Form No. 3322–800

724 Snowthrower

Model No. 38072—200000001 and Up
Model No. 38073—200000001 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.

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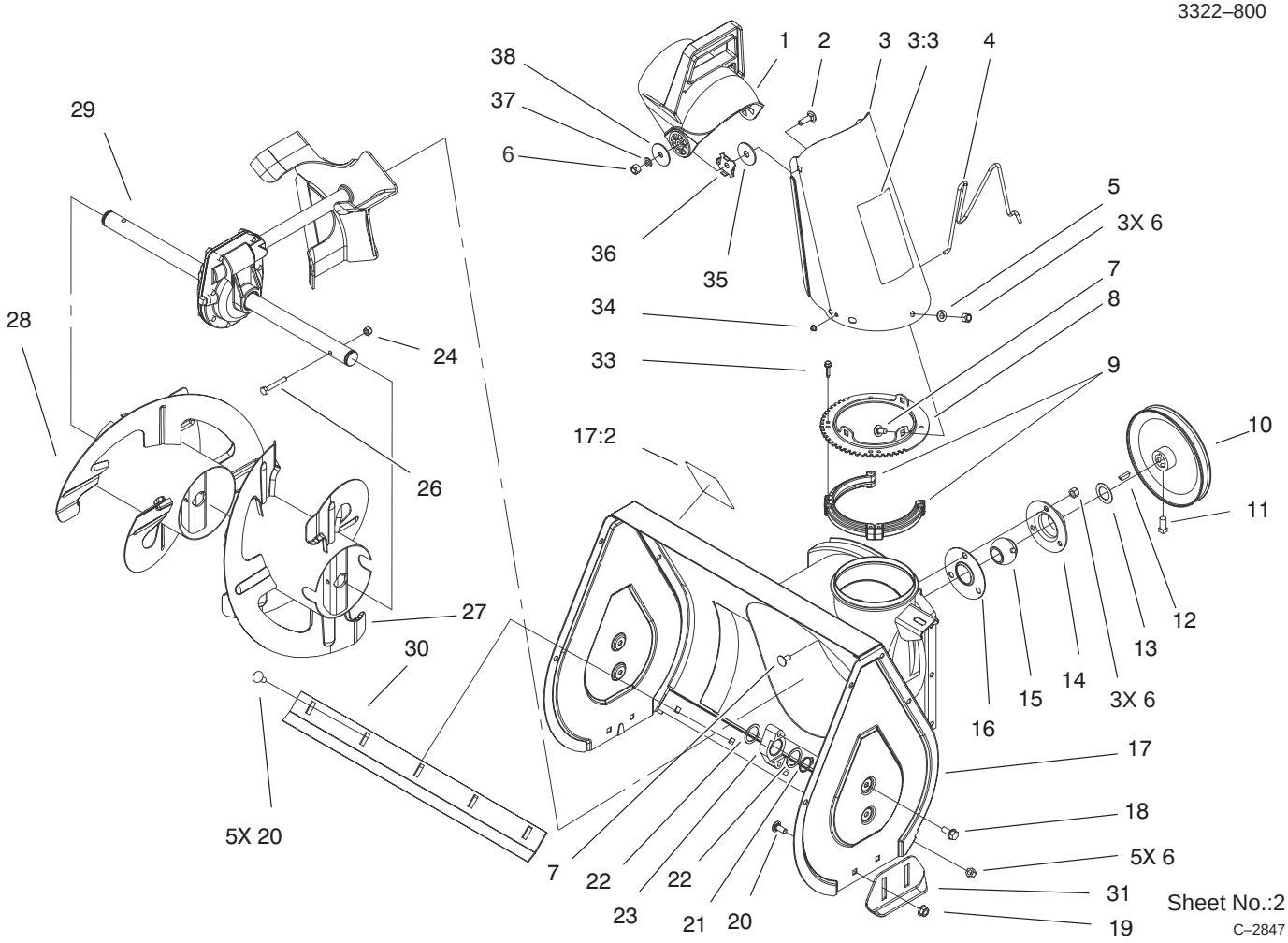
Accessories

Description	Model / Part No.
110 Vac Electric Starter Kit	38037
Tire Chain Kit	56–2700
Drift Breaker Kit	37–7021
Snow Cab	88–0600

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

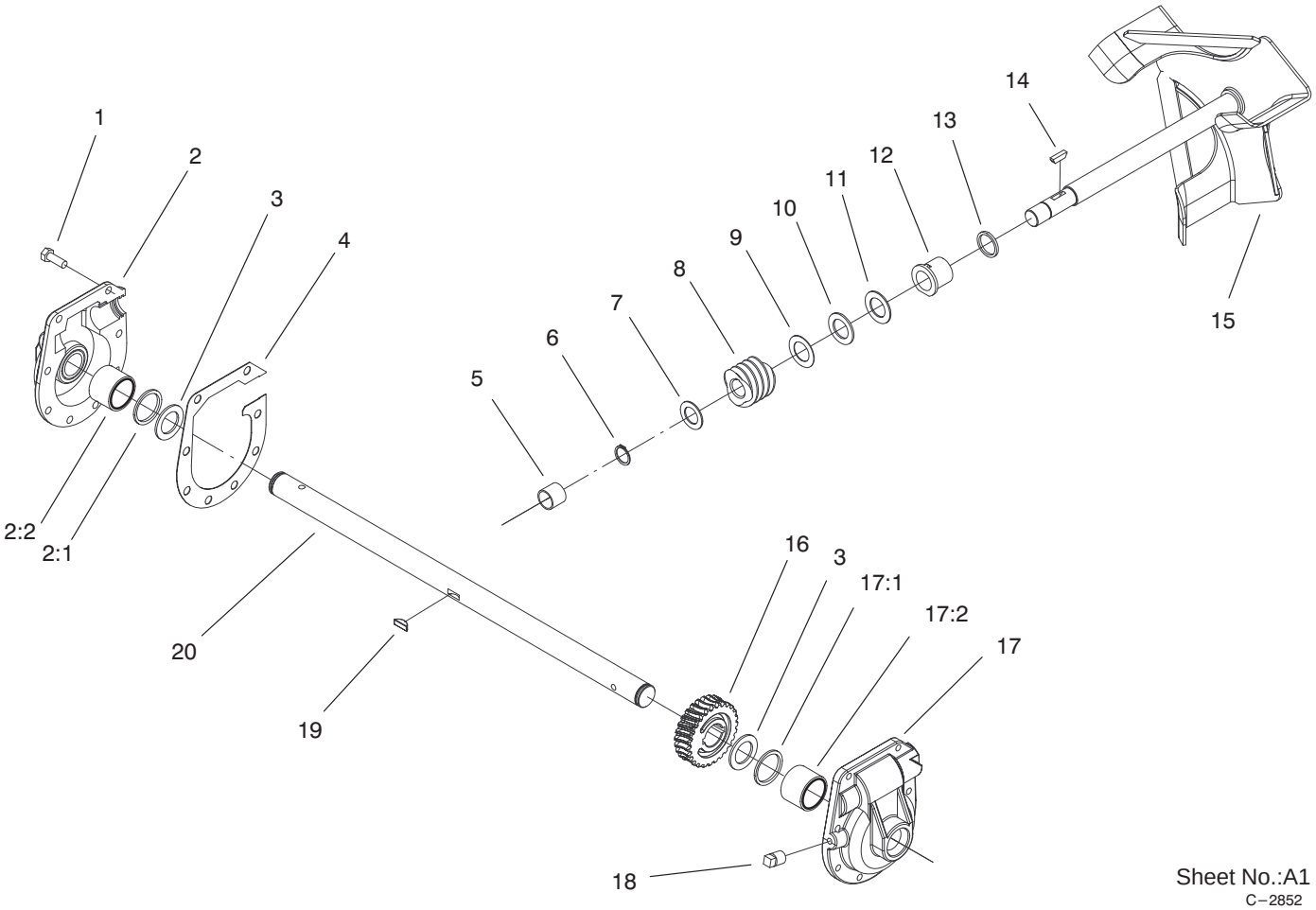
Abbreviation	Meaning
AR	as required
ASM	assembly
CARR	carriage
DEG	degrees
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HLH	hex lag head
HJ	hex jam
HOC	height-of-cut
HS	hex socket
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF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



