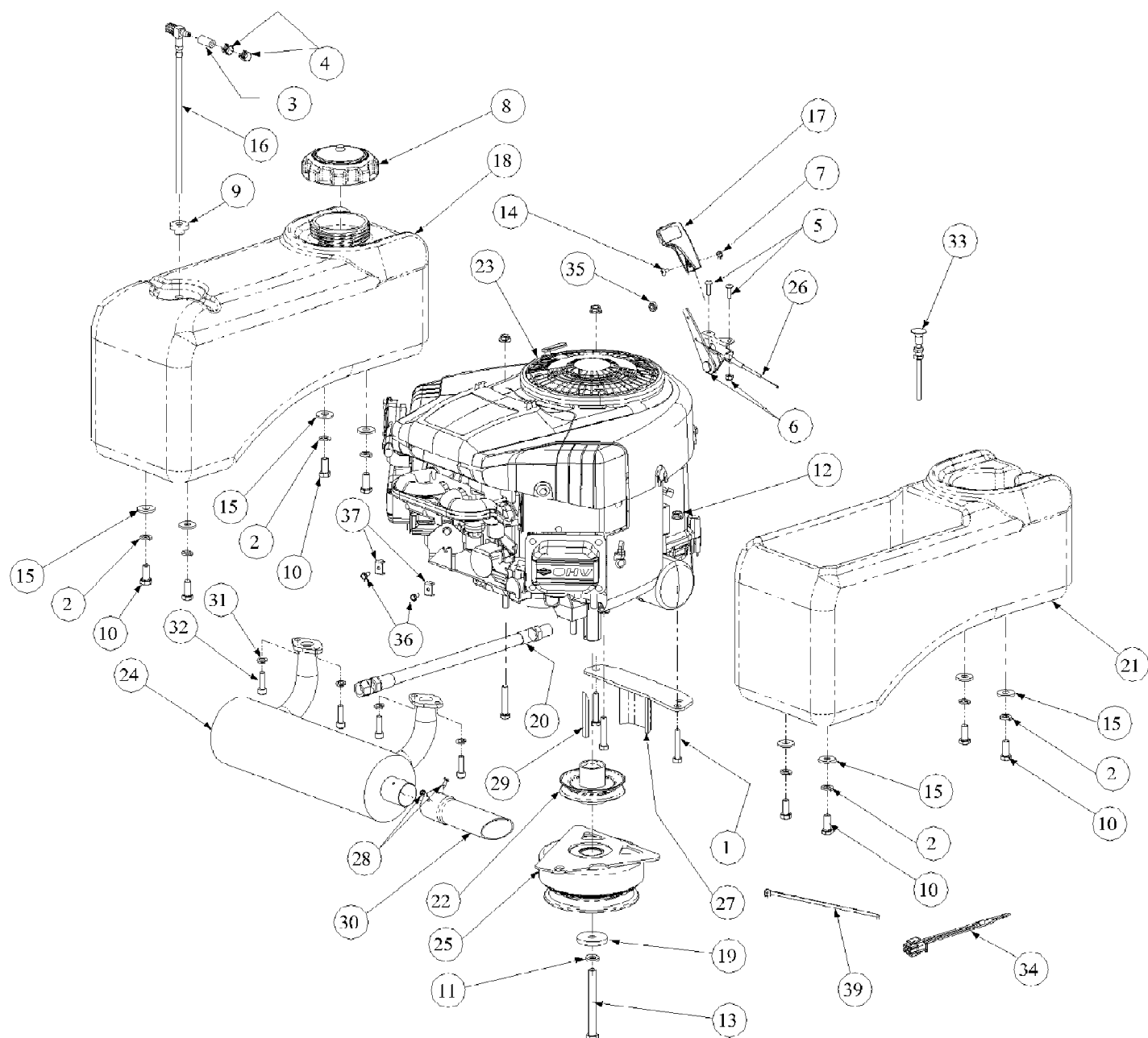


Z-Force 48 B&S Intek
Briggs Engine Assembly 22HP

Page 1 of 34



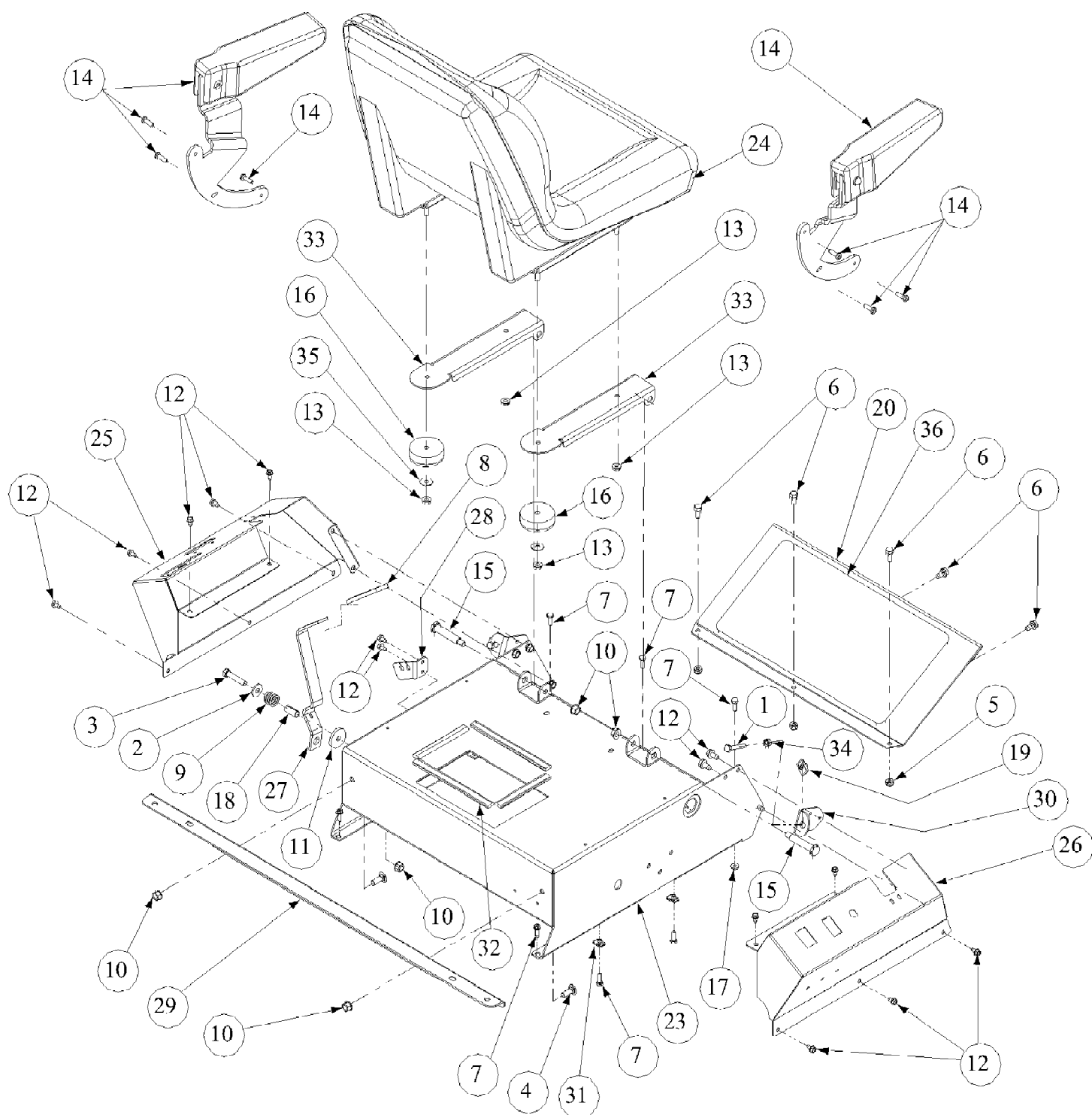
Z-Force 48 B&S Intek
Briggs Engine Assembly 22HP

Page 2 of 34

Ref #	Part Number	Qty	S/P/F	Description
1	00006129	4		Hex Head Cap Screw, 5/16-18 x 1-3/4
2	00012157	8	S	Lock Washer, 3/8 Zinc
3		1		Hose, 1/4" Fuel Line purchase locally
4	00012235	2		Clamp, Union
5	01008531	2	S	Self Tapping Screw, 10-32 x 1/2
6	00014608	2	/P	Lock Nut, Nylon Insert, 10-32
7	00060056	1		Nut, w/ Star Washer
8	01000069	1	S	Fuel Cap
9	01000281	1	S	Fuel Tank Groment
10	01000368	8	S	Hex Cap Screw, 3/8-16 x .88
11	01000389	1	S	Lock Washer, 7/16
12	01000635	4	S	Lock Nut, Hex Flange, 5/16-18
13	01000813	1	S	Hex Cap Screw, 7/16-20 x 3.0
14	01000721	1	S	Machine Screw, 8-32 x .375
15	01000723	8	S	Flat Washer, .406 ID x 1.0 OD x .105
16	01003116	1		Fuel Pickup Fitting
17	01004004	1	S	Throttle Control Knob
18	01004350	1		Fuel Tank
19	01005314	1	S	Flat Washer, 7/16 ID x 1.75 OD x .250
20	01003283	1		Oil Drain Extension Hose
20	737-0103	1	S	Oil Drain Plug not shown
21	01008138	1	S	Utility Bin
22	01008808	1	S	Electric PTO Engine Pulley
23	01009769	1	S	22HP Briggs Engine
24	01008902	1		Briggs Muffler
25	01008434	1	S	Ogura DX11 Electric Clutch
26	01003272	1	S	Throttle Control Cable
27	01008640	1		Clutch Retainer Assembly
28	01000811	2	S	Screw, 8-32 x .375, Hex Washer
29	01007533	1		Key, 1/4 x 1/4 x 2.75
30	01008623	1		Exhaust Pipe
31	00012168	4		Lock Washer, 5/16
32	01009142	4	/P	Socket Head Cap Screw, 5/16-18 x 1.00
33	01004020	1	S	Choke Cable
34	01009826	1	S	Harness Adaptor
35	00023041	1		Starter Side Lock Nut 1/4-20
36	01008531	2	S	Screw, #10-32 x 0.500
37	01002070	2	S	Throttle Cable Clamp
38	01001811	1		Hour Meter Harness
39	00012470	1	S	Cable Tie, 3/16 x .05 x 7.4

Z-Force 48 B&S Intek
Control Assembly 48"

Page 3 of 34



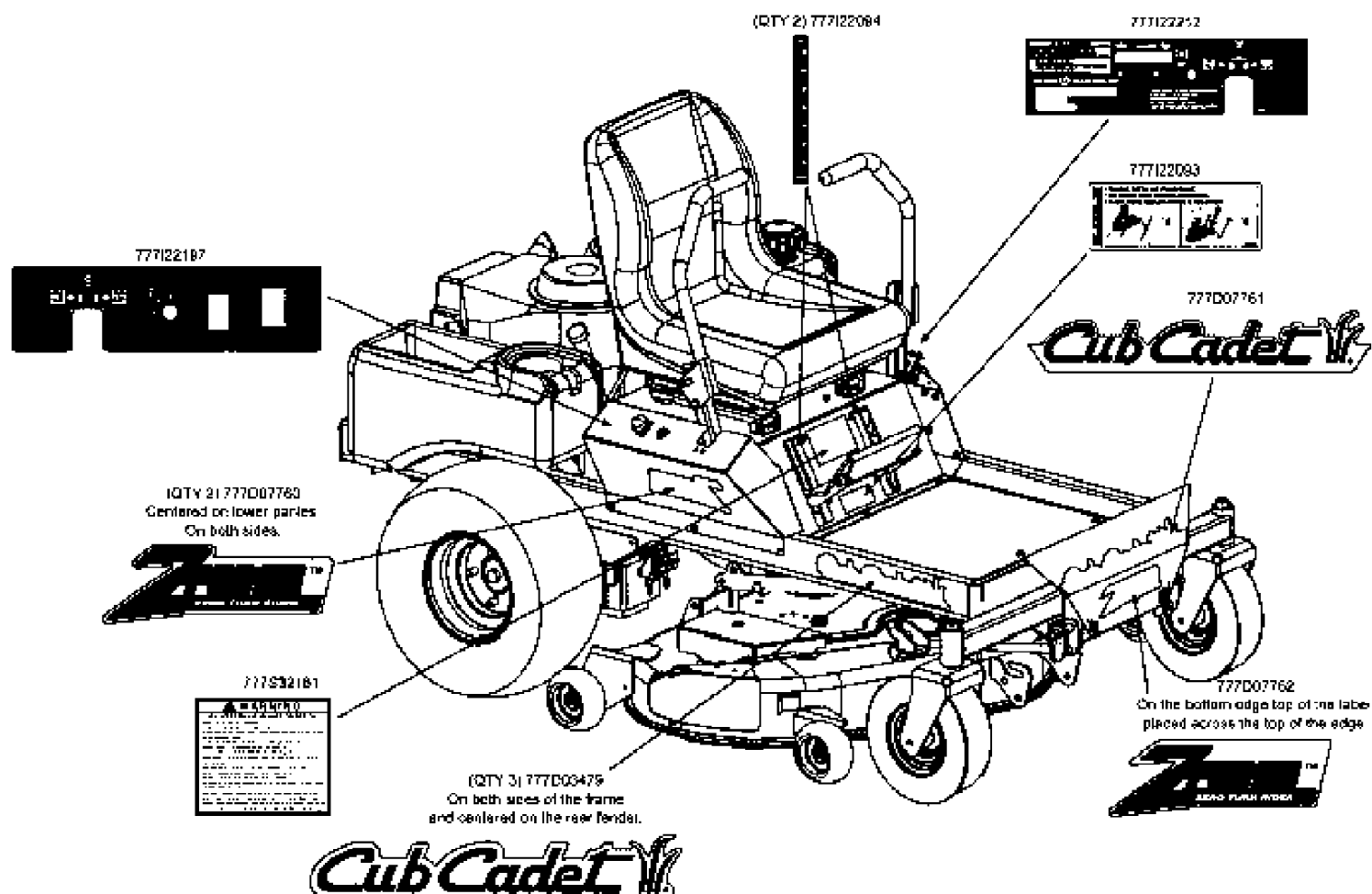
Z-Force 48 B&S Intek
Control Assembly 48"

