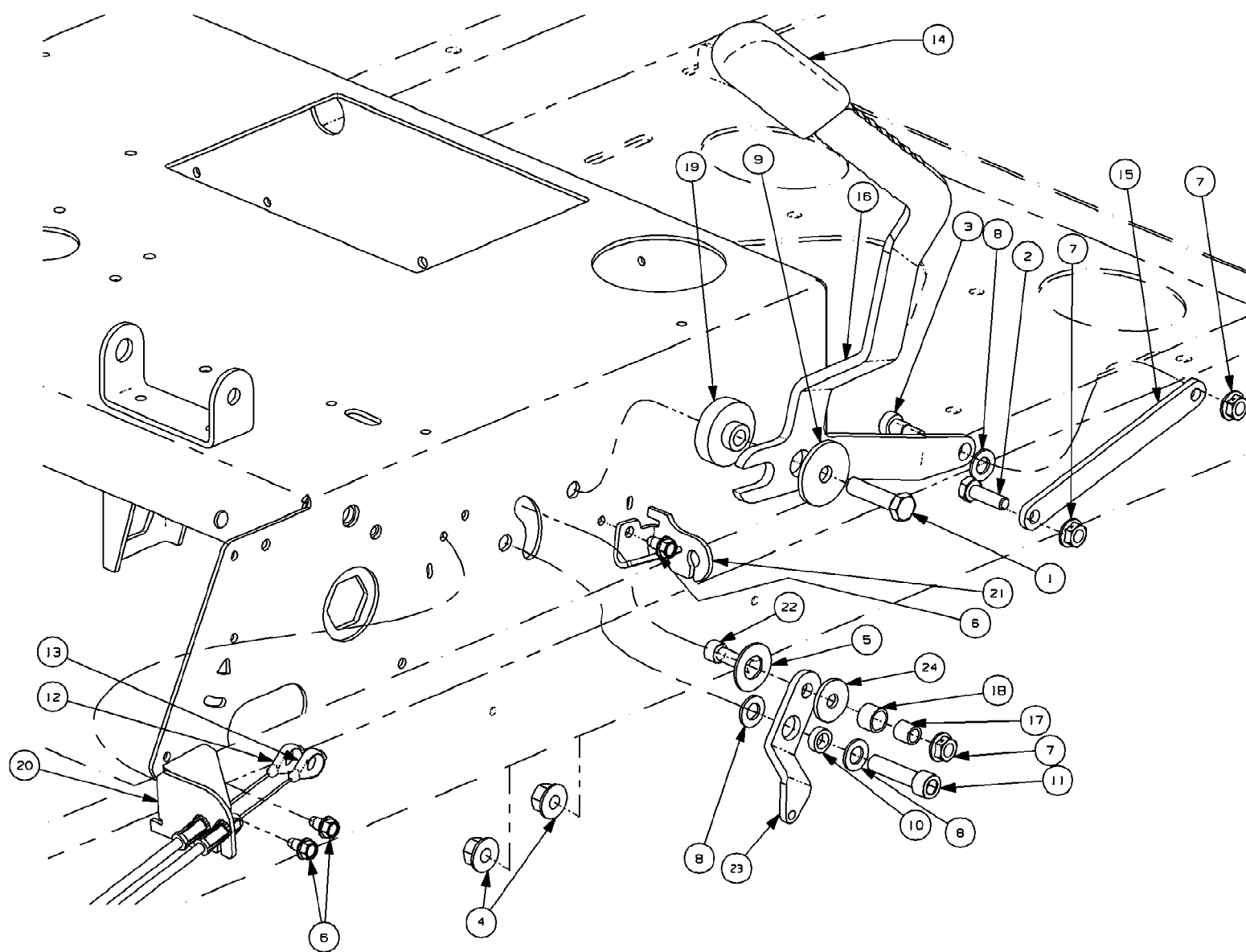


Z-Force 50 17AF3AGP
Brake Assembly 2008 & Before

Page 1 of 74



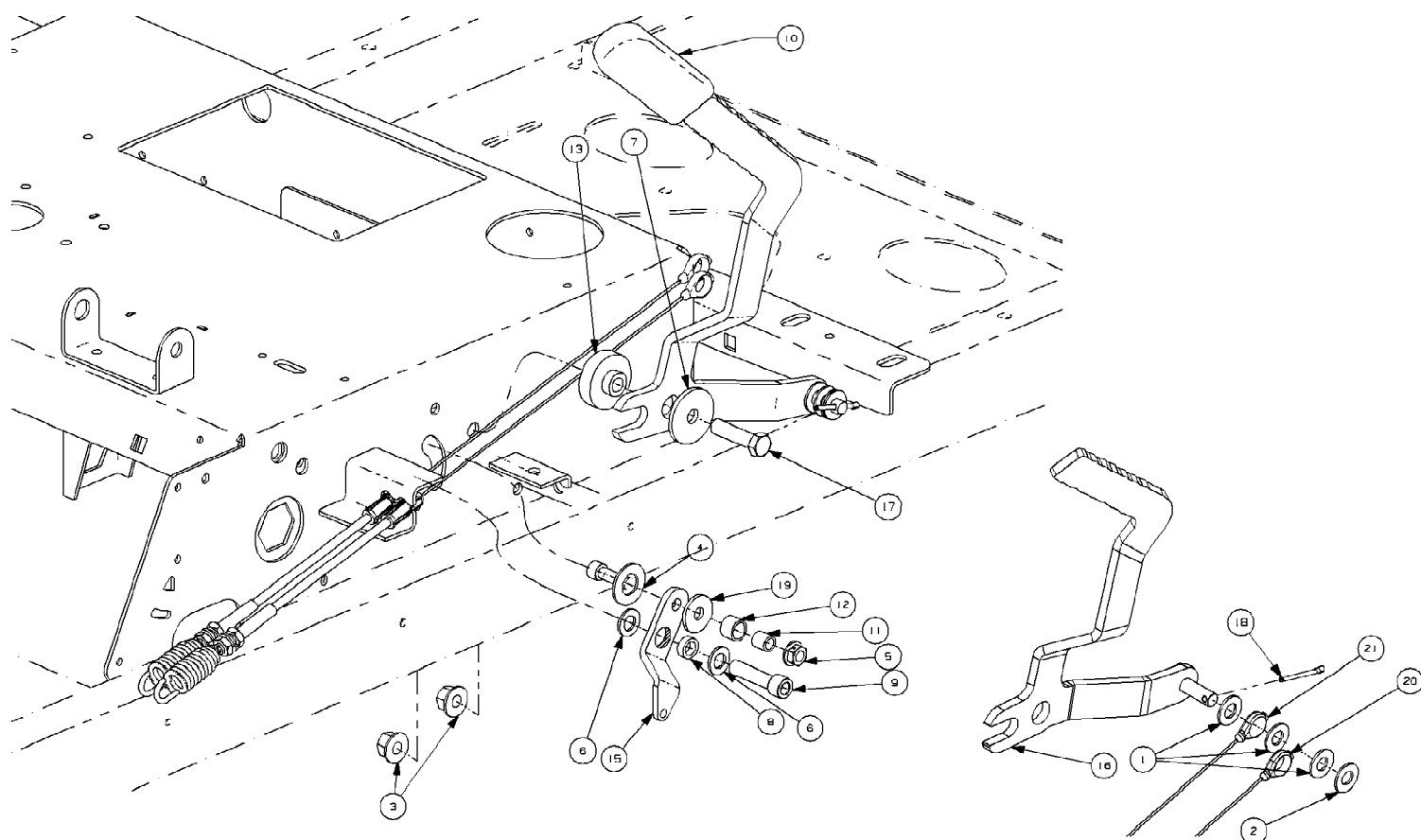
Z-Force 50 17AF3AGP
Brake Assembly 2008 & Before

Page 2 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	710-0520	1	/P	Hex Head Cap Screw, 3/8-16 x 1.50 replaces 00010980
2	00012180	1		Hex Head Cap Screw, 5/16-18 x 1.00
3	00013733	1		Shoulder Bolt, 3/8 x 3/8
4	00022560	2		Hex Nut, 3/8-16 Flange Lock
5	01000101	1		Slide Washer
6	01000628	3	S	Screw, TT, 1/4-20, 0.5, Hex Index Washer
7	01000635	3	S	Nut, 5/16-18, Flange Lock
8	01002710	3		Washer, .375 x .738 x .063
9	01009253	1		Flat Washer, .390 x 1.5 x .134
10	02002885	1		Spacer, .380 x .563 x .196
11	02003717	1		Sockethead Capscrew, 3/8-16 x 1.50
12	02003728	1		Left Hand Brake Cable
13	02003729	1		Right Hand Brake Cable
14	02003740	1		Parking Brake Grip
15	02003831	1		Brake Link Plate
16	02003832	1	/P	Brake Handle
17	02003839	1		Spacer, .322 ID x .438 OD x .44
18	02003840	1		Spacer, .442 ID x .563 OD x .405
19	02004045	1		Step Hub, .379 x 1.5 x .257/.400
20	02004122	1		Brake Cable Mounting Bracket
21	02004123	1		Brake Cable Mounting Bracket
22	02004124	1		Sockethead Capscrew, 5/16-18 x 1.00
23	02004174	1		Lockout Lever Plate
24	736-3089	1	/P	Washer, .345 x 1.00 x .100

Z-Force 50 17AF3AGP
Brake Assembly 2009 & After

Page 3 of 74



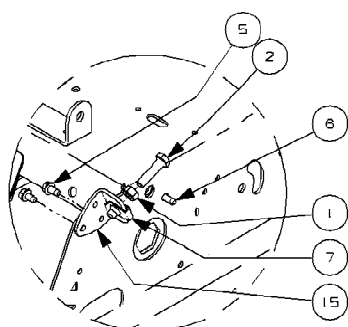
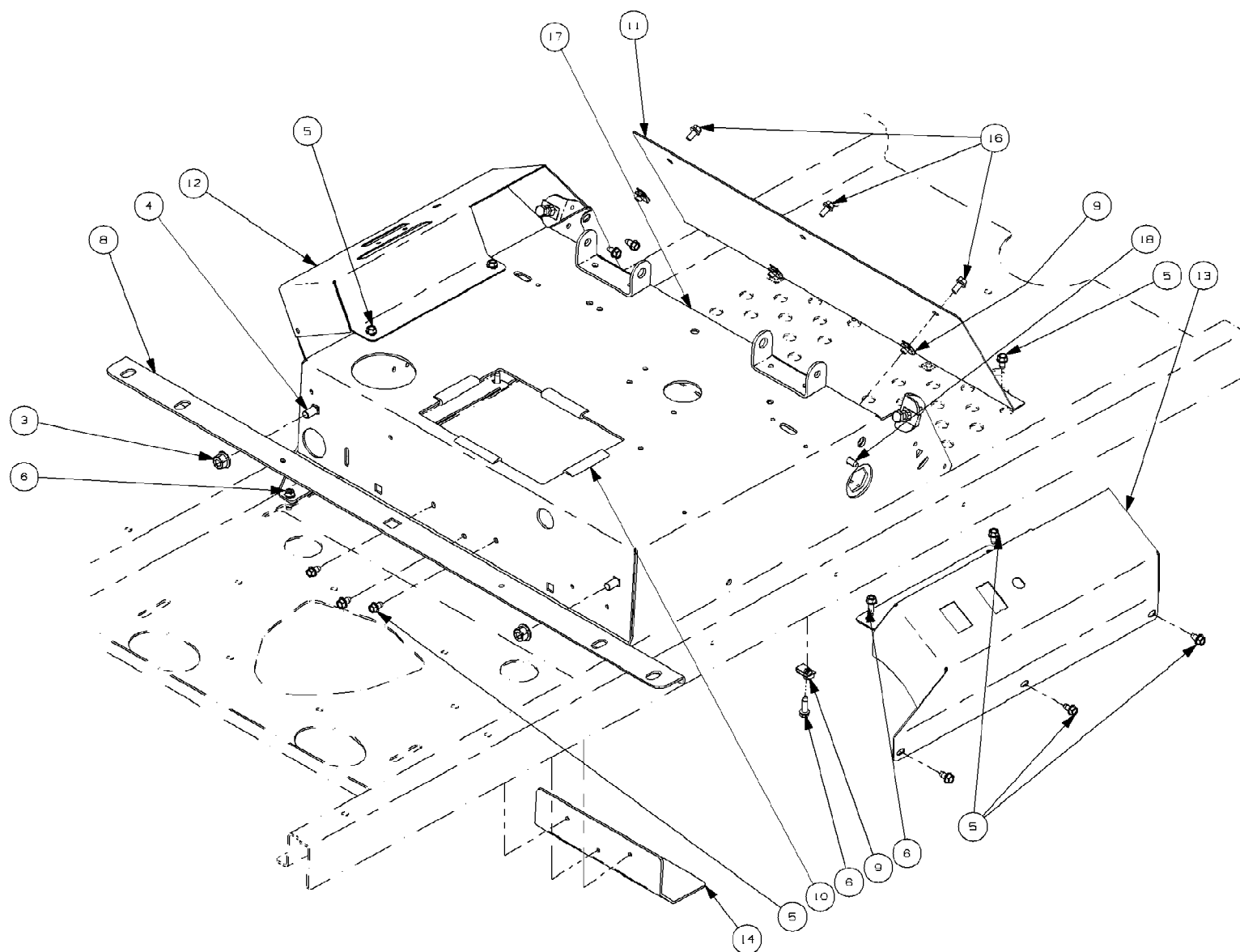
Z-Force 50 17AF3AGP
Brake Assembly 2009 & After

Page 4 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00005530	3		Washer, .406 x .812 x .062
2	00012180	1		Hex Head Cap Screw, 5/16-18 x 1.00
3	00022560	2		Hex Nut, 3/8-16 Flange Lock
4	01000101	1		Slide Washer
5	01000635	1	S	Nut, 5/16-18, Flange Lock
6	01002710	2		Washer, .375 x .738 x .063
7	01009253	1		Flat Washer, .390 x 1.5 x .134
8	02002885	1		Spacer, .380 x .563 x .196
9	02003717	1		Sockethead Capscrew, 3/8-16 x 1.50
10	02003740	1		Parking Brake Grip
11	02003839	1		Spacer, .322 ID x .438 OD x .44
12	02003840	1		Spacer, .442 ID x .563 OD x .405
13	02004045	1		Step Hub, .379 x 1.5 x .257/.400
14	02004124	1		Sockethead Capscrew, 5/16-18 x 1.00
15	02004174	1		Lockout Lever Plate
16	680-00049	1		Brake Handle
17	710-0520	1	/P	Hex Head Cap Screw, 3/8-16 x 1.50
18	714-0474	1	S	Cotter Pin, 1/8 x .75
19	736-3089	1	/P	Washer, .345 x 1.00 x .100
20	746-04564	1	S	Left Hand Brake Cable
21	746-04565	1	S	Right Hand Brake Cable

Z-Force 50 17AF3AGP
Control Assembly 2008 & Before

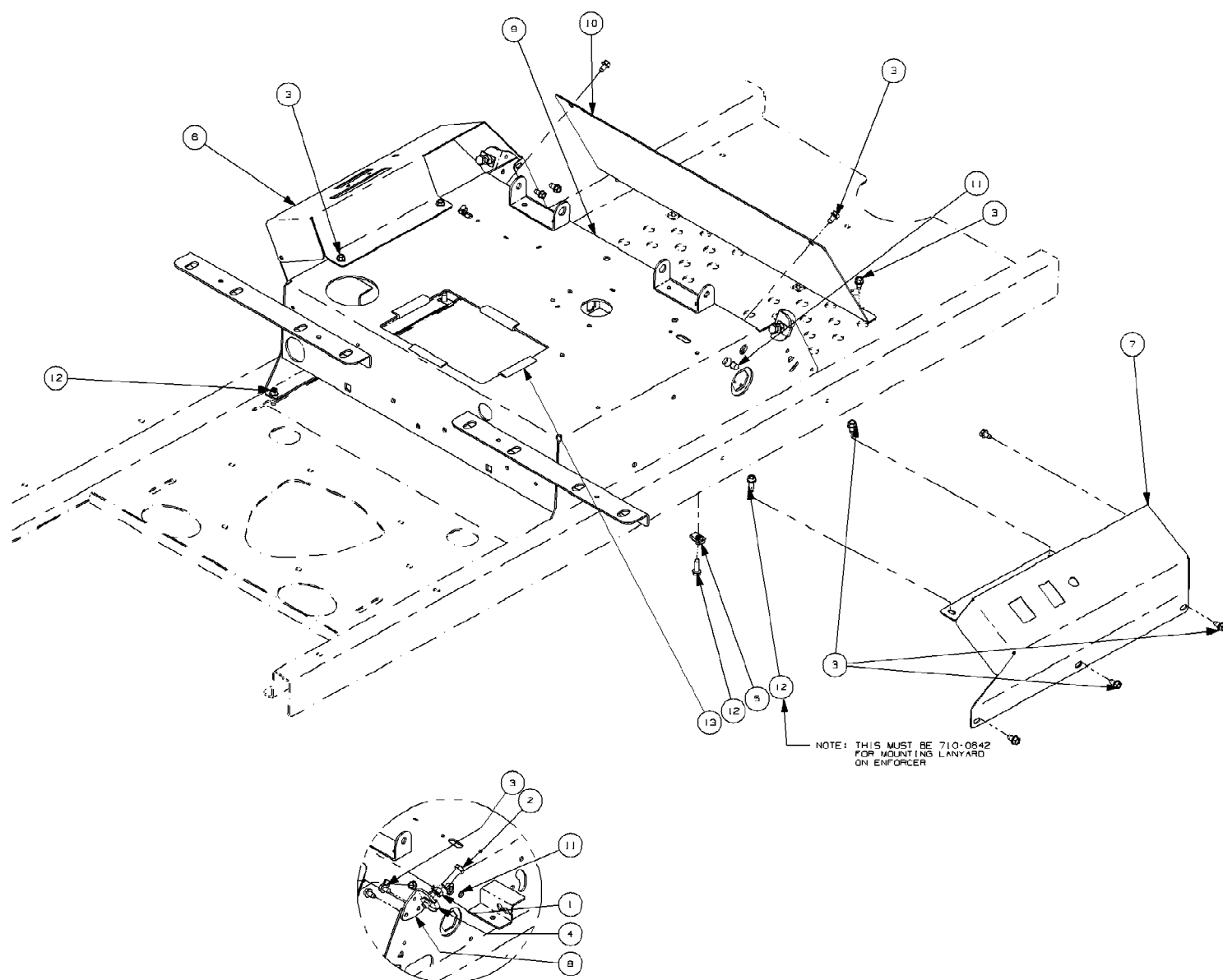
Page 5 of 74



Z-Force 50 17AF3AGP
Control Assembly 2008 & Before

Page 6 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00012166	2		Hex Nut, 5/16-18
2	00013116	2		HHCS, 5/16-18 x 1-1/4
3	00022560	2		Hex Nut, 3/8-16 Flange Lock
4	01000372	2	S	Carriage Bolt, 3/8-16
5	01000628	19	S	Screw, 1/4-20 x 1/2
6	710-0642	5	/P	Self Tapping Screw, 1/4-20 x .75
7	01003563	2		U-Nut, 5/16-18
8	01008490	1		Front Tank Mounting Bracket
9	01008539	5	S	U-Nut, 1/4-20
10	735-04130	4	/P	Battery Edge Trim replaces 01008572
11	02002456	1		Front Panel
12	02002735	1	S	Left Hand Control Console
13	02002736	1	S	Right Hand Control Console
14	02002744	1		Battery Bracket
15	02002761	2		Forward/Reverse Stop Bracket
16	02003812	3		Screw, 1/4-20 x 1/2
17	02004348	1		Control Housing Weldment
18	710-04484	2		Self Tapping Screw 5/16-18 x .750 replaces 01008620



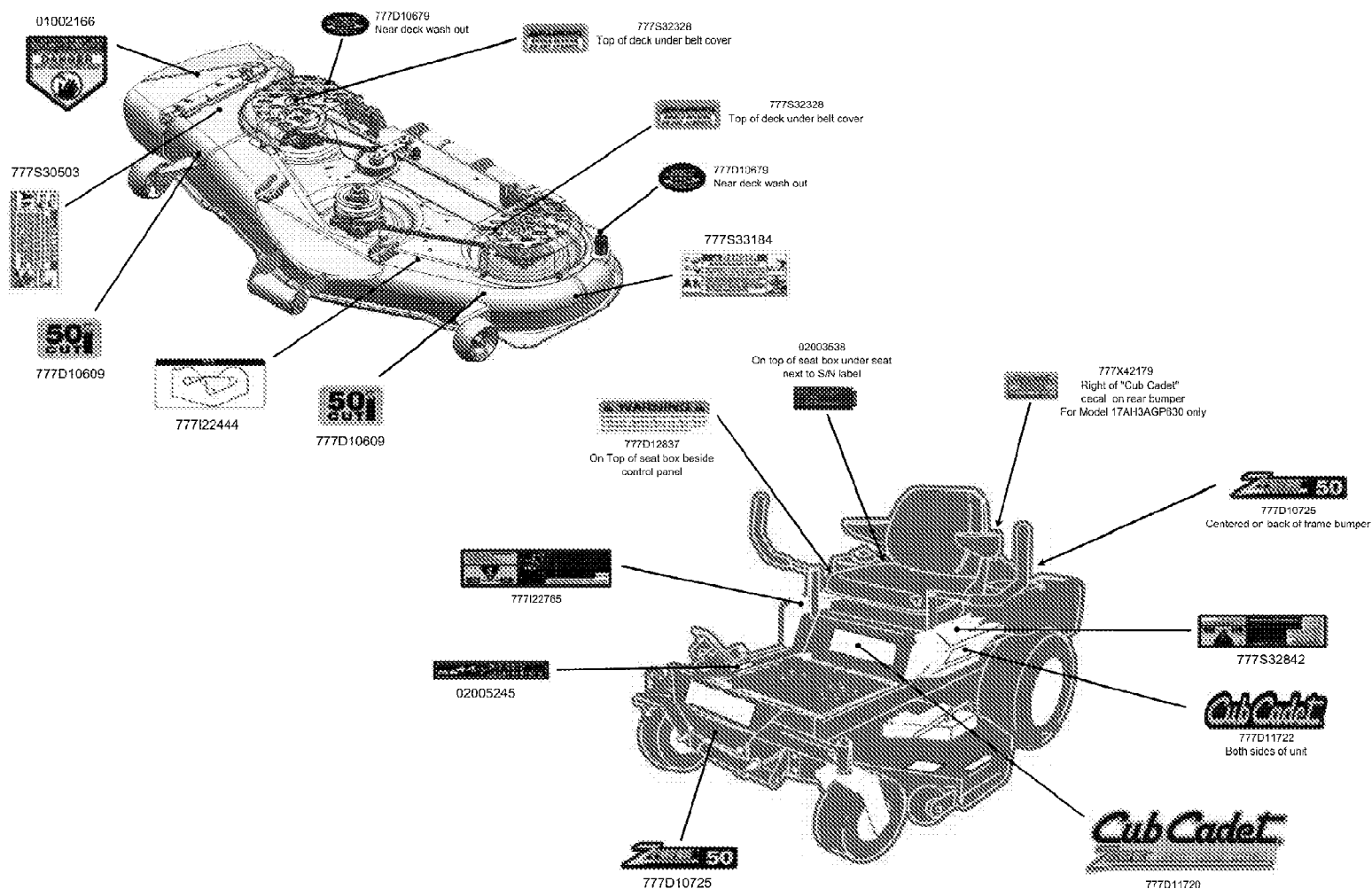
Z-Force 50 17AF3AGP
Control Assembly 2009 & After

