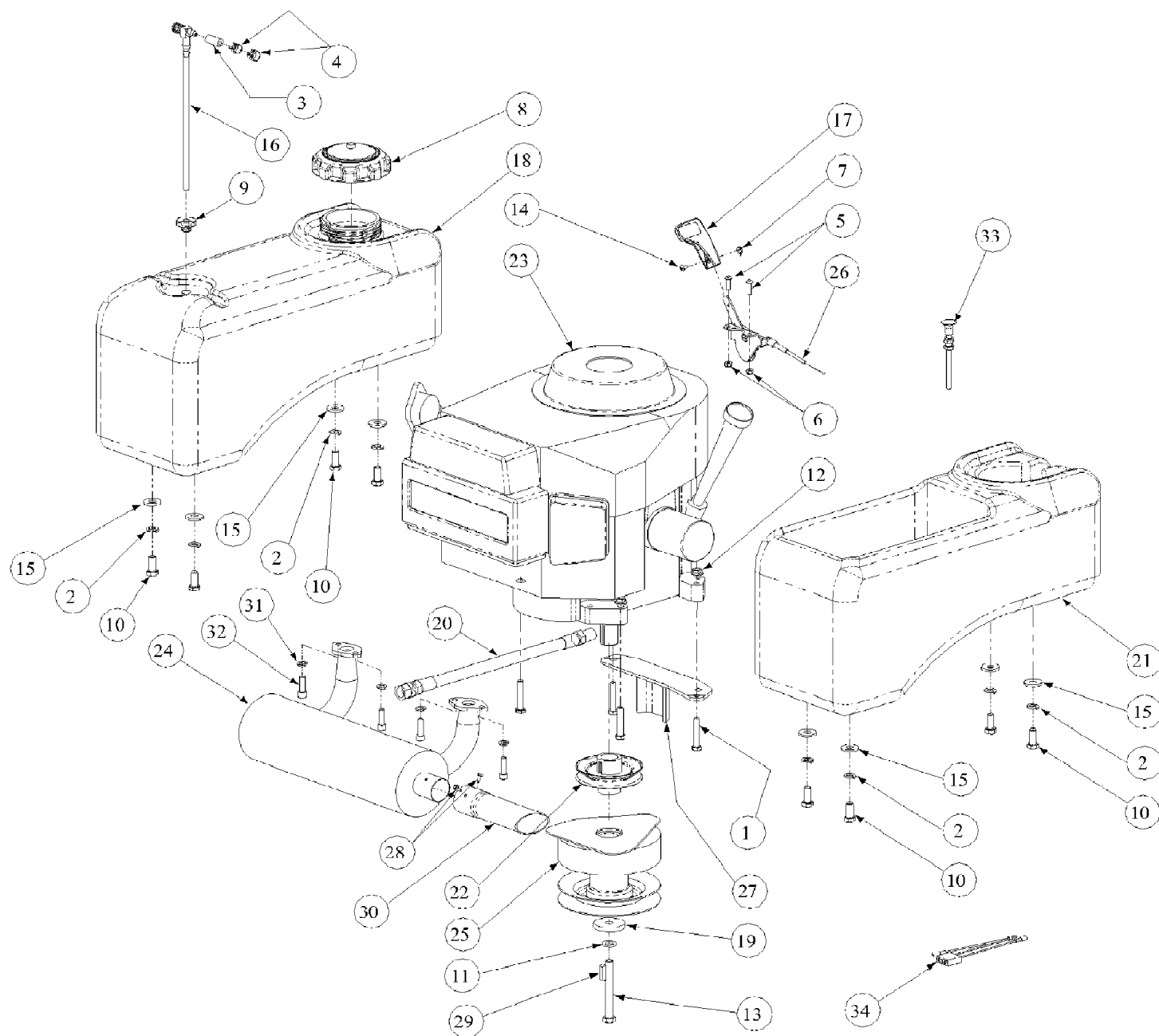


Z-Force 44 B&S
Briggs Engine Assembly 18HP

Page 1 of 47



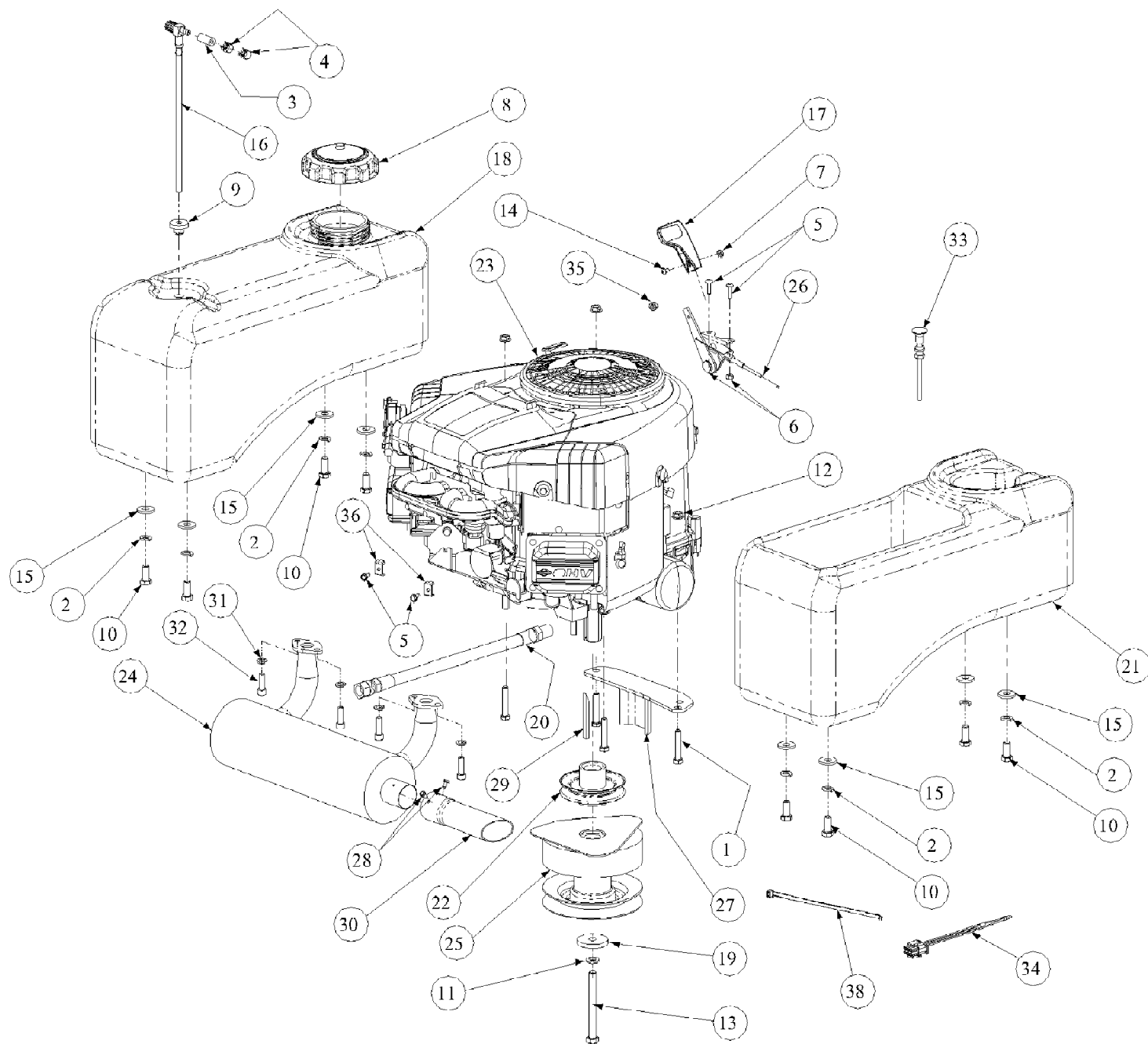
Z-Force 44 B&S
Briggs Engine Assembly 18HP

Page 2 of 47

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	00014602	2		Round Head Machine Screw, 10-32 x 3/4
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	01008637	1	S	Hex Cap Screw, 7/16-20 x 4.0
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	01008381	1	S	Electric PTO Engine Pulley use with 00025344
22	01008808	1	S	Electric PTO Engine Pulley use with 01007533
23	01008883	1	S	18HP Twin Briggs Engine
24	01008902	1		Briggs Muffler
25	01008544	1	S	Ogura JD08 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	00025344	1		Key, 1/4 x 1/4 x 7/8 use with 01008381
29	01007533	1		Key, 1/4 x 1/4 x 2.75 use with 01008808
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	01008881	1		Harness Adaptor

Z-Force 44 B&S
Briggs Engine Assembly 20HP

Page 3 of 47



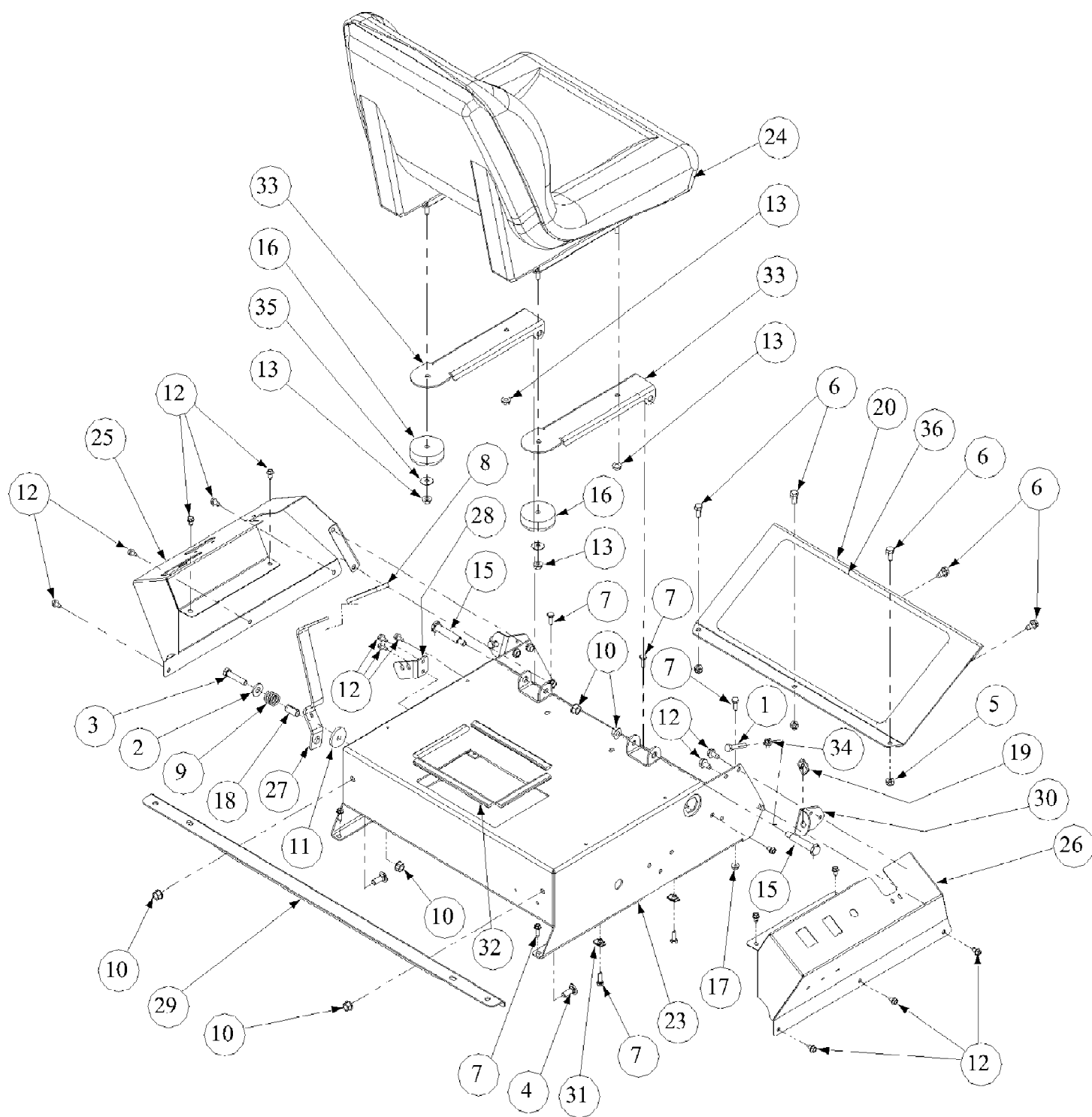
Z-Force 44 B&S
Briggs Engine Assembly 20HP

Page 4 of 47

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	4	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	01008637	1	S	Hex Cap Screw, 7/16-20 x 4.0
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	01009724	1	S	20HP Briggs Engine
24	01008902	1		Briggs Muffler
25	01008544	1	S	Ogura JD08 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	01002070	2	S	Throttle Cable Clamp
37	01001811	1		Hour Meter Harness (Not shown)
38	00012470	1	S	Cable Tie, 3/16 x .05 x 7.4

Z-Force 44 B&S
Control Assembly 42"/44"

Page 5 of 47



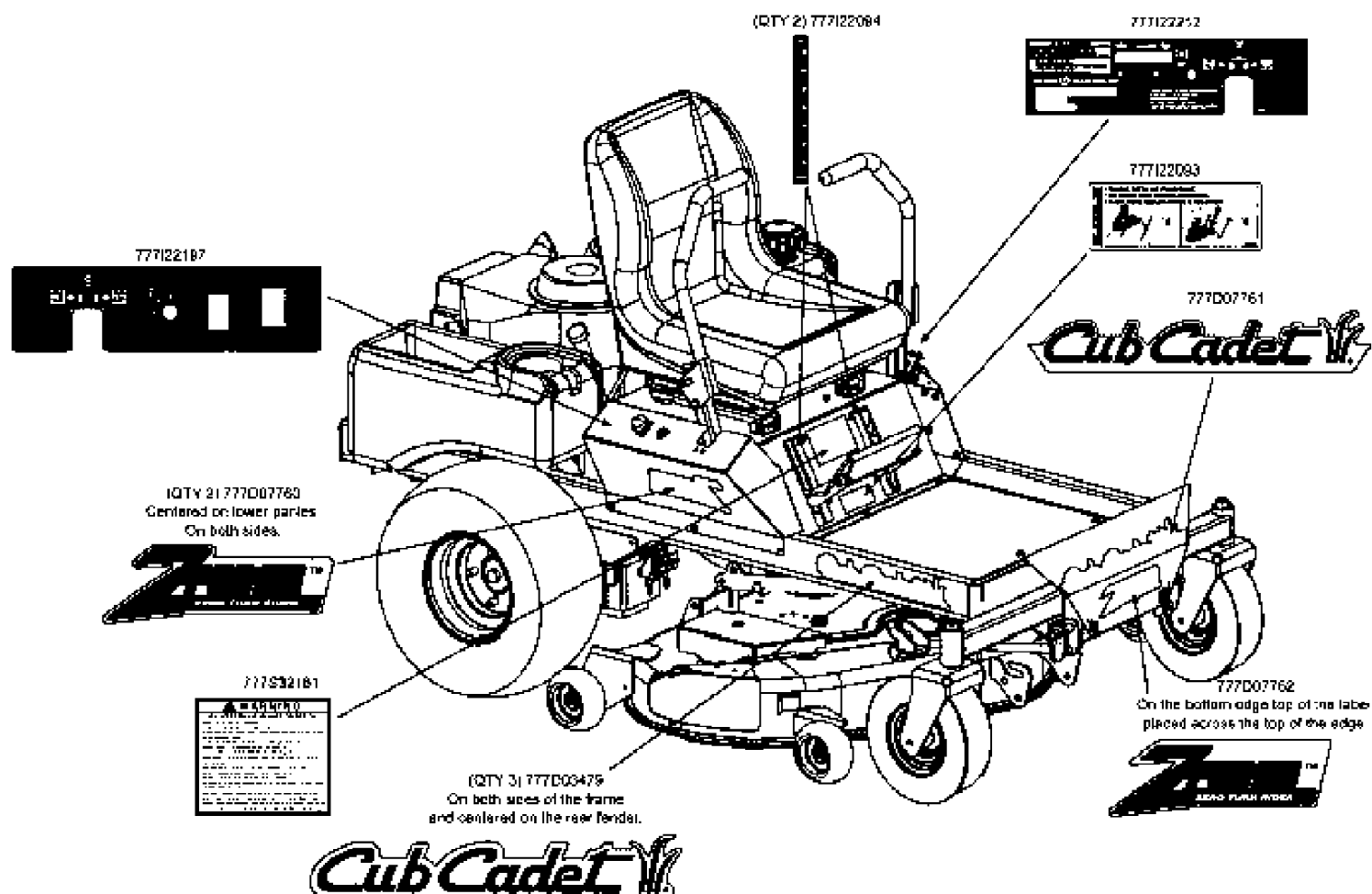
Z-Force 44 B&S
Control Assembly 42"/44"

