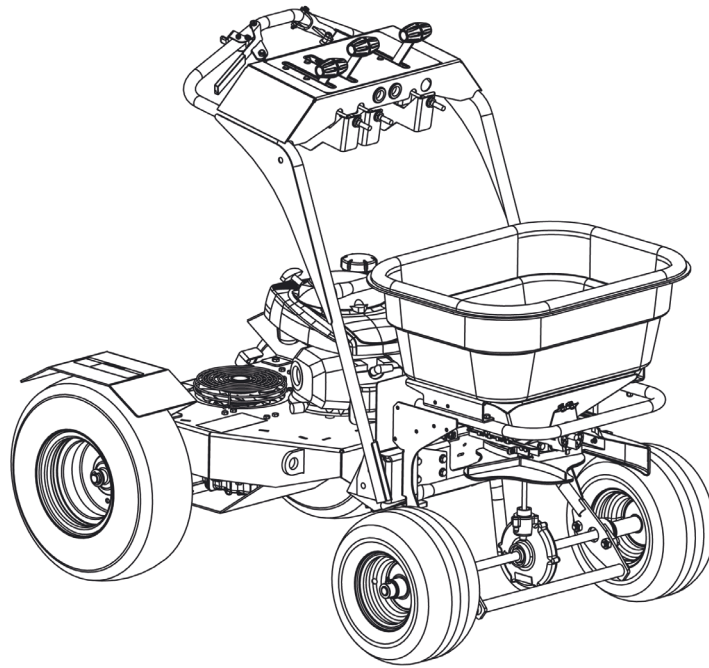




PARTS MANUAL

Model S100-12011 Ride-On Spreader



Spyker Spreaders
Contact Us at 800.972.6130

IMPORTANT

This manual contains information for the safety of persons and property.
Read it carefully before assembly and operation of the equipment!

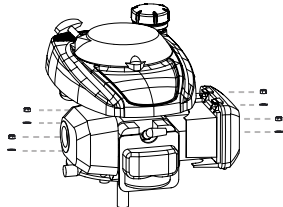
SULKY ASSEMBLY

SECTION 1

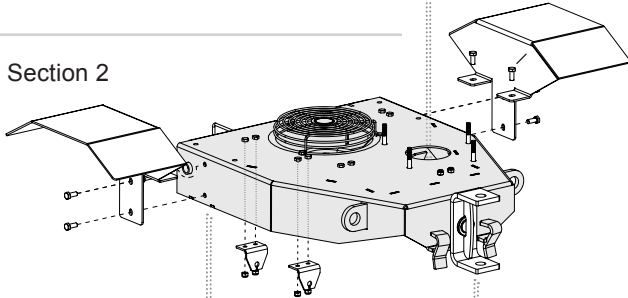


SULKY

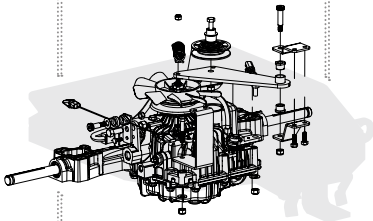
Section 1



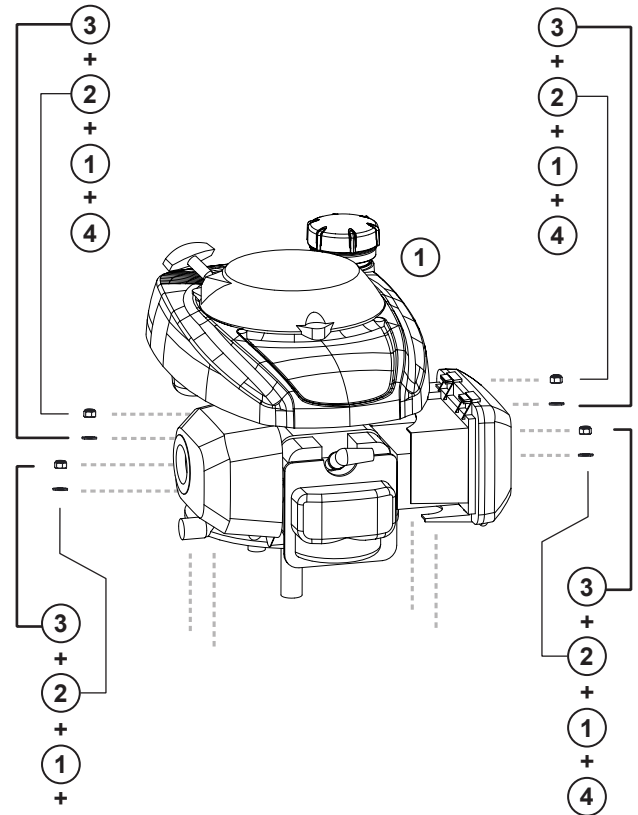
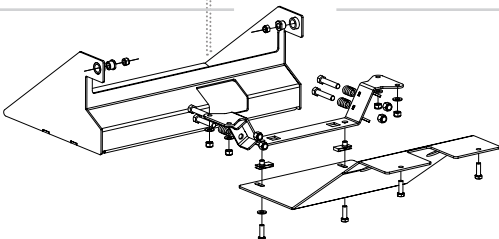
Section 2



Section 3



Section 4

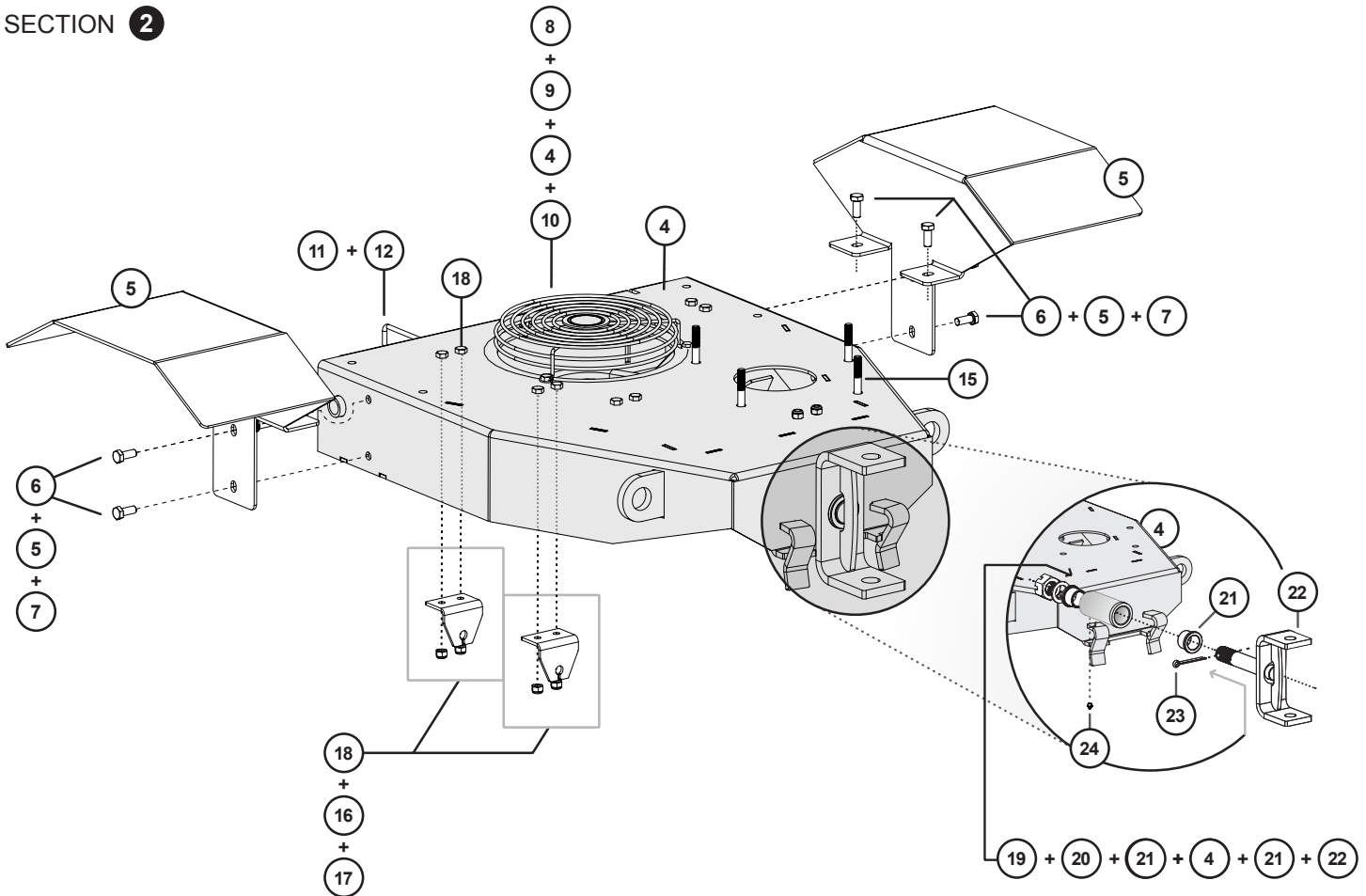


Item #	Name & Part No.	Qty.
1	Engine 1017221	1
2	5/16" Washer 45M1111P	19
3	5/16" Nylon Lock Nut B-4786	21

Item #	Name & Part No.	Qty.
4	Sulky 1017365	1
5	Fender, Weldment 1017367	2
6	Bolt, Hex Head 5/16 x 3/4 2M1012P	8
7	Nut, Whiz Lock 5/16 x 18 B-4355	8

