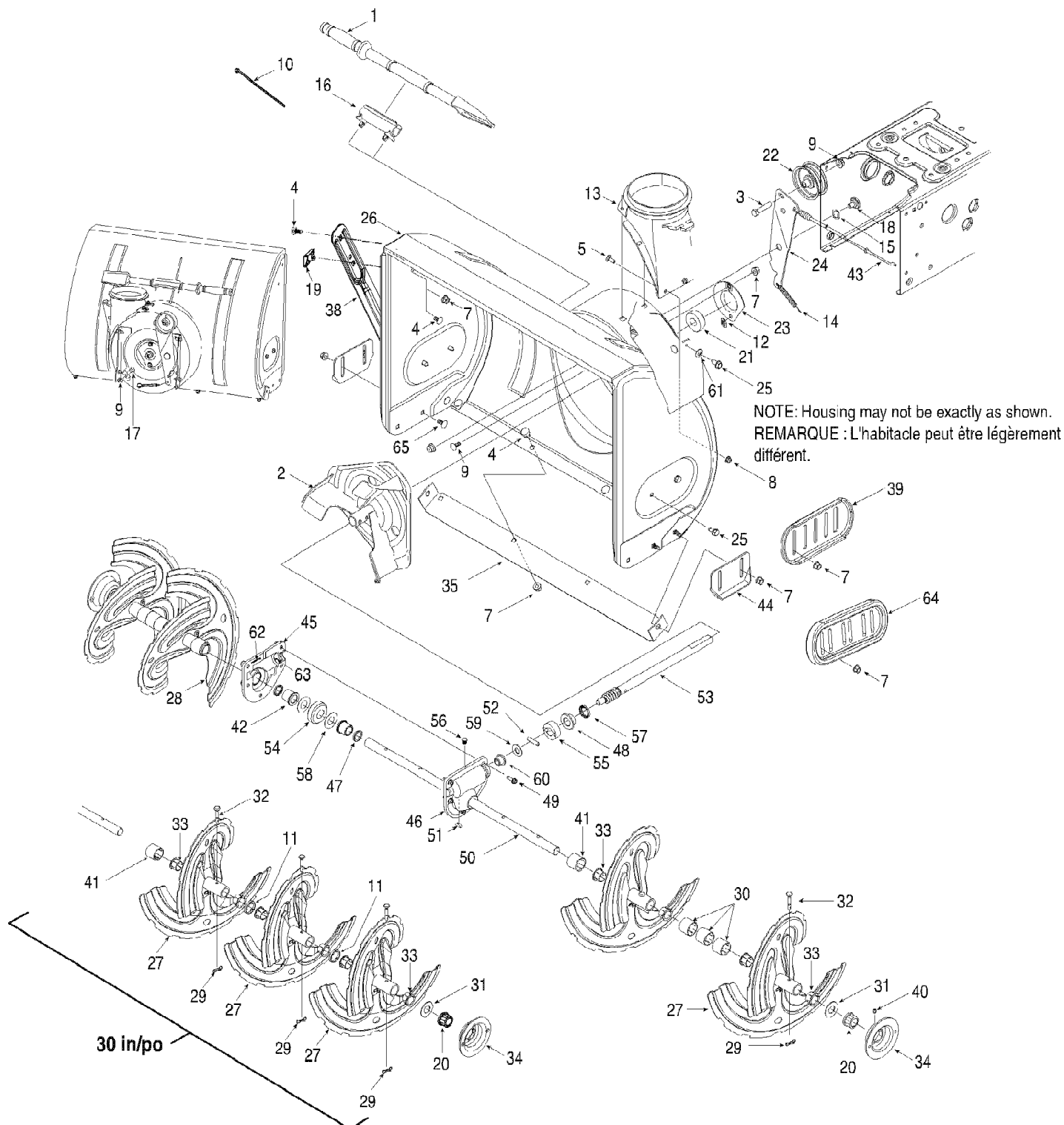


31AH6ZK4597 (2008)
Auger & Auger Housing

Page 1 of 16



31AH6ZK4597 (2008)
Auger & Auger Housing

Page 2 of 16

Ref #	Part Number	Qty	S/P/F	Description
1	731-2643	1	S	Clean-Out Tool
2	684-04057A	1	S	Impeller Ass'y 12 po
3	710-0347	1	/P	Hex Screw 3/8-16 x 1.75
4	710-0451	1	/P	Carriage Bolt 5/16-18 x .75
5	710-0703	1	/P	Carriage Screw 1/4-20 x .75 Gr. 5
7	712-04063	1	/P	Flange Locknut 5/16-18 Gr. F Nylon
8	712-04064	1	/P	Hex L-Flanged Nut 1/4-20 Gr. F Nylon
9	712-04065	1	/P	Hex L-Flanged Nut 3/8-16 Gr. F Nylon
10	725-0157	1	/P	Cable Tie
11	731-04871	1		Spacer 1.25 x .75 x 3/16" Lg.
12	726-04012	1	S	Push-on Nut .25 dia.
13	731-04705	1	S	Chute Adapter
14	732-04460	1		Extension Spring .38 OD x 4.59" Lg.
15	736-0174	1	/P	Wave Washer .660 ID x .88 OD x .010
16	731-2635	1		Cleanout Tool Mount
17	738-0143	1	/P	Shld. Scr. .500 Dia. x .335" Lg.
18	738-0281	1	S	Shoulder Scr .625 Dia x .170
19	720-0284	1	S	Hand Knob
20	741-0245	1	S	Hex. Flange Brg. .751" I.D.
21	741-0309	1	S	Self-aligning bearing
22	756-0981B	1	S	Flat Idler Pulley 2.75" OD
23	790-00075	1		Bearing Housing 1.85 ID
24	790-00080A	1	S	Auger Idler Brake Bracket
25	710-04484	1		Hex TT Screw 3/8-16 x .75
26	711-04071	1		Auger Axle Assembly, Auger, 26"
