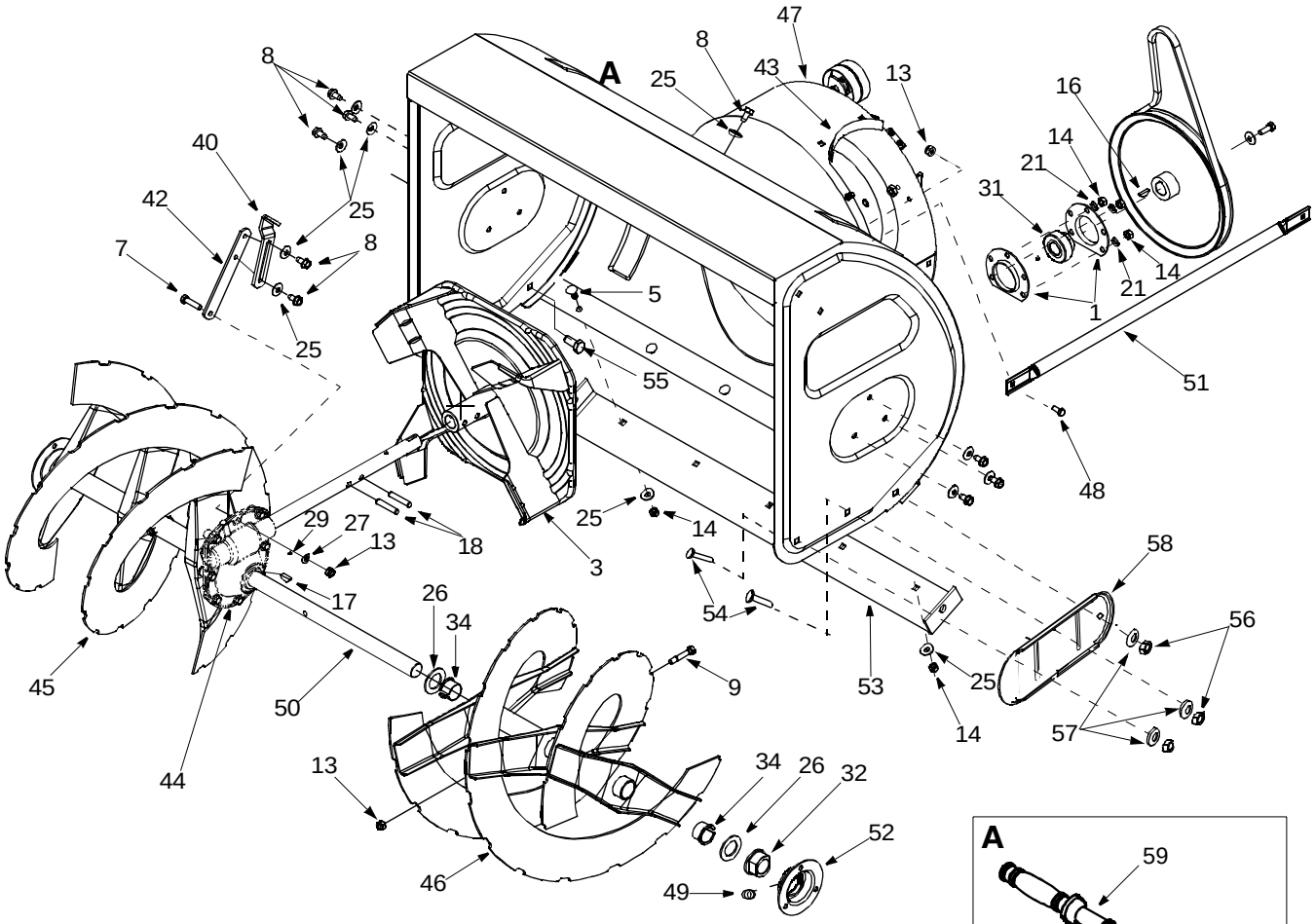
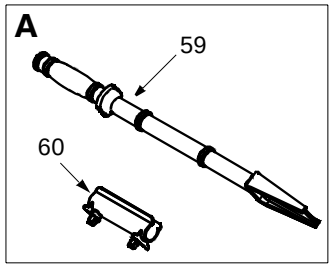
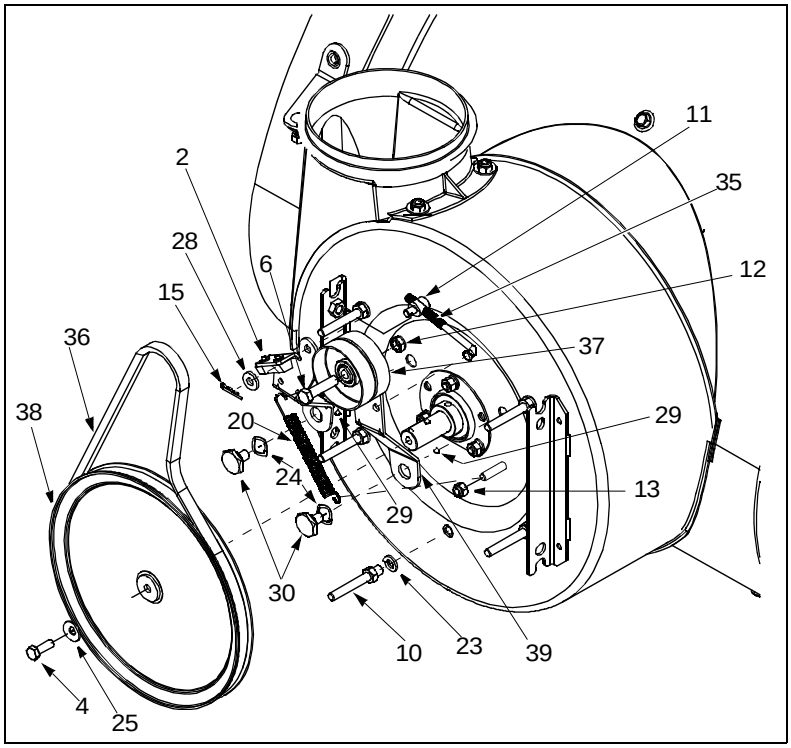
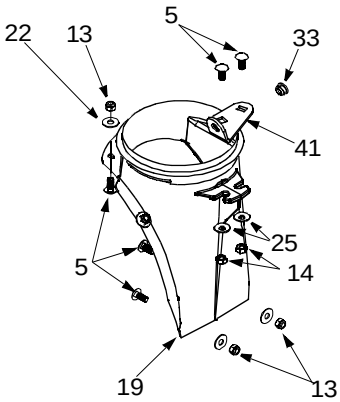
Model 993J