SULKY ASSEMBLY

SECTION 2



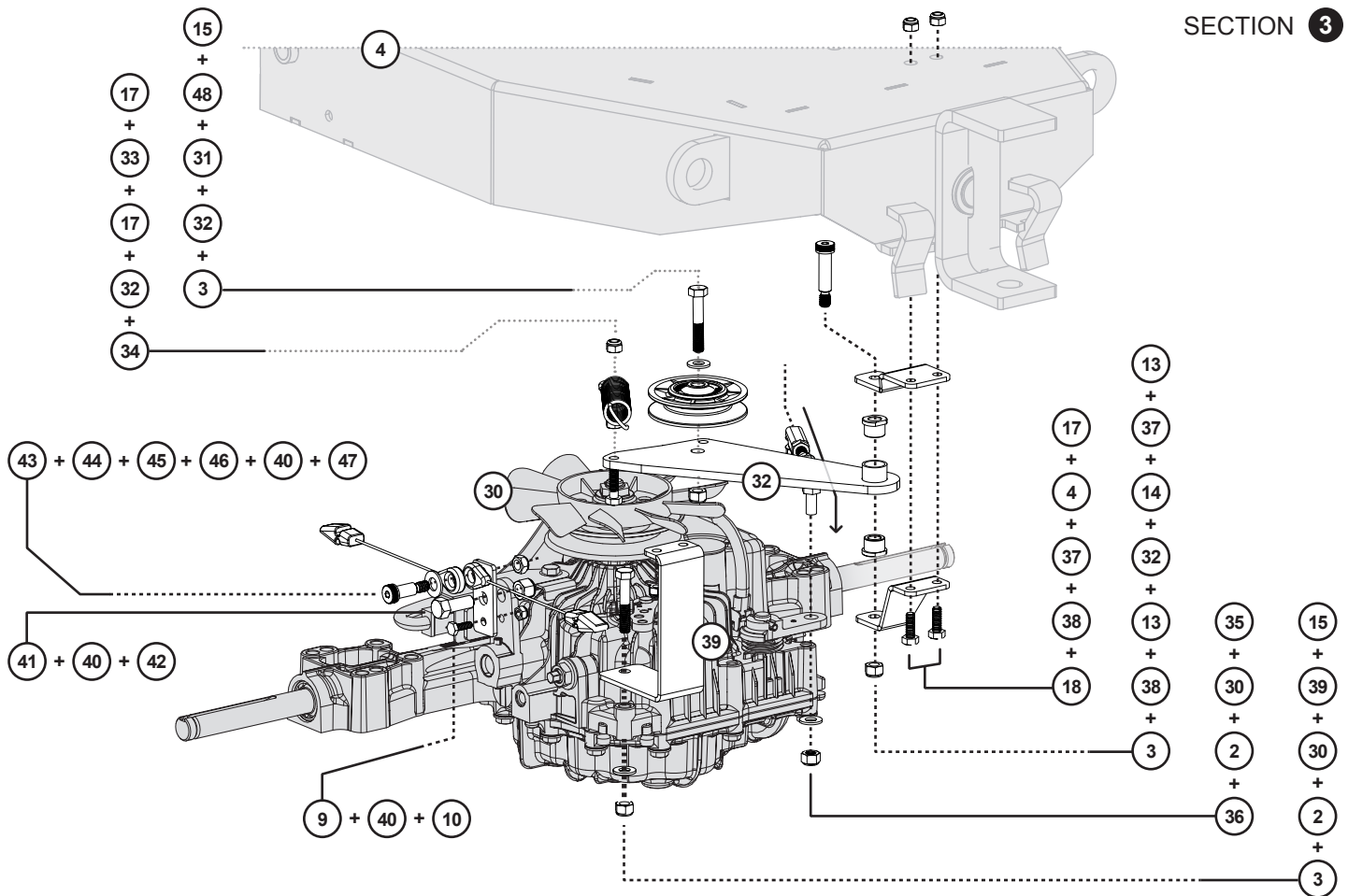
SECTION 2	Item #	Name & Part No.	Qty.
	8	Fan Guard 1008794	1
	9	Bolt, Hex Head 10 x 5/8 SS 1001248	8
	10	Nut, Nylon Lock #10-24 SS 1001308	12
	11	Formed Rod, Bypass 1016772-01	1
	12	Nut, Push 3/16 OD Shaft 1017034	1
	13	Bolt Shoulder 3/8 x 1.25 x 5/16-18 1009093	3
	14	3/8 Spinner Shaft Bushing 1001301	6
	15	Bolt, Hex Head 5/16 x 1-3/4 2M1028P	6
	16	Cable Bracket 1008886-10	2
	17	Nut, Nylon Lock 1/4-20 B-4785	12
	18	Bolt, Hex Head 1/4 x 3/4 2M0812P	10
	19	Slotted Nut 1" x 8 UNC 1008982	1
	20	Bushing, Mach 1" V-886	1

SECTION 2	Item #	Name & Part No.	Qty.
	21	Flange Bearing 1008797	2
	22	Clevis Pivot Weldment 1008887-10	1
	23	Cotter Pin 3/16 x 2 SS18-8 1008983	1
	24	Grease Zerk 1/4-28 1001763	2
	25	Bushing, Mach 1" V-886	1
	26	Slotted Nut 1" x 8 UNC 1008982	1
	27	Nut, Nylon Lock 1/4-20 B-4785	12

Sections 3 and 4 of the sulky assembly continue on pages 4-5.

SULKY ASSEMBLY

SECTION 3



SECTION 3

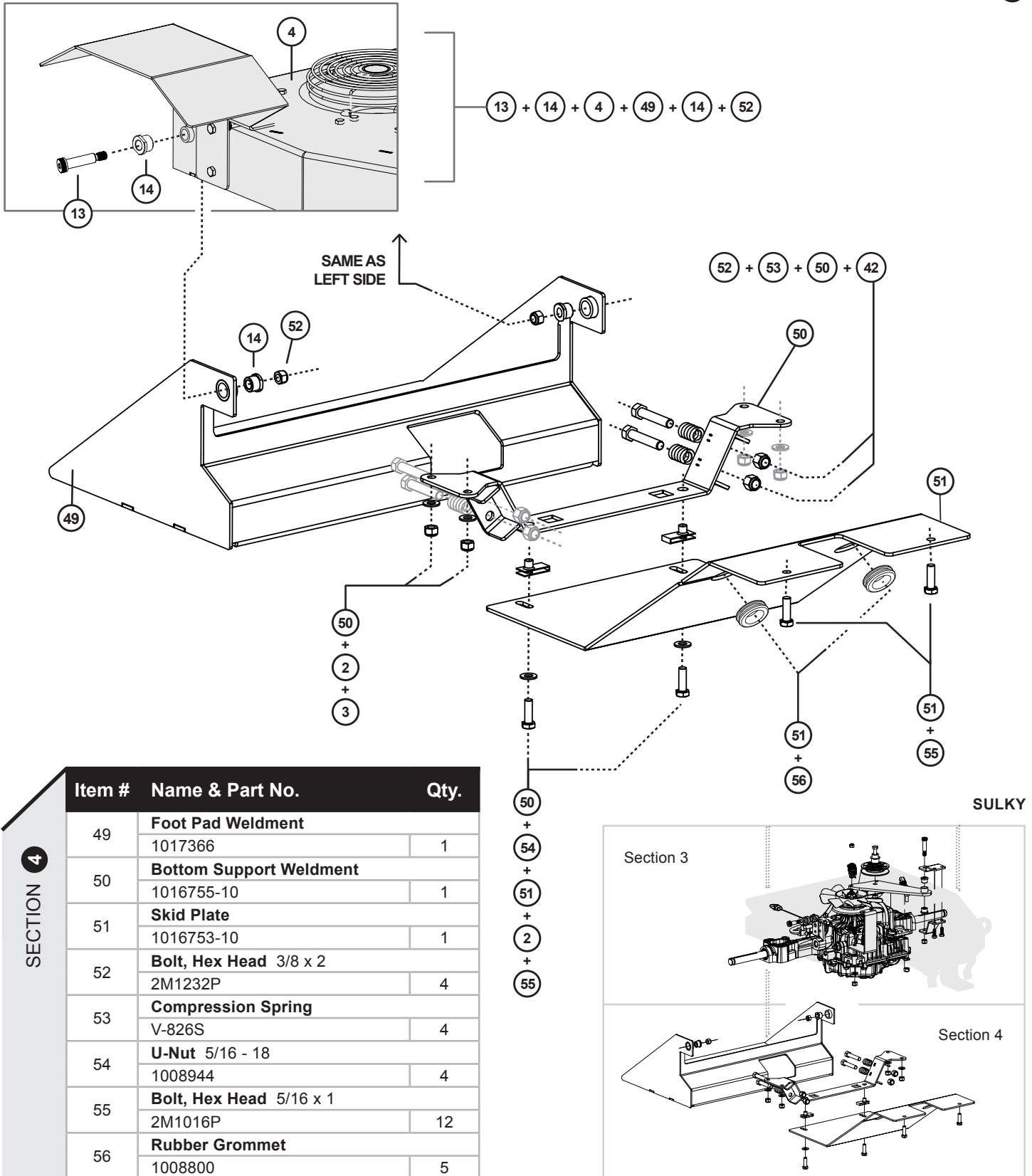
Item #	Name & Part No.	Qty.
30	Transmission, Tuff Torq 1016754	1
31	Pulley, Idler 1009286	1
32	Weldment, Idler Pulley 1010027	1
33	Spring 1010162	1
34	Bolt, Hex Head 1/4 x 1 2M0816P	1
35	Linkage Assembly 1017031	1
36	Nut, Nylon Lock 5/16 - 24 1009428	2
37	Bracket, Tensioner 1017033-10	1
38	Bracket, Tensioner 1016771-10	1
39	Front Transmission Mount 1016759-10	1

SECTION 3

Item #	Name & Part No.	Qty.
40	Bracket, Plate 1017068-10	1
41	Bolt, Hex Head 3/8 x 1 2M1216P	1
42	Nut, Nylon Lock 3/8 - 16 B-4820	5
43	Bolt Shoulder 3/8 x 3/4 x 5/16 - 18 1017069	1
44	Washer, SAE Flat 3/8 45M1313P	1
45	Cable, Reverse 1008926	1
46	Cable, Forward 1008925	1
47	Nut, Lock 5/16 - 18 B-1674P	3
48	Special Washer R-618	1

