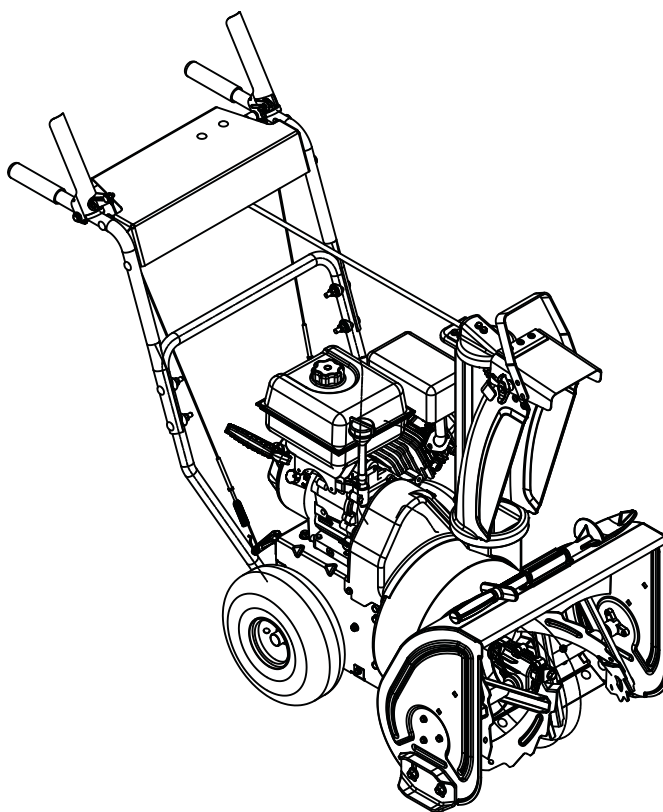

Sno-TekTM

By Ariens[®]

Parts Manual

Models

939401 - Sno-Tek 20



THE MANUAL

Before you operate your unit, carefully and completely read manuals supplied with the unit. The contents will provide you with an understanding of safety instructions and controls during normal operation and maintenance.

For your safety and the safety of others always read, understand, and follow all DANGER, WARNING, and CAUTION messages found in manuals and on safety decals.

Hardware descriptions are given in decimals.

Decimals to Fractions			
.063	1/16	.563	9/16
.125	1/8	.625	5/8
.188	3/16	.688	11/16
.250	1/4	.750	3/4
.313	5/16	.813	13/16
.375	3/8	.875	7/8
.438	7/16	.938	15/16
.500	1/2	1.00	1

SERVICE AND REPLACEMENT PARTS

When ordering replacement parts or making service inquiries, know the model and serial numbers of your unit and engine.

Numbers are located on the product registration card in the unit literature package. They are printed on a serial number label, located on the frame of your unit.

- Record unit model and derial numbers here:

- Record engine model and serial numbers here:

UNAUTHORIZED REPLACEMENT PARTS

Use only Ariens replacement parts. The replacement of any part on this vehicle with anything other than an Ariens authorized replacement part may adversely affect the performance, durability, or safety of this unit and may void the warranty. Ariens disclaims liability for any claims or damages, whether warranty, property damage, personal injury or death arising out of the use of unauthorized replacement parts.

PRODUCT REGISTRATION

The Ariens dealer must register the product at the time of purchase. Registering the product will help the company process warranty claims or contact you with the latest service information. All claims meeting requirements during the limited warranty period will be honored, whether or not the product registration card is returned. Keep a proof of purchase if you do not register your unit.

Customer Note: If dealer does not register your product, please fill out, sign and return the product registration card to Ariens or go to www.ariens.com.

YOUR SATISFACTION IS IMPORTANT

Questions? Please follow these helpful steps:

1. Refer to the manuals supplied with your unit.
They will guide you through safe and proper operation and maintenance.
They contain specifications on your unit.
If your questions are not answered in these manuals, go to step number two.
2. Contact your dealer.
Our dealers will be happy to supply any service or advice required to keep your unit operating at peak efficiency.
A factory trained staff is available to support your equipment needs. They stock genuine Ariens parts and lubricants manufactured with the same precision and skill as the original.
If your questions are not resolved by the support staff, ask for the manager or owner.
When contacting your dealer supply your model and serial numbers.