A
47
8
43
13
25
16
14
21
31
40
42
7
25
8
5
55
1
51
48
29
27
13
18
3
25
14
58
17
26
34
54
56
45
50
9
53
25
14
57
44
13
34
26
32
52
46
49


A
59
60

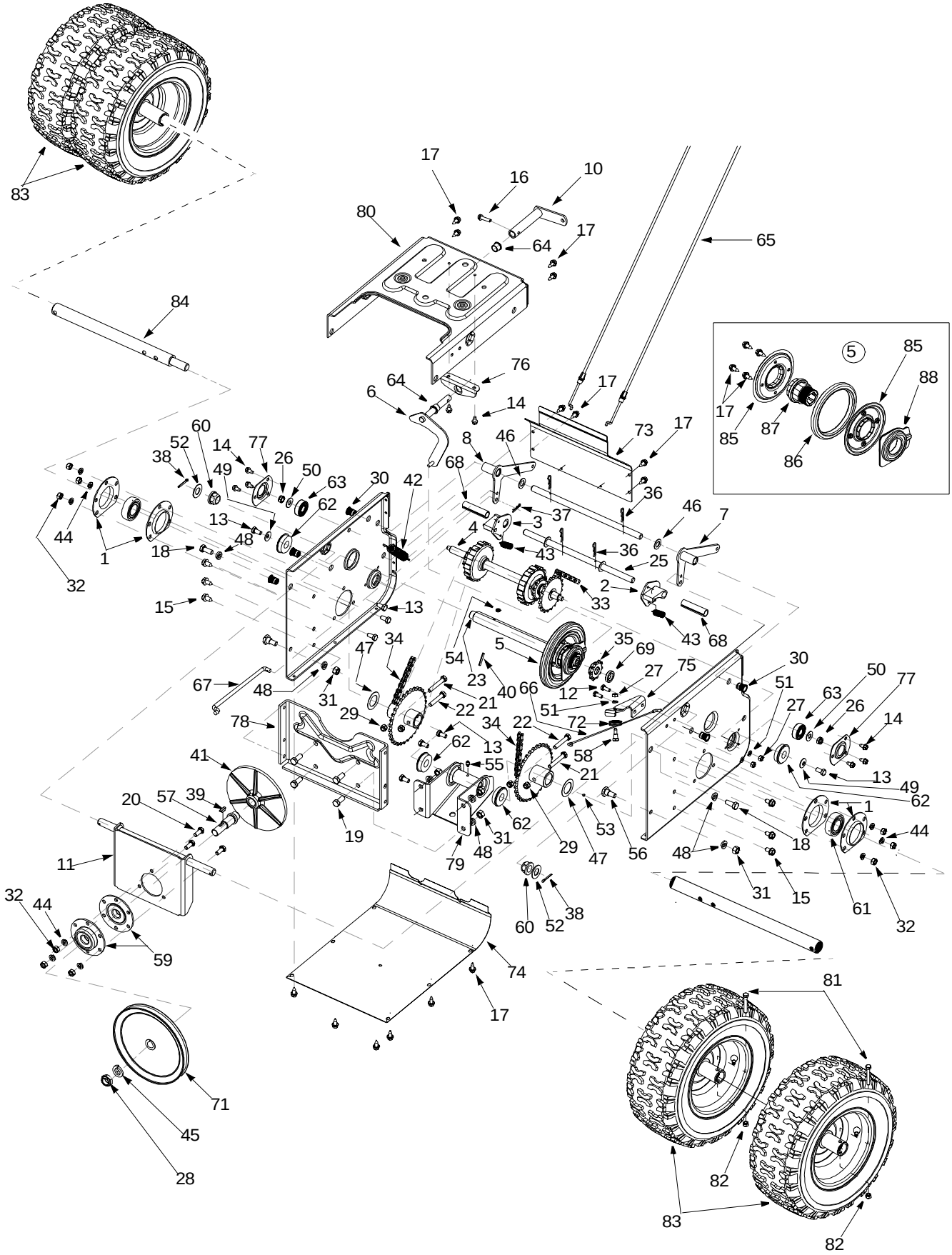

11
2
35
28
6
12
15
37
36
38
20
29
24
13
29
30
10
23
39
4
25


22
13
5
33
41
5
25
14
5
19
13

Model 993J

Ref. No.	Part No.	Part Description	Ref. No.	Part No.	Part Description
1.	05244A	Bearing Housing	32.	741-0192	Flange Bearing w/ Flats
2.	618-0281A	Bracket Assembly: Auger Break	33.	741-0475	Plastic Bushing
3.	684-0090A	Impeller Assembly: 16”	34.	741-0494	Flange Bushing
4.	710-0371	Hex Lock Bolt 5/16-18 x .875”	35.	747-0980	Idler Rod: Auger
5.	710-0451	Carriage Bolt 5/16-18 x .750”	36.	754-0222A	V-Belt
6.	710-0459A	Hex Screw, Special 3/8-24 x 1.5”	37.	756-0178	Flat Idler
7.	710-0528	Hex Screw 5/16-18 x 1.25”	38.	756-0243	Pulley
8.	710-0604A	Self-Tapp. Screw 5/16-18 x .625”	39.	784-0385A	Idler Bracket: Auger
9.	710-0891	Shear Bolt 5/16-18 x 1.75”	40.	784-5076	Support Bracket
10.	711-0640	Stud	41.	784-5123	Chute Crank Bracket
11.	711-0677	Ferrule	42.	784-5710	Support Plate
