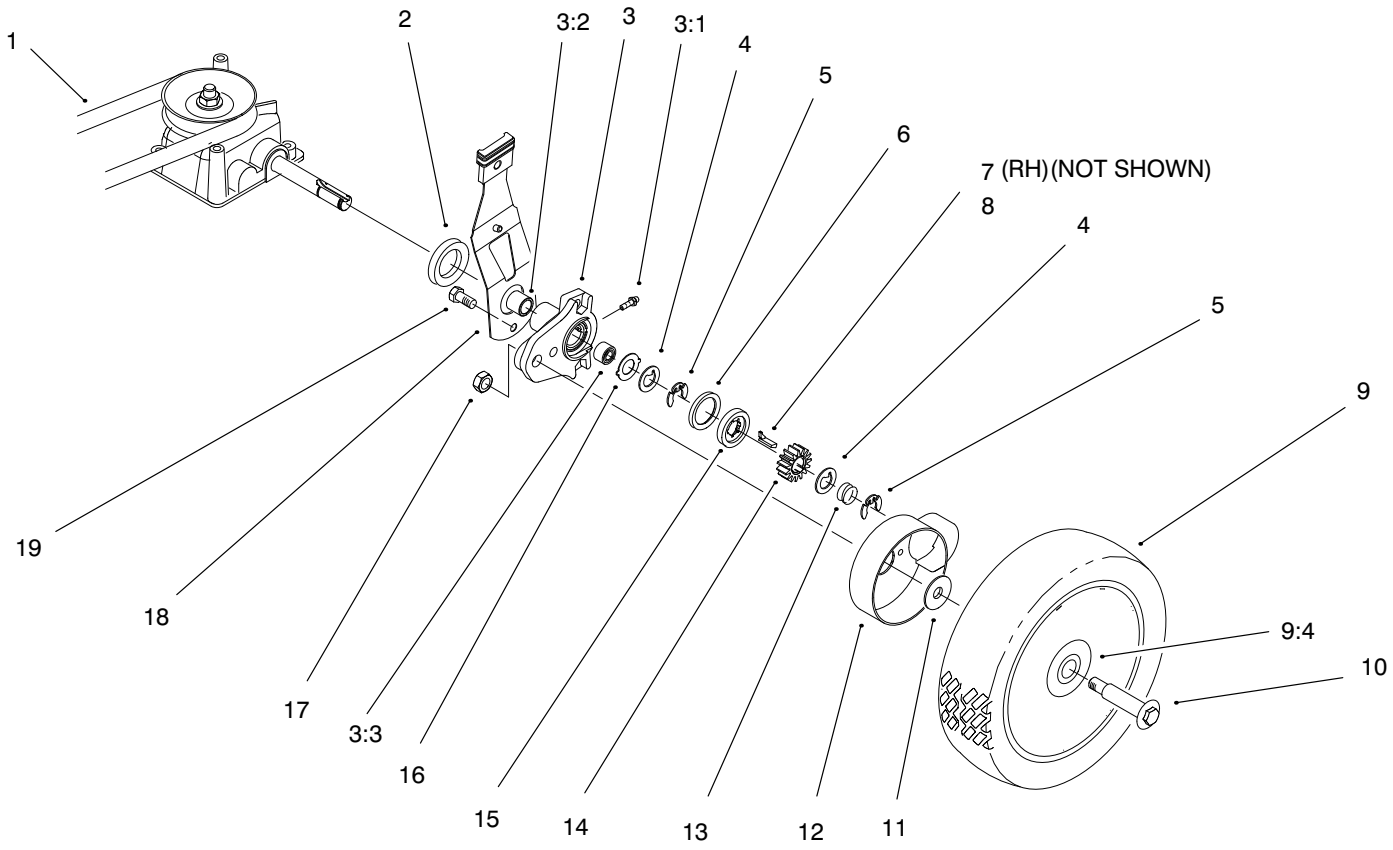
Sheet No.:3

Engine & Blade Assembly

Ref. No.	Part No.	Qty.	Description
2	71–0600	1	Decal – Toro
4	99–6338	1	Decal – Recoil – Millenium
5	2210–316	1	Stop–Rope F/W Engine
10	93–0231	1	Screw – PPH
11	93–0223–03	1	Baffle – Rear (Black)
12	93–0217	1	Kicker – Rear
13	95–1726	3	Screw–Taptite w/Patch
14	613227	1	Screw – Set
15	93–4196–03	1	Shield – Grass
16	95–1748	1	Screw–Blade
17	3253–22	1	Washer–Lock/Sp
18	93–0219–03	1	Accelerator
19	93–0241	1	Blade – Steel Deck (Raw)
20	99–5287	1	ASM–Blade Driver
21	95–1878	1	Pulley
22	92–1024–03	1	Belt Guide
23	32128–32	2	Nut–Hex, Flange
25	99–6011	1	Decal – Deck
26	99–5291	1	Rod–Cover (Steel Side Discharge)
27	99–5292	1	Bracket–Cover (Steel Side Discharge)