TO SPEED PARTS ORDERING:

1. Know the model and serial numbers of your unit.
2. Know the part number required.
3. Know the quantity required.
4. Know the part description.

MODELS

Model 939401 Sno-Tek 20
20" Sno-Tek
Serial No. 000101 and up

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DECALS - SNO-TEK™ 20

Model 939401



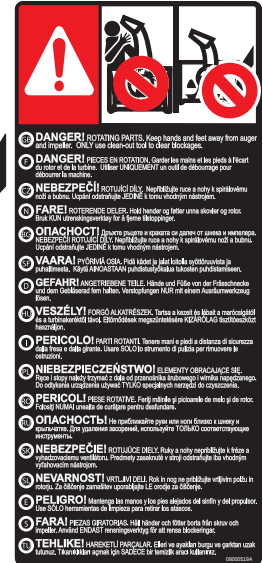
4



1



3



2



5

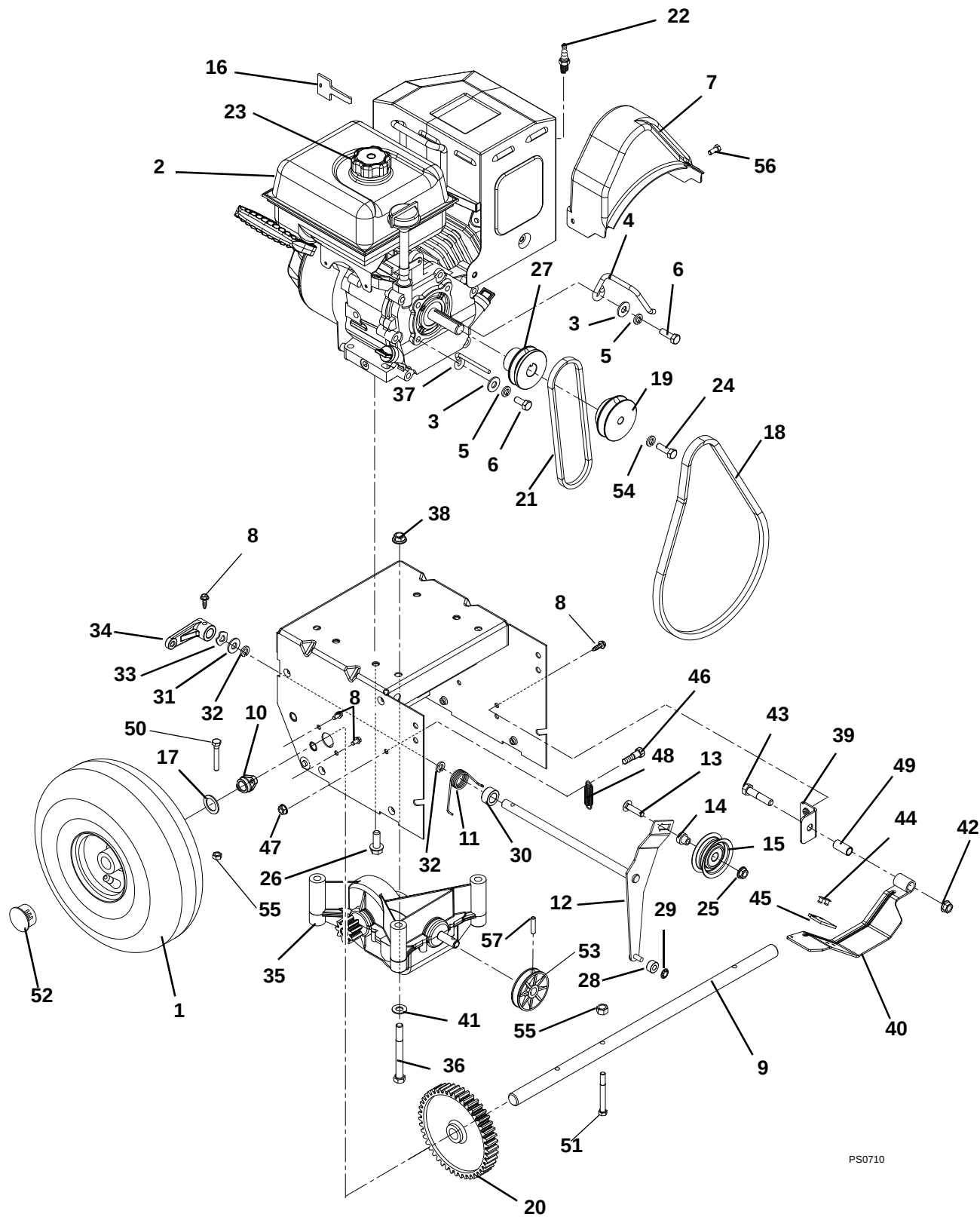
Item	Part No.	Qty.	Description
1	08000520	1	Decal, Danger
2	08000519	1	Decal, Danger - Rotating Parts
3	08000401	1	Decal, Front Panel, Sno-Tek™ Dash
4	08000020	1	Decal, Control Panel - Single Speed
5	08000508	1	Decal, Housing Sno-Tek 20

