



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.

Contents

Description	Page	Description	Page
Chute and Auger Assembly	3	Linkage and Traction Assembly	9
24" Gear Case Assembly No. 37–6961	4	Engine Tecumseh Model HSK70–130302U	10
Traction Assembly	5	Carburetor No. 640082	14
Traction Assembly (Continued)	6	Recoil Starter No. 590742	15
Engine Assembly	7	Electric Starter Kit No. 38–7590 (Optional)	16
Handle Assembly	8		

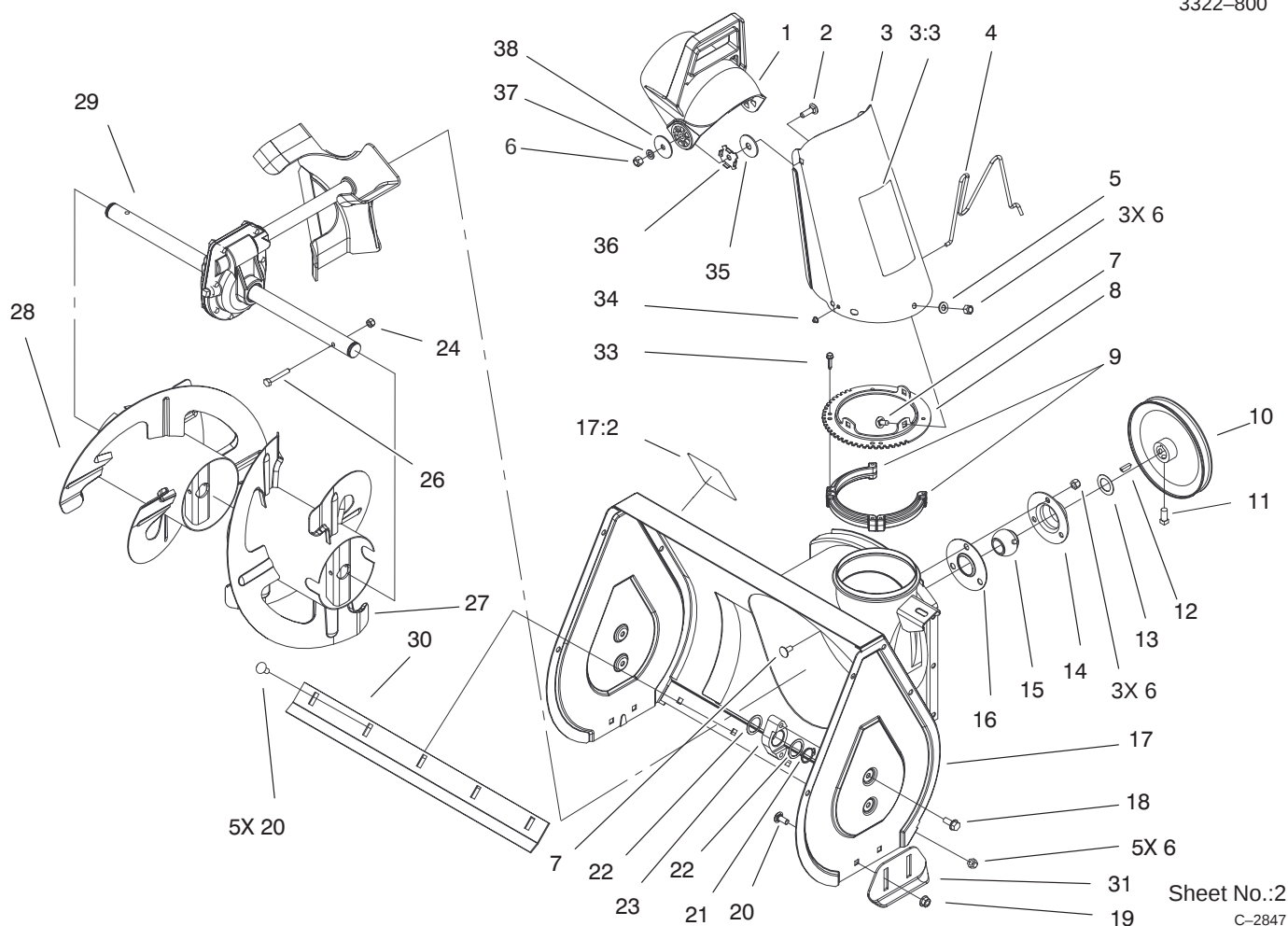
Accessories

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

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning	Abbreviation	Meaning
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
HLH	hex lag head	SQH	square head
HJ	hex jam	SHWH	slotted hex washer head
HOC	height-of-cut	SPH	slotted pan head
HS	hex socket	SRH	slotted round head
HSBH	hex socket button head	STD	standard
HSFH	hex socket flat head	TAP	self tapping
HSH	hex socket head	TTH	Torx truss head
HWH	hex washer head	WH	wing head
HWHTF	hex washer head thread forming		