26	711-04272	1		Auger Axle Assembly, Auger, 28"
27	684-04107	1		Spiral Ass'y LH
28	684-04108	1		Spiral Ass'y RH
29	714-04040	1		Bow Tie Cotter Pin
30	731-04870	1	F	Spacers see footnote
31	736-0188	1	/P	Flat Washer .760 ID x 1.49 OD
32	738-04124A	1	/P	Shear Pin .25 x 1.5 Gr. 2
33	741-0493A	1	/P	Flange Bushing
34	790-00087A	1		Bushing Housing
34	790-00138A	1	S	Bushing Housing (w/grease fitting hole)
35	790-00121	1		Shave Plate, 26"
35	790-00118	1		Shave Plate, 28"
38	790-00181	1		Drift Cutter - Optional
39	790-00091	1		Reversible Slide Shoe (steel)
40	737-3000	1	S	Grease Fitting (optional)
41	731-04870	1		Spacer 1.25 x .75 x 1.00
42	741-0661A	1	/P	Flange Bearing .75 ID x 1.0 OD x .975
43	746-04230	1		Auger Clutch Cable
44	784-5580	1		Slide Shoe
45	719-04291	1	S	RH Reduced Auger Housing
46	719-04292	1	S	LH Reduced Auger Housing
47	721-0338	1	S	Oil Seal .75 x 1.0 x .125
48	741-0662	1		Flange Bearing .75 ID x 1.00 OD x .50
49	710-0642	1	/P	Thd Forming Scr. 1/4-20 x .75
50	618-04172A	1	S	Auger Gearbox Assembly, 26"
50	618-04173A	1	S	Auger Gearbox Assembly, 28"
51	714-0161	1	S	Hi Pro Key 3/16 x 5/8
52	715-04021	1		Flange Bearing .75 ID x 1.2

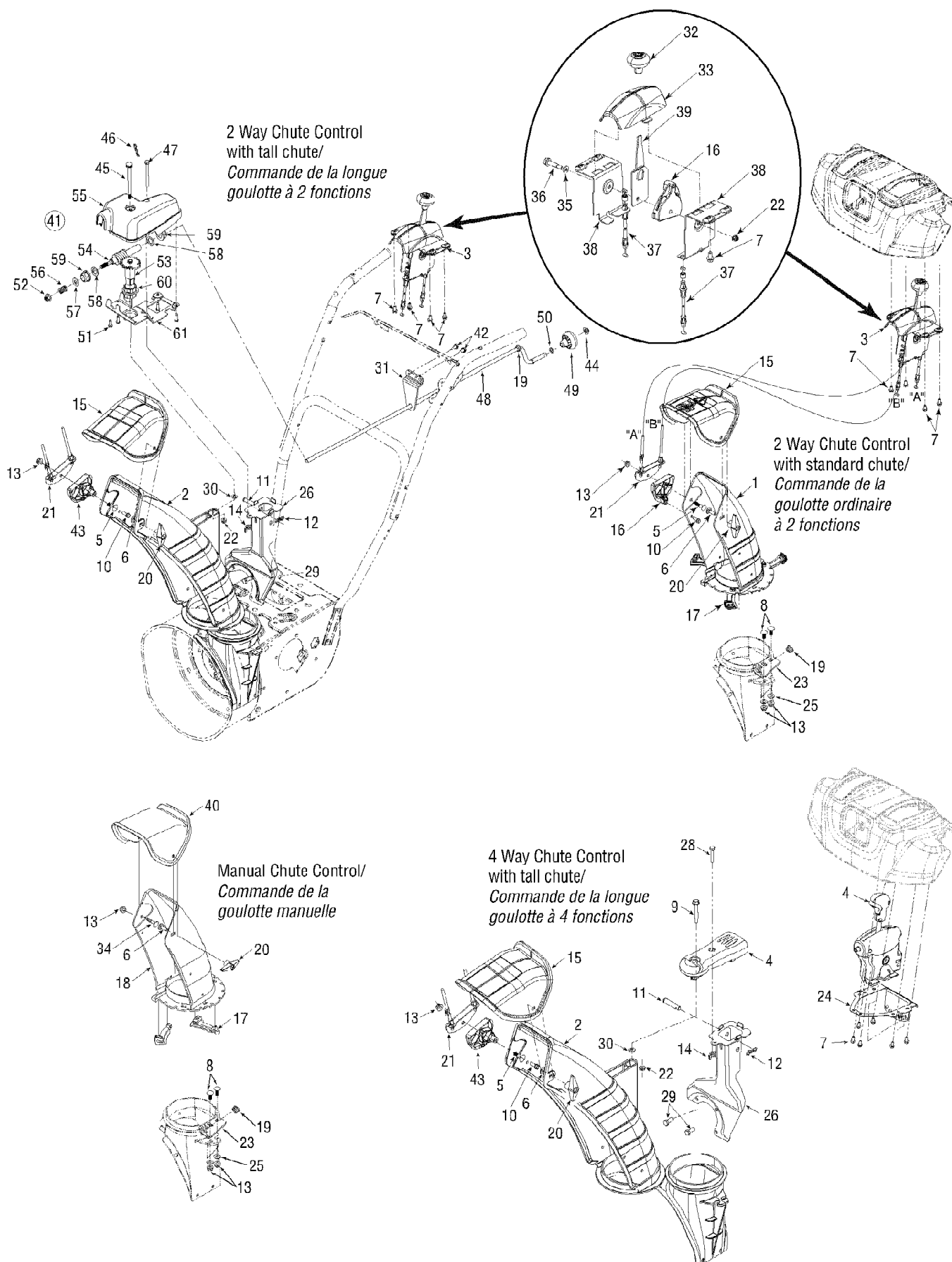
31AH6ZK4597 (2008)
Auger & Auger Housing