Page 4 of 34

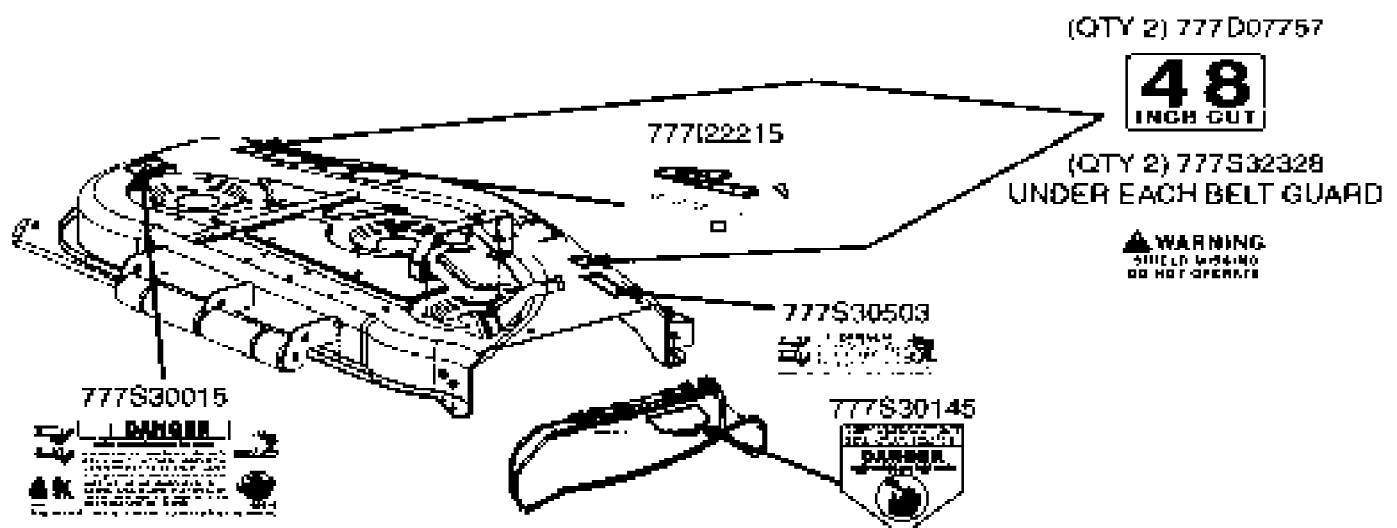
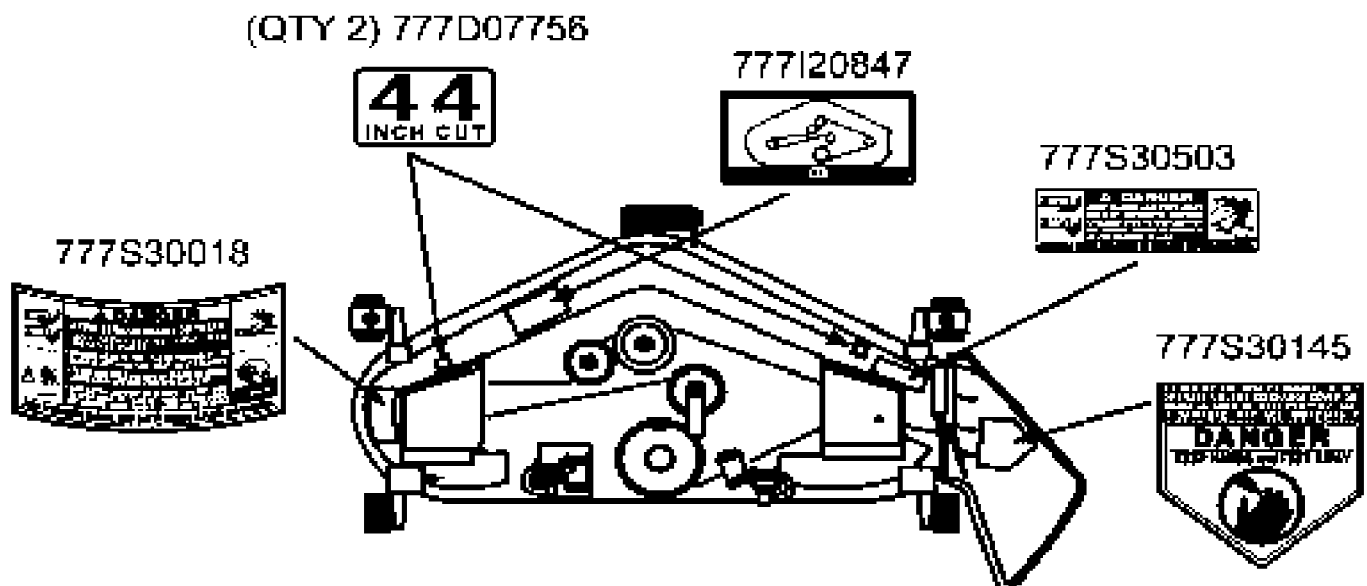
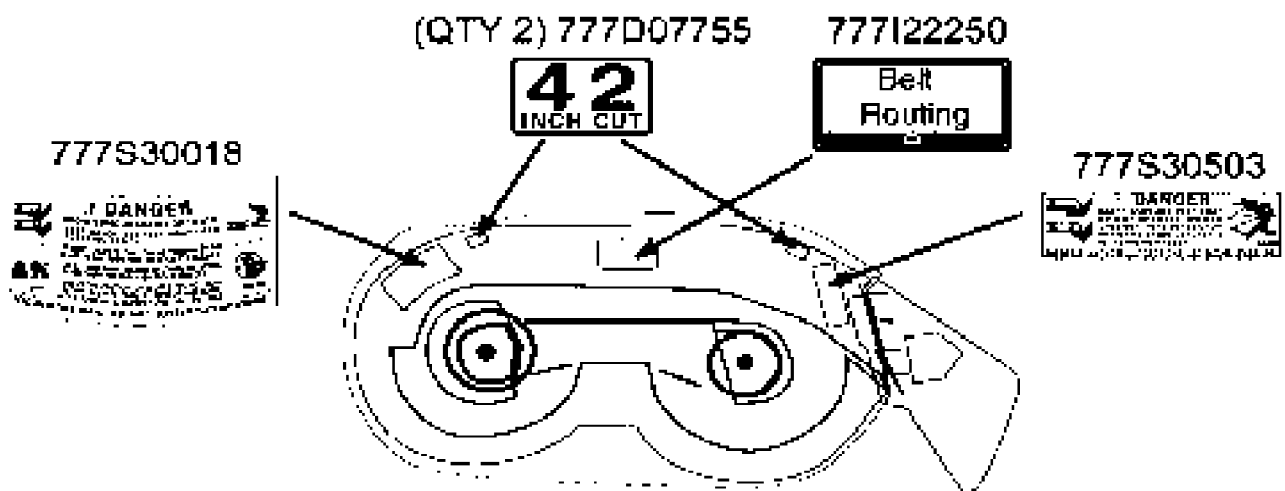
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1	00012382	2		Hex Cap Screw, 5/16-18 x 1-1/2
2	00083192	1		Idler Washer
3	00008495	1		Capscrew, 3/8-16 x 1-3/4
4	01000372	2	S	Carriage Bolt, 3/8-16
5	00012165	3		Nylock Nut, 5/16-18
6	01008620	5		Self Tapping Screw, 5/16-18 x 3/4
7	01000629	9	S	Self Tapping Screw, 1/4-20 x 1/2
8	00013595	1		Parking Brake Grip
9	00021797	1		Spring, .80 OD x 1 Lg
10	00022560	5		Hex Nut, 3/8-16 Flange Lock
11	01000872	1	S	Flat Washer, 1.25 x .411 x .100
12	01000628	18	S	Screw, 1/4-20 x 1/2
13	01000635	4	S	Hex Nut, 5/16-18 Flange Lock
14		1		Kit, Armrest (Available through Whole goods)
15	01002634	2		Shoulder Screw, 3/8-16, .5 x 2.345
16	01002753	2		Groment, 2.5 OD x 1.0 Lg
17	01002766	3	S	Hex Nut, 1/4-20 Flange Lock
18	01002772	1	S	Spacer, .375 x .50 x 1.02
19	01003563	2		U-Nut, 5/16-18
20	01008464	1		Foot Rest Bracket
21	01008198	1	S	Left Hand Brake Cable (not shown)
22	01008199	1	S	Right Hand Brake Cable (not shown)
23	01008482	1		Control Housing Weldment
24	01008413	1	S	Seat Adjust
25	01008472	1	S	Left Hand Control Console (MFG Date 052904 & before)
	01010006	1	S	Left Hand Control Console (MFG Date 053004 & after)
26	01008473	1	S	Right Hand Control Console (MFG Date 052904 & before)
	01010007	1	S	Right Hand Control Console (MFG Date 053004 & after)
27	01008487	1	S	Parking Brake Lever
28	01008489	1		Brake Cable Bracket
29	01008491	1		Front Tank Mounting Bracket
30	01008533	2		Lapbar Stop Bracket
31	01008539	4	S	U-Nut, 1/4-20
32	01008572	4	S	Battery Edge Trim
33	01008583	2		Seat Mounting Bracket
34	00012166	2		Hex Nut, 5/16-18
35	01000960	2	S	Washer, .325 x .930 x .045
36	01006528	1		Abrasive Foot Pad

Z-Force 48 B&S Intek
Decal Map (Part 1)

Page 5 of 34



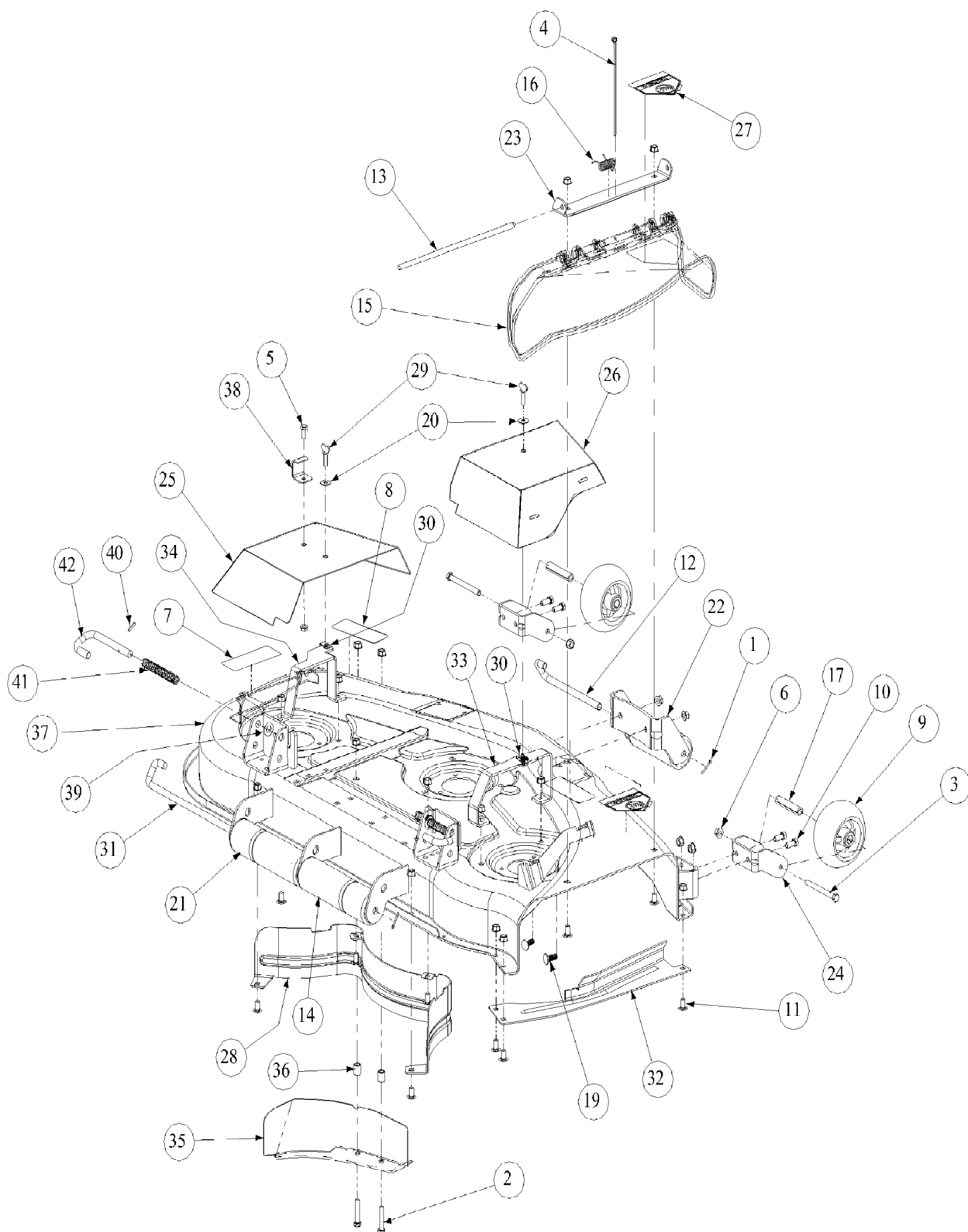
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777D03479	777D03479	1	/P	LABEL-CUB CADET LOGO
777D07762	777D07762	1		LABEL-Z FORCE
777D07761	777D07761	1		LABEL-CUB CADET LOGO
777I22093	777I22093	1		LABEL-LIFT HANDLE
777I22212	777I22212	1		LABEL-LH CONSOLE
777I22094	777I22094	1		LABEL-DECK HEIGHT
777I22197	777I22197	1		LABEL-RH CONSOLE
777D07760	777D07760	1		LABEL-Z FORCE
777S32161	777S32161	1		LABEL-WARNING OPER



