FORM NO. 3318–666

TORO®

CCR POWERLITE® SNOWTHROWER

Model No. 38170–7900001 & 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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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
HFW	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
HSH	hex socket head		
HWH	hex washer head		

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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.

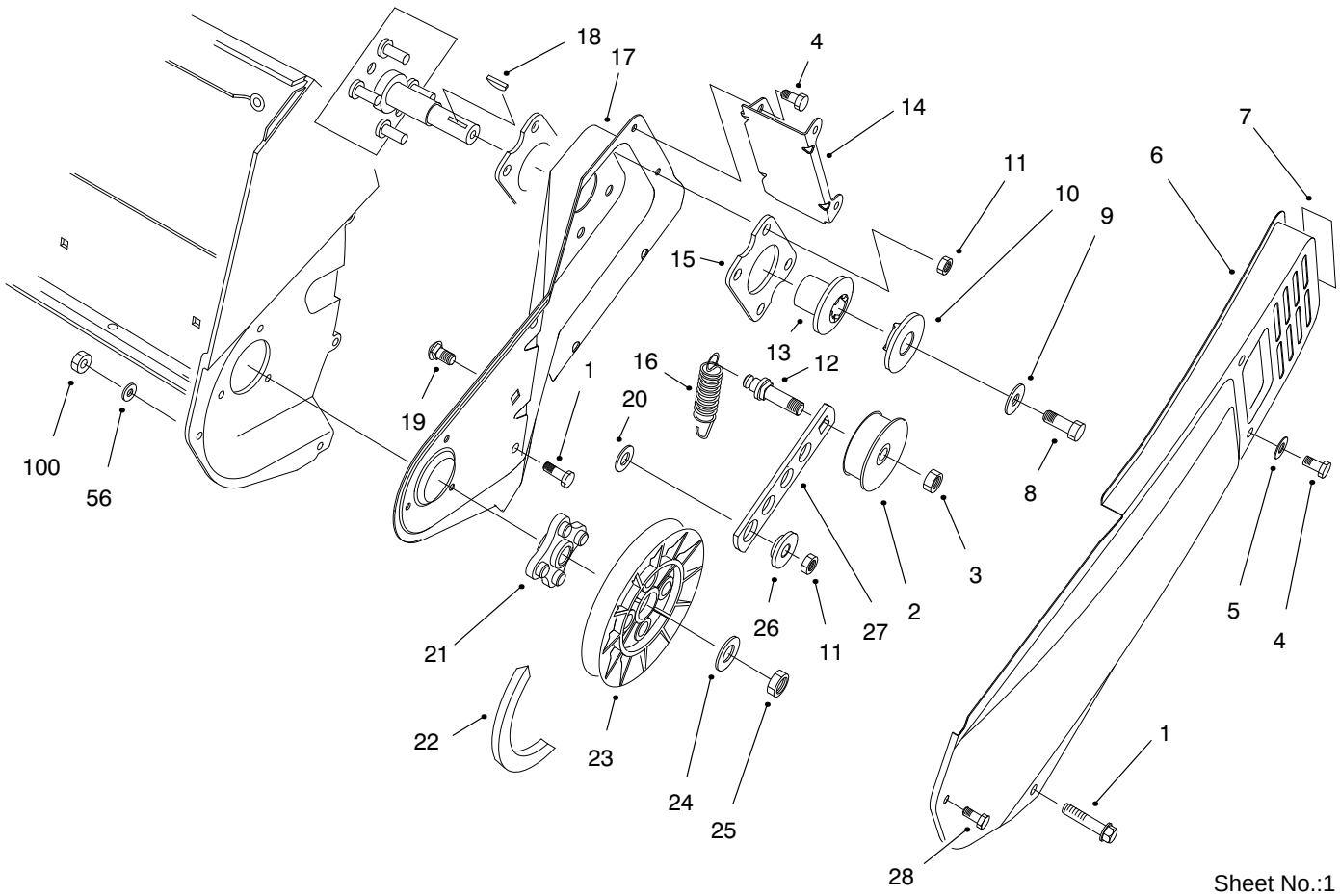
Reference numbers of this type appear in part lists and as callouts in illustrations.