Chute and Auger Assembly

Ref. No.	Part No.	Qty.	Description
1	56–2680	1	Chute–Deflector
2	3230–22	2	Screw–CARR
3	94–2792	1	Chute ASM (only on: 38073)
3	94–2793	1	Chute ASM (only on: 38072)
3:3	94–2558	1	Decal – Danger (only on: 38073)
3:3	94–8079	1	Decal–Danger (only on: 38072)
4	56–2670	1	Wire–Chute
5	3256–23	3	Washer–Flat
6	3296–29	13	Nut–Lock
7	3230–18	6	Screw–CARR
8	37–8941–03	1	Ring–Chute
9	37–6490	3	Ring–Chute, Retainer
10	37–6890	1	Pulley
11	3242–4	2	Screw–SQH Set
12	3257–23	1	Key–Woodruff
13	3–0737	1	Washer
14	26–6110	1	Flange–Cup, Bearing
15	63–3450	1	Bearing–Ball
16	26–6120	1	Flange–Cup, Bearing
17	94–2786	1	Auger Housing ASM (only on: 38072)

Ref. No.	Part No.	Qty.	Description
17	94–2785	1	Auger Housing ASM (only on: 38073)
17:2	94–2568	1	Decal–Warning, Auger (only on: 38073)
17:2	53–7670	1	Decal–Warning, Auger (only on: 38072)
18	32144–70	4	Screw–HH
19	32128–20	4	Nut–HF
20	3230–1	9	Screw–CARR
21	32151–36	2	Ring–Retaining
22	5–1550	4	Washer
23	37–6550	2	Bearing–Auger
24	3296–42	2	Nut–Lock
26	321–10	2	Screw–HH
27	74–1590–03	1	Auger, LH
28	74–1600–03	1	Auger, RH
29	37–6961	1	24” Gear Case ASM
30	100–3555–01	1	Blade–Scraper
31	40–8160–01	2	Skid
33	27–0220	6	Screw–Special
34	3290–326	1	Nut–Push
35	20–4320	2	Washer–Rubber
36	55–8950	2	Plate–Friction
37	3290–456	2	Washer–Belleville
38	3256–68	2	Washer–Flat

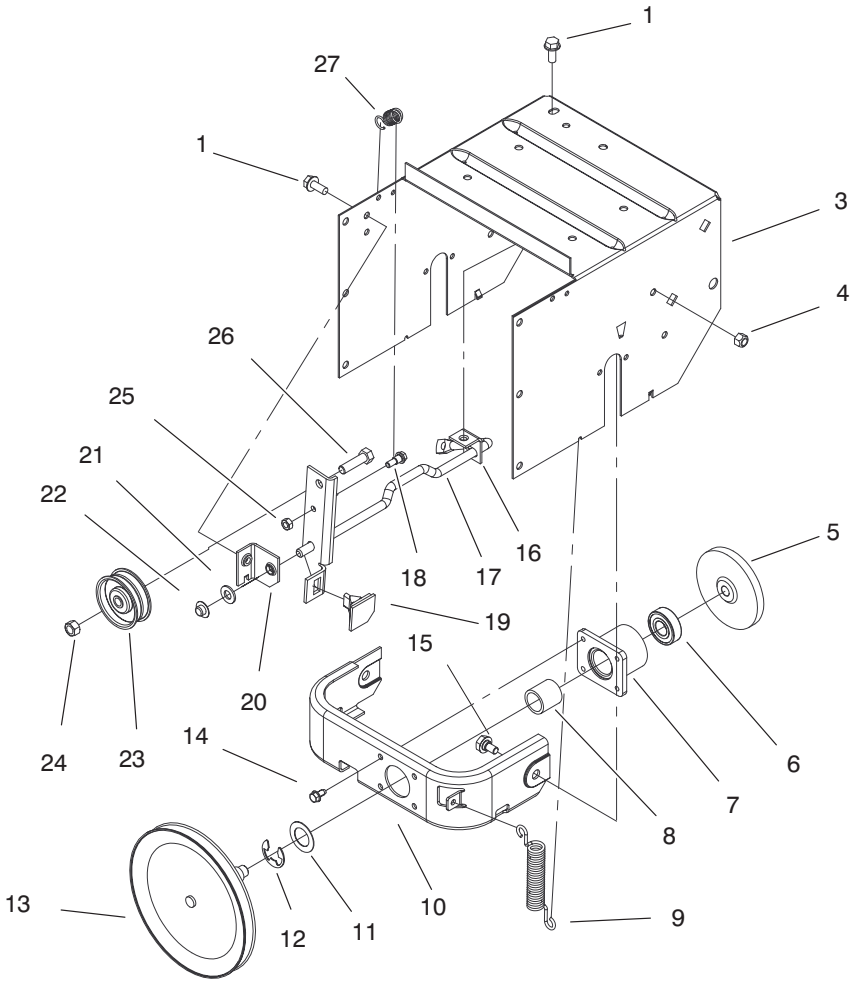


Sheet No.:A1
C–2852

24” Gear Case Assembly No. 37–6961

Ref. No.	Part No.	Qty.	Description
1	32144–41	8	Screw–Taptite
2	14–2449	1	Gear Case, RH
2:1	7–0045	1	Seal–Oil
2:2	256–237	1	Bushing
3	252–71	2	Bearing–Thrust
4	51–0460	1	Gasket–Gear Box
5	256–32	1	Bushing
6	32120–72	1	Ring–Snap
7	3–8664	1	Washer–Thrust
8	5–7170	1	Gear
9	252–80	1	Bearing–Thrust
10	252–76	1	Bearing–Thrust
11	257–3	1	Washer–Thrust
12	37–6560	1	Bushing–Input
13	237–87	1	Ring–Quad
14	3257–23	1	Key–Woodruff
15	37–6990–03	1	Shaft–Impeller
16	5–7180	1	Gear–Worm 21 T
17	14–2459	1	Gear Case, LH
17:1	7–0045	1	Seal–Oil
17:2	256–237	1	Bushing
18	281–1	1	Plug–SQH Pipe
19	3257–33	1	Key–Woodruff
20	37–6801	1	Shaft–Auger