Ref #	Part Number	Qty	S/P/F	Description
777S30018	777S30018	1	/P	LABEL-DECK SAFETY
777D07755	777D07755	1		LABEL-42" CUT
777I22250	777I22250	1		LABEL
777S30503	777S30503	1	/P	LABEL-DANGER CHUTE
777I20847	777I20847	1		LABEL-BELT ROUTING
777D07756	777D07756	1		LABEL
777S30018	777S30018	1	/P	LABEL-DECK SAFETY
777S30503	777S30503	1	/P	LABEL-DANGER CHUTE
777S30145	777S30145	1	S	USE 977S30145
777D07757	777D07757	1		LABEL-48" CUT
777S32328	777S32328	1	/P	LABEL
777S30503	777S30503	1	/P	LABEL-DANGER CHUTE
777S30145	777S30145	1	S	USE 977S30145
777I22215	777I22215	1		LABEL
777S30015	777S30015	1		LABEL

Z-Force 48 B&S Intek
Deck Assembly

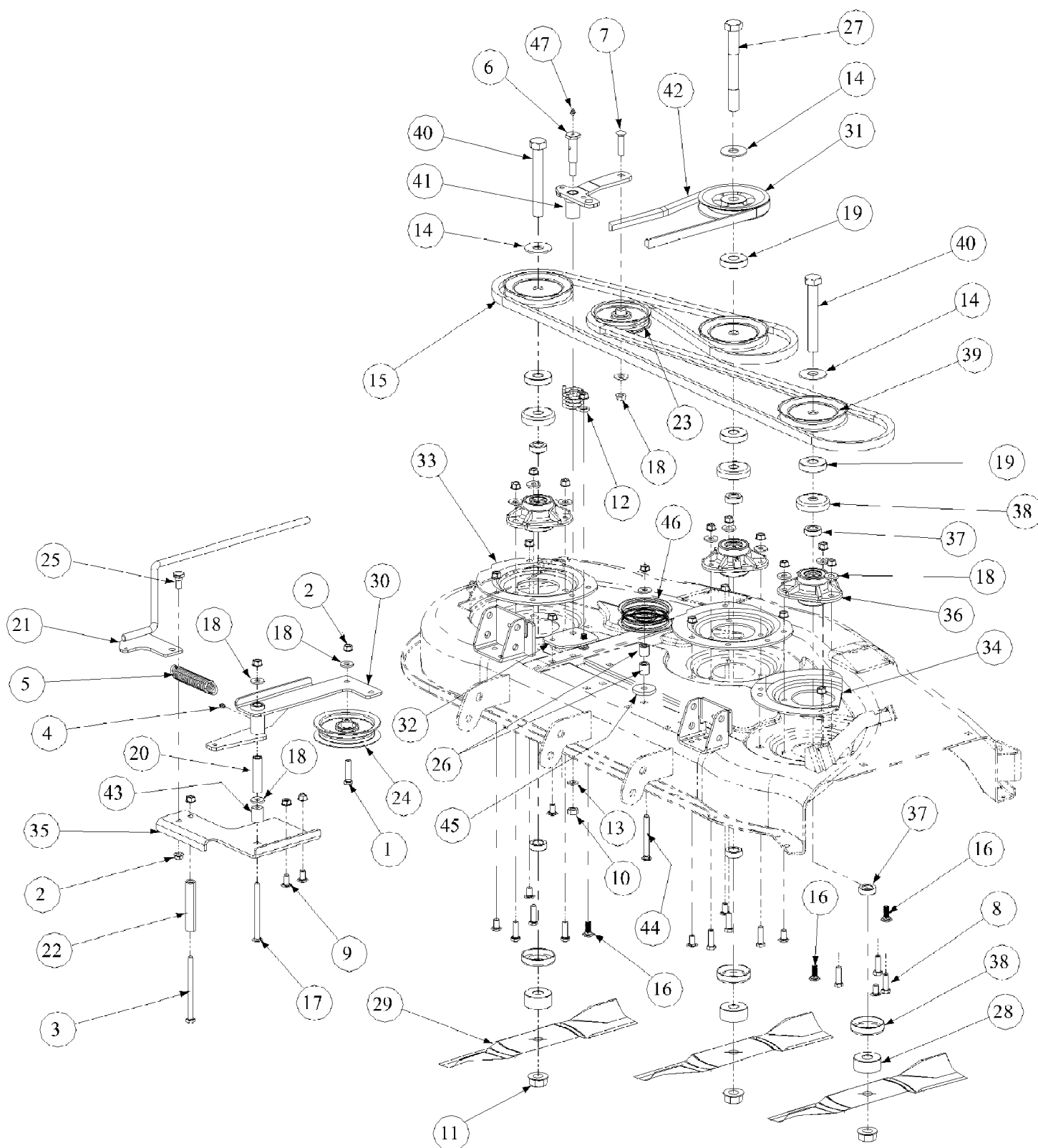
Page 9 of 34



Ref #	Part Number	Qty	S/P/F	Description
1	00003107	2		Cotter Pin .125 Dia x 1.0
2	00008495	2		Capscrew, 3/8-16 x 1-3/4
3	00011925	2		Capscrew, 3/8-16 x 4.00
4	00012470	1	S	Cable Tie, 3/16 x .05 x 7.4
5	00013406	1		Hex Cap Screw 5/16-18 x .75
6	00022560	24		Hex Nut, 3/8-16, Flange Lock
7	00030633	1		Decal, Rotating Blade
8	00030635	2	/P	Decal, Warning Shield Missing
9	01000343	2	S	Complete Wheel, 5.00 Dia.
10	01000368	4	S	Hex Cap Screw, 3/8-16 x .88
11	01000372	10	S	Carriage Bolt 3/8-16 x .75
12	01000375	1	S	Roller Pin 1/2 x 7.31
13	01009102	1		Hinge Pin, .375 x 14.06
14	01000385	3	S	Front Roller
15	01009705	1	S	Chute Deflector
16	01003253	1	S	Torsion Spring
17	01000398	2	S	Wheel Spacer
18	01000635	1	S	Lock Nut 5/16-18 Hex Flange
19	01000643	2		Carriage Bolt, 3/8-16 x 1
20	01000960	2	S	Washer, .325 x .930 x .045
21	01001169	2		Grass Catcher Roller
22	01006574	1	S	Front Roller Bracket
23	01006575	1	S	Chute Mounting Bracket
24	01006576	2		Castor Bracket
25	01006577	1		Left Hand Belt Cover
26	01006578	1		Right Hand Belt Cover
27	01002166	2		Decal, Danger Hands & Feet
28	01006581	1		Baffle
29	01003560	2		Thumb Screw, 5/16-18 x 1.0
30	01003563	2		U-Nut, 5/16-18
31	01004751	1	S	Roller Rod
32	01006583	1	S	Finger Guard
33	01006490	1		Right Hand Belt Cover Support Bracket
34	01006492	1		Left Hand Belt Cover Support Bracket
35	01006530	1		Deck Baffle
36	01006573	2	S	Spacer, .385 ID x .75 OD x .875
37	01009780	1		48" Deck Weldment
38	01004863	1	S	Tension Rod Stop Bracket
39	01000930	2	S	Washer, .508 ID x 1.00 OD x .020
40	715-3003	2	/P	Heavy Duty Spring Pin
41	732-0802	2		Compression Spring, .63 OD x 6.3 Lg
42	747-3013	2	/P	Support Pin

Z-Force 48 B&S Intek
Deck Spindle Assembly

Page 11 of 34



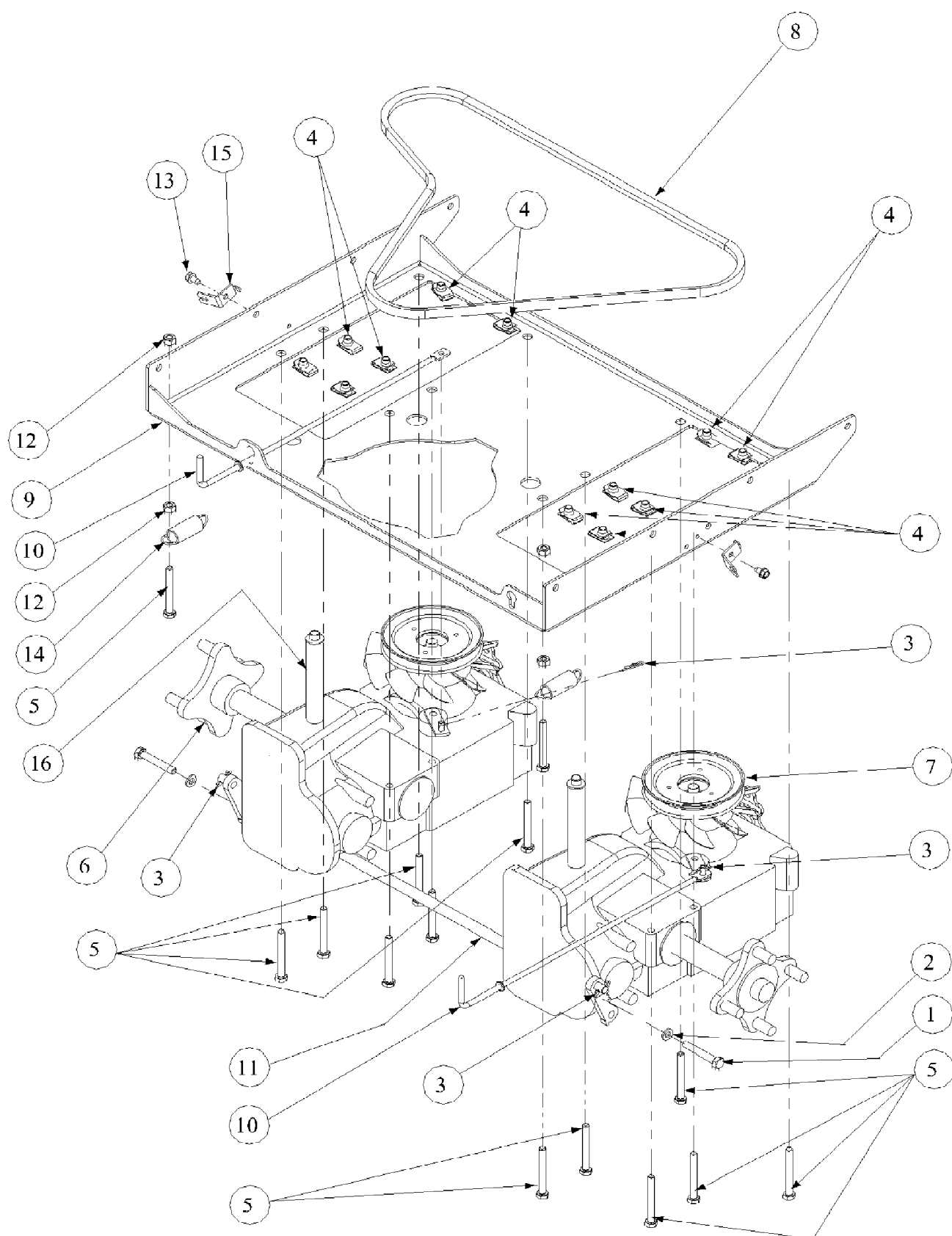
Z-Force 48 B&S Intek
Deck Spindle Assembly

Page 12 of 34

Ref #	Part Number	Qty	S/P/F	Description
1	00008495	1		Capscrew, 3/8-16 x 1-3/4
2	00022560	25		Hex Nut, 3/8-16, Flange Lock
3	00034167	1		Capscrew, 3/8-16 x 5.00
4	00060078	1	/P	Grease Fitting, 1/4-28 x 3/16
5	01000199	1		Extension Spring, 1.0 OD x 5.00
6	01000302	1	/P	Shoulder Screw, 7/16-14
7	01000364	1	S	Hex Carriage Screw, 3/8-16 x 1.75
8	01000369	9	S	Capscrew, 3/8-16 x 1.25
9	01000372	9	S	Carriage Bolt 3/8-16 x .75
10	01000379	1	S	Hex Nut, 7/16-14
11	01000380	3	S	Nut, 3/4-16, Hex Flange
12	01000387	1	S	Idler Spring
13	01000389	1	S	Lock Washer, 7/16
14	01000392	3	S	Flat Washer, .781 ID x 2.00 OD x .105
15	01000399	1		Belt, A Section x 107.3
16	01000643	4		Carriage Bolt, 3/8-16 x 1
17	01009906	1		Carriage Bolt, 3/8-16 x 5.0
18	01000723	14	S	Flat Washer, .406 ID x 1.0 OD x .105
19	01002564	4		Spacer, .76 ID x 2.00 OD x .477
20	01003245	1		Spacer, .39 ID x .625 OD x 2.75
21	01005692	1		Spring Tension Rod Assembly
22	01004065	1		Spacer, .405 x .75 x 3.875
23	01004081	1	S	Flat Pulley
24	01004101	1	S	Idler Pulley, 4.06 OD
25	01004118	1		Shoulder Screw, .50 x .27 Lg., 3/8-16
26	01004129	2		Spacer, .385 ID x .75 OD x .875
27	01004185	1		Capscrew, 3/4-16 x 6.50
28	01004415	3		Spacer, .760 ID x 2.00 OD x 0.9
29	01004772	3		Hi-Lift Blade, 16.5, 0.756 ID
30	01005103	1	S	Idler Arm Assembly, Flat Top Bearing
	01000308	2		Bearing Sleeve
31	01005202	1		V-Pulley, 4.75 OD
32	01006469	1		Idler Arm Mounting Plate
33	01006440	2		Spindle Support Plate
34	01006442	1		RH Spindle Support PLate
35	01006468	1		Idler Arm Mounting Bracket
36	01006470	3	S	Housing Assembly
37	01006533	6		Spacer, .76 ID x 1.25 OD x .44
38	01006534	6		Spindle Spacer
39	01006535	3	S	V-Pulley, 4.9 OD
40	01006590	2		Capscrew, 3/4-16 x 5.50
41	01006760	1		Idler Arm Assembly, Deck Spindle
	01000308	2		Bearing Sleeve
42	00050441	1	/P	V-Belt, B-Section
43	01001539	1		Spacer, .39 ID x .63 OD x 1.442
44	01002750	1	S	Carriage Bolt, 3/8-16 x 3.5
45	01005314	1	S	Washer, 7/16 ID x 1.75 OD x .25
46	756-0542	1		FLAT IDLER W/FLANGES 3.5 OD
47	00012226	1	S	Grease Fitting, 1/4-28, 90 degree