Page 6 of 47

Ref #	Part Number	Qty	S/P/F	Description
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	20	S	Screw, 1/4-20 x 1/2
13	01000635	4	S	Hex Nut, 5/16-18 Flange Lock
15	01002634	2		Shoulder Screw, 3/8-16, .5 x 2.345
16	01002753	2		Gromment, 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	01008528	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 44 B&S
Decal Map (Part 1)

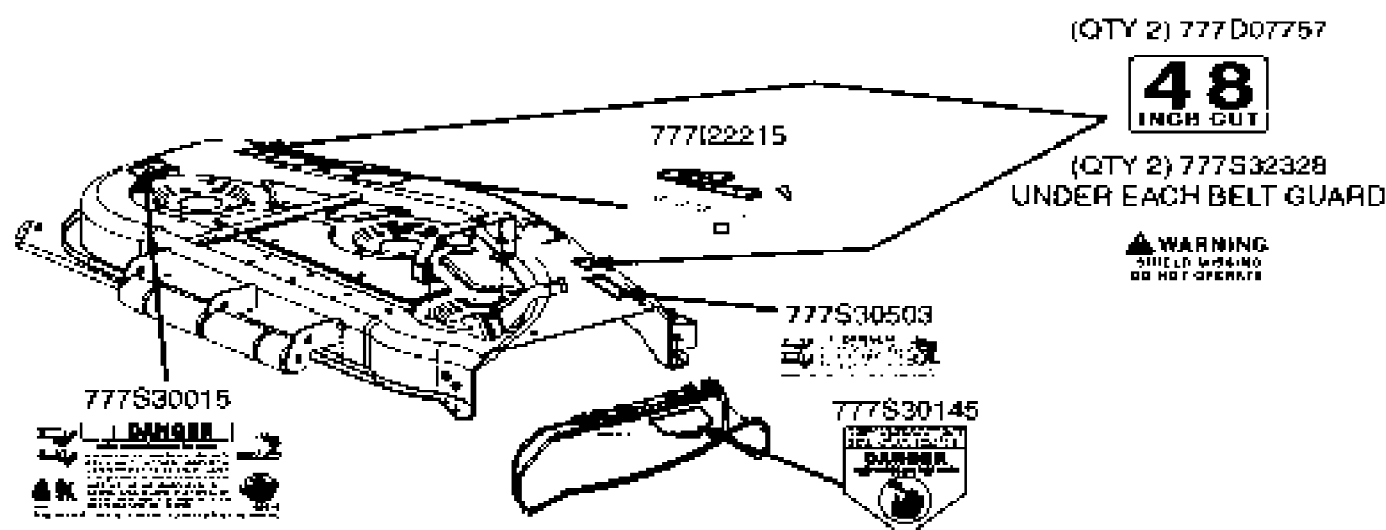
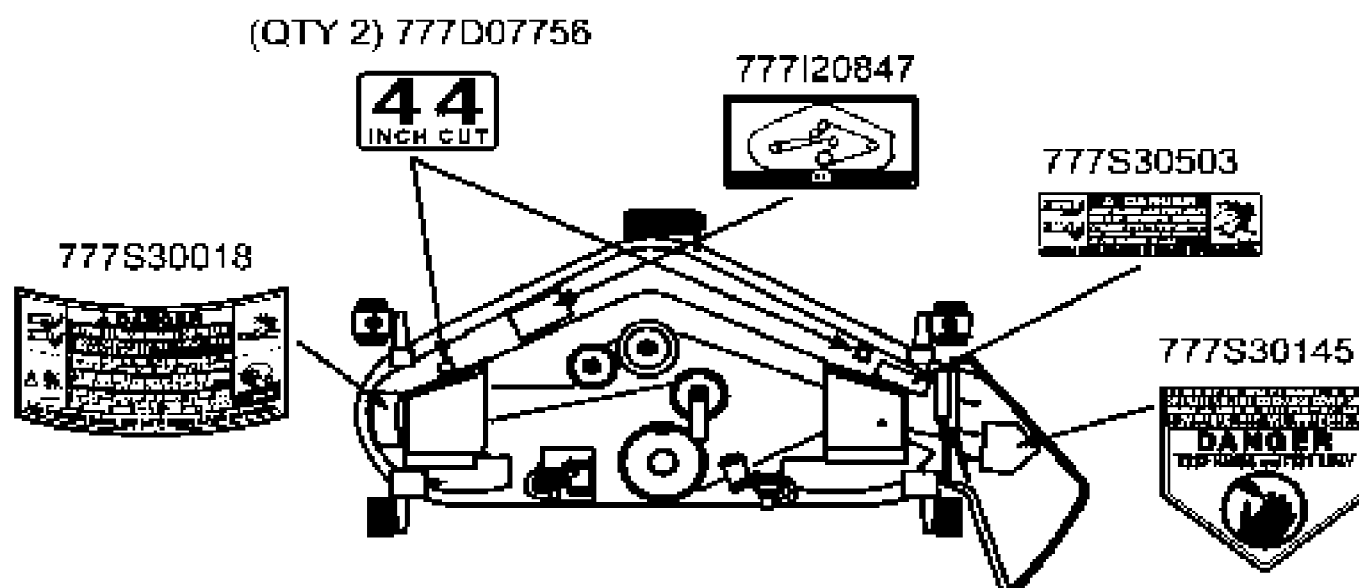
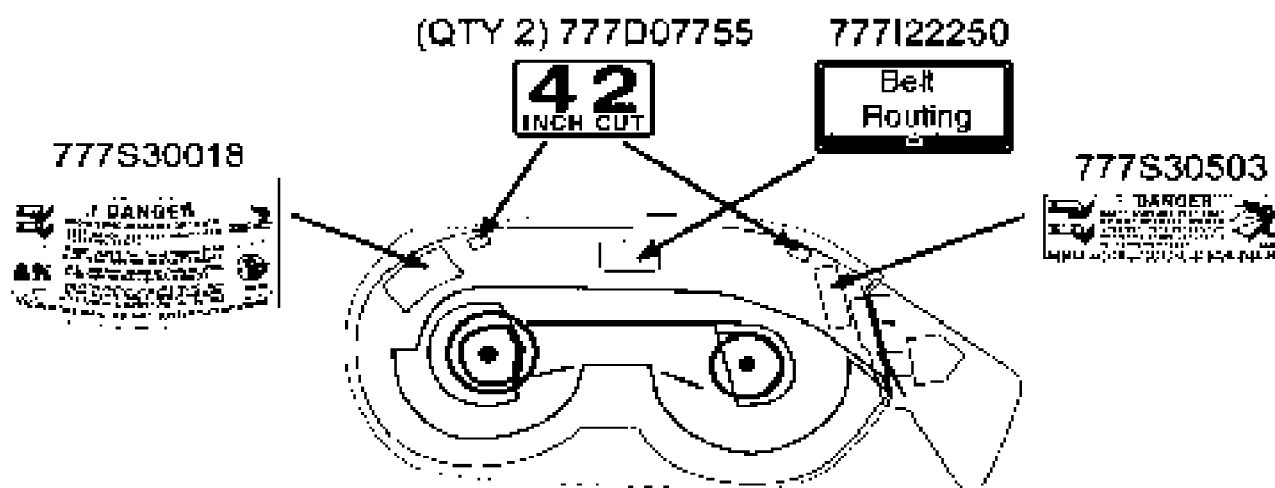
Page 7 of 47



Z-Force 44 B&S
Decal Map (Part 1)

Page 8 of 47

Ref #	Part Number	Qty	S/P/F	Description
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



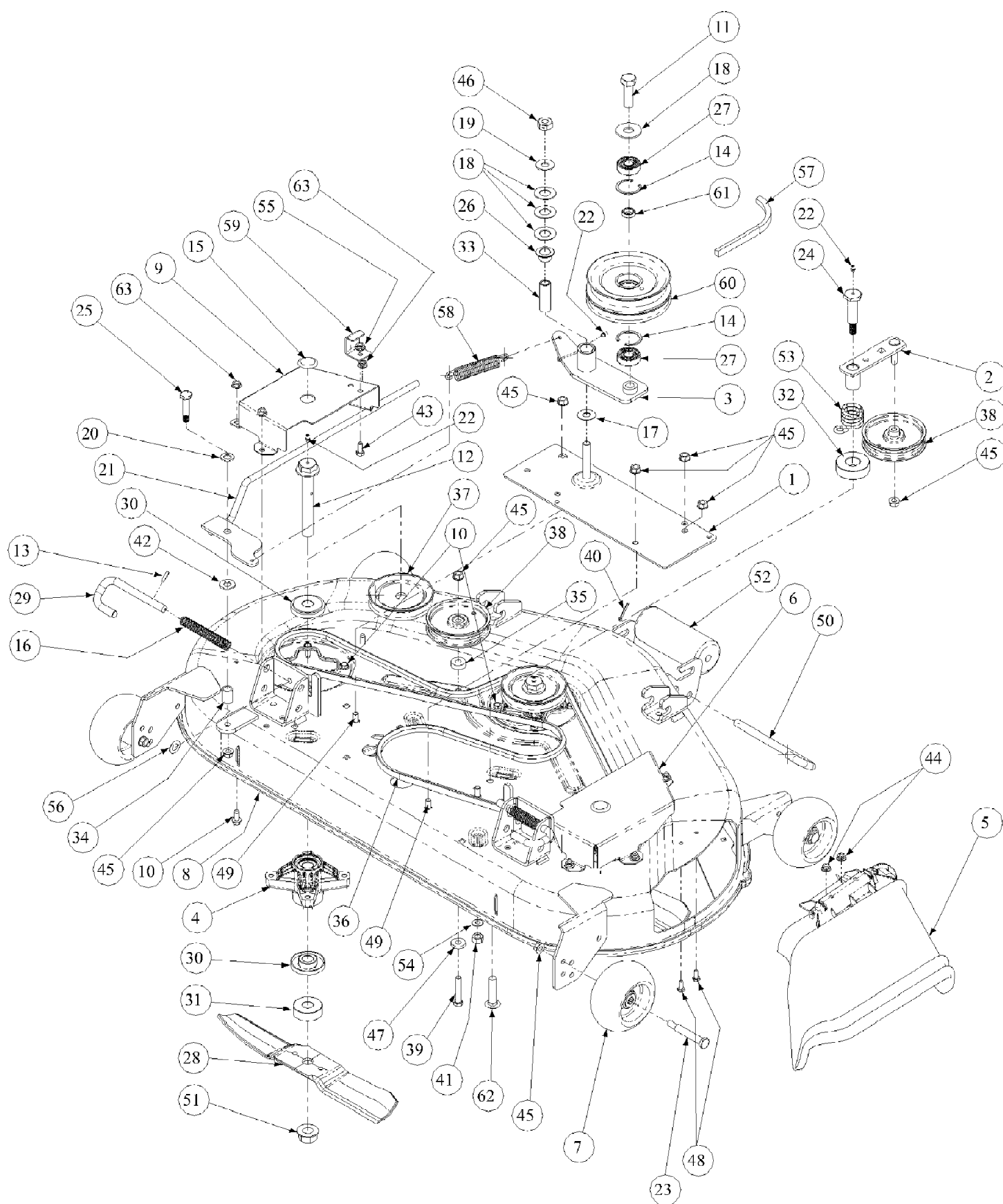
Z-Force 44 B&S
Decal Map (Part 2)

Page 10 of 47

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 44 B&S
Deck 44 Idler Driven

Page 11 of 47



Z-Force 44 B&S
Deck 44 Idler Driven

Page 12 of 47

Ref #	Part Number	Qty	S/P/F	Description
1	01008590	1		Deck Mounting Plate Assembly
2	01008593	1		Idler Arm Assembly
3	01008589	1		Idler Assembly
4	618-3129A	3	S	Spindle Assembly
5	631-0094A	1	/P	Chute Assembly
6	01008587	1	S	Belt Cover Right Hand
7	703-1890	4	S	Deck Wheel
8	01008481	1	S	Deck Assembly 44"
9	01008586	1		Belt Cover Left Hand
10	01008620	18		Self Tapping Screw 5/16-18 x .750
11	01008530	1	S	Hex Cap Screw 5/8-18 x 4.25
12	710-1852	3		Spindle Bolt 3/4-16 x 5.37
13	715-3003	2	/P	Pin
14	716-3020	2	S	Internal Snap Ring
15	726-3045	2	/P	Button Plug
16	732-0802	2		Compression Spring .63 OD x 6.3
17	736-0100	1	/P	Flat Washer .531 ID x 1.25 OD
18	736-0188	4	/P	Flat Washer .76 ID x 1.49 OD
19	736-0179	1	S	Flat Washer .50 ID x 1.25 OD
20	01000873	1	S	Flat Washer .536 ID x .93 OD
21	01008538	1		Deck Handle Weldment
22	737-3000	5	S	Grease Fitting
23	738-3056	4	S	Shoulder Screw 1/2 x 2.5
24	738-3172	1		Shoulder Screw .68 x 2.11
25	738-0213	1	/P	Shoulder Screw .498 x 1.445
26	741-0338	2	/P	Flange Bearing .75 ID x .52
27	741-0524	2	S	Bearing .625 ID x 1.574 OD
28	01008616	3	S	Blade
29	747-3013	2	/P	Support Pin
30	748-3065	6	S	Spindle Spacer
31	748-3020	3	S	Blade Spacer
32	01008456	1		Spacer .760 ID x 1.5 OD
33	750-0656	1	/P	Spacer .50 OD x .75 ID
34	750-0150	1		Spacer .550 ID x .750 OD
35	750-3119	1	/P	Spacer .406 ID x 1.0 OD
36	754-3039	1	S	Belt
37	756-3089	3		Pulley
38	01004081	2	S	Flat Pulley
39	00002528	1		Hex Cap Screw 3/8-16 x 2.00
40	00003107	1		Cotter Pin .125 Dia x 1.0
41	00027279	1	S	Nut 7/16-14, Nylock
42	00010958	1		Flat Washer .50 ID x 1.065 OD
43	00013406	1		Hex Cap Screw 5/16-18 x .75
44	01002766	2	S	Nut, 1/4-20, hexflange Lock
45	00022560	11		Hex Nut, 3/8-16, Flange Lock
46	00023287	1		Nut, 1/2-20, Center Lock
47	00083192	1		Idler Washer
48	01000338	2	S	Hex Cap Screw 1/4-20 x .620
49	01000372	3	S	Carriage Bolt 3/8-16 x .75
50	01000375	1	S	Roller Pin 1/2 x 7.31
51	01000380	3	S	Nut, 3/4-16, Hex Flange
52	01000385	1	S	Front Roller
53	732-3067	1		Idler Torsion Spring