Page 8 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00012166	2		Hex Nut, 5/16-18
2	00013116	2		HHCS, 5/16-18 x 1-1/4
3	01000628	17	S	Screw, 1/4-20 x 1/2
4	01003563	2		U-Nut, 5/16-18
5	01008539	2	S	U-Nut, 1/4-20
6	02002735	1	S	Left Hand Control Console
7	02002736	1	S	Right Hand Control Console
8	02002761	2		Forward/Reverse Stop Bracket
9	680-00048	1		Control Housing Weldment
10	703-07000	1		Front Panel
11	710-04484	2		Self Tapping Screw 5/16-18 x .750
12	710-0642	5	/P	Self Tapping Screw, 1/4-20 x .75
13	735-04130	4	/P	Battery Edge Trim

Z-Force 50 17AF3AGP
Decal Map 50

Page 9 of 74



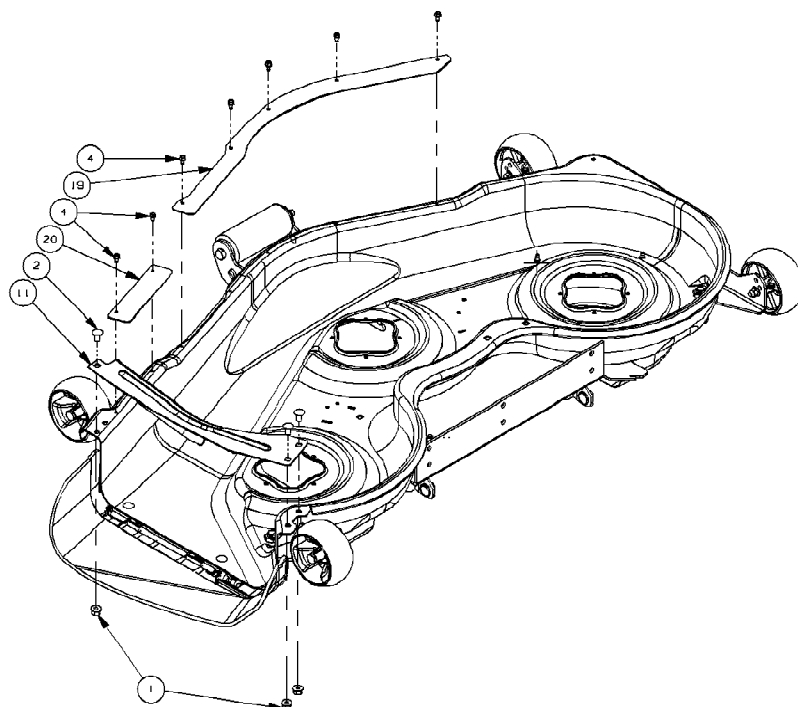
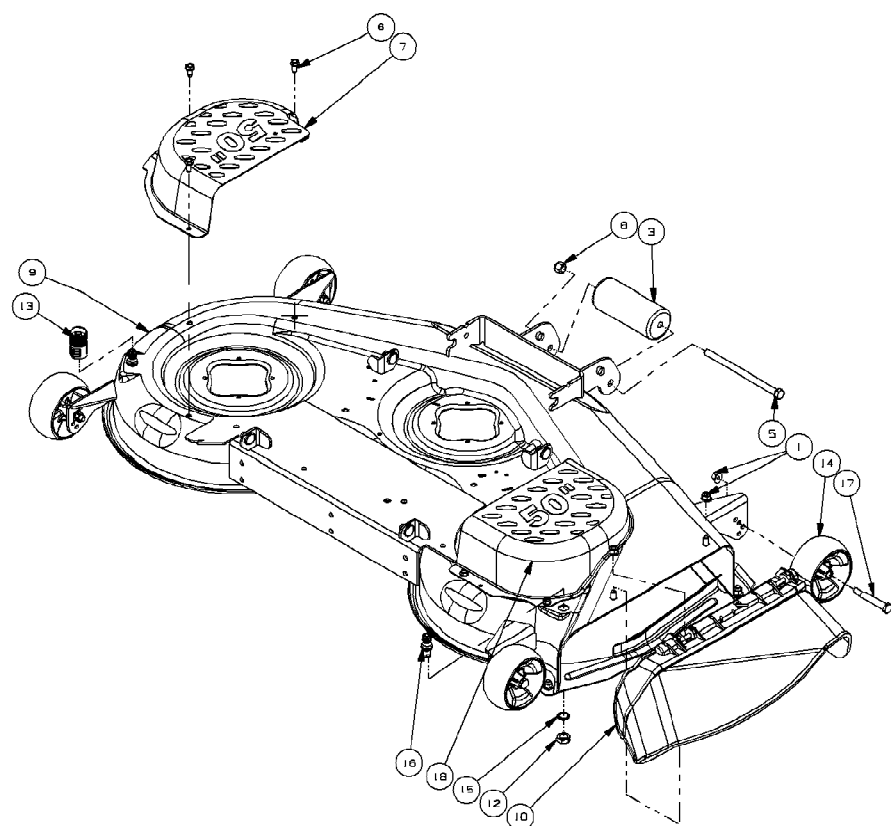
Z-Force 50 17AF3AGP
Decal Map 50

Page 10 of 74

Ref #	Part Number	Qty	S/P/F	Description
01002166	01002166	1		LABEL-HANDS & FEET 21"COMM
777S30503	777S30503	1	/P	LABEL-DANGER CHUTE
777D10609	777D10609	1		Label, RDR:DECK:I1000 50
777I22444	777I22444	1		Label, INSTR:50"DECK ZFORCE
777D10609	777D10609	1		Label, RDR:DECK:I1000 50
777S33184	777S33184	1		LABEL-DECK SAFETY
777D10679	777D10679	1		Label, CUB COMM:DK WSH:BLK
777S32328	777S32328	1	/P	LABEL
777D10679	777D10679	1		Label, CUB COMM:DK WSH:BLK
777D10725	777D10725	1		Label, ZFORCE:FRONT:ZF50
02005245	02005245	1		LABEL-DECK HEIGHT ADJ
777I22765	777I22765	1		Label, ZFORCE:PANEL IGNIT NO REV
777D12837	777D12837	1		LABEL - WARNING
02003538	02003538	1		LABEL-PATENT
777X42179	777X42179	1		Label, RDR:CUB HOTLINE
777D10725	777D10725	1		Label, ZFORCE:FRONT:ZF50
777S32842	777S32842	1		Label, CUB COMM:ZFORCE PNL
777D11722	777D11722	1		LABEL - SIDE FRAMELOGO Z FORCE
777D11720	777D11720	1		LABEL - Z-FORCE BELOW SEAT

Z-Force 50 17AF3AGP
Deck 50 2008 & Before

Page 11 of 74



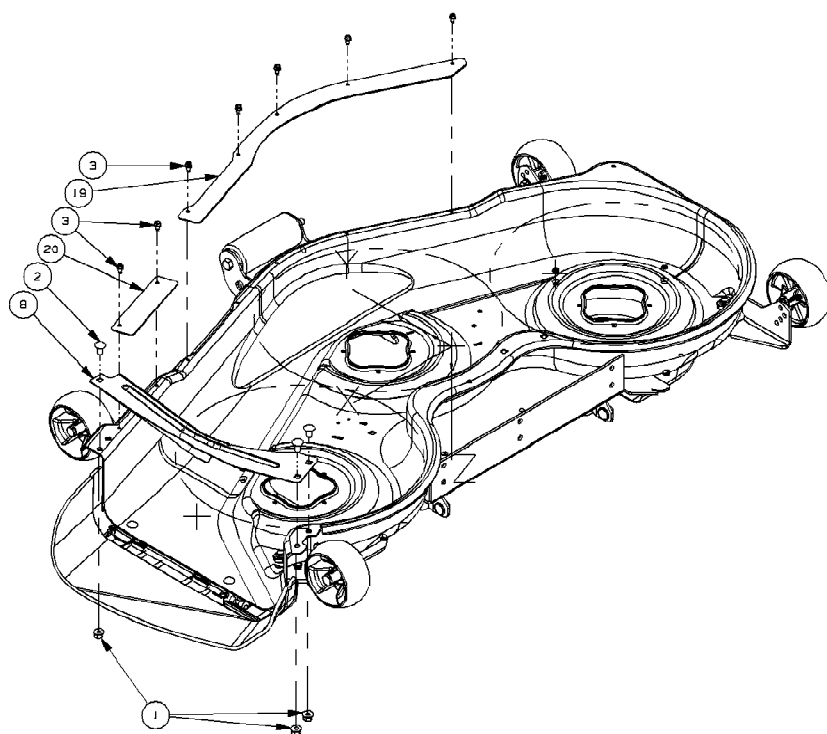
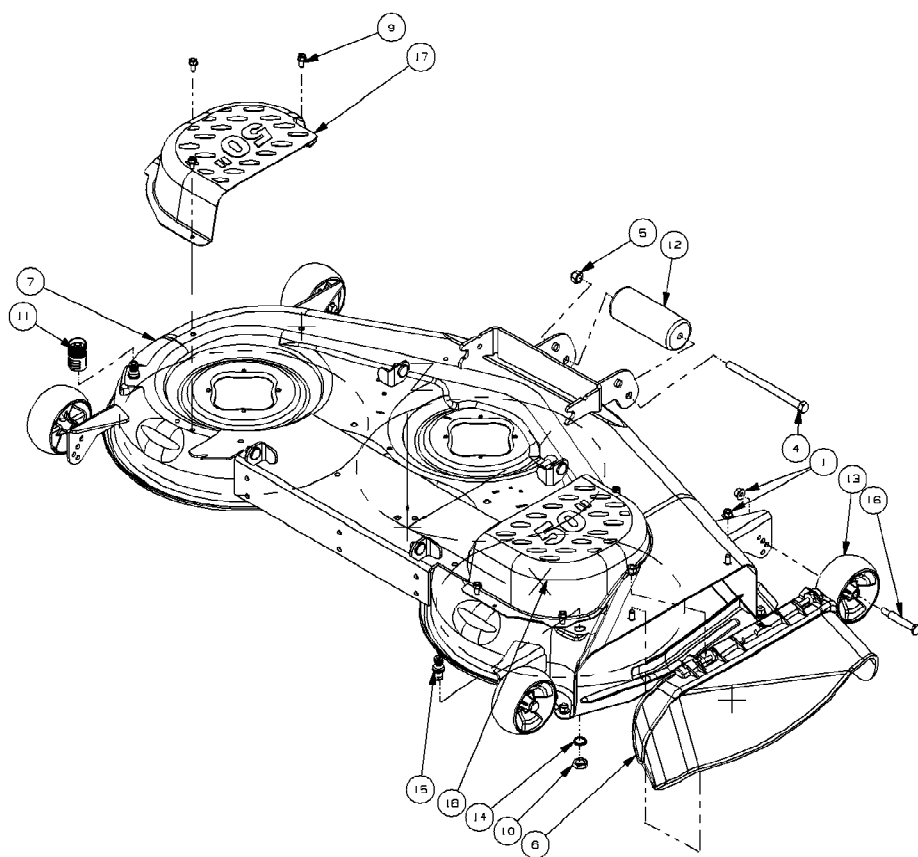
Z-Force 50 17AF3AGP
Deck 50 2008 & Before

Page 12 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00022560	9		Hex Nut, 3/8-16, Flange Lock
2	01000372	5	S	Carriage Bolt, 3/8-16 x .75
3	731-3005	1	/P	Front Roller
4	01000628	7	S	Screw, 1/4-20 x 1/2
5	01006961	1		Hex Cap Screw, 1/2-20 x 7.50
6	710-04484	6		Self Tapping Screw 5/16-18 x .750
7	783-04399	1		Belt Cover Left Hand
8	02002299	1		Nut, 1/2-20, Lock
9	02004846	1	S	Deck Assembly 50"
10	631-04070A	1	/P	Chute Assembly
11	703-3511A	1	S	Finger Guard
12	712-0641	2	S	Hex Nut, M16-1.5
13	721-04041	1	S	Water Nozzle Adaptor
14	734-04155	4		Deck Wheel, 5.00 Dia.
15	736-0760	2	S	Lock Washer, 17 x 23.8 x 1.95
16	737-04003C	2	S	Deck Water Nozzle
17	738-3056	4	S	Shoulder Screw .498 x 1.53
18	783-04400	1		Belt Cover Right Hand
19	783-04414A	1	/P	Skirt, Center, 50"
20	783-04415	1		Skirt, Right Hand, 50"

Z-Force 50 17AF3AGP
Deck 50 2009 & After

Page 13 of 74



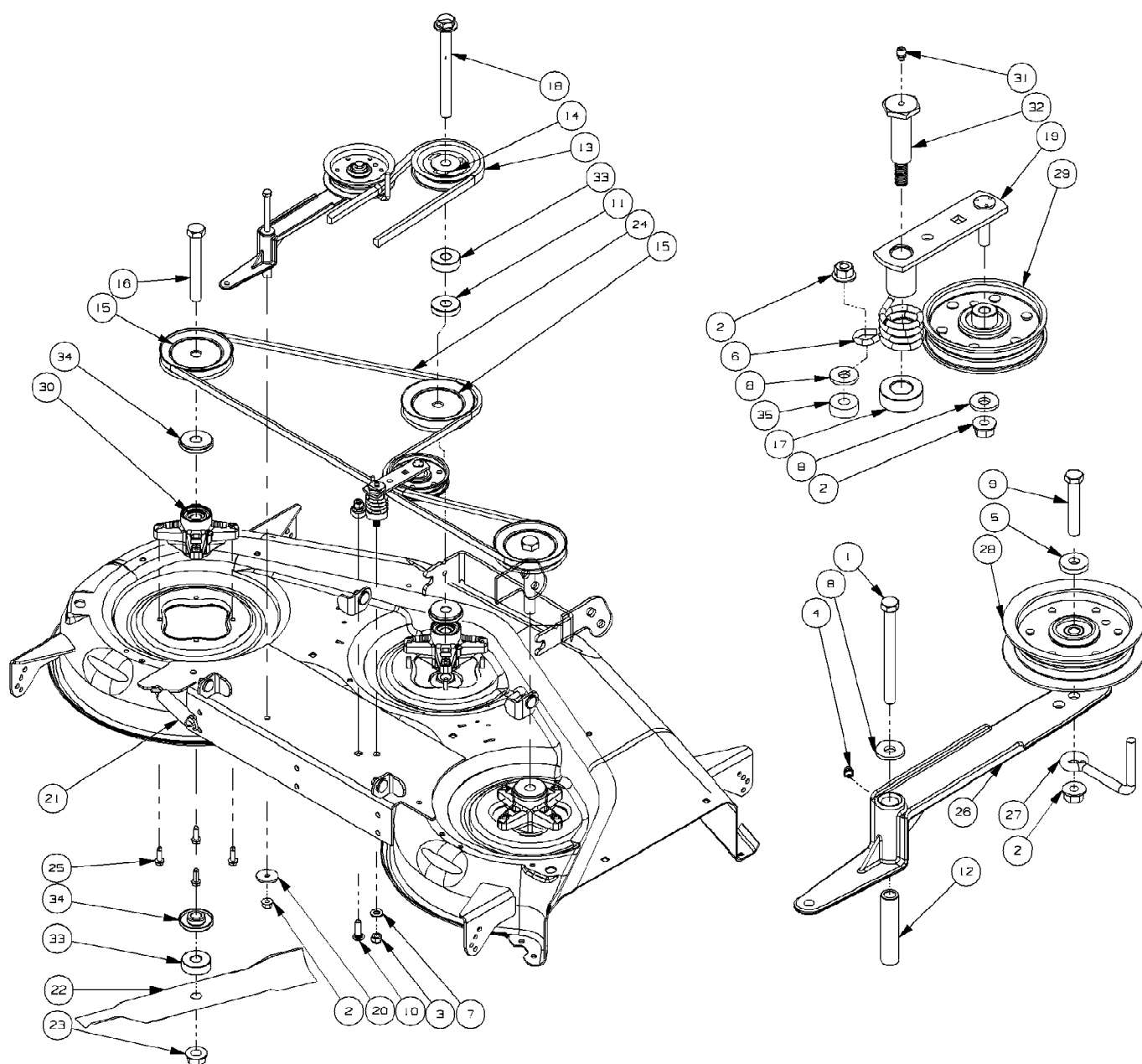
Z-Force 50 17AF3AGP
Deck 50 2009 & After

Page 14 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00022560	9		Hex Nut, 3/8-16, Flange Lock
2	01000372	5	S	Carriage Bolt, 3/8-16 x .75
3	01000628	7	S	Screw, 1/4-20 x 1/2
4	01006961	1		Hex Cap Screw, 1/2-20 x 7.50
5	02002299	1		Nut, 1/2-20, Lock
6	631-04070A	1	/P	Chute Assembly
7	680-00046	1	S	Deck Assembly, 50"
8	703-3511A	1	S	Finger Guard
9	710-04484	6		Self Tapping Screw 5/16-18 x .750
10	712-0641	2	S	Hex Nut, M16-1.5
11	721-04041	1	S	Water Nozzle Adaptor
12	731-3005	1	/P	Front Roller
13	734-04155	4		Deck Wheel, 5.00 Dia.
14	736-0760	2	S	Lock Washer, 17 x 23.8 x 1.95
15	737-04003C	2	S	Deck Water Nozzle
16	738-3056	4	S	Shoulder Screw .498 x 1.53
17	783-04399	1		Belt Cover Left Hand
18	783-04400	1		Belt Cover Right Hand
19	783-04414A	1	/P	Skirt, Center, 50"
20	783-04415	1		Skirt, Right Hand, 50"

Z-Force 50 17AF3AGP
Deck Spindle Assembly 50 2008 & Before

Page 15 of 74



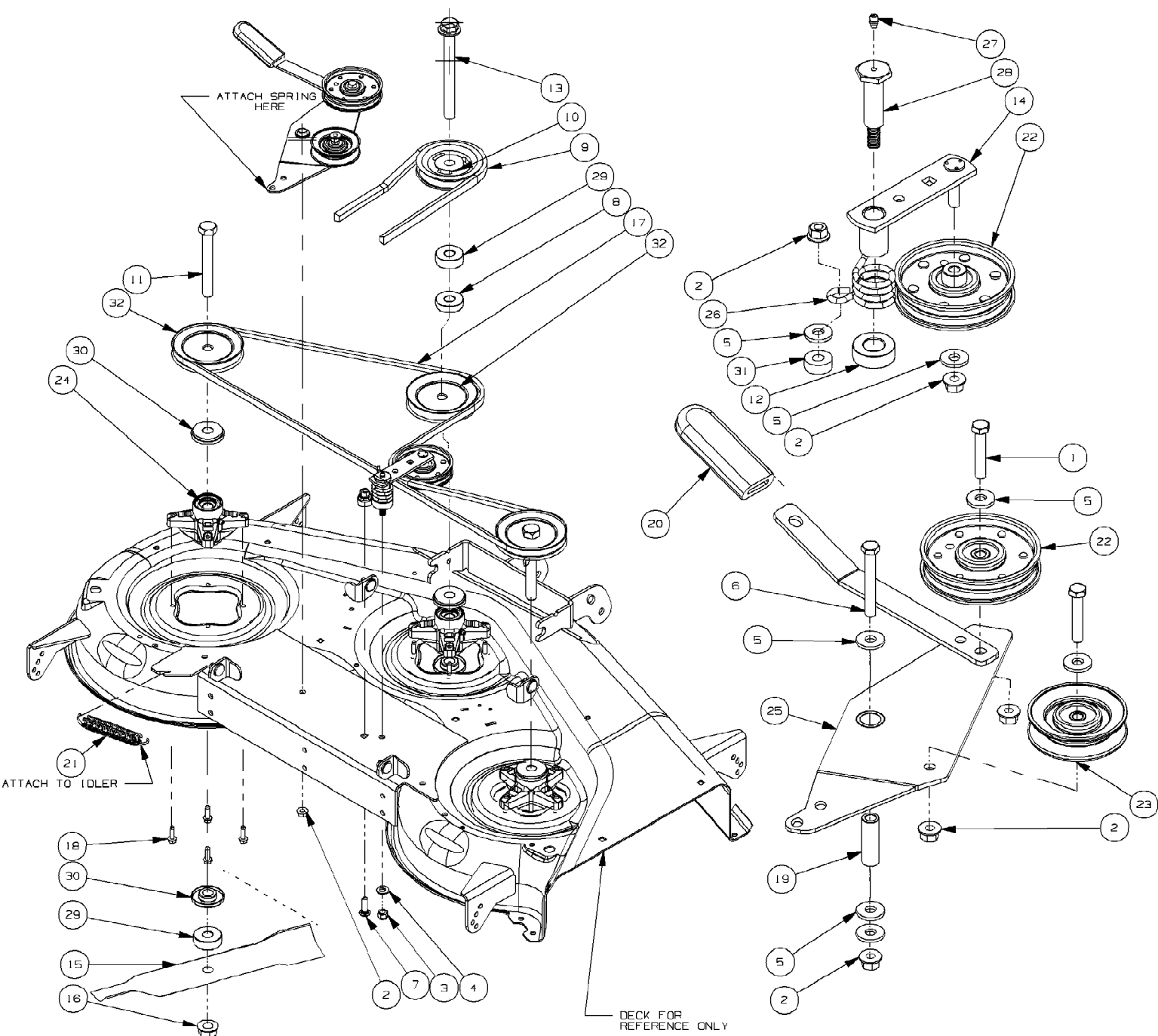
Z-Force 50 17AF3AGP
Deck Spindle Assembly 50 2008 & Before

