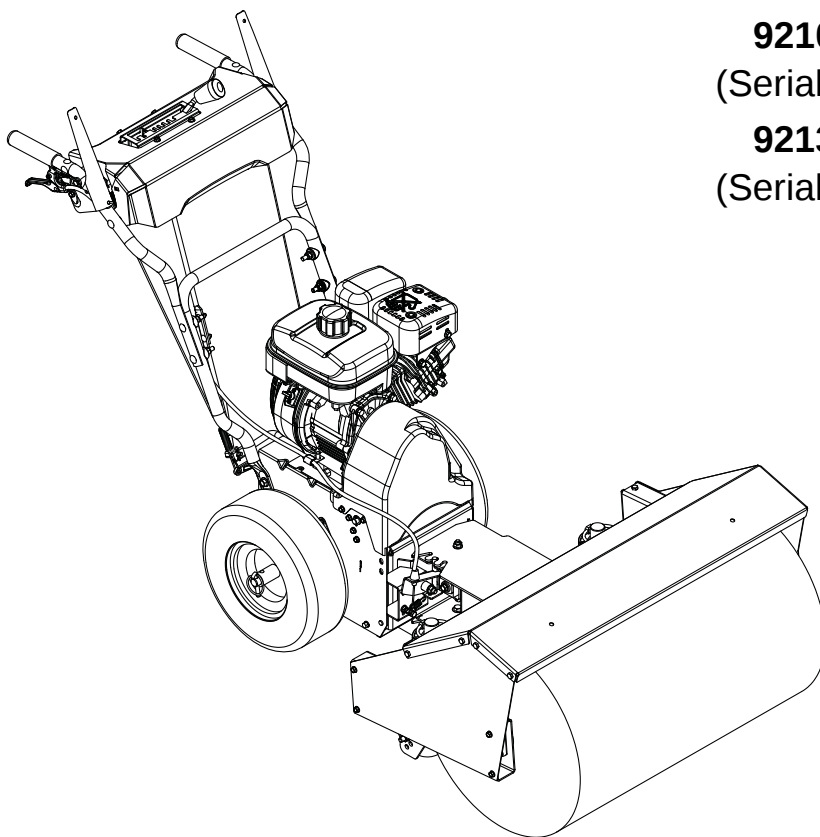




Power Brush 28

Parts Manual



Models

921025 – Power Brush 28
(Serial Number 040000 and up)

921313 – Power Brush 28
(Serial Number 040000 and up)

Gasoline containing up to 10% ethanol (E10) or up to 10% MTBE (methyl tertiary butyl ether) is acceptable for use in this machine. The use of any gasoline exceeding 10% ethanol (E10) or 10% MTBE will void the product warranty.

Il est possible d'utiliser de l'essence contenant jusqu'à 10% d'éthanol (E10) ou 10% de MTBE (éther méthyl-tertiobutylique) sur cette machine.

L'utilisation d'une essence contenant plus de 10% d'éthanol (E10) ou de 10% de MTBE annulent la garantie

En esta máquina puede utilizarse gasolina con hasta un 10% de etanol (E10) o hasta un 10% de MTBE (éter de metil butil terciario). El uso de cualquier otro tipo de gasolina con un porcentaje superior al 10% de etanol (E10) o al 10% de MTBE invalidará la garantía del producto.

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 Serial 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 921025
28" All-Season Power Brush
6 Hp Subaru EX17 Engine
Serial No. 040000 and up