12.	712-0116	Jam Nut 3/8-24	43.	784-5711	Chute Bracket
13.	712-0429	Hex Lock Nut 5/16-18	44.	618-0436	Gear Assembly w/ Grease Fitting
14.	712-3010	Hex Nut 5/16-18	45.	684-0072	Spiral Assembly RH
15.	714-0104	Hairpin Clip	46.	684-0073	Spiral Assembly LH
16.	714-0126	Key	47.	684-0155A	Auger Housing Assembly
17.	714-0135	Key	48.	710-3008	Hex Screw 5/16-18 x .75”
18.	715-0118	Spiral Pin	49.	737-3000	Lube Fitting
19.	731-1696A	Chute Adapter	50.	738-0492	Spiral Axle
20.	732-0858	Extension Spring	51.	749-1117	Support Tube
21.	736-0119	Lock Washer	52.	05244A	Bearing Housing
22.	736-0159	5/16 Washer	53.	784-5696B	Shave Plate
23.	736-0169	Lock Washer	54.	710-0389	Carriage Screw
24.	736-0174	Wave Washer	55.	710-3168	Carriage Bolt
25.	736-0242	Beleville Washer	56.	712-0798	Hex Nut 3/8-16
26.	736-0250	Flat Washer	57.	736-0105	Bell Washer
27.	736-0271	Spring Washer	58.	784-5697	Skid Shoe
28.	736-3008	Flat Washer	59.	731-2643	Chute Clean-Out Tool
29.	737-0318	Grease	60.	731-2635	Tool Mount
30.	738-0281	Shoulder Screw	61.	725-0157	Cable Tie (not shown)
31.	741-04024	Self-Aligning Bearing			