Page 3 of 16

Ref #	Part Number	Qty	S/P/F	Description
53	717-04126	1	S	Worm Shaft .75 OD
54	731-04449	1		Worm gear , 24" & 26"
54	731-0528A	1	S	Worm gear , 28" & 30"
55	718-04071	1		Thrust Collar
56	721-0325	1		Plug, 1/4 x .437
57	721-0327	1		Oil Seal .75 x 1 x .131
58	736-0351	1	S	Flat Washer .76 ID x 1.5 OD x .03
59	736-3084	1	/P	Fl. Washer .510 x 1.120 x .060
60	741-0663	1		Flange Bearing .75 ID x 1.0 OD x .925
61	736-0242	1	/P	Cupped Washer .345 ID x .88 OD x .060
62	721-0328	1		Loctite Sealant 5699
63	737-0168	1	S	Grease - Alvania EP Lead Free
64	731-05984	1	S	Reversible Slide Shoe (plastic)
65	710-0451	1	/P	Carriage Bolt 5/16-18 x .75 w/steel slide shoes
65	710-0276	1	/P	Carriage Bolt 5/16-18 x 1.0 w/plastic slide shoes

31AH6ZK4597 (2008)
Chute Controls Assembly

Page 4 of 16



31AH6ZK4597 (2008)
Chute Controls Assembly

Page 5 of 16

Ref #	Part Number	Qty	S/P/F	Description
1	631-04131B	1	/P	Lower Chute (2 Way)
2	731-06440	1	S	Tall Lower Chute
3	684-04325	1	S	2 Way Chute Control Assembly
4	684-04331	1	S	4 Way Chute Control Assembly
5	710-0262	1	/P	Carriage Bolt 5/16-18 x 1.50 Gr. 2
6	710-04071	1		Carriage Screw 5/16-18 x 1.0
7	710-04187	1	/P	Hi-Lo Screw 1/4-15 x .5
8	710-0276	1	/P	Carriage Bolt 5/16-18 x 1.00" Lg
9	738-04194	1		Shoulder Screw .312 x 1.7:1/4-20
10	710-0895	1		Hex Tapp Scr 1/4 x .75" Lg.
11	711-04469A	1		Clevis Pin 3/8 x 1.87
12	714-04040	1		Bow Tie Cotter Pin
13	712-04063	1	/P	Flange Locknut 5/16-18 Gr. F Nylon
14	712-3087	1	/P	Wing Nut 1/4-20
15	731-04425B	1		Upper Chute w/Export Label, Remote
16	731-1313C	1	/P	Cable Guide
17	731-04869	1	S	Chute Flange Keeper
18	731-04912B	1	/P	Lower Chute
19	741-0475	1	S	Plastic Bushing .380 ID
20	720-0284	1	S	Handle Knob Assembly
21	784-5594	1		Cable Bracket Chute Tilt
22	712-04064	1	/P	Hex L-Flanged Nut 1/4-20 Gr. F Nylon
23	784-5647	1	S	Chute Crank Brkt.
24	790-00131	1	S	Bracket: Chute Control
25	736-0159	1	S	Flat Washer .349 ID x .879 OD x .063
26	684-04311	1		Support Bracket
27	710-04187	1	/P	Hi-Lo Screw 1/4-15 x .50
28	710-0606	1	/P	Hex Hd. Cap Screw 1/4-20 x 1.5 Gr. 5
29	710-0627	1	/P	Hex Hd. Cap Screw 5/16-24 x .75
30	736-0463	1	S	Flat Washer .25 ID x .63 OD x .0515
31	790-00341	1		Support Rod Bracket
32	720-04039	1		Knob
33	731-05307	1		Control Cover - 2 Way
34	710-0451	1	/P	Carriage Bolt 5/16-18 x .75
35	736-0413	1	/P	Spring Washer .390 x .625 x .012
36	738-04185	1		Flg Shlder Screw .310 x .995: 1/4-20
37	746-04238	1	S	Cable - w/standard chute
37	746-04527	1	S	Cable - w/tall chute
38	790-00200	1		Mounting Bracket - 2 Way
39	790-00210A	1		Lever - 2 Way
40	731-04354B	1	/P	Upper Chute
41	618-04748	1	S	Gearbox Assembly
42	710-1652	1	/P	Hex Wash Hd TT Scr. 1/4-20 x .625
43	731-06451	1		Cable Guide
44	726-0100	1	S	Push Nut 3/8" Rod
45	738-04367	1		Flg. Shoulder Screw .312 x 3.5: 1/4-20
46	714-0101	1	S	Internal Cotter Pin
47	710-04370	1		Hex. Hd. Cap Scr. 1/4-20 x 3.0 Gr. 5
48	747-05006	1	S	Chute Crank .375 Dia. x 30.5" Lg.
49	720-04102	1		Knob
50	736-0140	1	S	Flat Washer .385 x .62 x .063
51	710-04373A	1		Hi-Lo Screw #12-16 x .75
52	712-04065	1	/P	Flange Locknut 3/8-16 Gr. F Nylon