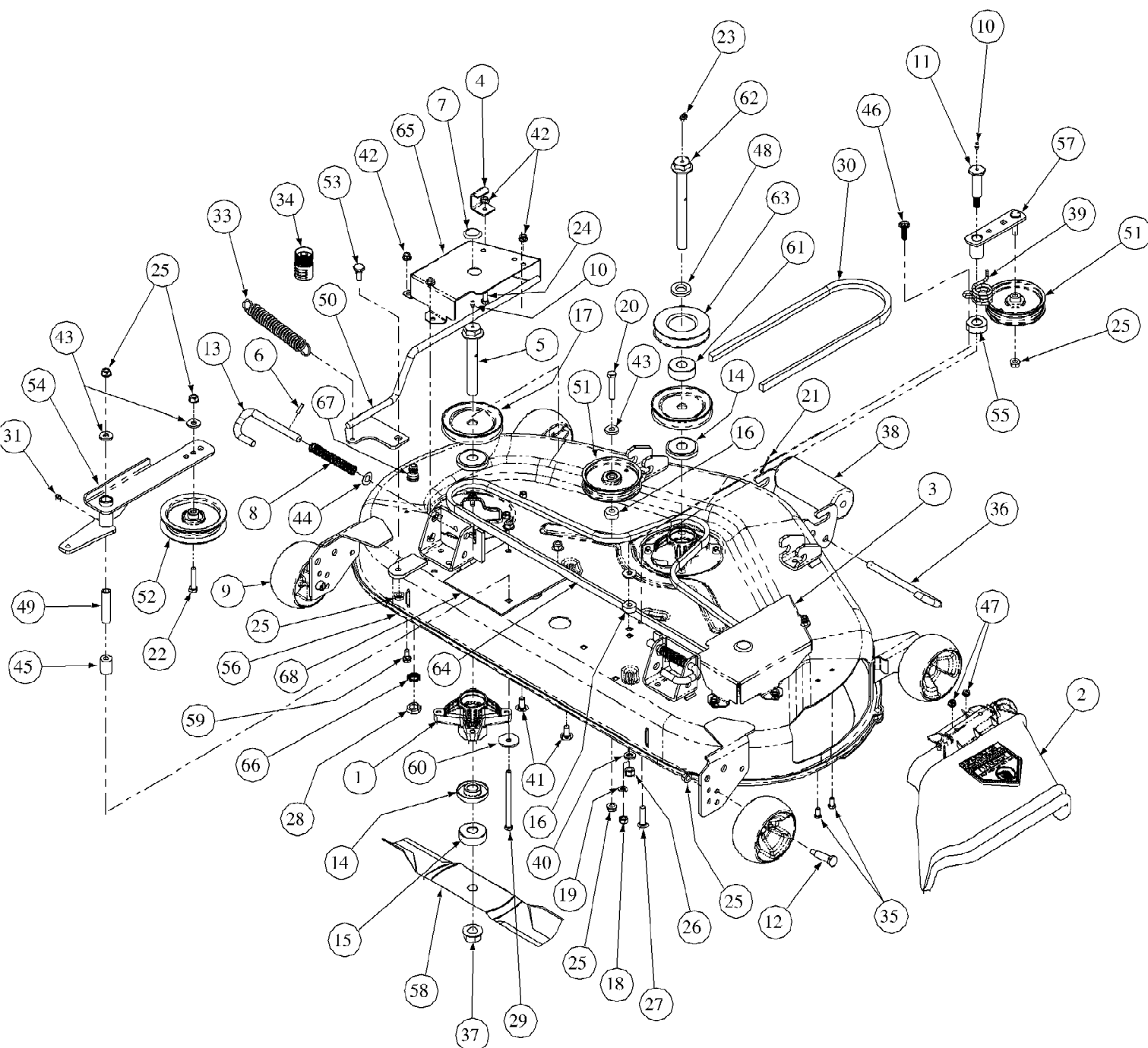
Z-Force 44 B&S
Deck 44 Idler Driven

Page 13 of 47

Ref #	Part Number	Qty	S/P/F	Description
54	01000393	1	S	Flat Washer, .469 ID x .875 OD x .105
55	01000635	1	S	Lock Nut 5/16-18 Hex Flange
56	01000930	2	S	Flat Washer .508 ID x 1.0 OD
57	01002391	1		Belt
58	01002874	1		Extension Spring .865 OD x 4.68
59	01004863	1	S	Tension Rod Stop Bracket
60	01008376	1	S	Double Pulley
61	01008404	1	S	Spacer .635 ID x .88 OD
62	00030276	1		Carriage Bolt 3/8-16 x 1.50
63	00012166	6		Hex Nut, 5/16-18

Z-Force 44 B&S
Deck 44 Spindle Driven

Page 14 of 47



Z-Force 44 B&S
Deck 44 Spindle Driven

Page 15 of 47

Ref #	Part Number	Qty	S/P/F	Description
1	618-3129B	3	S	Spindle Assembly
2	631-0094A	1	/P	Chute Assembly
3	01008587	1	S	Belt Cover Right Hand
4	01004109	1	/P	Tension Rod Stop Bracket
5	710-1852	2		Spindle Bolt 3/4-16 x 5.37
6	715-3003	2	/P	Pin
7	726-3045	2	/P	Button Plug
8	732-0802	2		Compression Spring .63 OD x 6.3
9	734-04039	4	S	Deck Wheel, 5.00 Dia.
10	737-3000	3	S	Grease Fitting
11	738-3172	1		Shoulder Screw .68 x 2.11
12	738-0373	4	S	Shoulder Screw .498 x 1.53
13	747-3013	2	/P	Support Pin
14	748-3065	6	S	Spindle Spacer
15	748-3020	3	S	Blade Spacer
16	750-3119	2	/P	Spacer .406 ID x 1.0 OD
17	756-3089	3		Pulley Deck drive
18	00006131	1	S	Hex Nut 3/8-16
19	00012157	1	S	Lock Washer, 3/8
20	00002528	1		Hex Cap Screw 3/8-16 x 2.00
21	00003107	1		Cotter Pin .125 Dia x 1.0
22	00008495	1		Capscrew, 3/8-16 x 1-3/4
23	00012226	1	S	Grease Fitting, 1/4-28, 90 degree
24	00013406	1		Hex Cap Screw 5/16-18 x .75
25	00022560	11		Hex Nut, 3/8-16, Flange Lock
26	00027279	1	S	Nut 7/16-14, Nylock
27	00030276	1		Carriage Bolt 3/8-16 x 1.50
28	712-0641	2	S	Hex Nut, M16-1.5
29	00034167	1		Hex Cap Screw 3/8-16 x 5.00
30	00050441	1	/P	V-Belt, B-Section PTO drive
31	00060078	1	/P	Grease Fitting, 1/4-28 x 3/16
32	00083192	1		Idler Washer
33	01000199	1		Extension Spring, 1.0 OD x 5.00
34	721-04041	1	S	Water Nozzle Adaptor
35	01000338	2	S	Hex Cap Screw 1/4-20 x .620
36	01000375	1	S	Roller Pin 1/2 x 7.31
37	02000402	3		Nut, 3/4-16, Hex Flange
38	01000385	1	S	Front Roller
39	01000387	1	S	Idler Spring
40	01000393	1	S	Flat Washer, .469 ID x .875 OD x .105
41	01000372	2	S	Carriage Bolt, 3/8-16 x .75
42	01000635	7	S	Lock Nut 5/16-18 Hex Flange
43	01000723	4	S	Flat Washer, .406 ID x 1.0 OD x .105
44	01000930	2	S	Flat Washer .508 ID x 1.0 OD
45	01001539	1		Spacer, .39 ID x .875 OD x 1.100
46	01002010	1	S	Carriage Screw, 3/8-16 x 1.25
47	01002766	2	S	Nut, 1/4-20, hexflange Lock
48	01003123	1		Spacer .812 ID x .218
49	01003245	1		Spacer, .39 ID x .625 OD x 2.75
50	01004865	1		Deck Handle Weldment
51	01004081	2	S	Flat Pulley
52	01004101	1	S	Idler Pulley, 4.06 OD
53	01004118	1		Shoulder Screw .50 x .27 Lg., 3/8-16

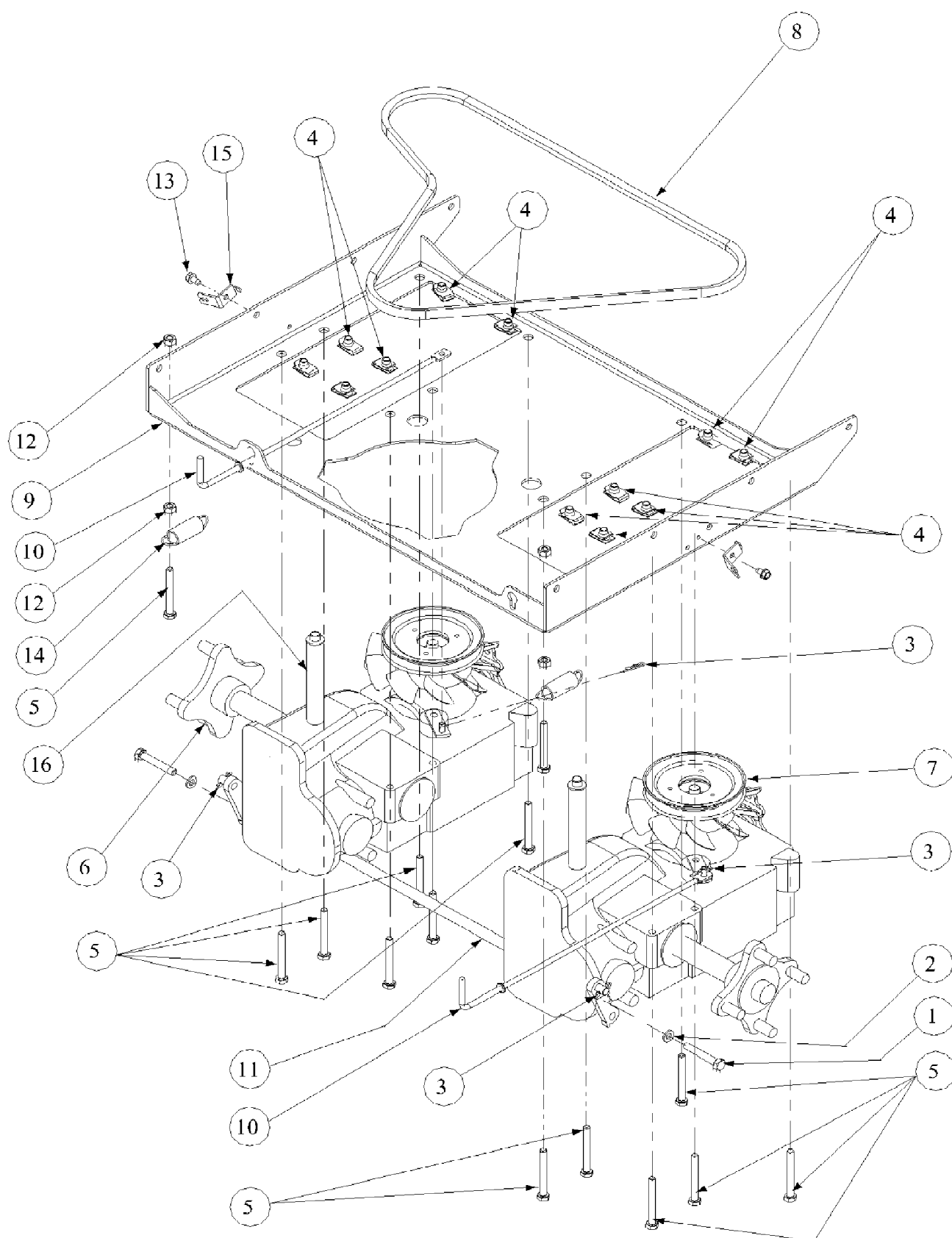
Z-Force 44 B&S
Deck 44 Spindle Driven

Page 16 of 47

Ref #	Part Number	Qty	S/P/F	Description
54	02000134	1	S	Idler Arm Assembly, Top
54	01000308	2		Bearing Sleeve Not shown
55	01008456	1		Spacer .760 ID x 1.5 OD
56	02000619	1	/P	Deck Assembly 44"
57	01008593	1		Idler Arm Assembly
58	01008616	3	S	Blade
59	01008620	18		Self Tapping Screw 5/16-18 x .750
60	01009253	1		Washer, 5/16-18
61	01010014	1	S	Spacer .760 ID x 2.00 OD x 0.790
62	02000071	1		Spindle Bolt 3/4-16 x 7.155
63	02000079	1	/P	V-Pulley 4.25 OD Casting PTO drive
64	02000103	1		V-Belt, A-Section Deck
65	02000108	1		Belt Cover Left Hand
66	736-0760	2	S	Lock Washer, 17 x 23.8 x 1.95
67	737-04003B	2	S	Deck Water Nozzle If equipped
68	02000636	1		Deck Plate
	01008434	1	S	Clutch, PTO, Ogura MA-GT-DX11CU Not shown
	01005314	1	S	Flat Washer, 7/16 ID x 1.75 OD x .250 Not shown
	01000389	1	S	Lock Washer, 7/16 Not shown
	01000813	1	S	Hex Cap Screw, 7/16-20 x 3.0 Not shown