PS0322

NOTES

ENGINE AND BELT DRIVE

Model 939401



PS0710

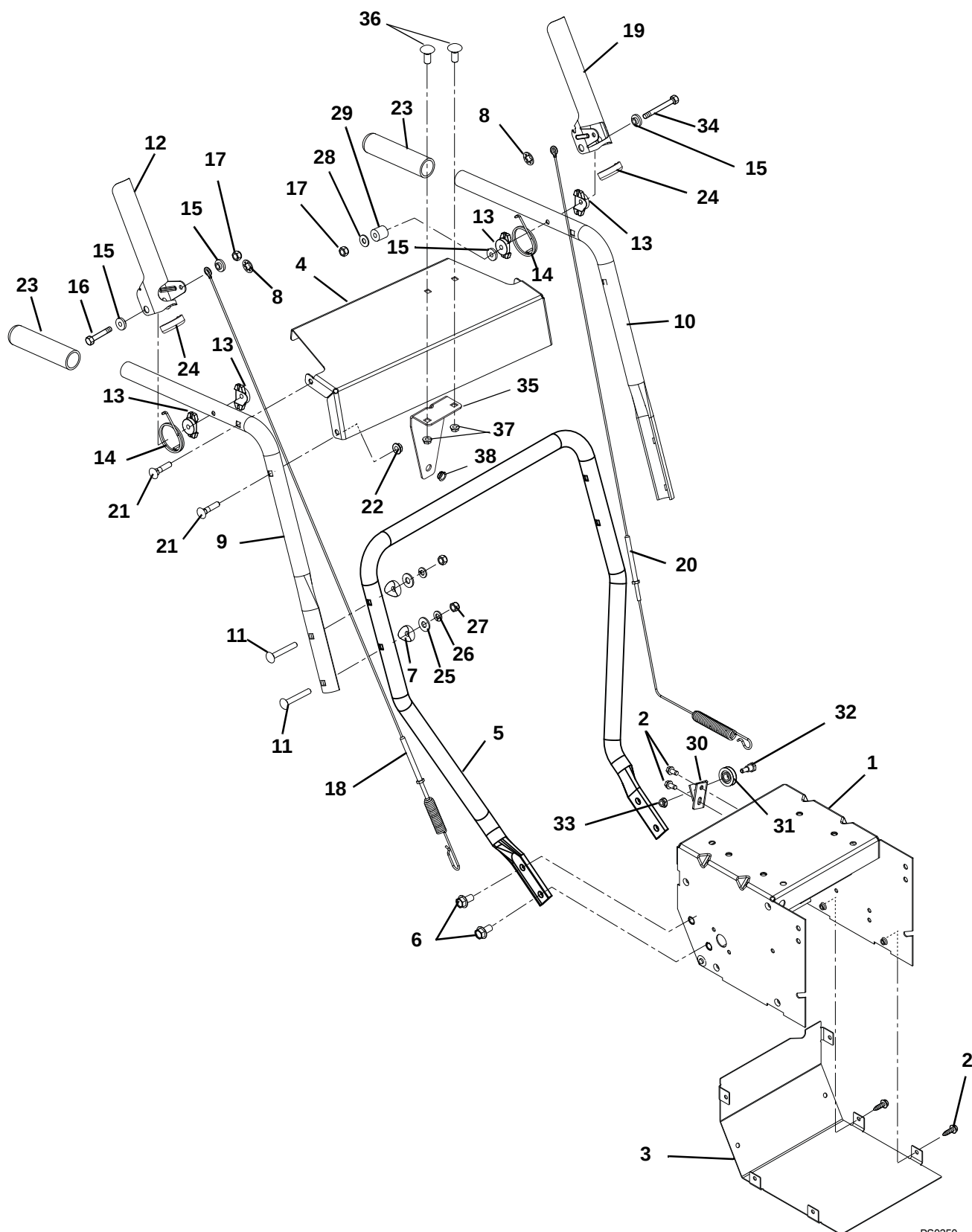
ENGINE AND BELT DRIVE

Model 939401

Item	Part No.	Qty.	Description
1	07100222	2	Tire/Wheel, 4.10-4
	07100724	2	Tire, 4.10-4
	07100732	AR	Tube, 4.10-4
2	08200507	1	Engine, LCT Storm Force 208
3	06435700	2	Washer, Flat Steel .38 x .88 x .083
4	00498300	1	Belt Finger
5	06307400	2	Washer, Locking .312 x .097
6	05947300	2	Bolt, Hex .31-24 x .75 Grade 5
7	00497200	1	Belt Cover
8	07400034	7	Screw, Tapping Hex Washer Head .25-20 x .50
9	04149800	1	Axle
10	05500101	2	Bushing, Axle, .75 x 1.12 x .65
11	08300015	1	Spring, Torsion
12	02000800	1	Attachment Idler Arm
13	06200008	1	Bolt, Round Head Short Square Neck .31-18 x 1.25 Grade 5
14	01213100	1	Bearing Spacer
15	01213200	1	Idler
16	07500111	AR	Key, Push/Pull LCT
17	06441400	2	Washer, Flat Steel .754 x 1.125 x .062
18	07200108	1	V Belt, 4L
19	03776900	1	Sheave, Engine
20	03268200	1	Gear, Axle
21	07200109	1	V-Belt, 3L
22	21547400	AR	Spark Plug, NGK BPR6ES
23	07500112	AR	Cap, Fuel
24	05960300	1	Bolt, Hex .38-24 x 1.00 Grade 5
25	06543100	1	Nut, Locking Top Flange .31-18
26	07400010	4	Screw, Tapping Hex Washer Head .38-16 x 1.0 w/Vibra-Tite