Ref. No.	Part No.	Qty.	Description
28	99–5293	1	Spring–Torsion (Steel Side Discharge)
29	99–5294	1	Cover–Side (Steel Side Discharge)
30	99–5295	1	Chute–Side (Side Discharge)
31	3229–11	2	Screw–CARR
32	43–8480	1	Decal–Danger
33	100–1589–03	1	Clamp–Door
34	98–8332	1	Knob
35	99–6349	1	Baffle
36	99–5236	1	Housing Sp Steel (Service)

PROTOTYPE



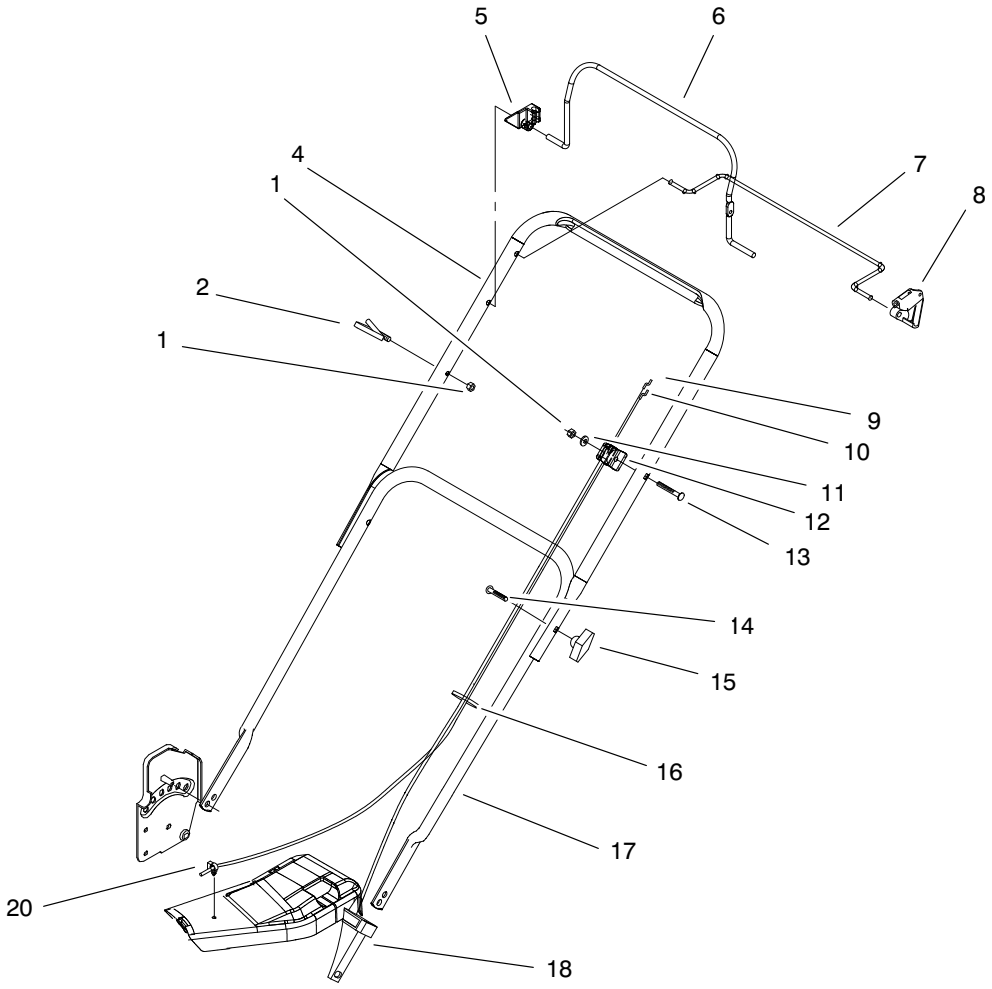
Sheet No.:4

Gear Case & Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	93–0232	1	Belt – V
2	614447	2	Spacer–Axle Shaft
3	92–7746	2	ASM: Rear Ht Adj Arm
3:1	302–56	1	Fitting–Zerk
3:2	47–2900	1	Bushing
3:3	70–9760	1	Bushing
4	65–4740	4	Washer–Keyed Thrust
5	65–2720	4	Klip Ring–Special
6	65–4710	2	Ring–Friction
7	66–6040	1	Key–Rocking
8	66–6050	1	Key–Rocking LH
9	92–9590	2	ASM – 8” Wheel
9:4	27–6250	2	Bushing
10	92–1057	2	Shoulder Bolt
11	614426	2	Washer–Stepped
12	94–1609	2	Cover–Wheel