Z-Force 44 B&S
Drive Train Assembly

Page 17 of 47



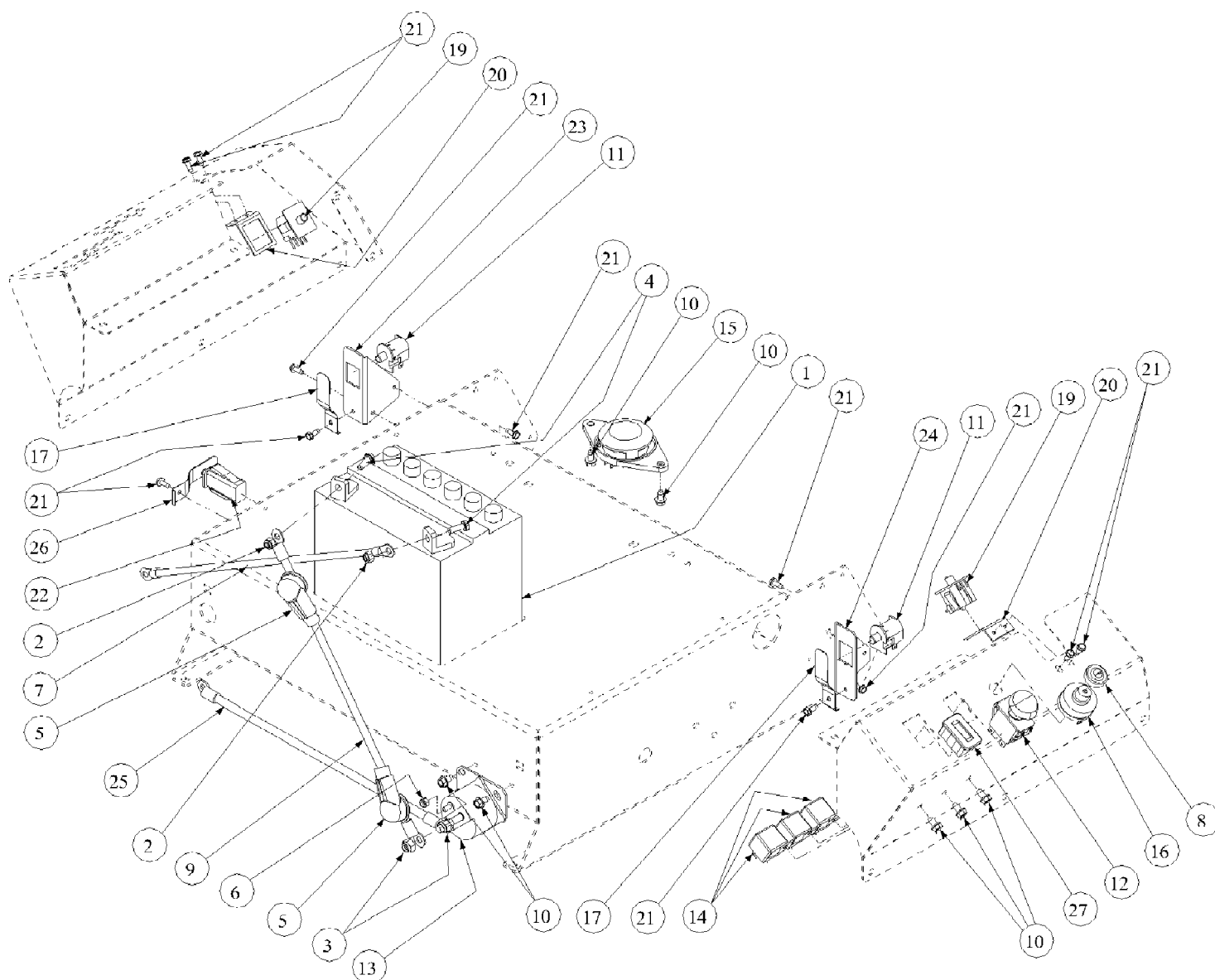
Z-Force 44 B&S
Drive Train Assembly

Page 18 of 47

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 44 B&S
Electrical Assembly

Page 19 of 47



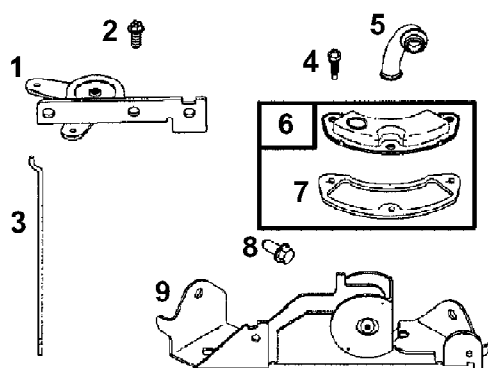
Z-Force 44 B&S
Electrical Assembly

Page 20 of 47

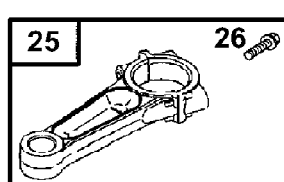
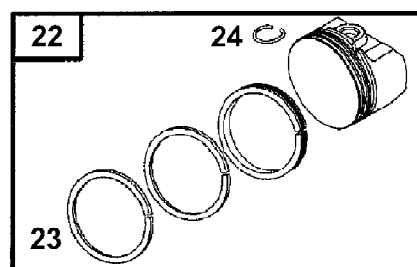
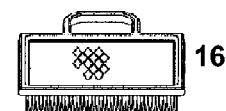
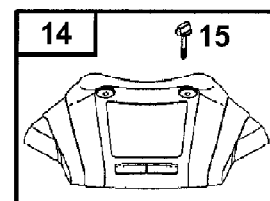
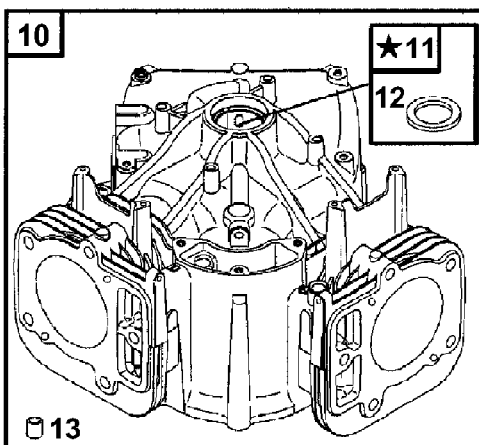
Ref #	Part Number	Qty	S/P/F	Description
1	00012032	1	S	Battery, 12V 260CCA 30Min
2	00012152	2		Lock Nut, Nylon Insert, 1/4-20
3	00012165	2		Nut, 5/16-18, Nylock
4	00013131	2		Hex Cap Screw, 1/4-20 x .75
5	00013258	2		Boot, 1" OD Rubber Battery-PST Red
6	00014608	1	/P	Lock Nut, Nylon Insert, 10-32
7	00024233	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 44 B&S
Engine 1 18HP

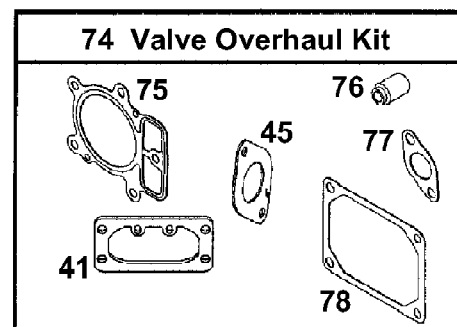
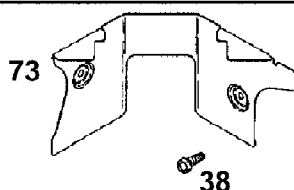
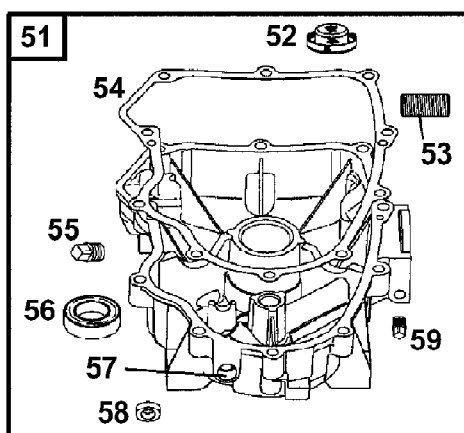
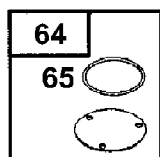
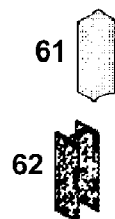
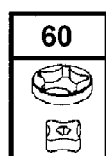
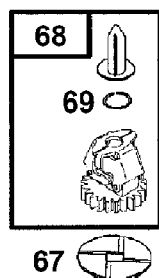
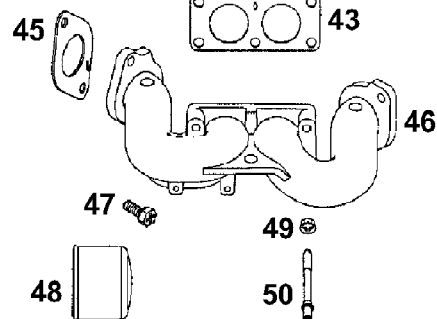
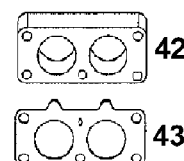
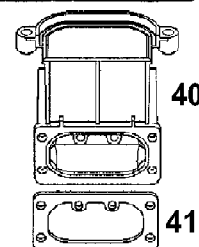
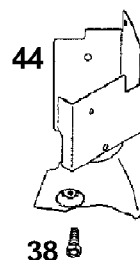
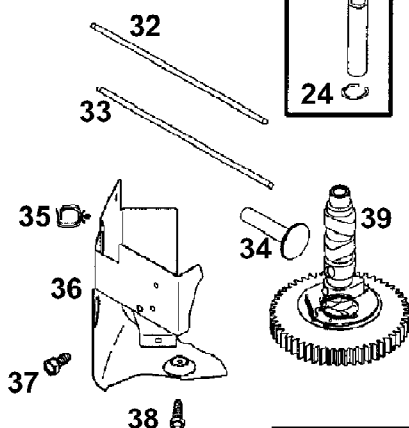
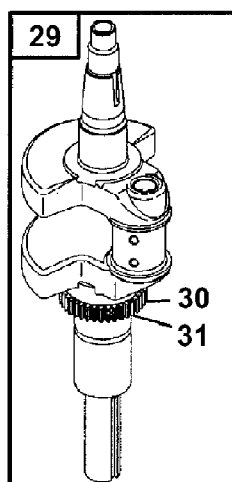
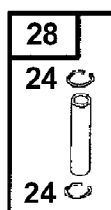
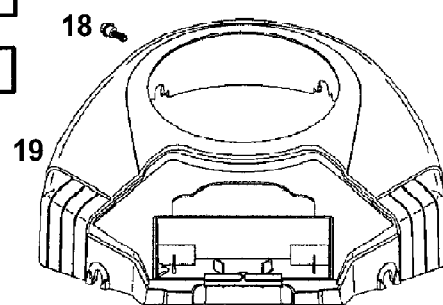
Page 21 of 47



★ Requires Special Tools
to Install. See Repair
Instruction Manual.



27 Label Kit



71 Emissions Label

Z-Force 44 B&S
Engine 1 18HP

Page 22 of 47

Ref #	Part Number	Qty	S/P/F	Description
1	BS-691021	1		Choke Control Bracket
2	BS-94930	1	S	Screw (Choke Control Bracket)
3	BS-691022	1		Choke Link
4	BS-690960	1	S	Screw (Breather Assembly)
5	BS-690942	1	S	Breather Tube
6	BS-499601	1	S	Breather Assembly
7	BS-690937	1		Breather Gasket
8	BS-690960	1	S	Screw (Control Bracket)
9	BS-691023	1		Control Bracket
10	BS-690231	1		Cylinder Assembly
11	BS-499585	1		Bushing/Seal Kit (Magneto Side)
12	BS-391086	1	S	Oil Seal (Magneto Side)
13	BS-230192	1	S	Locating Pin
14	BS-499788	1	S	Air Cleaner Cover
15	BS-691008	1		Air Cleaner Knob
16	BS-499486S	1	/P	Air Cleaner Cartridge Filter
17	BS-273638S	1	/P	Pre-Cleaner Filter
18	BS-691005	1		Screw (Blower Housing)
19	BS-691004	1		Blower Housing
20	BS-491657	1	S	Oil Pressure Switch
21	BS-222698	1	S	Flywheel Key
22	BS-499588	1	S	Piston Assembly (Standard)
22	BS-499589	1		Piston Assy. (.010 Oversize)
22	BS-499590	1	S	Piston Assy. (.020 Oversize)
22	BS-499591	1		Piston Assy. (.030 Oversize)
23	BS-499604	1		Ring Set (Standard)
23	BS-499605	1		Ring Set (.010 Oversize)
23	BS-499606	1		Ring Set (.020 Oversize)
23	BS-499607	1		Ring Set (.030 Oversize)
24	BS-263181	1		Piston Pin Lock
25	BS-499583	1		Connecting Rod
26	BS-690976	1		Screw (Connecting Rod)
27	BS-690103	1		Label Kit
28	BS-690229	1		Piston Pin
29	BS-691046	1	S	Crankshaft
30	BS-94388	1	S	Timing Key
31	BS-690980	1		Timing Gear
32	BS-690981	1	/P	Rod-Push (Steel)
33	BS-690982	1	/P	Rod-Push (Aluminum)
34	BS-262679	1	S	Valve Tappet
35	BS-691010	1		Clip
36	BS-691012	1		Air Guide Cover (Cylinder #1)
37	BS-94930	1	S	Screw (Air Guide Cover)
38	BS-690960	1	S	Screw (Air Guide Cover)
39	BS-790400	1	/P	Camshaft
40	BS-691011	1		Air Adapter
41	BS-691001	1		Air Cleaner Gasket
42	BS-690952	1		Carburetor Spacer
43	BS-690950	1		Intake Gasket
44	BS-691014	1		Air Guide Cover (Cylinder #2)
45	BS-690949	1		Intake Gasket
46	BS-693996	1		Intake Manifold
47	BS-94913	1	S	Screw (Intake Manifold)

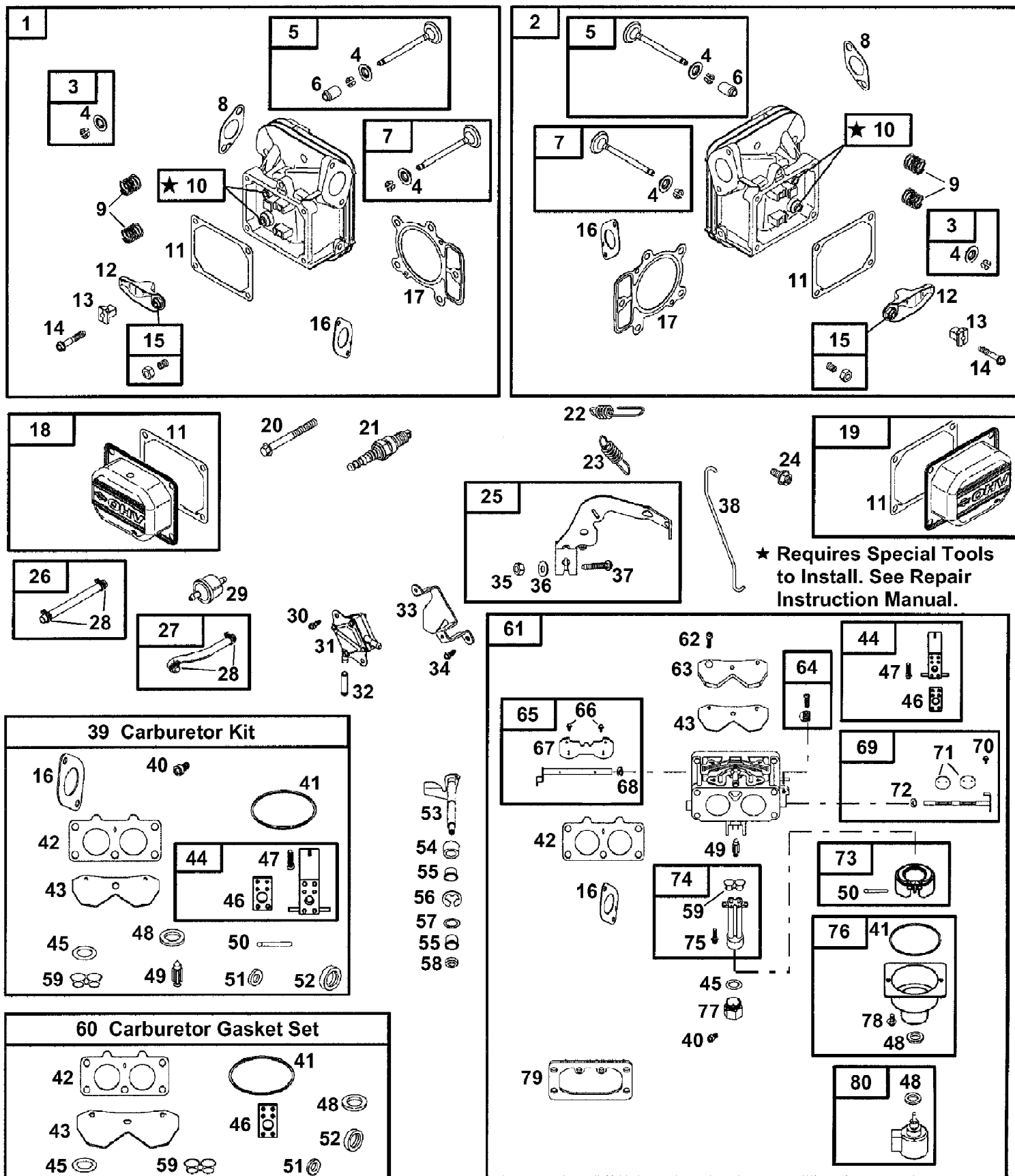
Z-Force 44 B&S
Engine 1 18HP

Page 23 of 47

Ref #	Part Number	Qty	S/P/F	Description
48	BS-492932	1	S	Oil Filter
49	BS-94010	1	S	Nut (Carburetor)
50	BS-690951	1		Stud (Carburetor)
51	BS-690069	1		Engine Sump
52	BS-690770	1		Oil Pump Screen
53	BS-690954	1	/P	Oil Filter Nipple
54	BS-690945	1	S	Crankcase Gasket
55	BS-94239	1	S	Oil Drain Plug
56	BS-690947	1	S	Oil Seal (PTO Side)
57	BS-690552	1		Governor Crank Bushing
58	BS-690657	1		Governor Shaft Seal
59	BS-690283	1		Oil Plug
60	BS-499054	1	S	Oil Pump
61	BS-690956	1		Oil Collector
62	BS-690957	1		Breather Retainer
63	BS-691042	1		Pump Shaft
64	BS-499613	1		Oil Pump Cover
65	BS-690589	1	/P	O-Ring Seal (Oil Pump Cover)
66	BS-691033	1		Screw (Oil Pump Cover)
67	BS-690412	1	/P	Washer (Governor Gear)
68	BS-394348	1	S	Governor Gear
69	BS-690317	1	S	Governor Shaft Retainer
71	BS-695104	1		Emissions Label
72	BS-690308	1	S	Screw (Engine Sump)
73	BS-691015	1		Air Guide Cover
74	BS-499890	1	S	Valve Overhaul Kit
75	BS-690962	1	S	Cylinder Head Gasket
76	BS-690968	1	/P	Valve Seal
77	BS-690970	1	/P	Exhaust Gasket
78	BS-690971	1	/P	Rocker Cover Gasket
	BS-692714	1	S	Short Block