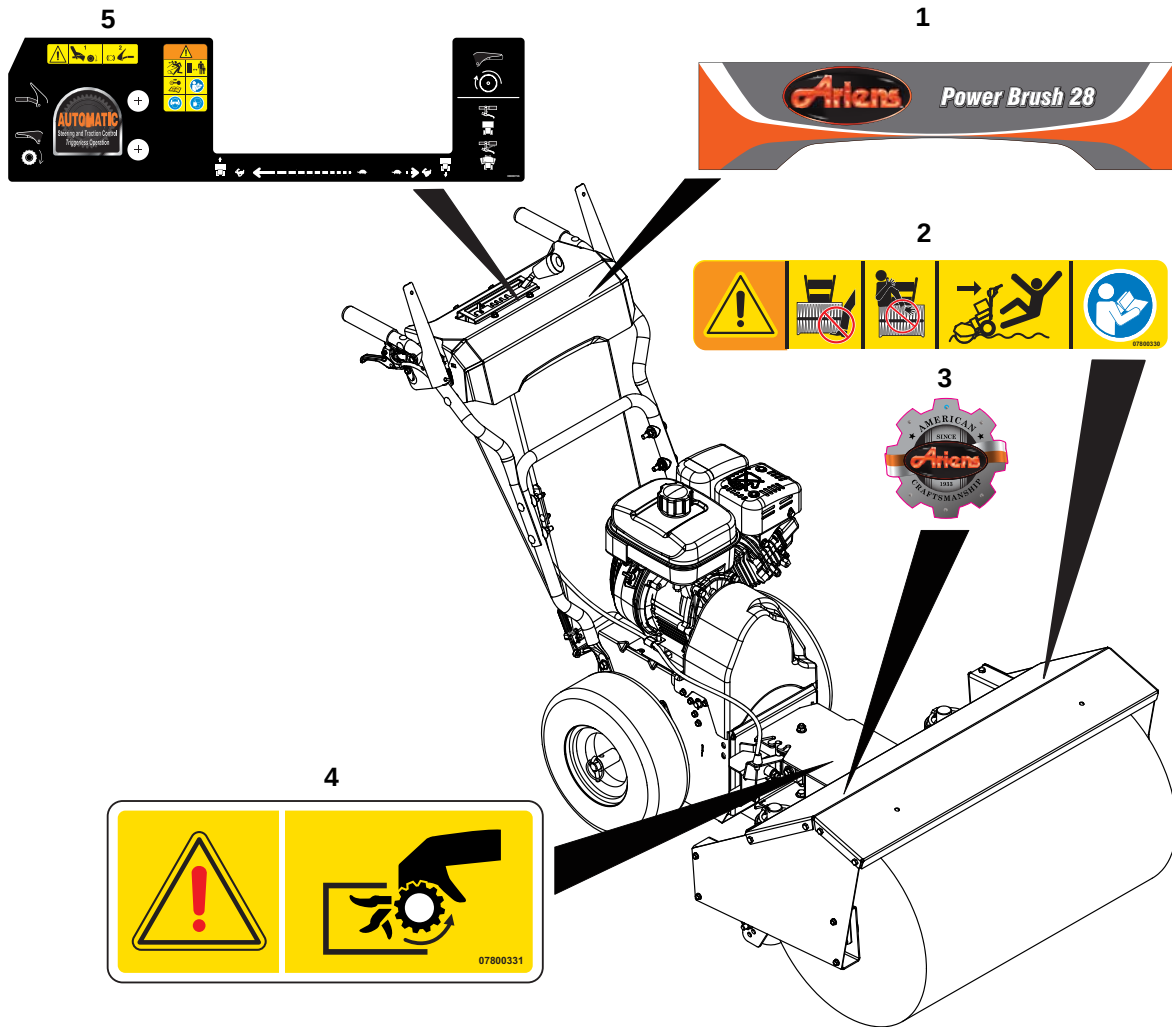
Model 921313
28" All-Season Power Brush – CE
6 Hp Subaru EX17 Engine
Serial No. 040000 and up

TABLE OF CONTENTS

DECALS	
Decals	4
ENGINE AND DRIVE	
Engine and Belt Drive	6
Friction Drive	8
Wheels and Axles	10
FRAME AND HOUSING	
Handlebars and Controls	12
Brush Head	14
Brush Drive Unit	16
Brush Frame	18