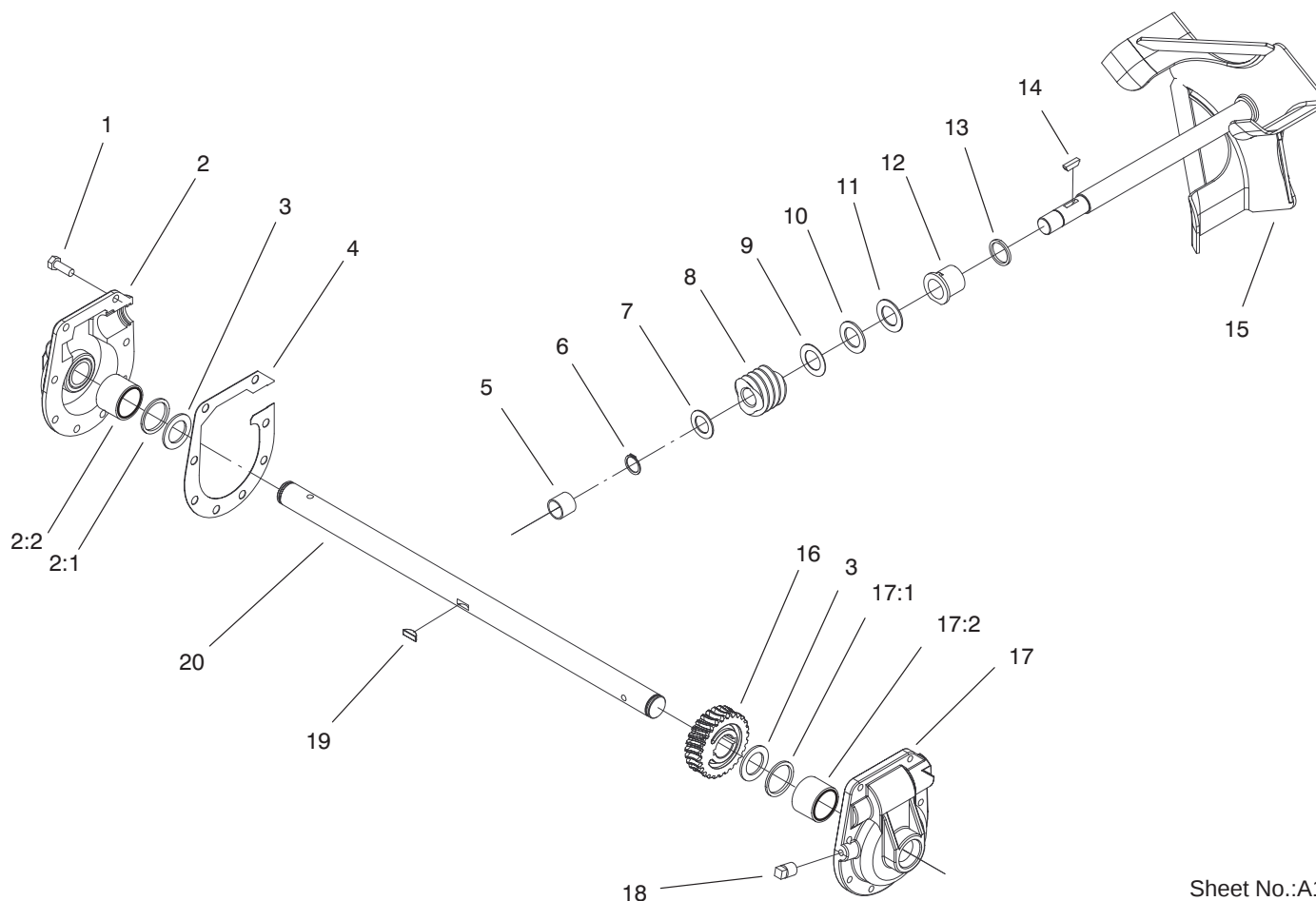


Sheet No.:2

C-2847

Chute and Auger Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	56-2680	1	Chute-Deflector	17	94-2785	1	Auger Housing ASM (only on: 38073)
2	3230-22	2	Screw-CARR	17:2	94-2568	1	Decal-Warning, Auger (only on: 38073)
3	94-2792	1	Chute ASM (only on: 38073)	17:2	53-7670	1	Decal-Warning, Auger (only on: 38072)
3	94-2793	1	Chute ASM (only on: 38072)	18	32144-70	4	Screw-HH
3:3	94-2558	1	Decal - Danger (only on: 38073)	19	32128-20	4	Nut-HF
3:3	94-8079	1	Decal-Danger (only on: 38072)	20	3230-1	9	Screw-CARR
4	56-2670	1	Wire-Chute	21	32151-36	2	Ring-Retaining
5	3256-23	3	Washer-Flat	22	5-1550	4	Washer
6	3296-29	13	Nut-Lock	23	37-6550	2	Bearing-Auger
7	3230-18	6	Screw-CARR	24	3296-42	2	Nut-Lock
8	37-8941-03	1	Ring-Chute	26	321-10	2	Screw-HH
9	37-6490	3	Ring-Chute, Retainer	27	74-1590-03	1	Auger, LH
10	37-6890	1	Pulley	28	74-1600-03	1	Auger, RH
11	3242-4	2	Screw-SQH Set	29	37-6961	1	24" Gear Case ASM
12	3257-23	1	Key-Woodruff	30	100-3555-01	1	Blade-Scraper
13	3-0737	1	Washer	31	40-8160-01	2	Skid
14	26-6110	1	Flange-Cup, Bearing	33	27-0220	6	Screw-Special
15	63-3450	1	Bearing-Ball	34	3290-326	1	Nut-Push
16	26-6120	1	Flange-Cup, Bearing	35	20-4320	2	Washer-Rubber
17	94-2786	1	Auger Housing ASM (only on: 38072)	36	55-8950	2	Plate-Friction
				37	3290-456	2	Washer-Belleville
				38	3256-68	2	Washer-Flat