Z-Force 44 B&S
Engine 2 18HP

Page 24 of 47



Z-Force 44 B&S
Engine 2 18HP

Page 25 of 47

Ref #	Part Number	Qty	S/P/F	Description
1	BS-499587	1		Cylinder Head (Cylinder #1)
2	BS-499595	1	S	Cylinder Head (Cylinder #2)
3	BS-499586	1	/P	Valve Keeper
4	BS-690964	1	S	Valve Retainer
5	BS-499597	1	S	Intake Valve
6	BS-690968	1	/P	Valve Seal
7	BS-499596	1		Exhaust Valve
8	BS-690970	1	/P	Exhaust Gasket
9	BS-690963	1		Valve Spring
10	BS-262835	1		Guide Bushing
11	BS-690971	1	/P	Rocker Cover Gasket
12	BS-690972	1		Rocker Arm
13	BS-806038	1	S	Rocker Arm Pivot
14	BS-690967	1		Screw (Rocker Arm)
15	BS-690083	1		Rocker Arm Adjuster
16	BS-690949	1		Intake Gasket
17	BS-690962	1	S	Cylinder Head Gasket
18	BS-499599	1		Cover-Rocker (Cylinder #1)
19	BS-499600	1		Cover-Rocker (Cylinder #2)
20	BS-690360	1	/P	Screw (Cylinder Head)
21	759-3336	1	/P	Sparkplug
22	BS-691019	1		Governed Idle Spring
23	BS-691018	1		Governor Spring
24	BS-690960	1	S	Screw (Rocker Cover)
25	BS-691048	1	S	Governor Control Lever
26	BS-298049	1	S	Fuel Line (Cut to Required Length)
27	BS-691049	1		Fuel Line (Molded)
28	BS-95162	1	S	Hose Clamp
29	BS-493629	1	S	Fuel Filter
30	BS-690960	1	S	Screw (Fuel Pump)
31	BS-691034	1	S	Fuel Pump
32	BS-691040	1	S	Vacuum Hose
33	BS-691039	1		Fuel Pump Bracket
34	BS-690960	1	S	Screw (Fuel Pump Bracket)
35	BS-92278	1	S	Nut (Governor Control Lever)
36	BS-94942	1		Washer (Governor Control Lever)
37	BS-93853	1		Bolt (Governor Control Lever)
38	BS-691020	1		Throttle Link
39	BS-499811	1	S	Carburetor Kit
40	BS-690232	1		Main Jet
	BS-690989	1		Main Jet (High Altitude)
41	BS-690994	1		Float Bowl Gasket
42	BS-690950	1		Intake Gasket
43	BS-690234	1		Carburetor Cover Plate Gasket
44	BS-499808	1		Carburetor Nozzle
45	BS-499599	1		Cover-Rocker (Cylinder #1)
46	BS-690995	1		Nozzle Gasket
47	BS-690990	1		Screw (Carburetor Nozzle)
48	BS-690997	1		Sealing Washer
49	BS-690985	1	S	Float Needle Valve
50	BS-690984	1		Float Hinge Pin
51	BS-690998	1		Choke Shaft Seal
52	BS-691000	1		Throttle Shaft Seal

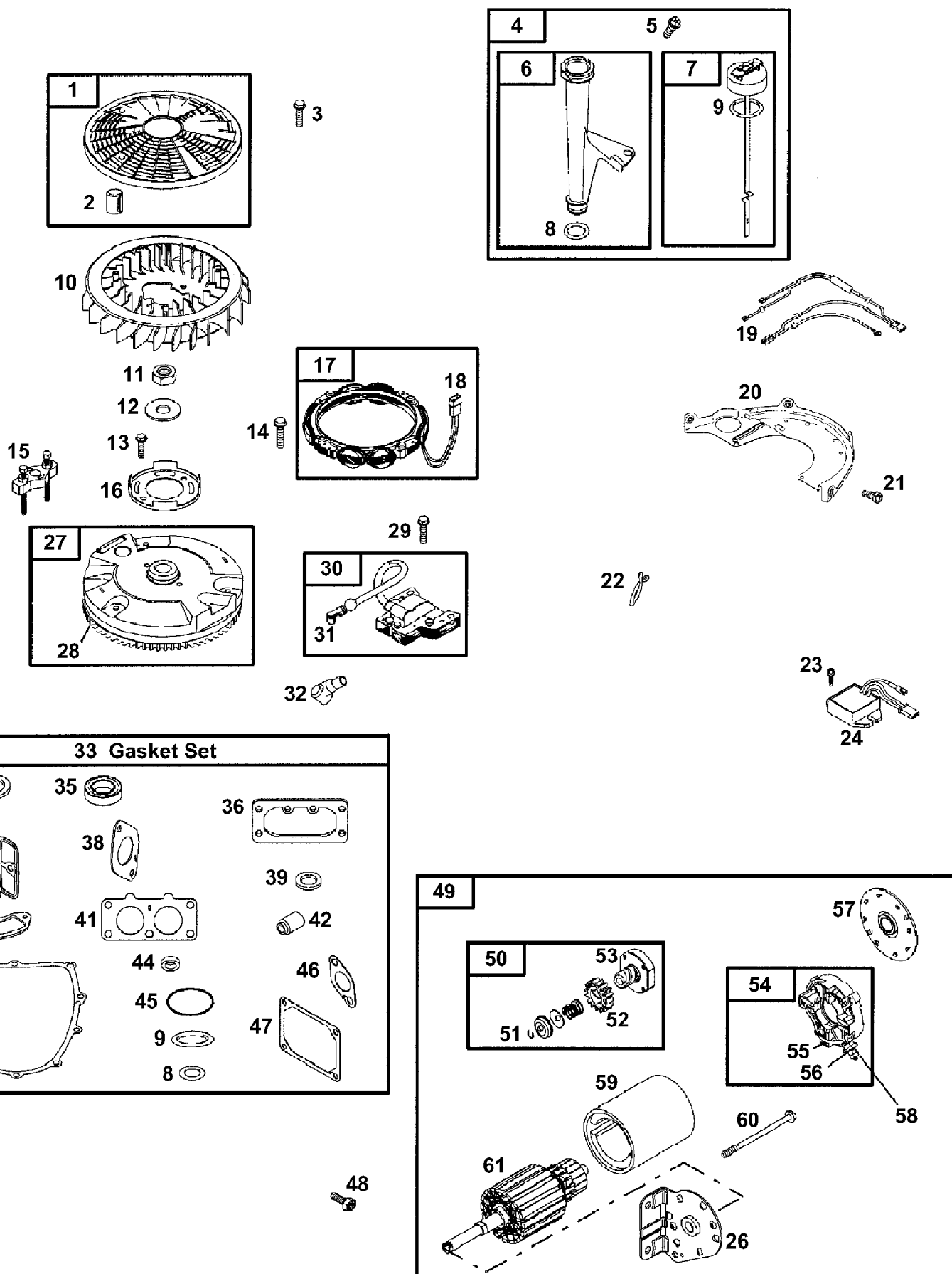
Z-Force 44 B&S
Engine 2 18HP

Page 26 of 47

Ref #	Part Number	Qty	S/P/F	Description
53	BS-691045	1		Governor Crank
54	BS-690552	1		Governor Crank Bushing
55	BS-690553	1		Governor Crank Bushing
56	BS-690328	1	/P	E-Ring Retainer
57	BS-690442	1		Washer (Governor Crank)
58	BS-690657	1		Governor Shaft Seal
59	BS-690988	1		O-Ring Seal (Fuel Transfer Tube)
60	BS-499812	1	S	Carburetor Gasket Set
61	BS-499804	1	S	Carburetor
62	BS-690990	1		Screw (Cover Plate)
63	BS-690999	1		Cover Plate
64	BS-499802	1		Idle Speed Kit
65	BS-499807	1		Choke Shaft Kit
66	BS-805538	1		Screw (Choke Shaft)
67	BS-690986	1		Choke Valve
68	BS-690998	1		Choke Shaft Seal
69	BS-499805	1		Throttle Shaft Kit
70	BS-805538	1		Screw (Throttle Valve)
71	BS-690993	1		Throttle Valve
72	BS-691000	1		Throttle Shaft Seal
73	BS-499806	1		Carburetor Float
74	BS-499803	1		Fuel Transfer Tube
75	BS-690991	1		Screw (Fuel Transfer Tube)
76	BS-499810	1		Float Bowl
77	BS-690996	1		Solenoid Retainer
78	BS-690992	1		Screw (Float Bowl)
79	BS-691001	1		Air Cleaner Gasket
80	BS-499809	1		Fuel Solenoid

Z-Force 44 B&S
Engine 3 18HP

Page 27 of 47



Z-Force 44 B&S
Engine 3 18HP

Page 28 of 47

Ref #	Part Number	Qty	S/P/F	Description
1	BS-691055	1	S	Rotating Screen
2	BS-691215	1		Spacer
3	BS-691057	1		Screw (Rotating Screen)
4	BS-499602	1		Dipstick/Tube Assembly
5	BS-690960	1	S	Screw (Dipstick Tube)
6	BS-691037	1		Dipstick Tube
7	BS-691036	1		Dipstick
8	BS-691032	1		Dipstick Tube Seal
9	BS-499602	1		Dipstick/Tube Seal
10	BS-691243	1		Flywheel Fan
11	BS-691059	1		Nut (Flywheel)
12	BS-691056	1		Washer (Flywheel)
13	BS-94627	1		Screw (Fan-Retainer)
14	BS-93621	1	/P	Screw (Alternator)
15	BS-19203	1		Flywheel Puller
16	BS-691247	1		Fan Retainer
17	BS-393295	1	S	Alternator (Dual Circuit)
18	BS-393456	1		Alternator Connector/Wire
19	BS-691220	1		Wiring Harness
20	BS-691009	1		Back Plate
21	BS-690960	1	S	Screw (Back Plate)
22	BS-694123	1		Wire Clip
23	BS-690960	1	S	Screw (Regulator)
24	BS-394890	1	S	Regulator (Regulated-16 Amp)
26	BS-691283	1		Drive Cap
27	BS-691053	1		Flywheel
28	BS-499612	1		Gear-Ring
29	BS-94731	1		Screw (Magneto Armature)
30	BS-691060	1	/P	Magneto Armature
31	BS-493880	1	S	Sparkplug Terminal
32	BS-66538	1	S	Sparkplug Boot
33	BS-499889	1	S	Engine Gasket Set
34	BS-391086	1	S	Oil Seal (Magneto Side)
35	BS-690947	1	S	Oil Seal (PTO Side)
36	BS-691001	1		Air Cleaner Gasket
37	BS-690962	1	S	Cylinder Head Gasket
38	BS-690949	1		Intake Gasket
39	BS-690997	1		Sealing Washer
40	BS-690937	1		Breather Gasket
41	BS-690950	1		Intake Gasket
42	BS-690968	1	/P	Valve Seal
43	BS-690945	1	S	Crankcase Gasket
44	BS-690657	1		Governor Shaft Seal
45	BS-690589	1	/P	O-Ring Seal (Oil Pump Cover)
46	BS-690970	1	/P	Exhaust Gasket
47	BS-690971	1	/P	Rocker Cover Gasket
48	BS-94951	1	S	Screw (Drive Cap)
49	BS-691262	1	S	Starter Motor
50	BS-497606	1	S	Starter Drive
51	BS-263080	1	S	Retaining Ring
52	BS-693058	1	S	Pinion Gear
53	BS-398003	1	S	Drive Clutch
54	BS-497605	1	S	Brush Retainer

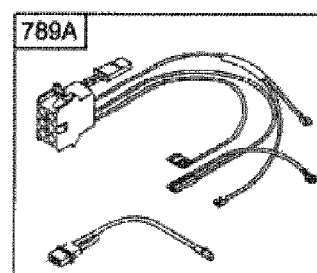
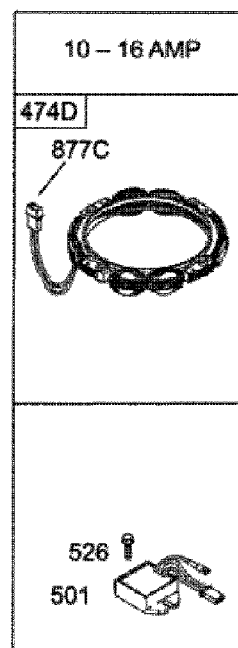
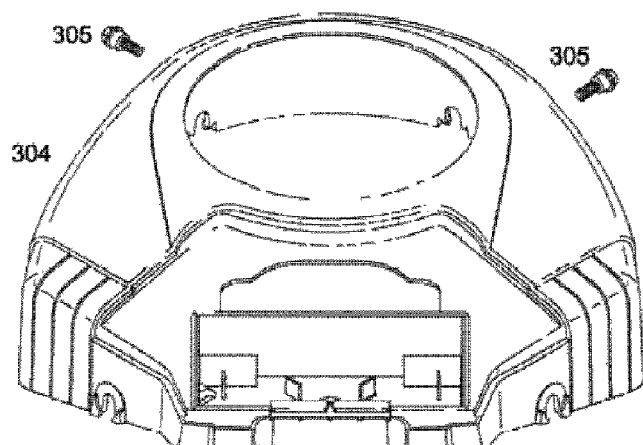
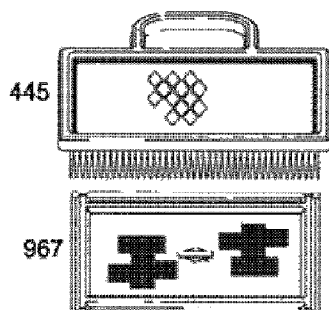
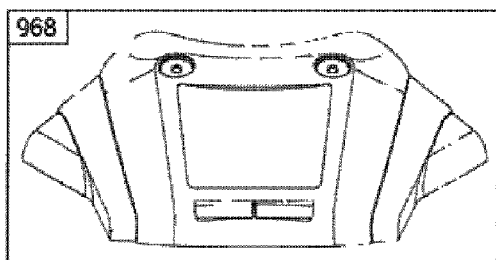
Z-Force 44 B&S
Engine 3 18HP