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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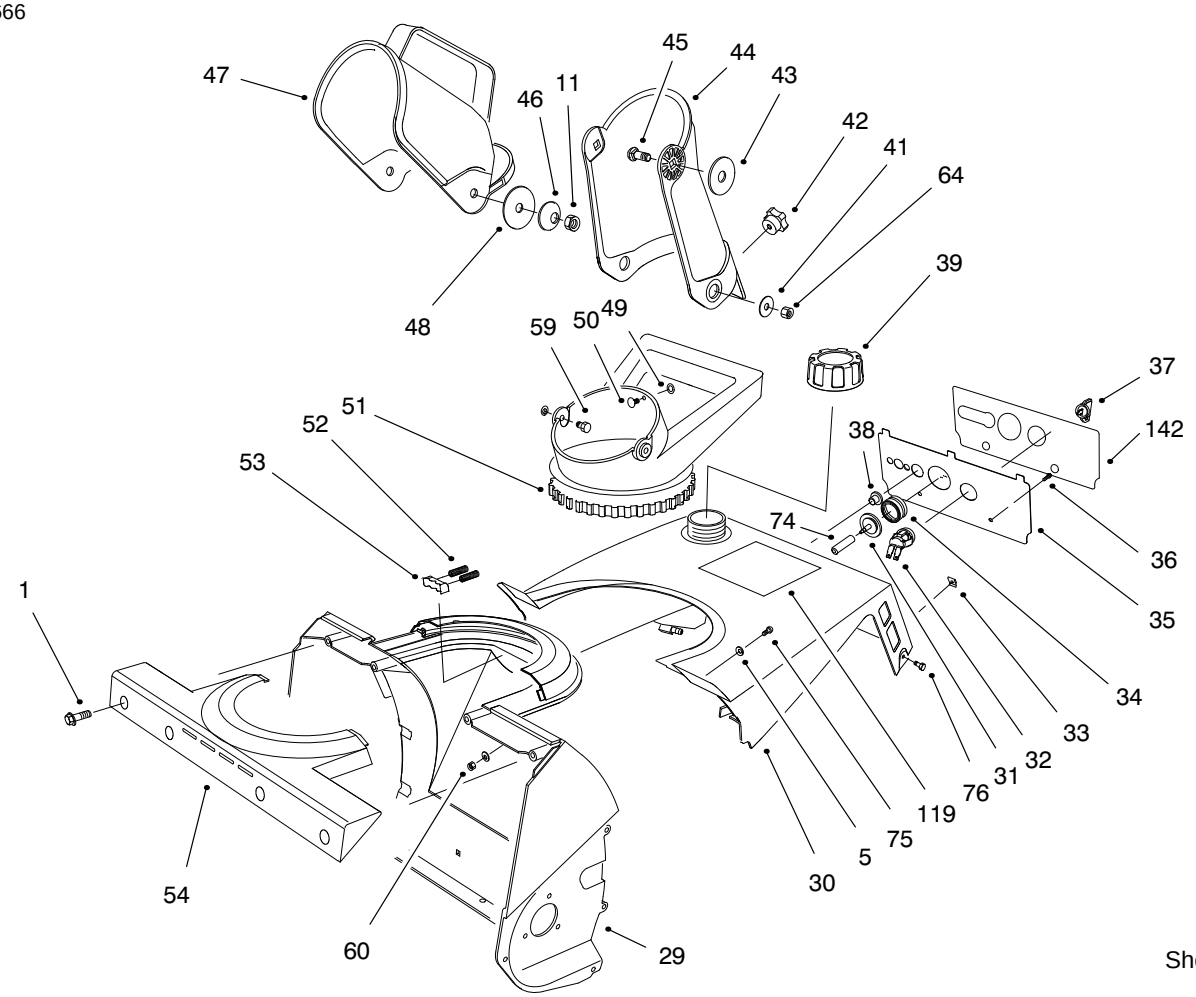
Sheet No.:1

PULLEY & BELT COVER ASSEMBLY

Ref. No.	Part No.	Qty.	Description
1	46–8094	3	Screw–TAP
2	71–5260	1	Pulley–Idler
3	3296–59	1	Nut–Lock
4	32144–4	4	Screw–TAP
5	3256–1	2	Washer–Flat
6	75–8830	1	Cover–Belt
7	80–0630	1	Decal–Hot
8	3235–6	1	Screw–HH
9	3256–71	1	Washer–Flat
10	71–5060	1	Cap–Half Sheave
11	3296–29	5	Nut–Lock
12	75–8720	1	Pin–Idler
13	71–5050	1	Body–Half Sheave
14	75–8870	1	Bracket–Cover
15	71–5290	2	Plate–Engine
16	75–9020	1	Spring–Extension
17	75–8810	1	Sideplate–LH
18	3257–3	1	Key–Woodruff
19	3230–23	1	Screw–CARR
20	25–5640	1	Washer
21	75–8740	1	Hub
22	75–9010	1	”v” Belt
23	75–8750	1	Pulley
24	3256–25	1	Washer–Flt
25	3296–38	1	Nut–Lock
26	75–8700	1	Bushing–Idler

Ref. No.	Part No.	Qty.	Description
27	75–9050	1	Arm–Idler
28	32105–23	1	Screw–HH
56	3256–14	1	Washer–Flat
100	3296–2	1	Nut Lock