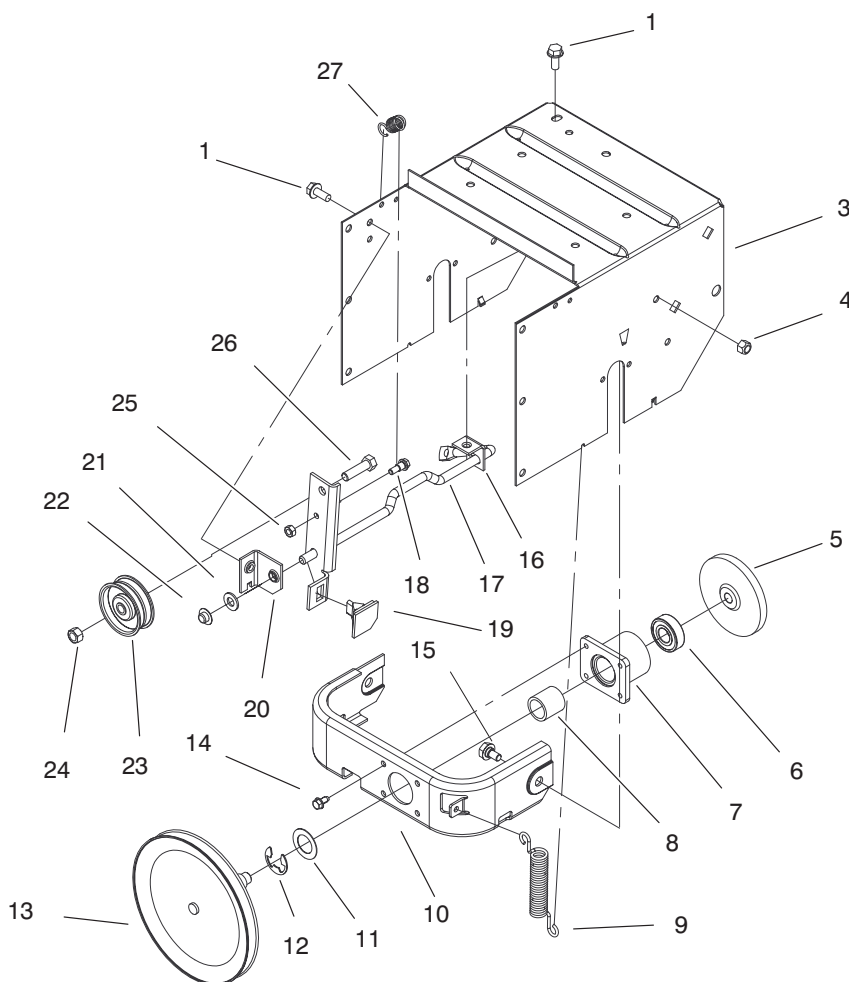


Sheet No.:A1
C-2852

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

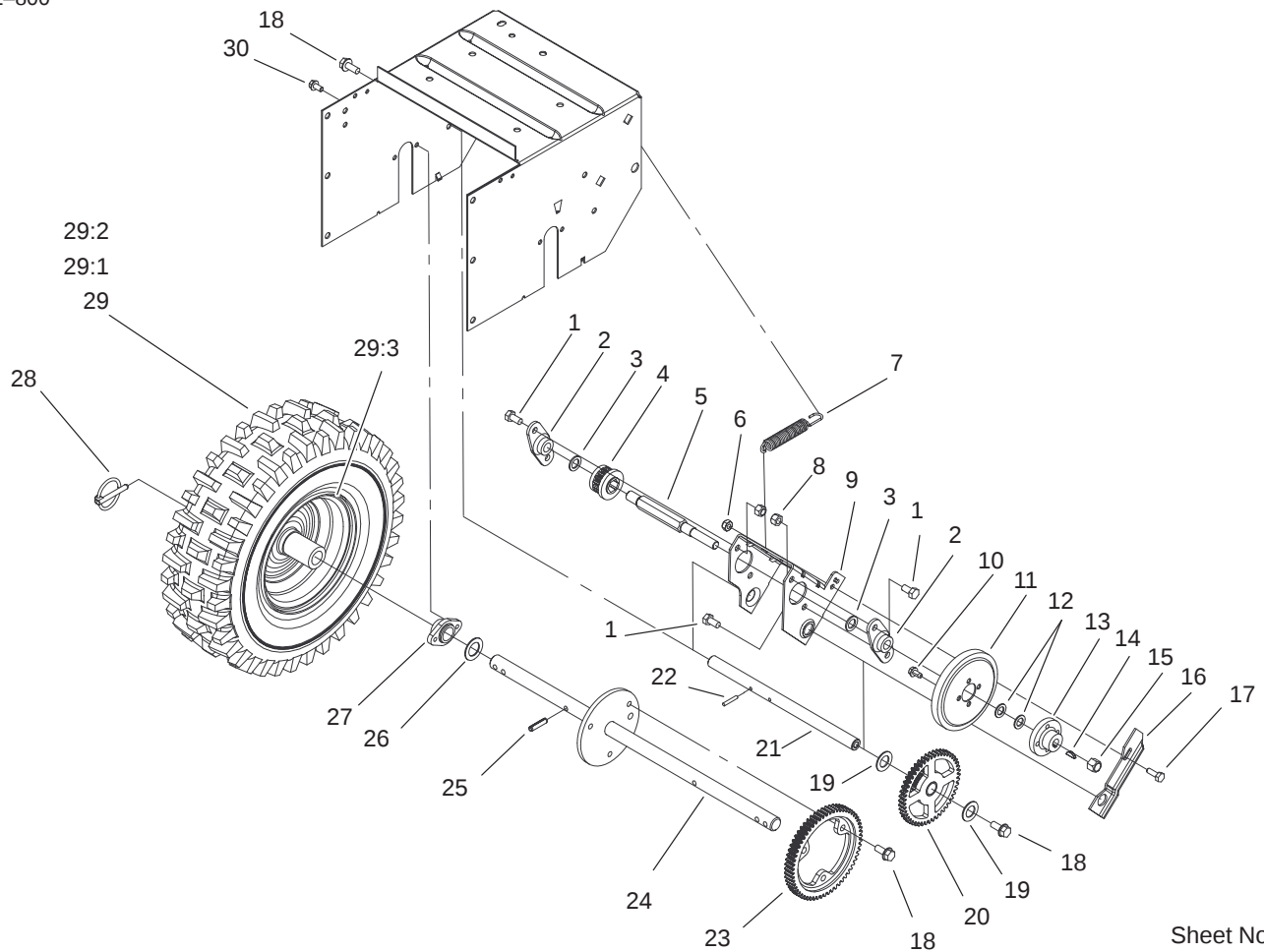
Ref. No.	Part No.	Qty.	Description



Sheet No.:3

Traction Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	32144-70	2	Screw-HH	26	323-29	1	Screw-HH
3	37-8900-01	1	Frame-Traction	27	53-7570	1	Spring
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				