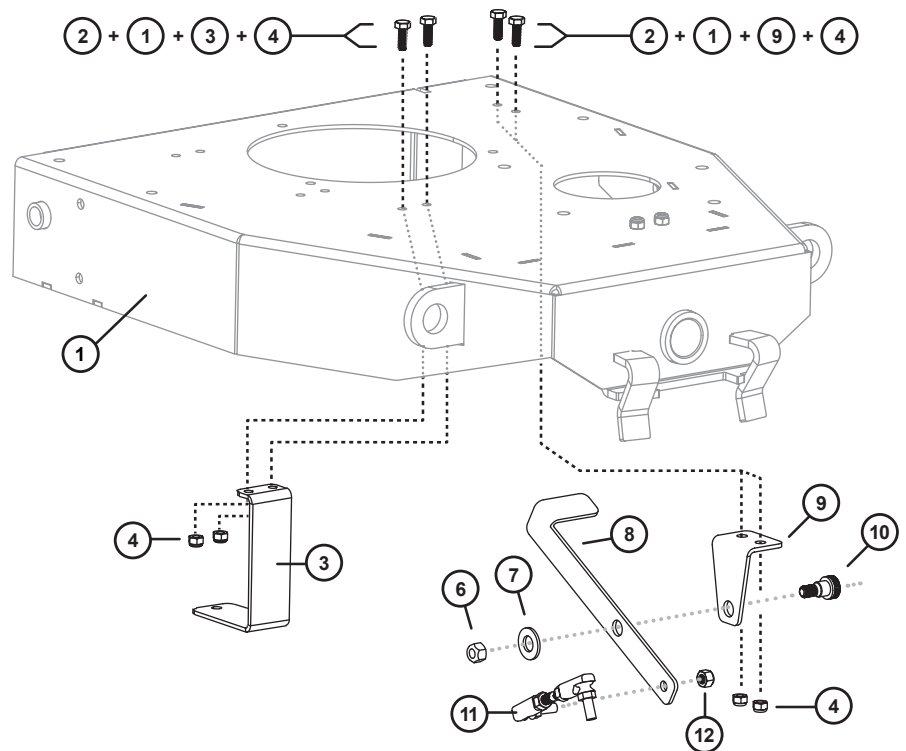
SULKY ASSEMBLY

SECTION 4



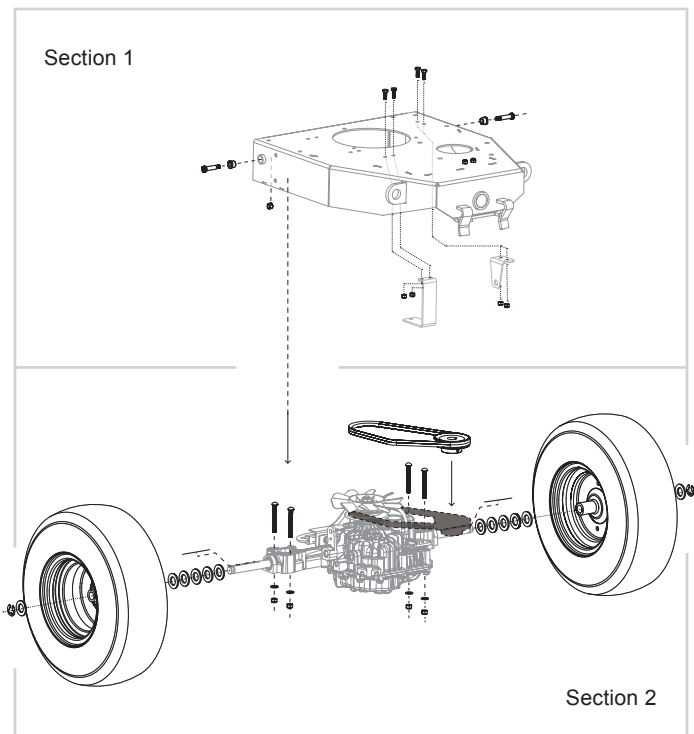
TRANSMISSION ASSEMBLY

SECTION 1



TRANSMISSION

Section 1



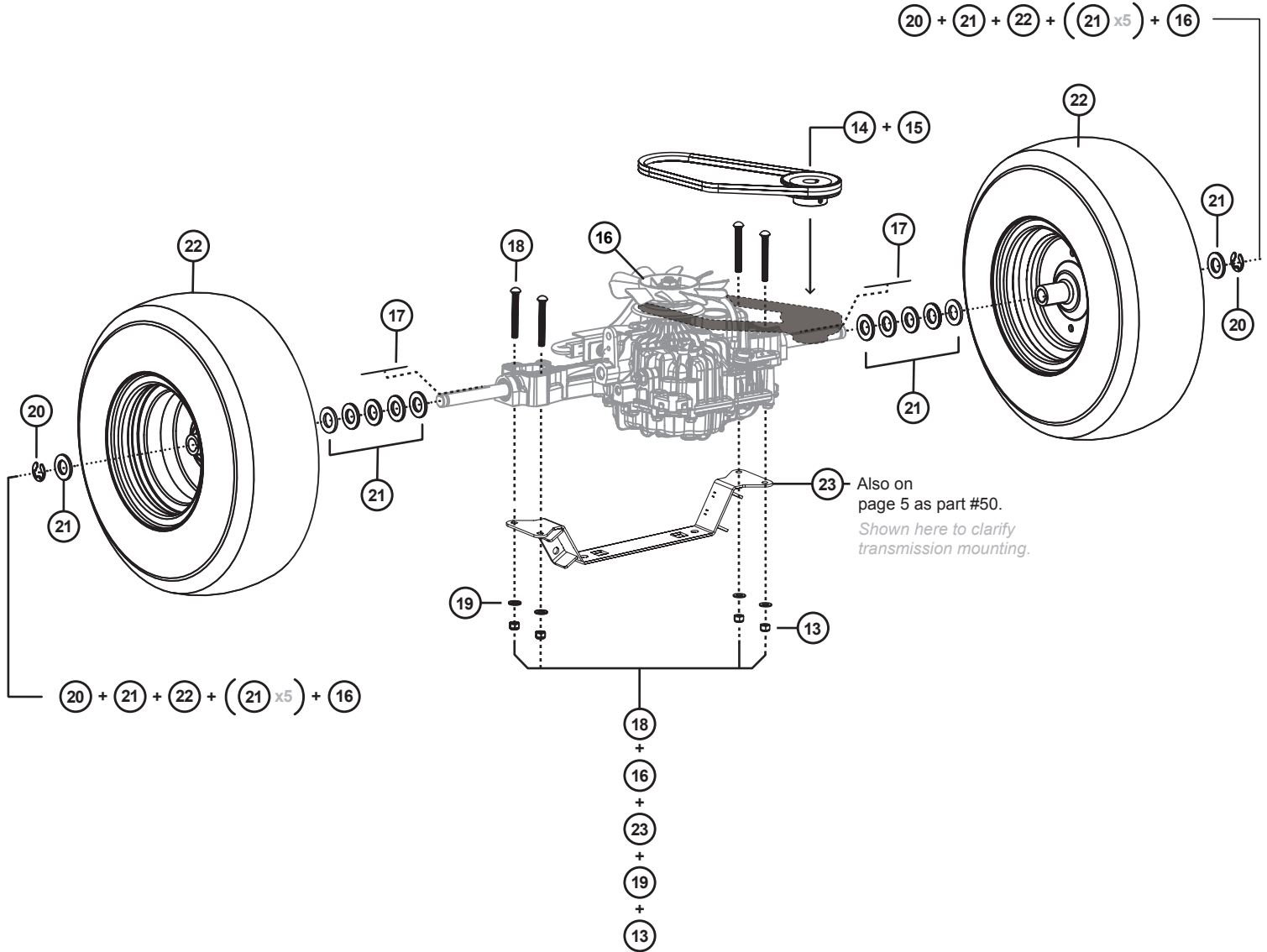
Section 2

SECTION 1

Item #	Name & Part No.	Qty.
1	Sulky 1017365	1
2	Bolt, Hex Head 1/4 x 3/4 2M0812P	10
3	Front Transmission Mount 1016759-10	1
4	Nut, Nylon Lock 1/4-20 B-4785	12
5	Shoulder Bolt 3/8 x 1.25 x 5/16-18 1009093	3
6	Nut, Hex Lock 3/8-16 B-1675P	1
7	Washer, Flat 1/2" 45M1717P	1
8	Brake Lever 1016765-01	1
9	Brake Bracket 1016766-10	2
10	Bolt, Shoulder 0.5 x 3/8-16 1008844	1
11	Linkage Assembly 1017031	1
12	Nut, Nylon Lock 5/16 - 24 1009428	4

TRANSMISSION ASSEMBLY

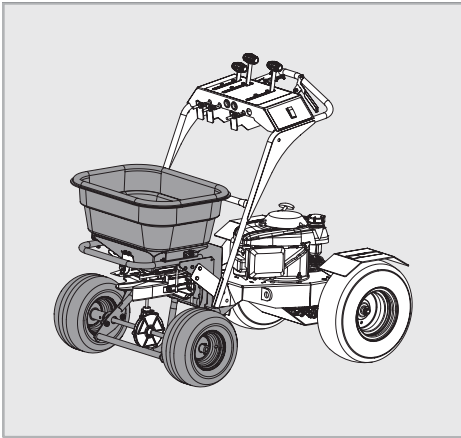
SECTION 2



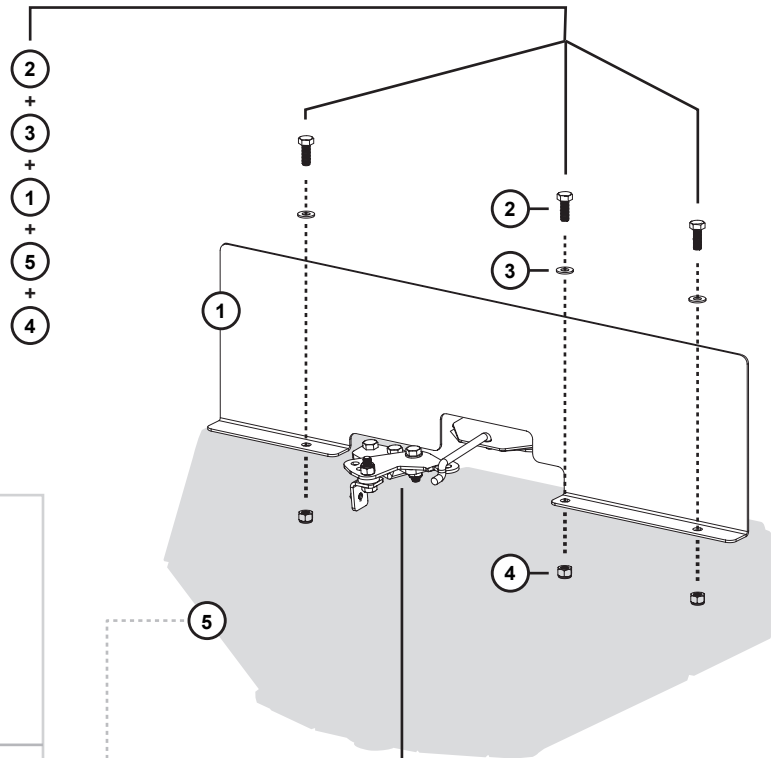
Item #	Name & Part No.	Qty.
13	Nut, Nylon Lock 5/16-18 B-4786	21
14	V-Belt 1016788	1
15	Drive Pulley 1016787	1
16	Tuff Torq Transmission 1016754	1
17	Square Key 1008849	2
18	Carriage Bolt 5/16-18 x 2.75 1008801	4