Z-Force 48 B&S Intek
Drive Train Assembly

Page 13 of 34



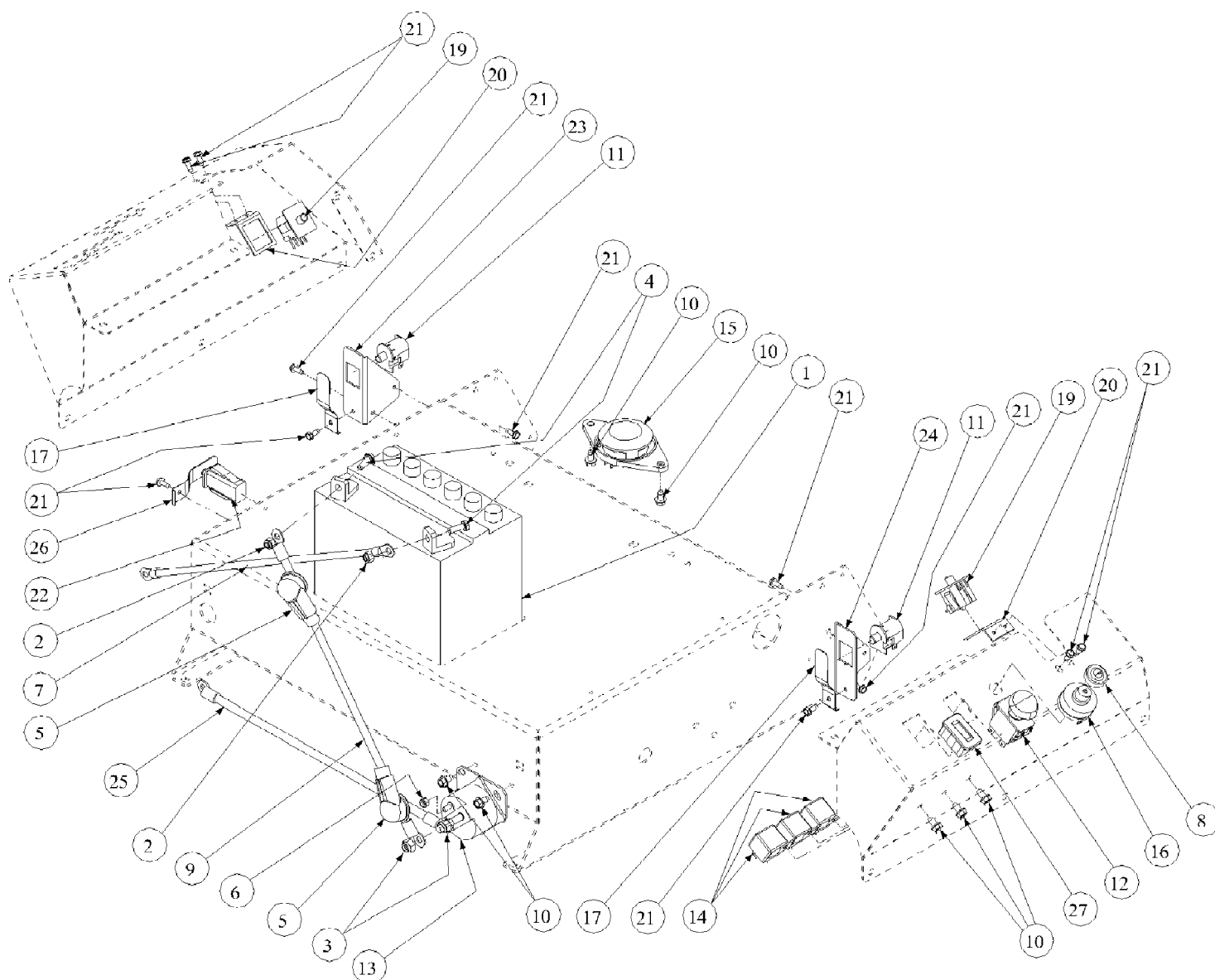
Z-Force 48 B&S Intek
Drive Train Assembly

Page 14 of 34

Ref #	Part Number	Qty	S/P/F	Description
1	00013198	2		Hex Cap Screw, 5/16-18 x 2.0
2	00012169	2		Flat Washer, .320 ID x .591 OD
3	01002771	4	S	Cotter Pin, .072 x 1.12 Lg
4	01003563	12		U-Nut, 5/16-18
5	01007122	14	S	Hex Cap Screw, 5/16-18 x 2.5
6	01008192	1	S	IZT Transmission, Left Hand
7	01008193	1	S	IZT Transmission, Right Hand
8	01008349	1		V-Belt, 56.00
9	02000617	1		Transmission Mounting Bracket
10	02001332	2		Pump Rod
11	01008414	1	S	Transmission Brace Tube
12	00012166	4		Nut, 5/16-18
13	01000628	2	S	Screw, 1/4-20 x 1/2
14	01008758	2	/P	Extension Spring, .438 OD x 2.50
15	01008611	2		Brake Cable Mounting Bracket
16	HG-51401	1	/P	Hose, 1/2 Dia. x 4" Long
	HG-70110	1	/P	O-Ring Fitting Assembly not shown
	HG-70109	1	/P	Cap Vent Assembly not shown

Z-Force 48 B&S Intek
Electrical Assembly

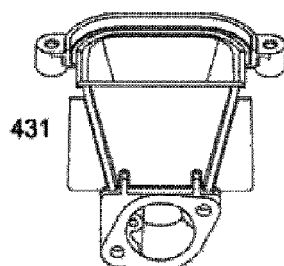
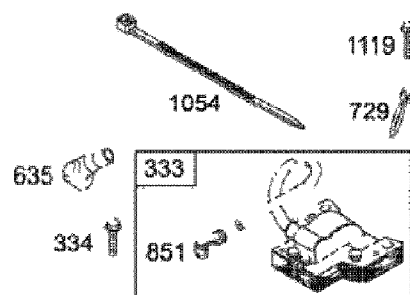
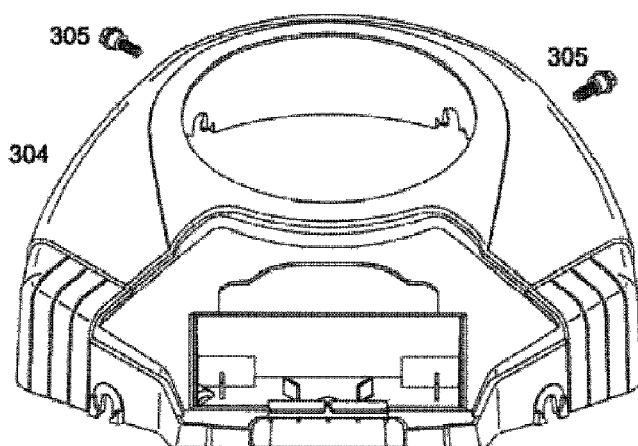
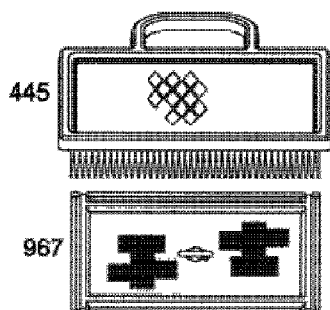
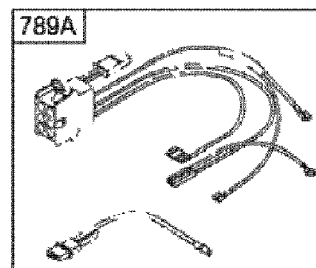
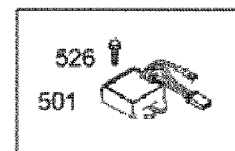
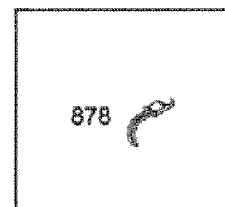
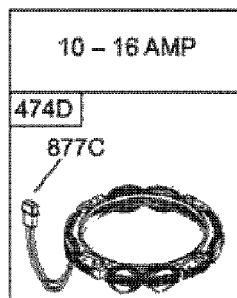
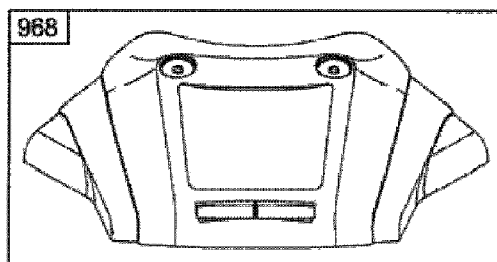
Page 15 of 34



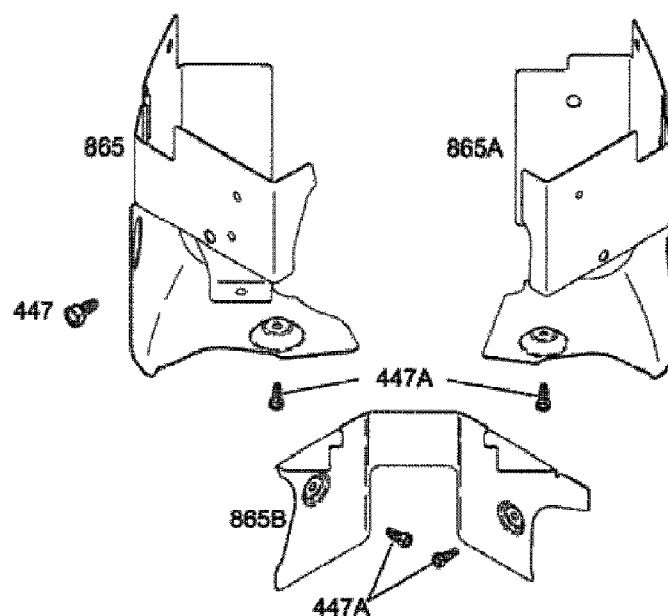
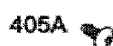
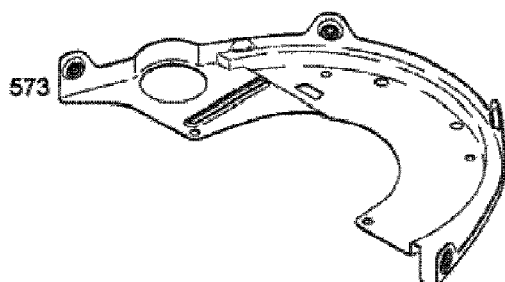
Ref #	Part Number	Qty	S/P/F	Description
1	00012032	1	S	Battery, 12V 260CCA 30Min
2	00012152	2		Lock Nut, Nylon Insert, 1/4-20
3	00012165	2		Nut, 5/16-18, Nylock
4	00013131	2		Hex Cap Screw, 1/4-20 x .75
5	00013258	2		Boot, 1" OD Rubber Battery-PST Red
6	00014608	1	/P	Lock Nut, Nylon Insert, 10-32
7	00024233	1		Cable, Battery, Black, 17"
8	00032097	1		Nut, 5/8-32, w/Cap
9	00095773	1		Cable, Battery, Red, 15"
10	01000628	7	S	Self Tapping Screw, 1/4-20 x 1/2
11	01001717	2		Normally Closed Safety Switch
12	01002111	1		Electric PTO Switch
12	01009905	1		PTO Switch Bracket Not Shown
13	01002228	1		Solenoid
14	01002251	3		Relay, 12V 40A
15	01003277	1		Normally Closed Seat Switch
16	01003581	1	S	Switch, Ignition, 6 Pin
16	725-1341B	1	/P	Key, Ignition Not Shown
17	01008042	2	S	Safety Switch Retainer Spring
19	01008386	2	S	Neutral Switch
20	01008511	2		Neutral Switch Mounting Bracket (MFG Date 052904 & before)
21	01008531	11	S	Self Tapping Screw, 10-32 x 1/2
22	01008571	1	S	Switch, Plunger
23	01008614	1		Bracket, Safety Switch, Left Hand
24	01008615	1		Bracket, Safety Switch, Right Hand
25	01002252	1		Cable, Battery, Red, 24"
26	01009309	1		Brake Retainer Spring
27	01009768	1	S	Hour Meter
	01008375	1	S	Harness Assembly Not Shown