DECALS

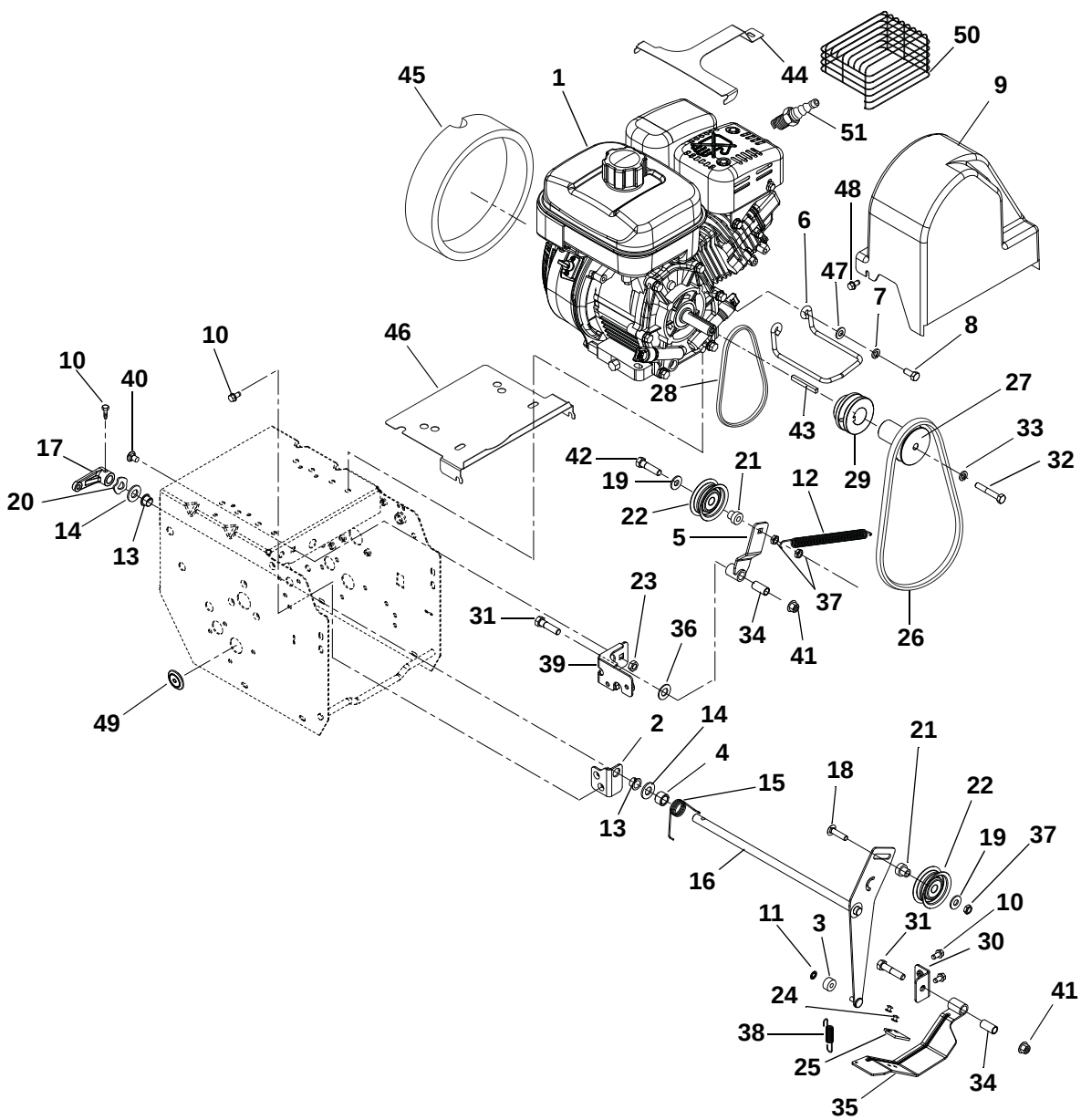
Model 921025, 313



Item	Part No.	Qty.	Description
1	08000733	1	Decal, Power Brush 28 - Ariens
2	07800330	1	Decal, Danger - Power Brush
3	08000513	1	Decal, Ariens Heritage
4	07800331	1	Decal, PTO Warning
5	08000736	1	Decal, Control

ENGINE AND BELT DRIVE

Model 921025, 313



ENGINE AND BELT DRIVE

Model 921025, 313

Item	Part No.	Qty.	Description
1	08200611	1	Engine, Subaru EX17 All Season 120V (921025)
	08200706	1	Engine, Subaru All Season Recoil (921313)
2	00495051	1	Bracket, Mount – Idler Arm
3	05500820	1	Bushing, Sleeve
4	05500107	1	Bushing, Sleeve
5	00493600	1	Traction Idler Arm
6	03731800	1	Belt Finger
7	06307400	2	Washer, Lock .31 x .097
8	05947300	2	Bolt, Hex .31-24 x .75
9	04209900	1	Belt Cover
10	07400034	5	Screw, Tapping Hex Washer Head Thread Rolling .25-20 x .50
11	05717600	1	Ring, Retaining, External .250 x .010
12	08300528	1	Spring
13	05500026	2	Bushing, Polyliner
14	06425300	2	Washer, Flat Steel .531 x 1.00 x .063
15	08300326	1	Spring
16	00495167	1	Attachment Idler Arm
17	01987100	1	Arm, Clutch, Attachment
18	06200124	1	Bolt, Round Head Square Short Neck .31-18 x 1.13
19	06435700	2	Washer, Flat Steel .38 x .875 x .083
20	06400005	1	Washer, Wave
21	01213100	2	Spacer
22	02457400	2	Idler
23	06543100	1	Nut, Locking, Top, Flange .31-18
24	06800028	2	Rivet, Pop .187 (Included with Item 35)
25	00180500	1	Brake Pad (Included with Item 35)
26	07238500	1	V-Belt, Attachment
27	04502900	1	Sheave, Attachment
28	07200111	1	V-Belt, Traction
29	00187900	1	Pulley, Traction
30	00495251	1	Bracket, Mount, Brake
31	05958500	2	Bolt, Hex .38-16 x 1.75
32	05901401	1	Bolt, Hex .31-24 x 1.75
33	06307400	1	Washer, Lock .31 x .097
34	05500106	2	Bushing, Sleeve
35	52000500	1	Brake Arm w/Pad (Includes Items 24 and 25)
36	06436200	1	Washer, Flat Steel .406 x .812 x .065
37	06500011	3	Nut, Locking Center Jam .31-18
38	08300104	1	Spring
39	00657059	1	Frame Bracket
40	06212200	1	Bolt, Round Head Square Short Neck .31-18 x .62
41	06542000	2	Nut, Locking Top Flange .38-16
42	05952400	1	Bolt, Hex .31-18 x 1.50
43	06606100	1	Key, Square .188 x .75 x .188
44	04258451	1	Guard, Snow (921025)
45	03972500	1	Foam Cover, Recoil
46	03880851	1	Baffle
47	06437200	2	Washer, Flat Steel .344 x .688 x .065
48	07400108	2	Screw, Tapping Captive .25-20 x .50
49	07500023	2	Plug, Hole
50	04042300	1	Muffler Guard (921313)
51	21530400	1	Spark Plug