Item #	Name & Part No.	Qty.
19	Washer, Flat 5/16 45M1111P	19
20	Retaining Ring 3/4" E Type B-4305	2
21	Washer, Flat 3/4 45M2525P	13
22	Rear Wheel Assembly 1008846	2
23	Bottom Support Weldment 1016755-10	1

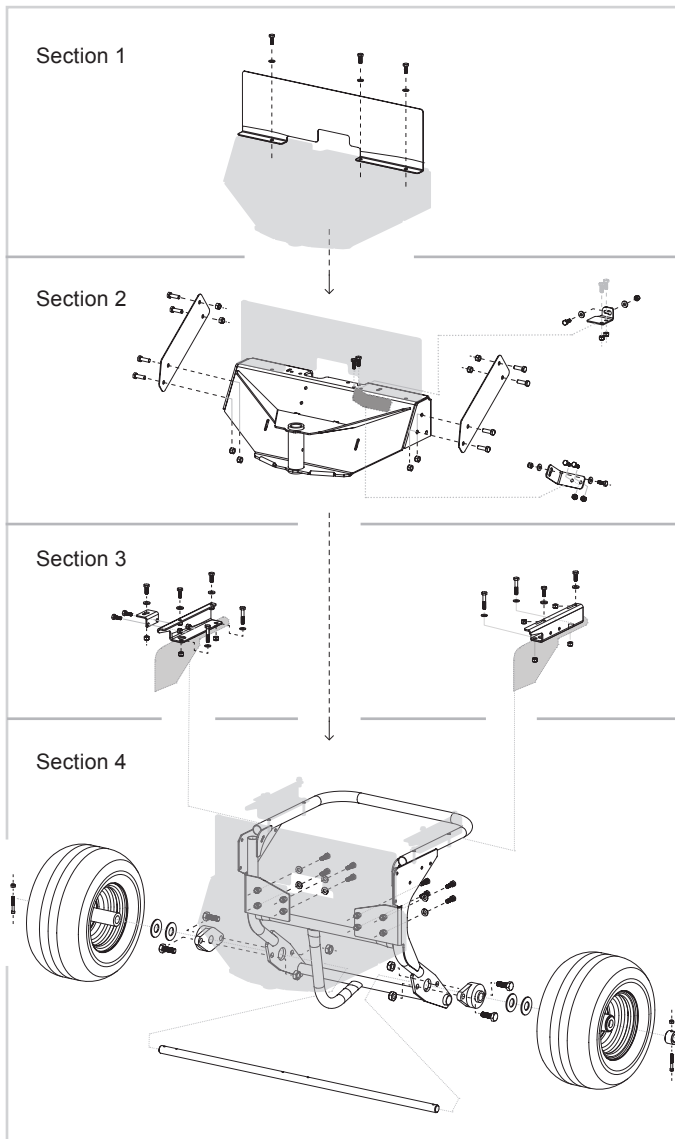
FRONT FRAME & HOPPER ASSEMBLY



SECTION 1

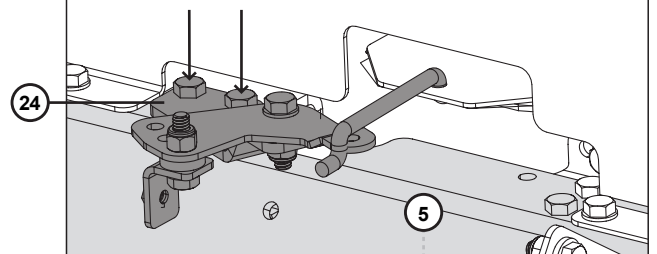


FRONT FRAME



Parts from page 12 extend through the gap and bracket (24) mounts to the Pivot Bracket Weldment.

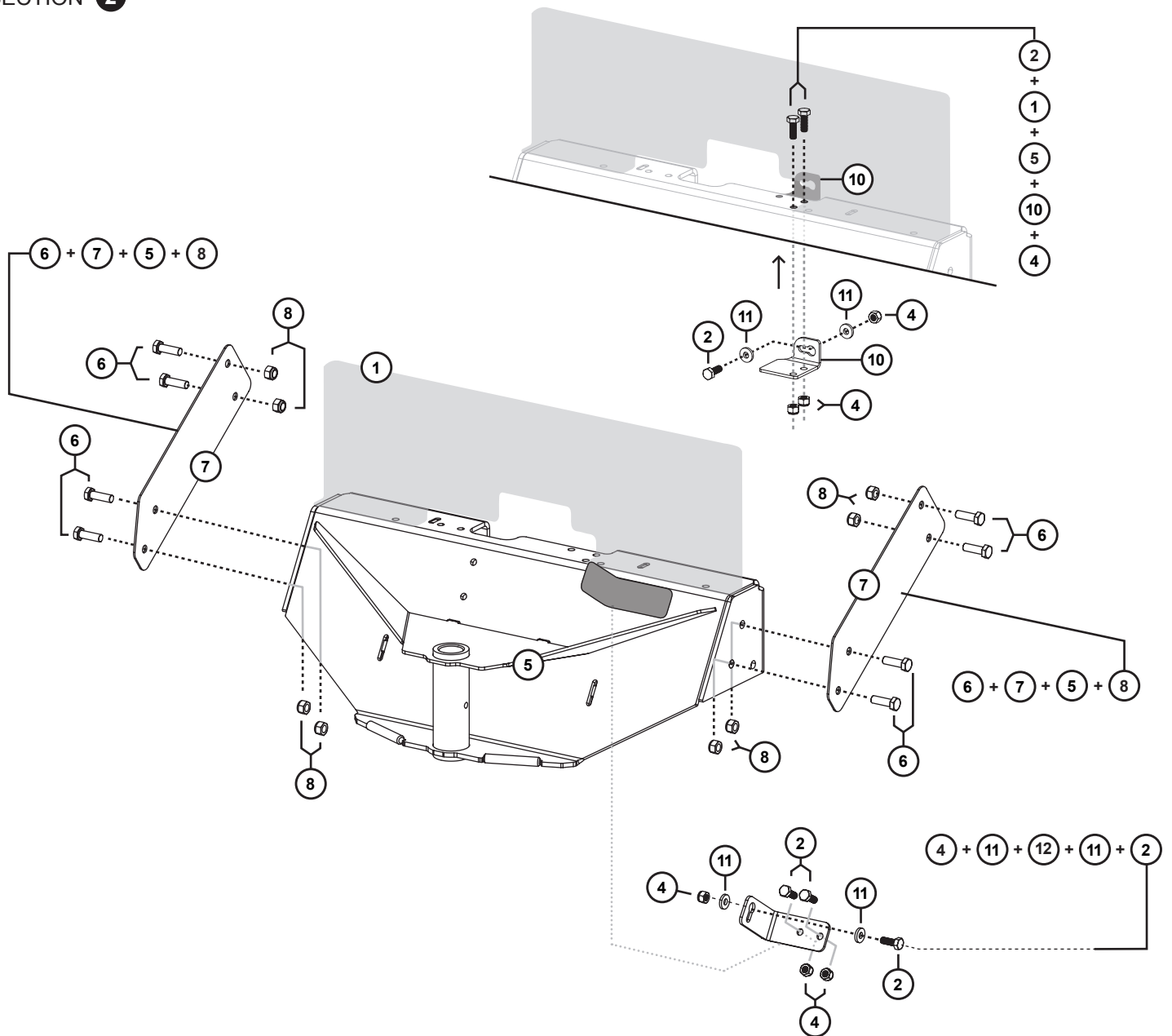
PARTS MOUNT HERE



SECTION 1	Item #	Name & Part No.	Qty.
	1	Shield 1009014	1
	2	Bolt, Hex Head SS 1/4 x 3/4 1006084	22
	3	Washer, SS 1/4" 1001351	17
	4	Nut, Nylon Lock SS 1/4-20 1005198	37

FRONT FRAME & HOPPER ASSEMBLY

SECTION 2

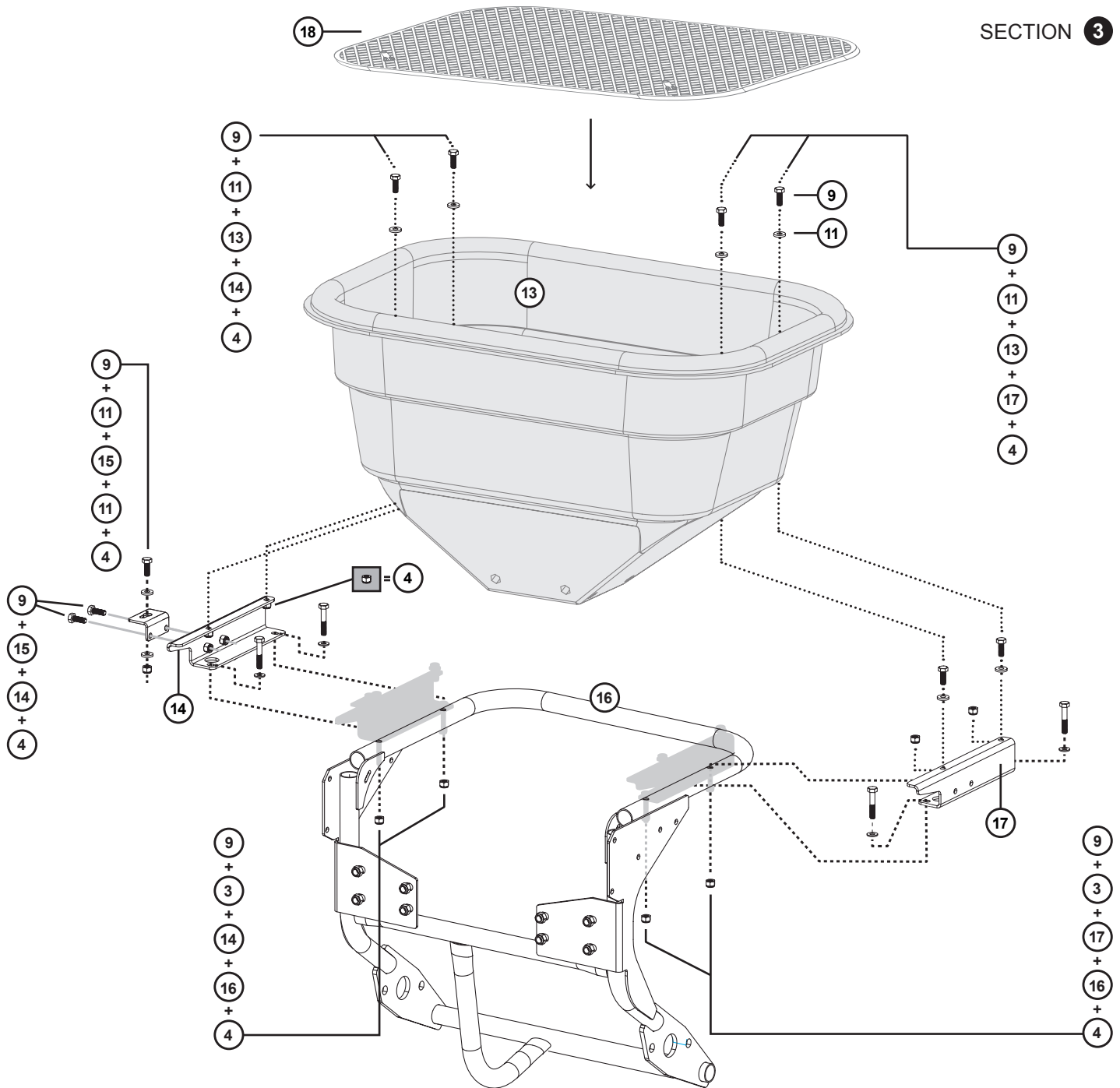


SECTION 2	Item #	Name & Part No.	Qty.
	5	Weldment, Pivot Bracket 1008895	1
	6	Bolt, Hex Head 5/16 x 1 2M1016P	12
	7	Bracket, Ship 1009019-10	2
	8	Nut, Nylon Lock 5/16 - 18 B-4786	21