27	04098200	1	Sheave, Drive
28	05500820	1	Bushing, Sleeve
29	05717600	1	Ring, Retaining External .250 x .010
30	05500107	1	Bushing, Sleeve
31	06441100	1	Washer, Flat Steel .52 x .827 x .062
32	05500028	2	Bushing, Polyliner
33	06400005	1	Washer, Wave .50 x .75 x .015, .13 Free Height
34	01987100	1	Arm, Attachment Clutch
35	04164600	1	Transmission without Pulley
36	05960900	3	Bolt, Hex .38-16 x 3.50 Grade 5
37	02411000	1	Belt Finger
38	06534800	3	Nut, Locking Flange .375-16
39	00495251	1	Bracket, Brake Mount
40	00495300	1	Arm, Brake
41	06436200	3	Washer, Flat Steel .406 x .812 x .065
42	06542000	1	Nut, Locking Top Flange .38-16
43	05958500	1	Bolt, Hex .38-16 x 1.75 Grade 5
44	06800028	2	Rivet, Pop .187
45	00180500	1	Pad, Brake
46	05900030	1	Bolt, Shoulder .31 x .50 .25-20 x .438
47	06530100	1	Nut, Hex Serrated Flange .25-20
48	08300029	1	Spring, Extension
49	05500106	1	Bushing, Sleeve
50	05953000	2	Bolt, Hex .25-20 x 1.75 G8
51	05900034	1	Bolt, Hex .258-20 x 2.5 G8
52	07500024	2	Plug, Hole .75
53	04164800	1	Pulley, Composite 3L
54	06308800	1	Washer, Locking .38 x .094
55	06529700	3	Nut, Locking Center .25-20
56	07400104	2	Screw, Tapping Large Hex Washer Head .25-20 x .50
57	05800204	1	Pin, Roll 5mm x 26mm