Model 993J

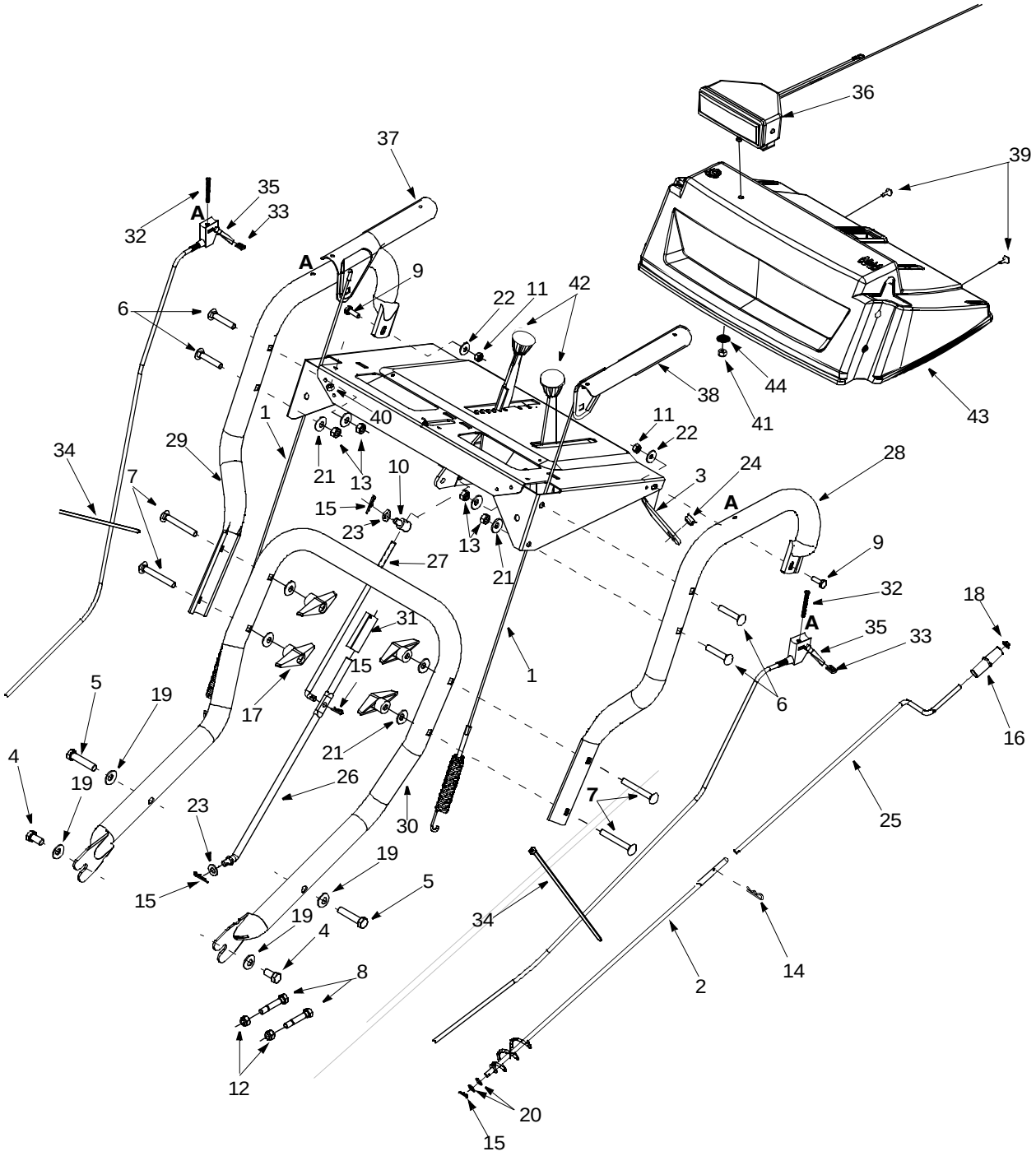

83
17
16
10
80
64
17
65
84
76
64
6
14
17
73
17
8
46
68
36
46
7
3
37
4
43
36
25
2
33
43
68
5
85
88
17
85
87
86
60
52
14
77
26
50
63
62
30
42
38
49
13
48
44
1
18
32
15
13
34
47
54
23
40
66
5
35
69
27
75
12
51
72
58
21
55
62
13
34
22
29
31
48
67
78
41
20
57
39
11
19
79
48
31
62
29
47
53
56
48
18
1
44
61
32
31
15
32
44
59
60
52
38
74
17
81
71
45
28
82
83
82