2	Item #	Name & Part No.	Qty.
	9	Bolt, Hex Head SS 1/4 x 3/4 1006084	22
	10	Bracket, Accuway Cable 1009012	1
	11	Washer, Nylon 1001554	16
	12	Bracket, Gate Cable 1009007	1

FRONT FRAME & HOPPER ASSEMBLY

SECTION **3**

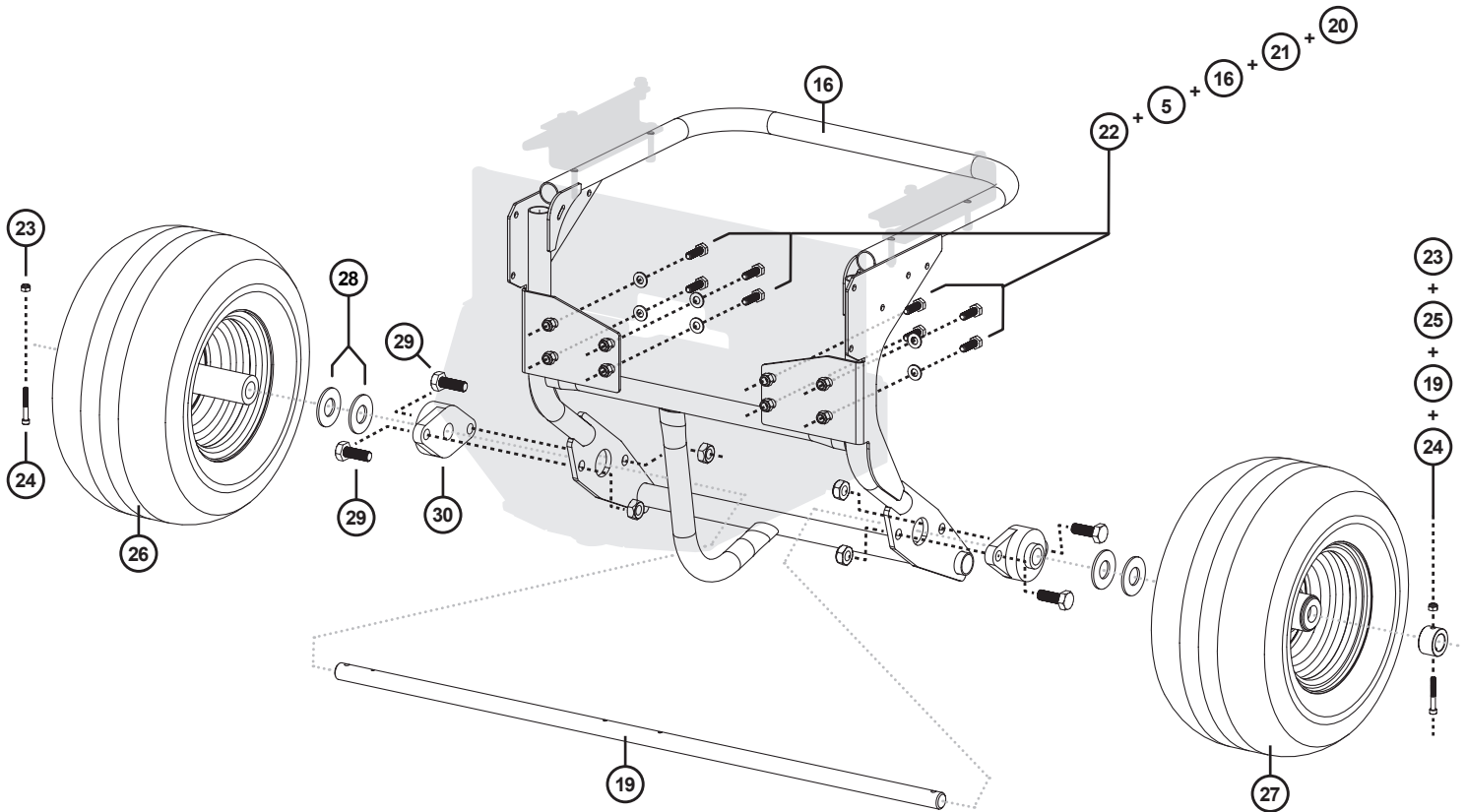


Item #	Name & Part No.	Qty.
13	Drilled Hopper Assembly 1008732	1
14	Bracket, Hopper Left 1009003-LH	1
15	Bracket, Deflector Cable 1009010	1

Item #	Name & Part No.	Qty.
16	Front Frame 1016743	1
17	Bracket, Hopper Right 1009003-RH	1
18	Screen 1008720	1

FRONT FRAME & HOPPER ASSEMBLY

SECTION 4



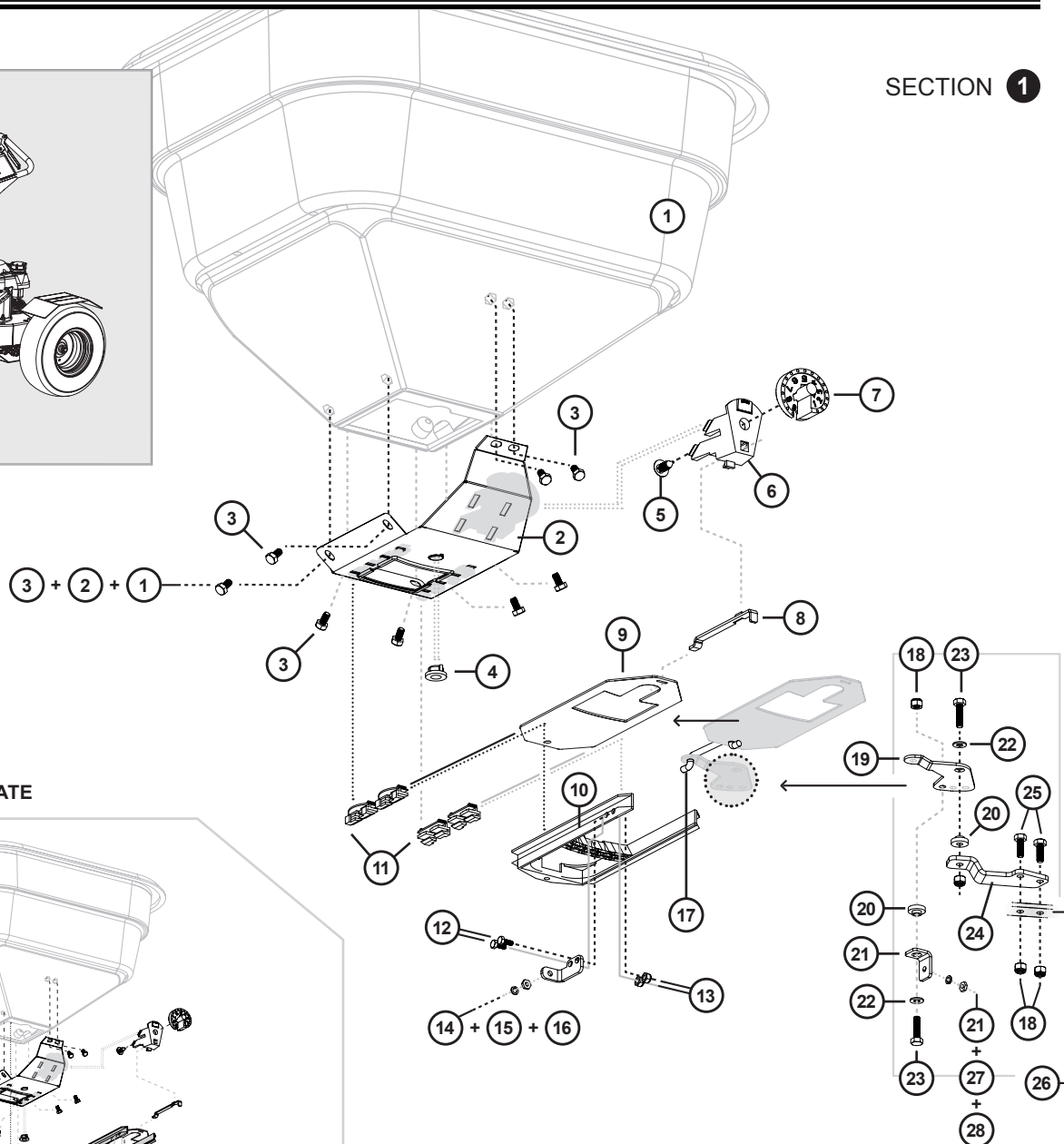
19 goes through:
 26 + 28 + 30 + 17 + 30 + 28 + 27 + 25

SECTION 4	Item #	Name & Part No.	Qty.
	19	Front Axel	
		1016784	1
	20	Bolt, Hex 5/16-18x1 SS316	
		1008811	8
	21	Washer, Flat SS-5/16"	
		45M1111SS	8
	22	Nut, Nylon Lock 5/16-18	
		1001315	8
	23	Nut, Nylon Lock #10-24 SS	
		1001308	12
	24	Bolt, Socket 10-24 x 1.5	
		1008869	2
	25	Collar, Shaft	
		1008822-01	1