HANDLEBARS AND CONTROLS

Model 939401



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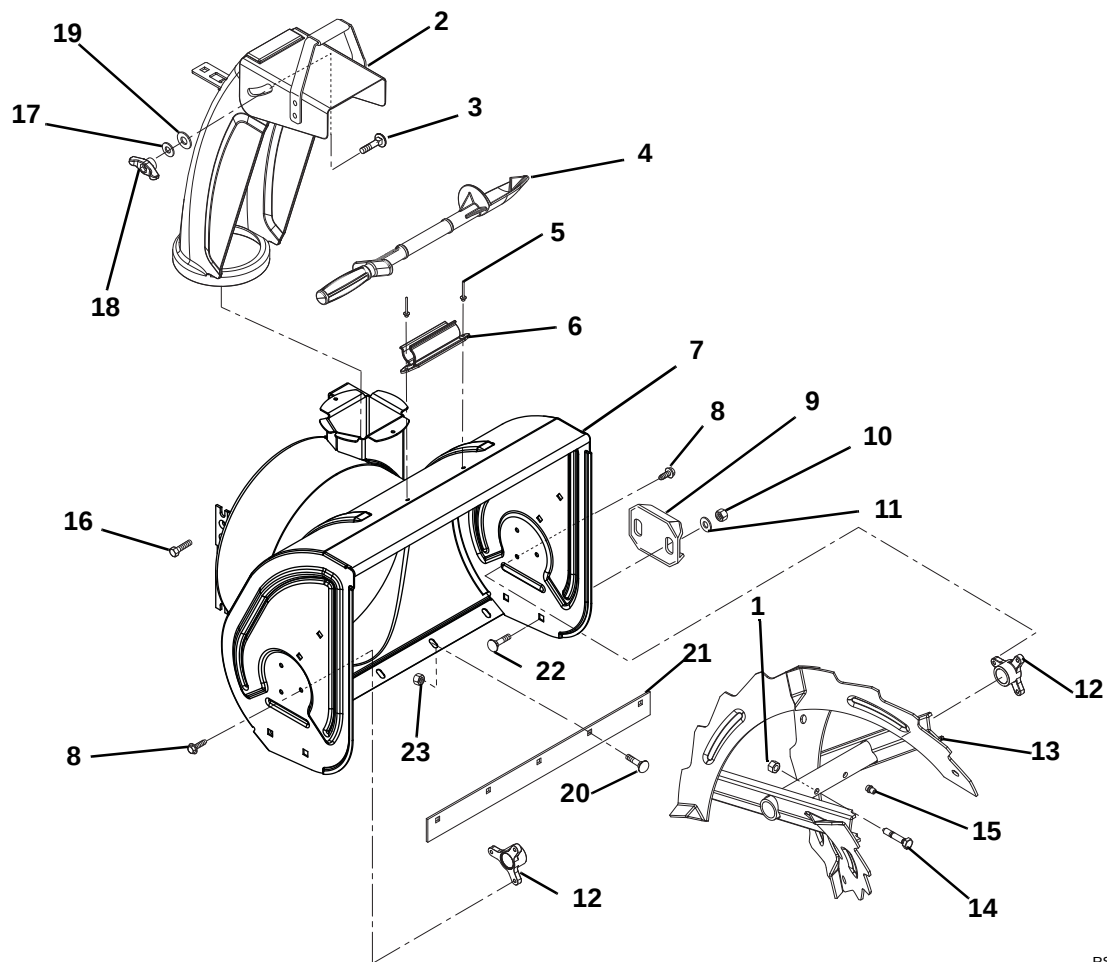
HANDLEBARS AND CONTROLS