Model 993J

Ref. No.	Part No.	Part Description
1.	05244A	Bearing Housing
2.	618-0279	Dogg Assembly LH
3.	618-0280	Dogg Assembly RH
4.	618-0282D	Shift Assembly
5.	618-0296A	Friction Wheel Assembly*
6.	684-0117	Shift Rod Assembly
7.	684-0118	Actr. Bracket Assembly: Auger
8.	684-0119	Actr. Bracket Assembly: Drive
9.	684-0122	Sprocket Assembly 32T
10.	684-0161	Shift Arm Assembly
11.	684-0162	Support Bracket Assembly
12.	710-0195	Hex Screw 1/4-28 x .625”
13.	710-0538	Hex Screw 5/16-18 x .625”
14.	710-0599	TT Screw 1/4-20 x 0.5”
15.	710-0604A	TT Screw 5/16-18 x 0.625”
16.	710-0788	TT Screw 1/4-20 x 1.0”
17.	710-1652	TT Screw 1/4-20 x .625”
18.	710-1879	Hex Screw 3/8-16 x .880”
19.	710-3001	Hex Screw 3/8-16 x .880”
20.	710-3008	Hex Screw 5/16-18 x 0.75”
21.	710-3103	Hex Screw 5/16-18 x 2.0”
22.	710-3180	Hex Screw 5/16-18 x 1.75”
23.	711-1191	Drive Shaft
24.	711-1193	Actr. Shaft
25.	711-1194	Actr. Shaft: Drive
26.	712-0116	Jam Nut
27.	712-0138	Hex Nut 1/4-28
28.	712-0221	Jam Nut
29.	712-0429	Lock Nut
30.	712-0717	Nut Insert
31.	712-0798	Hex Nut 3/8-16
32.	712-3010	Hex Nut 5/16-18
33.	713-0284	Chain: Endless
34.	713-0286	Chain
35.	713-0413	Sprocket
36.	714-0101	Hairpin Clip
37.	714-0104	Hairpin Clip
38.	714-0115	Cotter Pin
39.	714-0388	Key
40.	715-0249	Spring Pin
41.	717-0302	Drive Plate
42.	732-0121	Extension spring
43.	732-0209	Extension Spring
44.	736-0119	Lock Washer 5/16
45.	736-0158	Lock Washer 5/8
46.	736-0160	Flat Washer .53 x .93 x .050
47.	736-0163	Flat Washer 1.030 x 1.620 x .030
48.	736-0217	Lock Washer
49.	736-0242	Bell Washer
50.	736-0300	Flat Washer .406 x .875 x .059
51.	736-0329	Lock Washer 1/4
52.	736-0623	Flat Washer .64 x 1.24 x .06
53.	737-0318	Grease
54.	737-04027	Lubricant
55.	737-3000	Lube Fitting: 3/16 Drive
56.	738-0143	Shoulder Screw
57.	738-0279	Spindle: drive Plate
58.	738-0924	C Screw 1/4-28 x .375”
59.	741-0163A	Bearing Housing
60.	741-0225	Hex Flange Bearing
61.	741-04025	Bearing: Self-Aligning
62.	741-0563	Ball Bearing
63.	741-0747	Ball Bearing
64.	741-0748	Flange Bushing
65.	746-0949A	Steering Cable
66.	746-0951	Idler Cable: Auger
67.	747-0973	Clutch Rod: Drive
68.	750-0903	Split Spacer
69.	750-0997	Spacer
70.	750-1302A	Spacer
71.	756-0344	Drive Pulley
72.	756-0625	Cable Roller
73.	784-0379	Frame Cover: Upper
74.	784-0380	Frame Cover: Lower
75.	784-0384	Auger Cable Bracket Guide
76.	784-0403	Shift Bracket
77.	784-0404	Retainer Bracket: Bearing
78.	784-0406	Support Bracket: Frame
79.	784-0407	Support Bracket: Axle Bearing
80.	790-00016	Frame
81.	710-3103	Hex Screw 5/16-18 x 2”
82.	712-0429	Lock Nut
83.	734-1593	Wheel
84.	738-1137	Axle: Wheel
85.	784-5617A	Friction Plate
86.	735-0243B	Friction Wheel Rubber
87.	718-0301A	Friction Wheel Hub
88.	618-0063A	Friction Wheel Bearing

* Items 17, 85, 86, 87, and 88 are part of this assembly. See inset box on page 21 for illustration of break-down.