13	65–4720	2	Spring–Compression
14	65–4750	2	Pinion–Gear,15t
15	65–4760	2	Washer
16	65–4730	2	Washer–Pivot Arm
17	610358	2	Nut–Jam, Locking
18	92–1004	2	Spring Arm ASM – Rear
19	32144–85	2	Screw–TAP

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



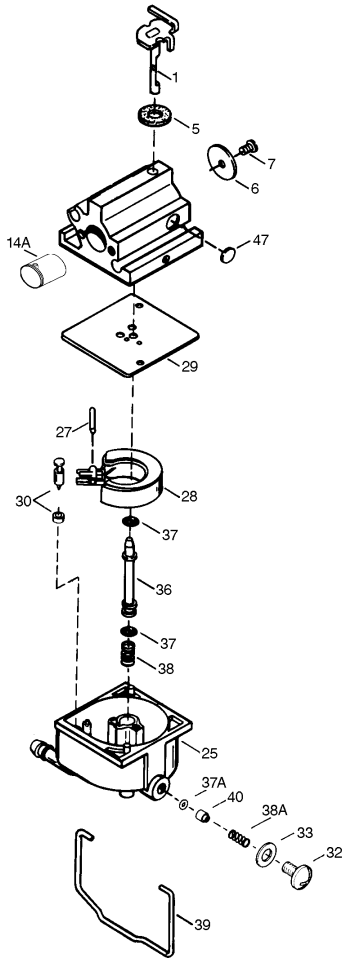
Sheet No.:5

Handle & Controls Assembly

Ref. No.	Part No.	Qty.	Description
1	3296–73	2	Nut–Lock
2	86–9671	1	Guide–Rope
4	99–1569–05	1	Handle–Upper
5	94–6097	1	Stop
6	99–1570–03	1	Bail–Brake
7	99–1571–03	1	Bail–Traction
8	92–5412	1	Stop–Pivot
9	99–1586	1	Cable–Traction
10	99–5289	1	Cable– Brake
11	3256–1	1	Washer–Flat
12	94–6096	1	Anchor – Cable
13	92–2269	1	Screw–Handle
14	92–2260	2	Screw–Handle
15	98–7134	2	Knob–Handle
16	3290–378	1	Tie–Cable
17	99–6021–05	1	Lower Handle
18	93–7380	1	Anchor – Cable
20	99–6385	1	Clip–hold Down

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



Sheet No:

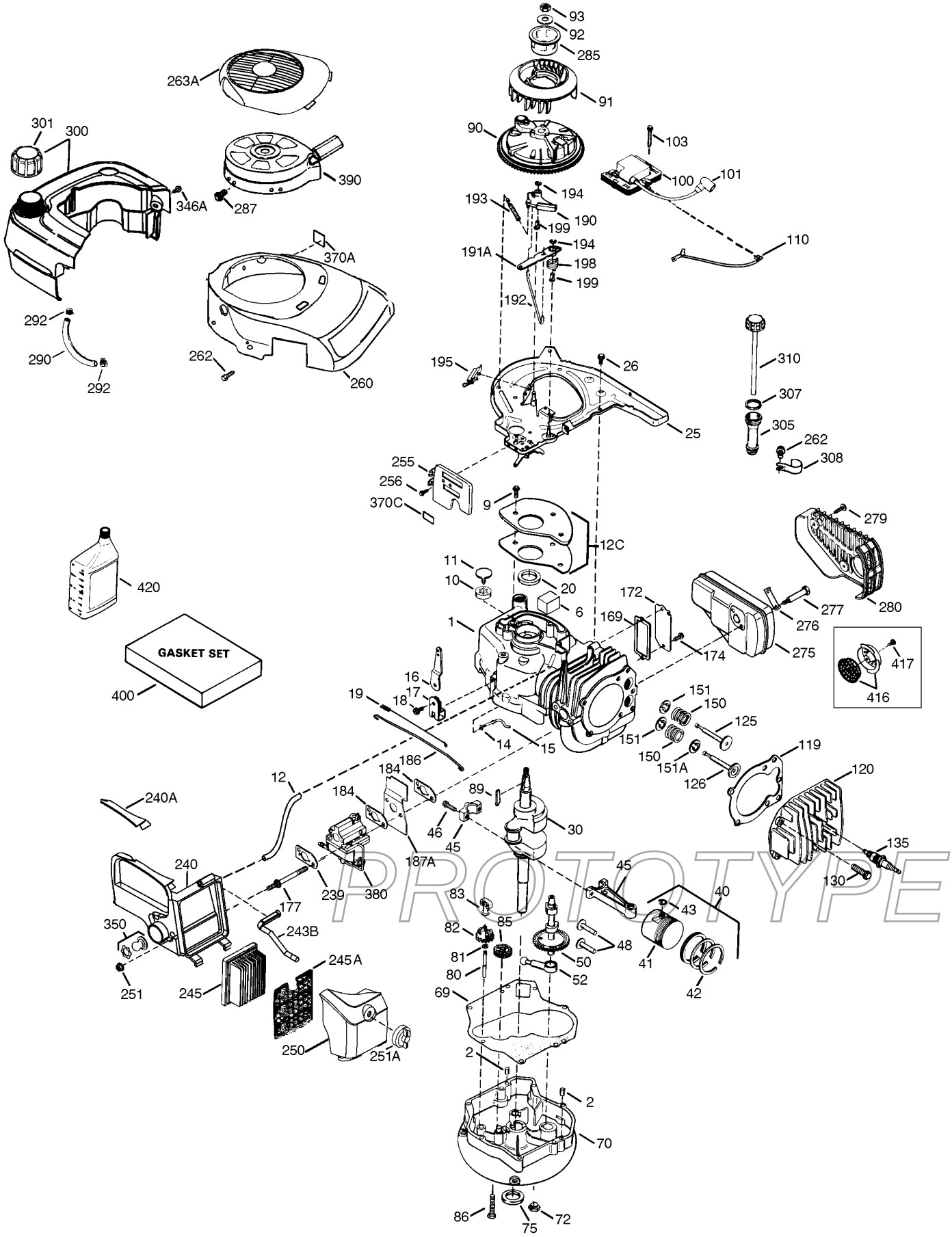
Carburetor No. 640020A

Ref. No.	Part No.	Qty.	Description
0	640020A	1	Carburetor (Incl. 187B & 239 of Engine Parts List)
1	632539	1	Throttle Shaft & Lever
		1	Assembly
5	632593	1	Dust Seal
6	632541	1	Throttle Shutter
7	650506	1	Throttle Shutter Screw
14A	632773	1	Venturi
25	632675A	1	Float Bowl
27	632544	1	Float Shaft
28	632543	1	Float
29	632548	1	Float Bowl to Body
		1	Gasket
30	632709	1	Inlet Needle & Seat
32	632672	1	Bowl Drain Screw
33	632673	1	Bowl Drain Washer
36	640022	1	Main Nozzle Tube
37	632547	2	”O” Ring
37A	632547	1	”O” Ring, Main Nozzle
		1	Tube
38	632545	1	Spring, Main Nozzle
		1	Tube
38A	632545	1	Spring
39	632549	1	Float Bowl Retainer
40	640021	1	Main Fuel Jet

Ref. No.	Part No.	Qty.	Description
47	632554	1	Welch Plug, Idle Mixing Well

PROTOTYPE

Tecumseh Engine Model VLV126–502080E



Sheet No.:

Tecumseh Engine Model VLV126–502080E (cont.)