Ref. No.	Part No.	Qty.	Description

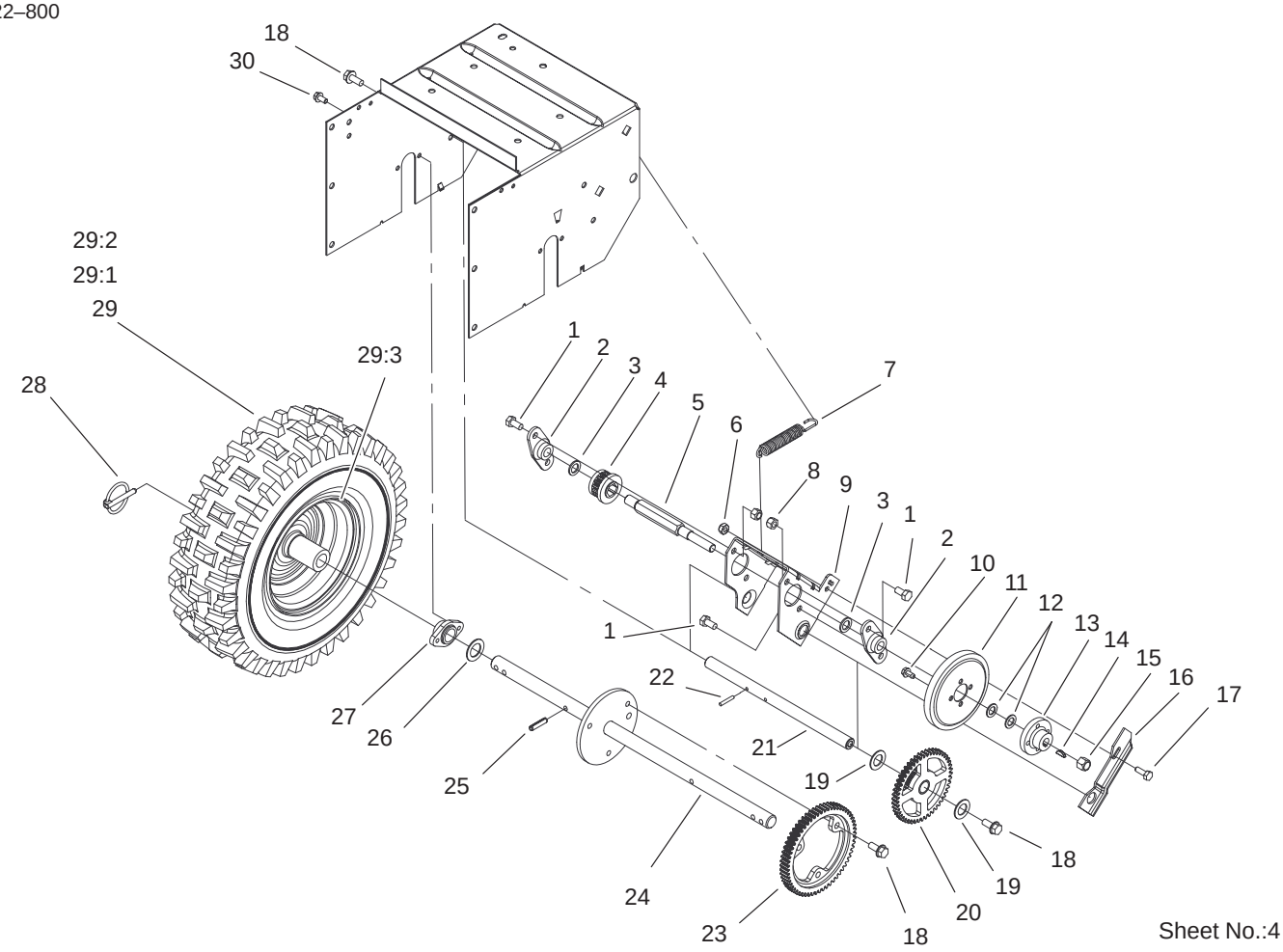


Sheet No.:3

Traction Assembly

Ref. No.	Part No.	Qty.	Description
1	32144–70	2	Screw–HH
3	37–8900–01	1	Frame–Traction
4	3296–29	2	Nut–Lock
5	38–0800	1	Plate–Friction
6	38–7820	1	Bearing–Ball
7	88–0560	1	Hub–Frame, Traction
8	256–322	1	Bushing
9	37–8870	1	Spring–Plate,Friction
10	88–0550–03	1	Frame–Front
11	252–80	1	Bearing–Thrust
12	32151–103	1	Ring–Snap
13	88–0850	1	Pulley & Drive ASM
14	12–3270	4	Screw
15	37–8770	2	Bolt–Shoulder
16	37–9070	1	Bracket–Mount Clutch, Rear
17	40–6511–03	1	Rod–Clutch, Auger
18	42–3560	1	Bolt–Shoulder
19	66–8060	1	Pad–Brake
20	66–6790	1	Bracket–Mount Clutch, Front
21	3256–24	1	Washer–Flat
22	3290–320	1	Retainer–Push On
23	3–4244	1	Pulley–Idler
24	3296–59	1	Nut–Lock Ni
25	3296–56	1	Nut–Lock Ni

Ref. No.	Part No.	Qty.	Description
26	323–29	1	Screw–HH
27	53–7570	1	Spring

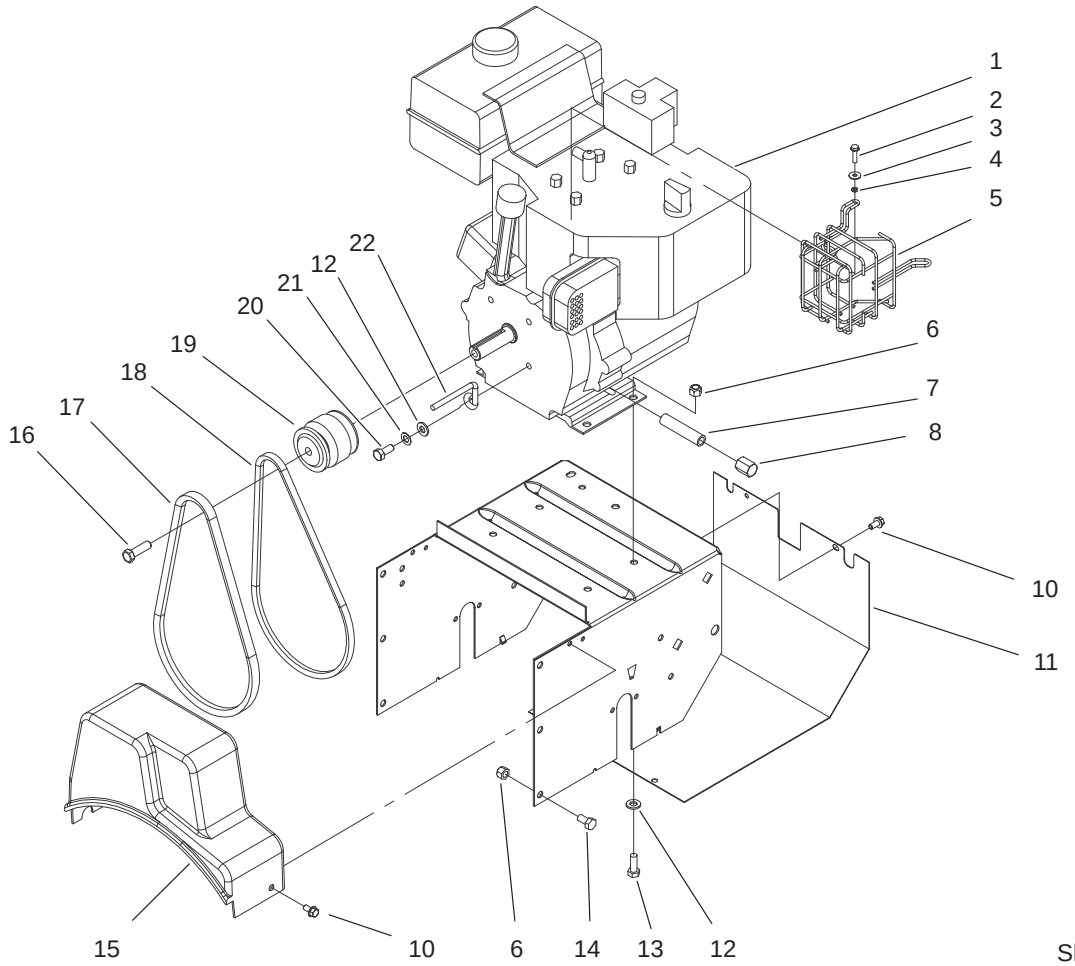


Sheet No.:4

Traction Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
1	322–2	4	Screw–HH
2	20–1620	2	Bearing–Wheel, Friction
3	5–7570	2	Washer–Flat
4	37–6500	1	Pinion
5	37–6780	1	Shaft–Wheel, Friction
6	3296–16	1	Nut–Lock
7	37–8880	1	Spring–Traction
8	3296–29	4	Nut–Lock
9	39–1230	1	Bracket–Sliding
10	12–3270	4	Screw
11	37–6570	1	Wheel–Friction
12	36–4790	2	Washer–Thrust
13	39–1520	1	Hub–Wheel, Friction
14	3257–24	1	Key–Woodruff
15	3296–48	1	Nut–Lock Ni
16	39–1250	1	Cam–Receiver
17	321–4	1	Screw–HH
18	32144–70	5	Screw–HH
19	10–9280	2	Washer–Special
20	37–9160	1	Int. Gear/Bushing ASM
21	37–6760	1	Shaft–Pivot
22	32121–45	2	Pin–Spring
23	37–6520	1	Gear–Axle
24	74–1350	1	Shaft–Axle
25	32121–31	2	Pin–Spring

Ref. No.	Part No.	Qty.	Description
26	3–8664	2	Washer–Thrust
27	37–6850	2	Bearing–Axle
28	3290–243	2	Pin–Lynch
29	67–9221	2	Wheel And Tire ASM
29:1	231–120	1	Tire
29:2	232–46	1	Tube
29:3	241–131	1	Rim–Wheel
30	32144–4	4	Screw–HH