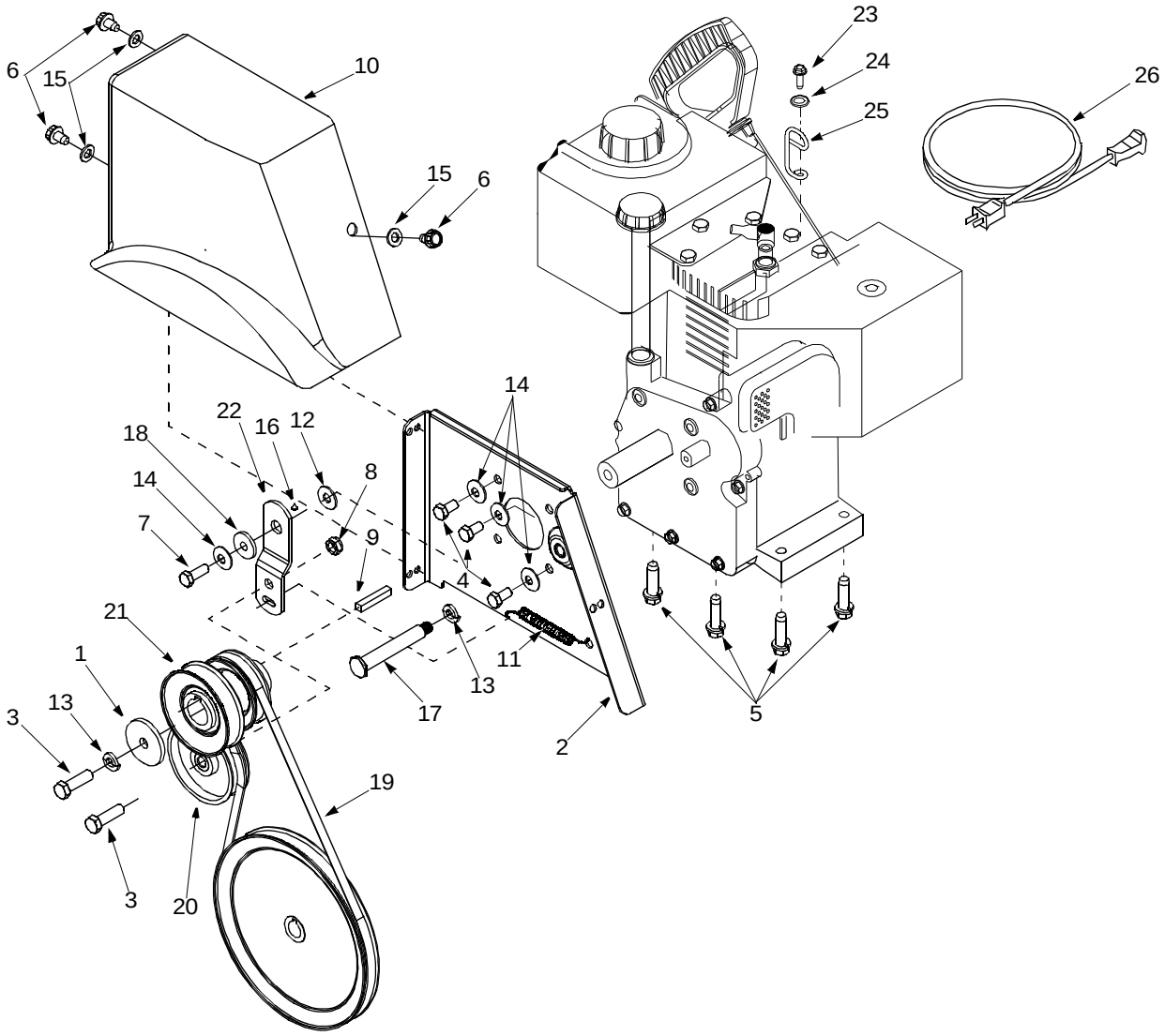
Model 993J


36
37
39
35
A
33
32
A
9
22
11
42
6
38
44
41
43
1
40
11
22
34
29
21
13
10
3
24
28
7
15
23
13
21
A
9
27
32
31
A
35
33
18
5
19
15
1
17
6
16
4
19
21
26
7
25
23
30
19
15
5
34
19
4
2
14
8
12
20
15