SECTION 4	Item #	Name & Part No.	Qty.
	26	Wheel Assembly Drive	
		1008816	1
	27	Wheel Assembly Idle	
		1008818	1
	28	Washer, Flat 3/4 SS18-8	
		1008812	4
	29	Bolt, Hex Head 7/16 x 1-1/4	
		2M1420P	4
	30	Ball Bearings	
		1016783	2
	31	Nut, Hex Head 7/16-14	
		B-1676P	4

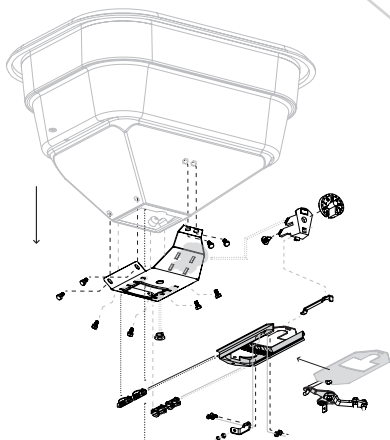
IMPELLER & SHUT-OFF PLATE ASSEMBLY

SECTION 1

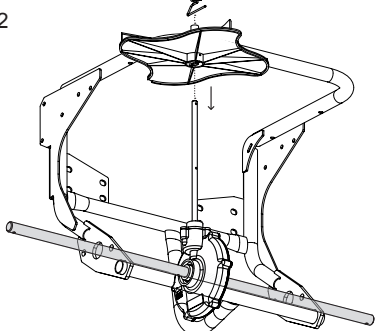


IMPELLER & SHUT-OFF PLATE

Section 1



Section 2



SECTION 1

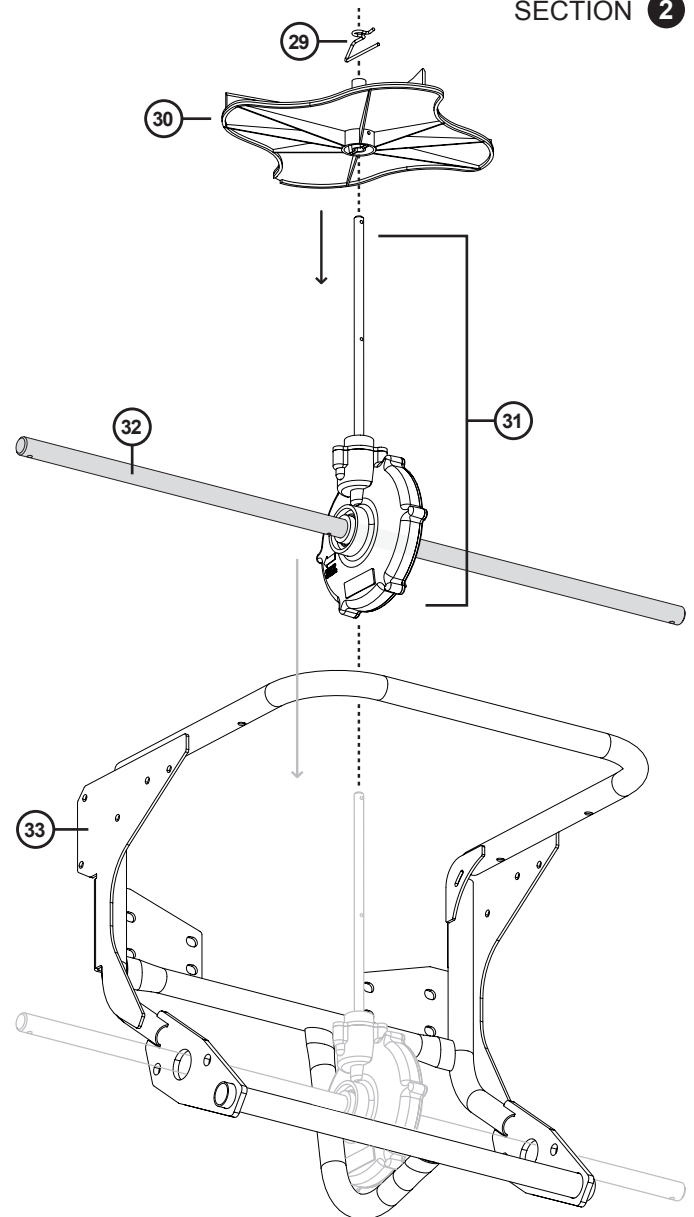
Item #	Name & Part No.	Qty.
1	Hopper 1008732	1
2	Mulch Bottom Push 1000766	1
3	Hex Head Bolt, Stainless 1/4 x 1/2 1004880	8
4	Bottom Bearing, Hopper 1000203	1
5	Pine Tree Clip 1000215	1
6	Dial Mount 1000211	1

IMPELLER & SHUT-OFF PLATE ASSEMBLY

SECTION 1

Item #	Name & Part No.	Qty.
7	Dial, Milled 1000733	1
8	Rate Gate Linkage 1000725	1
9	Rate Gate 1008244	1
10	Accuway Diffuser 1006147	1
11	Guide Rate Gate / Accuway 1001521	4
12	Bolt, Stainless 10-32 x 1/2" 1001264	2
13	Nylon Lock Nut, Stainless #10-32 1008748	2
14	Nut #10-32 Stainless 18-8 1009077	6
15	Lock Washer, Stainless #10 1007005	6
16	Accuway Bracket 1009011	1
17	Cable Rod 1008729	1
18	Nylon Lock Nut, Stainless 1/4-20 1005198	37
19	Pivot Linkage 1008707	1
20	Nylon Flange Bushing 1001533	8
21	Cable Linkage 1008708	4
22	Washer, Stainless 1/4" 1001351	17
23	Hex Head Screw, Stainless 1/4-20 x 1" 1001255	8
24	Gate Support Bracket 1009006	1
25	Hex Head Bolt, Stainless 1/4 x 3/4 1006084	22
26	Sulky 1016746	1
27	Lock Washer, Stainless #10 1007005	6
28	Nut, Stainless #10-31 18-8 1009077	6

SECTION 2



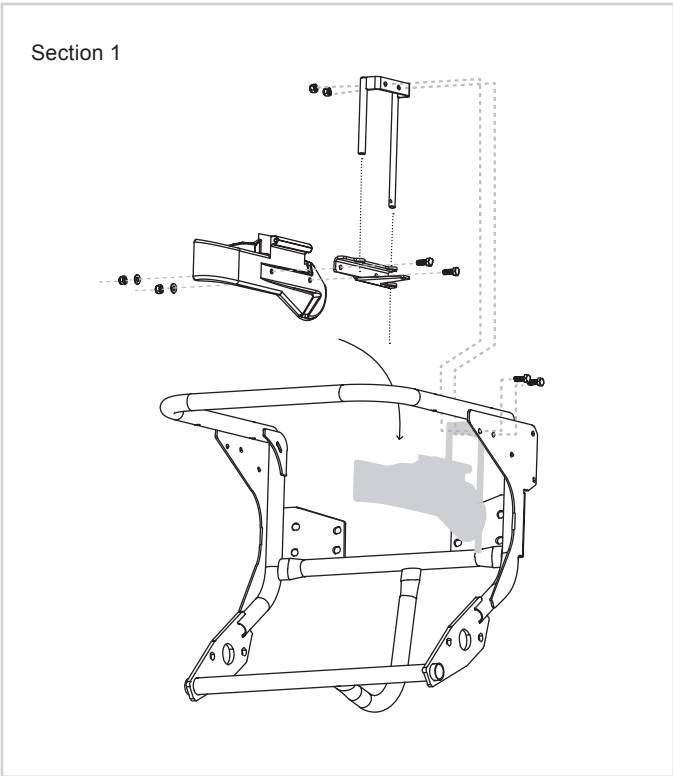
SECTION 2

Item #	Name & Part No.	Qty.
29	Spinner Clip 1001683	1
30	Drilled Spinner, Black 1000607	1
31	Transmission 1009004	1
32	Front Axel 1016784	1
33	Front Frame 1016743	1