Page 29 of 47

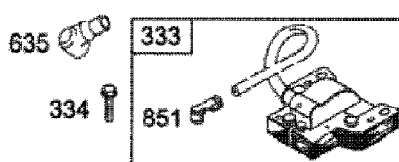
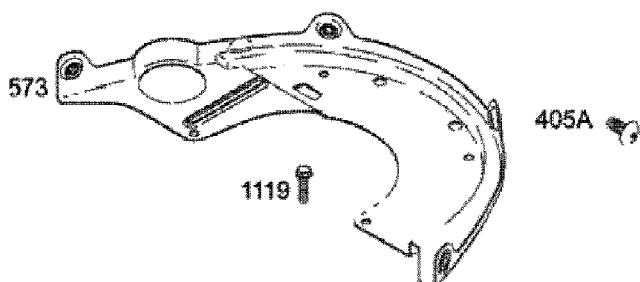
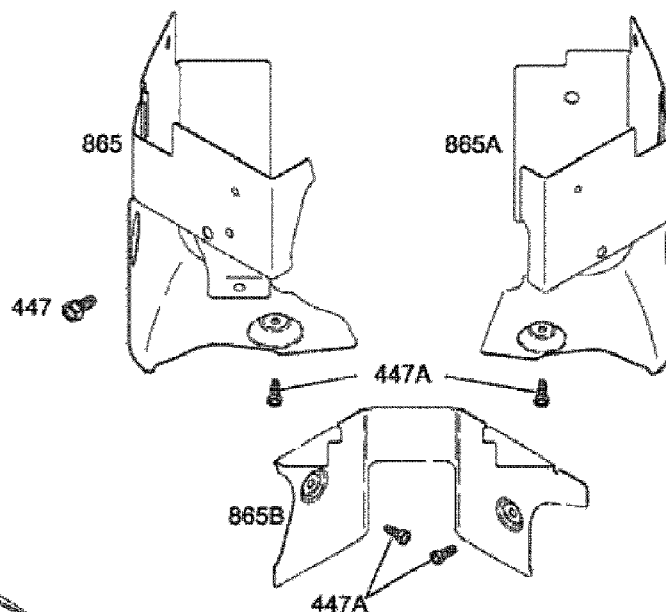
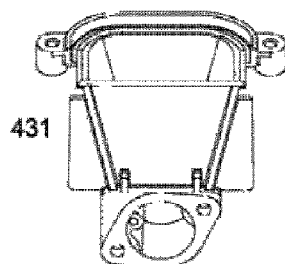
Ref #	Part Number	Qty	S/P/F	Description
55	BS-497608	1	/P	Brush Set
56	BS-693167	1		Nut (Brush Retainer)
57	BS-497607	1	S	End Cap
58	BS-92278	1	S	Nut (Brush Retainer)
59	BS-691262	1	S	Housing-Starter
60	BS-95035	1		Bolt (Starter Motor)
61		1		Armature (Serviced By Starter Only)

Z-Force 44 B&S
Engine Blower Housing & Electrical 20HP

Page 30 of 47



1036 EMISSIONS LABEL



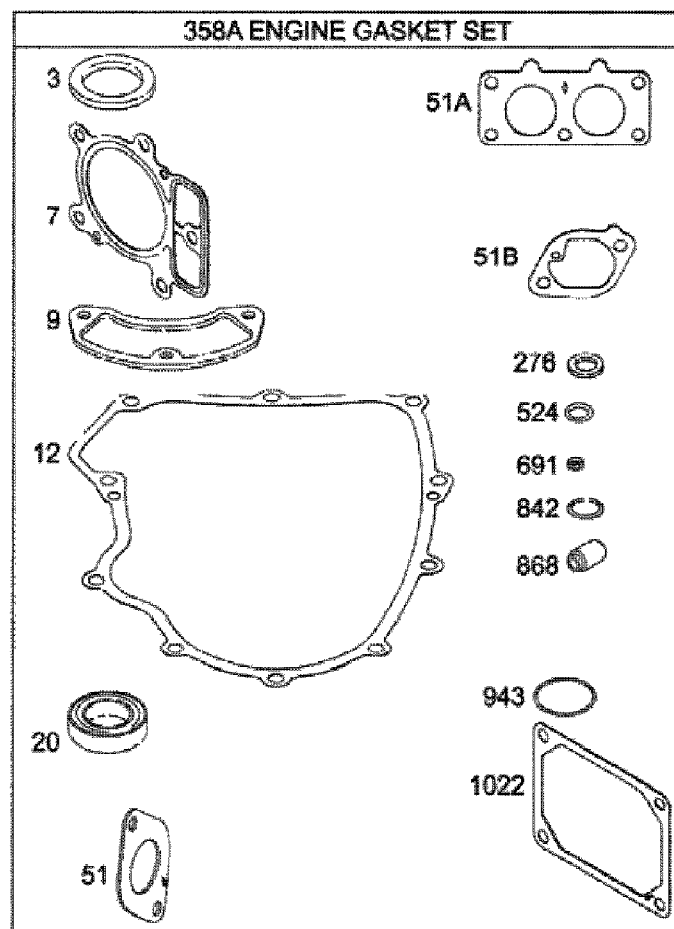
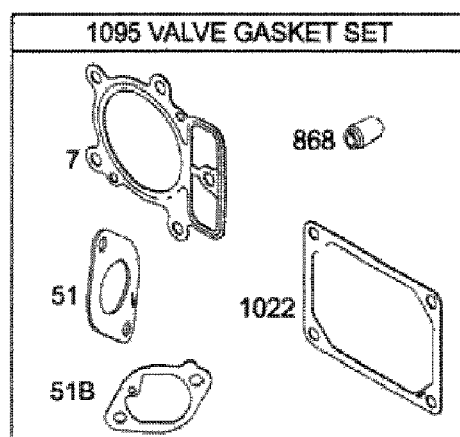
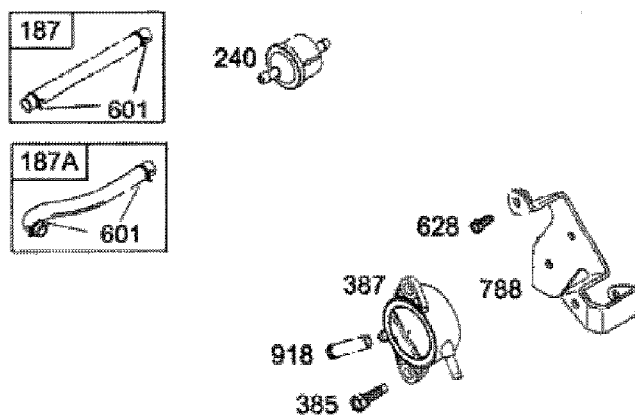
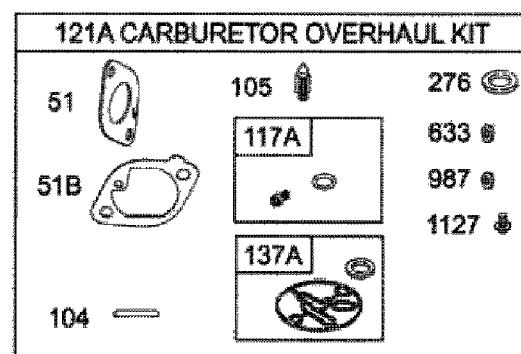
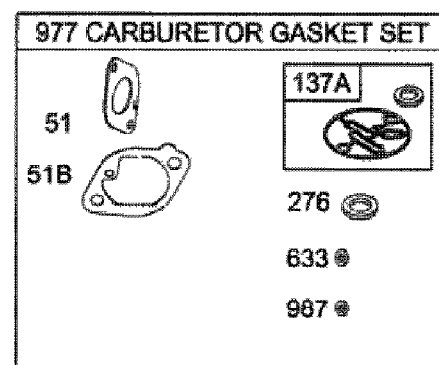
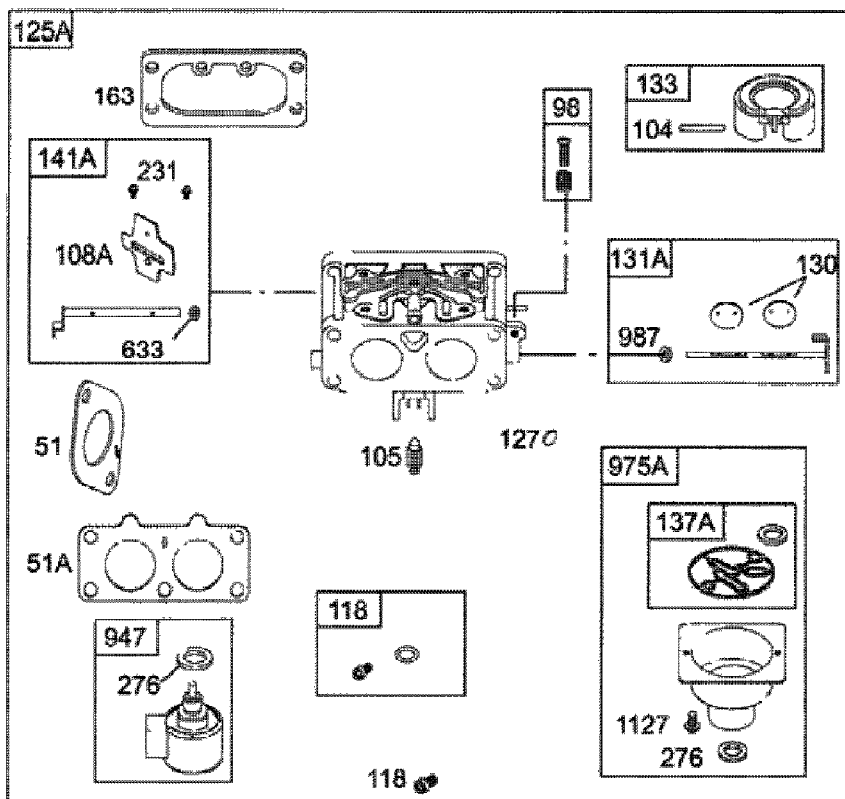
Z-Force 44 B&S
Engine Blower Housing & Electrical 20HP

Page 31 of 47

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 (Dual Circuit)
501	BS-691185	1	S	Regulator
526	BS-691108	1	/P	Screw (Regulator)
573	BS-691009	1		Plate-Back
635	BS-66538S	1	/P	Boot-Spark Plug
703	BS-691010	1		Clip
789A	BS-698330	1		Harness-Wiring
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
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	01009724P	1	S	Complete Engine
N/S	BS-692714	1	S	Short Block

Z-Force 44 B&S
Engine Carburetor 20HP

Page 32 of 47



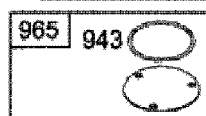
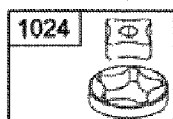
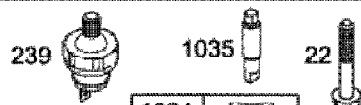
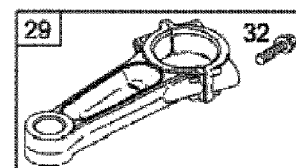
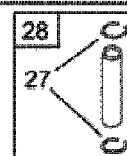
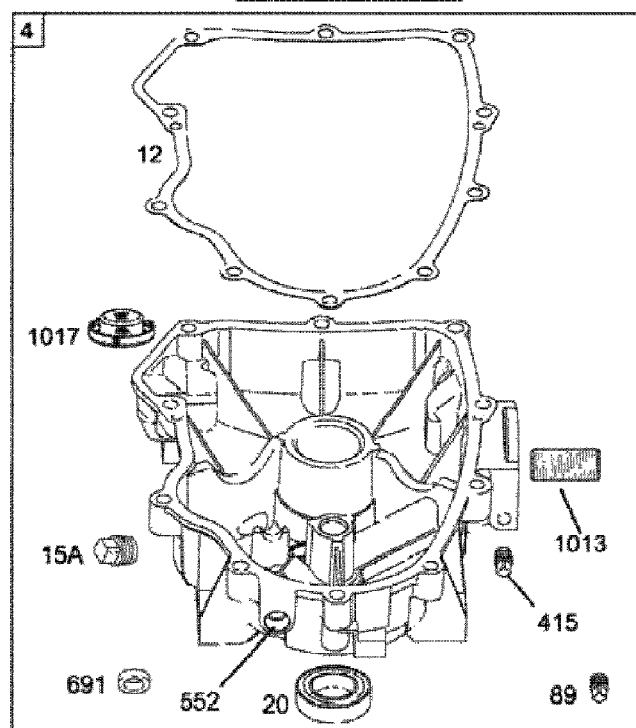
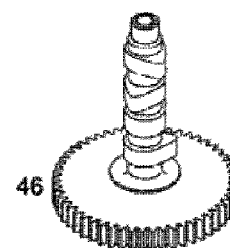
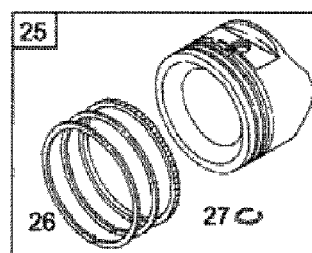
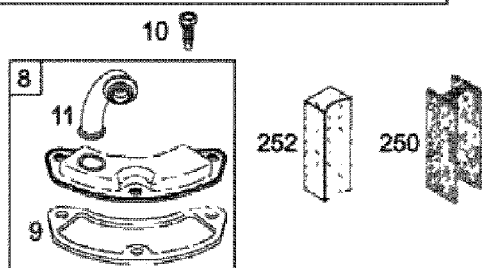
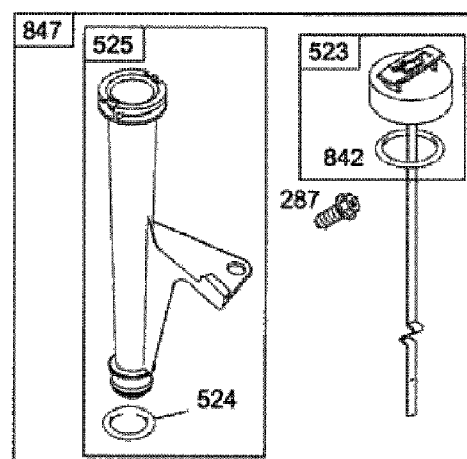
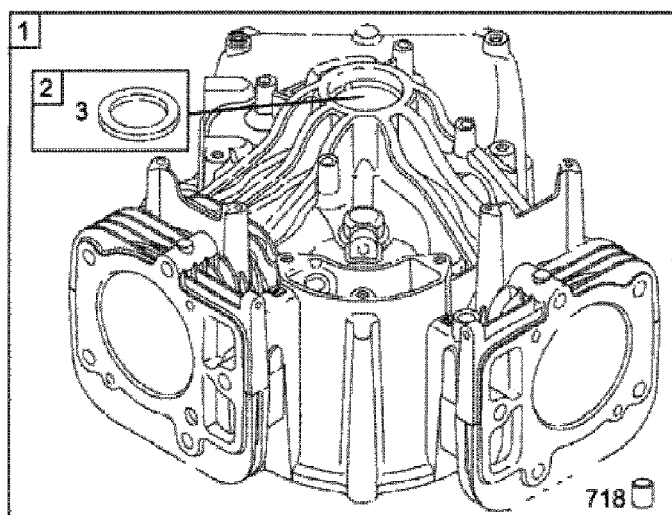
Z-Force 44 B&S
Engine Carburetor 20HP