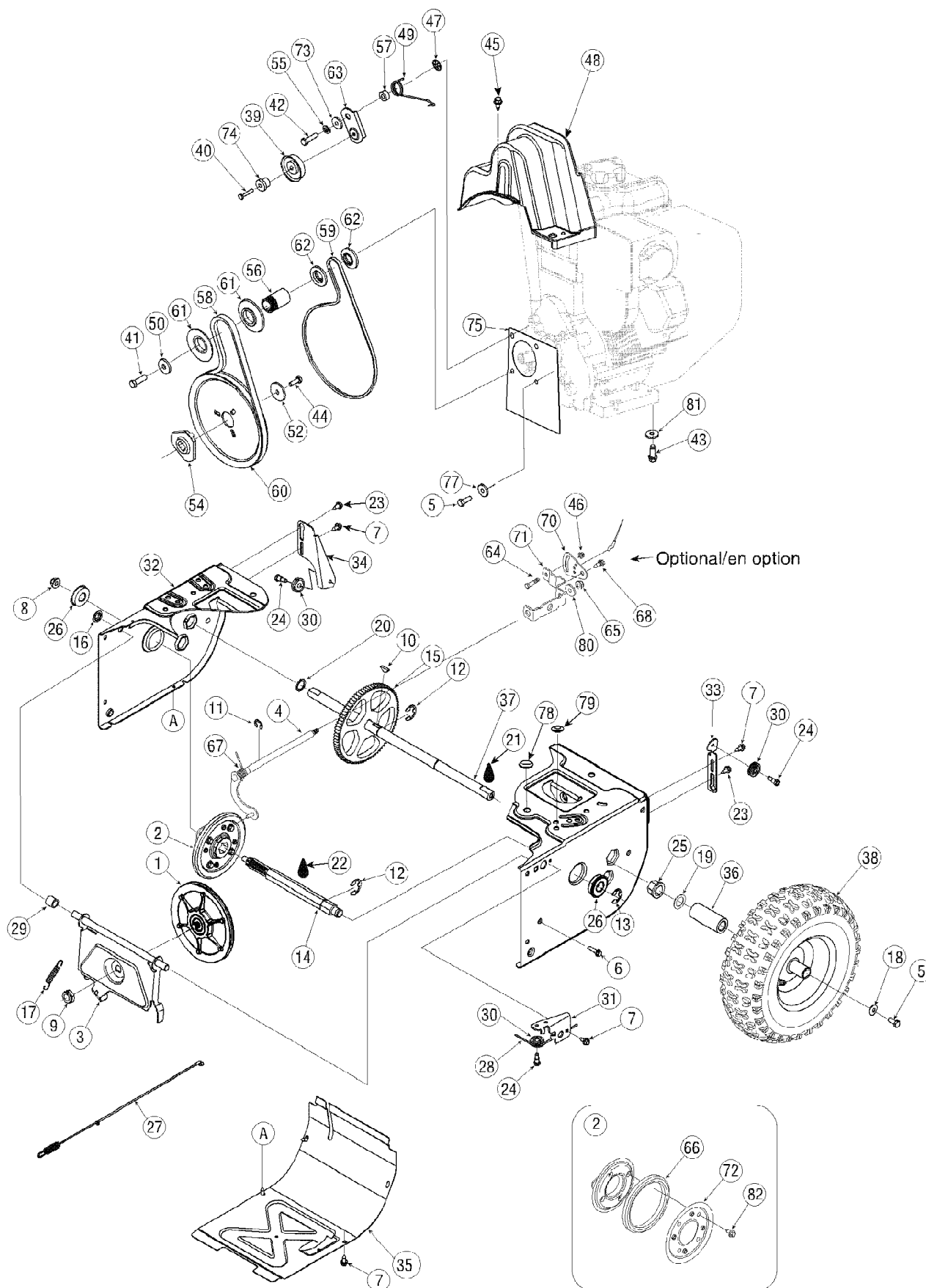
31AH6ZK4597 (2008)
Chute Controls Assembly

Page 6 of 16

Ref #	Part Number	Qty	S/P/F	Description
53	684-04336	1	S	Gear 23 teeth helical w/hub
54	717-04636	1	S	Worm Shaft
55	731-06618	1		Cover
56	732-0193	1	/P	Compression Spring .39 x .60 x .88
57	736-0267	1	S	Flat Washer .385 x .87 x .06
58	736-0290	1	/P	Flat Washer .625 x 1.0 x .067
59	741-0225	1	S	Hex Flg. Bearing
60	741-04354	1		Hex Bearing
61	790-00342	1	S	Chute Gear Rotation Bracket