Model 939401

Item	Part No.	Qty.	Description
1	00814151	1	Frame
2	07400034	8	Screw, Tapping Hex Washer Head .25-20 x .50
3	00490851	1	Cover, Bottom
4	53900400	1	Control Panel w/Decal
5	00596351	1	Handlebar, Lower
6	07028500	4	Bolt Serrated Flange Hex Washer Head .38-16 x .75 Grade 5
7	07500005	4	Spacer, Handlebar
8	05717600	2	Ring, External Retaining .25 x .010
9	00585951	1	Handlebar, Upper RH
10	00491051	1	Handlebar, Upper LH
11	06221600	4	Bolt, Round Head Square Neck .31-18 x 2.25
12	00398351	1	Paddle, Clutch - RH
13	05500040	4	Spacer, Handlebar
14	08300026	2	Spring, Torsion
15	00399300	4	Bushing, Flange
16	05961600	1	Bolt, Hex .25-20 x 2.50 Grade 5
17	06530900	2	Nut, Locking-Nylon .25-20
18	06900034	1	Cable, Auger
19	00398151	1	Paddle, Clutch - LH
20	06900325	1	Cable, Traction
21	06200009	4	Bolt, Round Head Extra Long Square Neck .31-18 x 1.50 Grade 5
22	06543100	4	Nut, Top Lock Flange .31-18
23	07518700	2	Handle Grip
24	07500103	2	Edging, Clutch Paddle
25	06435700	4	Washer, Flat-Steel .38 x .875 x .083
26	06308600	4	Washer, Locking .31 x .078 Regular
27	06530200	4	Nut, Locking-Nylon .312-18
28	06437300	1	Washer, Flat Steel .281 x .62 x .065
29	00589800	1	Bushing, Sleeve
30	00373051	1	Bracket, Cable Pulley
31	07300012	1	Pulley, Cable
32	07000021	1	Bolt, Shoulder .375 x .375 x .25-20
33	06543500	1	Nut, Locking Top Flange .25-20
34	05965300	1	Bolt, Hex .25-20 x 3.25
35	03917251	1	Mount, Chute Crank
36	06215700	2	Bolt, Round Head Square Neck .31-18 x .75 Grade 5
37	06543100	2	Nut, Top Lock Flange .31-18
38	05500020	1	Bushing, Polyliner

AUGER AND CHUTE

Model 939401



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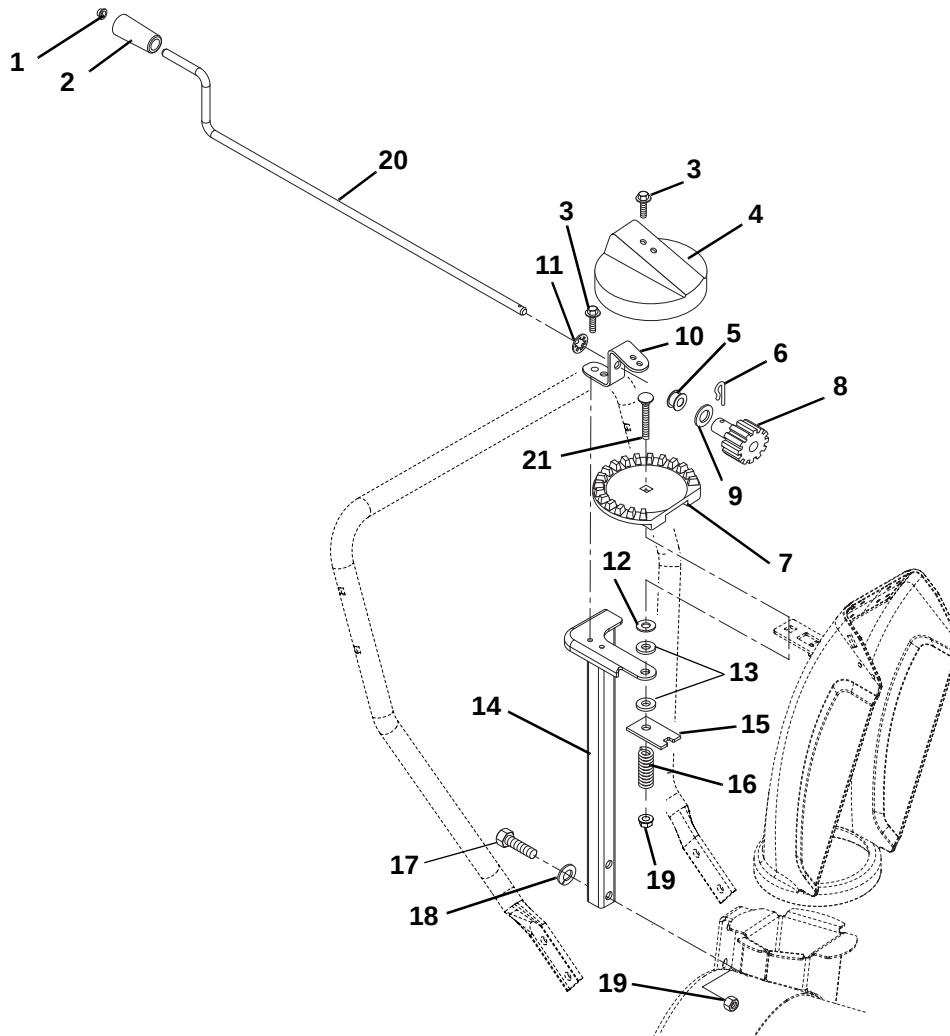
AUGER AND CHUTE