Page 16 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00011925	1		Hex Cap Screw, 3/8-16, 4.00
2	00022560	4		Hex Nut, 3/8-16, Flange Lock
3	00027279	1	S	Nut 7/16-14, Nylock
4	00060078	1	/P	Grease Fitting, 1/4-28 x 3/16
5	00083192	1		Idler Washer
6	732-3009	1	S	Idler Spring replaces 01000387
7	01000393	1	S	Flat Washer, .469 ID x .875 OD x .105
8	01000723	3	S	Flat Washer, .406 ID x 1.0 OD x .105
9	01001366	1		Hex Cap Screw 3/8-16 x 2.25
10	01002010	1	S	Carraige Screw, 3/8-16 x 1.25
11	01002564	1		Spacer, .76 ID x 2.00 OD x .477
12	01003245	1		Spacer, .39 ID x .625 OD x 2.75
13	01005011	1	/P	V-Belt, Mower Drive
14	01005202	1		V-Pulley, 4.75 OD
15	01006535	3	S	V-Pulley, 5.0 OD
16	01006590	2		Hex Cap Screw 3/4-16 x 5.50
17	01008456	1		Spacer .760 ID x 1.5 OD
18	01008542	1		Hex Cap Screw, 3/4-16, 7.50
19	01008593	1		Idler Arm Assembly
20	01009253	1		Washer, 5/16-18
21	01009635	1		Extension Spring, .98 OD x 5.00
22	01010168	3	S	Hi-Lift Blade, 17.9
23	02000402	3		Nut, 3/4-16, Hex Flange
24	02000653	1	/P	V-Belt, 1/2 x 90.9 LG
25	02000762	12		Self Tapping Screw 5/16-18 x 1.0
26	02001855	1	/P	Idler Arm Assembly, Top
27	02002356	1		Belt Guide
28	02004447	1	/P	Idler Pulley, 4.06
29	02005077	1	/P	Flat Pulley
30	618-04426	3	S	Spindle Assembly
31	737-3000	1	S	Grease Fitting
32	738-3172	1		Shoulder Screw .68 x 2.11
33	748-3020	4	S	Blade Spacer
34	748-3065A	6	/P	Spindle Spacer
35	750-3119	1	/P	Spacer .406 ID x 1.0 OD

Z-Force 50 17AF3AGP
Deck Spindle Assembly 50 2009 & After

Page 17 of 74



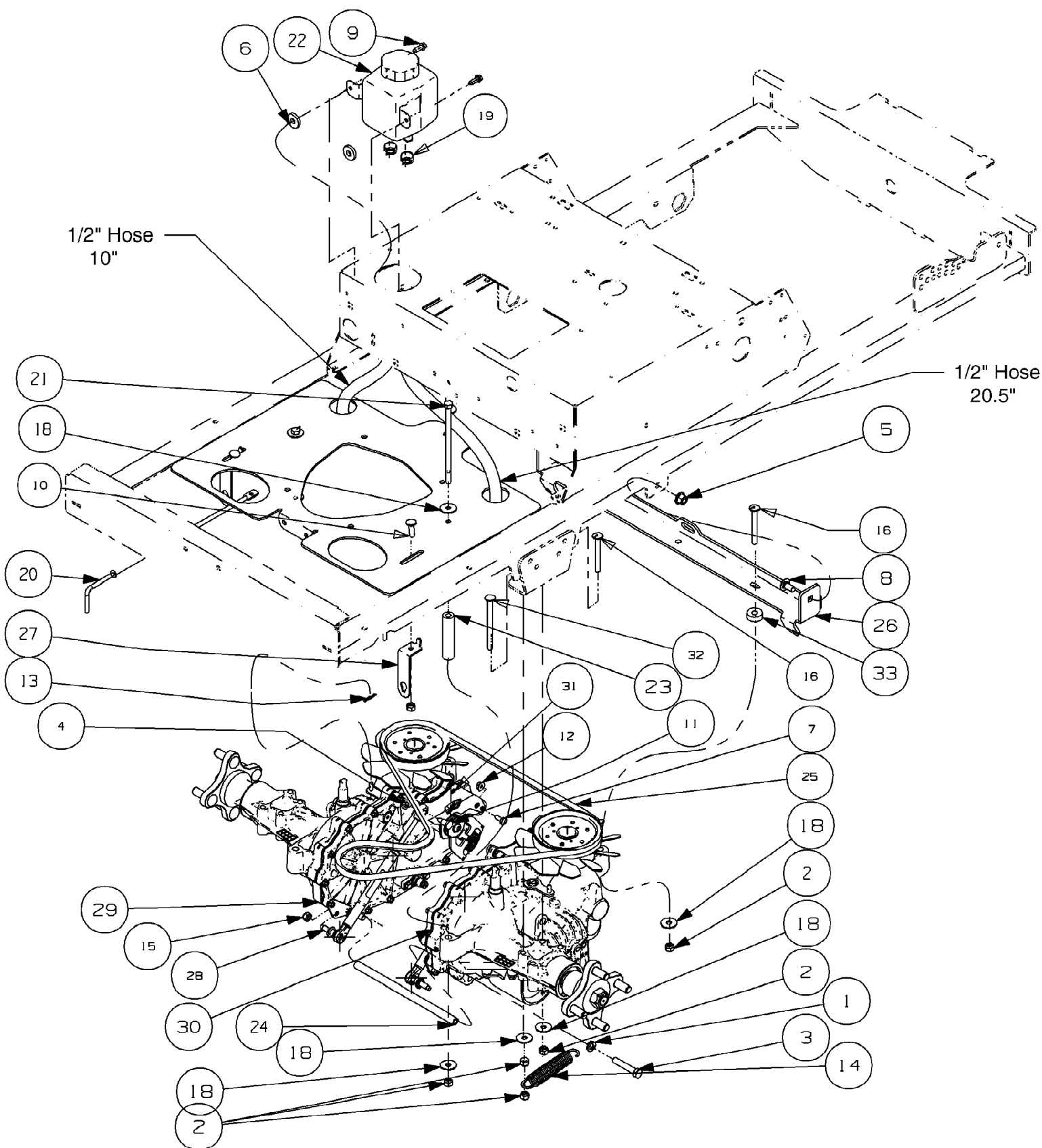
Z-Force 50 17AF3AGP
Deck Spindle Assembly 50 2009 & After

Page 18 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00002528	2		HHCS, 3/8-16 x 2.00
2	00022560	5		Hex Nut, 3/8-16, Flange Lock
3	00027279	1	S	Nut 7/16-14, Nylock
4	01000393	1	S	Flat Washer, .469 ID x .875 OD x .105
5	01000723	7	S	Flat Washer, .406 ID x 1.0 OD x .105
6	01001371	1	S	HHCS, 3/8-16 x 2.75
7	01002010	1	S	Carraige Screw, 3/8-16 x 1.25
8	01002564	1		Spacer, .76 ID x 2.00 OD x .477
9	01005011	1	/P	V-Belt, Mower Drive
10	01005202	1		V-Pulley, 4.75 OD
11	01006590	2		Hex Cap Screw 3/4-16 x 5.50
12	01008456	1		Spacer .760 ID x 1.5 OD
13	01008542	1		Hex Cap Screw, 3/4-16, 7.50
14	01008593	1		Idler Arm Assembly
15	01010168	3	S	Hi-Lift Blade, 17.9
16	02000402	3		Nut, 3/4-16, Hex Flange
17	02000653	1	/P	V-Belt, 1/2 x 90.9 LG
18	02000762	12		Self Tapping Screw 5/16-18 x 1.0
19	02003640	1		Spacer, .39 ID x .625 OD x 1.875
20	02003740	1		Parking Brake Grip
21	02004069	1		Extension Spring, .94 OD x 7.72 LG
22	02005077	2	/P	Flat Pulley
23	02005078	1		Idler Pulley, 3.50 Dia.
24	618-04426	3	S	Spindle Assembly
25	680-00029	1		Idler Arm Assembly, Double, includes:
25	01000308	2		Bearing Not shown
26	732-3009	1	S	Idler Spring
27	737-3000	1	S	Grease Fitting
28	738-3172	1		Shoulder Screw .68 x 2.11
29	748-3020	4	S	Blade Spacer
30	748-3065A	6	/P	Spindle Spacer
31	750-3119	1	/P	Spacer .406 ID x 1.0 OD
32	756-1209	3	S	V-Pulley, 4.90 OD

Z-Force 50 17AF3AGP
Drive Train Assembly 2008 & Before

Page 19 of 74



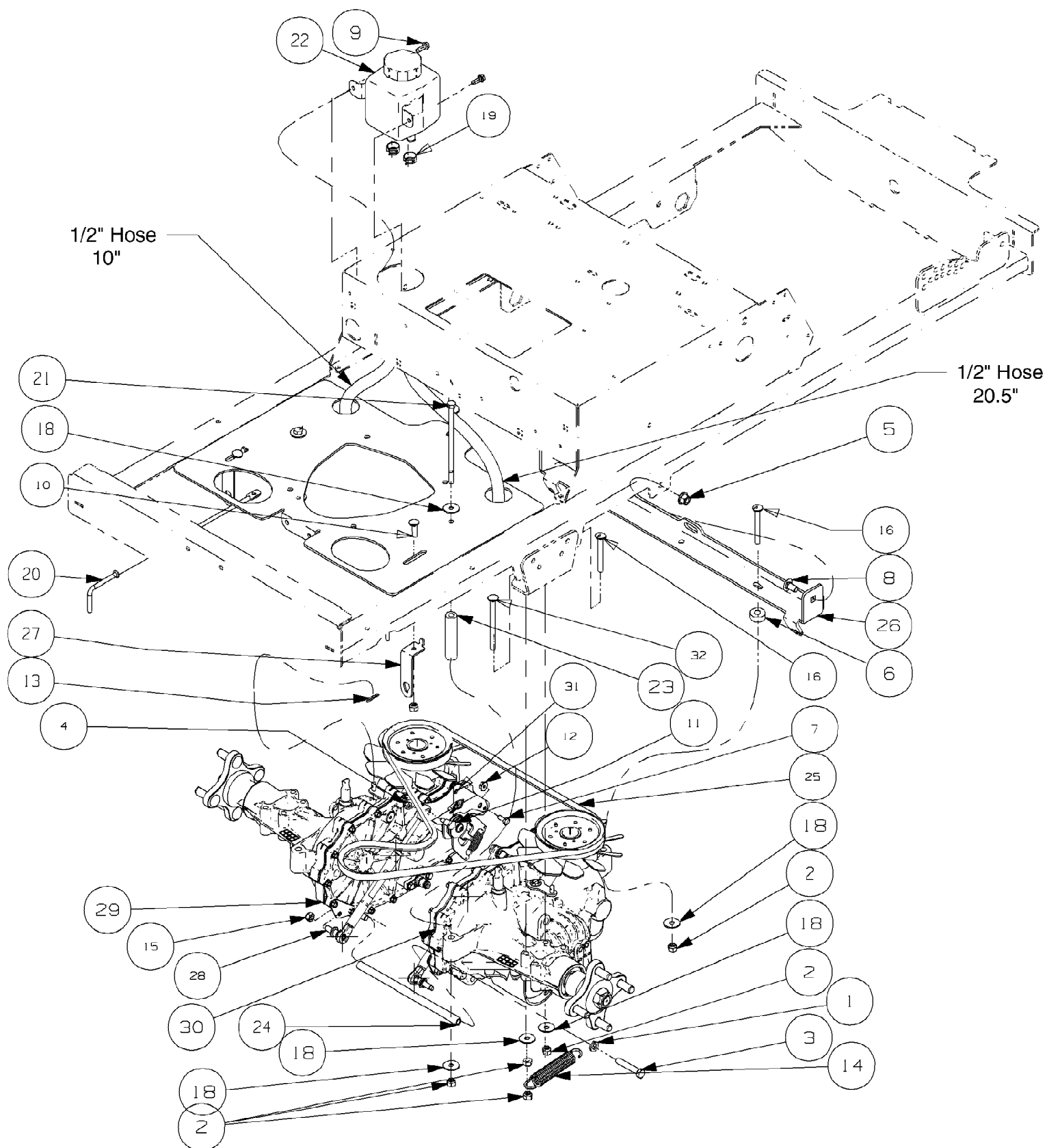
Z-Force 50 17AF3AGP
Drive Train Assembly 2008 & Before

Page 20 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	736-0169	2	S	Lock Washer, 3/8 Zinc
2	712-0429	12	S	Nylock Nut, 5/16-18 replaces 00012165
3	00012172	2		Hex Cap Screw, 3/8-16 x 2.00
4	712-04177	2	/P	Nut, 1/4-28, SS, Nylon Insert replaces 00014081
5	00022560	2		Nut, Flange Lock, 3/8-16
6	00083192	2		Idler Washer
7	01000338	2	S	Hex Cap Screw 1/4-20 x .620
8	01000372	2	S	Carriage Bolt, 3/8-16
9	710-0642	2	/P	Self Tapping Screw, 1/4-20 x .75
10	01000641	2		Carriage Bolt, 5/16-18 x 1.00
11	01001919	2		Shoulder Screw, 1/4-28
12	01002766	1	S	Nut, 1/4-20, Hex Flange Lock Nut
13	01002771	2	S	Cotter Pin, .072 x 1.12 Lg
14	01002874	2		Extension Spring, .865 OD x 4.68 Long
15	01003561	2		Nut, Hex, Center Lock, M8
16	01005340	4		Carriage Bolt, 5/16-18 x 2.75
17		1		Fuel Hose, .50 ID x .75 OD 30.5 inches, purchase locally
18	01009937	10		Washer, 5/16 x 1.06
19	02001111	4	/P	Hose Clamp
20	02001332	2		Pump Rod
21	02001556	2		Hex Cap Screw, 5/16-18 x 6.00
22	631-04286	1	/P	Hydraulic Tank
23	02002646	2		Spacer, .375 ID x .75 OD x 3.30
24	02002647	1		Transmission Support Tube
25	02002648	1		V-Belt, 58.4
26	02002679	1	S	Transmission Front Mounting Bracket
27	02002965	2	S	Neutral Bracket
28	02003622	2		Cylinder Return to Neutral
29	02004678	1	S	IZT Transmission, Left hand
29	02002150	1	S	Filter
30	02004679	1	S	IZT Transmission, Right hand
30	02002150	1	S	Filter
31	02004681	2		Return to Neutral Control Bracket
32	02005326	2		Carriage Bolt, 5/16-18 x 4.00
33	750-3119	2	/P	Spacer .406 ID x 1.0 OD

Z-Force 50 17AF3AGP
Drive Train Assembly 2009 & After

Page 21 of 74



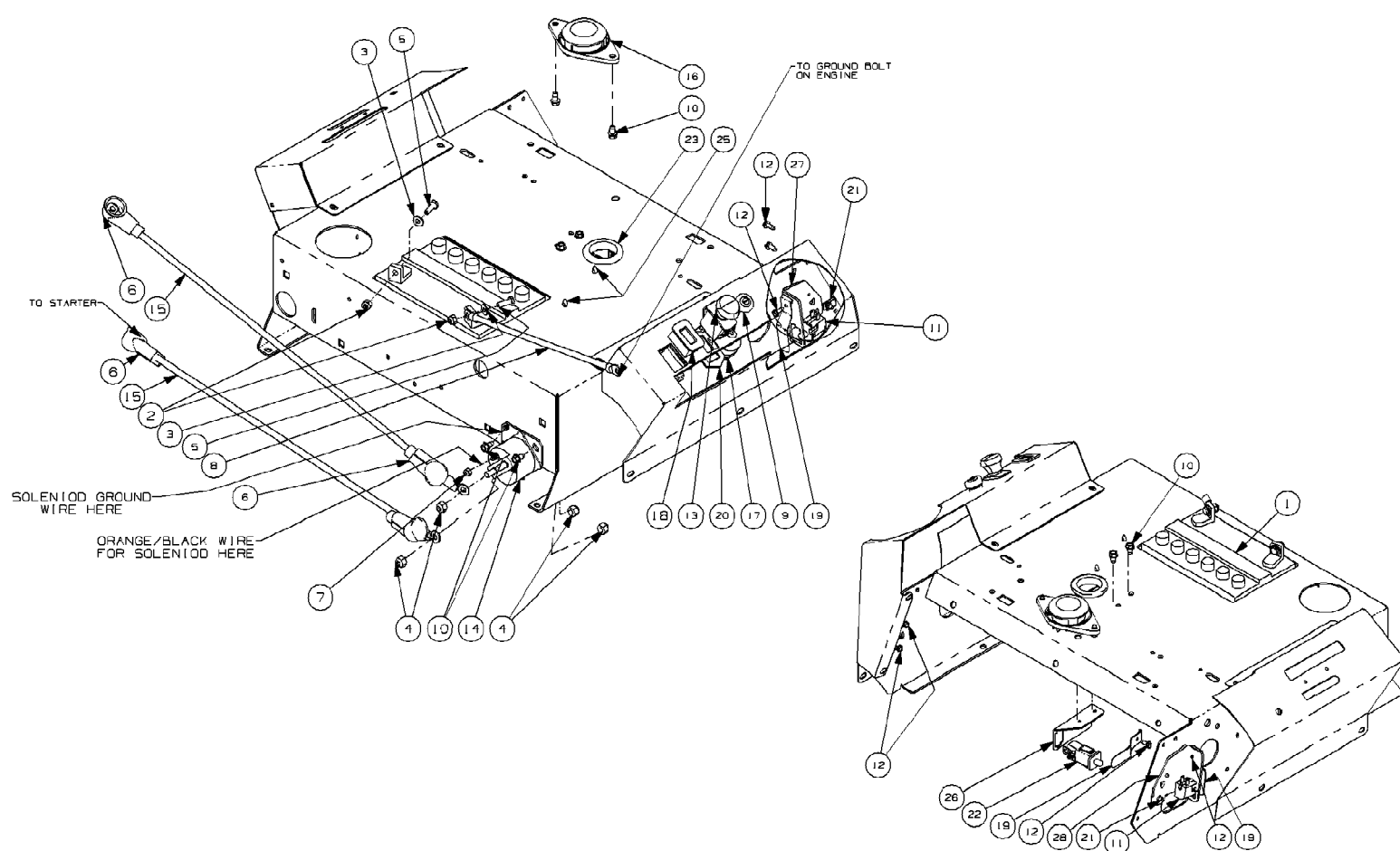
Z-Force 50 17AF3AGP
Drive Train Assembly 2009 & After

Page 22 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	736-0169	2	S	Lock Washer, 3/8 Zinc
2	712-0429	12	S	Nylock Nut, 5/16-18
3	00012172	2		Hex Cap Screw, 3/8-16 x 2.00
4	712-04177	2	/P	Nut, 1/4-28, SS, Nylon Insert
5	00022560	2		Nut, Flange Lock, 3/8-16
6	750-3119	2	/P	Spacer .406 ID x 1.0 OD
7	01000338	2	S	Hex Cap Screw 1/4-20 x .620
8	01000372	2	S	Carriage Bolt, 3/8-16
9	710-0642	2	/P	Self Tapping Screw, 1/4-20 x .75
10	01000641	2		Carriage Bolt, 5/16-18 x 1.00
11	01001919	2		Shoulder Screw, 1/4-28
12	01002766	1	S	Nut, 1/4-20, Hex Flange Lock Nut
13	01002771	2	S	Cotter Pin, .072 x 1.12 Lg
14	01002874	2		Extension Spring, .865 OD x 4.68 Long
15	01003561	2		Nut, Hex, Center Lock, M8
16	01005340	4		Carriage Bolt, 5/16-18 x 2.75
17	N/A	1		Fuel Hose, .50 ID x .75 OD (30.5 inches) Purchase Locally
18	01009937	10		Washer, 5/16 x 1.06
19	02001111	4	/P	Hose Clamp
20	02001332	2		Pump Rod
21	02001556	2		Hex Cap Screw, 5/16-18 x 6.00
22	631-04286	1	/P	Hydraulic Tank
23	02002646	2		Spacer, .375 ID x .75 OD x 3.30
24	02002647	1		Transmission Support Tube
25	02002648	1		V-Belt, 58.4
26	02002679	1	S	Transmission Front Mounting Bracket
27	02002965	2	S	Neutral Bracket
28	02003622	2		Cylinder Return to Neutral
29	02004678	1	S	2800 Transmission, Left hand
29	02002150	1	S	Filter Not shown
30	02004679	1	S	2800 Transmission, Right hand
30	02002150	1	S	Filter Not shown
31	02004681	2		Return to Neutral Control Bracket
32	02005326	2		Carriage Bolt, 5/16-18 x 4.00