Page 33 of 47

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-699800	1		Gasket-Intake
51A	BS-690949	1		Gasket-Intake
51B	BS-699803	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
163	BS-691001	1		Gasket-Air Cleaner
187	BS-691049	1		Line-Fuel
187A	BS-699799	1	S	Line-Fuel
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
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
977	BS-699815	1	S	Gasket Set-Carburetor
987	BS-699813	1		Seal-Throttle Shaft
1022	BS-690971	1	/P	Gasket-Rocker Cover
1095	BS-694013	1	/P	Gasket Set-Valve
1127	BS-695407	1		Screw (Float Bowl)
N/S	01009724P	1	S	Complete Engine
N/S	BS-692714	1	S	Short Block

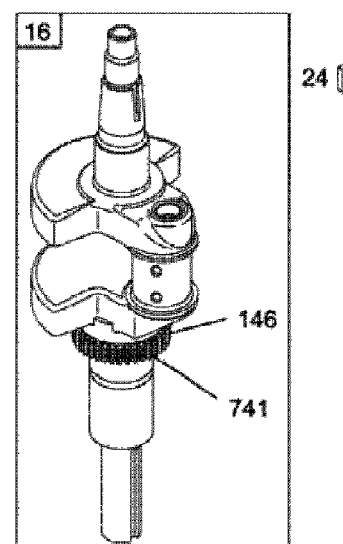
Z-Force 44 B&S
Engine Cylinder Assembly 20HP

Page 34 of 47



750

1019 LABEL KIT



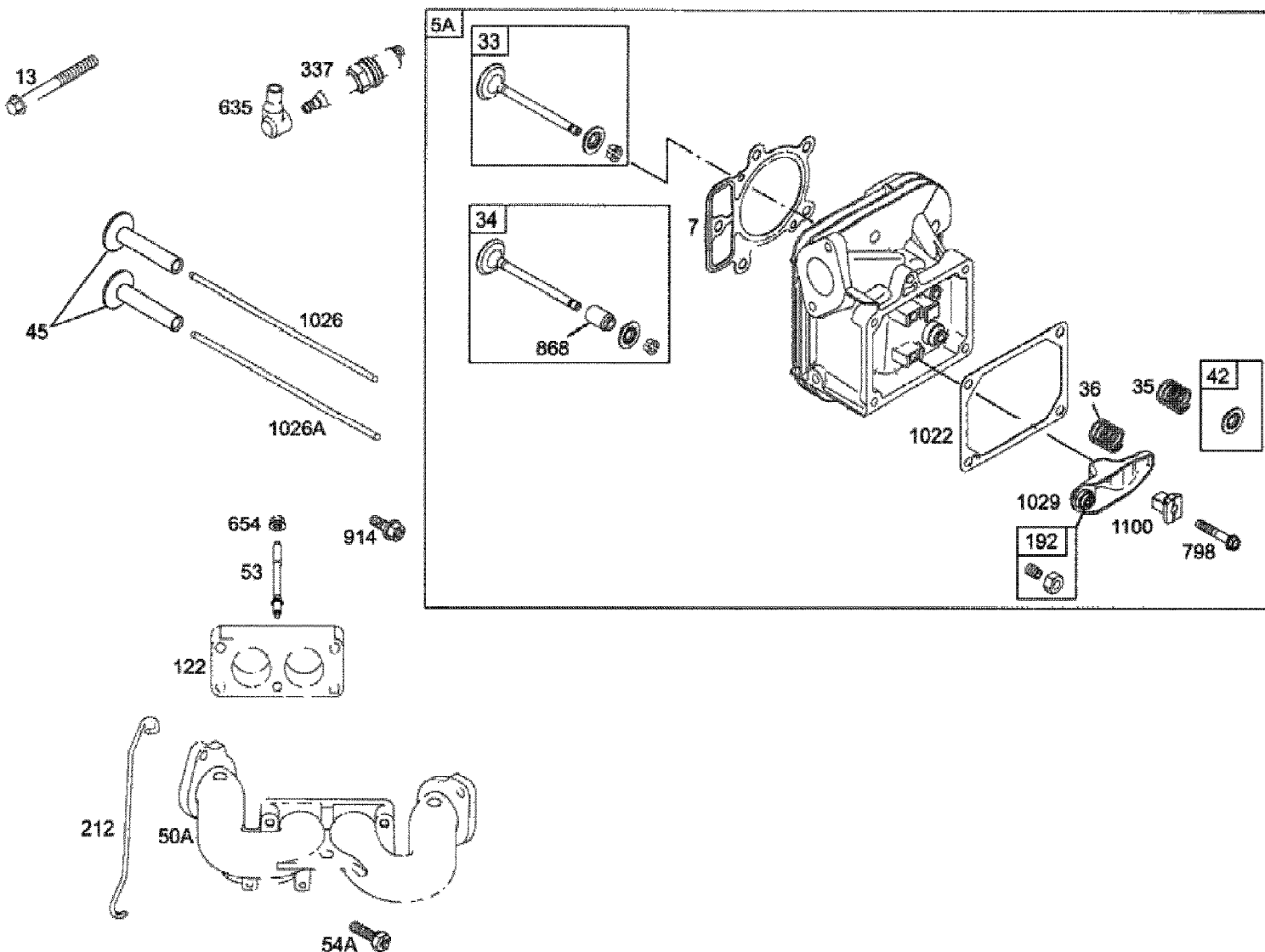
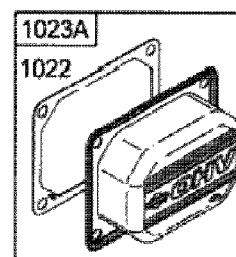
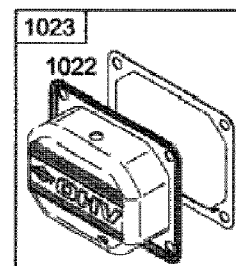
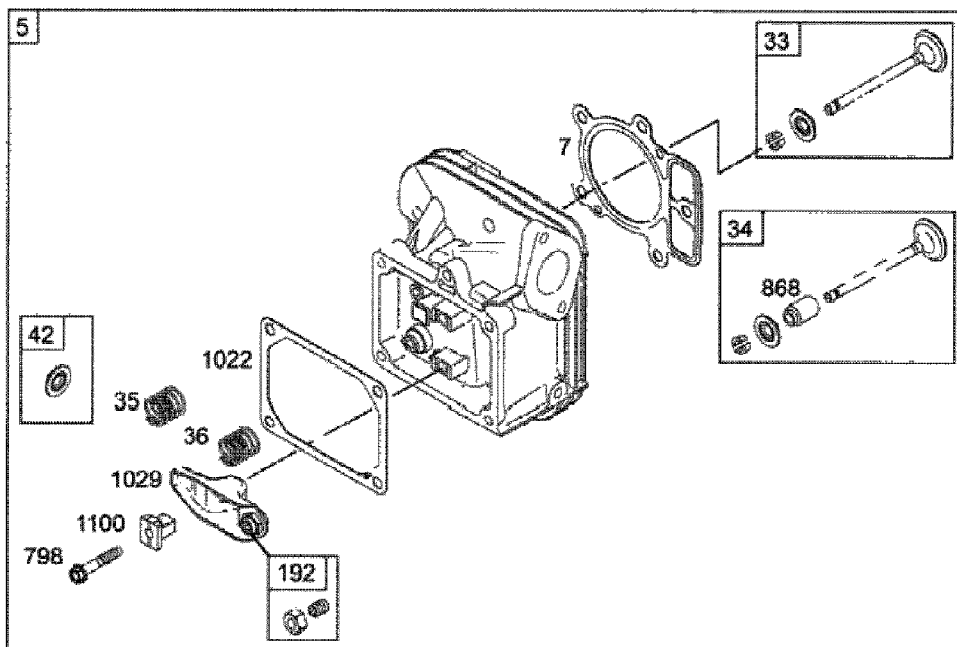
Z-Force 44 B&S
Engine Cylinder Assembly 20HP

Page 35 of 47

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)
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-90283	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
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-492932S	1	/P	Filter-Oil
1035	BS-691042	1		Shaft-Pump
N/S	01009724P	1	S	Complete Engine
N/S	BS-692714	1	S	Short Block

Z-Force 44 B&S
Engine Head Group 20HP

Page 36 of 47



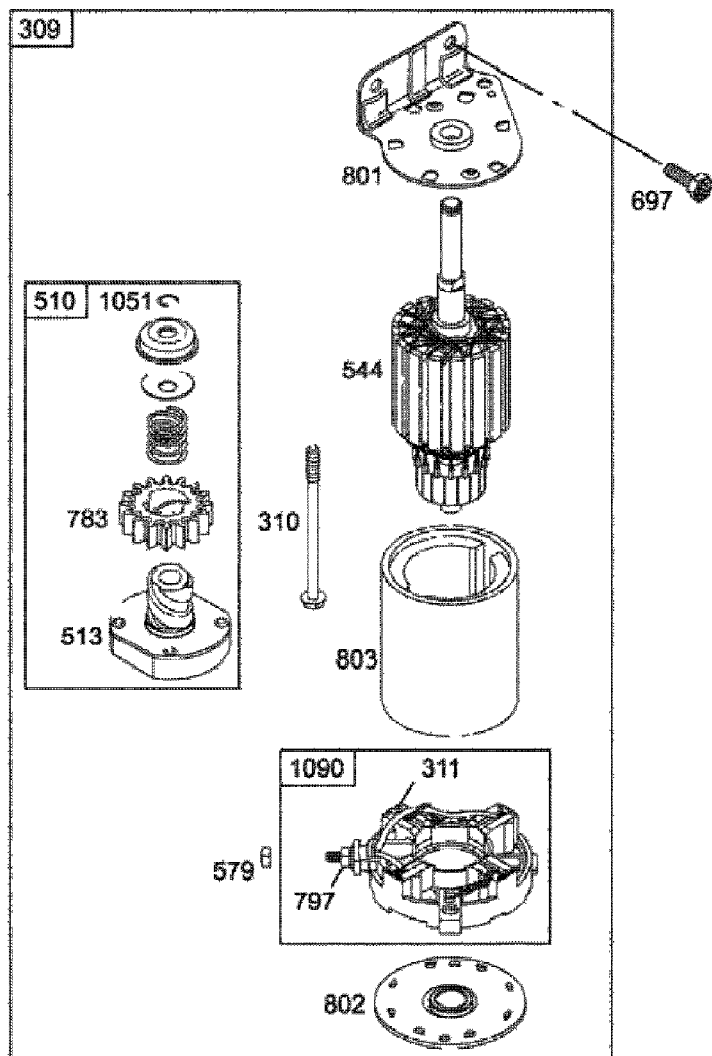
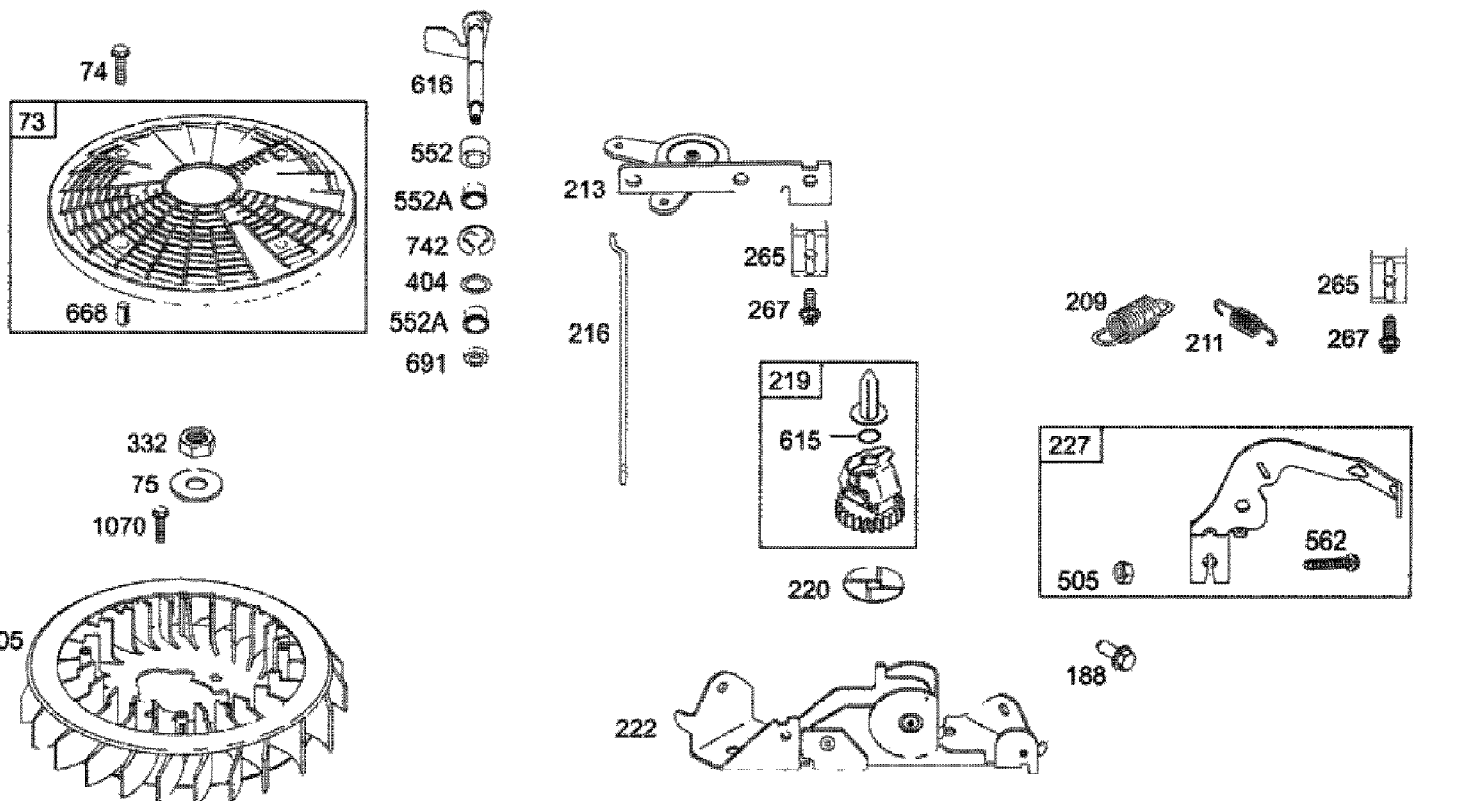
Z-Force 44 B&S
Engine Head Group 20HP

Page 37 of 47

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
53	BS-690951	1		Stud (Carburetor)
54A	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
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	01009724P	1	S	Complete Engine
N/S	BS-692714	1	S	Short Block