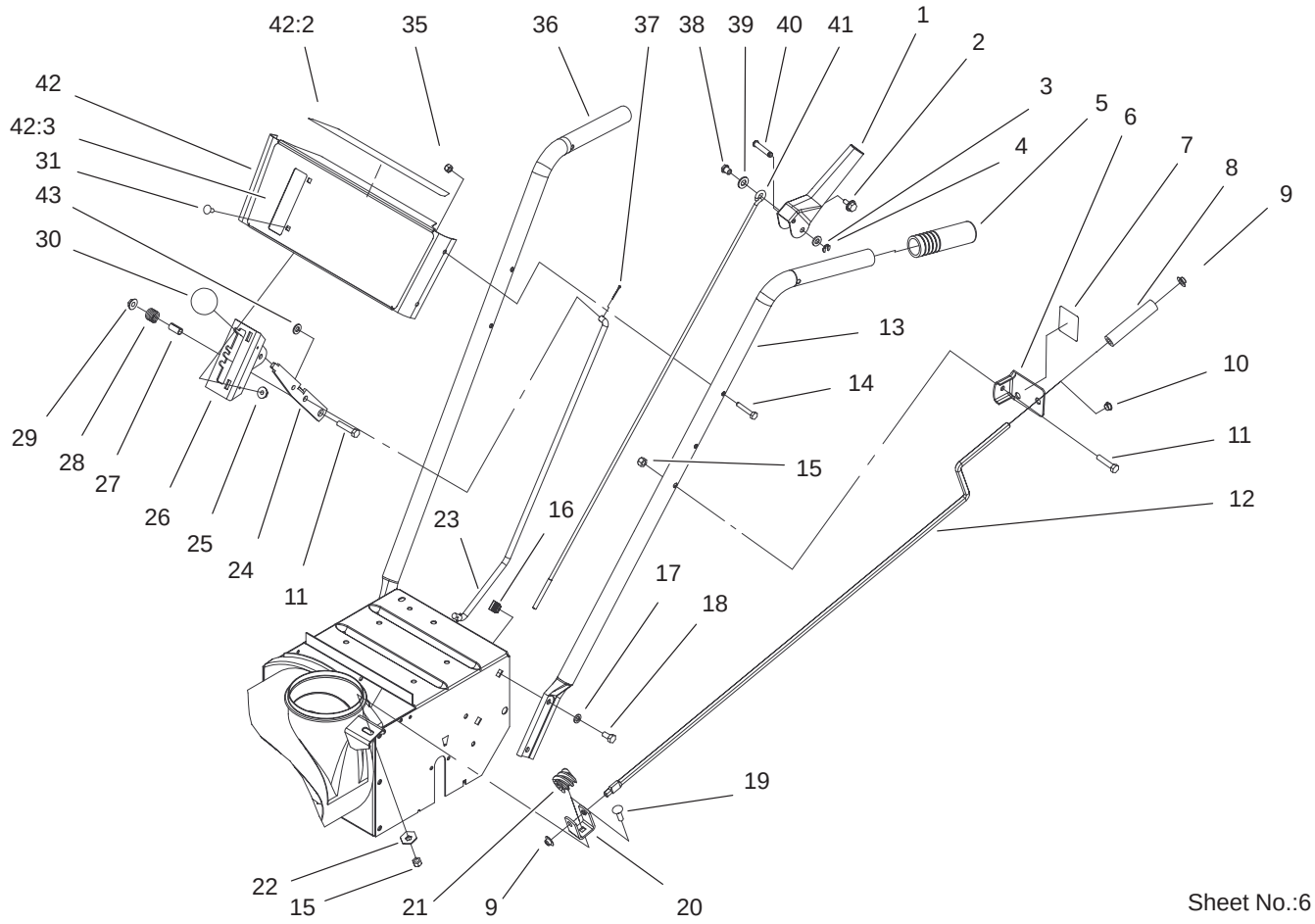


Sheet No.: 5

Engine Assembly

Ref. No.	Part No.	Qty.	Description
‡1		1	Engine–7hp, Tecumseh Hsk70–130302u
2	93–8048	3	Screw (only on: 38073)
3	3256–49	3	Washer–Flat (only on: 38073)
4	3253–17	3	Washer–Lock/Sp (only on: 38073)
5	94–2762	1	Guard – Muffler (only on: 38073)
6	3296–29	10	Nut–Lock
7	289–9	1	Pipe–Nipple
8	288–2	1	Cap–Pipe
10	32144–4	6	Screw–HH
11	37–6830–01	1	Cover–Traction, Lower
12	3256–23	5	Washer–Flat
13	322–4	4	Screw–HH
14	322–2	6	Screw–HH
15	37–6900	1	Cover – Belt
16	43–7290	1	Screw–Special
17	26–9672	1	V–Belt
18	37–9090	1	V–Belt
19	74–1370	1	Pulley–Engine
20	3210–3	1	Screw–HH
21	3255–8	1	Washer–Lock/Ext
22	37–8990	1	Retainer–Belt

‡ Obtain locally.