SIDE DEFLECTOR ASSEMBLY



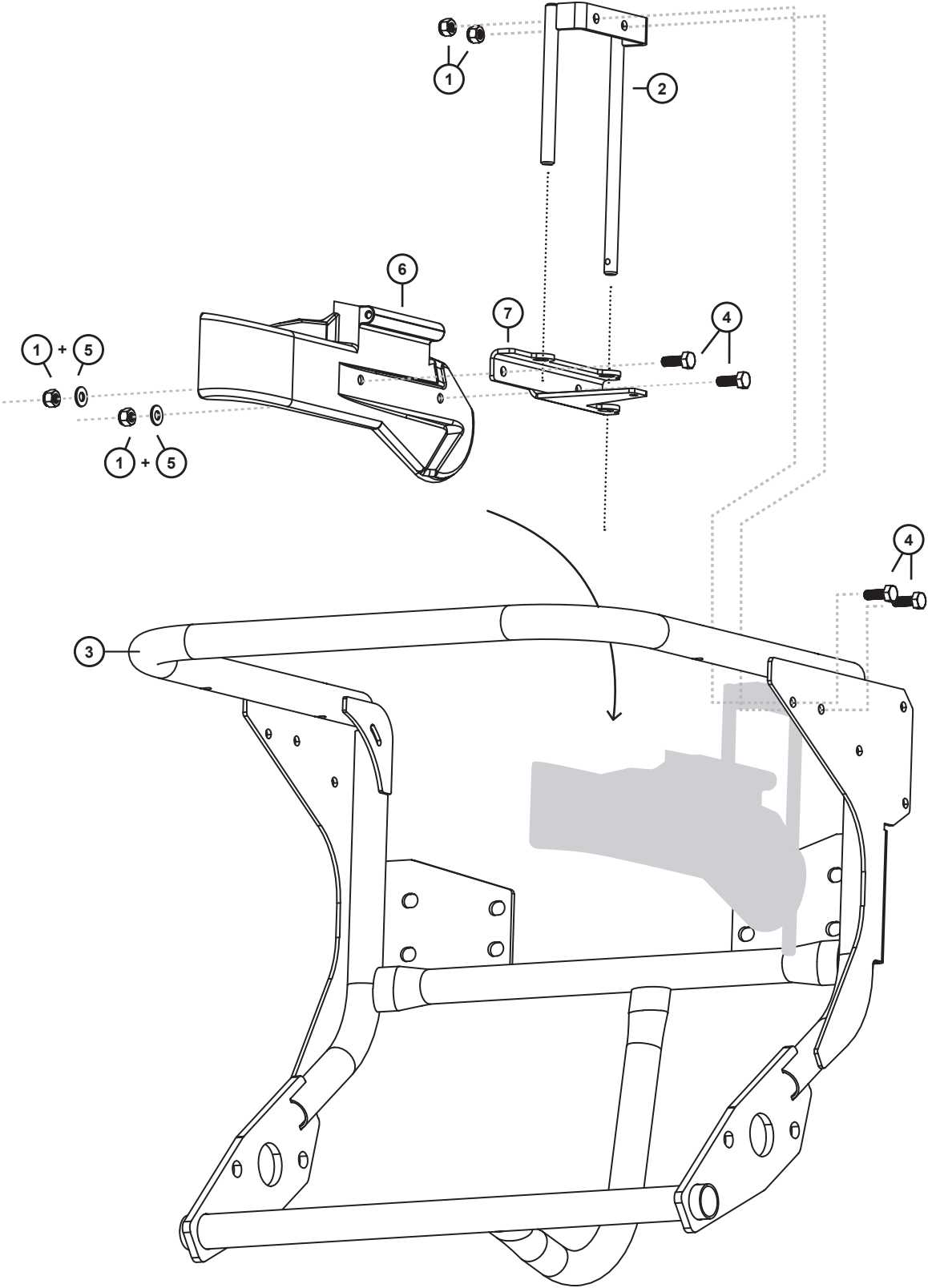
SIDE DEFLECTOR



SECTION 1	Item #	Name & Part No.	Qty.
	1	Nylon Lock Nut, Stainless 1/4-20 1005198	37
	2	Weldment, Deflector Guide 1009008	1
	3	Front Frame 1016743	1
	4	Hex Head Bolt, Stainless 1/4 x 3/4 1006084	22
	5	Washer, Stainless 1/4" 1001351	17
	6	Deflector Shield, Side 1000684	1
	7	Bracket, Deflector Side 1009009	1

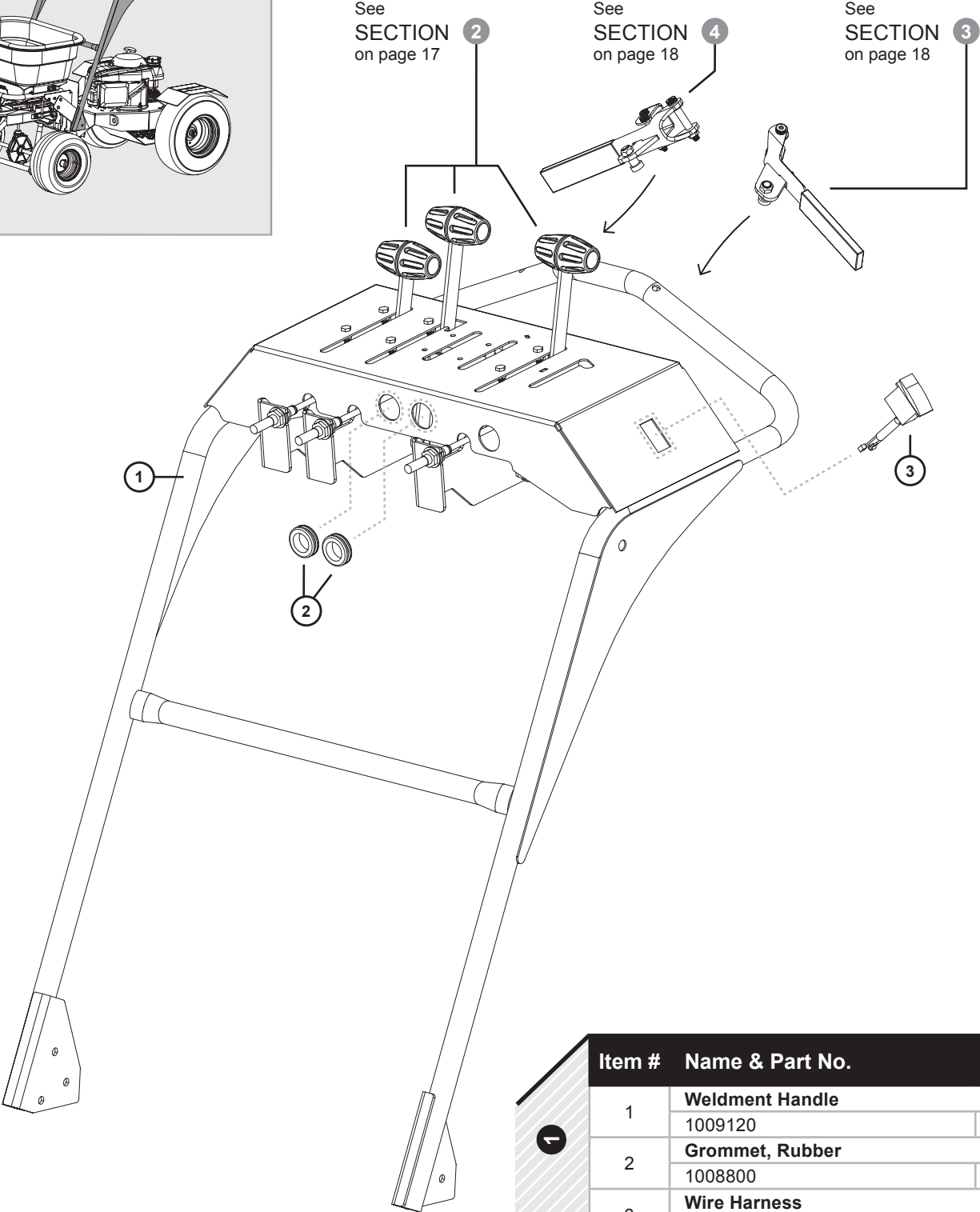
SIDE DEFLECTOR ASSEMBLY

SECTION 1



CONTROL ASSEMBLY

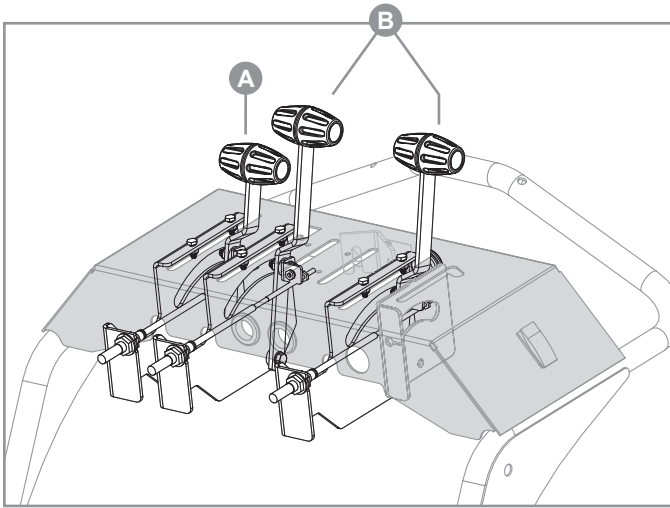
SECTION 1



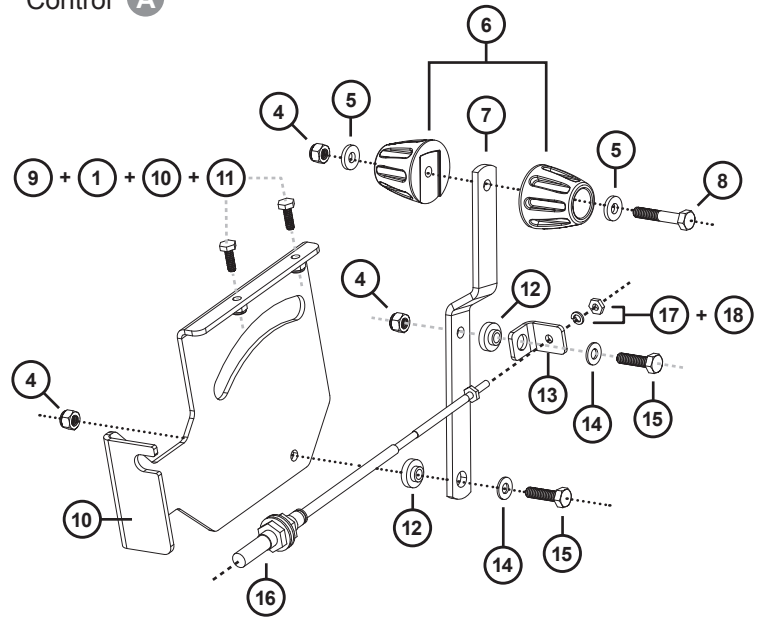
Item #	Name & Part No.	Qty.
1	Weldment Handle	
	1009120	1
2	Grommet, Rubber	
	1008800	6
3	Wire Harness	
	1017255	1