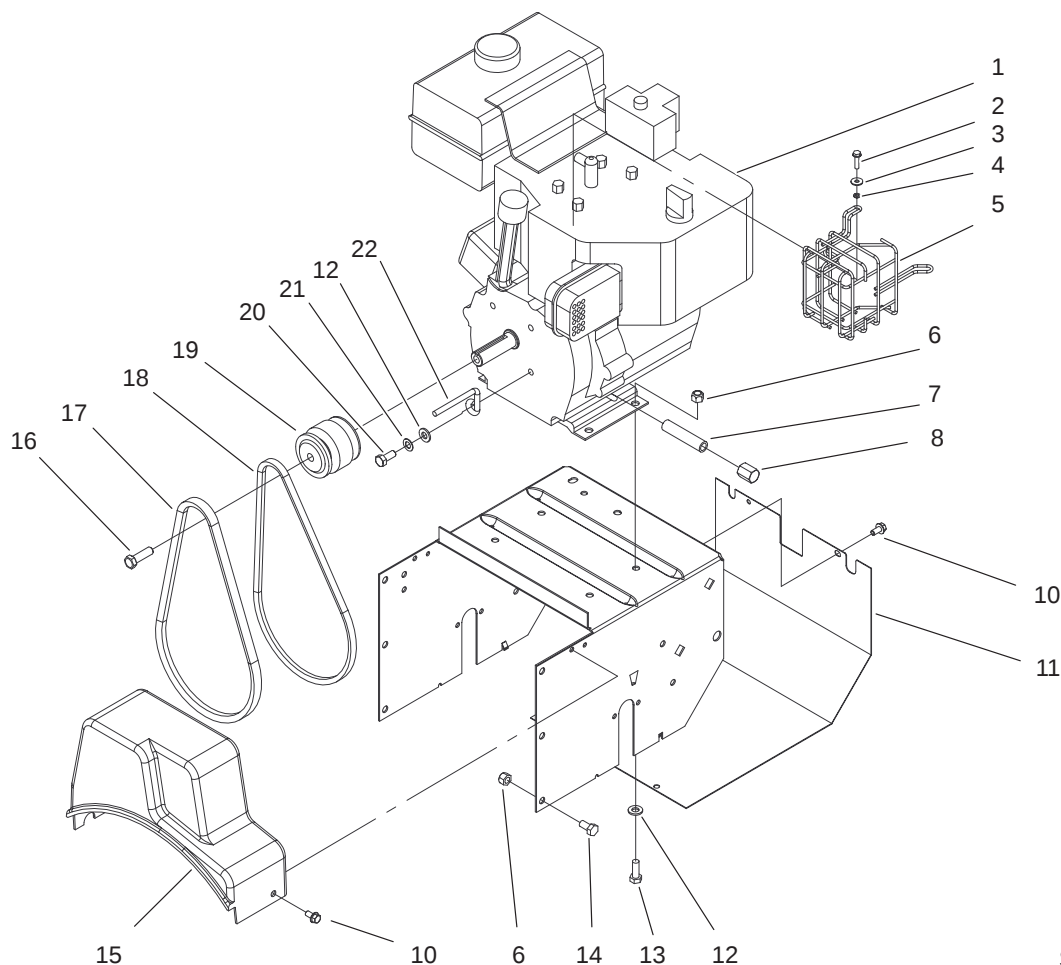


Sheet No.:4

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

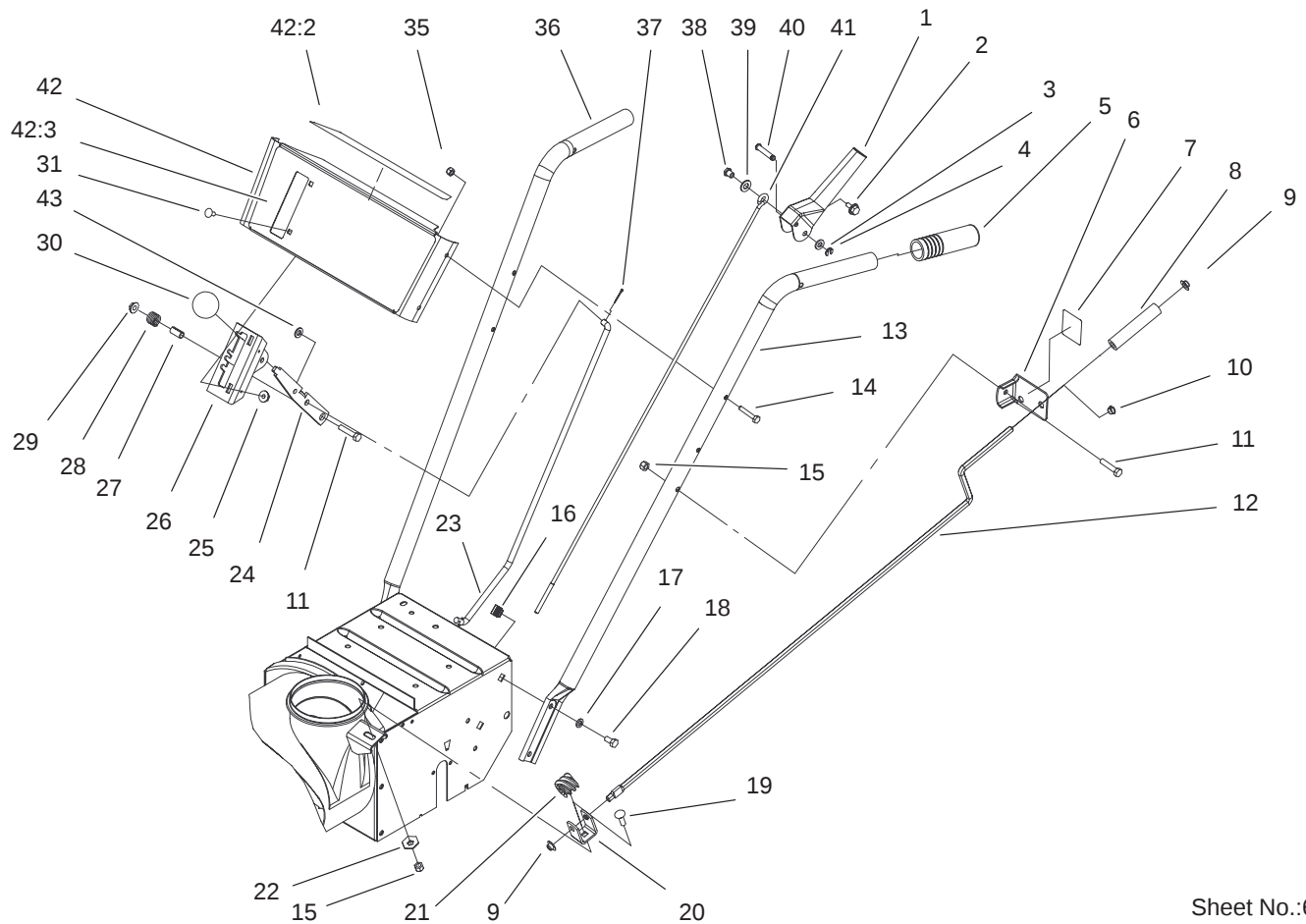


Sheet No.: 5

Engine Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
‡1		1	Engine-7hp, Tecumseh Hsk70-130302u	21	3255-8	1	Washer-Lock/Ext