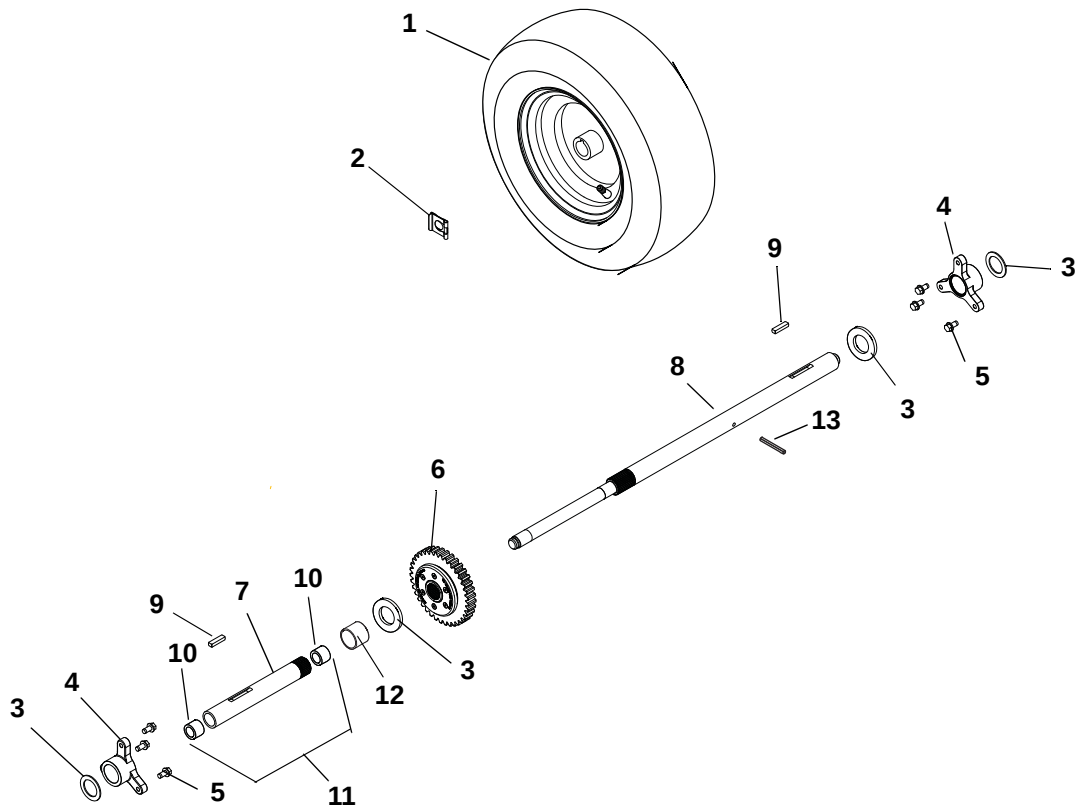
FRICTION DRIVE

Model 921025, 313

Item	Part No.	Qty.	Description
1	00494051	1	Shift Fork
2	05500028	1	Bushing, Polyliner
3	03374500	2	Support Bushing, Swing Gate
4	06944800	3	Clip, Spring
5	00383000	2	Flange, Bearing
6	07400034	9	Screw, Tapping Hex Washer Head Thread Rolling .25-20 x .50
7	04092600	1	Sprocket, Pinion
8	07500023	1	Plug, Hole
9	00373051	1	Bracket, Cable Pulley
10	06439200	2	Washer, Flat Steel .505 x 1.00 x .062
11	00383100	1	Carrier, Friction Disc
12	00170800	1	Friction Disc
13	04149500	1	Hex Shaft
14	06714500	4	Pin, Spring Clip
15	07300012	1	Pulley, Cable
16	07000021	1	Bolt, Shoulder
17	05435200	2	Bearing
18	06543500	1	Nut, Locking Top Flange .25-20
19	52105000	1	Plate, Swing Assembly
20	05500113	1	Spacer
21	06900313	1	Cable
22	06437200	1	Washer, Flat Steel .344 x .688 x .065
23	06713500	1	Pin, Hair Internal .08 x .18 x 1.18
24	08300036	1	Spring
25	07400009	3	Screw, Tapping Serrated Round Head Torx .31-18 x .50
26	02466200	1	Chain, Roller
27	00657900	1	Shaft, Pinion
28	07061300	1	Zerk, Fitting .25 x .125 Drive-In
29	05500035	1	Bushing, Sleeve
30	06436100	1	Washer, Flat Steel .630 x 1.005 x .062
31	00190600	1	Sprocket/Gear (Included in Item 36)
32	05500111	2	Bushing, Flange (Included in Item 36)
33	05800205	1	Pin, Groove, Type E .125 x 1.00 Alloy
34	00503500	1	Tab, Anti-Rotation
35	05500029	1	Spacer
36	52601500	1	Sprocket/Gear w/Bushings (Includes Items 31 and 32)
37	05500026	1	Bushing, Polyliner
38	07414200	3	Screw, Tapping Hex Washer Thread Rolling .25 -20 x .75