PROTOTYPE



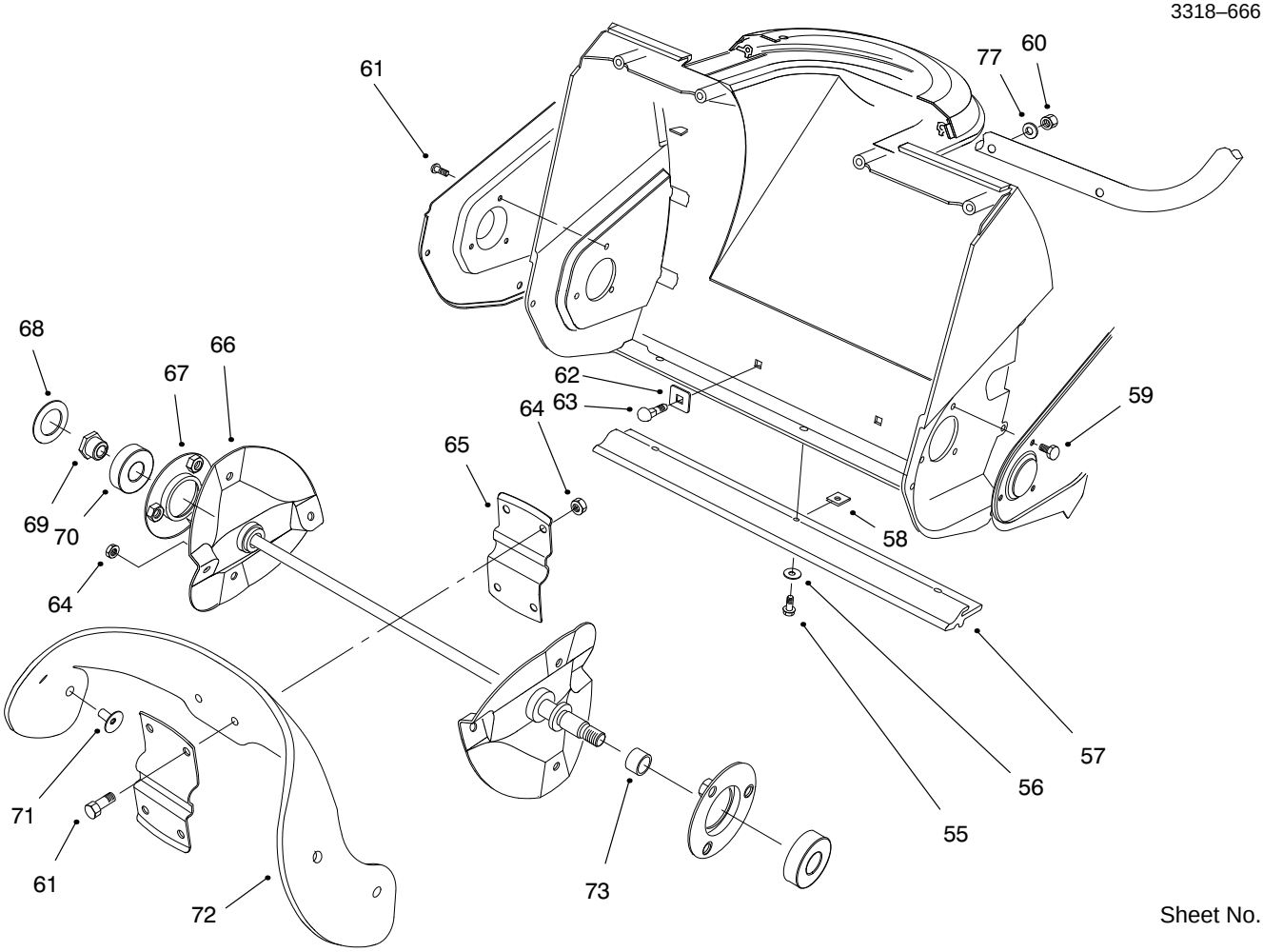
Sheet No.:2

CHUTE ASSEMBLY

Ref. No.	Part No.	Qty.	Description
1	46–8094	4	Screw–TAP
5	3256–1	4	Washer–Flat
11	3296–29	2	Nut–Lock
29	75–8660	1	Housing
30	75–8800	1	Shroud–Upper
31	44–2750	1	Body–Primer
32	40–5940	1	Switch–Key
33	49–1490	2	”j” Nut
34	66–7460	1	Bulb–Primer
35	75–9031	1	Panel–Control
36	32144–53	2	Screw–Tf Acorn Hd
37	63–8360	1	Key–Ignition
38	23–7470	1	Guide–Rope
39	55–3573	1	ASM–Gas Cap
41	3256–81	2	Washer–Flat
42	233–67	1	Knob
43	80–0640	2	Washer–Rubber
44	75–8760	1	Chute–Discharge
45	3230–2	2	Screw–CARR
46	3290–340	2	Washer–Spring
47	75–8770	1	Deflector–Chute
48	3256–68	2	Washer–Flt
49	32115–15	3	Retainer
50	3229–11	1	Bolt–CARR
51	75–8670	1	Handle–Chute
52	75–9170	2	Spring–Compression

Ref. No.	Part No.	Qty.	Description
53	75–9160	1	Detent–Chute
54	75–8650	1	Retainer–Chute
59	321–3	2	Screw–HH
60	3296–42	2	Nut–Lock
64	3296–56	2	Nut–Hex Lock
74	44–3173	1	Hose–Primer
75	3250–32	2	Screw–PPH
76	32144–89	2	Csrew–HH
119	80–0680	1	Decal–Powerlite
142	84–5420	1	Decal–Control Panel