31AH6ZK4597 (2008)
Drive Assembly

Page 7 of 16



31AH6ZK4597 (2008)
Drive Assembly

Page 8 of 16

Ref #	Part Number	Qty	S/P/F	Description
1	656-04025A	1	/P	Friction Wheel Disc Assembly
2	684-04153	1		Friction Wheel Ass'y, Bearing 5.5 OD
3	684-04154	1	S	Friction Wheel Support Brkt Ass'y
4	684-04156A	1		Shift Rod Ass'y
5	710-0627	1	/P	Hex L-Bolt 5/16-24 x .75 Gr. 5
6	710-0788	1	/P	Hex Bolt 1/4-20 x 1.00
7	710-1652	1	/P	Hex Wash Hd TT Scr. 1/4-20 x .625
8	712-04065	1	/P	Flange Lock-Nut 3/8-16 Gr. F Nylon
9	712-0417A	1	/P	Jam L-Nut 5/8-18
10	714-0126	1	S	#9 HI-Pro Key 3/16 x 3/4 Dia HT
11	716-0104	1	S	Retaining Ring
12	716-0136	1		Retainer Ring
13	716-0231	1	S	"E" Ring
14	717-04209A	1	S	Hex Shaft .8125 - 7 tooth
15	717-04230	1	S	Gear - 80 Tooth
16	726-0221	1	/P	Cap Speed Nut 1/4 Rod
17	732-0264	1	S	Extension Spring 3/8 OD x 2.50
18	736-0242	1	/P	Cupped Washer .345 ID x .88 OD x .060
19	736-0287	1	S	Flat Washer .79 ID x 1.25 OD x .06
20	736-04161	1		Flat Washer .75 x 1.00 x .06
21	737-0288	1		Grease
22	737-04166	1		Rust Preventative Oil
23	738-04184A	1		Shoulder Screw .373 x .105:TT 1/4-20
24	738-0924A	1	/P	Hex Shld.Scr.1/4-28 x .375
25	741-0245	1	S	Hex. Flange Bearing.751" ID
26	741-0563	1	S	Ball Bearing w/snap ring
27	746-04229	1		Drive Clutch Cable 44.83" Lg.
28	746-04230	1		Auger Clutch Cable 47.23" Lg.
29	748-0190	1	/P	Spacer .513 ID x 1.0
30	756-0625	1		Cable Guide Roller
31	790-00096	1	S	Auger Cable Guide Bracket
32	790-00180A	1		Frame
33	790-00206A	1	S	Guide Bracket - Auger Cable
34	790-00207B	1		Guide Bracket - Drive Cable
35	790-00316	1		Frame Cover
36	731-04873	1		Spacer
37	738-04168	1	S	Axle .75 X 22" Lg.
38	634-04145	1		Wheel Assembly 16 x 4.8 x 8 LH X-Trac
38	634-04146	1		Wheel Assembly 16 x 4.8 x 8 RH X-Trac
38	634-2038	1		Tire 16 x 4.8 Not shown
38	634-04173	1		Rim 16 x 4.8 Not shown
39	684-04169	1		Idler Pulley Assembly 1.917 OD
40	710-0809	1		Hex Screw 1/4-20 x 1.25
41	710-0191	1	/P	Hex Screw 3/8-24 x 1.25
42	710-0672	1	/P	Hex Hd Cap Scr. 5/16-24 x 1.25 Gr. 5
43	710-0654A	1	/P	Hex Wash HD Tap Scr 3/8-16 x .88
44	710-1245B	1	/P	Hex Bolt 5/16-24 x 0.875
45	710-1652	1	/P	Hex Wash Hd TT Scr. 1/4-20 x .625
46	712-04064	1	/P	Hex L-Flanged Nut 1/4-20 Gr. F Nylon
47	726-04012	1	S	Push Nut
48	731-04792A	1	/P	Belt Cover
48	731-05353	1		Belt Cover (w/4 way chute control)
49	732-04308A	1	/P	Auger Cable Guide Bracket .850 ID x .354" Lg.