2	93-8048	3	Screw (only on: 38073)	22	37-8990	1	Retainer-Belt
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				

‡ Obtain locally.

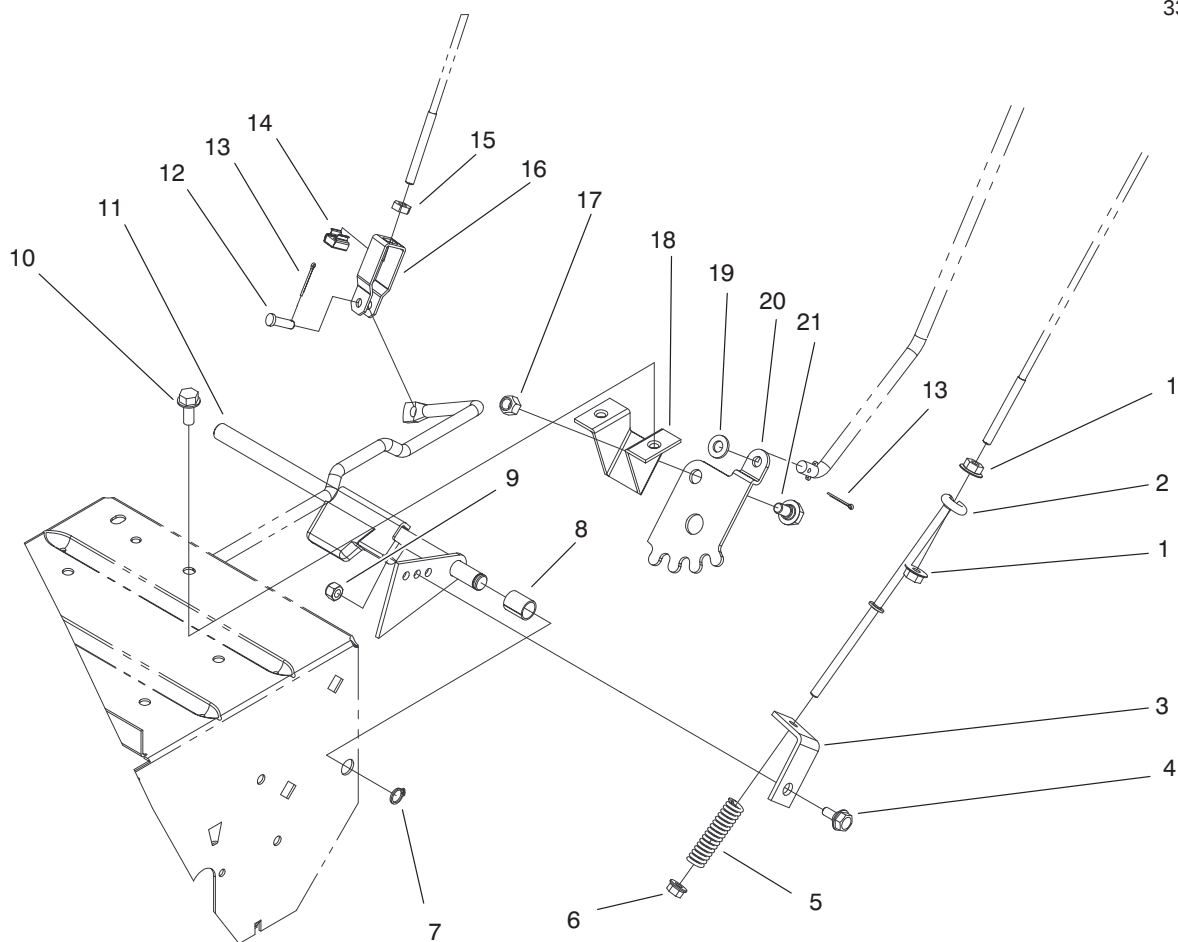


Sheet No.:6

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-Escutcheon 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