WHEELS AND AXLES

Model 921025, 313



Item	Part No.	Qty.	Description
1	07100227	1	Tire/Wheel Assembly Right Hand 15 x 5.00-6
	07100228	1	Tire/Wheel Assembly Left Hand 15 x 5.00-6
	07100726	2	Tire, 15 x 5.00-6 K478
2	05700001	2	Clip, Snap
3	06436300	4	Washer, Flat Steel 1.010 x 1.505 x .062
4	05500829	2	Bushing, Axle
5	07400034	6	Screw, Tapping Hex Washer Head Thread Rolling .25-20 x .50
6	00866000	1	Differential Assembly
7	00865900	1	Axle, Short (Included in Item 11)
8	00865800	1	Axle, Long
9	06600002	2	Key Rectangular .25 x .188 x 1.00
10	05500023	2	Bushing, Sleeve (Included in Item 11)
11	52101200	AR	Axle, Short with Bushings (Includes Items 7 and 10)
12	05500122	1	Bushing, Sleeve
13	05800300	1	Pin, Roll .188 x 1.25

NOTES

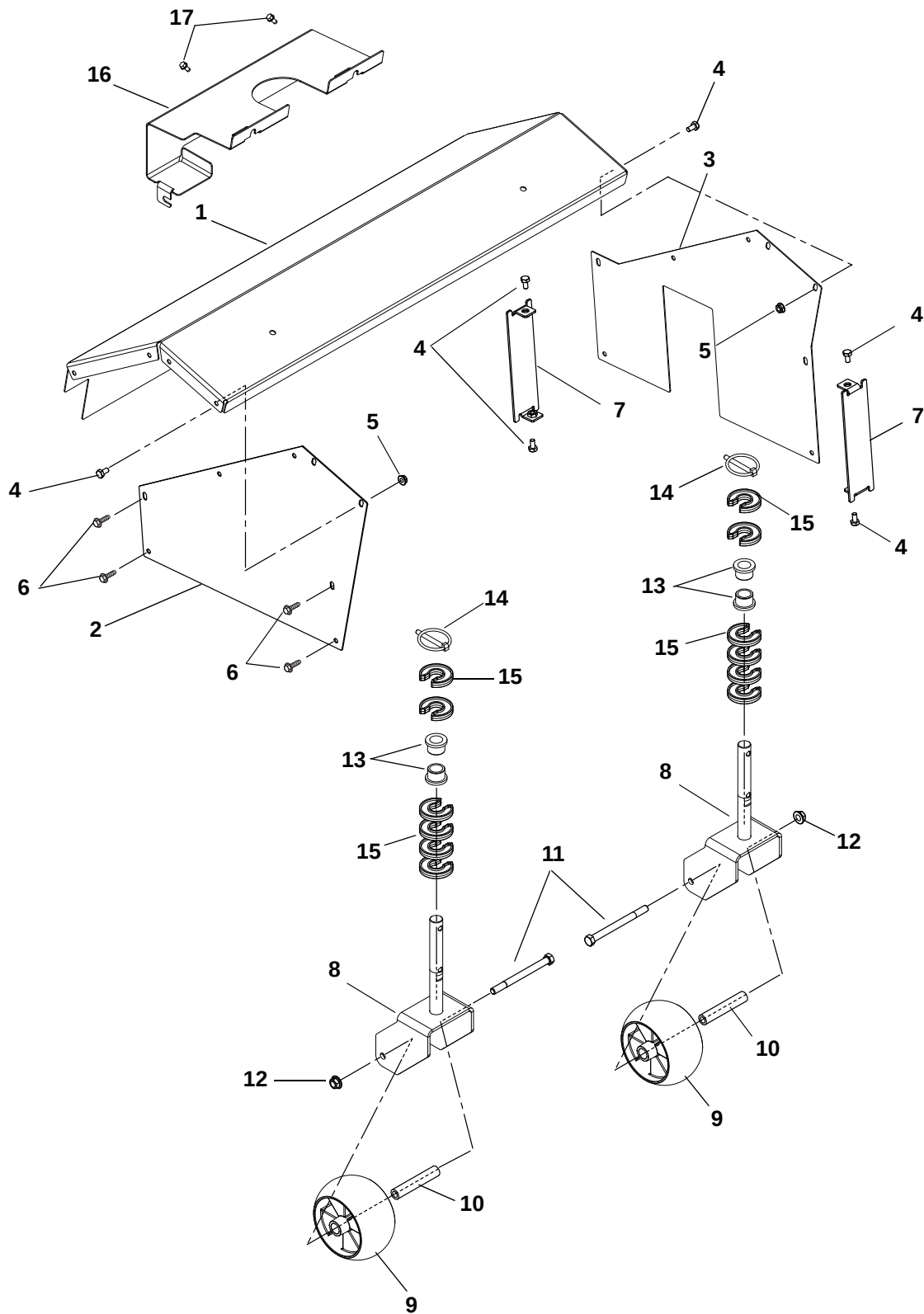
HANDLEBARS AND CONTROLS

Model 921025, 313

Item	Part No.	Qty.	Description
1	00656151	1	Handlebar, Lower
2	00494967	1	Rod, Shift, Lower
3	04310100	2	Clutch Paddle Block
4	04310451	1	Clutch Handle, Left Hand
5	04310551	1	Clutch Handle, Right Hand
6	04316651	1	Bracket, Interlock
7	04317751	1	Detent Plate
8	04318351	1	Handlebar, Upper, Right Hand
9	04320400	1	Interlock Arm
10	04320500	1	Rod, Pivot
11	04321500	1	Rod, Paddle Mount, Long
12	04321600	1	Rod, Paddle Mount, Short
13	04321700	1	Lever, Shift
14	04322100	2	Cam, Interlock
15	52004600	1	Control Panel with Decal
16	04334967	1	Rod, Shift, Upper
17	05500020	4	Bushing, Polyliner
18	05963300	1	Bolt, Hex .38-16 x 2.00
19	06200207	2	Bolt, Round Head Extra Long Square Neck .31-18 x 2.00