Z-Force 50 17AF3AGP
Electrical Assembly

Page 23 of 74



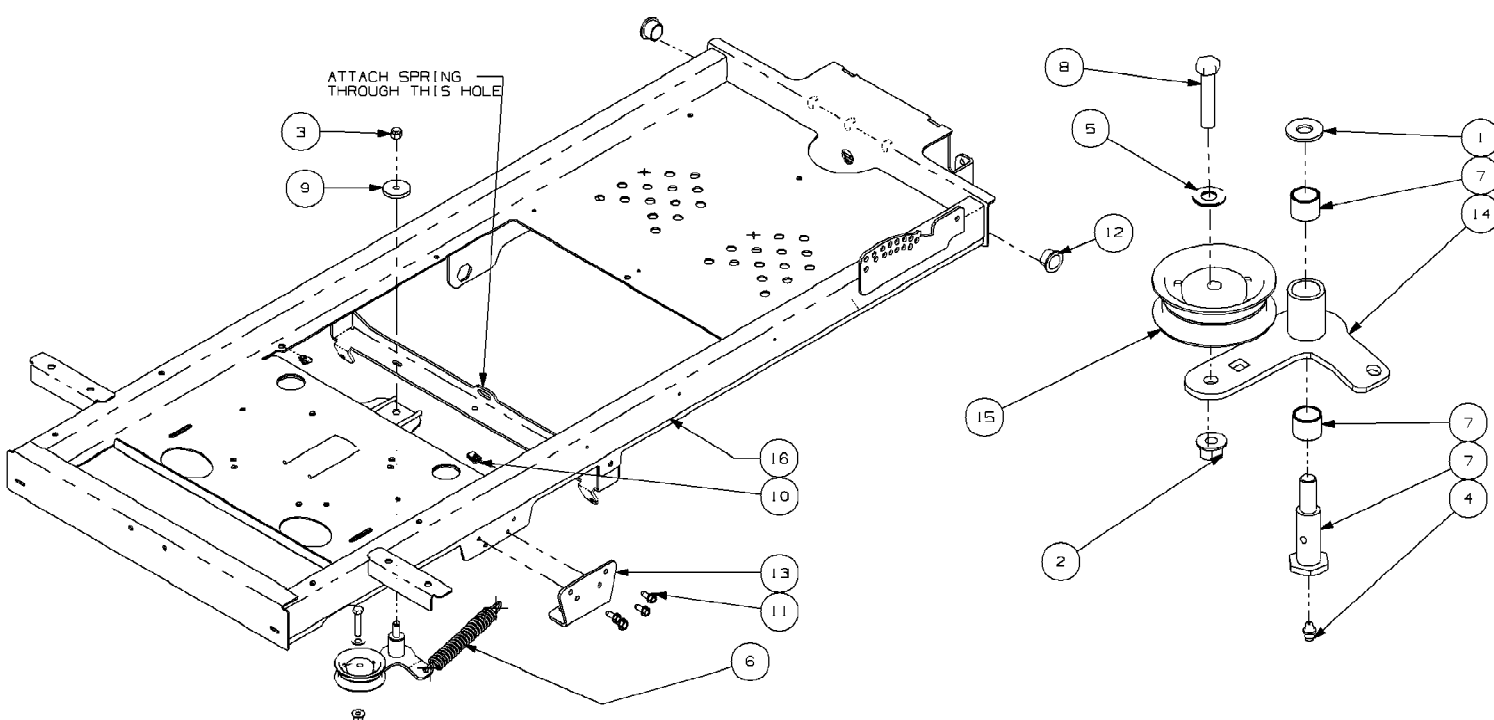
Z-Force 50 17AF3AGP
Electrical Assembly

Page 24 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00012032	1	S	Battery, 12V 225CCA 30Min
2	00012152	2		Lock Nut, Nylon Insert, 1/4-20
3	00012154	2		Flat Washer, 1/4
4	712-0429	2	S	Nut, 5/16-18, Nylock replaces 00012165
5	710-3015	2	/P	Hex Cap Screw, 1/4-20 x .75 replaces 00013131
6	00013258	4		Boot, 1" OD Rubber Battery-PST Red
7	00014608	1	/P	Lock Nut, Nylon Insert, 10 - 32
8	00024233	1		Cable, Battery, Black, 17"
9	00032097	1		Nut, 5/8-32, w/Cap
10	01000628	6	S	Self Tapping Screw, 1/4-20 x 1/2
11	01001717	2		Normally Closed Safety Switch
12	01001864	7		Self Tapping Screw, 10-32 x 1/2
13	01002111	1		Electric PTO Switch
14	01002228	1		Solenoid Magnetic Switch
15	01002252	2		Cable, Battery, Red, 24"
16	01003277	1		Normally Closed Seat Switch
17	01003581	1	S	Switch, Ignition, 6 Pin
17	725-1341B	1	/P	Key, Ignition not shown
18	01007597	1	S	Hour Meter includes:
18	02004259	1		Clip not shown
19	01008042	3	S	Safety Switch Retainer Spring
20	01009905	1		PTO Switch Bracket
21	01009931	2		U-nut, 10-24
22	02000024	1	S	Switch, Safety N.O./N.C.
23	02001134	1		Gromment, 1.5 ID x 2.13 OD
25	02003037	2		Electrical Conduit Clip, 3/8
26	02003596	1	S	Brake Switch Mounting Bracket
27	02003926	1		Bracket, Safety Switch, Right Hand
28	02003927	1		Bracket, Safety Switch, Left Hand
	02005213	1		Harness Assembly adaptor Kohler not shown
	02002990	1		Harness Assembly not shown

Z-Force 50 17AF3AGP
Frame Assembly

Page 25 of 74



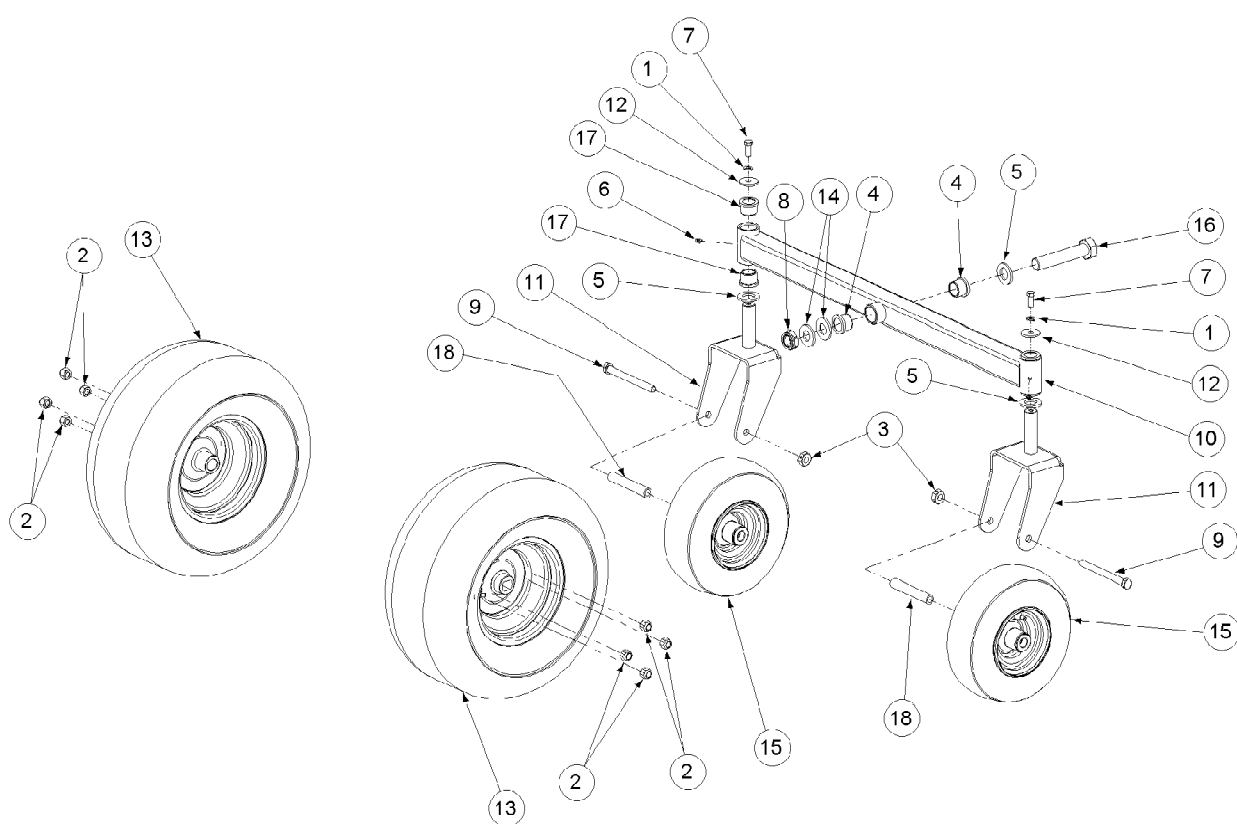
Z-Force 50 17AF3AGP
Frame Assembly

Page 26 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00006168	1		Flat Washer, 3/8 zinc
2	00022560	1		Hex Nut, 3/8-16 Flange Lock
3	00027279	1	S	Nylock Nut, 7/16-14
4	00060078	1	/P	Grease Fitting, 1/4-28 x 3/16
5	00061053	1		Washer, 3/8, SS
6	01000199	1		Extension Spring, 1.00 OD x 5.00 lg
7	01000505	1	S	Shoulder Bolt
8	710-0347	1	/P	Hex Cap Screw, 3/8-16 x 1-3/4
9	01003269	1		Flat Washer, 7/16 ID x 1.75 OD
10	01008539	2	S	U-Nut, 1/4-20
11	710-04484	8		Self Tapping Screw 5/16-18 x .750 replaces 01008620
12	02002628	2		Bronze Bushing, .875 ID x 1.50 OD
13	02002641	2	S	Transmission Mounting Bracket
14	02003641	1		Idler Arm Assembly includes:
14	01000308	2		Bearing Sleeve not shown
15	02004558	1	/P	Flat Idler Pully
16	02004865	1	S	Frame Assembly Weldment

Z-Force 50 17AF3AGP
Front Caster & Tire Assembly 50

Page 27 of 74



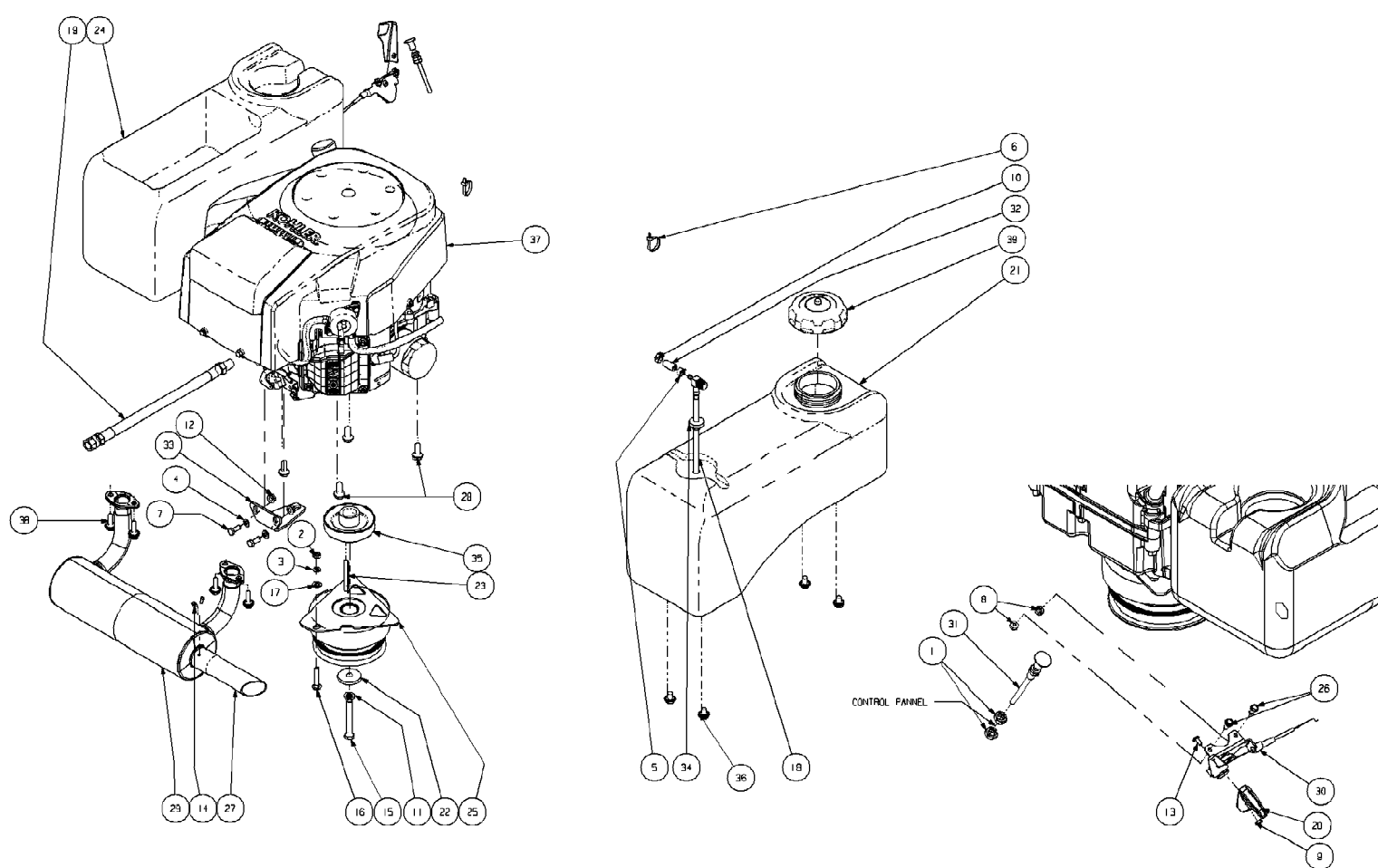
Z-Force 50 17AF3AGP
Front Caster & Tire Assembly 50

Page 28 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	736-0169	2	S	Lock Washer, 3/8 Zinc
2	00012187	8		Lug Nut, 1/2-20
3	00023287	2		Nut, 1/2-20, Center Lock
4	02003599	2	S	Flange Bearing, 1.001 ID
5	00023822	3		Washer Special
6	00060078	2	/P	Grease Fitting, 1/4-28 x 3/16
7	01000368	2	S	Hex Cap Screw, 3/8-16 x .88
8	01000678	1	S	Nut Jam, 1.0-14, Nylon Insert
9	01000745	2	S	Hex Cap Screw, 1/2-20 x 5.50
10	01008384	1	S	Front Axle Assembly
11	01008549	2	S	Castor Wheel Mounting Bracket
12	01009253	2		Flat Washer, .390 x 1.5 x .134
13	01009828	2		Wheel Assembly, 18 x 9.5
14	02000588	2		Flat Washer, 1.00 ID x 2.25 OD x .075
15	02003488	2		Wheel Assembly, 11 x 4 - 4, Beige
15	02002107	1		Front Retainer Bushings not shown
15	02002106	1		Front Roller Bearings not shown
16	02003804	1		Hex Cap Screw, 1-14 x 5.5
17	731-0374	4	S	Flange Bearing, 1.0 ID
18	750-3197A	2	/P	Wheel Spacer

Z-Force 50 17AF3AGP
Kohler Engine Assembly 23HP

Page 29 of 74



Z-Force 50 17AF3AGP
Kohler Engine Assembly 23HP

Page 30 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00011453	2		Hex Jam Nut, 3/8-24
2	712-3007	1	/P	Hex Nut, 5/16-18 replaces 00012166
3	736-0119	1	S	Lock Washer, 5/16 replaces 00012168
4	00012169	2		Flat Washer, 5/16
5	00012235	1		Clamp, Union
6	00012470	2	S	Cable Tie, 3/16 x .05 x 7.4
7	710-3008	2	/P	Hex Cap Screw, 5/16-18 x .75 replaces 00013406
8	00014608	2	/P	Lock Nut, Nylon Insert, 10-32
9	00060056	1		Nut, w/ Star Washer
10	01000215	1		Hose Clamp, 1/4-5/8, SS
11	736-0171	1	S	Lock Washer, 7/16
12	01000635	2	S	Lock Nut, Hex Flange, 5/16-18
13	01000721	1	S	Machine Screw, 8-32 x .375
14	01000811	2	S	Screw, 8-32 x .375, Hex Washer
15	01000813	1	S	Hex Cap Screw, 7/16-20 x 3.0
16	01000956	1	S	Carriage Bolt, 5/16-18 x 1.75
17	01002710	1		Washer, 3/8 x .738 x .063
18	01003116	1		Fuel Pickup Fitting
19	01003283	1		Oil Drain Extension Hose
20	731-04914	1	/P	Throttle Control Knob replaces 01004004
21	01004350	1		Fuel Tank
22	01005314	1	S	Flat Washer, 7/16 ID x 1.75 OD x .250
23	01007533	1		Key, 1/4 x 1/4 x 2.75
24	01008138	1	S	Utility Bin
25	01008434	1	S	Ogura DX11 Electric Clutch
26	01008531	2	S	Screw, #10-32 x 0.500
27	01008623	1		Exhaust Pipe
28	01009243	4		Self Tapping Screw, 3/8-16 x 0.875
29	02000456	1		Kohler Muffler
30	02000477	1		Throttle Control Cable
31	02000478	1		Choke Cable
32		1		Hose, 1/4" Fuel Line purchase locally
33	703-07213	1		Clutch Retainer Assembly Replaces 02001992
34	02002253	1	/P	Fuel Tank Grommet
35	02003417	1	/P	Transmission Drive Pulley
36	02005013	8		Hex Head Cap Screw, 3/8-16 x 1.00, Flange Whiz
37	02005087	1	S	23HP Kohler Engine
38	02005299	4		Hex Head Cap Screw, 5/16-18 x 1.00, Flange Whiz
39	751-3124D	1	S	Fuel Cap

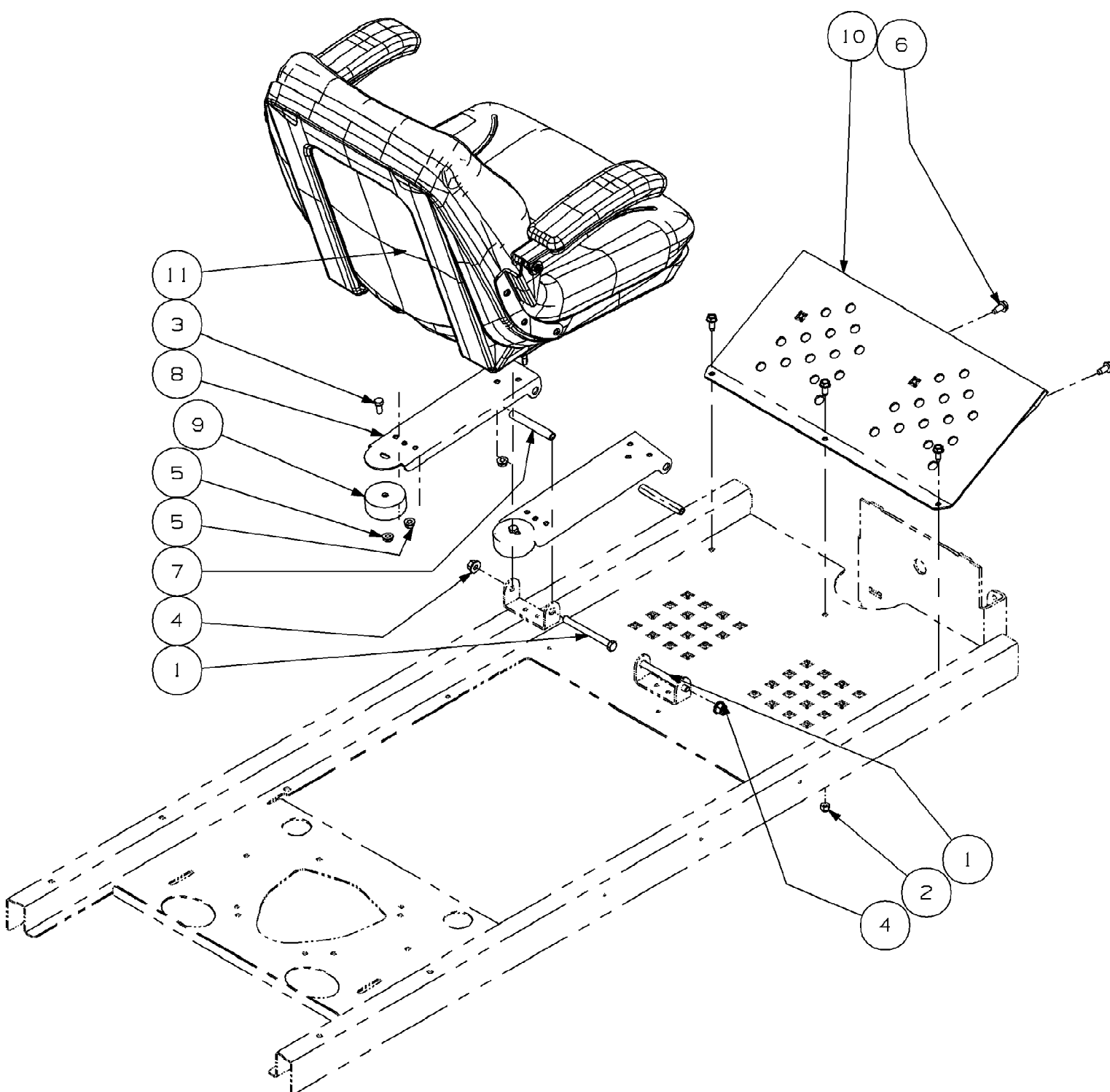
Z-Force 50 17AF3AGP
Lift Assembly

Page 32 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00008495	1		Capscrew, 3/8-16 x 1-3/4
2	00011438	3		Hex Cap Screw, 3/8-16 x 1-1/2
3	00013416	1		Hex Cap Screw, 1/4-20 x 1.00
4	00022560	14		Nut, 3/8-16, Hex Flange Lock
5	712-3015	4	S	Jam Nut, 5/8-11 replaces 00035632
6	00083192	1		Idler Washer
7	01002766	1	S	Nut, 1/4-20, Hex Flange Lock Nut
8	01003468	3		Spacer, .375 x .50 x .75 Lg
9	01003536	4		Shoulder Screw, 0.625 OD x .830 Lg.
10	01007312	1		Spacer, .625 OD x .385 ID x 1/2
11	01008658	6		Jam Nut, 1/2-20
12	02000393	4		Shoulder Screw, 3/8-16, .56 x .27
13	02000671	2		Lock Washer, 5/8
14	02001891	4		Washer, 1.00 OD x .625 ID x .048
15	02002374	1	/P	Foot Lift Pivot Assembly
16	02002382	3		Deck Lift Bracket
17	02004694	1	S	Index Plate
18	02003751	4		Spacer, .635 ID x 1.188 OD x .406
19	02004227	1		Trail Link Pivot Rod
20	02002879	1		Front Lift Rod
21	02002880	1	S	Foot Pedal Assembly
22	02002882	1		Foot Lift Torsion Spring
23	02002890	3		Lower Lift Bracket Assembly
24	02002893	2		Lift Link
25	02002907	1		Clevis Pin, .375 x 1.89 x 2.125
26	02002915	1		Front Shaft Assembly
27	02002916	1		Rear Shaft Assembly
28	02002979	1		Link Plate
29	02003436	1		Spacer, .380 ID x .500 OD x .605
30	02003685	4		Hex Flange Bearing, .875 ID
31	02003716	3		E Clip, .875 Dia.
32	02003717	2		Sockethead Capscrew, 3/8-16 x 1.50
33	02003720	3		Flat Washer, .94 x 1.75 x .11
34	02000673	4		Hair Pin
35	02005334	4		Spacer, .628 ID x .875 OD x .500
36	00021956	1		Hair Pin