Ref. No.	Part No.	Qty.	Description
0			RPM High 2850 to 3150
1	36177	1	Cylinder (Incl. 2,10,12,20 & 125)
2	27652	2	Dowel Pin
6	36059	1	Breather Element
9	590568	3	Screw, 10–24 x 3/4”
10	36002	1	Breather Valve Body
11	36003A	1	Check Valve
12	32447	1	Breather Tube
12C	36005A	1	Breather Cover & Gasket
14	28277	1	Washer
15	36006	1	Governor Rod (Machined)
16	36008	1	Governor Lever
17	31335	1	Governor Lever Clamp
18	651018	1	Screw, Torx T–15, 8–32 x 19/64”
19	36103	1	Governor Spring
20	36010	1	Oil Seal
25	37300	1	Blower Housing Baffle (Incl.l95)
26	650802	3	Screw, 1/4–20 x 5/8”
30	37321	1	Crankshaft
40	40004	1	Piston,Pin,Ring Set (Std.)
40	40005	1	Piston,Pin,Ring Set (.010 OS)
41	36070	1	Piston & Pin Ass’y.(Std.) (Incl. 43)
41	36071	1	Piston & Pin Ass’y.(.010 OS) (Incl.43)
42	40006	1	Ring Set (Std.)
42	40007	1	Ring Set (.010 OS)
43	20381	2	Piston Pin Retaining Ring
45	36023A	1	Connecting Rod Ass’y. (Incl. 46)
46	32610A	2	Connecting Rod Bolt
48	36030	2	Valve Lifter
50	36031A	1	Camshaft (MCR)
52	29914	1	Oil Pump Ass’y.
69	36032A	1	Mounting Flange Gasket
70	37271	1	Mounting Flange (Incl. 72 thru 85)
72	36083	1	Oil Drain Plug
75	36010	1	Oil Seal
80	30574A	1	Governor Shaft
81	30590A	1	Washer
82	30591	1	Governor Gear Ass’y. (Incl.81)
83	36057	1	Governor Spool
85	36034	1	Idler Gear
86	650924	7	Screw, 1/4–20 x 1–9/16”
89	611154	1	Flywheel Key
90	611155	1	Flywheel
91	611156	1	Flwheel Fan
92	650815	1	Belleville Washer
93	650816	1	Flywheel Nut
100	34443B	1	Solid State Ignition
101	610118	1	Spark Plug Cover
103	651007	2	Screw, Torx T–15, 10–24 x 15/16”
110	36054	1	Ground Wire
119	36061	1	Cylinder Head Gasket
120	36187	1	Cylinder Head
125	36471	1	Exhaust Valve (Std.) (Incl. 151)
125	36472	1	Exhaust Valve (1/32” OS)
126	29314C	1	Intake Valve (Std.) (Incl. 151)
126	29315C	1	Intake Valve (1/32” OS)
130	6021A	1	Screw, 5/16–18 x 1–1/2”
135	35395	1	Resistor Spark Plug (RJ19LM)
150	31672	2	Valve Spring
151	31673	2	Lower Valve Spring Cap
151A	40016A	1	Intake Valve Seal
169	27234A	1	Valve Spring Box Gasket
172	32755	1	Valve Spring Box Cover
174	30200	2	Screw, 10–24 x 9/16”
177	650925A	2	Carburetor Mounting Stud
184	36183	2	Carburetor To Intake Pipe Gasket
186	36009	1	Governor Link
187A	37148	1	Air Baffle
190	36013	1	Brake Lever Ass’y.
191A	36012	1	Brake Control Lever
192	36016	1	Brake Control Lever Link
193	36015	1	Brake Spring
194	36014	2	Retaining Ring
195	610973	1	Terminal Ass’y.
198	36017	1	Brake Control Lever Spring
199	36018	2	Brake Lever Bushing
239	36048	1	Carburetor To Air Cleaner Gasket
240	36190	1	Air Cleaner Body
240A	37195	1	Air Cleaner Body Extension
243B	651041	1	Air Cleaner Stud
245	36046	1	Air Cleaner Filter
245A	37144	1	Air Cleaner Filter
250	36191	1	Air Cleaner Cover
251	650928	2	Lock Nut, 1/4–20
251A	650933	1	Wing Nut, 1/4–20
255	36193	1	Control Plate
256	650983	2	Screw, 8–32 x 21/64”