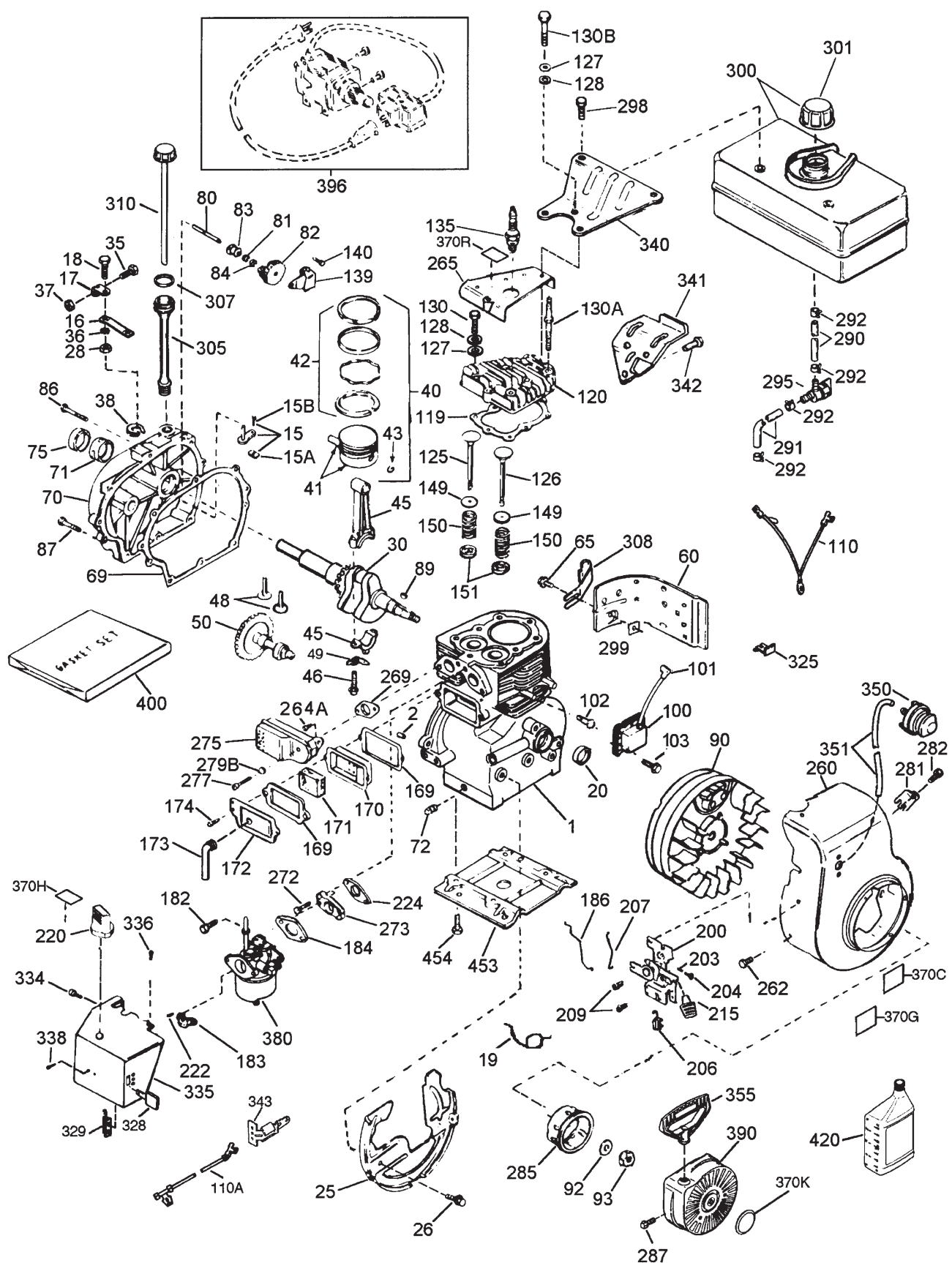
Engine Tecumseh Model HSK70-130302U

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	32586C	1	Cylinder (Incl. Ref. #2,20 & 72)	81	30590A	1	Washer
2	27652	2	Dowel Pin	82	30591	1	Governor Gear Ass'y
15	30699C	1	Governor Rod (Incl. Ref. #15A & 15B)	83	30588A	1	Governor Spool
15A	30700	1	Governor Yoke	84	29193	1	Retaining Ring
15B	650494	1	Screw	86	650488	7	Screw
16	33454	1	Governor Lever	87	650493	1	Screw
17	29916	1	Governor Lever Clamp	90	611085	1	Flywheel
18	651028	1	Screw	92	650815	1	Belleville Washer
19	34663	1	Speed Control Spring	93	8116	1	Flywheel Nut
20	32630	1	Oil Seal	100	34443B	1	Solid State Ignition
25	36460	1	Blower Housing Baffle	101	610118	1	Spark Plug Cover
26	650561	2	Screw	102	651024	2	Solid State Mounting Stud
28	30322	1	Lock Nut	103	651007	2	Screw, Torx T-15
30	35272	1	Crankshaft	110	35253	1	Ground Wire
35	29826	1	Screw	110A	37047	1	Ground Wire
36	29918	1	Lock Washer	*119	36453	1PK	Cylinder Head Gasket
37	29216	1	Lock Nut	120	36446	1	Cylinder Head (Incl. 3 of 131)
38	29642	1	Retaining Ring	125	27878A	1	Exhaust Valve (Std.) (Incl. Ref. #151)
40	34517	1	Piston, Pin & Ring Set (.010" OS)	125	27880A	1	Exhaust Valve (1/32" OS) (Incl. Ref. #151)
40	34518	1	Piston, Pin & Ring Set (.020" OS)	126	32784	1	Intake Valve (1/32" OS) (Incl. Ref. #151)
40	34519	1	Piston, Pin & Ring Set (Std.)	126	32783	1	Intake Valve (Std.) (Incl. Ref. #151)
41	32592B	1	Piston & Pin Ass'y (.010" OS) (Incl. Ref. #43)	127	650691	3	Washer
41	32593B	1	Piston & Pin Ass'y (.020" OS) (Incl. Ref. #43)	128	650690	3	Belleville Washer
41	32594B	1	Piston & Pin Ass'y (Std.) (Incl. Ref. #43)	130	650697A	2	Screw
42	34595	1	Ring Set (Std.)	130A	650697A	3	Screw
42	34596	1	Ring Set (.020" OS)	130B	650697A	3	Screw
42	34597	1	Ring Set (.010" OS)	135	35395	1	Resistor Spark Plug (RJ19LM)
43	27888	2	Piston Pin	139	31843A	1	Governor Gear Bracket
45	32591C	1	Connecting Rod Ass'y (Incl. Ref. #46 & 49)	140	650965	2	Screw, Torx T-25
46	650662C	2	Connecting Rod Bolt	149	27882	2	Valve Spring Cap
48	34034	2	Valve Lifter	150	27881	2	Valve Spring
49	34242	1	Oil Dipper	151	32581	2	Valve Spring Keeper
50	32115	1	Camshaft (MCR)	*169	27896A	2PK	Valve Cover Gasket
60	30622A	1	Blower Housing Extension	170	28423	1	Breather Body
65	650128	1	Screw	171	28424	1	Breather Element
69	30684	1PK	Cylinder Cover Gasket	172	28425	1	Valve Cover
* 70	31303C	1	Cylinder Cover (Incl. Ref. #71, 75, & 80)	173	35350	1	Breather Tube
71	31546	1	Crankshaft Bushing	174	650128	2	Screw
72	27642	2	Oil Drain Plug	182	650517	2	Screw
75	28427	1	Oil Seal	183	32398	1	Choke Bracket
80	31845	1	Governor Shaft	* 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