CONTROL ASSEMBLY

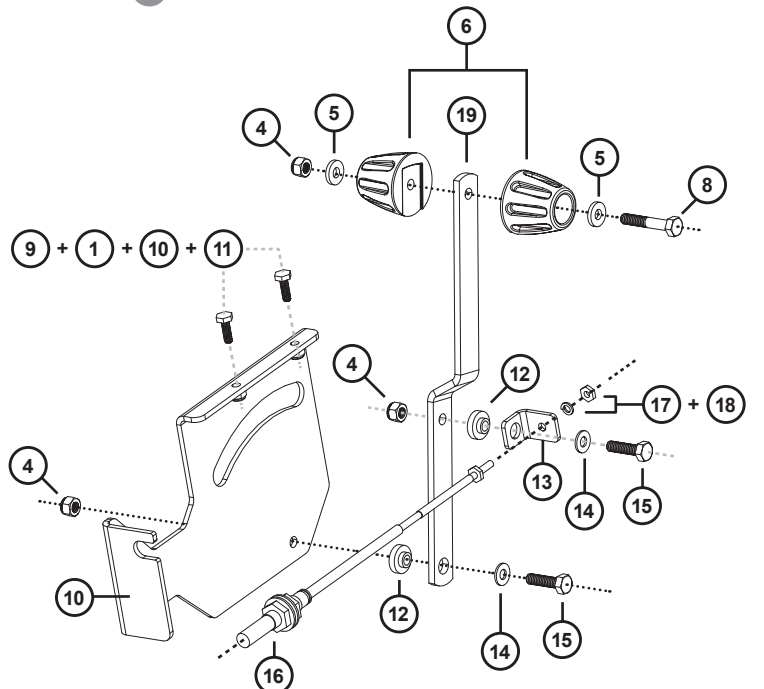
SECTION 2



Control A



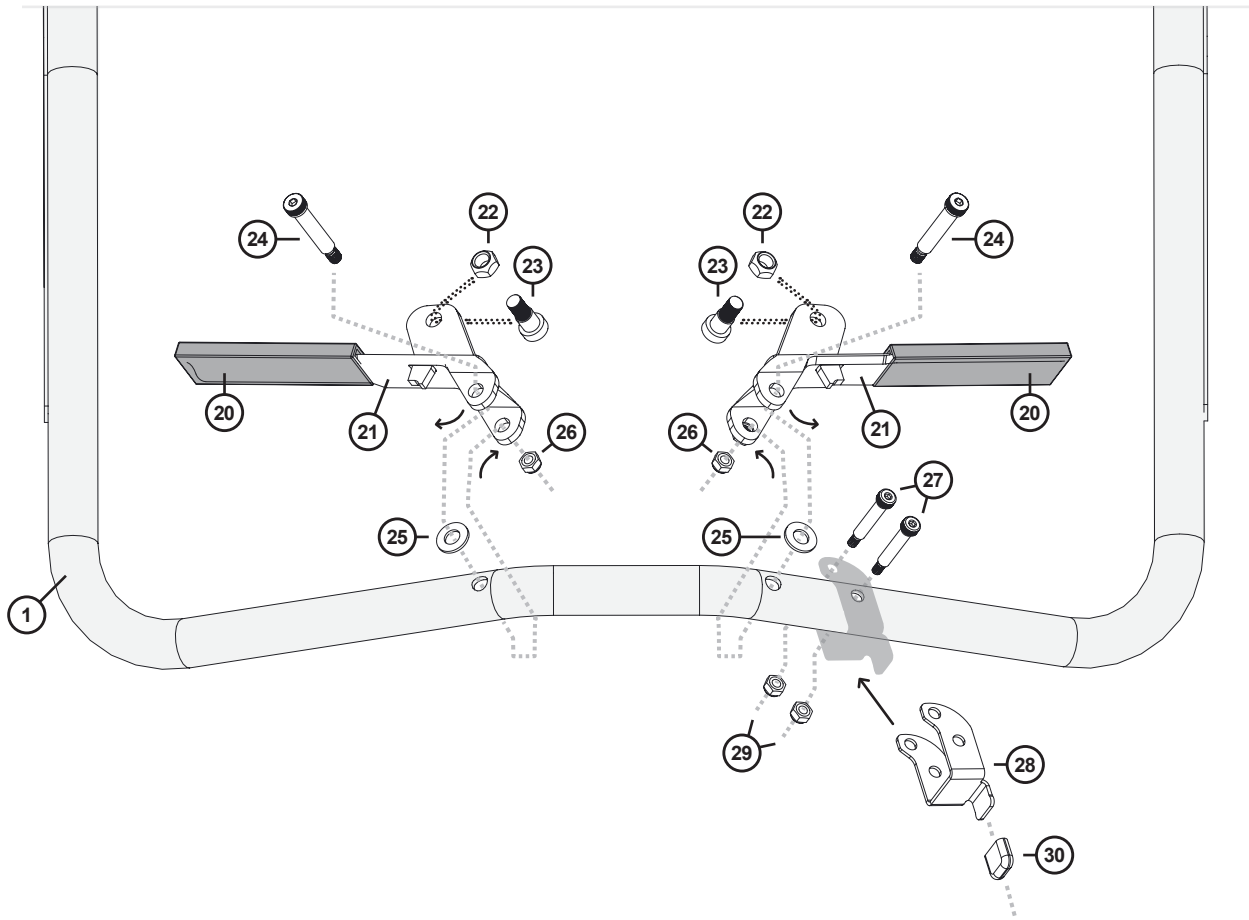
Control B



Item #	Name & Part No.	Qty.
4	Nylon Lock Nut, Stainless 1/4-20 1005198	37
5	Washer, Nylon 1001554	16
6	Knob, Handle 1007828	6
7	Short Lever 1009002-10	1
8	Hex Head Bolt, Stainless 1/4 x 1-1/2 1001262	7
9	Hex Head Bolt, Stainless #10 x 5/8 1001248	10
10	Bracket, Cable Handle 1009000-10	3
11	Nylon Lock Nut, Stainless #10-24 1001308	14
12	Bushing, Nylon Flange 1001533	8
13	Cable Linkage 1008708	4
14	Washer, Stainless 1/4" 1001351	17
15	Hex Head Screw, Stainless 1/4-20 x 1" 1001255	8
16	Cable 1009013	3
17	Lock Washer, Stainless #10 1007005	6
18	Nut, Stainless #10-32, 18-8 1009077	6
19	Long Lever 1009001-10	2

CONTROL ASSEMBLY

SECTION 3

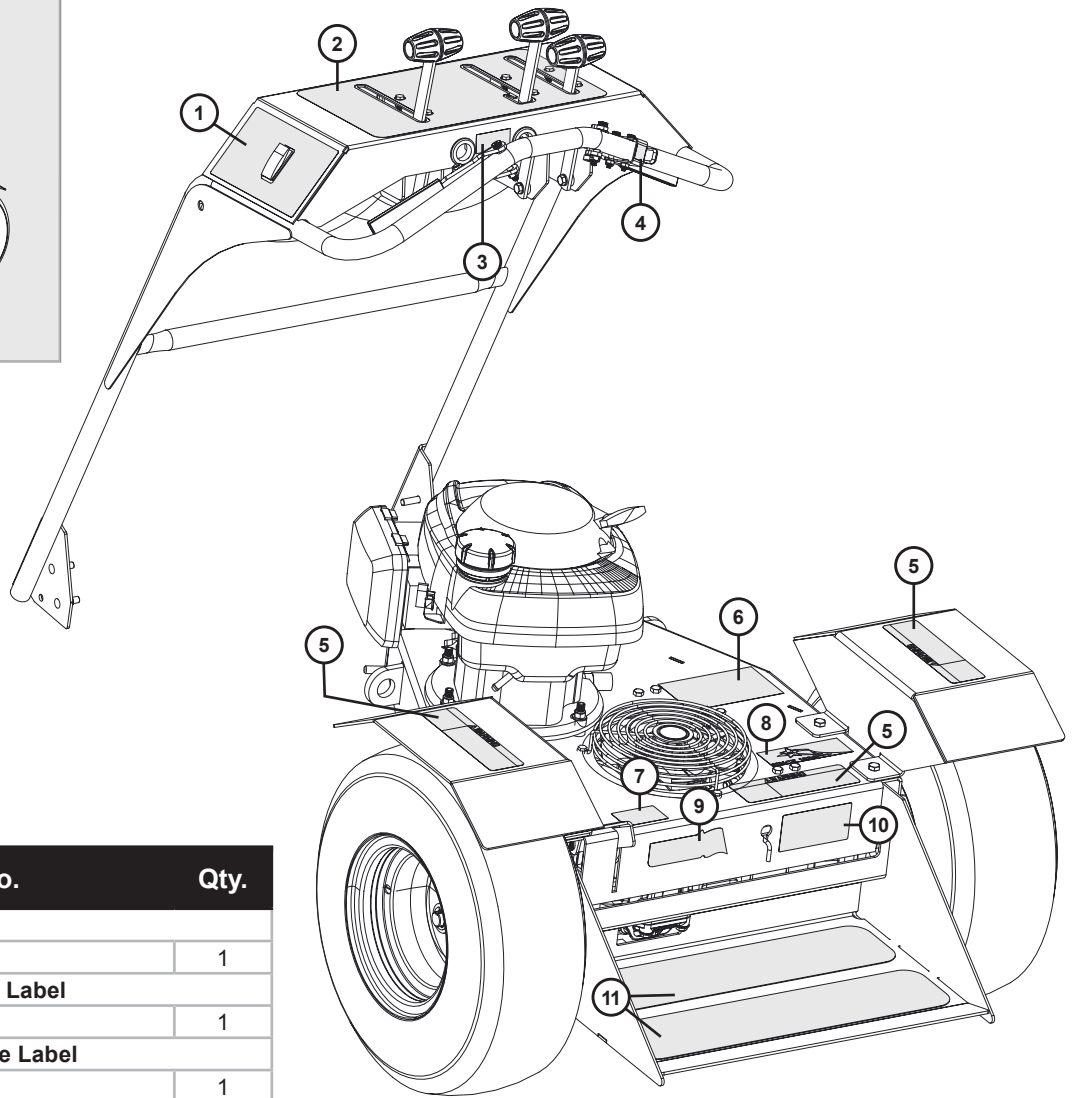


SECTION 3	Item #	Name & Part No.	Qty.
	20	Grip, Rectangular 1008831	2
	21	Lever Handle Weldment 1009015-10	2
	22	Nut, Lock 5/16" - 18 B-1674P	3
	23	Shoulder Bolt 3/8 x 3/8 x 5/16-18 1008833	2
	24	Shoulder Bolt 5/16 x 1.5 x 1/4-20 1008835	2
	25	Flat Washer 5/16 45M1111P	14

SECTION 3	Item #	Name & Part No.	Qty.
	26	Nut, Lock Center 1/4-20 1008841	2
	27	Shoulder Bolt 1/4 x 1.25 x 10-24 1008834	2
	28	Speed Control Lever 1008928-10	1
	29	Nylon Lock Nut, Stainless #10-24 1001308	14
	30	Grip, PCV Yellow 1008838	1

FRAME DECAL ASSEMBLY

SECTION 1



SECTION 1

Item #	Name & Part No.	Qty.
1	Start Label 1009121	1
2	Spreader Control Label 1009018	1
3	Forward / Reverse Label 1008861	1
4	Speed Control Label 1008866	1
5	Warning Label 1008867	3
6	Spyker Logo Decal 1008067	1
7	Parking Brake Label 1008864	1
8	USA Since 1839 Decal 1009165	1
9	USA Decal 1008862	1
10	Bypass Label 1017241	1
11	Grip Pad 1008807	2



WARRANTY

1 YEAR LIMITED WARRANTY

This is warranted to the original purchaser only. Spyker will replace parts with defects in materials and workmanship, for a period of one year from the date of purchase.

For Spyker Spreaders—a Brinly-Hardy Company, products employing metal gear systems, pinion and bevel, these metal gears, only, not inclusive of any other parts or materials, are warranted for the life of the spreader, not to be used for replacement or repair past original purchase.

Spyker Spreaders will not be liable for any loss, damage or expense including, but not limited to, consequential or incidental damages, arising from the operation, condition or use of the item. The sole and exclusive remedy against Spyker Spreaders being the replacement of the defective parts. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

This express warranty, which is applicable only to the original purchase, is in lieu of and excludes all other warranties, whether expressed or implied by operation of law or otherwise, including any warranty of merchantability or fitness for particular purpose.

SPYKER SPREADERS

Jeffersonville, IN 47130 USA

Phone: 800.972.6130