Z-Force 48 B&S Intek
Engine Blower Housing & Electrical

Page 17 of 34



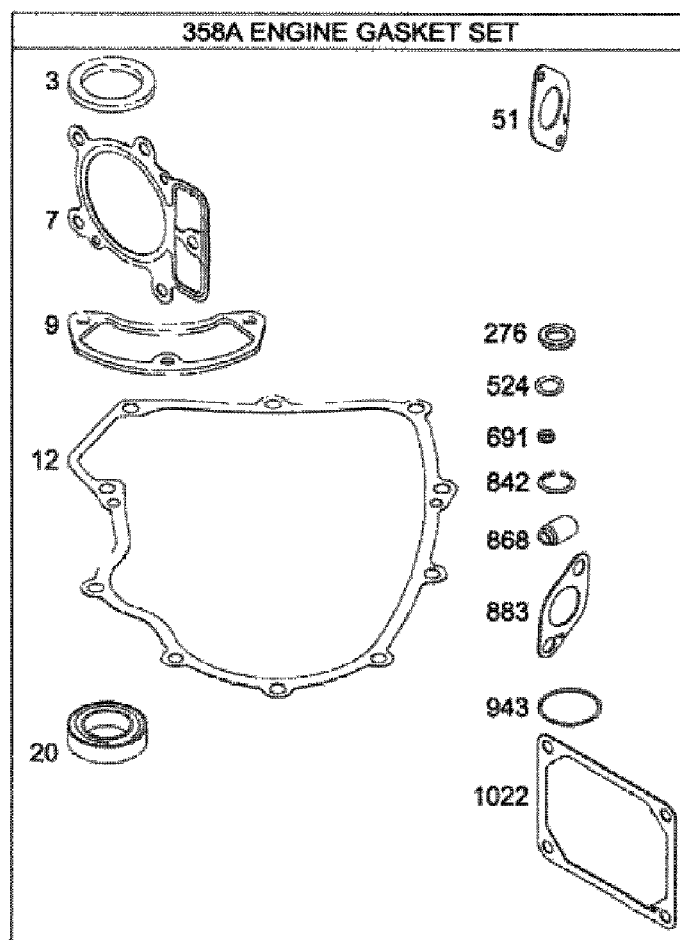
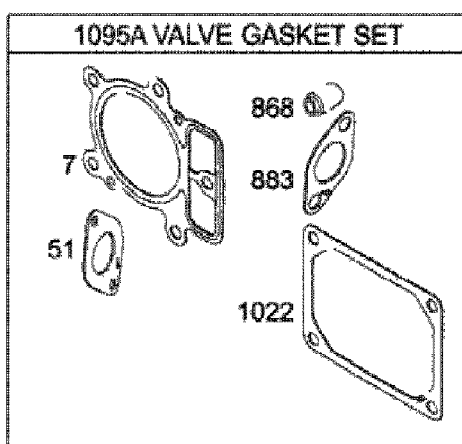
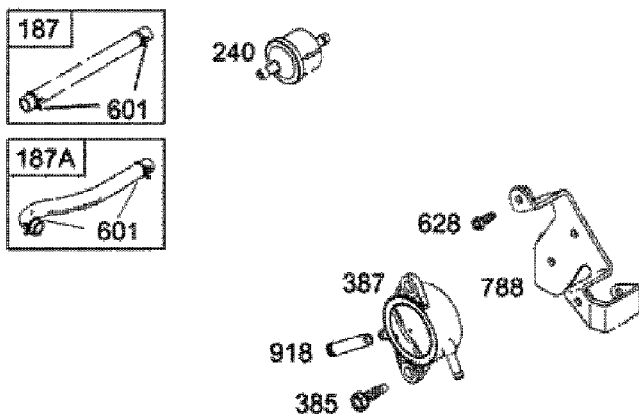
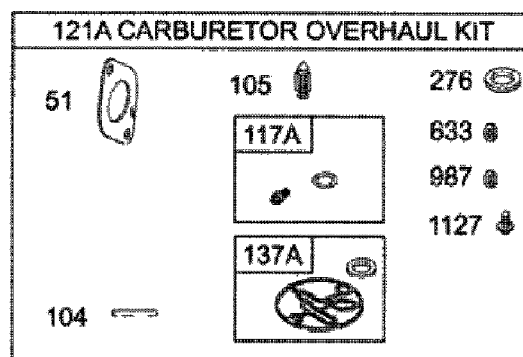
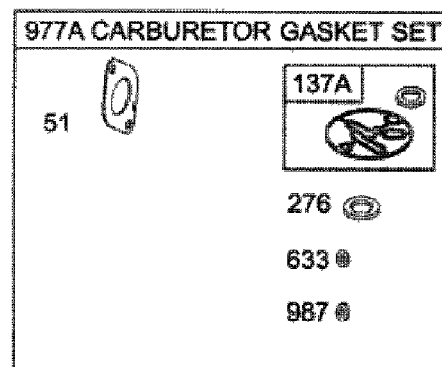
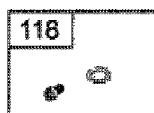
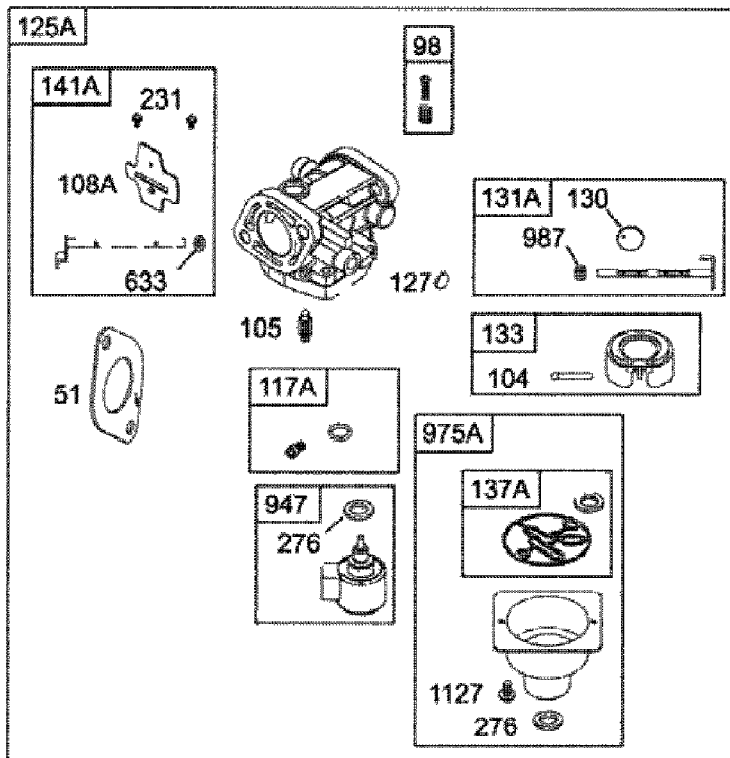
1036 EMISSIONS LABEL



Ref #	Part Number	Qty	S/P/F	Description
304	BS-695277	1	S	Housing-Blower (Black)
305	BS-691005	1		Screw (Blower Housing)
333	BS-691060	1	/P	Armature-Magneto
334	BS-691061	1		Screw (Magneto Armature)
405A	BS-697820	1		Screw (Back Plate) (Mounting)
431	BS-699806	1		Elbow-Intake
445	BS-499486S	1	/P	Filter-Air Cleaner Cartridge
447	BS-691003	1	/P	Screw (Air Guide Cover)
447A	BS-691108	1	/P	Screw (Air Guide Cover)
474D	BS-696458	1	/P	Alternator
501	BS-691185	1	S	Regulator
526	BS-691108	1	/P	Screw (Regulator)
579	BS-691029	1		Nut (Starter Cable)
635	BS-66538S	1	/P	Boot-Spark Plug
703	BS-691010	1		Clip
729	BS-694123	1		Clip-Wire
789A	BS-698330	1		Harness-Wiring (6 Pin)
851	BS-493880S	1	/P	Terminal-Spark Plug
865	BS-691012	1		Cover-Air Guide (Cylinder 1)
865A	BS-691014	1		Cover-Air Guide (Cylinder 2)
865B	BS-691015	1		Cover-Air Guide (Valley)
877C	BS-399916	1		Wire/Connector-Alternator
878	BS-691237	1	S	Harness-Alternator
967	BS-273638S	1	/P	Filter-Pre Cleaner
968	BS-790095	1	S	Cover-Air Cleaner
1036	BS-695704	1		Label-Emissions
1054	BS-280275	1		Tie-Cable
1119	BS-93621	1	/P	Screw (Alternator)
N/S	01009769P	1	S	Complete Engine
N/S	BS-692714	1	S	Short Block

Z-Force 48 B&S Intek
Engine Carburetor

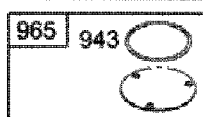
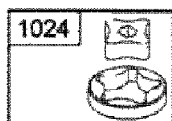
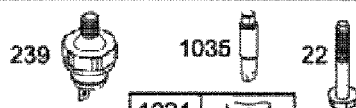
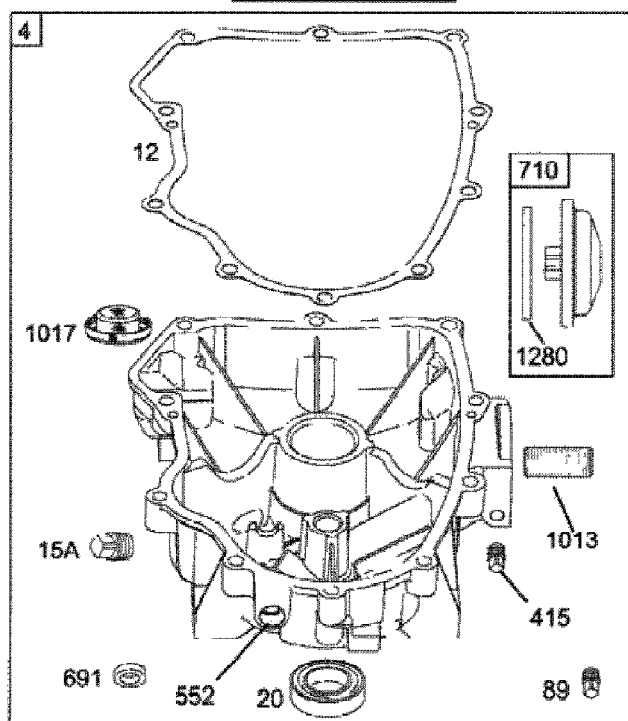
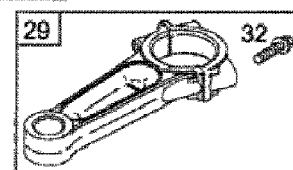
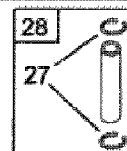
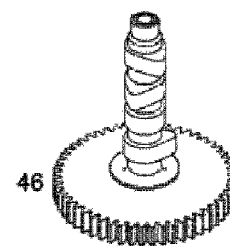
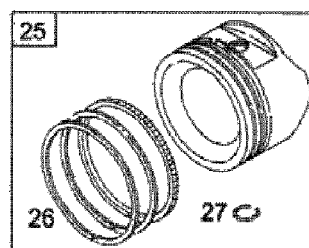
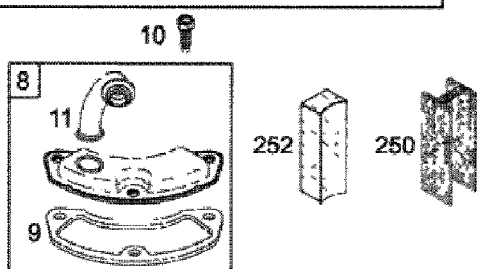
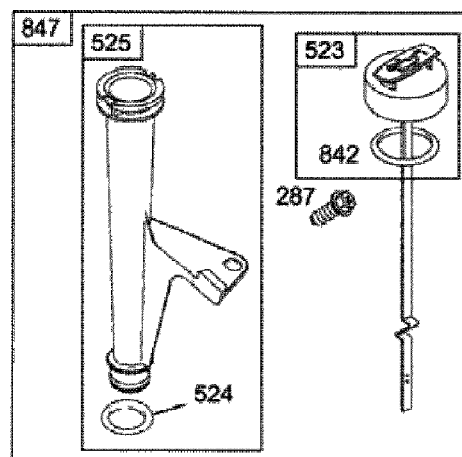
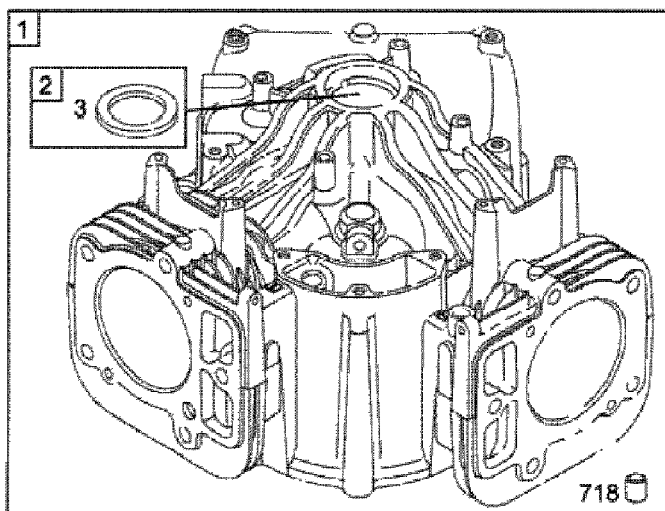
Page 19 of 34