Z-Force 50 17AF3AGP
Seat Assembly 50 2008 & Before

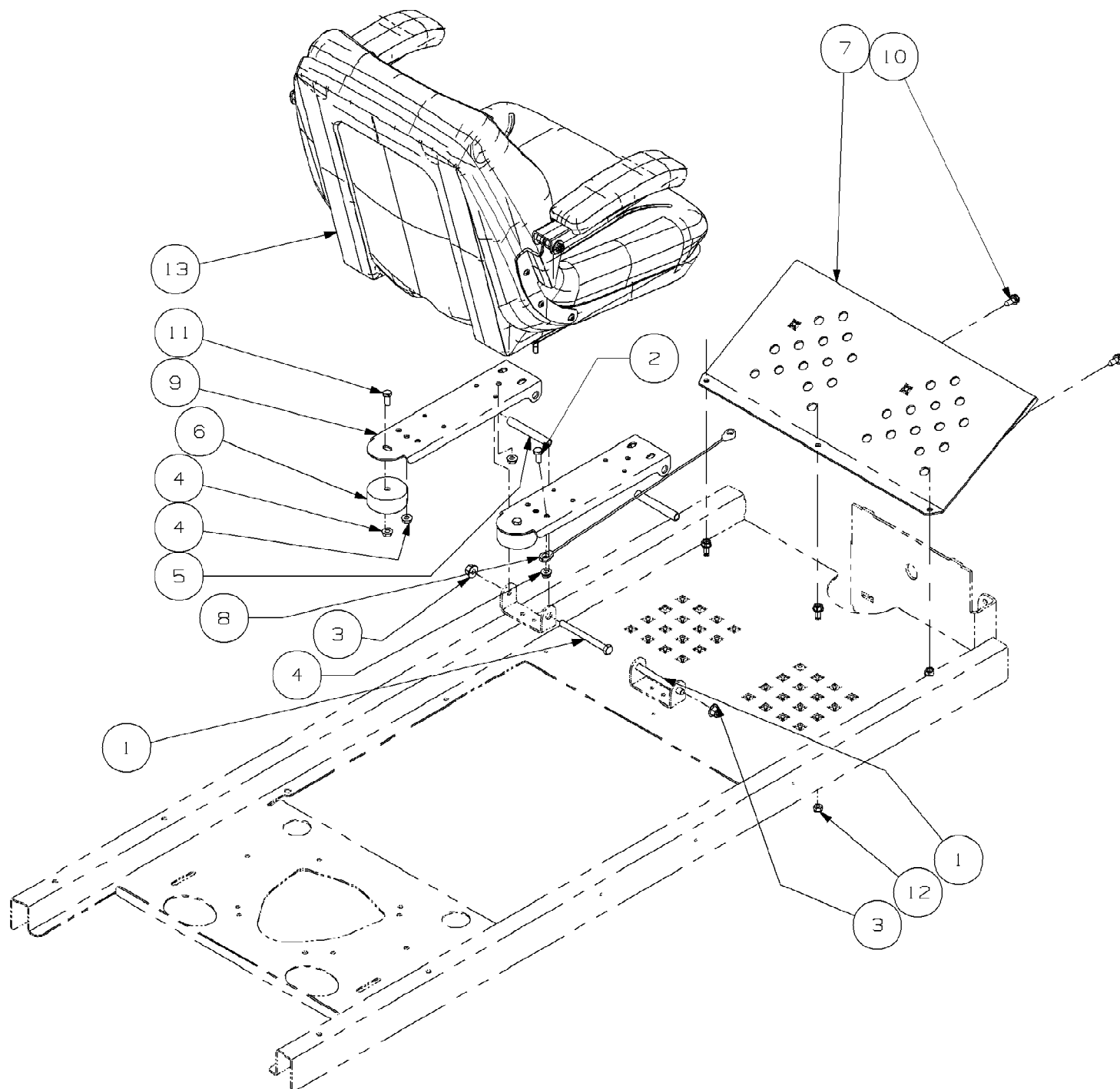
Page 33 of 74



Z-Force 50 17AF3AGP
Seat Assembly 50 2008 & Before

Page 34 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00011925	2		Hex Cap Screw, 3/8-16, 4.00
2	00012165	3		Nylock Nut, 5/16-18
3	00013406	2		Hex Cap Screw, 5/16-18 x .75
4	00022560	2		Flange Lock Hex Nut, 3/8-16
5	01000635	6	S	Nut, 5/16-18, Hex Flange Lock
6	01008620	5		Self Tapping Screw 5/16-18 x .750
7	01009872	2		Spacer, .370 ID x .500 OD x 3.45
8	703-06691	2		Seat Mounting Bracket
9	02002952	2		Bumper, 2.50 OD x 1.13 Long
10	02002960	1	S	Foot Rest Bracket
11	757-04070	1	/P	Seat
11	02002255	1		Armrest Kit not shown
11	710-3256	6	/P	Screw, Button Head 1/4-20 x .50 not shown



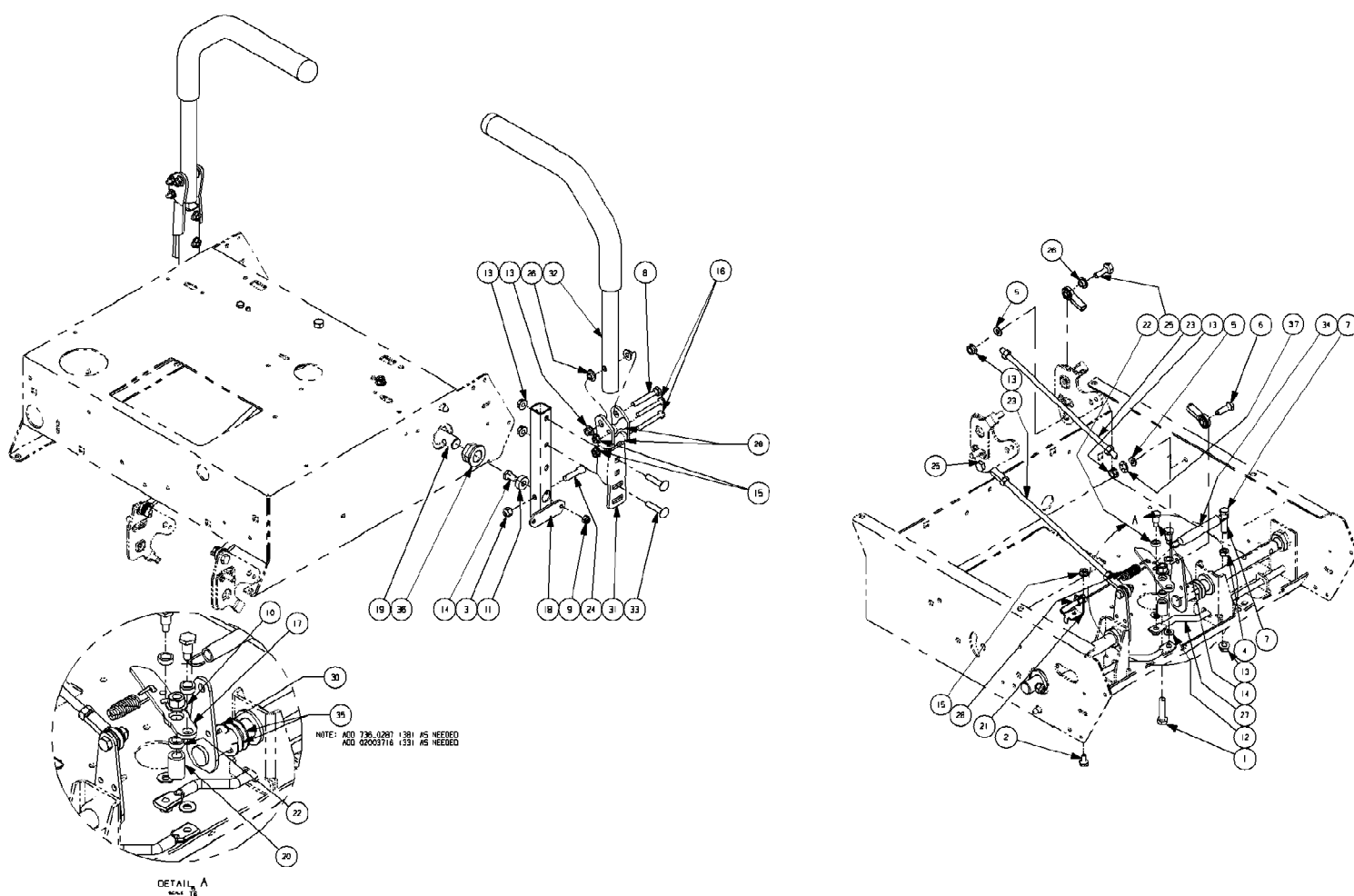
Z-Force 50 17AF3AGP
Seat Assembly 50 2009 & After

Page 36 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00011925	2		Hex Cap Screw, 3/8-16, 4.00
2	00013406	1		Hex Cap Screw, 5/16-18 x 3/4
3	00022560	2		Flange Lock Hex Nut, 3/8-16
4	01000635	7	S	Nut, 5/16-18, Hex Flange Lock
5	01009872	2		Spacer, .370 ID x .500 OD x 3.45
6	02002952	2		Bumper, 2.50 OD x 1.13 Long
7	02002960	1	S	Foot Rest Bracket
8	02004062	1	S	Lift Cable
9	703-06691	2		Seat Mounting Bracket
10	710-04484	5		Self Tapping Screw 5/16-18 x .750
11	710-3008	2	/P	Hex Cap Screw, 5/16-18 x .75
12	712-0429	3	S	Nylock Nut, 5/16-18
13	757-04070	1	/P	Seat
13	02002255	1		Armrest Kit not shown
13	710-3256	6	/P	Screw, Button Head 1/4-20 x .50 not shown

Z-Force 50 17AF3AGP
Steering Assembly 2008 & Before

Page 37 of 74



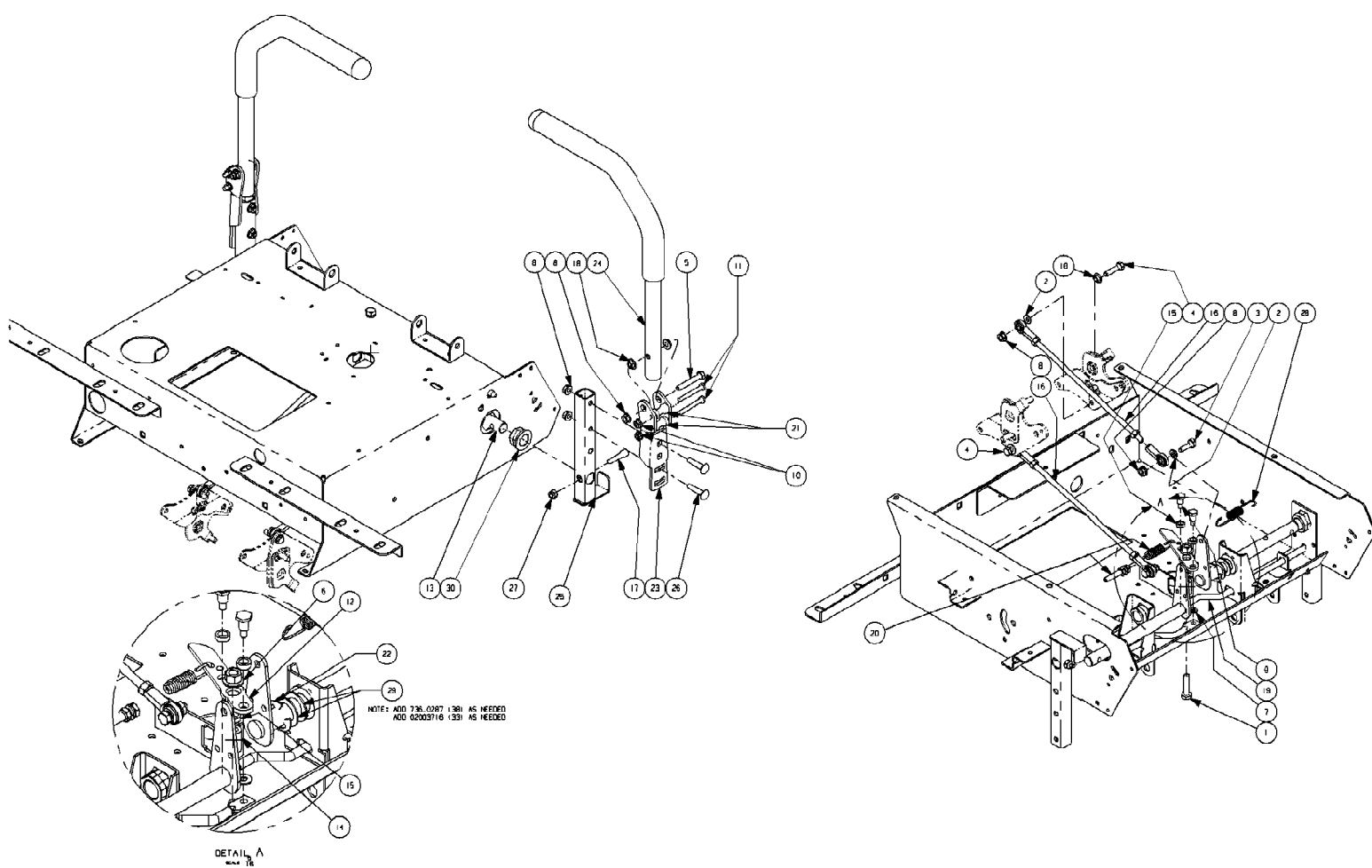
Z-Force 50 17AF3AGP
Steering Assembly 2008 & Before

Page 38 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00011438	1		Hex Cap Screw, 3/8-16 x 1-1/2
2	00012133	1	S	Hex Cap Screw, 1/4-20 x 1/2
3	712-0429	2	S	Nylock Nut, 5/16-18 replaces 00012165
4	00012166	1		Hex Nut, 5/16-18
5	00012169	4		Flat Washer, 5/16
6	00012180	2		Hex Head Cap Screw, 5/16-18 x 1.00
7	00012382	1		Hex Cap Screw, 5/16-18 x 1-1/2
8	00013198	2		Hex Cap Screw, 5/16-18 x 2.00
9	712-04177	2	/P	Nut, 1/4-28, SS, Nylon Insert replaces 00014081
10	00022560	1		Nut, Flange Lock, 3/8-16
11	00071691	2		Control Rod Spacer
12	01000600	2	S	Flat Washer, 1.4 x .630 x .0515
13	01000635	11	S	Nut, 5/16-18, Lock
14	01001919	4		Shoulder Screw, 1/4-28
15	01002766	6	S	Nut, 1/4-20, Hex Flange Lock Nut
16	01006898	4		Hex Cap Screw, 1/4-20 x 2.00
17	02002684	1		Brake Lever Plate
18	02002687	2	S	Pivot Bracket Weldment
19	02002723	2		Steering Input Shaft Assembly
20	02002844	1		Spacer, .385 ID x .625 OD x .869
21	02002864	1		Brake Cable Mounting Bracket
22	02002885	3		Spacer, .380 x .563 x .196
23	02002992	2		Steering Link Rod
24	02002994	2		Socket Head Capscrew, 5/16-18 x 1.25
25	00013116	2		HHCS, 5/16-18 x 1-1/4
26	02003419	6		Bushing, .310 x .172 x .688 x .06
27	02003560	2		Control Lock Rod
28	02003568	1		Control Cable Lock Out
29	02003644	4		Spacer, .25 ID x .38 OD x 1.13
30	02003716	2		Retainer Ring, E-Clip
31	02003853	2	S	Lapbar Pivot Bracket
32	02003855	2	/P	Lapbar Assembly includes:
32	02003857	1	S	Control Handle Pivot Tube
32	02002662	1		Grip, 1.0
33	710-0262	4	/P	Carriage Bolt, 5/16-18 x 1.50
34	732-0470A	1	S	Extension Spring, .53 OD x 4.7
35	736-0287	4	S	Flat Washer, .793 ID x 1.24 OD x .060
36	741-0598	4	S	Hex Flange Bearing, .752 ID
37	02000300	2		Push Retainer

Z-Force 50 17AF3AGP
Steering Assembly 2009 & After

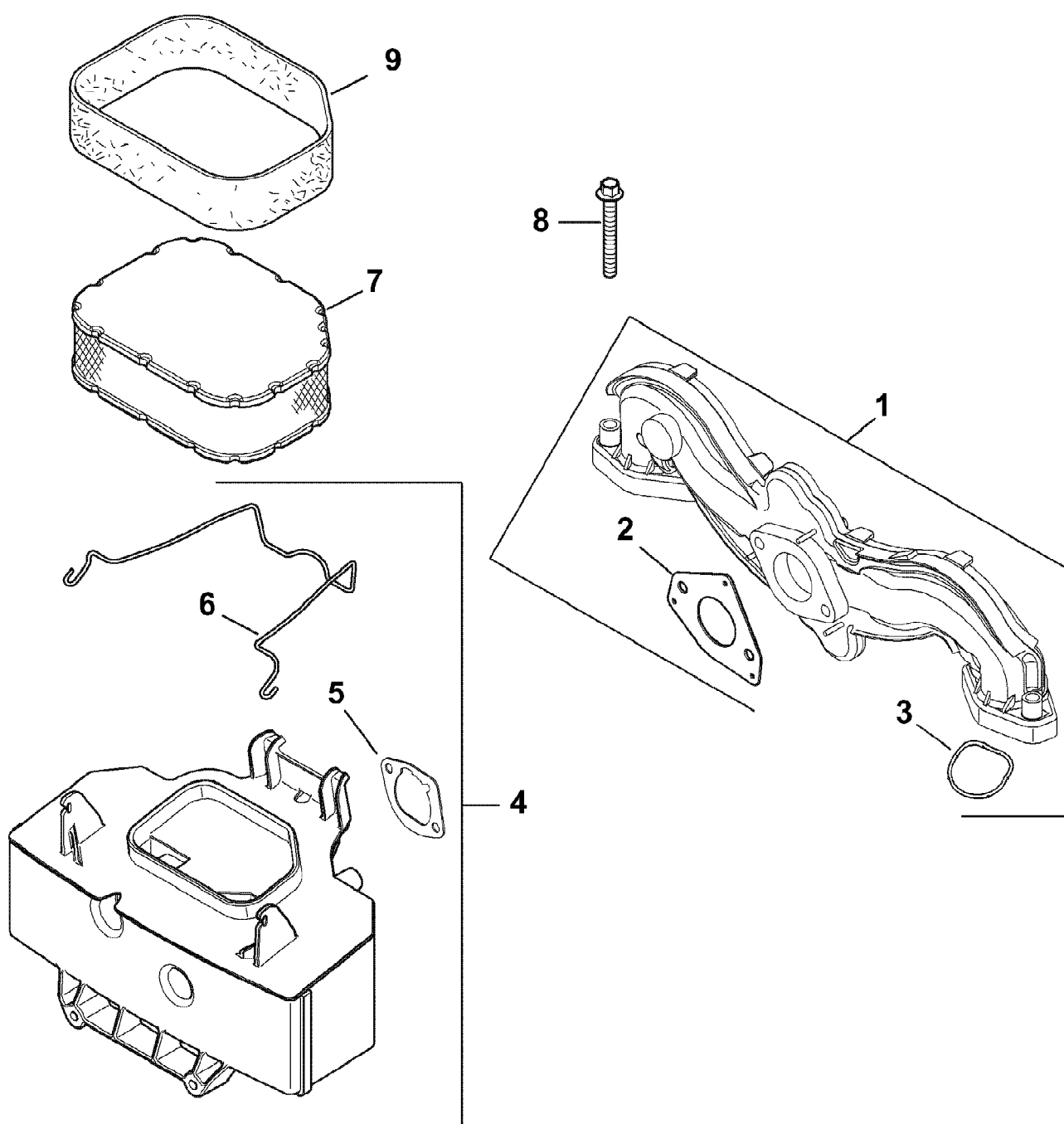
Page 39 of 74



Z-Force 50 17AF3AGP
Steering Assembly 2009 & After

Page 40 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	00011438	1		Hex Cap Screw, 3/8-16 x 1-1/2
2	00012169	4		Flat Washer, 5/16
3	00012180	2		Hex Head Cap Screw, 5/16-18 x 1.00
4	00013116	2		HHCS, 5/16-18 x 1-1/4
5	00013198	2		Hex Cap Screw, 5/16-18 x 2.00
6	00022560	1		Nut, Flange Lock, 3/8-16
7	01000600	2	S	Flat Washer, 1.4 x .630 x .0515
8	01000635	10	S	Nut, 5/16-18, Lock
9	01001919	2		Shoulder Screw, 1/4-28
10	01002766	5	S	Nut, 1/4-20, Hex Flange Lock Nut
11	01006898	4		Hex Cap Screw, 1/4-20 x 2.00
12	02002684	1		Brake Lever Plate
13	02002723	2		Steering Input Shaft Assembly
14	02002844	1		Spacer, .385 ID x .625 OD x .869
15	02002885	3		Spacer, .380 x .563 x .196
16	02002992	2		Steering Link Rod
17	02002994	2		Socket Head Capscrew, 5/16-18 x 1.25
18	02003419	6		Bushing, .310 x .172 x .688 x .06
19	02003560	2		Control Lock Rod
20	02003568	1		Control Cable Lock Out
21	02003644	4		Spacer, .25 ID x .38 OD x 1.13
22	02003716	2		Retainer Ring, E-Clip
23	02003853	2	S	Lapbar Pivot Bracket
24	02003855	2	/P	Lapbar Assembly includes:
24	02002662	1		Grip, 1.0 Not shown
25	680-00050	2	S	Pivot Bracket Weldment
26	710-0262	4	/P	Carriage Bolt, 5/16-18 x 1.50
27	712-0429	2	S	Nylock Nut, 5/16-18
28	732-04610	1		Extension Spring, .544 OD x 3.35
29	736-0287	4	S	Flat Washer, .793 ID x 1.24 OD x .060
30	741-0598	4	S	Hex Flange Bearing, .752 ID