Model 939401

Item	Part No.	Qty.	Description
1	06529700	2	Nut, Locking Center .25-20
2	52000900	1	Chute, Discharge w/Cap and Decal
3	06200007	1	Bolt, Round Head Square Short Neck .31-18 x 1.00 Grade 5
4	00170200	1	Device, Snow Cleanout
5	06800028	2	Rivet, Pop .187
6	00170300	1	Mount, Snow Cleanout
7	53900800	1	Blower Housing w/Decal, 20"
8	07400034	6	Screw-Tapping Hex Washer Head .25-20 x .50
9	02483851	2	Skid Shoe, Reversible
10	06529600	4	Nut, Locking Center .38-16
11	06435700	4	Washer, Flat Steel .38 x .88 x .08
12	05500918	2	Bushing, Rake Shaft
13	53212300	1	Auger, Right Hand 20" with Zerk (Includes Item 15)
	53212400	1	Auger, Left Hand 20" with Zerk (Includes Item 15)
14	53200500	2	Shear Bolt with Nut (Includes Item 1)
15	07061300	2	Zerk, Fitting .25 x .125
16	07411500	6	Screw, Tapping Hex Washer Head .31-18 x .50
17	06437200	1	Washer, Flat Steel .34 x .69 x .065
18	07500105	1	Knob, Wing .31-18
19	06433600	1	Washer, Plastic .38 x .75 x .06
20	06200120	5	Bolt, Round Head Short Square Neck .31-18 x .62 Grade 5
21	00396651	1	Scraper Blade, 20"
22	06200004	4	Bolt, Round Head Square Short Neck .38-16 x .75
23	06543100	5	Nut, Top Lock Flange .31-18

DISCHARGE CHUTE CRANK

Model 939401



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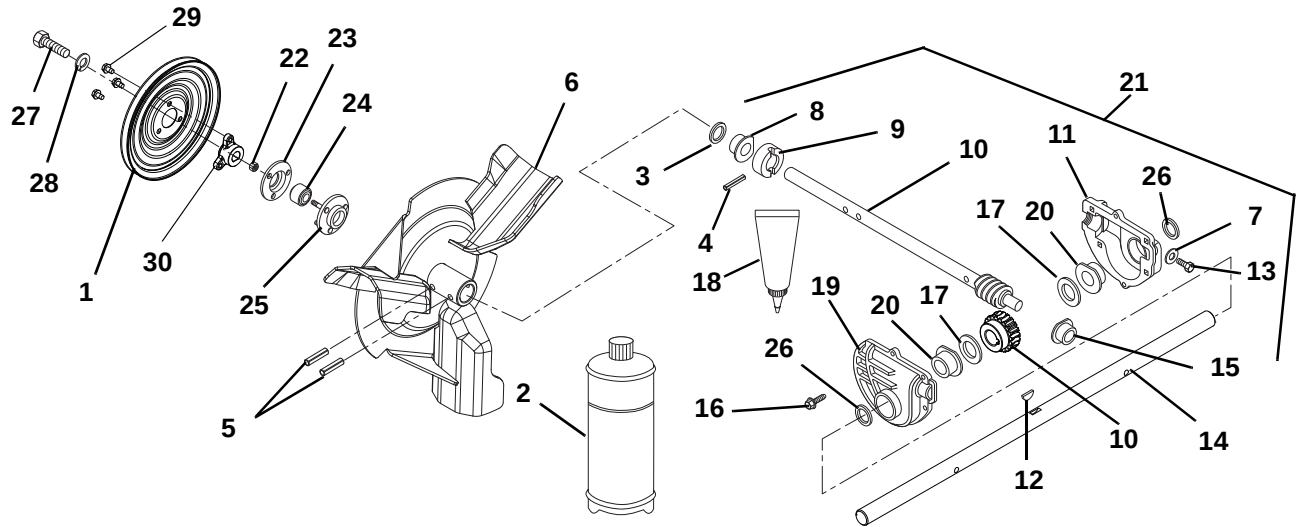
DISCHARGE CHUTE CRANK