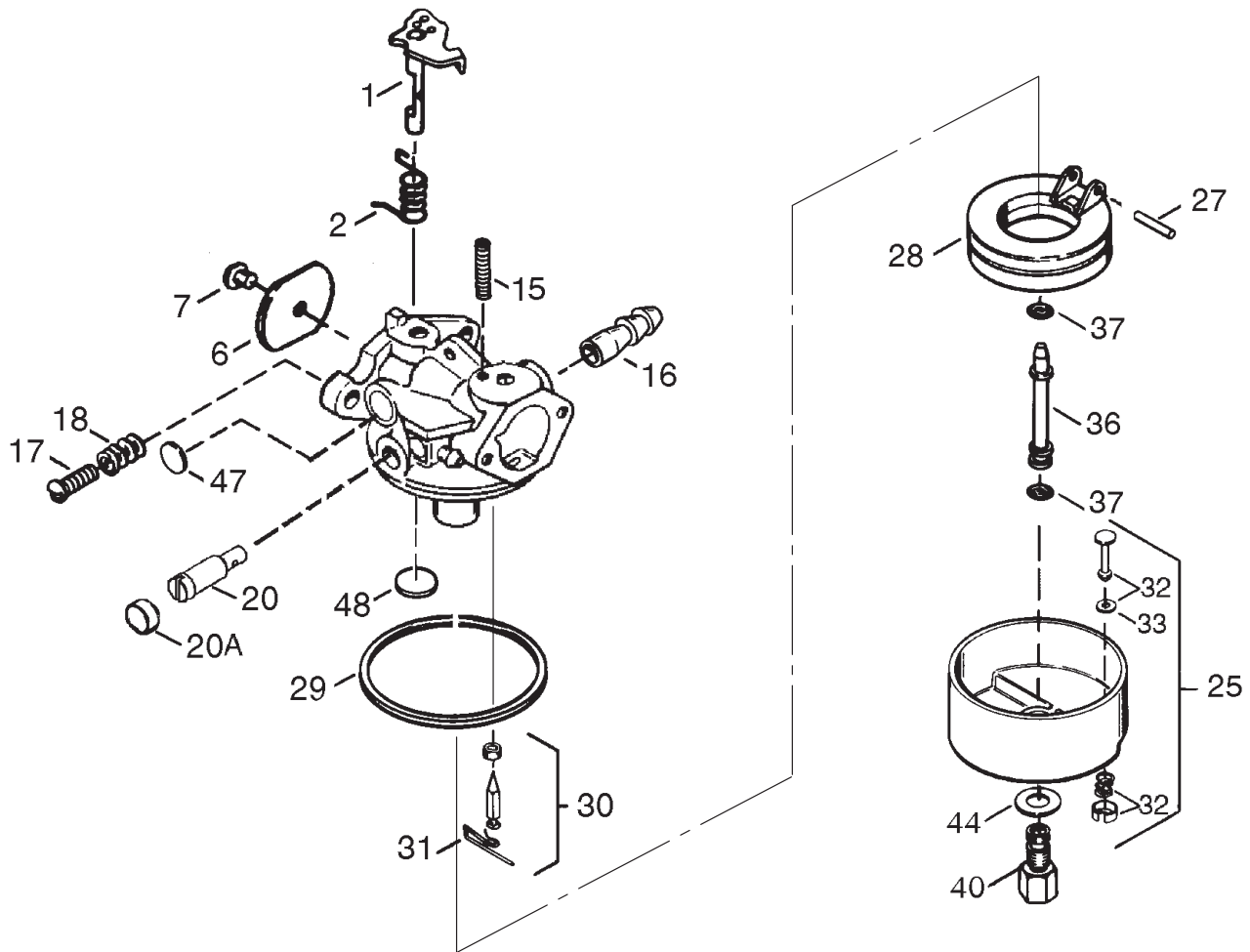


Engine Tecumseh Model HSK70-130302U (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
206	610973	1	Terminal	453	29538	1	Engine Mounting Base
207	34662	1	Throttle Link	454	650542	4	Screw
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)				

Note: Order individual parts from your local Tecumseh dealer.

*Included in Gasket Set Ref. #400.