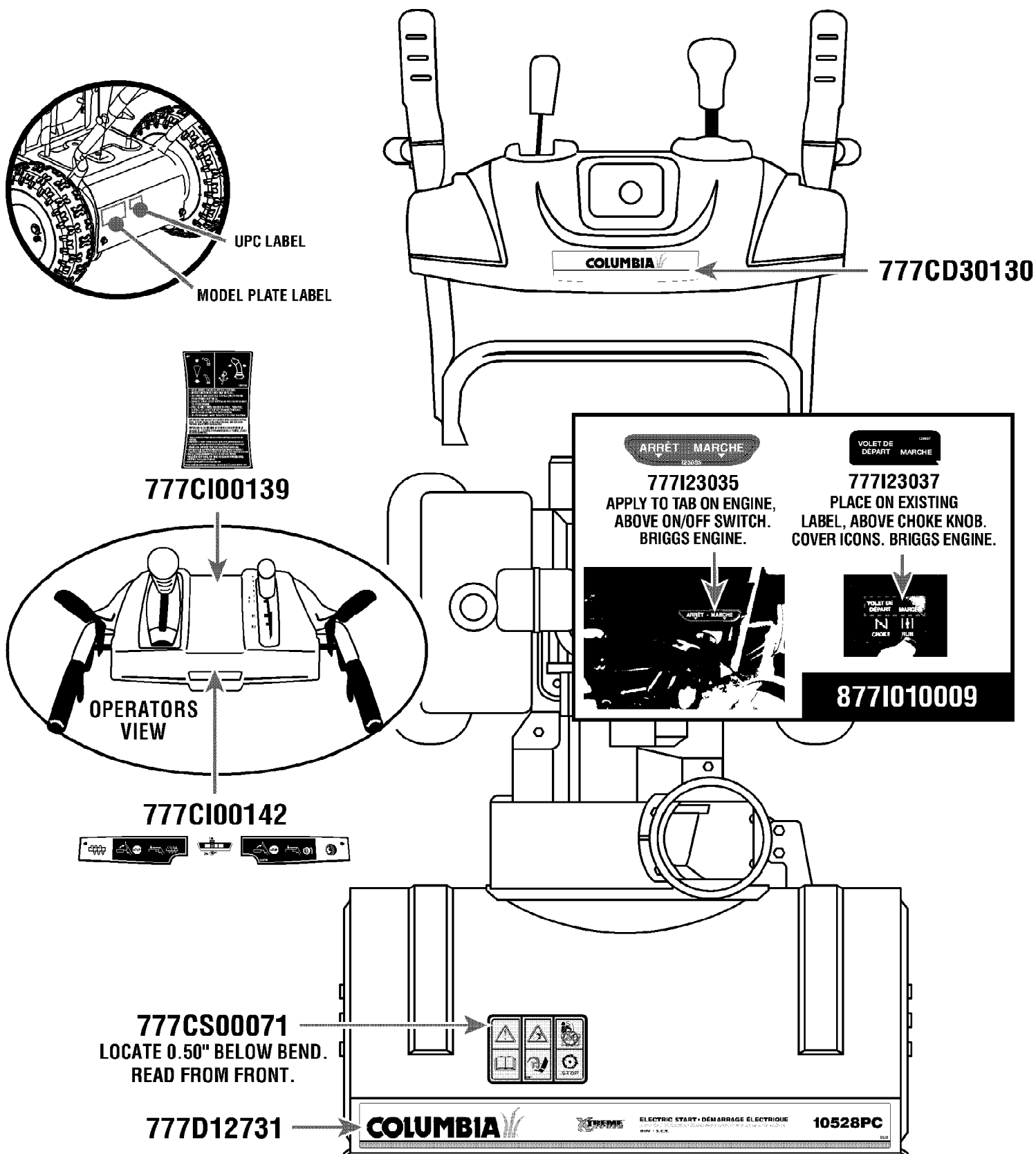
31AH6ZK4597 (2008)
Drive Assembly

Page 9 of 16

Ref #	Part Number	Qty	S/P/F	Description
50	736-0247	1	/P	Flat Washer .40 ID x 1.25 OD x .160
51	736-0264	1	S	Flat Washer .330 ID x .630 OD x .0635 with MTD Engine Only
52	736-0505	1		Flat Washer .34 x 1.50 x .150
53	737-0318	1	S	Grease:Arctic:EP NLGI 1-58F
54	748-04053	1	S	Pulley Adapter
55	736-0119	1	S	Lockwasher 5/16
56	750-04303	1		Spacer .875 ID x 1.185 OD
57	750-04477A	1		Spacer .340 x .750 x .360" Lg.
58	754-04050	1	S	Belt .5 x 35.0" Lg.
59	754-0367	1	S	Belt 34.4" Lg.
60	756-04109	1		Auger Pulley
61	756-04113	1		Pulley Half
62	756-04252	1		Pulley Half 3/8 V x 1.71 OD
63	790-00208C	1	/P	Wheel Drive Idler Bracket
64	710-0751	1	/P	Hex Bolt 1/4-20 x .62 Gr. 5
65	712-04063	1	/P	Flange Locknut 5/16-18 Gr. F, Nylon
66	735-04054	1	S	Friction Wheel Rubber
67	732-04311	1		Torsion Spring .750 ID x .968" Lg.
68	738-04184A	1		Shoulder Screw .373 x .105:TT 1/4-20
69	710-04022	1		Hex. Hd. Cap Scr. M8-1.25:20 Gr. 8 with Engine Only
70	790-00217A	1	S	Pivot Bracket
71	790-00218A	1	S	Shift Bracket
72	790-00174	1		Friction Plate
73	748-04112B	1	/P	Shld. Spacer .3175 x .5 x .1025
74	750-04571	1		Spacer
75	790-00289A	1	S	Cover Plate (optional)
76	732-0705	1		Cable Control Wire
77	748-0234	1	/P	Shoulder Spacer
78	735-04100	1		Plug 1/2"
79	735-04099	1		Plug 3/8"
80	736-3015	1	S	Flat Washer .469 x .875 x .105
81	736-0320	1	/P	Flat Washer .38 x 1.38 x .125 (Rear left hole)
82	710-0896	1	/P	Hex Wash. Hd. TT Scr. 1/4-14 x .625