Model 993J

Ref. No.	Part No.	Part Description
1.	646-0012	Cable Assembly: Auger/Drive
2.	684-0053B	Chute Crank Assembly
3.	705-5266	Chute Crank Bracket
4.	710-1879	Hex Screw 3/8-16 x .880”
5.	710-1878	Hex Screw3/8-16 x 1.75”
6.	710-0458	Carriage Bolt 5/16-18 x 1.75”
7.	710-0572	Carriage Bolt 5/16-18 x 2.5”
8.	710-0891	Shear Bolt 5/16-18 x 1.75”
9.	710-3015	Hex Screw 1/4-20 x .75”
10.	711-0677	Ferrule
11.	712-0287	Hex Nut 1/4-20
12.	712-0429	Hex Lock Nut
13.	712-3010	Hex Nut
14.	714-0101	Hairpin Clip
15.	714-0104	Hairpin Clip
16.	720-0201A	Chute Crank Knob
17.	720-0284	Knob
18.	726-0100	Push Cap
19.	736-0105	Bell Washer
20.	736-0185	Flat Washer
21.	736-0242	Beleville Washer
22.	736-0270	Bell Washer
23.	736-0275	Flat Washer
24.	741-0475	Plastic Bushing
25.	747-0624	Chute Crank
26.	747-0983	Lower Shift Rod
27.	747-0997	Upper Shift Rod
28.	749-0989A	Upper Handle LH
29.	749-0990A	Upper Handle RH
30.	749-0991	Lower Handle
31.	750-0963	Clutch Rod Connector
32.	710-1625	Oval C-Sunk Screw
33.	712-0127	Flat Weld Nut
34.	725-0157	Cable Tie
35.	746-0950	Trigger Control
36.	625-0007	Light Assembly
	725-1658	Halogen Lamp
	725-1672	Lens Assembly
37.	705-5218	Handle Engagement RH
38.	705-5219	Handle Engagement LH
39.	710-1003	Special B Screw
40.	712-0271	Hex Sems Nut
41.	712-0429	Hex Lock Nut
42.	720-0232	Shift Knob
43.	684-0102	Handle Panel
44.	736-0159	5/16 Washer