PROTOTYPE



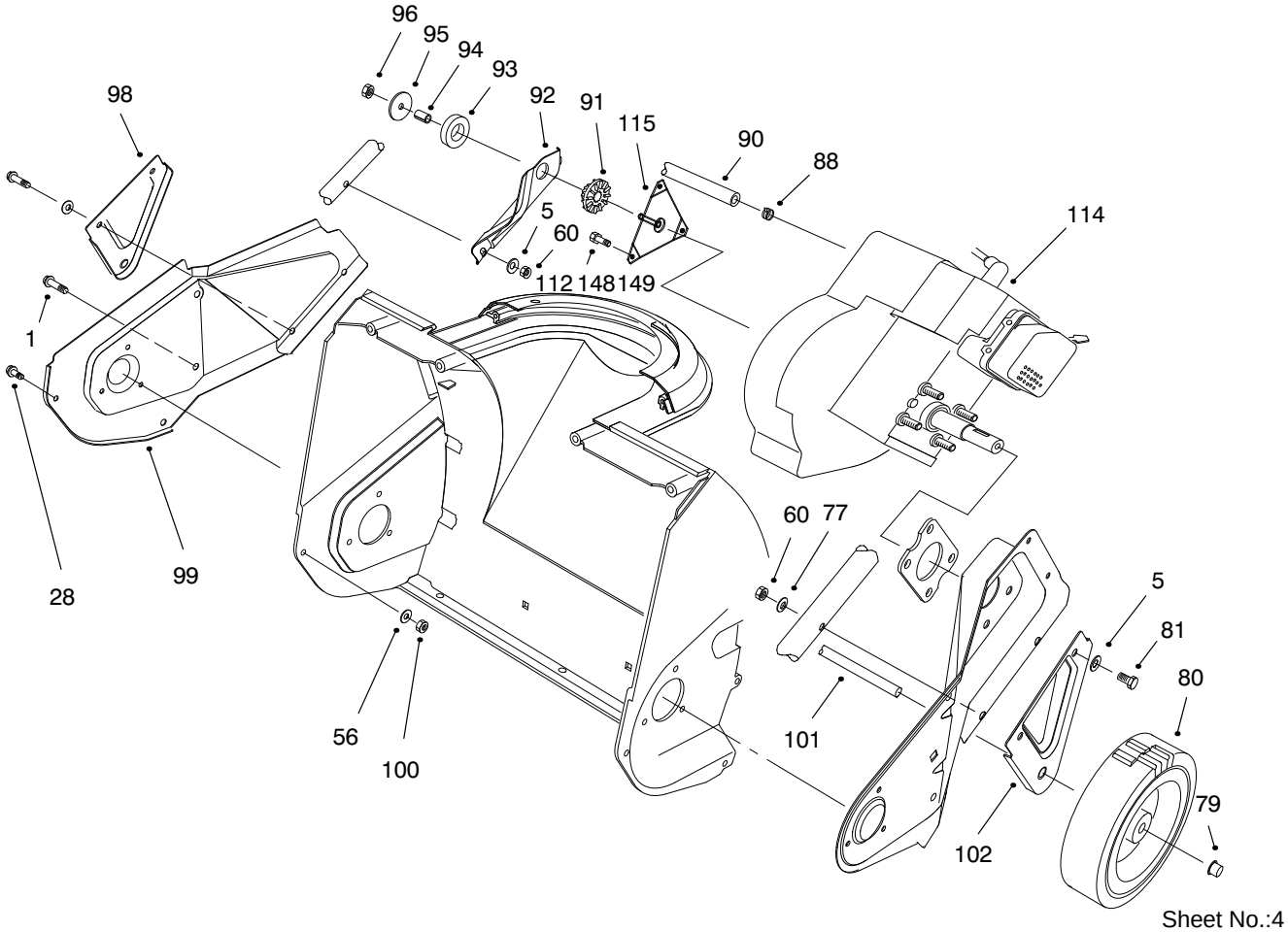
Sheet No.:3

AUGER ASSEMBLY

Ref. No.	Part No.	Qty.	Description
55	32144–34	3	Screw–Hex Slot
56	3256–14	3	Washer–Flat
57	75–8780	1	Scraper
58	32115–19	3	”u” Nut
59	321–3	3	Screw–HH
60	3296–42	2	Nut–Lock
61	3234–33	7	Screw–HFW
62	75–9040	2	Washer–Square
63	3229–5	2	Screw–CARR
64	3296–56	12	Nut–Hex Lock
65	75–8880	2	Support–Motor
66	75–8840	1	Wa–Rotor
67	75–9080	2	Wa–Flange Bearing
68	75–9180	1	Washer–Rubber
69	75–8690	1	Nut–Rotor Shaft
70	38–7820	2	Bearing–Ball
71	84–1970	8	Screw–Countersunk
72	84–1980	2	Blade–Rotor
73	75–8710	1	Spacer
77	3–7501	2	Washer–Curved