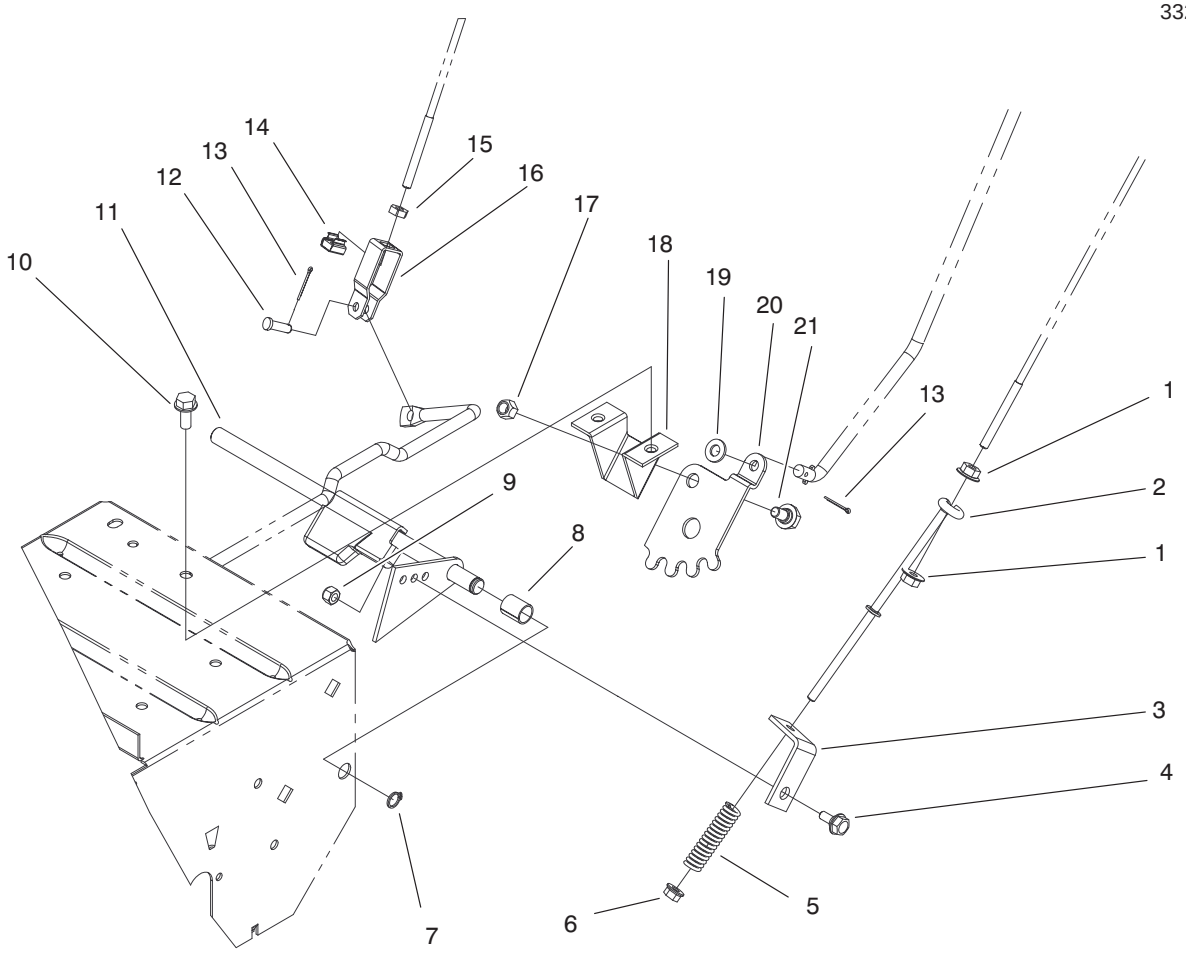


Sheet No.:6

Handle Assembly

Ref. No.	Part No.	Qty.	Description
1	63–3640	2	Handle–Control
2	3234–13	2	Screw–HHF
3	3256–23	2	Washer–Flat
4	32151–73	2	Ring–Clip
5	74–1360	2	Grip–Handle
6	25–6090	1	Bracket–Rod, Chute
7	63–3510	1	Decal – Chute Direction
8	40–8230	1	Grip–Chute Control
9	3290–320	2	Retainer–Push On
10	256–249	1	Bushing
11	322–7	2	Screw–HH
12	40–8270	1	Rod–Control, Chute
13	52–5571–03	1	Handle–Left
14	321–9	4	Screw–HH
15	3296–29	2	Nut–Lock
16	3290–196	4	Nut
17	3290–456	4	Washer–Belleville
18	322–2	4	Screw–HH
19	3230–22	1	Screw–CARR
20	40–8280	1	Bracket–Worm
21	40–8250	1	Gear–Worm, Chute
22	3290–238	1	Washer–Lock
23	74–1490	1	Rod–Selector, Speed
24	37–8821–03	1	Selector–Speed
25	32128–33	2	Nut–HF

Ref. No.	Part No.	Qty.	Description
26	39–1280–03	1	Mount–Selector, Speed
27	40–8130	1	Spacer
28	37–9150	1	Spring
29	32128–13	1	Nut–Hex Flange
30	233–21	1	Knob
31	3229–11	2	Screw–CARR
35	3296–42	4	Nut–Lock
36	52–5561–03	1	Handle–Right
37	3272–4	1	Pin–Cotter
38	47–4990	2	Post–Linkage Mounting
39	3256–24	2	Washer–Flat
40	52–5600	2	Pin–Lever, Control
41	52–5590	2	Link–Upper
42	100–3568	1	Panel ASM (only on: 38072)
42	100–3569	1	Panel ASM (only on: 38073)
42:2	99–3215	1	Decal–Escutcheon Back (only on: 38073)
42:2	99–3214	1	Decal–Escutheon Back (only on: 38072)
42:3	100–3437	1	Decal–Escutcheon
43	3256–24	1	Washer–Flat



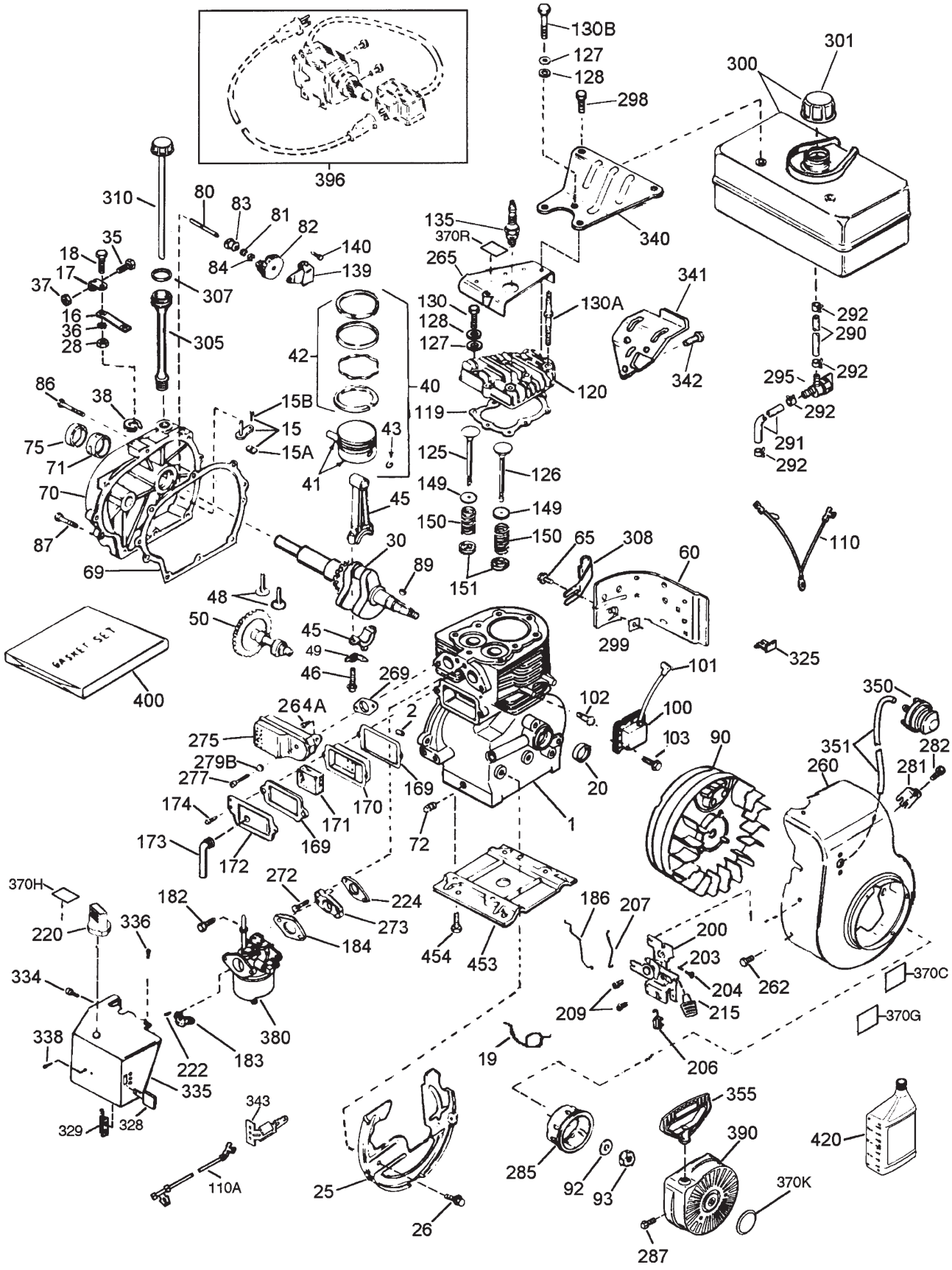
Sheet No.:7

Linkage and Traction Assembly

Ref. No.	Part No.	Qty.	Description
1	32128–33	1	Nut–HF
2	39–3060	1	Rod–Traction, Lower
3	38–4490	1	Bracket–Traction
4	40–8350	1	Screw
5	38–4520	1	Spring
6	32128–32	2	Nut–Hex, Flange
7	32151–61	1	Ring–Retaining
8	40–9680	1	Spacer
9	3296–42	1	Nut–Lock
10	32144–70	2	Screw–HH
11	43–7310–03	1	Traction Arm Assembly
12	283–3	1	Pin–Clevis
13	3272–4	2	Pin–Cotter
14	32115–5	1	Nut–Retained
15	3218–1	1	Nut–Jam
16	39–3080	1	Clevis
17	3296–29	1	Nut–Lock
18	37–8790	1	Mount–Lever
19	3256–24	1	Washer–Flat
20	37–8801	1	Gear–Quadrant
21	37–8770	1	Bolt–shoulder