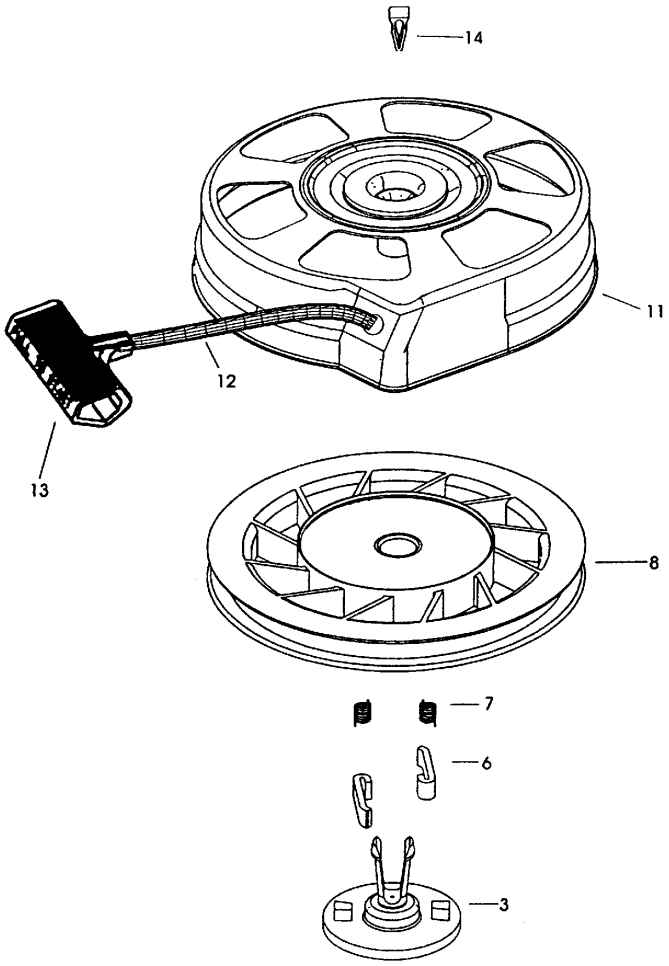
PROTOTYPE

Tecumseh Engine Model VLV126–502080E (cont.)

Ref. No.	Part No.	Qty.	Description
260	37194	1	Blower Housing
262	650737	4	Screw, 1/4–20 x 1/2”
263A	36133	1	Starter Grill
275	36107	1	Muffler
276	36043	1	Locking Plate
277	650927	2	Screw, 5/16–18 x 2–11/32”
279	650956	3	Screw, Torx T–25, 12–24 x 49/64”
280	36090	1	Heat Shield (Incl. 279)
285	34449A	1	Starter Cup
287	650926	4	Screw, 8–32 x 21/64”
290	34357	1	Fuel Line
292	26460	2	Fuel Line Clamp
300	36130	1	Fuel Tank (Incl. 301)
301	36246	1	Fuel Cap
305	36063	1	Oil Fill Tube
307	35499	1	”O” Ring
308	36040	1	Fill Tube Clip
310	36064	1	Dipstick
346A	28763	2	Screw, 10–32 x 35/64”
350	36045A	1	Primer
370A	36261	1	Lubrication Decal
370C	37199	1	Primer Decal
380	640020A	1	Carburetor (Incl. 184,187A & 239)
390	590739	1	Rewind Starter (NOTE: This engine could have been built with 590702 starter).
400	36062D	1	Gasket Set (Incl. Items Marked PK in Notes) 0 Incl. part #’s 27234A (1),28833 (1), 36005A (1), 36032A (1), 36061 (1), 37136 (1), 696088 (1)
416	36085	1	Spark Arrestor Kit (Incl. 417)(Optional)
417	650821	1	Screw, 10–32 x 1/2” (Optional)
420	730225	1	4 Cycle Oil, SAE 30 (Quart)