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



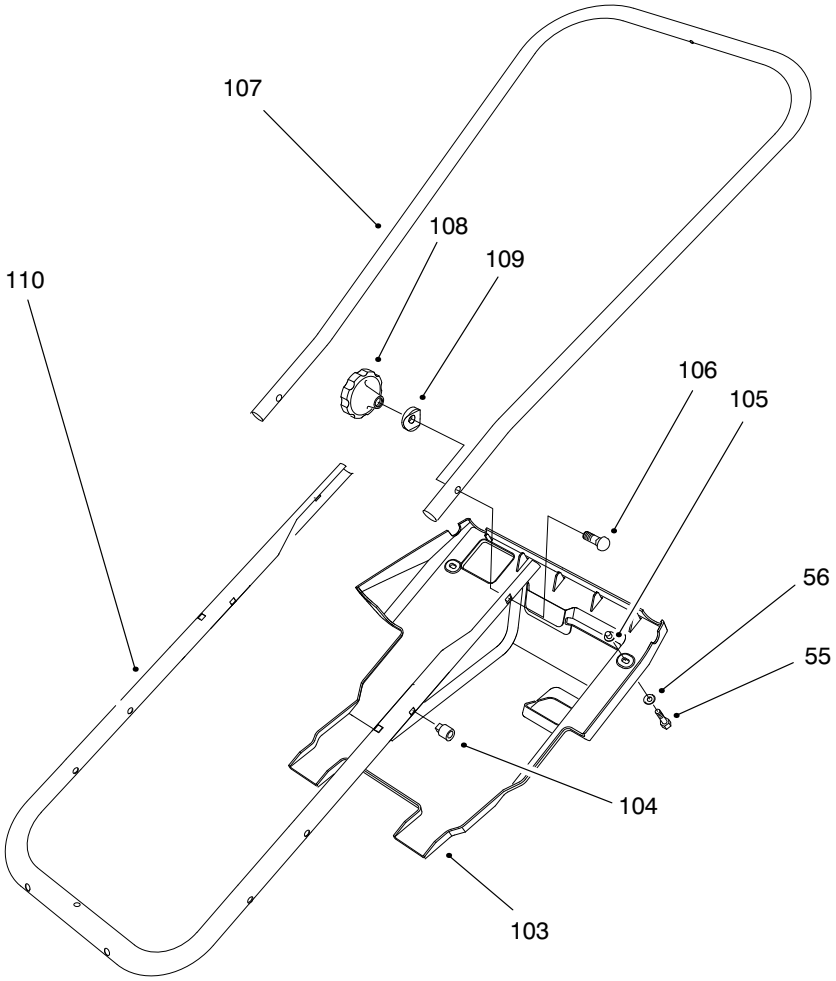
Sheet No.:4

ENGINE & WHEEL ASSEMBLY

Ref. No.	Part No.	Qty.	Description
1	46–8094	3	Screw–TAP
5	3256–1	6	Washer–Flat
28	32105–23	1	Screw–HH
56	3256–14	1	Washer–Flat
60	3296–42	4	Nut–Lock
77	3–7501	2	Washer–Curved
79	3290–320	2	Nut–Push
80	23–3250	2	Wheel
81	321–10	4	Screw–HH
88	2412–98	2	Clamp–Hose
90	49–2483	1	Hose–Fuel
91	75–9100	1	Bushing–Isolation
92	75–8980	1	Support–Engine
93	80–0620	1	Ring–Isolator
94	80–0650	1	Spacer–Mount
95	3256–58	1	Washer–Flt
96	3296–16	1	Nut–Lock
98	75–8900	1	Bracket–Wheel
99	75–8820	1	Sideplate–RH
100	3296–2	1	Nut Lock
101	27–0062	1	Axle
102	75–8910	1	Bracket–Wheel
112	92–6019	3	Screw–Thread Forming
114		1	Engine
115	92–6012	1	ASM–Bracket & Stud

Ref. No.	Part No.	Qty.	Description
148	92–6031	A/R	Screw
149	3255–10	A/R	Lockwasher