Ref. No.	Part No.	Qty.	Description

Engine Tecumseh Model HSK70–130302U



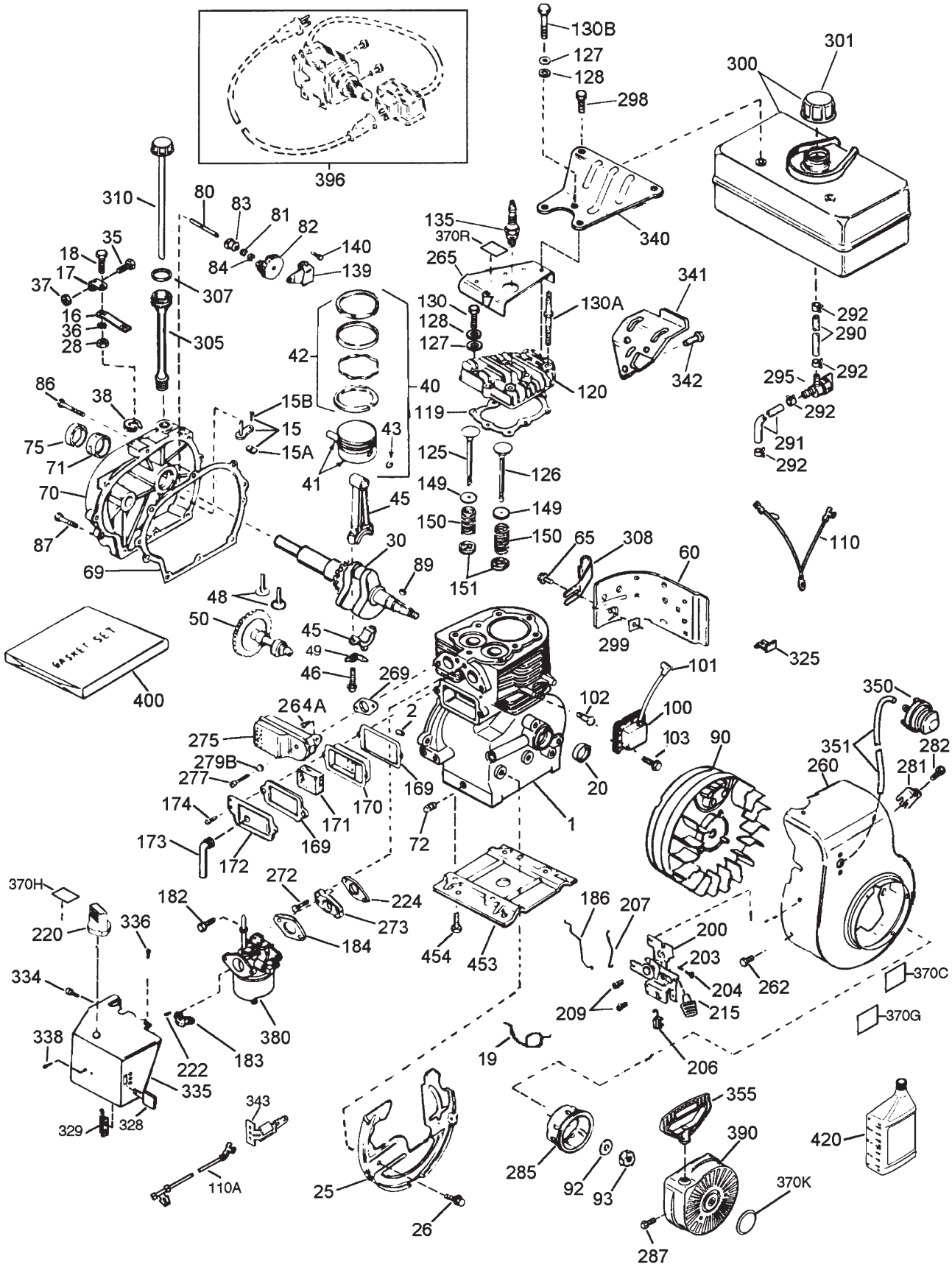
Engine Tecumseh Model HSK70–130302U

Ref. No.	Part No.	Qty.	Description
1	32586C	1	Cylinder (Incl. Ref. #2,20 & 72)
2	27652	2	Dowel Pin
15	30699C	1	Governor Rod (Incl. Ref. #15A & 15B)
15A	30700	1	Governor Yoke
15B	650494	1	Screw
16	33454	1	Governor Lever
17	29916	1	Governor Lever Clamp
18	651028	1	Screw
19	34663	1	Speed Control Spring
20	32630	1	Oil Seal
25	36460	1	Blower Housing Baffle
26	650561	2	Screw
28	30322	1	Lock Nut
30	35272	1	Crankshaft
35	29826	1	Screw
36	29918	1	Lock Washer
37	29216	1	Lock Nut
38	29642	1	Retaining Ring
40	34517	1	Piston, Pin & Ring Set (.010” OS)
40	34518	1	Piston, Pin & Ring Set (.020” OS)
40	34519	1	Piston, Pin & Ring Set (Std.)
41	32592B	1	Piston & Pin Ass’y (.010” OS) (Incl. Ref. #43)
41	32593B	1	Piston & Pin Ass’y (.020” OS) (Incl. Ref. #43)
41	32594B	1	Piston & Pin Ass’y (Std.) (Incl. Ref. #43)
42	34595	1	Ring Set (Std.)
42	34596	1	Ring Set (.020” OS)
42	34597	1	Ring Set (.010” OS)
43	27888	2	Piston Pin Retaining Ring
45	32591C	1	Connecting Rod Ass’y (Incl. Ref. #46 & 49)
46	650662C	2	Connecting Rod Bolt
48	34034	2	Valve Lifter
49	34242	1	Oil Dipper
50	32115	1	Camshaft (MCR)
60	30622A	1	Blower Housing Extension
65	650128	1	Screw
69	30684	1PK	Cylinder Cover Gasket
* 70	31303C	1	Cylinder Cover (Incl. Ref. #71, 75, & 80)
71	31546	1	Crankshaft Bushing
72	27642	2	Oil Drain Plug
75	28427	1	Oil Seal
80	31845	1	Governor Shaft

Ref. No.	Part No.	Qty.	Description
81	30590A	1	Washer
82	30591	1	Governor Gear Ass’y
83	30588A	1	Governor Spool
84	29193	1	Retaining Ring
86	650488	7	Screw
87	650493	1	Screw
90	611085	1	Flywheel
92	650815	1	Belleville Washer
93	8116	1	Flywheel Nut
100	34443B	1	Solid State Ignition
101	610118	1	Spark Plug Cover
102	651024	2	Solid State Mounting Stud
103	651007	2	Screw, Torx T–15
110	35253	1	Ground Wire
110A	37047	1	Ground Wire
*119	36453	1PK	Cylinder Head Gasket
120	36446	1	Cylinder Head (Incl. 3 of 131)
125	27878A	1	Exhaust Valve (Std.) (Incl. Ref. #151)
125	27880A	1	Exhaust Valve (1/32” OS) (Incl. Ref. #151)
126	32784	1	Intake Valve (1/32” OS) (Incl. Ref. #151)
126	32783	1	Intake Valve (Std.) (Incl. Ref. #151)
127	650691	3	Washer
128	650690	3	Belleville Washer
130	650697A	2	Screw
130A	650697A	3	Screw
130B	650697A	3	Screw
135	35395	1	Resistor Spark Plug (RJ19LM)
139	31843A	1	Governor Gear Bracket
140	650965	2	Screw, Torx T–25
149	27882	2	Valve Spring Cap
150	27881	2	Valve Spring
151	32581	2	Valve Spring Keeper
*169	27896A	2PK	Valve Cover Gasket
170	28423	1	Breather Body
171	28424	1	Breather Element
172	28425	1	Valve Cover
173	35350	1	Breather Tube
174	650128	2	Screw
182	650517	2	Screw
183	32398	1	Choke Bracket
* 184	31688A	1PK	Carburetor To Intake Pipe Gasket
186	34661	1	Governor Link
200	34677	1	Control Bracket (Incl. Ref. #203, 204, & 206)
203	31342	1	Compression Spring
204	651029	1	Screw

Note: Order individual parts from your local Tecumseh dealer.
*Included in Gasket Set Ref. #400.