20	06209300	2	Bolt, Round Head Extra Long Square Neck .25-20 x 2.00
21	06219900	2	Bolt, Round Head Square Neck .25-20 x .75
22	06220100	1	Bolt, Round Head Extra Long Square Neck .25-20 x 1.25
23	06220600	2	Bolt, Round Head Square Neck .25-20 x .50
24	06221600	4	Bolt, Round Head Square Neck .31-18 x 2.25
25	06307400	4	Washer, Lock .312 x .097
26	06435700	4	Washer, Flat Steel .38 x .875 x .083
27	06437300	2	Washer, Flat Steel .281 x .62 x .065
28	06444000	1	Washer, Flat Steel .406 x 1.00 x .188
29	06529800	4	Nut, Locking Center .31-18
30	06530200	4	Nut, Locking Nylon .31-18
31	06542000	1	Nut, Locking Top Flange .38-16
32	06543500	7	Nut, Locking Top Flange .25-20
33	06701900	2	Pin, Hair, Internal .06 x .18 x .77
34	06713500	2	Pin, Hair, Internal .08 x .18 x 1.18
35	06714500	2	Pin, Spring Clip
36	06900439	2	Cable, Control
37	07028500	4	Bolt, Serrated Hex Flange Washer Head .38-16 x .75
38	07400034	7	Screw, Tapping Hex Washer Head Thread Rolling .25-20 x .50
39	07500005	4	Spacer, Handlebar
40	07500103	2	Edging, Clutch Handle
41	07500208	1	Knob
42	07518700	2	Handle Grip
43	08300527	2	Spring
44	08335700	1	Spring
45	00386700	1	Pivot, Shift Rod
46	04318451	1	Handlebar, Upper, Left Hand
47	08337000	1	Spring
48	04456159	1	Frame
49	00188400	2	Strap, Engine Bolt
50	05900019	6	Bolt, Hex Washer Head .25-20 x .75
51	00492359	1	Cover, Bottom
52	06529200	4	Nut, Hex .31-18
53	07009000	6	Nut, Retainer .25-20 x .56
54	06307400	4	Washer, Lock .31 x .097
55	06800028	2	Rivet, Pop .187
56	06437200	1	Washer, Flat Steel .344 x .688 x .065