PROTOTYPE



Sheet No.:5

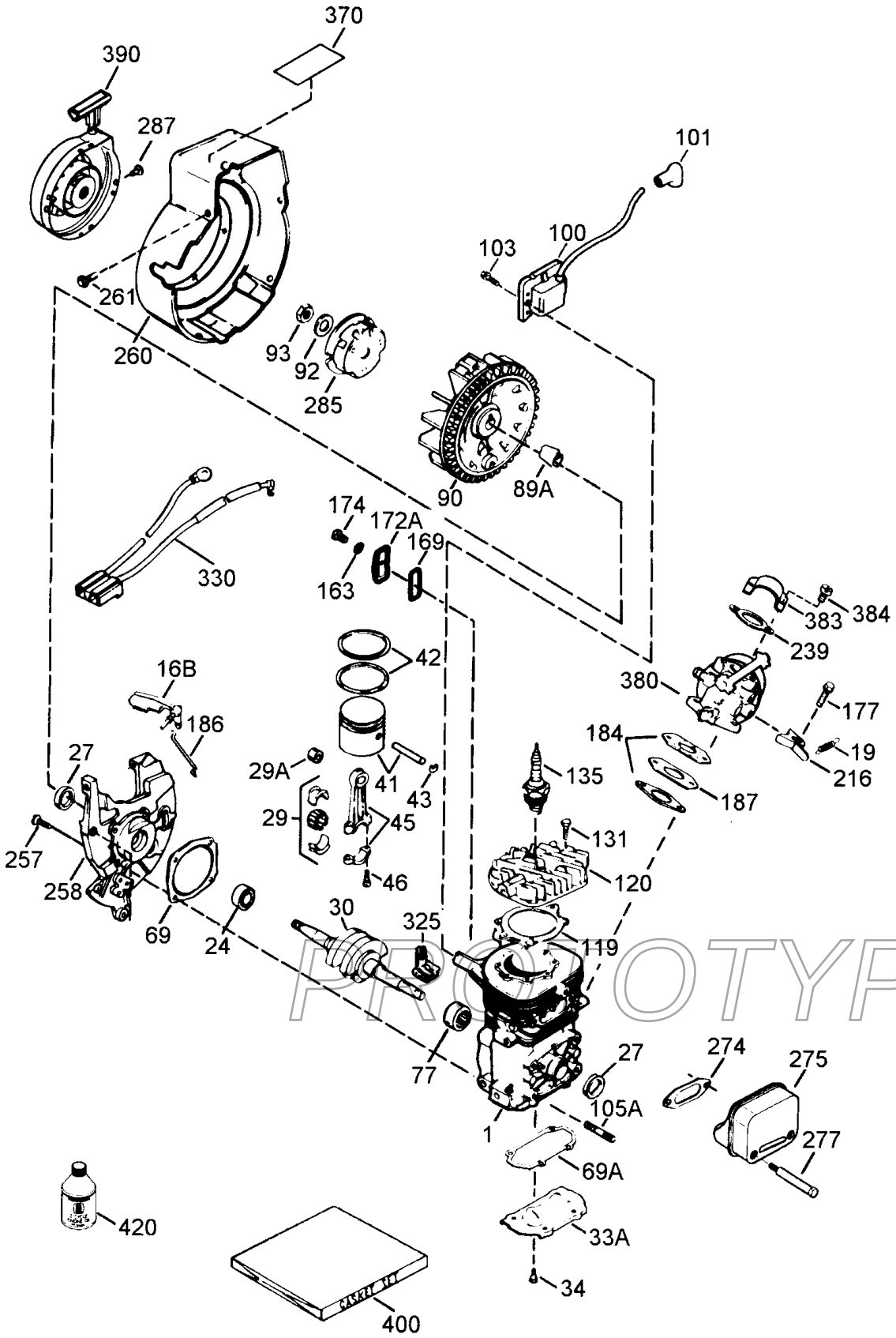
HANDLE ASSEMBLY

Ref. No.	Part No.	Qty.	Description
55	32144–34	2	Screw–Hex Slot
56	3256–14	2	Washer–Flat
103	75–8790	1	Shroud–Lower
104	32115–17	2	Nut–Expansion
105	3290–453	2	Nut–Push
106	17–9426	2	Screw
107	75–9070	1	Handle–Upper
108	19–4050	2	Knob
109	75–9130	2	Washer–Pin
110	75–9060	1	Tube–Frame

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

ENGINE TECUMSEH MODEL NO. HSK600 TYPE 1680S



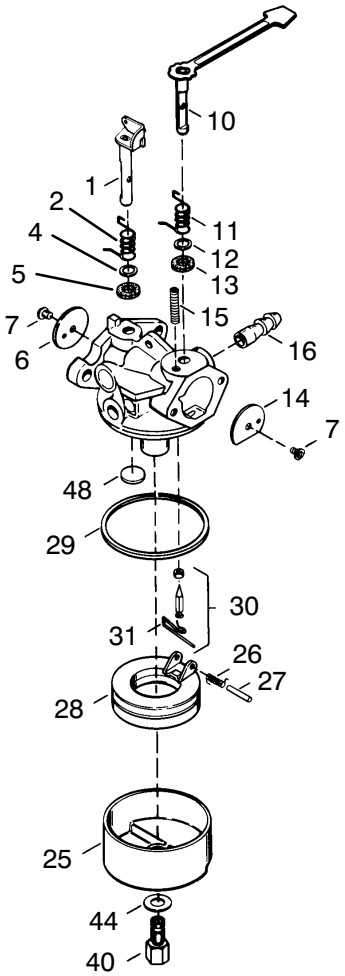
PROTOTYPE

ENGINE TECUMSEH MODEL NO. HSK600 TYPE 1680S

Ref. No.	Part No.	Description	No. Used
1		Block Ass'y − Cylinder (Order short block if replacement is required)	1
16B	490291A	Vane Ass'y − Air	1
19	570707	Spring − Governor	1
24	530110	Bearing − Ball	1
27	510319	Seal − Crankshaft	2
29	530150	Bearing & Liner Set − Needle (37 Needles)	1
29A	530104A	Bearing − Cartridge	1
30	290602	Crankshaft	1
33A	570644	Plate − Cover	1
34	650579	Screw − Pan Flex Hd.	4
41	310283A	Piston & Pin Ass'y (Incl. ref. #43)	1
42	310190	Ring Set − Piston	1
43	310167	Ring − Piston Pin Retaining	2
45	310235B	Rod Ass'y − Connecting (Incl. ref. #29, 29A & 46)	1
46	650633	Screw − Connecting Rod	2
69	*510292A	Gasket − Cylinder Cover	1
69A	*510323A	Gasket − Cover Plate	1
77	530105	Bearing − Needle	1
89A	611032	Sleeve − Flywheel	1
90	611066	Flywheel	1
92	650815	Washer − Belleville	1
93	650390	Nut − Flywheel	1
100	34443A	Solid State Ass'y (Incl. Ref. #101)	1
101	610118	Cover − Spark Plug	1
103	650814	Screw − Hex. Hd. Sems	2
105A	650796	Stud − Cylinder	4
119	*510274A	Gasket − Cylinder Head	1
120	250240B	Head − Cylinder	1
131	650477	Screw − Pan Flex Hd.	5
135	611049	Plug − Spark (RCJ−8Y or equivalent)	1
163	650838	Washer − Flat	1
169	*510325A	Gasket − Cover	1
172A	570708	Cover Ass'y − Compression Release	1
174	650579	Screw − Torx. Hd.	1
177	650959	Screw	2
184	*510326A	Gasket − Carburetor	2
186	490322	Link − Governor	1
187	570438A	Spacer	1
216	570645	Level − Adjusting	1
239	35815	Gasket − Filter Base	1
257	650911	Screw − Torx Pan Hd.	4
258	350422	Base Ass'y − Blower Housing (Incl ref. #27)	1
260	350437	Housing − Blower	1
261	650737	Screw − Hex. Washer Hd.	3
274	*510207A	Gasket − Exhaust	1
275	390332	Muffler (Incl. Ref. #274 & 277)	1
277	650869	Screw − Torx Pan Hd.	2
285	590551	Cup − Starter	1
287	650926	Screw	3
325A	29443	Clip − Spring	1
330	611131A	Harness − Wire	1
370	35977	Decal − Caution	1
380	632641	Carburetor (Incl. ref. #184)	1
383	570434	Baffle − Air	1
384	650229	Screw − Pan Hd. Sems	2
390	590652	Starter Ass'y − Rewind	1
400	510324B	Gasket Set	1
422	730227A	Oil − 2 Cycle (8 oz.)	1