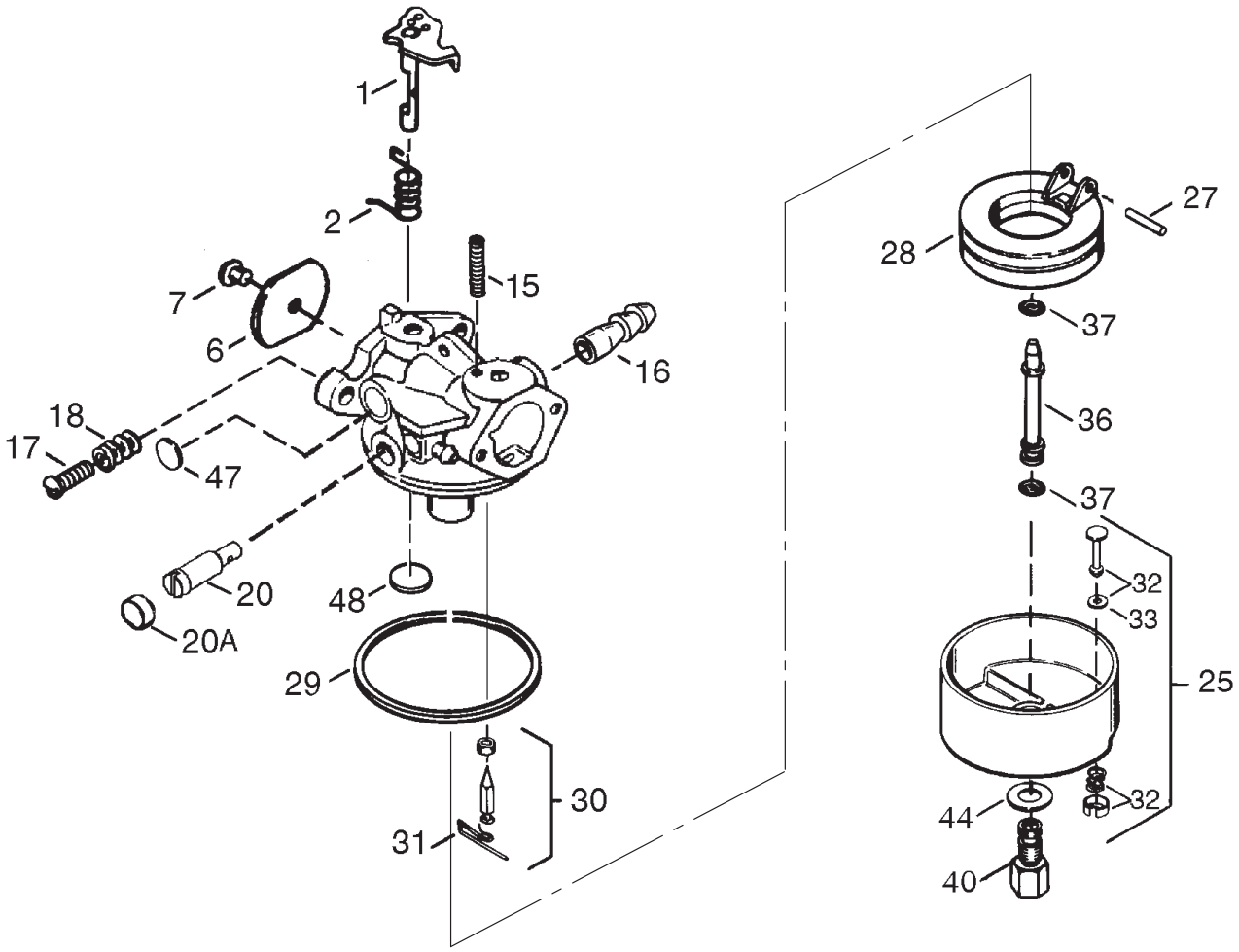
Engine Tecumseh Model HSK70–130302U



Engine Tecumseh Model HSK70–130302U (Continued)

Ref. No.	Part No.	Qty.	Description
206	610973	1	Terminal
207	34662	1	Throttle Link
209	650821	2	Screw
215	35440	1	Control Knob
220	35439	1	Control Knob
222	28820	2	Screw
*224	27915A	1PK	Intake Pipe Gasket
260	36254	1	Blower Housing
262	29747B	2	Screw, Torx T–40
264A	30196	1	Screw
265	30939A	1	Cylinder Head Cover
269	35865	1	Exhaust Gasket
272	30196	2	Screw
273	34712	1	Carburetor Flange
275	32401	1	Muffler
277	650694A	1	Screw
279B	26073	1	Washer
281	33013	1	Starter Bubble Cover
282	650760	1	Screw
285	35287A	1	Starter Cup
287	650926	3	Screw
290	29774	1	Fuel Line
291	30962	1	Fule Line
292	26460	4	Fuel Line Clamp
295	35857	1	Fuel Shut–Off Valve
298	650665	2	Screw
299	650764	1	”U” Type Nut
300	34186A	1	Fuel Tank (Incl. Ref. #292 & 301)
301	36246	1	Fuel Cap
305	35554	1	Oil Fill Tube
307	35499	1	”O” Ring
308	35540	1	Fill Tube Clip
310	36205	1	Dipstick
325	29443	1	Wire Clip
329	610973	1	Terminal
334	650257	2	Screw
335	35060	1	Carburetor Cover
336	650765	1	Screw
338	650760	1	Screw
340	34159	1	Fuel Tank Bracket
341	34158	1	Fuel Tank Bracket
342	650561	1	Screw
343	35079	1	Key Switch Bracket
350	570682A	1	Primer Ass’y
351	32180C	1	Primer Line
355	590574	1	Starter Handle
370C	36501	1	Primer Decal
370G	35063	1	Instruction Decal
370H	34418	1	Choke Decal
370K	36695	1	Starter Decal
370R	37119	1	Warning Decal
380	640082	1	Carburetor (Incl. Ref. #184)
390	590742	1	Rewind Starter
396	33328D	1	Electric Starter Motor (Optional)
400	364454	1	Gasket Set
420	730225	1	Sae 30 4–Cycle Engine Oil (Quart)
453	29538	1	Engine Mounting Base
454	650542	4	Screw

Note: Order individual parts from your local Tecumseh dealer.
*Included in Gasket Set Ref. #400.