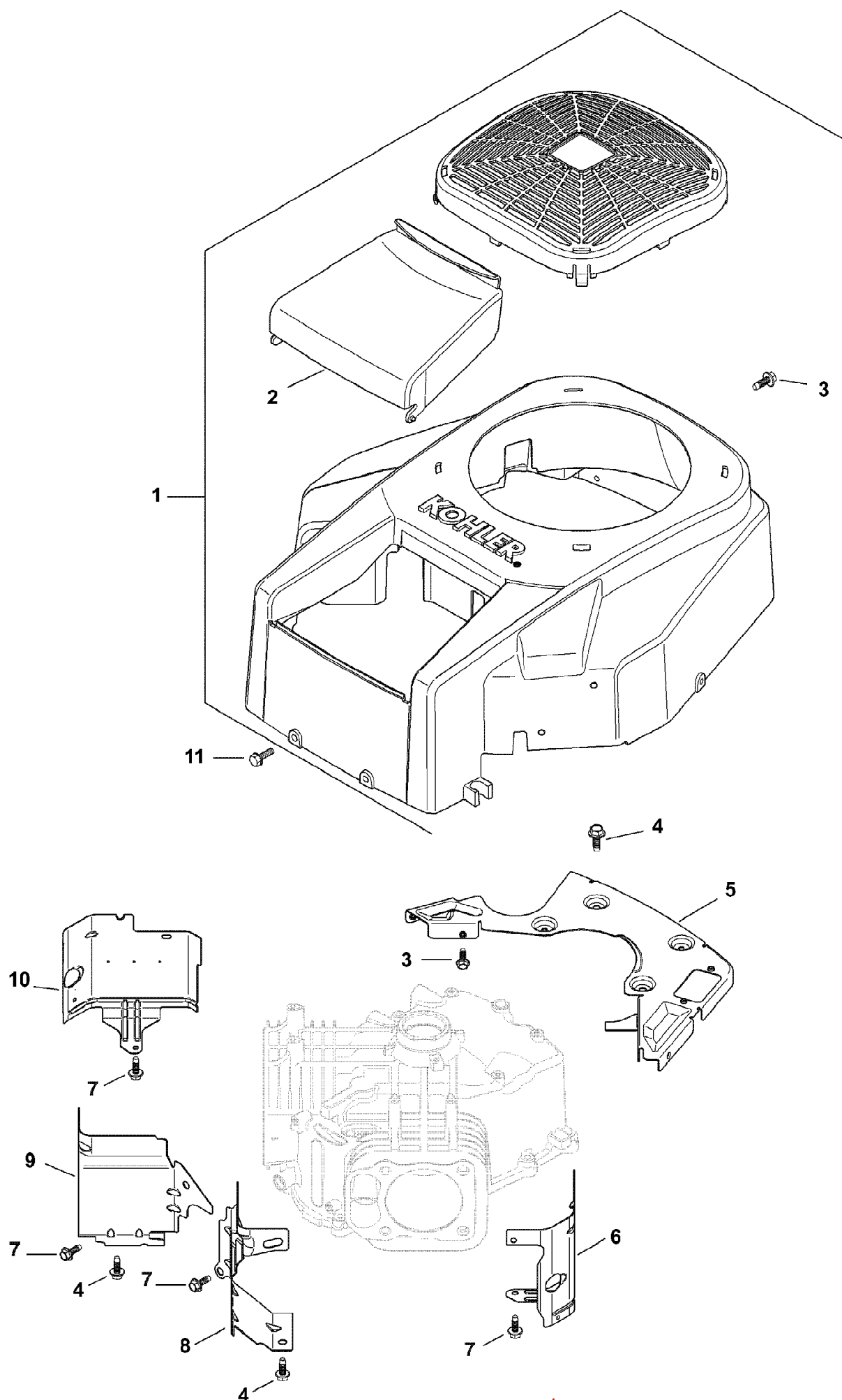
Z-Force 50 17AF3AGP
SV820 Air Intake & Filtration

Page 42 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	KH-24-164-51-S	1	S	Manifold, Intake (Includes Ref No. 2 & 3)
2	KH-24-041-52-S	1	/P	Gasket, Carburetor
3	KH-24-153-27-S	1	/P	O-Ring, Intake Port
4	KH-32-094-04-S	1	/P	Kit, Air Cleaner Base (Includes Ref No. 5 & 6)
5	KH-24-041-14	1	/P	Gasket, Air Cleaner Base
6	KH-32-344-03-S	1		Latch, Air Cleaner Element
7	KH-32-083-06-S	1	/P	Element, Air Filter
8	KH-M-651040-S	4		Screw, FLG M6 x 1.0 x 40
9	KH-32-083-08-S	1	/P	Element, Pre-Cleaner

Z-Force 50 17AF3AGP
SV820 Blower Housing & Baffles

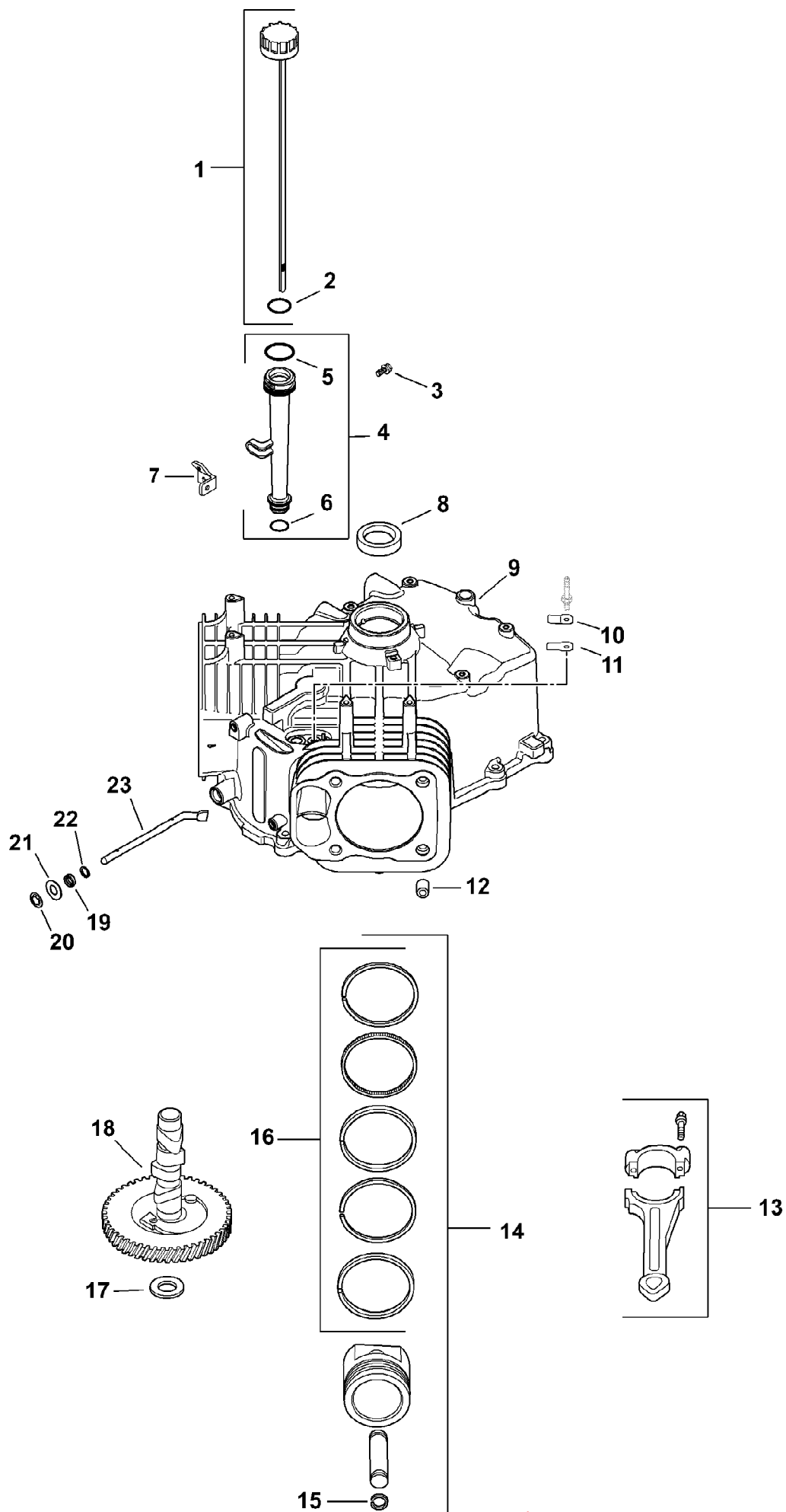
Page 43 of 74



Z-Force 50 17AF3AGP
SV820 Blower Housing & Baffles

Page 44 of 74

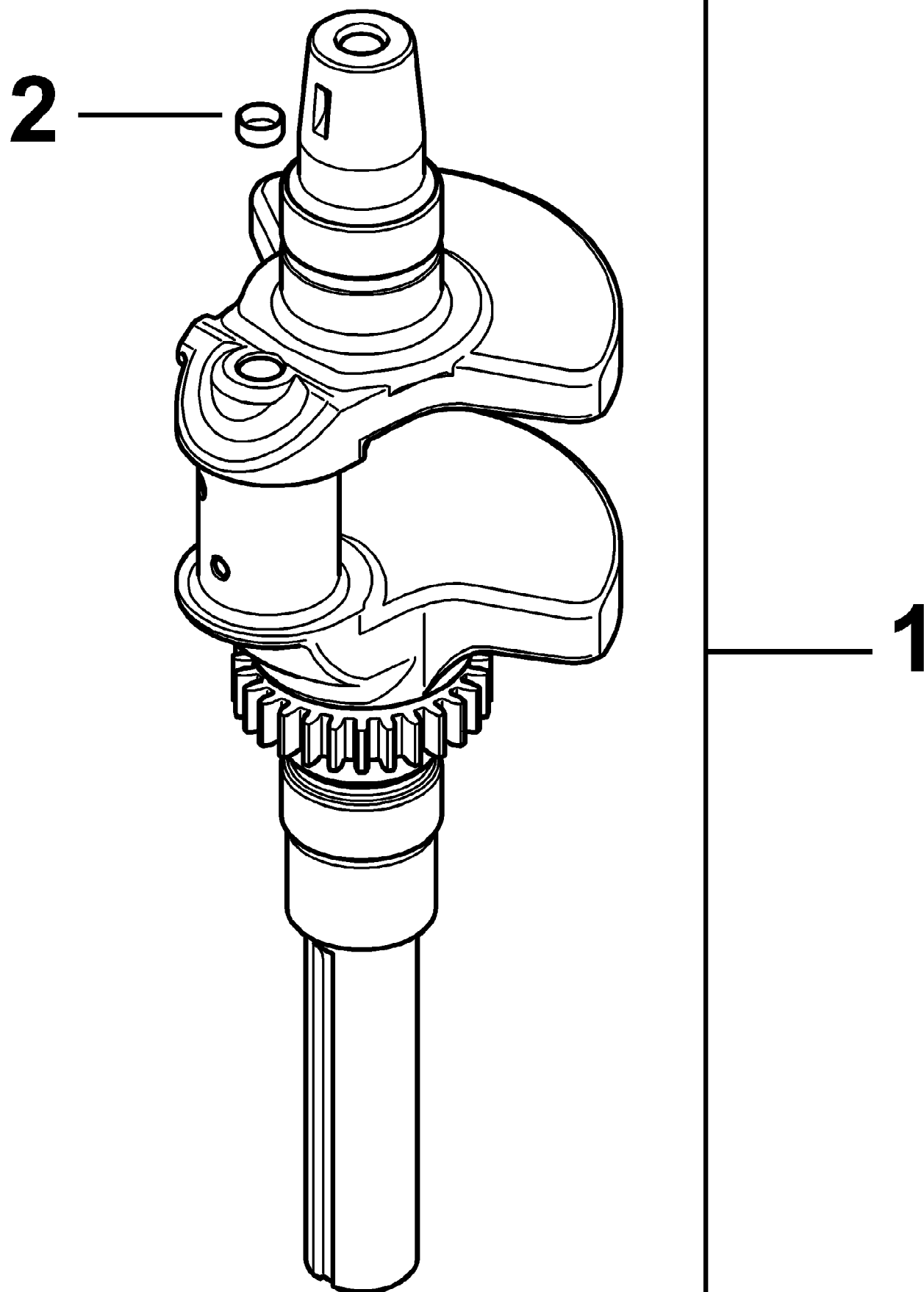
Ref #	Part Number	Qty	S/P/F	Description
1	KH-32-027-08-S	1	/P	Kit, Blower Housing-Fixed Guard (Includes 2 & KH-41 037 10-S)
2	KH-32-096-09-S	1		Cover, Air Cleaner (Black)
3	KH-M-545010	4	S	Screw, FLG THD FRM M5 x .8 x 10
4	KH-M-545016-S	8	/P	Screw, FLG THD FRM M5 x .8 x 16
5	KH-32-146-05-S	1		Kit, Backing Plate
6	KH-32-063-12-S	1		Baffle, Cyl Barrel-#2 Side
7	KH-M-645016-S	6	/P	Screw, FLG THD FRM M6 x 1.0 x 16
8	KH-32-063-02-S	1		Baffle, Valley #2 Side
9	KH-32-063-03-S	1		Baffle, Valley #1 Side
10	KH-32-063-10-S	1		Baffle, CYL Barrel - #1 Side
11	KH-24-086-12	2		Screw, Tap M6 x 1.7 x 18
	KH-32-113-11-S	1		Decal, Fixed Guard (Not shown)
	KH-41-037-10-S	1		Nameplate, Service (Not shown)



Z-Force 50 17AF3AGP
SV820 Crankcase

Page 46 of 74

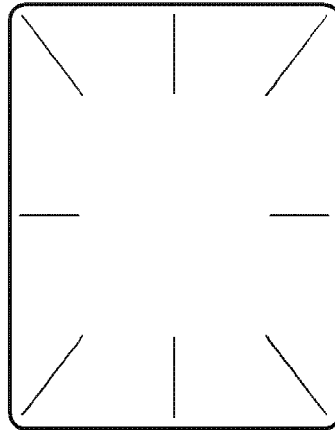
Ref #	Part Number	Qty	S/P/F	Description
1	KH-32-038-01-S	1	S	Dipstick, Assy (Cub Yellow) (Includes Ref No. 2)
2	KH-25-153-02-S	1		O-Ring, Dipstick
3	KH-M-545013-S	1		Screw, Flg Thd Frm M5x0.8x13
4	KH-12-123-04	1	S	Kit, Oil Fill Cap (Includes 5, 6)
5	KH-12-153-02-S	1	/P	O-Ring, Upper Oil Fill Tube
6	KH-12-153-01-S	1	/P	O-Ring, Lower Oil Fill Tube
7	KH-24-126-19	1		Bracket, Oil Fill Tube
8	KH-24-032-19-S	1	/P	Seal, Oil
9		1		Crankcase (use: Shortblock)
9	KH-32-522-03	1		Shortblock
10	KH-24-018-04-S	1		Retainer, Breather Reed
11	KH-12-402-02	1		Reed, Breather
12	KH-24-380-16-S	6	/P	Pin, Locating
13	KH-24-067-24-S	2	S	Connecting Rod (STD)
14	KH-24-874-38-S	2	S	Kit, Piston w/ Ring (STD) (Includes 15, 16)
14	KH-24-874-28-S	1	/P	Kit, Piston w/ Ring (.25)
14	KH-24-874-27-S	1	S	Kit, Piston w/ Ring (.08)
15	KH-24-018-01-S	4	/P	Retainer, Piston Pin
16	KH-24-108-14-S	2		Ring Set (STD & .08)
16	KH-24-108-16-S	1	/P	Ring Set (.25)
17	KH-12-422-07-S	1	/P	Shim, Camshaft (White .028) AR
17	KH-12-422-08-S	1	/P	Shim, Camshaft (Blue .03) AR
17	KH-12-422-09-S	1	/P	Shim, Camshaft (Red .032) AR
17	KH-12-422-10-S	1	/P	Shim, Camshaft (Yellow .034) AR
17	KH-12-422-11-S	1	/P	Shim, Camshaft (Green .036) AR
17	KH-12-422-12-S	1	/P	Shim, Camshaft (Gray .038) AR
17	KH-12-422-13-S	1	/P	Shim, Camshaft (Black .04) AR
18	KH-32-012-01-S	1		Kit, Camshaft (Includes Lubricant)
19	KH-28-032-09-S	1		Seal, Governor Cross Shaft
20	KH-24-018-09-S	1		Retainer Ring
21	KH-M-931010-S	1		Washer, Flat 9MM
22	KH-24-468-15-S	1		Washer, Flat 11/32"
23	KH-24-144-38-S	1	/P	Shaft, Governor Cross
	KH-25-357-14-S	1		Lubricant, Camshaft (not shown)



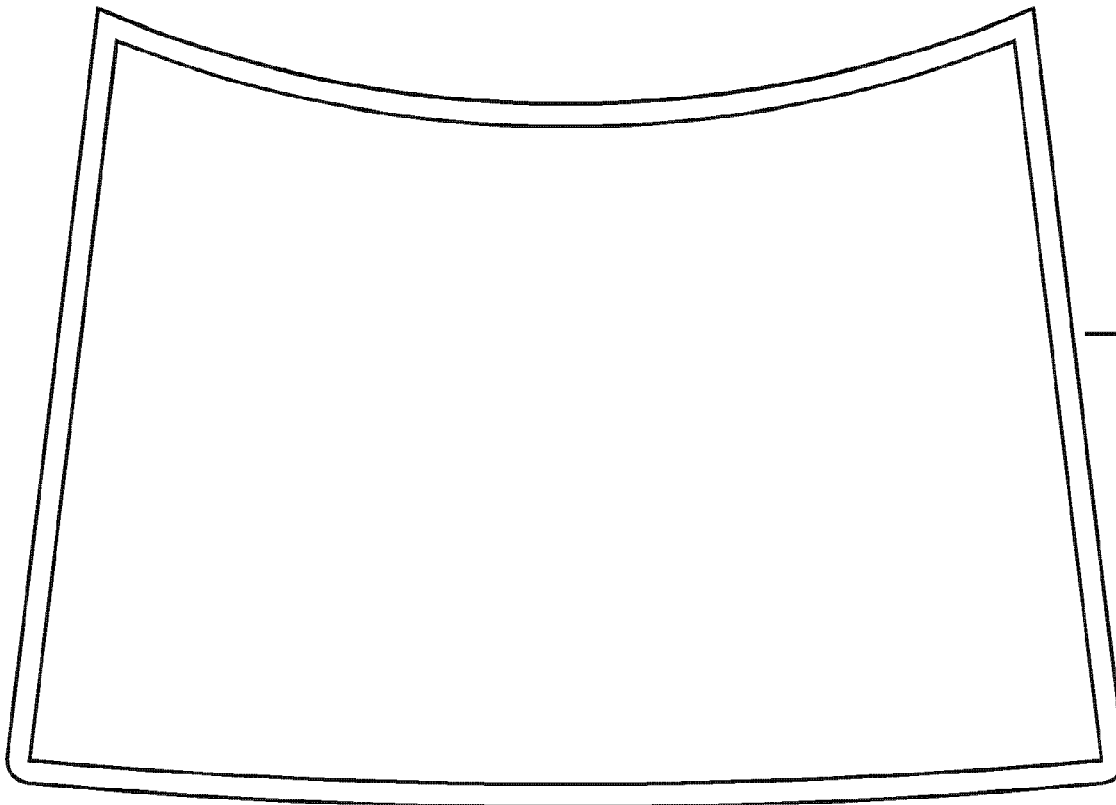
Z-Force 50 17AF3AGP
SV820 Crankshaft

Page 48 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	KH-32-014-04-S	1	S	Crankshaft (Includes Ref No. 2)
2	KH-52-139-09-S	1	/P	Plug, Cup