PROTOTYPE

*Indicates parts included in Gasket Set ref. #400



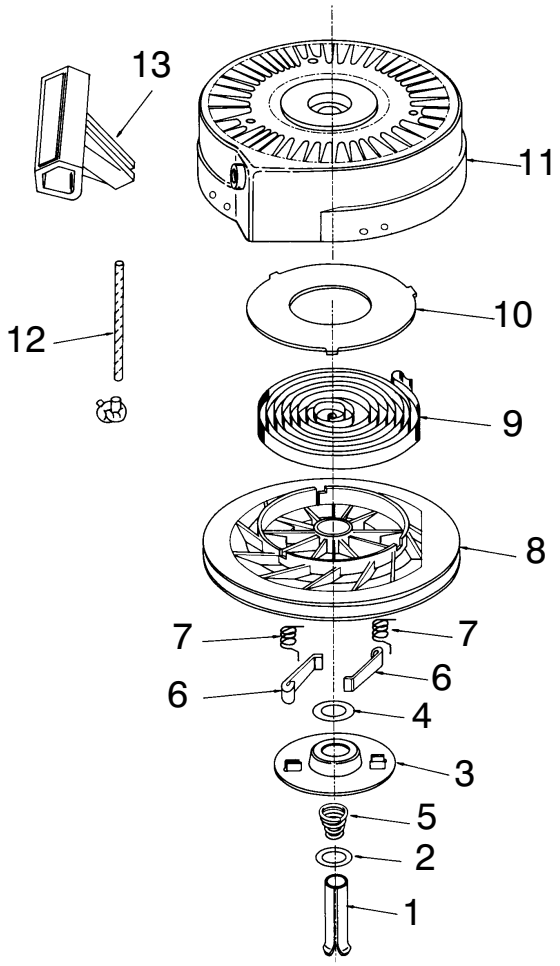
C−1748

CARBURETOR NO. 632641

Ref. No.	Part No.	Description	No. Used
1	632166	Throttle Shaft & Lever Assy.	1
2	632169	Spring − Throttle Return	1
4	631184	Washer − Steel	1
5	631183	Washer − Felt	1
6	631621	Shutter − Throttle	1
7	650506	Screw − Shutter	2
10	632553	Choke Shaft & Lever Assy.	1
14	631815	Shutter − Choke	1
15	630735	Spring − Choke Positioning	1
16	632164	Fitting − Fuel Inlet	1
25	631700	Bowl − Float	1

Ref. No.	Part No.	Description	No. Used
26	632386	Spring − Float Shaft	1
27	631024	Shaft − Float	1
28	632019	Float − Carburetor	1
29	631028	Seal − O−Ring	1
30	631021	Inlet Needle, Seat & Clip (Incl. ref. #31)	1
31	631022	Clip − Spring	1
40	632385	Nut − Float Bowl	1
44	631334	Gasket − Bowl	1
48	631027	Plug − Welch	1

PROTOTYPE



C–1750

RECOIL STARTER NO. 590652

Ref. No.	Part No.	Description	No. Used
1	590599A	Pin – Spring (Incl. Ref. #4)	1
2	590600	Washer	1
3	590615	Retainer	1
4	590601	Washer	1
5	590598	Spring – Brake	1
6	590616	Dog – Starter	2
7	590617	Spring – Dog	2

Ref. No.	Part No.	Description	No. Used
8	590413A	Pulley Assembly (Incl. Ref. #9 & 10)	1
9	590619	Spring – Rewind	1
10	590620	Cover – Spring	1
11	590643	Starter Housing Assembly	1
12	590535	Rope – Starter	1
13	590452	Handle – Starter	1