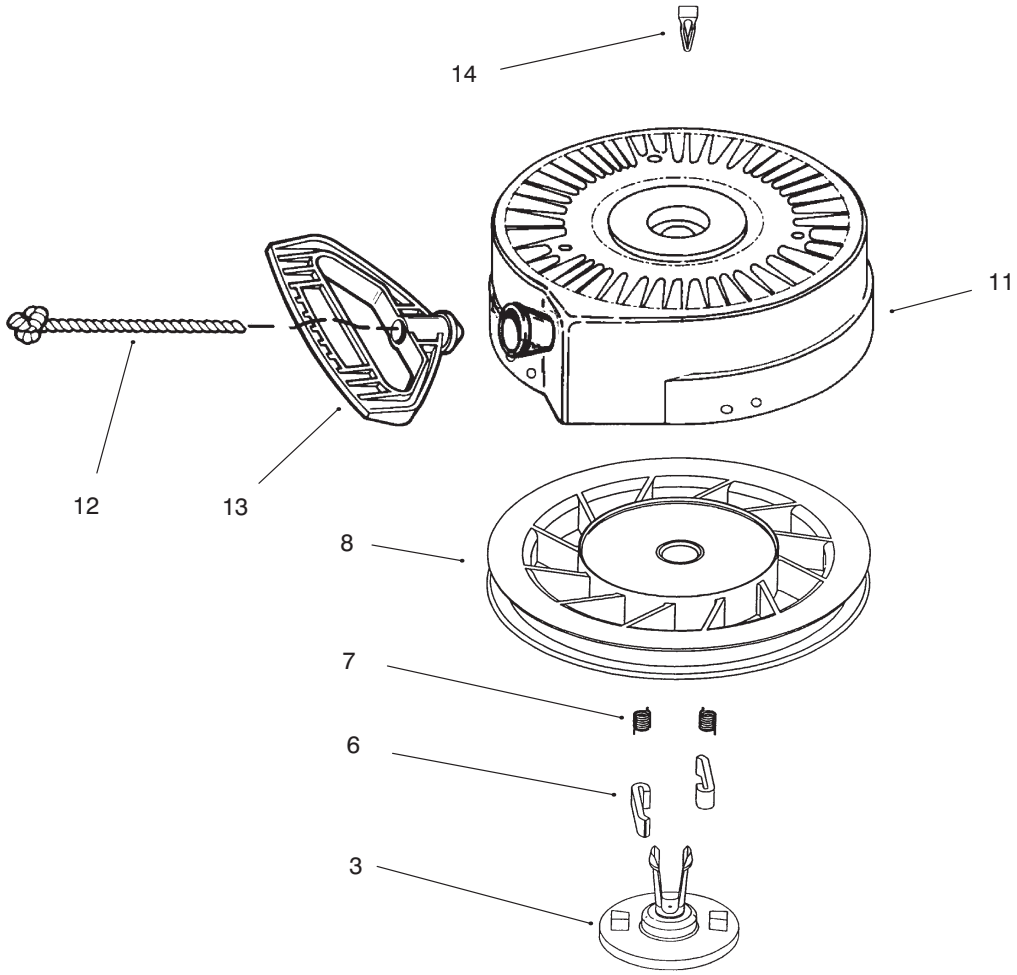


Carburetor No. 640082

Ref. No.	Part No.	Qty.	Description
1	31834	1	Shaft & Lever Assembly
2	631767	1	Spring – Throttle Return
6	640070	1	Shutter – Throttle
7	650506	2	Screw
15	630735	1	Spring – Choke Stop
16	632164	1	Fitting – Fuel Inlet
17	651025	1	Screw – Idle
18	630766	2	Spring – Idle Screw
20	640018	1	Screw – Idle Restrictor
20A	640053	1	Screw – Idle Restrictor Cap
25	631951	1	Bowl – Assembly (Incl. Ref. #32 & 33)
27	631024	1	Shaft – Float
28	632019	1	Float – Carburetor
29	631028	1	Gasket Bowl–to–Body
30	631021	1	Inlet Needle Seat & Clip (Incl. Ref. #31)
31	631022	1	Clip – Inlet Needle
32	27136A	1	Drain Assembly Bowl
33	27554	1	Gasket – Bow Drain
36	632735	1	Tube – Main Nozzle

Ref. No.	Part No.	Qty.	Description
37	632547	1	O–Ring – Main Nozzle Tube
40	640089	1	Nut – High Speed Bowl
44	27110	1	Washer – Bowl Nut
47	630748	1	Welch Plug Idle Mix Well
48	631027	1	Welch Plug Atmospheric Vent
*	640082	1	Carburetor (Incl. Ref. #1–48)

Note: Order individual parts from your local Tecumseh dealer.
* Not Illustrated

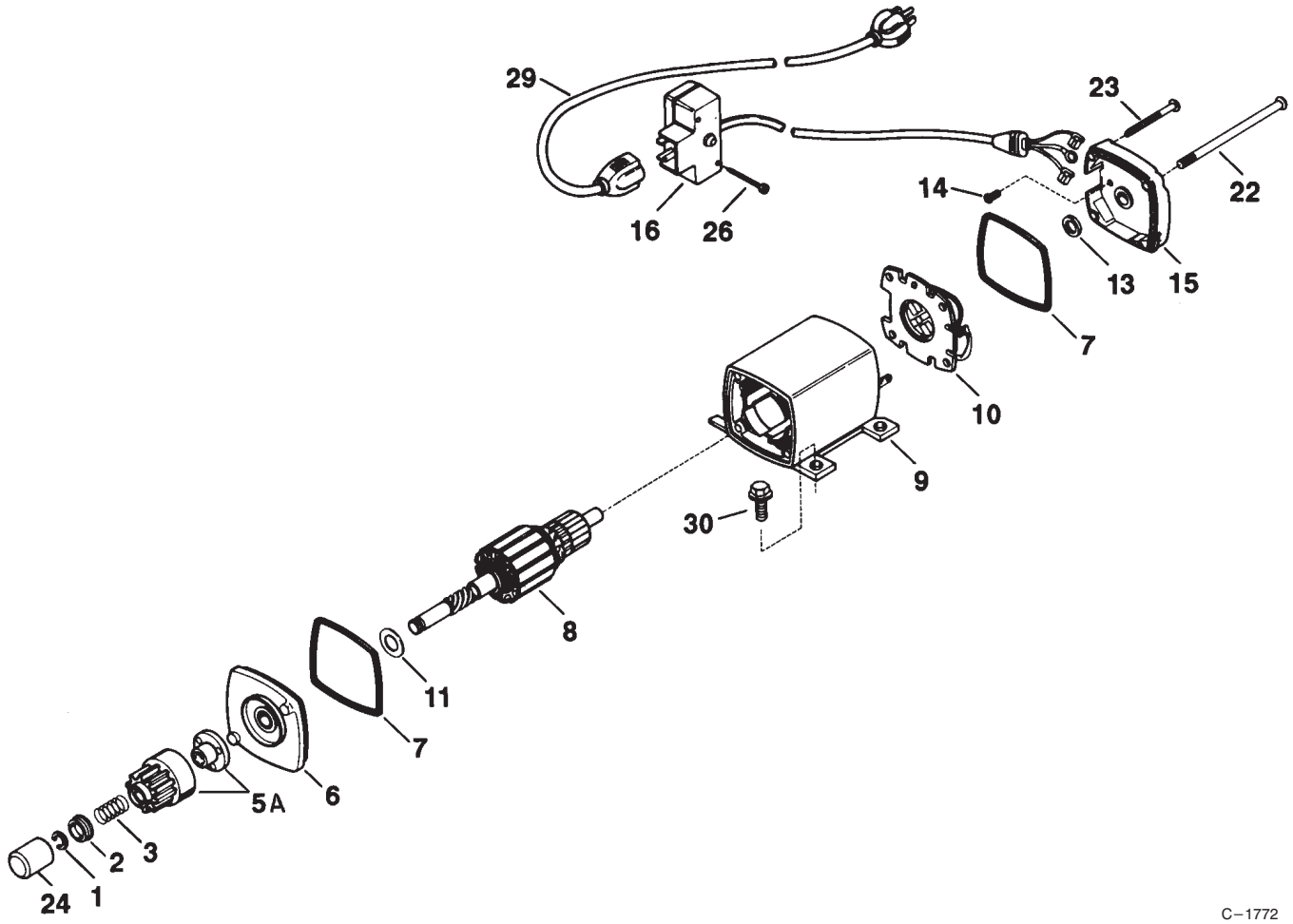


Recoil Starter No. 38–7590 (Optional)

Ref. No.	Part No.	Qty.	Description
3	590740	1	Retainer
6	590616	2	Starter Dog
7	590617	2	Dog Spring
8	590645A	1	Pulley & Rewind Spring Asm.
11	590647	1	Starter Housing Asm.
12	590535	1	Starter Rope
13	590574	1	Mitten Grip Handle
14	590741	1	Locking Tab

Ref. No.	Part No.	Qty.	Description

Note: Order individual parts from your local Tecumseh dealer.



C–1772

Electric Starter Kit No.

Ref. No.	Part No.	Qty.	Description
1	33842	1	Ring – Retainer
2	33430	1	Retainer – Spring
3	33431	1	Spring – Anti–Drift
5A	35913	1	Gear & Nut (Incl. Ref. #1)
6	35449	1	Cap Assembly– Drive End (Incl. Ref. #7)
7	35450	2	”O” Ring
8	35914	1	Armature
9	35457A	1	Housing Assembly
10	35452A	1	Card Assembly–Brush
11	35911	1	Washer – Thrust
13	590500	1	Washer – Thrust
14	33441	1	Screw – Ground
15	35453	1	Cap Assy., Commutator End (Incl. Ref. #7)
16	35454	1	Box Assembly – Switch (Incl. Ref. #26)
22	35458	2	Bolt – Case
23	35456	1	Screw – Grounding
24	33451	1	Cover – Dust
26	650819	2	Screw – Hex. Hd.
29	32450B	1	Cord – Extension, 10’ 6”

Ref. No.	Part No.	Qty.	Description
30	30063	4	Screw – Hex. Hd.
*	730623	1	Switch Repair Kit

Note: Order individual parts from your local Tecumseh dealer.
* Not Illustrated

Maintenance Record

Date								

Maintenance Record

Date								

Maintenance Record

Date								


TORO®