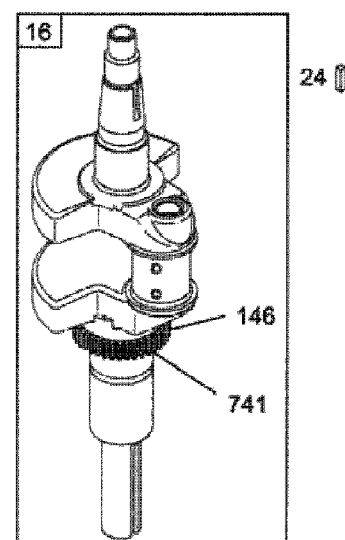
Ref #	Part Number	Qty	S/P/F	Description
3	BS-391086S	1	/P	Seal-Oil (Magneto Side)
7	BS-690962	1	S	Gasket-Cylinder Head
9	BS-690937	1		Gasket-Breather
12	BS-697227	1	/P	Gasket-Crankcase
20	BS-690947	1	S	Seal-Oil (PTO Side)
51	BS-690949	1		Gasket-Intake
98	BS-699721	1		Kit-Idle Speed
104	BS-694918	1		Pin-Float Hinge
105	BS-698537	1		Valve-Float Needle
108A	BS-699808	1		Valve-Choke
117A	BS-698784	1	S	Jet-Main (Standard)
118	BS-699820	1		Jet-Main (High Altitude)
121A	BS-699814	1	/P	Kit-Carburetor Overhaul
125A	BS-699807	1		Carburetor
127	BS-699810	1		Plug-Welch
130	BS-699809	1		Valve-Throttle
131A	BS-699812	1		Kit-Throttle Shaft
133	BS-694914	1		Float-Carburetor
137A	BS-698781	1	/P	Gasket-Float Bowl
141A	BS-699811	1		Kit-Choke Shaft
187	BS-699799	1	S	Line-Fuel
187A	BS-691049	1		Line-Fuel (Molded)
231	BS-690718	1		Screw (Choke Valve)
240	BS-691035	1	/P	Filter-Fuel
276	BS-695410	1		Washer-Sealing
358A	BS-699823	1		Gasket Set-Engine
385	BS-691108	1	/P	Screw (Fuel Pump)
387	BS-808656	1	/P	Pump-Fuel
524	BS-691032	1		Seal-Dipstick Tube
601	BS-691038	1		Clamp-Hose
628	BS-691108	1	/P	Screw (Fuel Pump Bracket)
633	BS-695414	1		Seal-Choke/Throttle Shaft
691	BS-690657	1		Seal-Governor Shaft
788	BS-691039	1		Bracket-Fuel Pump
842	BS-691031	1	/P	Seal-O Ring (Dipstick)
868	BS-690968	1	/P	Seal-Valve
883	BS-690970	1	/P	Gasket-Exhaust
918	BS-694000	1	/P	Hose-Vacuum
943	BS-690589	1	/P	Seal-O Ring (Oil Pump Cover)
947	BS-699728	1		Solenoid-Fuel
975A	BS-699502	1		Bowl-Float
977A	BS-699815	1	S	Gasket Set-Carburetor
987	BS-699813	1		Seal-Throttle Shaft
1022	BS-690971	1	/P	Gasket-Rocker Cover
1095A	BS-699822	1	/P	Gasket Set-Valve
1127	BS-695407	1		Screw (Float Bowl)
N/S	01009769P	1	S	Complete Engine
N/S	BS-692714	1	S	Short Block

Z-Force 48 B&S Intek
Engine Cylinder Assembly

Page 21 of 34



1019 LABEL KIT



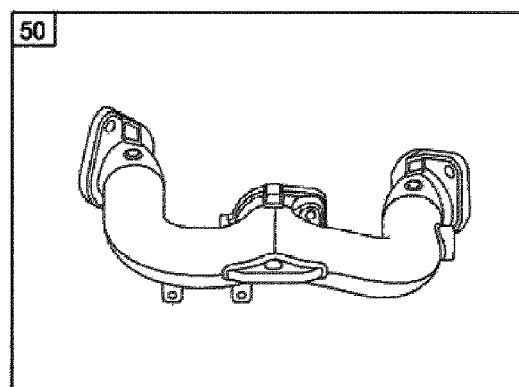
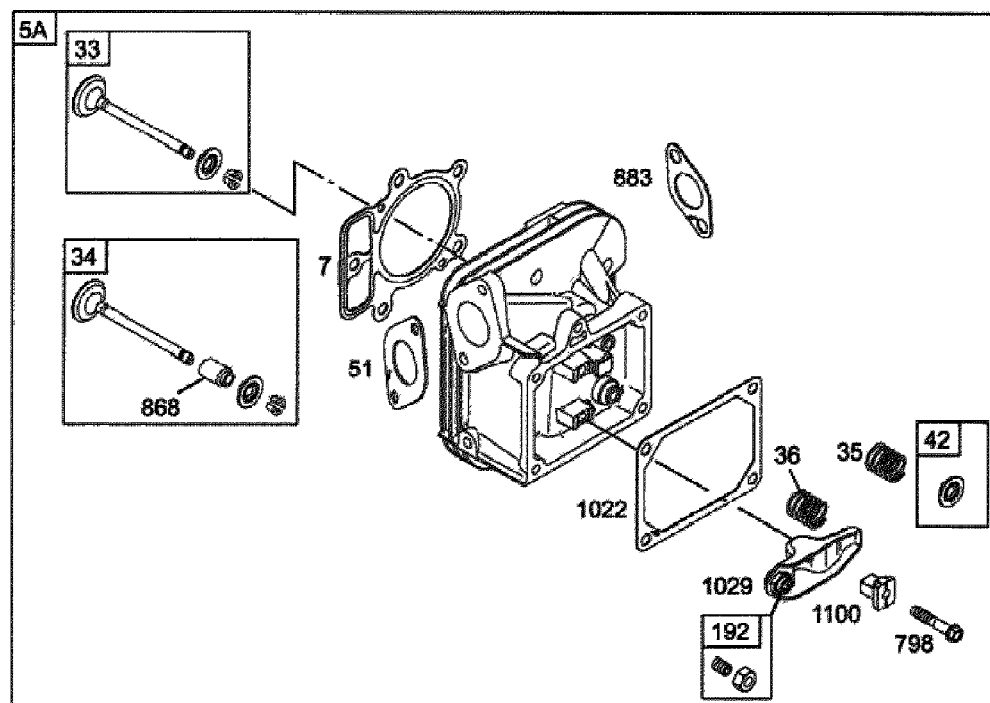
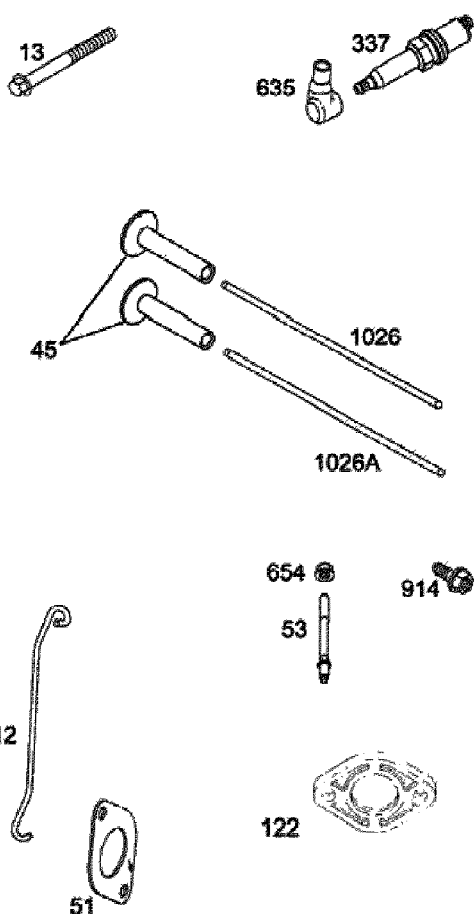
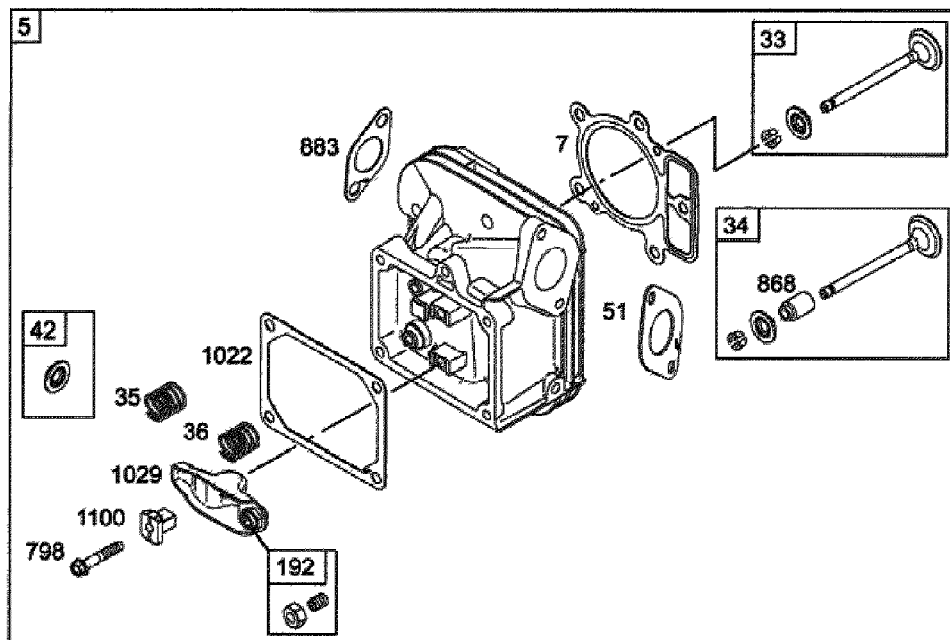
Z-Force 48 B&S Intek
Engine Cylinder Assembly

Page 22 of 34

Ref #	Part Number	Qty	S/P/F	Description
1	BS-699751	1		Cylinder Assembly
2	BS-499585	1		Kit-Bushing/Seal (Magneto Side)
3	BS-391086S	1	/P	Seal-Oil (Magneto Side)
4	BS-699747	1	S	Sump-Engine
8	BS-499601	1	S	Breather Assembly
9	BS-690937	1		Gasket-Breather
10	BS-691108	1	/P	Screw (Breather Assembly)
11	BS-690942	1	S	Tube-Breather
12	BS-697227	1	/P	Gasket-Crankcase
15A	BS-690946	1	/P	Plug-Oil Drain (3/8" Standard)
16	BS-691046	1	S	Crankshaft
20	BS-690947	1	S	Seal-Oil (PTO Side)
22	BS-694966	1	/P	Screw (Crankcase Cover/ Sump)
24	BS-222698S	1	/P	Key-Flywheel
25	BS-499588	1	S	Piston Assembly (Standard)
	BS-499590	1	S	Piston Assembly (.020")
26	BS-499604	1		Ring Set (Standard)
	BS-499606	1		Ring Set (.020")
27	BS-690975	1		Lock-Piston Pin
28	BS-690229	1		Pin-Piston (Standard)
29	BS-499583	1		Rod-Connecting (Standard)
	BS-697253	1		Rod-Connecting (.020")
32	BS-690976	1		Screw (Connecting Rod)
46	BS-699748	1	S	Camshaft
89	BS-690946	1	/P	Plug-Oil
146	BS-690979	1	/P	Key-Timing
239	BS-491657S	1	/P	Switch-Oil Pressure
250	BS-690957	1		Retainer-Breather
252	BS-690956	1		Collector-Oil
287	BS-691108	1	/P	Screw (Dipstick Tube)
415	BS-690283	1		Plug
523	BS-691036	1		Dipstick
524	BS-691032	1		Seal-Dipstick Tube
525	BS-691037	1		Tube-Dipstick
552	BS-690552	1		Bushing-Governor Crank
691	BS-690657	1		Seal-Governor Shaft
710	BS-697474	1		Cover-Oil Filter
718	BS-690959	1	/P	Pin-Locating
741	BS-690980	1		Gear-Timing
750	BS-696999	1		Screw (Oil Pump Cover)
842	BS-691031	1	/P	Seal-O Ring (Dipstick)
847	BS-499602	1		Dipstick/Tube Assembly
943	BS-690589	1	/P	Seal-O Ring (Oil Pump Cover)
965	BS-499613	1		Cover-Oil Pump
1013	BS-231573	1	S	Nipple-Oil Filter
1017	BS-690770	1		Screen-Oil Pump
1019	BS-790094	1		Kit-Label
1024	BS-499054	1	S	Pump-Oil
1027	BS-492932	1	S	Filter-Oil
1035	BS-691042	1		Shaft-Pump
1280	BS-697475	1		Seal-O Ring (Oil Filter Cover)
N/S	01009769P	1	S	Complete Engine
N/S	BS-692714	1	S	Short Block