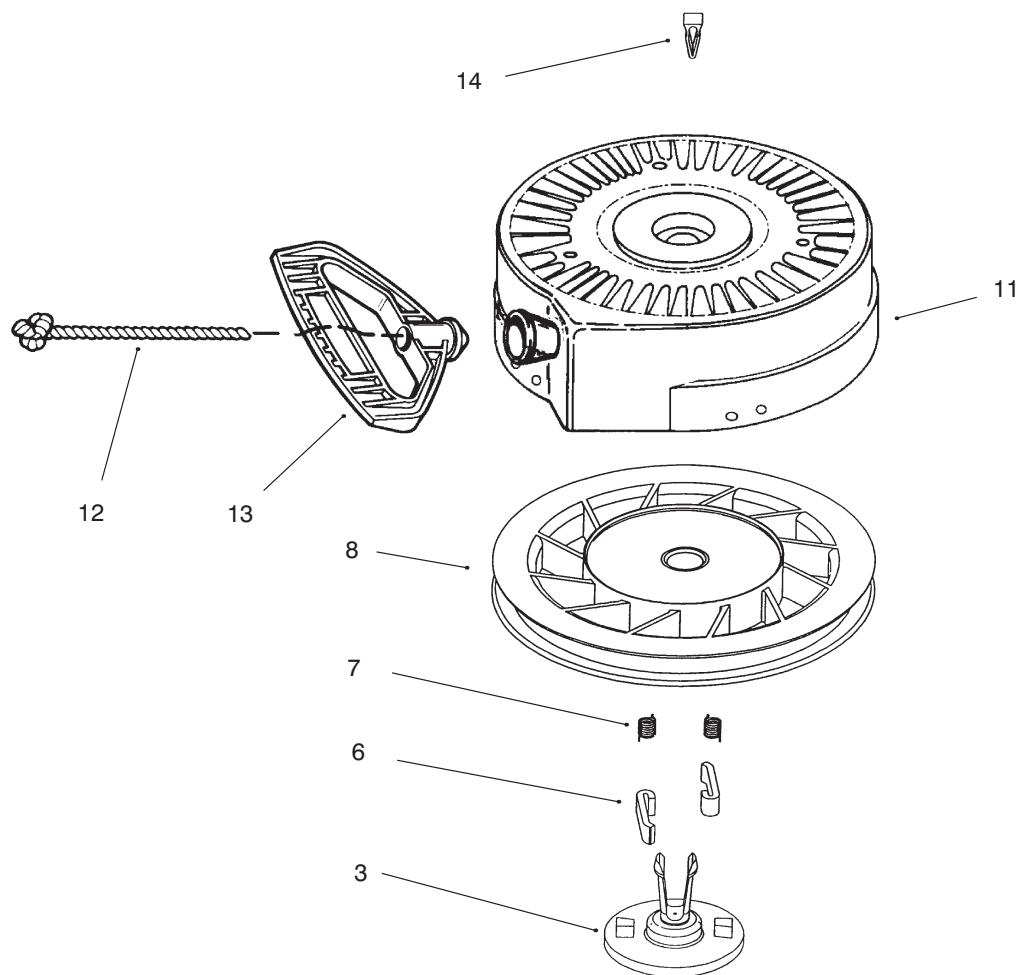
Carburetor No. 640082

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.

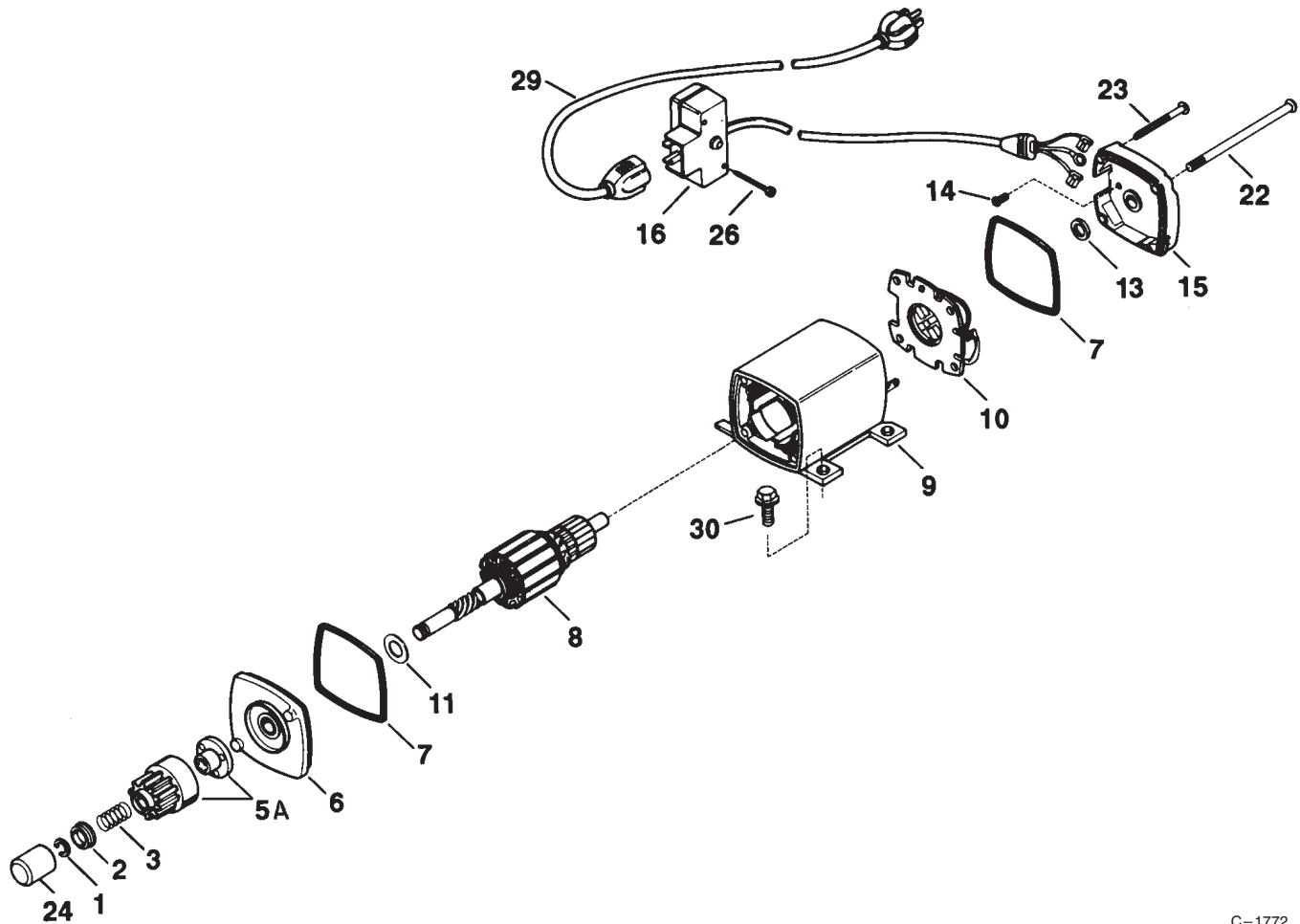
* Not Illustrated



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

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

[illegible]