BRUSH HEAD

Model 921025, 313



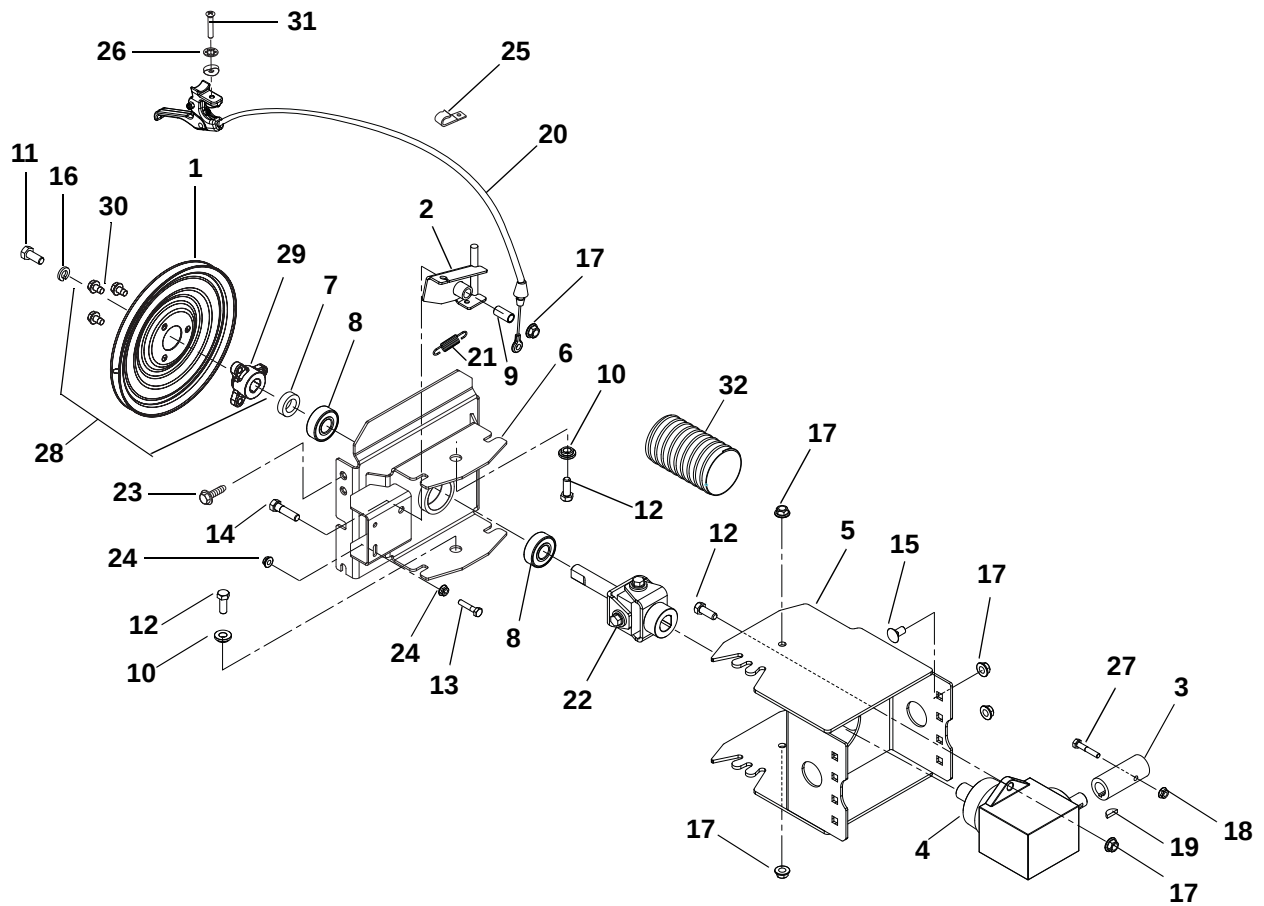
BRUSH HEAD

Model 921025, 313

Item	Part No.	Qty.	Description
1	53216100	1	Cover with Decals, 28" Brush
2	00258159	1	Cover, Right Hand Side
3	00256659	1	Cover, Left Hand Side
4	05947900	12	Bolt, Hex .25-20 x .50
5	06543500	8	Nut, Locking Top Flange .25-20
6	07400034	8	Screw, Tapping Hex Washer Head Thread Rolling .25-20 x .50
7	00267451	2	Cover, End
8	03278551	2	Fork, Caster
9	03905900	2	Wheel, Anti-Scalp
10	00188000	2	Spacer, Caster Wheel
11	05970400	2	Bolt, Hex .38-16 x 4.50
12	06542000	2	Nut, Locking Top Flange .38-16
13	03985500	4	Bushing, Flange
14	06700204	2	Pin, Lynch .25 x 1.25
15	03265100	12	Clip, HOC
16	04363451	1	Guard, Shaft (921313)
17	07400104	3	Screw, Tapping Hex Washer Head Thread Rolling .25-20 x .50 (921313)