Model 939401

Item	Part No.	Qty.	Description
1	01019800	1	Cap, .38 Rod
2	07500001	1	Knob, Chute Crank
3	07400034	4	Screw, Tapping Hex Washer Head .25-20 x .50
4	03223000	1	Cover, Gear
5	05500021	1	Bushing, Polyliner
6	06714500	1	Pin, Spring Clip
7	03222900	1	Gear, Chute
8	52000100	1	Bracket with Pinion Gear (Contains Items 5, 9, 10, 11)
9	06400009	1	Washer, Thrust .625 x 1.0 x .03
10	01972451	1	Bracket, Pinion Gear
11	03224300	1	Push Nut
12	06439300	1	Washer, Flat Steel .38 x 1.50 x .062
13	01123800	2	Friction Washer
14	03883751	1	Chute Pedestal
15	00398000	1	Friction Plate
16	08320900	1	Spring, Compression
17	05958500	2	Bolt, Hex .38-16 x 1.75
18	06308800	2	Washer, Lock .38 x .094
19	06542000	3	Nut, Locking Top Flange .38-16
20	03887100	1	Rod, Chute Crank
21	06224400	1	Bolt, Round Head Square Neck .38-16 x 2.50 Grade 5

GEAR CASE AND IMPELLER

Model 939401



PS0381

Item	Part No.	Qty.	Description
1	00268951	1	Pulley, 4L
2	00068800	1	Ariens 8 oz. Bottle of L3 Synthetic Lube (Gear Case Capacity = 2.5 oz.)
3	05600004	1	Seal, Oil
4	05804900	1	Pin, Groove .19 x 1.25 Type E Alloy
5	05803700	2	Pin, Roll .25 x 1.75
6	03835551	1	Impeller, 12" 3-Blade
7	06442500	1	Washer, Fiber .44 x .66 x .032
8	05511200	1	Bushing, Flange
9	00272100	1	Thrust Collar
10	53212500	1	Shaft & Worm Gear Set
11	00291100	1	Gear Case Casting, Machined Left Hand
12	06609300	1	Key, Woodruff .19 x .63 x .25 SAE 61 Hardened
13	07417000	1	Screw, Tapping Rolok .38-16 x .75
14	00260500	1	Shaft, Rake
15	05520600	1	Bushing, Flange
16	07412400	6	Screw, Tapping Hex Washer Head .25-20 x 1.00
17	06441500	2	Washer, Flat Steel .755 x 1.375 x .062
18	00031700	1	Loctite Gasket 518
19	00291200	1	Gear Case Casting, Machined Right Hand
20	05531100	2	Bushing, Flange
21	53212600	1	Gear Case Assembly (includes 3, 4, 7-20 and 26)
22	06529700	3	Nut, Locking Center .25-20
23	01014200	1	Bearing, Flange
24	05406300	1	Bearing, Ball
25	00428700	1	Bearing, Flange
26	05618900	2	Seal, Oil
27	05947300	1	Bolt, Hex .31-24 x .75 Grade 5
28	06307400	1	Washer, Locking .312 x .097 Heavy
29	07411500	3	Screw, Tapping Hex Washer Head .31-18 x .50
30	00268901	1	Pulley Hub

NOTES



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