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



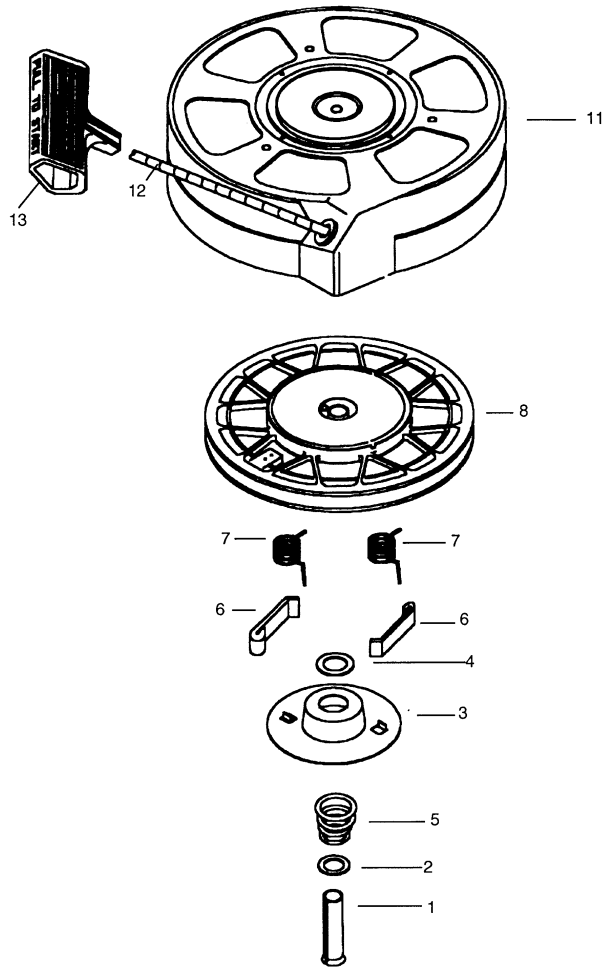
Sheet No.:

Recoil Starter No. 590739

Ref. No.	Part No.	Qty.	Description
0	590739		Rewind Starter
3	590740	1	Retainer
6	590616	2	Starter Dog
7	590617	2	Dog Spring
8	590618A	1	Pulley & Rewind Spring Ass'y
11	590638	1	Starter Housing Ass'y (40 degree grommet)
12	590535	1	Starter Rope (Length 98" x 9/64" dia.)
13	590701	1	Starter Handle
14	590760	1	Spring Clip

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



Sheet No.:

Recoil Starter No. 590702 (optional)

Ref. No.	Part No.	Qty.	Description
0	590702		Recoil Starter
1	590599A	1	Spring Pin (Incl. 4)
2	590600	1	Washer
3	590696	1	Retainer
4	590601	2	Washer
5	590697	1	Brake Spring
6	590698	2	Starter Dog
7	590699	2	Dog Spring
8	590700	1	Pulley & Rewind Spring Ass'y.
11	590703	1	Starter Housing Ass'y. (40 degree grommet)
12	590535	1	Starter Rope (98" X 9/64" dia.)
13	590701	1	Starter Handle

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Toro Part Number Index

Part No.	Page No.	Ref. No.	Qty.	Description
605120	1	12	1	Grommet
610358	4	17	2	Nut–Jam, Locking
613227	3	14	1	Screw – Set
614426	4	11	2	Washer–Stepped
614447	4	2	2	Spacer–Axle Shaft
614596	2	5	1	Gear –34t
614650	1	26	2	Bolt–Shoulder
614672	1	27	2	Bolt–Shoulder
614673	1	13	1	Bushing – Actuator Plt
614687	1	24	2	Arm–Front Spring
614696	2	8	1	Shaft–Intermediate
27–6250	4	9:4	2	Bushing
36–4780	2	6	2	Washer
36–4791	2	11	2	Thrust Washer
38–7820	2	13	1	Bearing–Ball
40–1940	1	28	2	Washer–Wheel Bolt
43–8480	3	32	1	Decal–Danger
47–2900	4	3:2	1	Bushing
49–2040	1	9	1	Screw–Taptite
49–2040	2	9	4	Screw–Taptite
55–3760	2	10	1	15 T Pinion
60–8750	2	12	2	Bushing
60–8850	2	3	2	Bushing–Output
60–8890	2	15	1	Bevel Pinion Gear
62–6660	2	18	1	Spacer
65–2720	4	5	4	Klip Ring–Special
65–4710	4	6	2	Ring–Friction
65–4720	4	13	2	Spring–Compression
65–4730	4	16	2	Washer–Pivot Arm
65–4740	4	4	4	Washer–Keyed Thrust
65–4750	4	14	2	Pinion–Gear,15t
65–4760	4	15	2	Washer
66–6040	4	7	1	Key–Rocking
66–6050	4	8	1	Key–Rocking LH
70–9760	4	3:3	1	Bushing
71–0600	3	2	1	Decal – Toro
86–9671	5	2	1	Guide–Rope
92–1004	4	18	2	Spring Arm ASM – Rear
92–1008	1	23	4	Knob–Height Adj Lever
92–1024–03	3	22	1	Belt Guide
92–1057	4	10	2	Shoulder Bolt
92–1616	1	11	1	Screw–Thread Forming
92–2260	5	14	2	Screw–Handle
92–2269	5	13	1	Screw–Handle
92–2914	1	16	1	Decal – HOC R
92–2915	1	15	1	Decal – HOC L
92–4881–03	1	35	2	Plate – Hght Adj
92–4890	1	30	2	Washer – Wheel
92–5412	5	8	1	Stop–Pivot
92–7727	2	2	1	Gearcase
92–7746	4	3	2	ASM: Rear Ht Adj Arm
92–8647	1	21	1	Shield – Trailing
92–9590	4	9	2	ASM – 8” Wheel
92–9591	1	25	2	Assembly – 7” Wheel
93–0216	1	34	1	Kicker – Front
93–0217	3	12	1	Kicker – Rear
93–0219–03	3	18	1	Accelerator
93–0222–03	1	33	1	Baffle – Front
93–0223–03	3	11	1	Baffle – Rear
93–0228–03	1	10	1	Guide – Transmission
93–0230–01	1	36	1	Cover – Recycling
93–0231	1	32	1	Screw – PPH