1



2

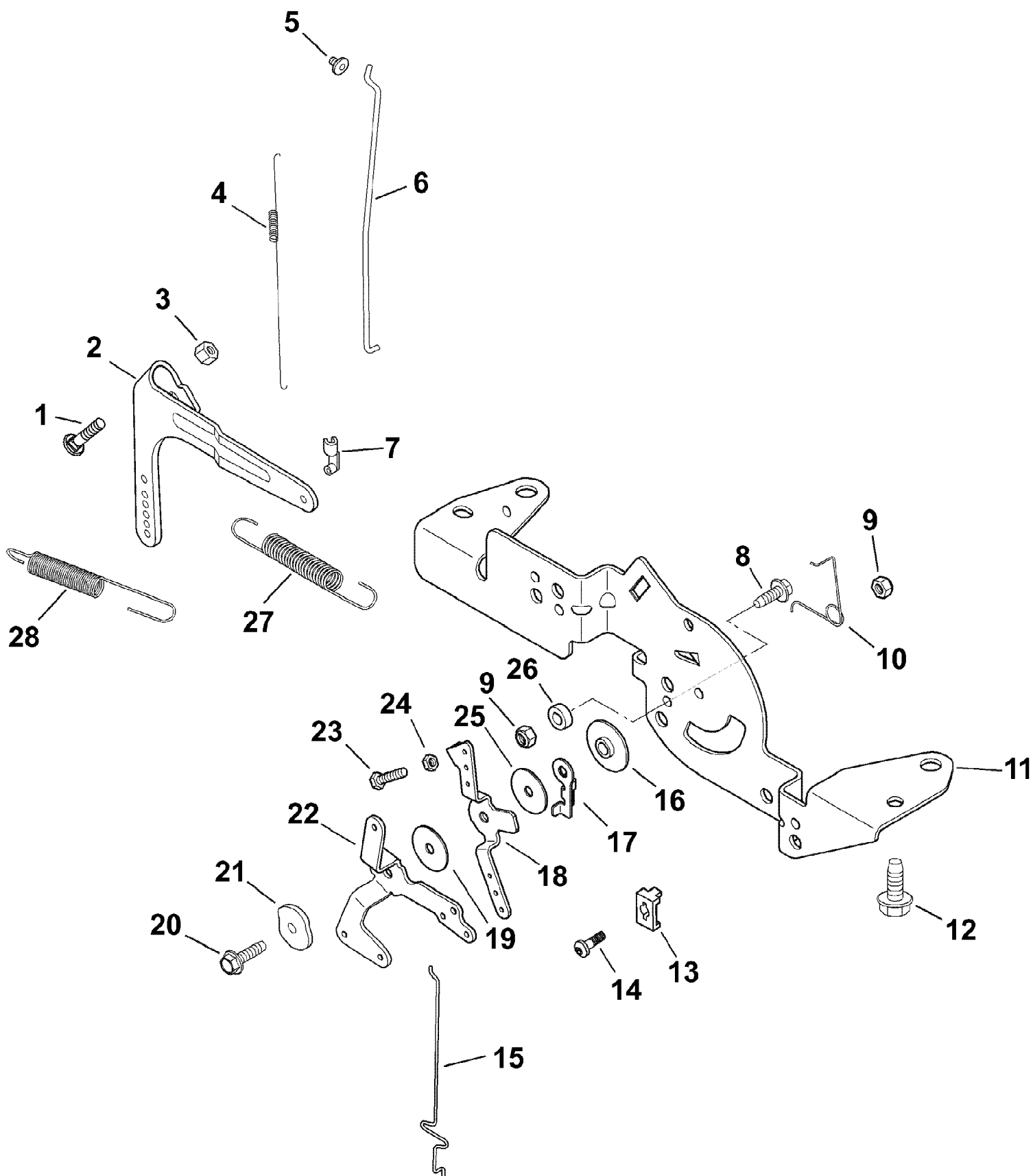
Z-Force 50 17AF3AGP
SV820 Decals

Page 50 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	KH-25-113-39-S	1		Decal, Clear Laminate
2	KH-32-113-36-S	1		Decal, 23HP

Z-Force 50 17AF3AGP
SV820 Engine Controls

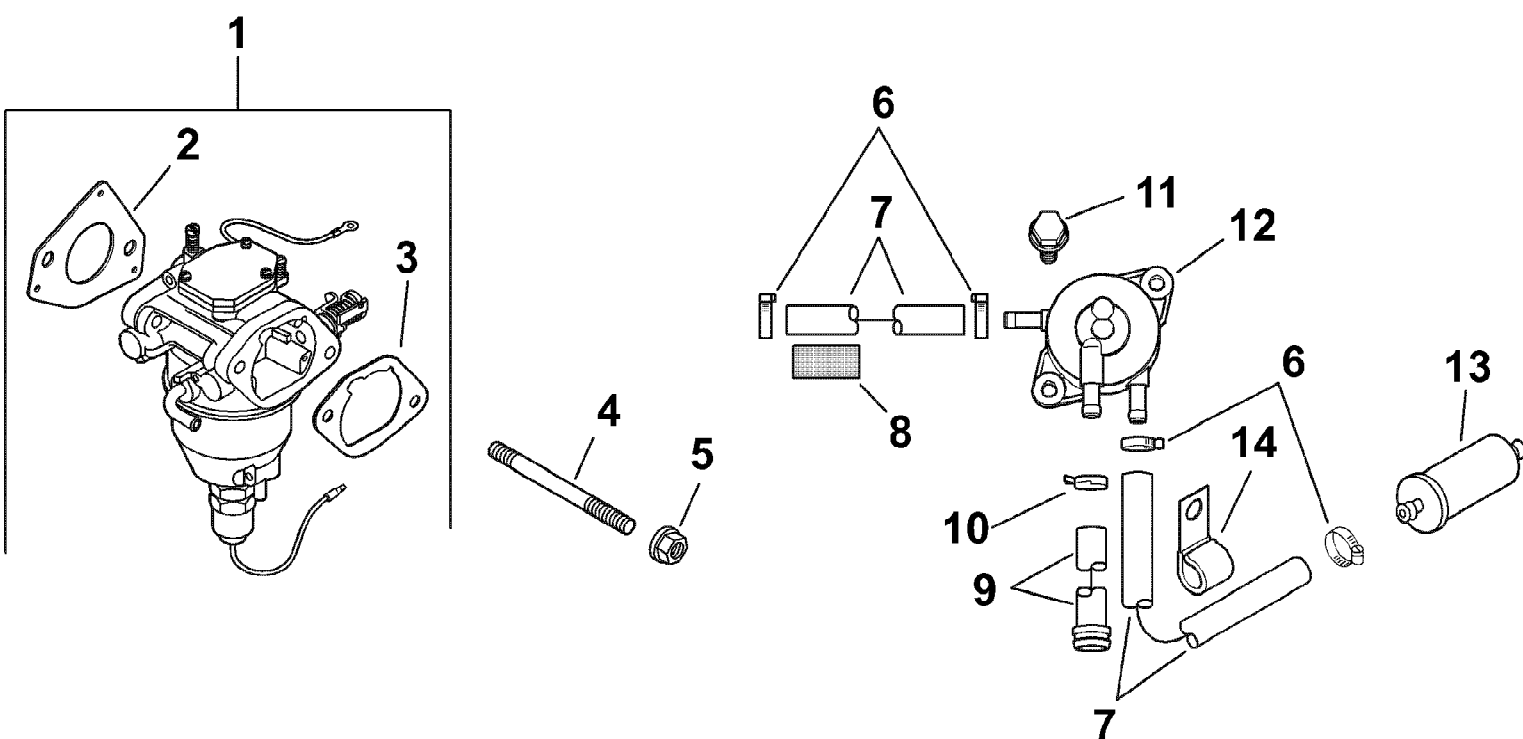
Page 51 of 74



Z-Force 50 17AF3AGP
SV820 Engine Controls

Page 52 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	KH-24-211-03-S	1		Bolt, RD HD SQ Neck M6 x 1.0 x 25
2	KH-24-090-51-S	1	/P	Lever, Governor
3	KH-M-641060-S	1	/P	Nut, FLG M6 x 1.0
4	KH-24-089-01	1		Spring, Linkage
5	KH-25-158-08	1	/P	Bushing, Linkage Retaining
6	KH-24-079-04	1		Linkage, Throttle
7	KH-25-158-11	1	/P	Bushing, Throttle Linkage
8	KH-M-545016-S	1	/P	Screw, FLG THD FRM M5 x 0.8 x 16
9	KH-M-547050-S	2		Nut, Lock M5 x 0.8
10	KH-24-089-03	1		Spring, Choke Return
11	KH-24-126-161-S	1	S	Bracket, Control
12	KH-M-645016-S	4	/P	Screw, FLG THD FRM M6 x 1.0 x16
13	KH-12-237-01	2		Clamo, Cable
14	KH-24-086-43-S	2		Screw, LBD THD FRM M5 x 0.8 x 16
15	KH-24-079-22-S	1		Linkage, Choke
16	KH-24-112-27-S	1		Spacer, Control Assembly
17	KH-24-090-47-S	1		Lever, Throttle Actuator
18	KH-24-090-13	1		Lever, Throttle Control
19	KH-24-468-01	1		Washer, Flat 5.5 MM
20	KH-M-545020-S	1		Screw, FLG THD FRM M5 x 0.8 x 20
21	KH-41-468-03	1		Washer, Spring 1/4"
22	KH-24-090-05	1		Lever, Choke
23	KH-M-403025	1		Screw, Slt Hd Cap M4 x 0.7 x 25
24	KH-M-446030-S	1	/P	Nut, M4 x 0.7
25	KH-24-468-20-S	1		Washer, Flat 5 MM
26	KH-24-089-55-S	1		Spring, Governor
27	KH-24-089-18	1	/P	Spring, Governor



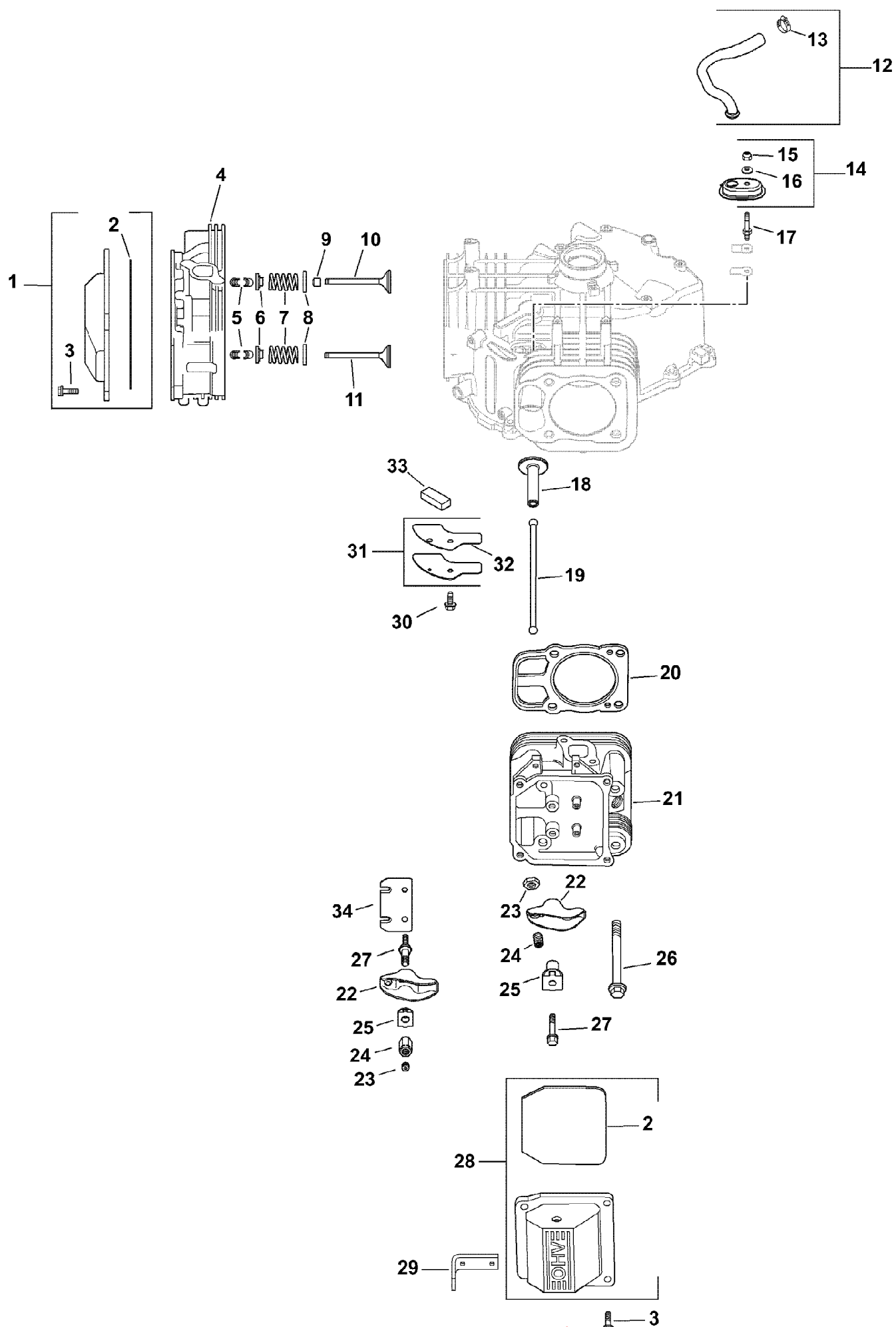
Z-Force 50 17AF3AGP
SV820 Fuel System

Page 54 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	KH-32-853-07-S	1	S	KIT, CARBURETOR W/GASKETS (Includes Ref. No. 2 & 3)
2	KH-24-041-52-S	1	/P	GASKET, CARBURETOR
3	KH-24-041-14	1	/P	GASKET, AIR CLEANER BASE
4	KH-M-629105-S	2		STUD, M6X1.0X106
5	KH-M-641060-S	2	/P	NUT, FLG M6X1.0
6	KH-25-237-14-S	2	/P	CLAMP, SPRING HOSE 1/2"
7	KH-25-111-34-S	1		LINE, FUEL (24"-CUT TO LENGTH)
8	KH-25-431-10-S	1		SLEEVE, ANTI ABRASION
9	KH-32-326-02-S	1	S	KIT, FUEL PUMP HOSE W/CLAMP (Includes Ref. No 10)
10	KH-25-237-01-S	1		CLAMP, HOSE
11	KH-24-086-12	2		SCREW, TAP M6X1.7X18
12	KH-24-393-16	1	/P	PUMP, FUEL
13	KH-24-050-13-S	1	/P	FILTER, FUEL
14	KH-47-154-01-S	1	/P	CLIP, CABLE

Z-Force 50 17AF3AGP
SV820 Head Valve Breather

Page 55 of 74



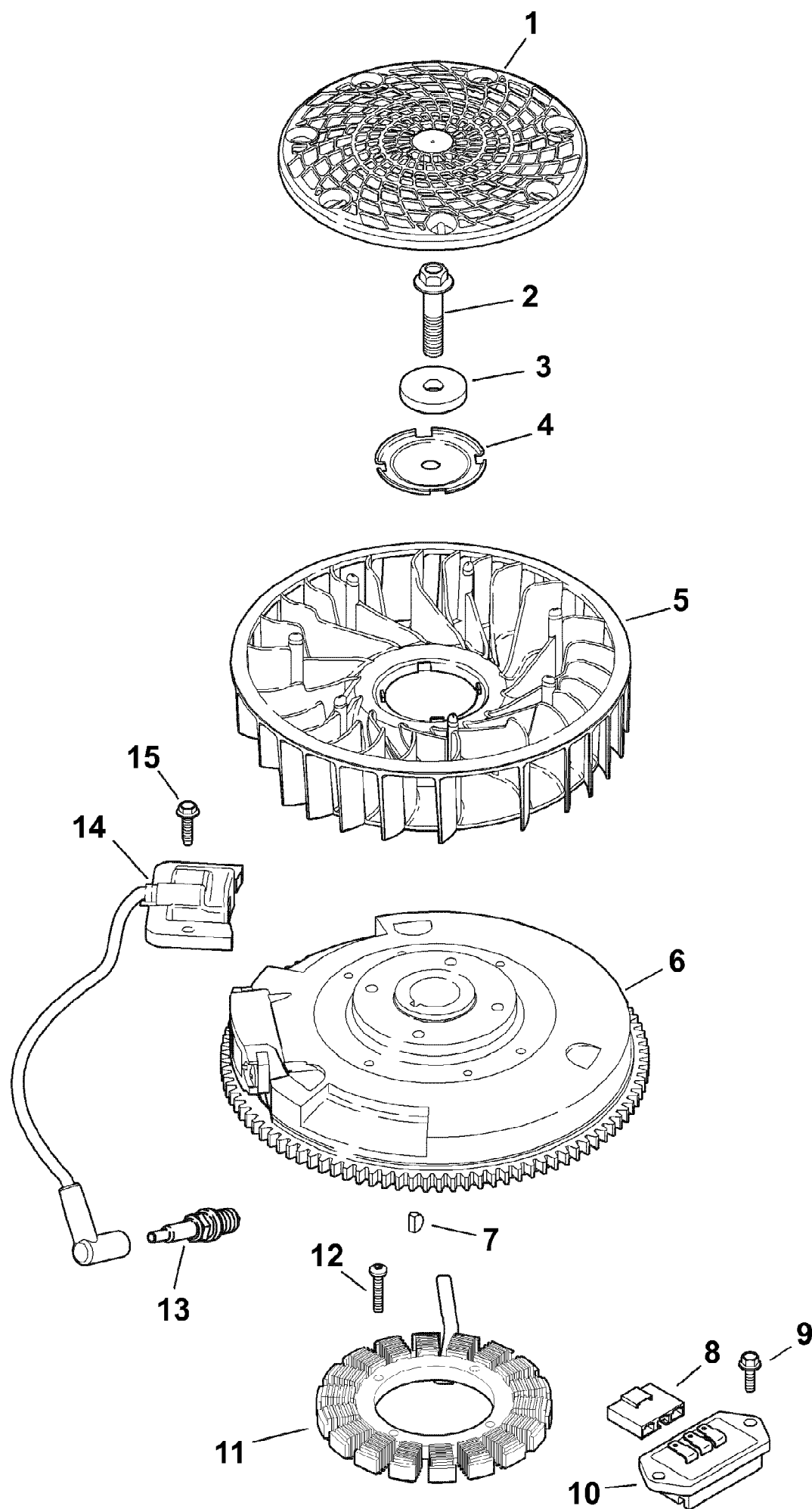
Z-Force 50 17AF3AGP
SV820 Head Valve Breather

Page 56 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	KH-24-755-141-S	1	/P	KIT, PLAIN ROCKER COVER (Includes Ref No. 2[Qty 1], 3[Qty 4])
2	KH-24-153-30-S	2	/P	O-RING, VALVE COVER
3	KH-M-651030-S	8		SCREW, FLG M6X1.0X30
4	KH-32-318-05-S	1	S	KIT, #1 CYLINDER HEAD ASSY (Includes Ref No. 26[Qty 4] & 24 841 03-S)
5	KH-12-755-03	4	/P	KIT, RETAINER
6	KH-12-173-01	4	/P	CAP, VALVE SPRING
7	KH-24-089-02	4	/P	SPRING, VALVE
8	KH-235011-S	4	/P	RETAINER, SPRING
9	KH-66-032-05-S	2	/P	SEAL, VALVE STEM
10	KH-24-017-01	2	/P	VALVE, INTAKE (STD)
11	KH-24-016-01	2	/P	VALVE, EXHAUST (STD)
12	KH-32-326-06-S	1		KIT, BREATHER HOSE (Includes Ref No. 13[Qty 1])
13	KH-25-237-14-S	5	/P	CLAMP, HOSE
14	KH-32-081-02-S	1		KIT, BREATHER HOUSING (Includes Ref No. 15,16)
15	KH-M-547050-S	1		NUT, LOCK M5X0.8
16	KH-32-468-01-S	1		WASHER, SEALING
17	KH-32-072-03-S	1		STUD, BREATHER COVER
18	KH-32-019-01-S	4	S	KIT,TAPPET
19	KH-32-411-04-S	4	/P	ROD, PUSH
20	KH-24-841-03-S	2	/P	KIT, CYLINDER HEAD GASKET (Includes Head Mounting Hardware & KH-24 041 49-S, KH-24 153 27-S)
21	KH-32-318-06-S	1	S	KIT, #2 CYLINDER HEAD ASSY (Includes Ref No. 26[Qty 4] & 24 841 03-S)
22	KH-32-186-03-S	4		ARM, ROCKER
23	KH-25-100-33-S	4		NUT, M10X0.75
24	KH-25-086-128-S	4	S	SCREW, SET
25	KH-25-599-01-S	4		PIVOT, ROCKER ARM
26	KH-12-086-16	8	S	SCREW, FLG M10X1.5X90
27	KH-32-072-04-S	4		STUD, ROCKER
28	KH-32-096-06-S	1		KIT, BREATHER VALVE COVER (Includes Ref No. 2[Qty 1])
29	KH-25-445-01-S	1	/P	STRAP, LIFTING
30	KH-M-645016-S	1	/P	SCREW, FLG THD FRM M6X1.0X16
31	KH-32-096-04-S	1		KIT, BREATHER COVER (Includes Ref No. 32)
32	KH-32-041-01-S	1		GASKET, BREATHER COVER
33	KH-32-050-01-S	1		FILTER, BREATHER
34	KH-32-146-08-S	2		PLATE, GUIDE
	KH-24-041-49-S	1	/P	GASKET, EXHAUST
	KH-24-153-27-S	1	/P	O-RING, INTAKE PORT
	KH-32-755-03-S	2		KIT, CYLINDER HEAD HARDWARE (Not Shown)(Services 1 Head. Qtys Listed are for both heads)(Includes Ref No. 5-11, 19, 22, 25, 34)