31AH6ZK4597 (2008)
Label Map

Page 10 of 16



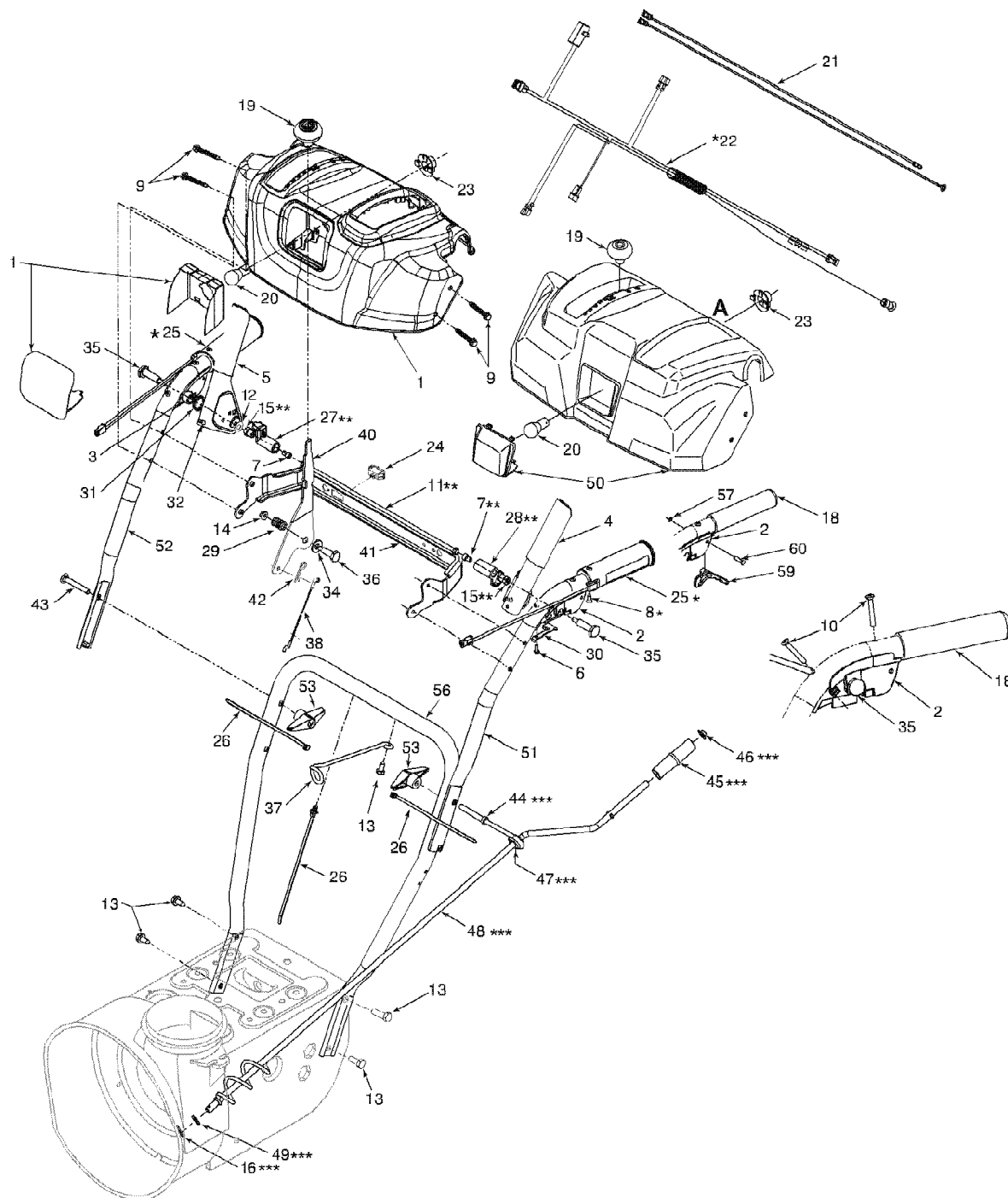
31AH6ZK4597 (2008)
Label Map

Page 11 of 16

Ref #	Part Number	Qty	S/P/F	Description
777CI00139	777CI00139	1		LABEL-SNOW:CNTRLPNL:STY 0:2-WAY 28-Inch Only
777CI00139	777S33143	1		LABEL-SNOW:CNTRL PNL K/P:2-W:CDN 26-Inch Only
777CI00142	777CI00142	1		LABEL-SNOW:CNTRLPNL:STY0:NON-STR
777CS00071	777CS00071	1		LABEL-DANGER AUGER
777D12731	777D12731	1		LABEL-SNOW:HSG:6ZK4:28:597 28-Inch Only
777D12731	777D12730	1		LABEL-SNOW:HSG:6WK3:26:597 26-Inch Only, Not shown
777I23035	777I23035	1		LABEL-SNOW:B&S ENG:ON/OFF:FRN:CDN
777I23037	777I23037	1		LABEL-SNOW:B&S EN:CHK/RUN:FRN:CDN
777CD30130	777CD30130	1		LABEL-SNOW:HNDLPNL:STY 0

31AH6ZK4597 (2008)
Panel K Style Assembly

Page 12 of 16



31AH6ZK4597 (2008)
Panel K Style Assembly

Page 13 of 16

Ref #	Part Number	Qty	S/P/F	Description
1	631-04180	1	/P	Handle Panel Ass'y - Yellow
1	631-04185	1	/P	Handle Panel Ass'y - Black
1	631-04183	1	S	Handle Panel Ass'y-Black w/Chute Control
2	631-04133A	1	/P	LH Clutch Lock Handle Ass'y
3	631-04134B	1		RH Clutch Lock Handle Ass'y
4	684-04105B	1	/P	Engagement Handle Assembly LH
5	684-04106B	1	/P	Engagement Handle Assembly RH
6	710-04326	1		Screw #8-16 x .50
7	710-3069	1	/P	Hex Cap Socket Screw 1/4-20 x .5
8	710-0837	1		Oval HD C-Sunk Scr #10 x 5/8
9	710-04586	1		Hex TT-Tap Scr 1/4-20 x 1.625
10	710-1233	1	/P	Oval C-Sunk Hd Screw 10-24 x 1.375
11	684-04250	1	/P	Pivot Rod
13	710-04484	1		Hex TT Screw 3/8-16 x .75
14	712-04064	1	/P	Hex L-Flanged Nut 1/4-20 Gr. F Nylon
15	712-04081A	1		Hex Shoulder Nut 1/4-20 with auger control lock
15	712-04064	1	/P	Hex L-Flg Nut 1/4-20 Gr. F Nylon without auger control lock
16	714-0104	1	S	Int. Cotter Pin .072 x 1.13" Lg.
18	720-0274	1	/P	Grip
19	720-04039	1		Shift Knob
19	720-04045	1		Shift Knob - Yellow
20	725-04213	1	S	Lamp #1295
21	725-04314	1		Wire Harness
21	625-04054	1		Wire Harness (w/sq. alternator connector)
22	725-04216A	1		Heated Grip Wire Harness
23	725-1649	1	S	Socket
24	725-04393	1		Switch
25	725-1757	1		Heated Grip
26	726-0154	1	S	Cable Tie (w/plug)
26	725-0157	1	/P	Cable Tie (w/heated grips)
27	731-04894D	1	/P	Lock Plate with auger control lock
28	731-04896B	1	/P	Clutch Lock Cam with auger control lock
29	732-0193	1	/P	Compression Spring .38 ID x .88 Lg
30	732-04219C	1	/P	Spring: Clutch Lock
31	732-04238	1		Torsion Spring .8156 x .3038
32	735-0199A	1	S	Rubber Bumper
34	736-0267	1	S	Flat Washer .38 ID x .87 OD x .09
35	738-04348	1	/P	Shoulder Screw .437 x 1.345: 1/4-20
36	738-04125	1		Shoulder Screw .374 Dia. x 1.05 Lg.
37	747-04784	1		Cable Guide (W/B&S engine)
38	746-04396	1	S	Selector Speed Cable
40	790-00311	1	S	Shift Lever
41	790-00248B	1	S	Panel Support
42	714-0145	1	S	Cotter Pin
43	710-0449	1	S	Carriage Bolt 5/16-18 x 2.25
44	747-04263	1		Chute Crank Eye Bolt Special with manual chute crank
45	720-0201A	1	/P	Knob 1.0 x 3.2 with manual chute crank
46	726-0100	1	S	Push Nut 3/8" Rod with manual chute crank