*Not Illustrated

PROTOTYPE

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
93−0231	3	10	1	Screw − PPH
93−0232	4	1	1	Belt − V
93−0233	1	17	1	ASM − LH Handle Bracket
93−0234	1	5	1	ASM − RH Handle Bracket
93−0239	2	7	1	Shaft − Output
93−0240	1	14	1	ASM − Transmission
93−0241	3	19	1	Blade − Steel Deck (Raw)
93−0242	1	37	4	Grommet
93−0248	1	6	1	Decal − Warning
93−4196−03	3	15	1	Shield − Grass
93−7380	5	18	1	Anchor − Cable
94−1609	4	12	2	Cover−Wheel
94−6096	5	12	1	Anchor − Cable
94−6097	5	5	1	Stop
95−1726	3	13	3	Screw−Taptite w/Patch
95−1748	3	16	1	Screw−Blade
95−1878	3	21	1	Pulley
95−7403−03	1	29	2	Brkt−Whl Ht Adj
98−7134	5	15	2	Knob−Handle
98−8332	3	34	1	Knob
99−1569−05	5	4	1	Handle−Upper
99−1570−03	5	6	1	Bail−Brake
99−1571−03	5	7	1	Bail−Traction
99−1586	5	9	1	Cable−Traction
99−5236	3	36	1	Housing Sp Steel (Service)
99−5287	3	20	1	ASM−Blade Driver
99−5289	5	10	1	Cable− Brake
99−5291	3	26	1	Rod−Cover (Steel Side Discharge)
99−5292	3	27	1	Bracket−Cover (Steel Side Discharge)
99−5293	3	28	1	Spring−Torsion (Steel Side Discharge)
99−5294	3	29	1	Cover−Side (Steel Side Discharge)
99−5295	3	30	1	Chute−Side (Side Discharge)
99−6011	3	25	1	Decal − Deck
99−6018	1	4	1	Decal − Warning
99−6021−05	5	17	1	Lower Handle
99−6338	3	4	1	Decal − Recoil − Millenium
99−6349	3	35	1	Baffle
99−6385	5	20	1	Clip−hold Down
99−6399	1	7	1	Cover − Transmission−Mill
100−1176	2	17	2	Pulley Half
100−1589−03	3	33	1	Clamp−Door
2210−316	3	5	1	Stop−Rope F/W Engine
302−56	4	3:1	1	Fitting−Zerk
322−3	1	20	6	Screw−HH
3229−11	3	31	2	Screw−CARR
3253−22	3	17	1	Washer−Lock/Sp
3256−1	5	11	1	Washer−Flat
3256−24	2	14	1	Washer−Flat
3285−19	2	4	2	Pin−Groove
3290−378	5	16	1	Tie−Cable
3296−2	1	3	1	Nut−Lock Esna
3296−5	2	16	1	Nut−Lock Ni
3296−29	1	22	6	Nut−Lock Ni
3296−39	1	31	2	Nut−Lock Ni
3296−73	5	1	2	Nut−Lock
32105−27	1	2	1	Screw
32128−32	3	23	2	Nut−Hex, Flange
32144−4	1	1	3	Screw−HH
32144−85	4	19	2	Screw−TAP
32144−119	1	8	1	Screw−Pth
614668−03	2	1	1	Gear Case Cover

PROTOTYPE

*Not Illustrated