Z-Force 48 B&S Intek
Engine Head Group

Page 23 of 34



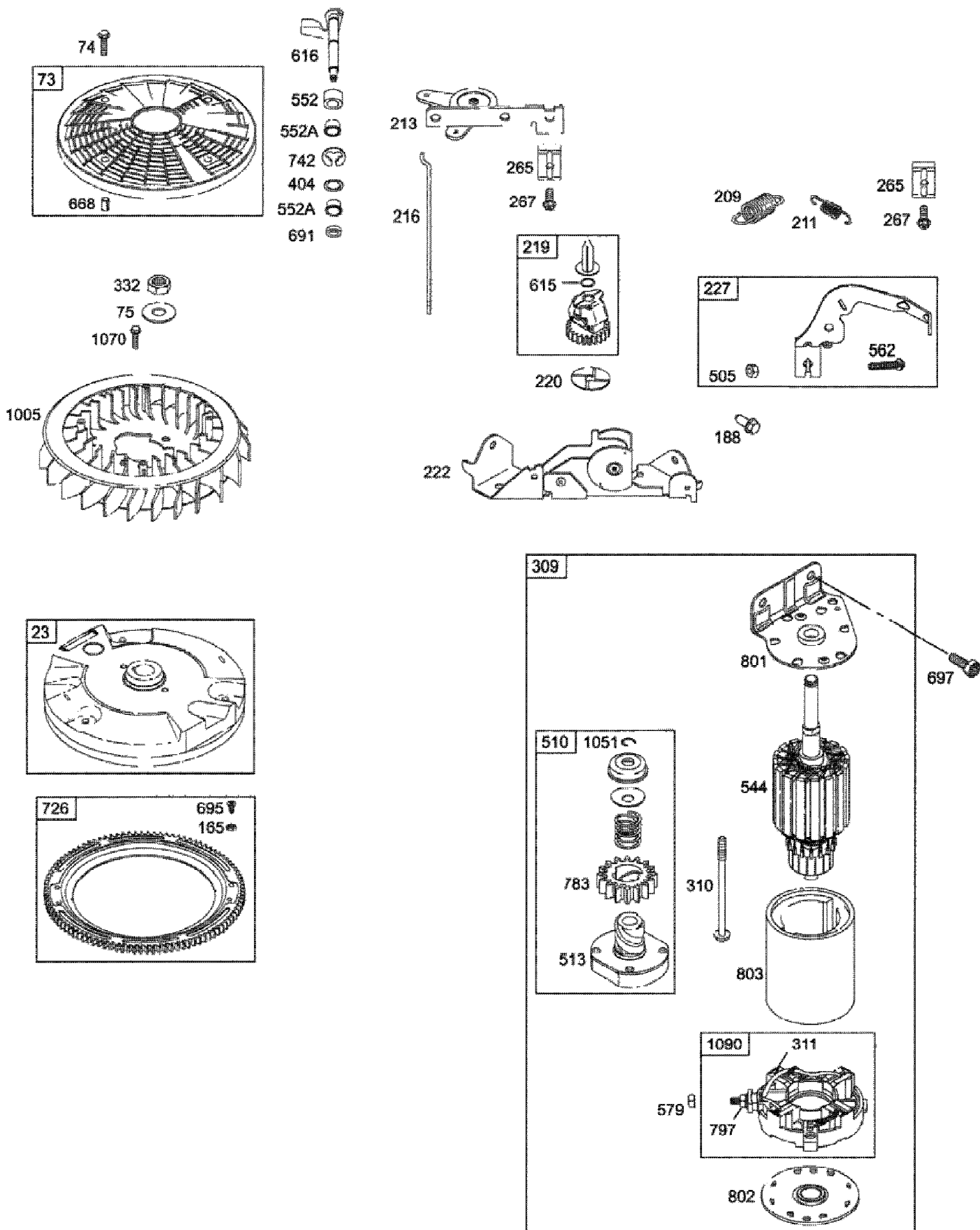
Z-Force 48 B&S Intek
Engine Head Group

Page 24 of 34

Ref #	Part Number	Qty	S/P/F	Description
5	BS-693998	1	S	Head-Cylinder (Cylinder 1)
5A	BS-693999	1	S	Head-Cylinder (Cylinder 2)
7	BS-690962	1	S	Gasket-Cylinder Head
13	BS-690360	1	/P	Screw (Cylinder Head)
33	BS-499596	1		Valve-Exhaust
34	BS-697464	1	S	Valve-Intake
35	BS-690963	1		Spring-Valve (Intake)
36	BS-690963	1		Spring-Valve (Exhaust)
42	BS-499586	1	/P	Keeper-Valve
45	BS-690977	1	/P	Tappet-Valve
50	BS-699801	1		Manifold-Intake
51	BS-690949	1		Gasket-Intake
53	BS-690951	1		Stud (Carburetor)
54	BS-699816	1		Screw (Intake Manifold)
122	BS-699802	1		Spacer-Carburetor
192	BS-690083	1		Adjuster-Rocker Arm
212	BS-699805	1		Link-Throttle
337	759-3336	1	/P	Plug-Spark
635	BS-66538S	1	/P	Boot-Spark Plug
654	BS-690958	1	/P	Nut (Carburetor)
798	BS-697890	1		Screw (Rocker Arm)
868	BS-690968	1	/P	Seal-Valve
883	BS-690970	1	/P	Gasket-Exhaust
914	BS-691127	1	/P	Screw (Rocker Cover)
1022	BS-690971	1	/P	Gasket-Rocker Cover
1023	BS-499599	1		Cover-Rocker Arm (Cylinder 1)
1023A	BS-499600	1		Cover-Rocker Arm (Cylinder 2)
1026	BS-690981	1	/P	Rod-Push (Steel)
1026A	BS-690982	1	/P	Rod-Push (Aluminum)
1029	BS-690972	1		Arm-Rocker
1100	BS-690973	1	/P	Pivot-Rocker Arm
N/S	01009769P	1	S	Complete Engine
N/S	BS-692714	1	S	Short Block

Z-Force 48 B&S Intek
Engine Starter & Flywheel

Page 25 of 34



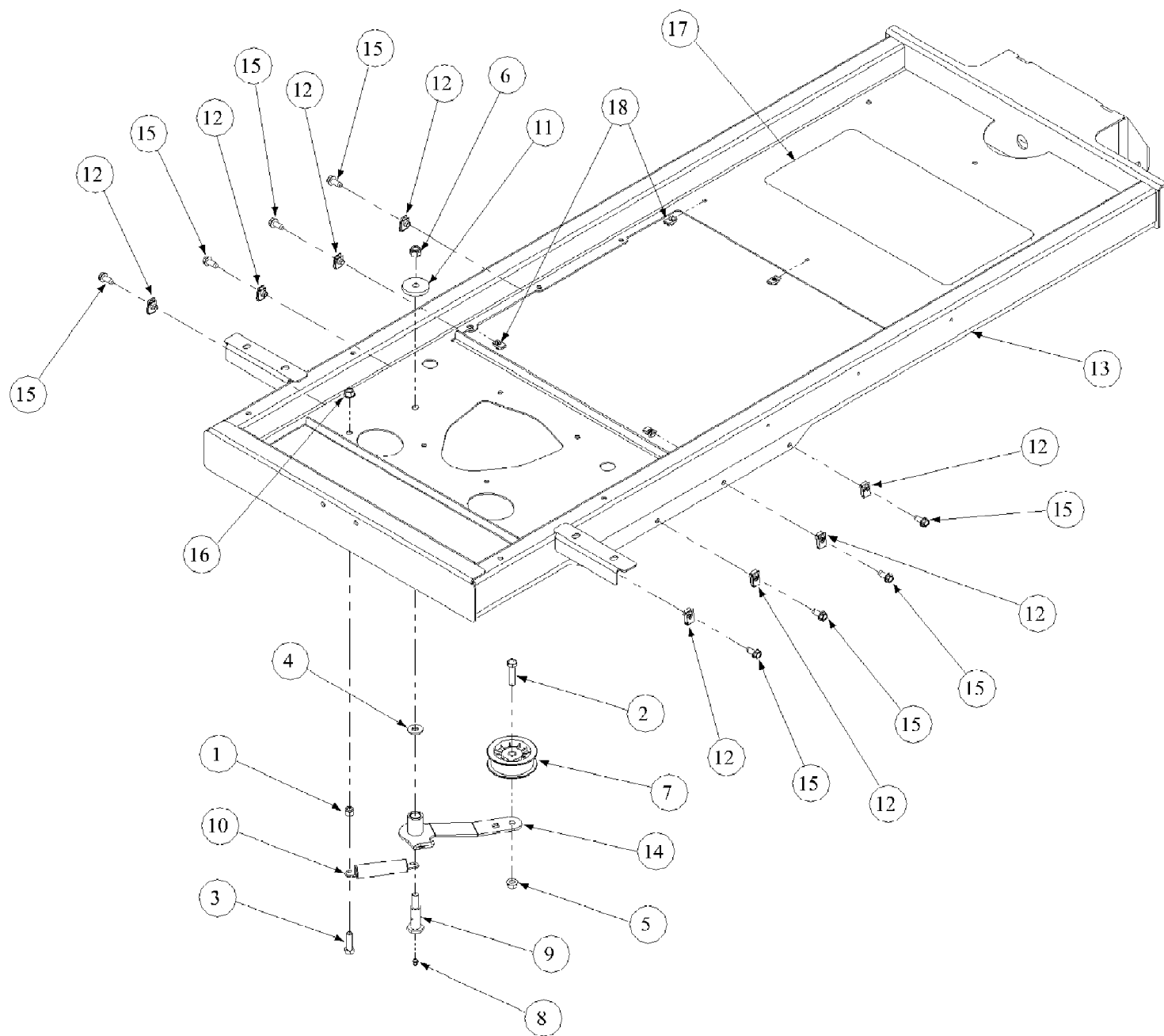
Z-Force 48 B&S Intek
Engine Starter & Flywheel

Page 26 of 34

Ref #	Part Number	Qty	S/P/F	Description
23	BS-691053	1		Flywheel
73	BS-494439	1	/P	Screen-Rotating
74	BS-698425	1		Screw (Rotating Screen)
75	BS-691056	1		Washer (Flywheel)
165	BS-693148	1		Nut (Ring Gear)
188	BS-691003	1	/P	Screw (Control Bracket)
209	BS-698071	1		Spring-Governor
211	BS-691019	1		Spring-Governed Idle
213	BS-691021	1		Bracket-Choke Control
216	BS-691022	1		Link-Choke
219	BS-698231	1	S	Gear-Governor
220	BS-690412	1	/P	Washer (Governor Gear)
222	BS-698761	1		Bracket-Control
227	BS-691048	1	S	Lever-Governor Control
265	BS-691024	1	/P	Clamp-Casing
267	BS-94694	1	/P	Screw
309	BS-497595	1	/P	Motor-Starter
310	BS-690323	1		Bolt (Starter Motor)
311	BS-497608	1	/P	Brush Set
332	BS-691059	1		Nut (Flywheel)
404	BS-690442	1		Washer (Governor Crank)
505	BS-691029	1		Nut (Governor Control Lever)
510	BS-696541	1	/P	Drive-Starter
513	BS-692024	1	/P	Clutch-Drive
544	BS-692034	1	/P	Armature-Starter
552	BS-690552	1		Bushing-Governor Crank
552A	BS-690553	1		Bushing-Governor Crank
562	BS-690311	1		Bolt (Governor Control Lever)
579	BS-691029	1		Nut (Starter Cable)
615	BS-698290	1	/P	Shaft-Governor Retainer
616	BS-691045	1		Crank-Governor
668	BS-691215	1		Spacer
691	BS-690657	1		Seal-Governor Shaft
695	BS-693149	1		Screw (Ring Gear)
697	BS-690372	1	S	Screw (Drive Cap)
726	BS-499612	1		Gear-Ring
742	BS-690328	1	/P	Retainer-E Ring
783	BS-693058	1	S	Gear-Pinion
797	BS-693167	1		Nut (Brush Retainer)
801	BS-691283	1		Cap-Drive
802	BS-691286	1	/P	Cap-End
803	BS-693757	1		Housing-Starter
1005	BS-499603	1		Fan-Flywheel
1051	BS-691265	1	/P	Ring-Retaining
1070	BS-691058	1		Screw (Flywheel Fan)
1090	BS-691293	1	/P	Retainer-Brush
N/S	01009769P	1	S	Complete Engine
N/S	BS-692714	1	S	Short Block

Z-Force 48 B&S Intek
Frame Assembly

Page 27 of 34



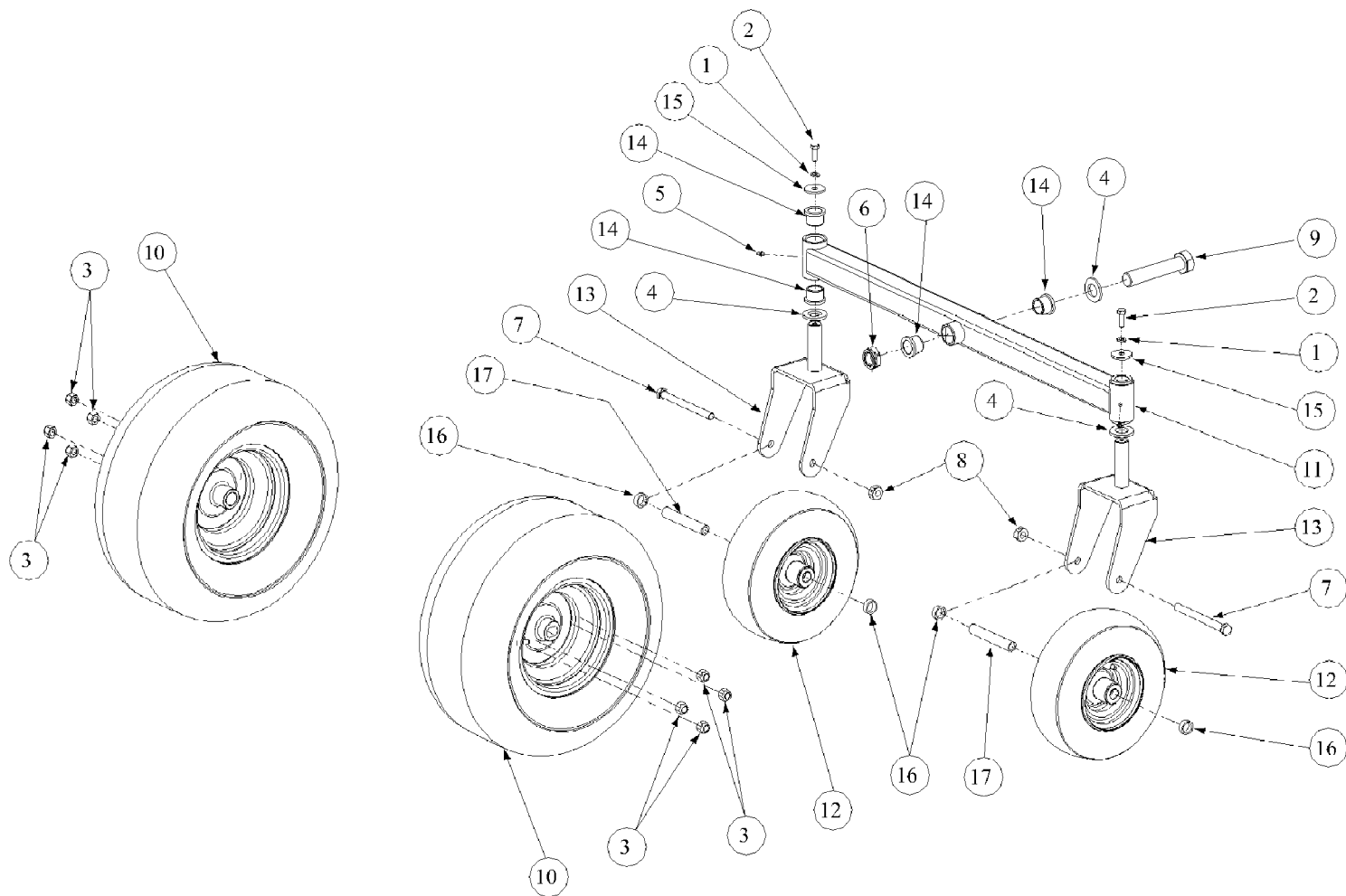
Z-Force 48 B&S Intek
Frame Assembly

Page 28 of 34

Ref #	Part Number	Qty	S/P/F	Description
1	00012166	1		Hex Nut, 5/16-18
2	00011438	1		Hex Cap Screw, 3/8-16 x 1-1/2
3	00013116	1		Hex Cap Screw, 5/16-18 x 1-1/4
4	00006168	1		Flat Washer, 3/8 zinc
5	00022560	1		Hex Nut, 3/8-16 Flange Lock
6	00027279	1	S	Nylock Nut, 7/16-14
7	00030782	1	S	Flat Idler Pully w/ adaptor
8	00060078	1	/P	Grease Fitting, 1/4-28 x 3/16
9	01000505	1	S	Shoulder Bolt
10	01002874	1		Extension Spring, .865 OD x 4.68 lg
11	01003269	1		Flat Washer, 7/16 ID x 1.75 OD
12	01003563	8		U-Nut, 5/16-18
13	01008480	1	S	Frame Assembly Weldment
14	01008399	1		Idler Arm Assembly
15	01008764	8		Hex Washer Screw 5/16-18 x .750
16	01000635	1	S	Nut, 5/16-18, Hexflange Lock
17	01006528	1		Abrasive Foot Pad
18	01008539	5	S	U-Nut, 1/4-20