Z-Force 44 B&S
Engine Starter & Flywheel 20HP

Page 38 of 47



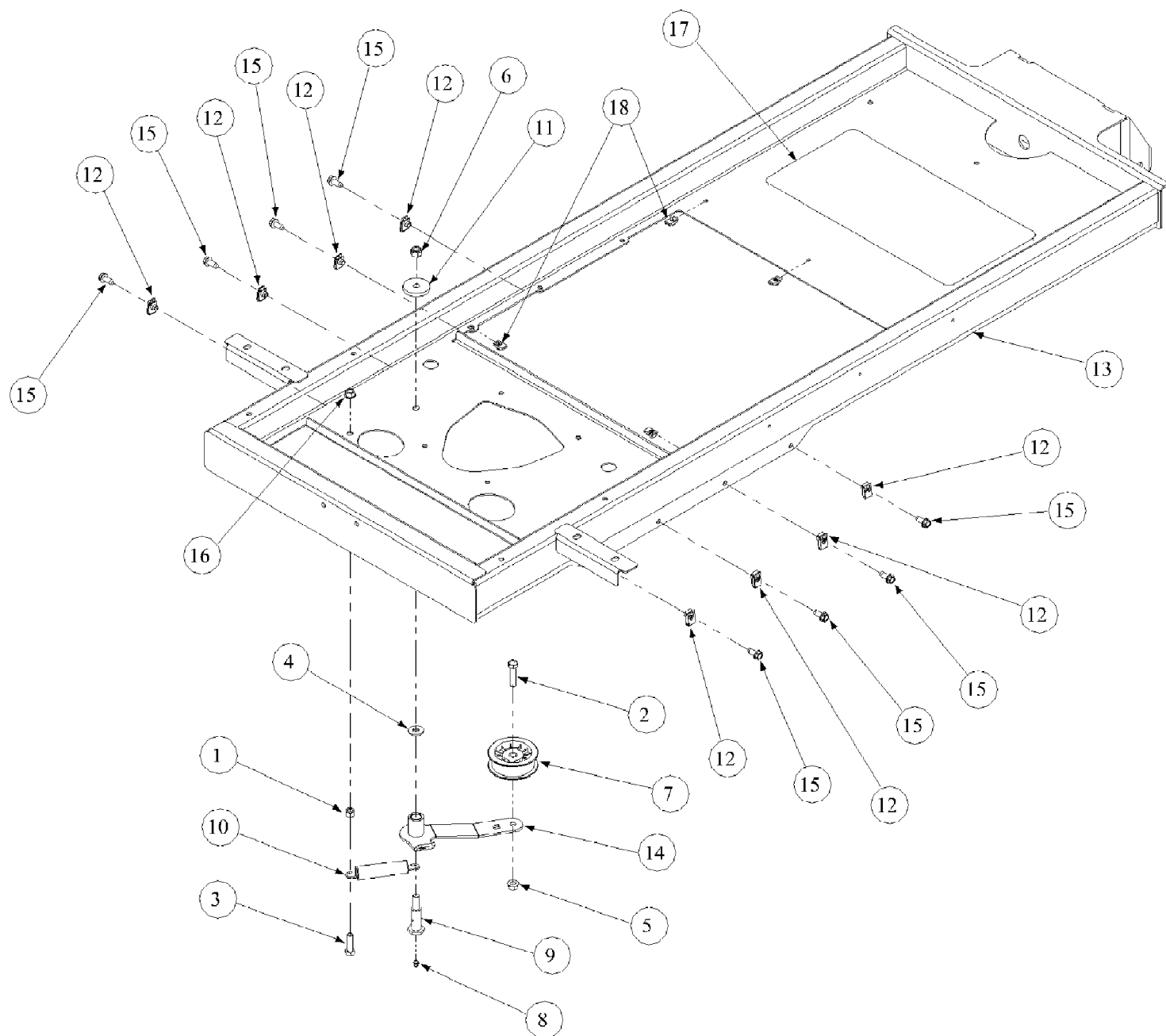
Z-Force 44 B&S
Engine Starter & Flywheel 20HP

Page 39 of 47

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 (Yellow)
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-695134	1		Screw
309	BS-497595	1	/P	Motor-Starter
310	BS-691263	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	01009724P	1	S	Complete Engine
N/S	BS-692714	1	S	Short Block

Z-Force 44 B&S
Frame Assembly

Page 40 of 47



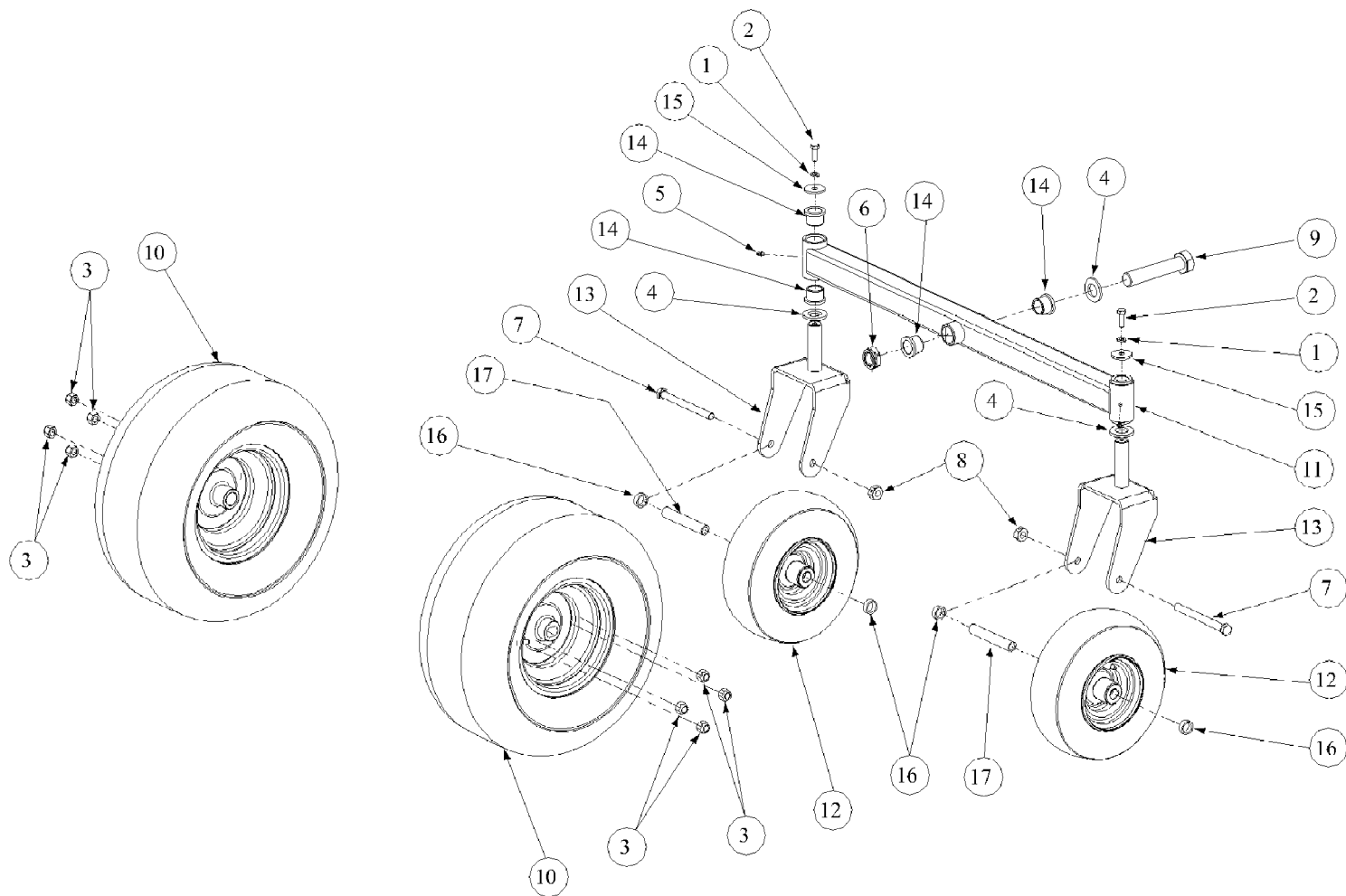
Z-Force 44 B&S
Frame Assembly

Page 41 of 47

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 44 B&S
Front Caster & Tire Assembly 44"

Page 42 of 47



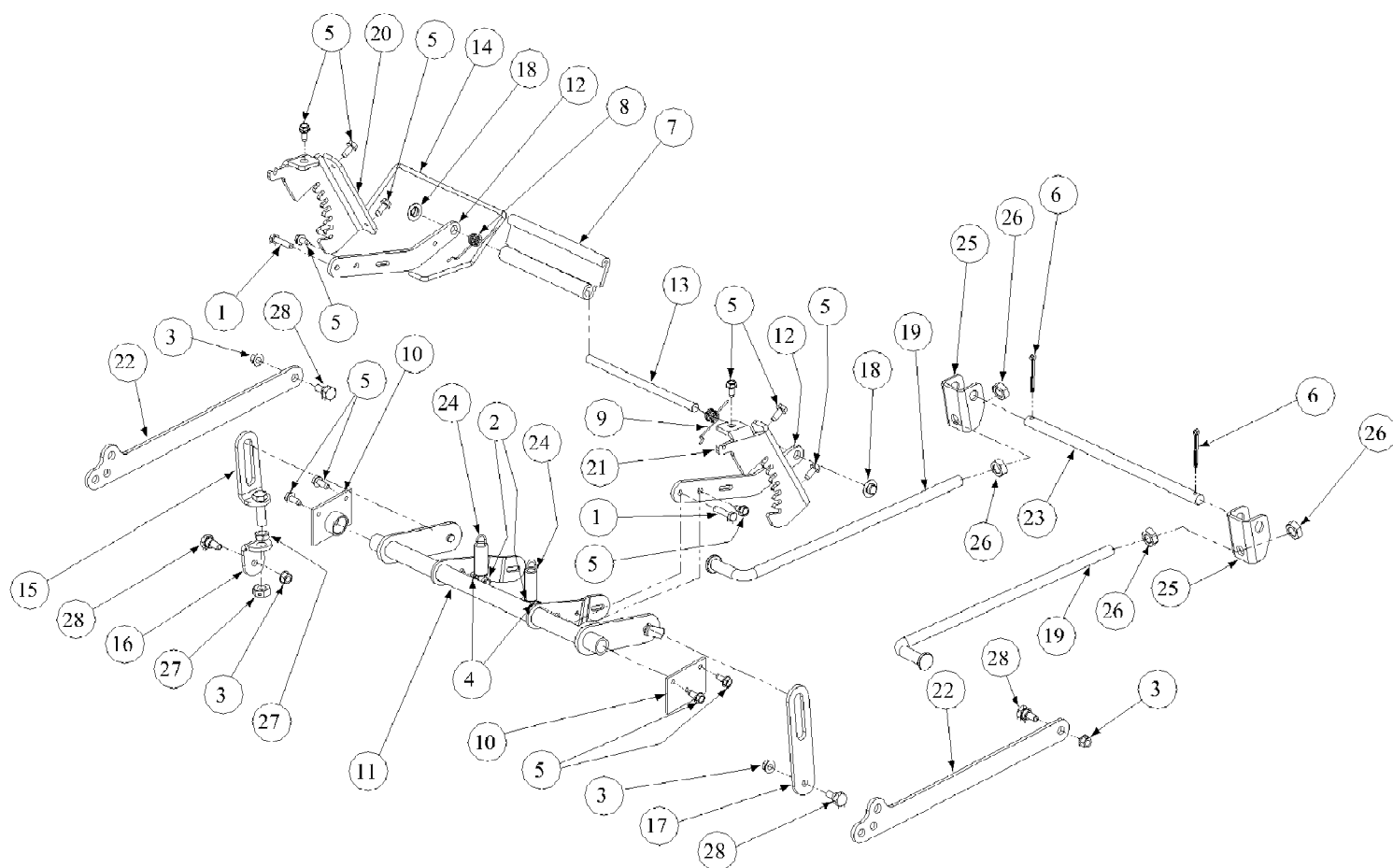
Z-Force 44 B&S
Front Caster & Tire Assembly 44"

Page 43 of 47

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	01008320	2	S	Wheel Assembly, 18 x 8.5
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 44 B&S
Lift Assembly

Page 44 of 47



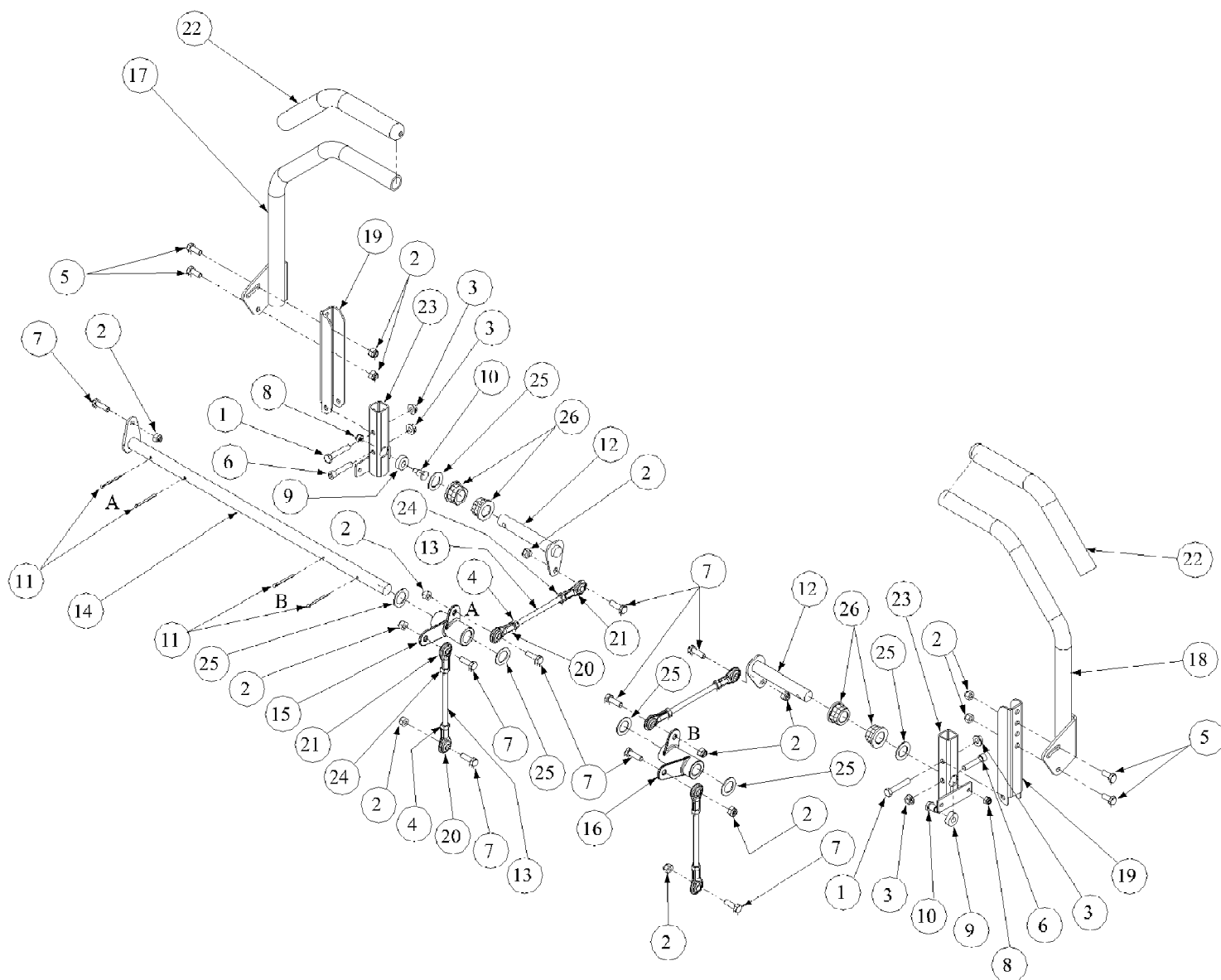
Z-Force 44 B&S
Lift Assembly

Page 45 of 47

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 44 B&S
Steering Assembly

Page 46 of 47



Z-Force 44 B&S
Steering Assembly

Page 47 of 47

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