PROTOTYPE

Toro Part Number Index

Part No.	Page No.	Ref. No.	Qty.	Description
3−7501	3	77	2	Washer−Curved
3−7501	4	77	2	Washer−Curved
17−9426	5	106	2	Screw
19−4050	5	108	2	Knob
23−3250	4	80	2	Wheel
23−7470	2	38	1	Guide−Rope
25−5640	1	20	1	Washer
27−0062	4	101	1	Axle
38−7820	3	70	2	Bearing−Ball
40−5940	2	32	1	Switch−Key
44−2750	2	31	1	Body−Primer
44−3173	2	74	1	Hose−Primer
46−8094	1	1	3	Screw−TAP
46−8094	2	1	4	Screw−TAP
46−8094	4	1	3	Screw−TAP
49−1490	2	33	2	”j” Nut
49−2483	4	90	1	Hose−Fuel
55−3573	2	39	1	ASM−Gas Cap
63−8360	2	37	1	Key−Ignition
66−7460	2	34	1	Bulb−Primer
71−5050	1	13	1	Body−Half Sheave
71−5060	1	10	1	Cap−Half Sheave
71−5260	1	2	1	Pulley−Idler
71−5290	1	15	2	Plate−Engine
75−8650	2	54	1	Retainer−Chute
75−8660	2	29	1	Housing
75−8670	2	51	1	Handle−Chute
75−8690	3	69	1	Nut−Rotor Shaft
75−8700	1	26	1	Bushing−Idler
75−8710	3	73	1	Spacer
75−8720	1	12	1	Pin−Idler
75−8740	1	21	1	Hub
75−8750	1	23	1	Pulley
75−8760	2	44	1	Chute−Discharge
75−8770	2	47	1	Deflector−Chute
75−8780	3	57	1	Scraper
75−8790	5	103	1	Shroud−Lower
75−8800	2	30	1	Shroud−Upper
75−8810	1	17	1	Sideplate−LH
75−8820	4	99	1	Sideplate−RH
75−8830	1	6	1	Cover−Belt
75−8840	3	66	1	Wa−Rotor
75−8870	1	14	1	Bracket−Cover
75−8880	3	65	2	Support−Motor
75−8900	4	98	1	Bracket−Wheel
75−8910	4	102	1	Bracket−Wheel
75−8980	4	92	1	Support−Engine
75−9010	1	22	1	”v” Belt
75−9020	1	16	1	Spring−Extension
75−9031	2	35	1	Panel−Control
75−9040	3	62	2	Washer−Square
75−9050	1	27	1	Arm−Idler
75−9060	5	110	1	Tube−Frame
75−9070	5	107	1	Handle−Upper
75−9080	3	67	2	Wa−Flange Bearing
75−9100	4	91	1	Bushing−Isolation
75−9130	5	109	2	Washer−Pin
75−9160	2	53	1	Detent−Chute
75−9170	2	52	2	Spring−Compression
75−9180	3	68	1	Washer−Rubber
80−0620	4	93	1	Ring−Isolator
80−0630	1	7	1	Decal−Hot

PROTOTYPE

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
80−0640	2	43	2	Washer−Rubber
80−0650	4	94	1	Spacer−Mount
80−0680	2	119	1	Decal−Powerlite
84−1970	3	71	8	Screw−Countersunk
84−1980	3	72	2	Blade−Rotor
84−5420	2	142	1	Decal−Control Panel
92−6012	4	115	1	ASM−Bracket & Stud
92−6019	4	112	3	Screw−Thread Forming
92−6031	4	148	A/R	Screw
233−67	2	42	1	Knob
2412−98	4	88	2	Clamp−Hose
321−3	2	59	2	Screw−HH
321−3	3	59	3	Screw−HH
321−10	4	81	4	Screw−HH
3229−5	3	63	2	Screw−CARR
3229−11	2	50	1	Bolt−CARR
3230−2	2	45	2	Screw−CARR
3230−23	1	19	1	Screw−CARR
3234−33	3	61	7	Screw−HFW
3235−6	1	8	1	Screw−HH
3250−32	2	75	2	Screw−PPH
3255−10	4	149	A/R	Lockwasher
3256−1	1	5	2	Washer−Flat
3256−1	2	5	4	Washer−Flat
3256−1	4	5	6	Washer−Flat
3256−14	1	56	1	Washer−Flat
3256−14	3	56	3	Washer−Flat
3256−14	4	56	1	Washer−Flat
3256−14	5	56	2	Washer−Flat
3256−25	1	24	1	Washer−Flt
3256−58	4	95	1	Washer−Flt
3256−68	2	48	2	Washer−Flt
3256−71	1	9	1	Washer−Flat
3256−81	2	41	2	Washer−Flat
3257−3	1	18	1	Key−Woodruff
3290−320	4	79	2	Nut−Push
3290−340	2	46	2	Washer−Spring
3290−453	5	105	2	Nut−Push
3296−2	1	100	1	Nut Lock
3296−2	4	100	1	Nut Lock
3296−16	4	96	1	Nut−Lock
3296−29	1	11	5	Nut−Lock
3296−29	2	11	2	Nut−Lock
3296−38	1	25	1	Nut−Lock
3296−42	2	60	2	Nut−Lock
3296−42	3	60	2	Nut−Lock
3296−42	4	60	4	Nut−Lock
3296−56	2	64	2	Nut−Hex Lock
3296−56	3	64	12	Nut−Hex Lock
3296−59	1	3	1	Nut−Lock
32105−23	1	28	1	Screw−HH
32105−23	4	28	1	Screw−HH
32115−15	2	49	3	Retainer
32115−17	5	104	2	Nut−Expansion
32115−19	3	58	3	”u” Nut
32144−4	1	4	4	Screw−TAP
32144−34	3	55	3	Screw−Hex Slot
32144−34	5	55	2	Screw−Hex Slot
32144−53	2	36	2	Screw−Tf Acorn Hd
32144−89	2	76	2	Csrew−HH

PROTOTYPE

*Not Illustrated

MAINTENANCE RECORD

Date								

PROTOTYPE

MAINTENANCE RECORD

Date								

PROTOTYPE