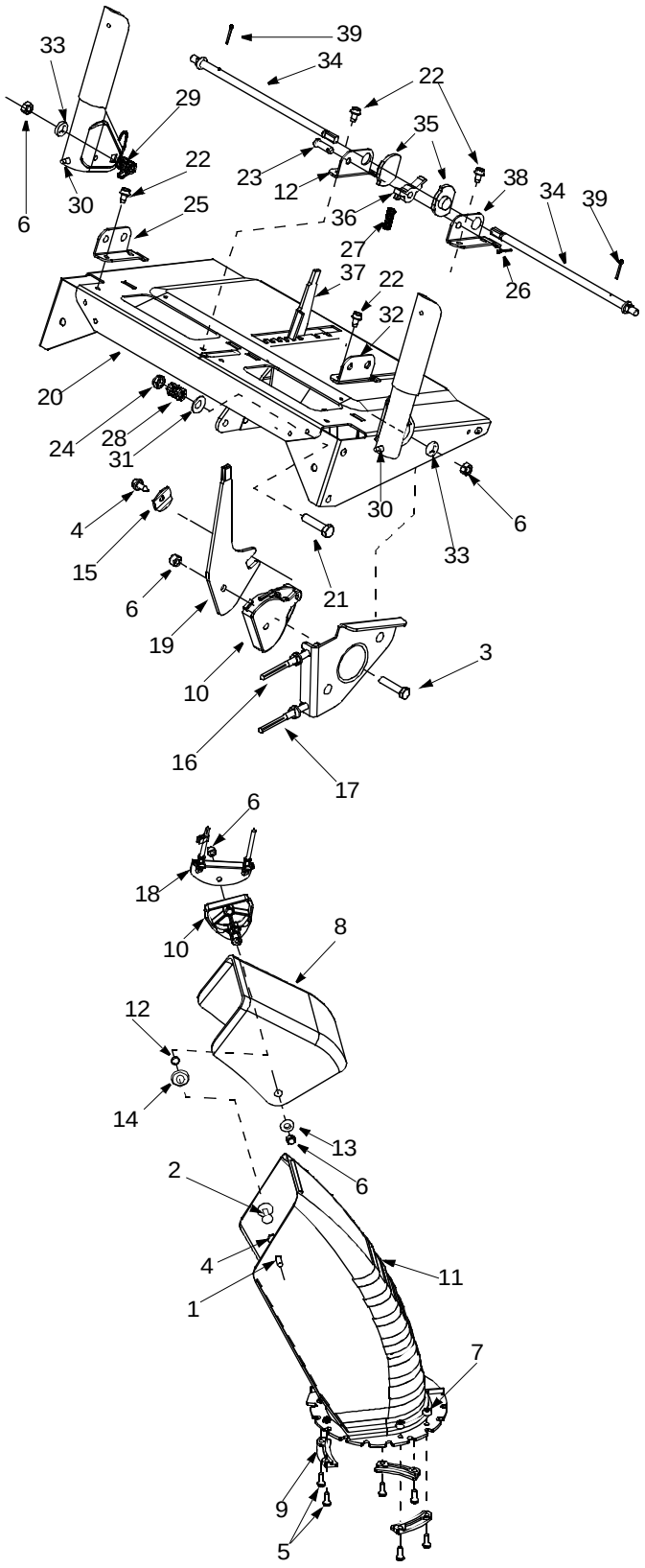
Model 993J


6
15
10
15
6
23
24
25
26
14
22
16
12
18
8
14
7
9
4
21
1
13
11
17
3
13
2
5
19
3
20

Model 993J

Ref. No.	Part No.	Description
1.	07386	Washer
2.	684-0123A	Belt Cover Bracket Assembly
3.	710-0191	Hex Screw 3/8-24 x 1.25”
4.	710-0237	Hex Screw 5/16-24 x .625”
5.	710-0502A	TT Sems Screw
6.	710-0607	TT Screw 5/16-18 x 0.5”
7.	710-1245	Hex Lock Screw 5/16-24 x .875”
8.	712-0116	Jam Nut
9.	714-0118	Key
10.	731-2531	Belt Cover
11.	732-0303	Extension Spring
12.	736-0159	5/16 Washer
13.	736-0217	Lock Washer
14.	736-0242	Beleville Washer
15.	736-0264	Flat Washer
16.	737-3007	Grease
17.	738-0215A	Shoulder Screw
18.	748-0234	Shoulder Spacer
19.	754-0131	V-Belt
20.	756-0240	Flat Idler
21.	756-0241B	Double Pulley
22.	784-5726	Idler Bracket
23.	712-0324	Hex Lock Nut: 1/4-20
24.	732-0705	Cable Guide
25.	736-0173	Flat Washer
26.	629-0071	Extension Cord: 110V, 3-prong

Model 993J



Ref. No.	Part No.	Description
1.	710-0276	Carriage Screw
2.	710-0458	Carriage Bolt 5/16-18 x 1.75”
3.	710-0805	Hex Bolt 5/16-18 x 1.5”
4.	710-0896	Hex AB Screw 1/4-14 x .625”
5.	710-3015	Hex Screw 1/4-20 x .75”
6.	712-0429	Hex Lock Nut
7.	712-3027	Hex Flange Lock Nut
8.	731-0846C	Upper Chute
9.	731-0851A	Chute Flange Keeper
10.	731-1313C	Cable Guide: Chute Tilt
11.	731-0903D	Lower Chute
12.	784-5680	Handle Suppt. Bracket 5/8 RH
13.	736-0159	5/16 Washer
14.	736-0231	Flat Washer
15.	736-0506	Special Washer
16.	746-0902	Chute Control Cable
17.	746-0903	Chute Cable w/Clip
18.	784-5594	Cable Bracket
19.	784-5604	Chute Tilt Handle
20.	684-0102	Handle Panel Assembly w/ Tilt
21.	710-0459A	Hex Bolt 3/8-24 x 1.5”
22.	710-0599	TT Screw 1/4-20 x 0.5”
23.	711-0653	Clevis Pin
24.	712-0116	Jam Nut
25.	784-5682	Handle Suppt. Bracket 3/8 RH
26.	714-0104	Cotter Pin
27.	732-0145	Spring
28.	732-0193	Spring
29.	732-0746	Torsion Spring
30.	735-0199A	Rubber Bumper
31.	736-0105	Bell Washer
32.	784-5681	Handle Suppt. Bracket 3/8 LH
33.	736-0509	Special Washer
34.	747-0877	Cam Rod
35.	748-0362	Cam: Handle Lock
36.	748-0363	Pawl: Handle Lock
37.	784-5619A	Shift Handle
38.	784-5679	Handle Suppt. Bracket 5/8 LH
39.	714-0507	Hairpin Clip