BRUSH DRIVE UNIT

Model 921025, 313



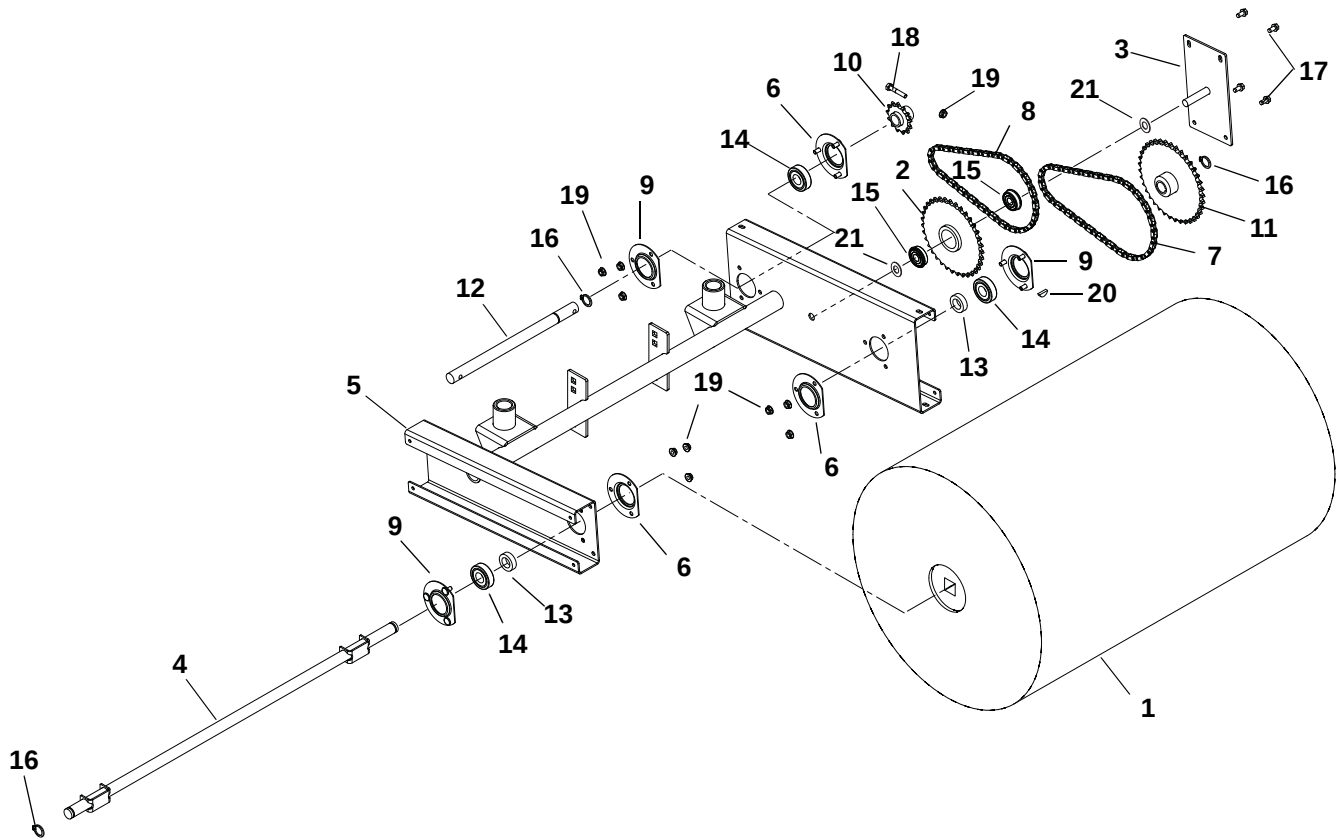
BRUSH DRIVE UNIT

Model 921025, 313

Item	Part No.	Qty.	Description
1	00268951	1	Pulley, Attachment (Included in item 28)
2	00262251	1	Arm, Pivot Lock
3	00297800	1	Hub, Coupling
4	02499300	1	Gear Box Assembly
5	53216200	1	Adapter with Decal, Brush Frame
6	03295351	1	Adapter, Broom Frame
7	03634600	1	Spacer
8	05412000	2	Bearing
9	05500106	1	Bushing, Sleeve
10	05515800	2	Bushing, Flange
11	05947300	1	Bolt, Hex .31-24 x .75
12	05948700	4	Bolt, Hex .38-16 x 1.00
13	05952500	1	Bolt, Hex .25-20 x 1.50
14	05958500	1	Bolt, Hex .38-16 x 1.75
15	06223900	4	Bolt, Round Head Square Neck .38-16 x .75
16	06307400	1	Washer, Lock .312 x .097
17	06542000	9	Nut Locking Top Flange .38-16
18	06543500	1	Nut Locking Top Flange .25-20
19	06600300	1	Key, Woodruff .188 x .75 x .313 SAE 9
20	06900517	1	Cable, Remote Brush Lock
21	08300029	1	Spring
22	53216300	1	Universal Joint Assembly
23	07414400	4	Screw, Tapping Hex Washer Head Thread Rolling .31-18 x .75
24	06530100	2	Nut, Locking Serrated Flange .25-20
25	06909400	1	J-Clamp
26	06305200	1	Washer, Lock, Internal .250
27	05964700	1	Bolt, Hex .25-20 x 1.75
28	52001800	1	Pulley Assembly (Includes Items 1, 29, 30)
29	00268901	1	Hub, Pulley (Included in item 28)
30	07411500	3	Screw, Tapping Hex Washer Head Thread Rolling .31-18 x .50 (Included in item 28)
31	06100007	1	Screw, Machine Oval Head .25-20 x 1.50
32	07500210	1	Guard, Shaft (921313)

BRUSH FRAME

Model 921025, 313



Item	Part No.	Qty.	Description
1	00180100	1	Brush, 18" Diameter x 28" Wide
2	00180600	1	Sprocket, Reduction Idler
3	00180859	1	Mount, Reduction Idler
4	00181200	1	Shaft, Brush
5	03278451	1	Frame, Brush
6	01014200	3	Bearing Flange
7	00368500	1	Chain, Roller
8	00386100	1	Chain, Roller
9	00428700	3	Bearing Flange
10	02997400	1	Sprocket, Drive
11	02997500	1	Sprocket, Driven
12	02997600	1	Shaft, Transmission
13	03634600	2	Spacer
14	05406300	3	Bearing
15	05480000	2	Bearing
16	05714600	3	Ring, Retaining, External .689 x .078
17	07400034	4	Screw, Tapping Hex Washer Head Thread Rolling .25-20 x .50
18	05964700	1	Bolt, Hex .25-20 x 1.75
19	06543500	10	Nut, Locking Top Flange .25-20
20	06600300	1	Key, Woodruff .188 x .75 x .313 SAE 9
21	06442000	2	Washer, Flat Steel .563 x 1.38 x .109



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