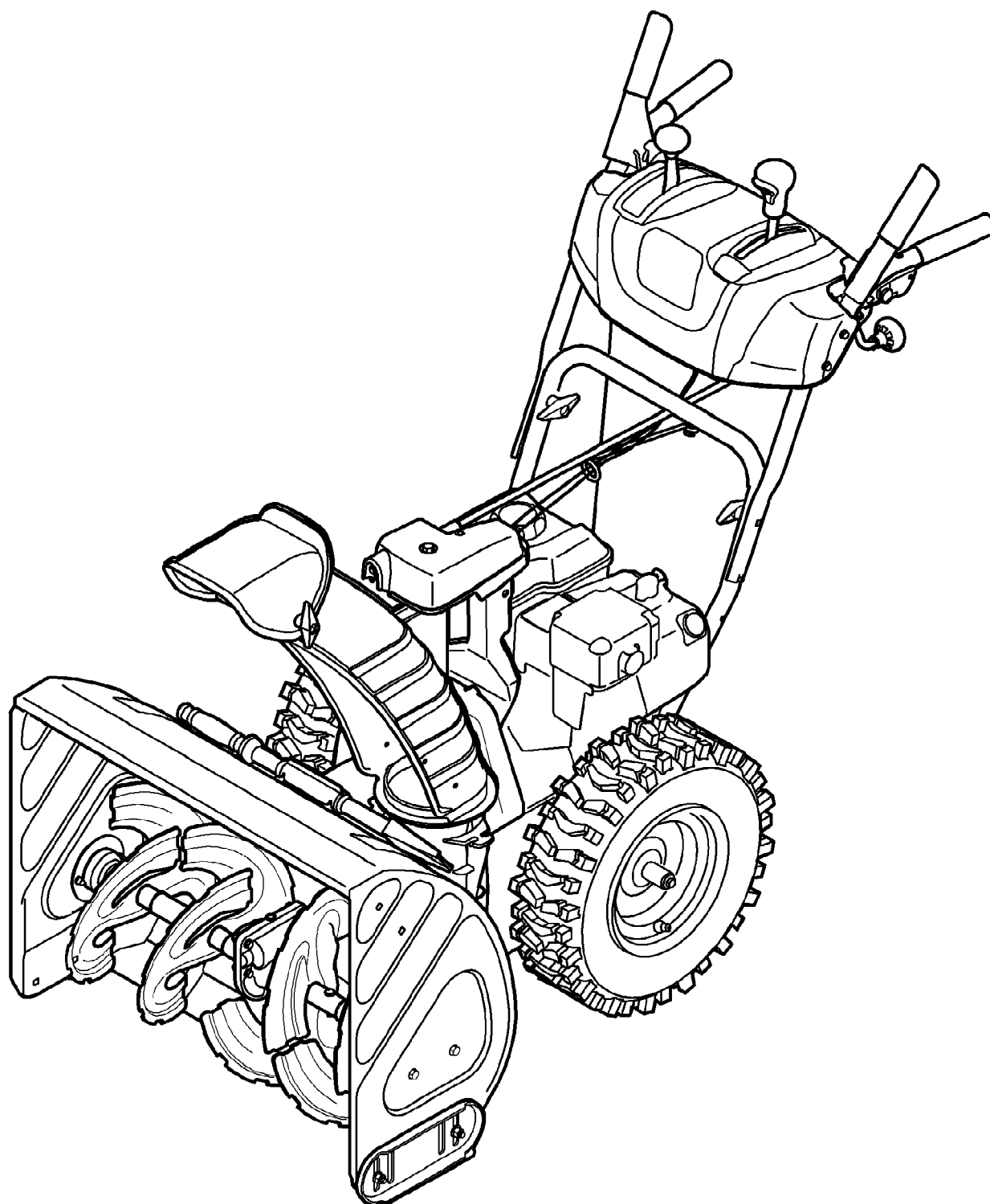
31AH6ZK4597 (2008)
Panel K Style Assembly

Page 14 of 16

Ref #	Part Number	Qty	S/P/F	Description
47	735-0234	1		Grommet with manual chute crank
48	684-04104	1	S	Chute Crank Assembly with manual chute crank
49	736-0185	1	S	Flat Washer .406" I.D. x .75" O.D. with manual chute crank
50	631-04181	1	S	Handle Panel Ass'y - Troy-Bilt
51	749-04191A	1		Upper Handle LH
52	749-04190A	1	/P	Upper Handle RH
53	720-0284	1	S	Handle Knob Assembly
56	749-04138A	1	/P	Lower Handle
57	716-04036	1		E Ring
59	731-04913	1		Steering Control
60	738-04126	1		Pin 3/16

31AH6ZK4597 (2008)
Quick Reference

Page 15 of 16



31AH6ZK4597 (2008)
Quick Reference

Page 16 of 16

Ref #	Part Number	Qty	S/P/F	Description
	759-3336	1	/P	Spark Plug
	BS-695756	1	S	Key 26-Inch Unit Only
	BS-794696	1	/P	Key 28-Inch Unit Only
	N/A	1		Extension Cord
	731-2643	1	S	Snow Removal Tool
	746-04229	1		Drive Cable
	746-04230	1		Auger Cable
	746-04396	1	S	Speed Selector Cable
	746-04238	1	S	Chute Cable
	684-04107	1		Auger Assembly - LH
	684-04108	1		Auger Assembly - RH
	790-00121	1		Shave Plate - 26-Inch
	790-00118	1		Shave Plate - 28-Inch
	684-04057A	1	S	Impeller Assembly
	790-00091	1		Slide Shoe
	738-04124A	1	/P	Shear Pin
	714-04040	1		Bow Tie Cotter Pin
	725-04213	1	S	Lamp
	754-04050	1	S	Auger Belt
	754-0367	1	S	Wheel Belt
	N/A	1		Spiral Crescent
	N/A	1		Rubber Paddle
	656-04025A	1	/P	Friction Wheel
	735-04054	1	S	Friction Wheel Rubber
	634-04145	1		Wheel - LH
	634-04146	1		Wheel - RH