Z-Force 48 B&S Intek
Front Caster & Tire Assembly 48"

Page 29 of 34



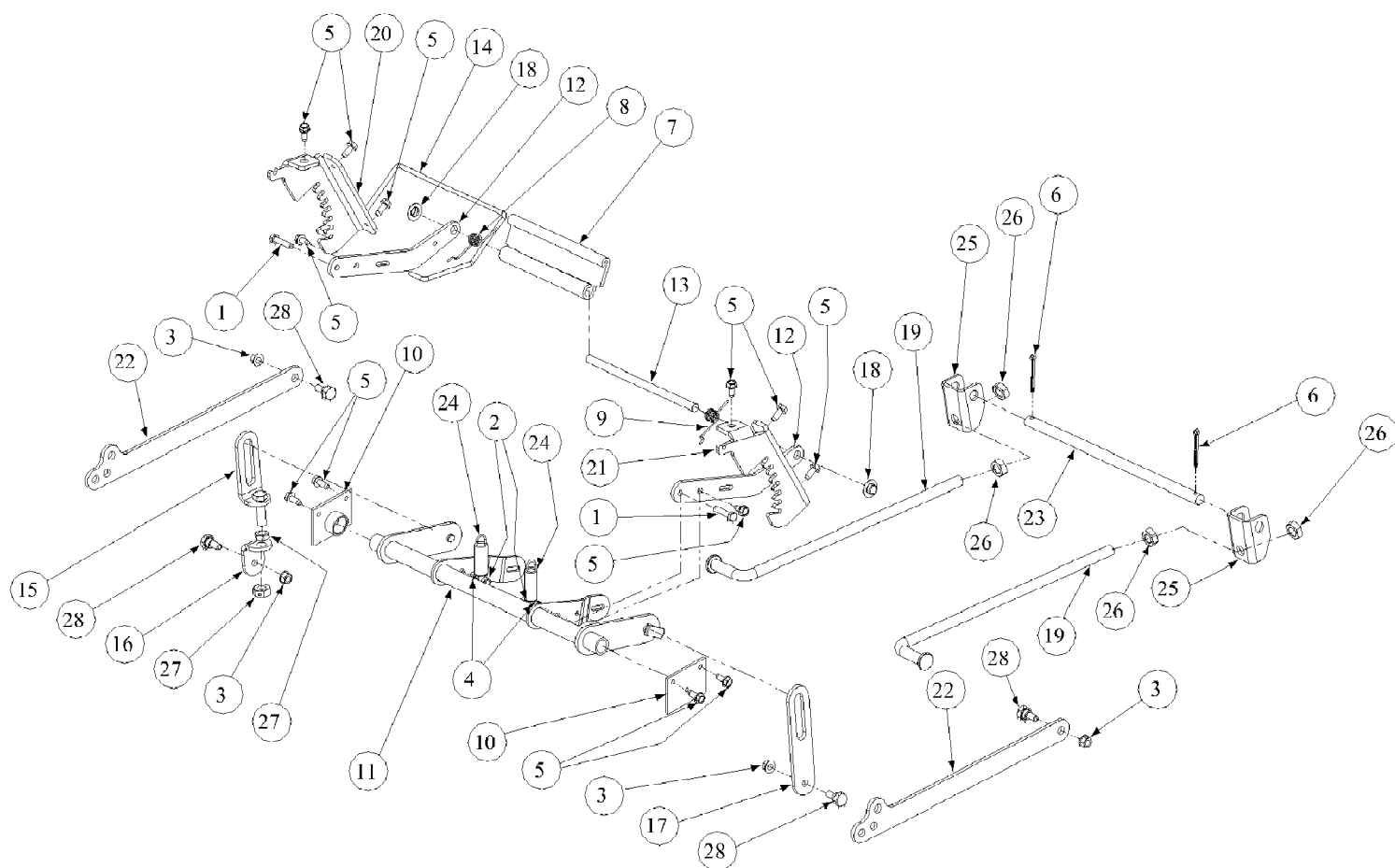
Z-Force 48 B&S Intek
Front Caster & Tire Assembly 48"

Page 30 of 34

Ref #	Part Number	Qty	S/P/F	Description
1	00012157	2	S	Lock Washer, 3/8 Zinc
2	01000368	2	S	Hex Cap Screw, 3/8-16 x .88
3	00012187	8		Lug Nut, 1/2-20
4	00023822	3		Washer Special
5	00060078	2	/P	Grease Fitting, 1/4-28 x 3/16
6	01000678	1	S	Nut Jam, 1.0-14, Nylon Insert
7	01000745	2	S	Hex Cap Screw, 1/2-20 x 5.50
8	00023287	2		Nut, 1/2-20, Center Lock
9	01006309	1	/P	Hex Cap Screw, 1-14 x 5.0
10	01009828	2		Wheel Assembly, 18 x 9.5
11	01008405	1		Front Axle Assembly
12	634-3163	2	/P	Front Wheel Assembly
12	741-3069	1		Bearing, Flange Not Shown
12	741-3070	1	S	Bearing, Roller Not Shown
13	01008550	2		Castor Wheel Mounting Bracket
14	731-0374	6	S	Flange Bearing, 1.0 ID
15	01009253	2		Flat Washer, .390 x 1.5 x .134
16	00023649	4	S	Spacer, .790 ID x .347 Lg
17	750-3197A	2	/P	Wheel Spacer

Z-Force 48 B&S Intek
Lift Assembly

Page 31 of 34



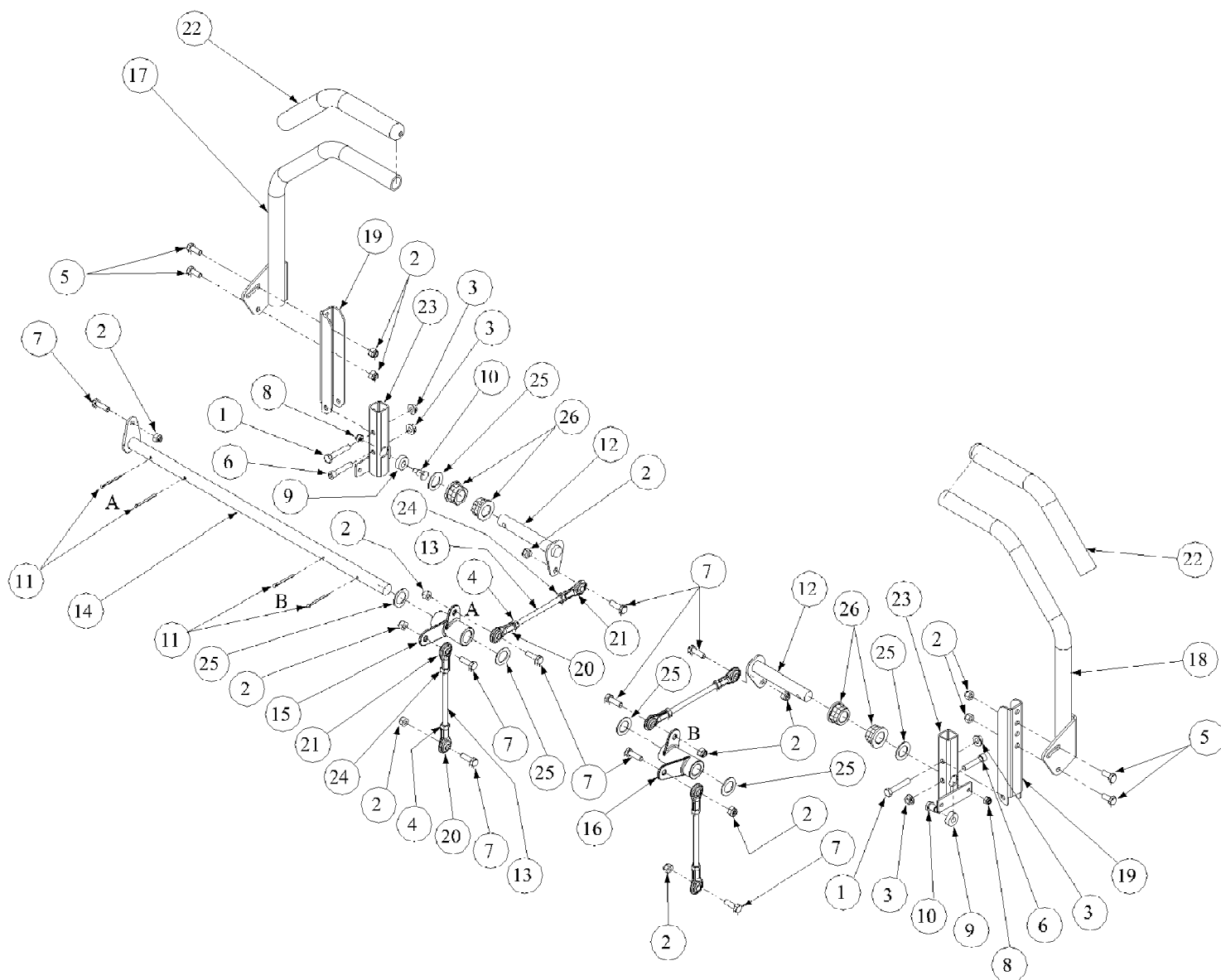
Z-Force 48 B&S Intek
Lift Assembly

Page 32 of 34

Ref #	Part Number	Qty	S/P/F	Description
1	00012382	2		Hex Cap Screw, 5/16-18 x 1-1/2
2	00022547	2		Nut, 5/16-18, Center Lock
3	00022560	4		Nut, 3/8-16, Hex Flange Lock
4	00012166	2		Hex Nut, 5/16-18
5	01008620	12		Self Tapping Screw, 5/16-18 x 3/4
6	00060018	2		Cotter Pin, 3/16 x 1-1
7	01008139	1	/P	Deck Lift Handle
8	01008140	1	S	Deck Lift Spring, Left Hand
9	01008141	1	S	Deck Lift Spring, Right Hand
10	01008477	2	S	Lift Hub Assembly
11	01008459	1		Lift Shaft Assembly
12	01008494	2		Handle Lift Arm
13	01008175	1	S	Lift Handle Rod
14	01008176	1	S	Lift Rod Index
15	01008467	1	S	Upper Link Lift Assembly, Left Hand
16	01008183	1	S	Lower Lift Bracket, Left Hand
17	01008186	1	S	Link Lift PLate, Right Hand
18	01008187	2	S	Cap Lift Push Nut
19	01008382	2	/P	Front Lift Rod
20	01008188	1		Lift Index Weldment, Left Hand
21	01008189	1		Lift Index Weldment, Right Hand
22	01008465	2		Rear Lift Arm
23	01008557	1	S	Front Lift Rod
24	01008573	2	S	Lift Spring
25	01008638	2		Front Lift Bracket (44" & 48")
	01009712	2		Front Lift Bracket (42")
26	00035632	4	S	Jam Nut, 5/8-11
27	01008658	2		Jam Nut, 1/2-20
28	738-3151	4		Shoulder Screw, 3/8-16, .56 x .27

Z-Force 48 B&S Intek
Steering Assembly

Page 33 of 34



Z-Force 48 B&S Intek
Steering Assembly

Page 34 of 34

Ref #	Part Number	Qty	S/P/F	Description
1	00006129	2		Hex Cap Screw, 5/16-18 x 1-3/4
2	00012165	13		Nut, 5/16-18, Nylock
3	01000635	4	S	Nut, 5/16-18, Lock
4	00012167	4	S	Hex Nut, 5/16-24
5	00012179	4		Hex Cap Screw, 5/16-18 x 3/4
6	01008600	2		Capscrew, 5/16-18 x 1.50, Socket Head
7	00013092	9		Hex Cap Screw, 5/16-18 x 1.0
8	00014081	2	S	Nut, 1/4-28, SS, Nylon Insert
9	00071691	2		Control Rod Spacer
10	01001919	2		Shoulder Screw, 1/4-28
11	00003107	4		Cotter Pin, .125 Dia. x 1.0
12	01008433	2	S	Steering Input Shaft Assembly
13	01008149	4	S	Steering Link Rod
14	01008432	1	S	Bellcrank Steering Shaft Assembly
15	01008840	1	/P	Steering Bellcrank Assembly Left Hand
16	01008841	1	/P	Steering Bellcrank Assembly Right Hand
17	01008425	1		Steering Handle Assembly Left Hand
18	01008426	1		Steering Handle Assembly Right Hand
19	01008165	2	S	Steering Pivot Bracket
20	01008410	4	S	Rod End, 5/16, Right Hand
21	01008551	4	S	Rod End, 5/16, Left Hand
22	01008552	2	S	Lap Bar Grip
23	01008458	2		Pivot Bracket Weldment
24	01008576	4	S	Hex Nut, 5/16-24, Left Hand
25	736-0287	6	S	Flat Washer, .793 ID x 1.24 OD x .060
26	741-0598	4	S	Hex Flange Bearing, .752 ID