Z-Force 50 17AF3AGP
SV820 Ignition & Electrical

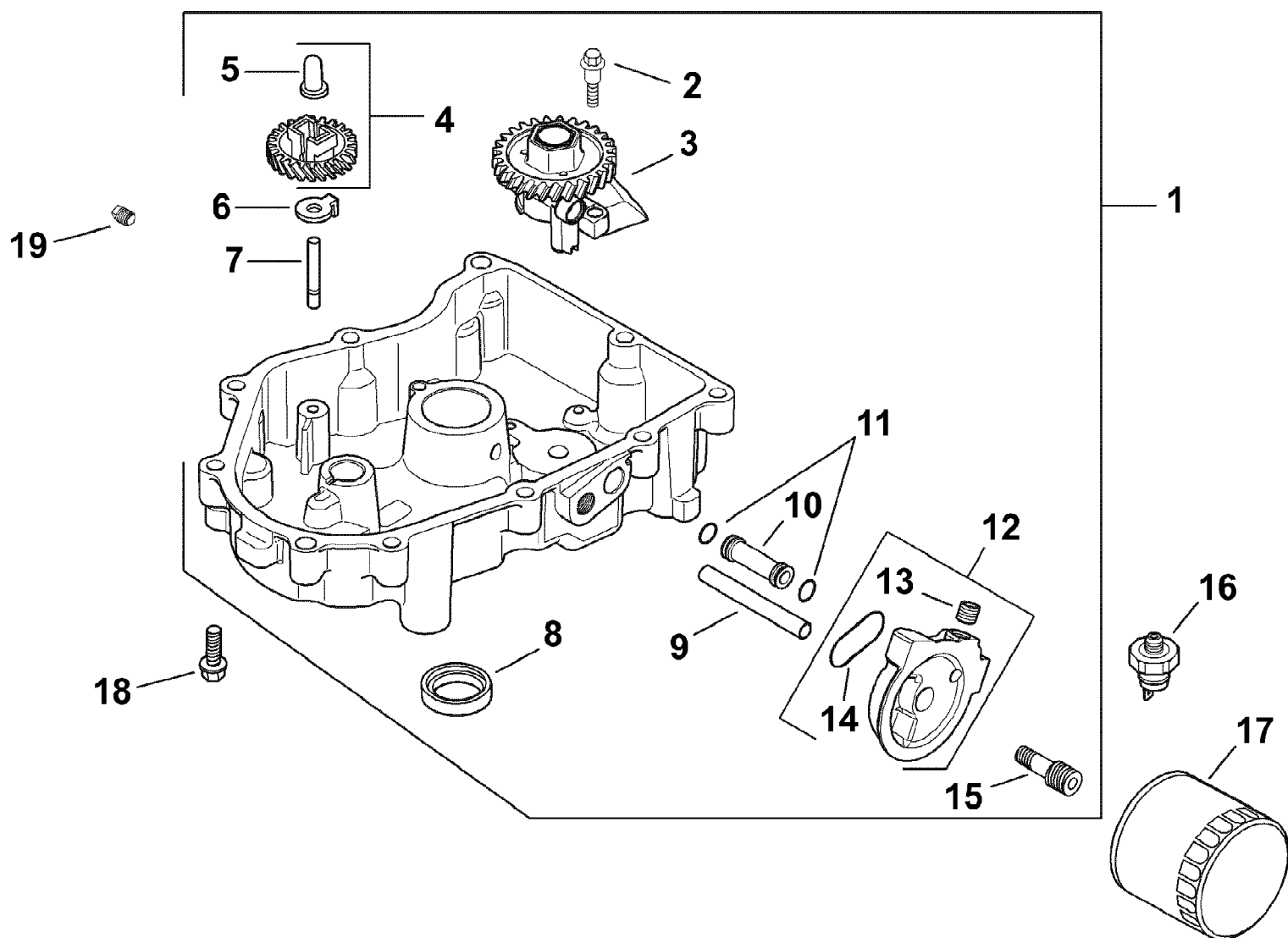
Page 57 of 74



Z-Force 50 17AF3AGP
SV820 Ignition & Electrical

Page 58 of 74

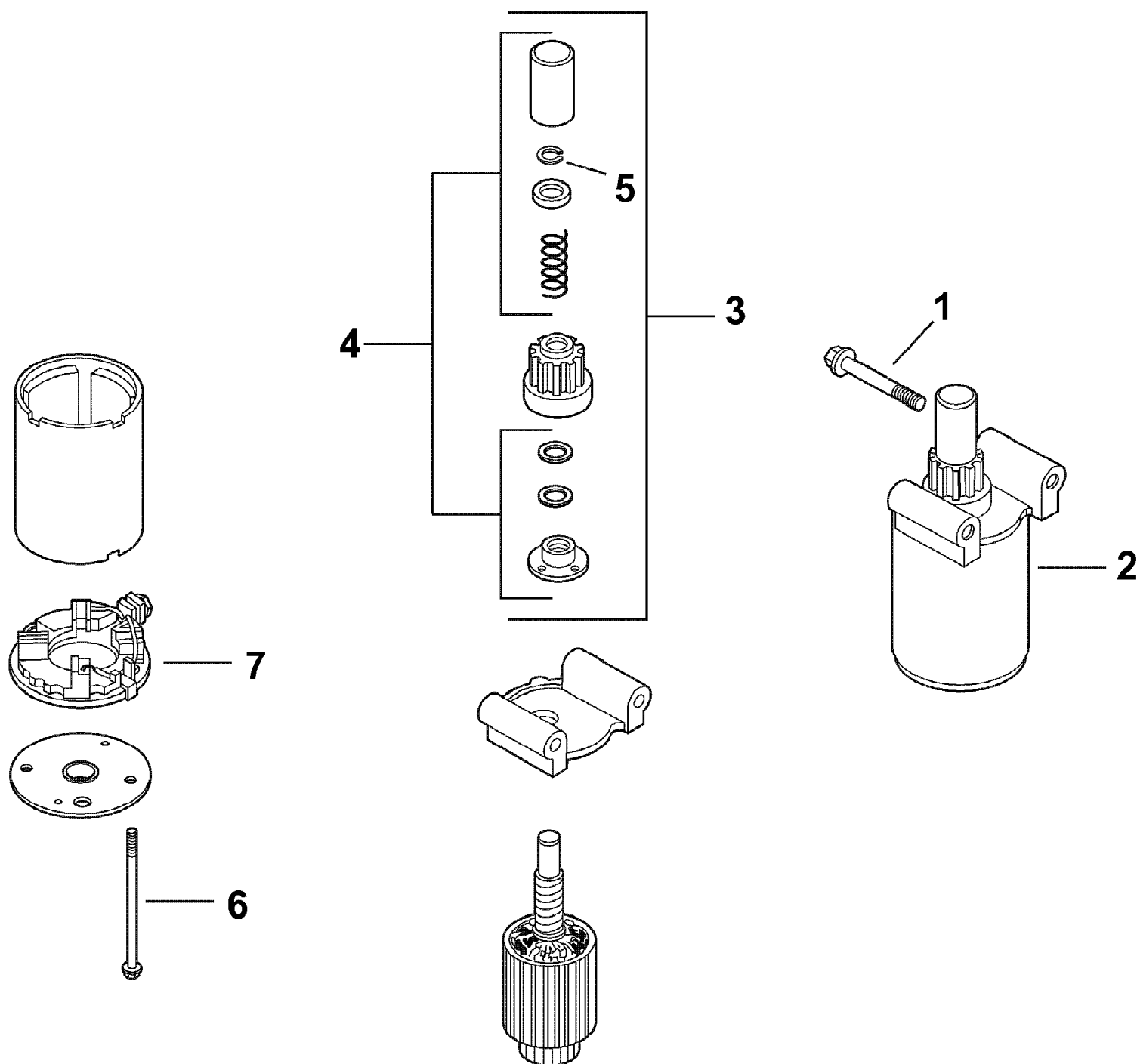
Ref #	Part Number	Qty	S/P/F	Description
1	KH-32-162-03-S	1		Screen, Grass
2	KH-12-086-14	1		Screw, FLG M10X1.5X45
3	KH-12-468-03	1	/P	Washer, Flat 13/32"
4	KH-20-146-05-S	1	/P	Plate, Fan Mounting
5	KH-32-157-01-S	1		Fan
6	KH-32-025-16-S	1	/P	Flywheel
7	KH-X-42-15	1	/P	Key, 3/16" x 5/8"
8	KH-236602-S	1	S	Connector (3 Contact)
9	KH-M-545016-S	2	/P	Screw, Hvy Flg M5 x 0.8 x 16
10	KH-41-403-10-S	1	/P	Rectifier-Regulator
11	KH-237878	1	/P	Kit, 15 Amp Stator (Includes KH-25 452 01-S)
12	KH-20-086-22-S	2	S	Screw, TRX HD Drive Fastener
13	KH-25-132-12-S	2	/P	Plug, Spark
14	KH-24-584-45-S	2	/P	Module, Ignition (CDI Fixed)
15	KH-M-545020-S	4		Screw, FLG THD FRM M5 x 0.8 x 20
	KH-25-454-03-S	2		Tie, Wire
	KH-32-176-16-S	1	S	Harness, Wiring
	KH-25-452-01-S	2		Terminal



Z-Force 50 17AF3AGP
SV820 Oil Pan & Lubrication

Page 60 of 74

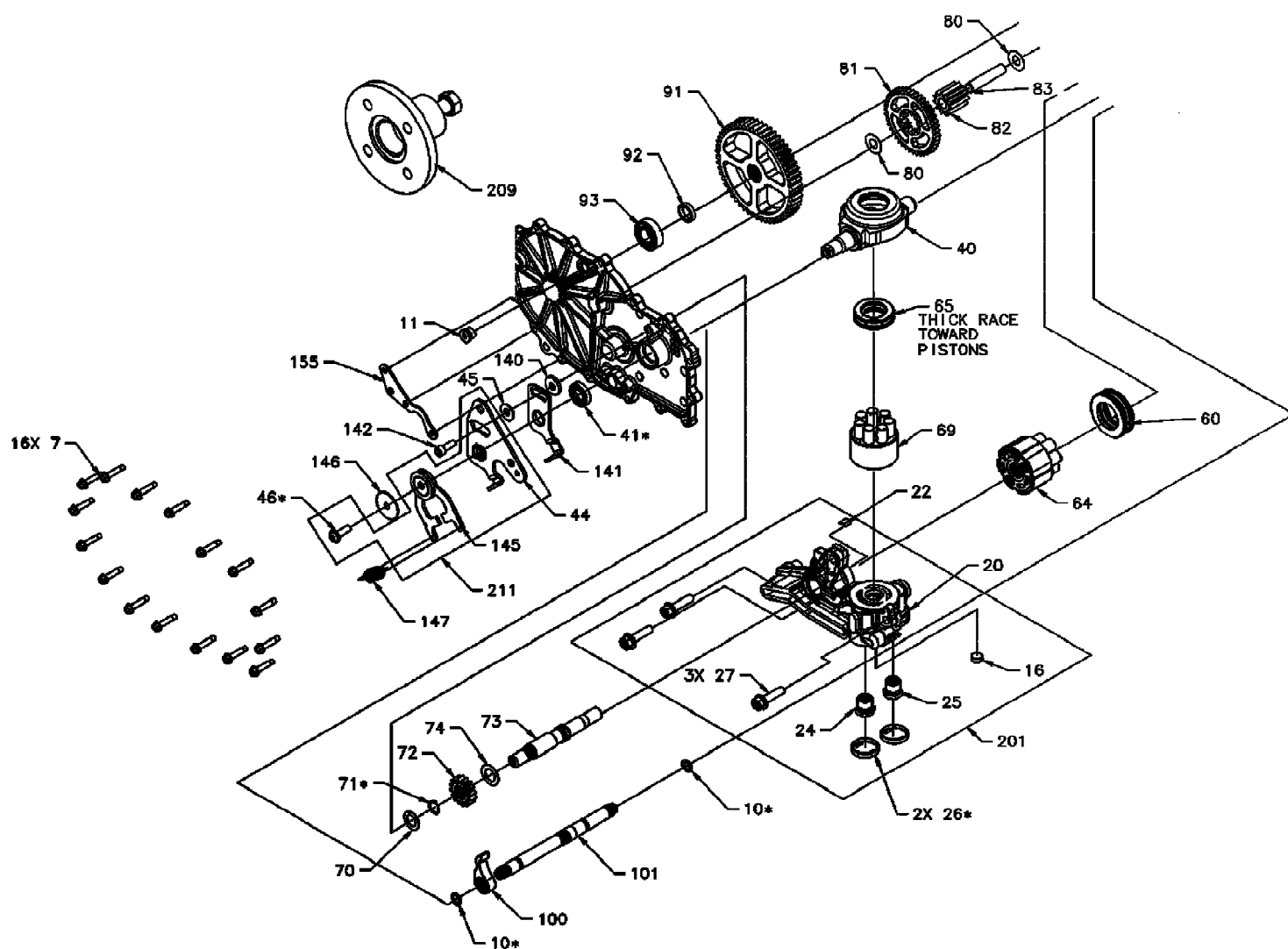
Ref #	Part Number	Qty	S/P/F	Description
1	KH-32-199-04-S	1	S	Pan, Oil Assembly (Includes Ref No. 2-16)
2	KH-32-086-01-S	2		Screw, SHD THD FRM M6 x 1.0 x 26.5
3	KH-32-393-10-S	1	/P	Pump Assembly, Oil
4	KH-24-043-12	1	/P	Kit, Governor Gear w/ Pin (Includes Ref No. 5)
5	KH-12-380-01	1	/P	Pin, Governor Regulating
6	KH-24-448-02-S	1		Tab, Locking
7	KH-12-144-02	1		Shaft, Governor Gear
8	KH-25-032-06-S	1	/P	Seal, Oil
9	KH-32-123-01-S	1		Tube, Oil Feed-Filter to Pan
10	KH-32-123-03-S	1		Tube, Oil Feed-Pan to Filter
11	KH-24-153-01	2	/P	O-Ring, Oil Pick-Up
12	KH-32-029-16-S	1	/P	Kit, Adaptor Oil Filter (Includes Ref No. 13 & 14)
13	KH-25-139-60-S	1	/P	Plug, CTSK 1/8"
14	KH-32-153-04-S	1		O-Ring, Oil Filter Adaptor
15	KH-32-136-03-S	1		Nipple, Oil Filter
16	KH-25-099-27-S	1	/P	Switch, Oil Pressure
17	KH-25-050-34-S	1	/P	Filter, Oil
18	KH-24-086-17-S	10	/P	Screw, Flg M8 x 1.25 x 45
19	KH-25-139-57-S	1	/P	Plug, Sq Hd Pipe 3/8"



Z-Force 50 17AF3AGP
SV820 Starting System

Page 62 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	KH-M-839080	2	S	Screw, FLG M8 x 1.25 x 80
2	KH-32-098-01-S	1	S	Starter Assembly
3	KH-12-755-39-S	1		Kit, Drive
4	KH-12-755-38-S	1		Kit, Drive Parts (Includes Ref No. 5)
5	KH-32-141-01-S	1		Ring, Retaining
6	KH-32-211-01-S	2		Bolt, Thru
7	KH-12-243-04-S	1		Commutator, End Cap



Z-Force 50 17AF3AGP
Transmission LH-1

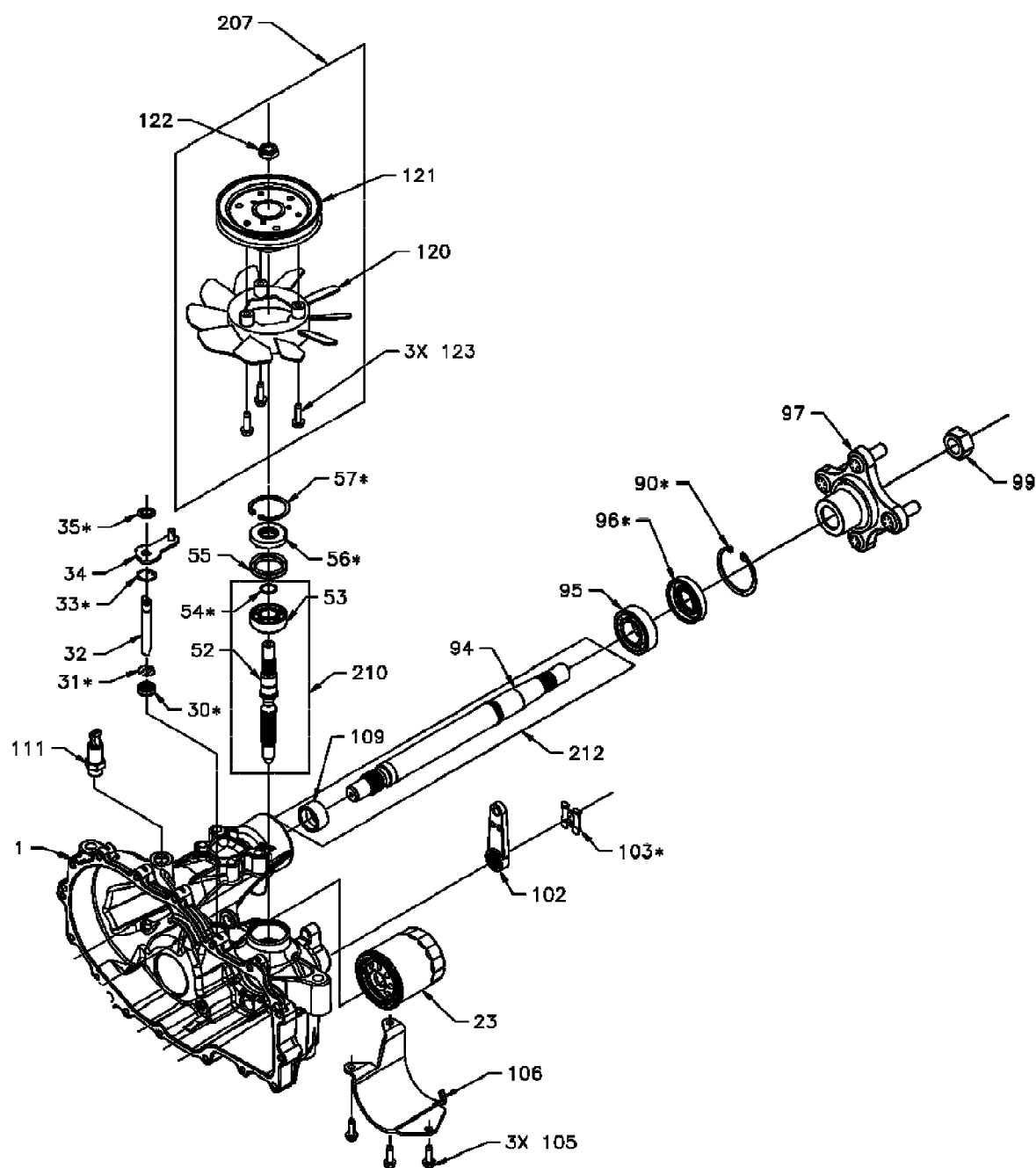
Page 64 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	HG-71424	1		Kit, Housing, Main, LH includes: Housing, Main; LH, Bushing .624x.719x.562; BRG, JRNL .86x.98x.79; Pin .25x.375
2	HG-71573	1		Kit, Cover, Side, LH, CNTL includes: Cover, Side, LH, CNTL; Bushing .624x.719x.562; BRG, JNL .86x.98x.79
7	HG-51190	16	/P	HFHCS 1/4-20x1.25
10	HG-51804	2		D-Ring - 111 .103x.424
11	HG-9005110-5600	1	/P	Plug 9/16-18 (Metal)
13	HG-50928	1	/P	Sealant 10.1 OZ
14	737-3120	1	/P	FLUID-DRIVE SYSTEM, quart 70.3 OZ
16		1		Plug, Rubber
20		1		Center Section, LH
22	HG-51448	1		Plate, Bypass
23	HG-52114	1	/P	Filter, Oil
24		1		Shock Valve
25		1		Shock Valve
26	HG-52162	2		Seal, Plug 1.250x.250
27	HG-52137	3		HFHCS 3/8-16x1.5 (Patch)
30	HG-51626	1		Seal, Lip .375x.75x.25
31	HG-51628	1	/P	Ring, Ret .375 External
32	HG-52136	1		Rod, Bypass
33	HG-51627	1		Ring, Ret .750 Internal
34	HG-52370	1		Arm, Bypass
35	HG-51630	1	/P	Ring, Rtnng .375 EXT
40	HG-51048	1	/P	Trunnion, Swashplate
41	HG-51140	1	/P	Seal, Lip 18x32x7
44		1		Arm, Control RH
45	HG-44130	1	S	Washer .34x.88x.06
46	HG-51812	1	/P	TWHCS 5/16-24x1.00 (Patch)
52	HG-51062	1	/P	Shaft, Input
53	HG-50315	1		BRG, Ball 17x40x12 Open 6203
54	HG-2000022	1	/P	Ring, Ret Wire .561 ID
55	HG-50951	1	/P	Washer 1.23x1.56x.04
56	HG-51161	1	/P	Seal, Lip 17x40x7
57	HG-50329	1	/P	Ring, Ret 2.06 INT
60	HG-51462	1		Bearing, Thrust
64	HG-71579	1		Ass'y, Cylinder Block, 16cc
65	HG-50551	1	S	BRG, Thrust Ball 30x52x13
69	HG-70723	1	/P	Ass'y, Block 7 Piston
70	HG-44371	1	/P	Washer .63x1.0x.05
71	HG-44145	1		Ring, Ret 62 EXT
72	HG-52149	1		Gear, 16T
73	HG-52150	1		Shaft, Motor
74	HG-51069	1		Washer .72x1.16x.04
80	HG-50132	2	/P	Washer .5x1.0x.03
81	HG-52148	1		Gear 43T
82	HG-52583	1		Gear 11T
83	HG-51083	1		Jack Shaft (Pin)
90	HG-50859	1		Ring, Ret 2.06 INT
91	HG-52108	1		Gear 54T
92	HG-52161	1		Spacer, .750x1.000x.257

Z-Force 50 17AF3AGP
Transmission LH-1

Page 65 of 74

Ref #	Part Number	Qty	S/P/F	Description
93	HG-44121	1	S	Bearing, Ball, .75x40x12
94		1		Shaft, Axle
95	HG-50771	1	/P	BRG, Ball 1.0x52x15 Open 6205M
96	HG-50772	1	/P	Seal, Lip 25x52x10 TC (Gray)
97	HG-71405	1	S	Kit, Hub, 4 Bolt
99	HG-50863	1	S	Nut, Hex Lock 3/4-16
100	HG-52766	1	/P	Pawl, Brake
101	HG-52640	1		Shaft, Brake
102	HG-52639	1	/P	Handle, Brake
103	HG-52027	1	/P	Clip, Retaining
105	HG-50752	3	/P	HFHCS 1/4-20x.75
106	HG-52247	1		Guard, Filter, LH
109		1		Spacer, .91x1.02x.625
111	HG-71393	1	/P	Fitting, DSTR 9/16-18 SAE .5 Barb
120	HG-52735	1	/P	Fan 7", 10 Blade
121	HG-50302	1	/P	Pulley 4.5 Inch
122	HG-51244	1	S	Nut, Hex Locking 1/2-20 Nylon
123	HG-51076	3		HFHCS 1/4-20x.875
130		2		Tube, Connecting
132		1		O-Ring -137, 0.103x2.050
140	HG-52527	1		Spacer, .320x1.5x.062
141	HG-51945	1		Arm, Neutral Right
142	HG-51616	1	S	SHCS 5/16-24x1 Patch
145		1		Assembly, RTN
146	HG-51950	1		Washer, .343x1.5x.062
147	HG-52401	1	/P	Spring, Extension .57x2
155	HG-53046	1		Bracket, Damper
200	HG-71410	1	/P	Kit, Seal includes: 010, 026, 030, 031, 033, 035, 041, 046, 054, 056, 057, 071, 090, 096, 103, 130, 132
201	HG-71581	1		Kit, Center Section, LH includes: 016, 020, 022, 024, 025, 026, 027
207	HG-71699	1		Kit, Fan/Pulley includes: 120, 121, 122, 123
209	HG-71241	1	/P	Hub Puller, 4-Bolt
210	HG-71443	1		Kit, Input Shaft includes: 052, 053, 054
211	HG-71588	1		Kit, RTN, Bidirectional includes: 044, 046, 145
212	HG-71569	1	/P	Kit, Axle Shaft includes: 094, 109



Z-Force 50 17AF3AGP
Transmission LH-2

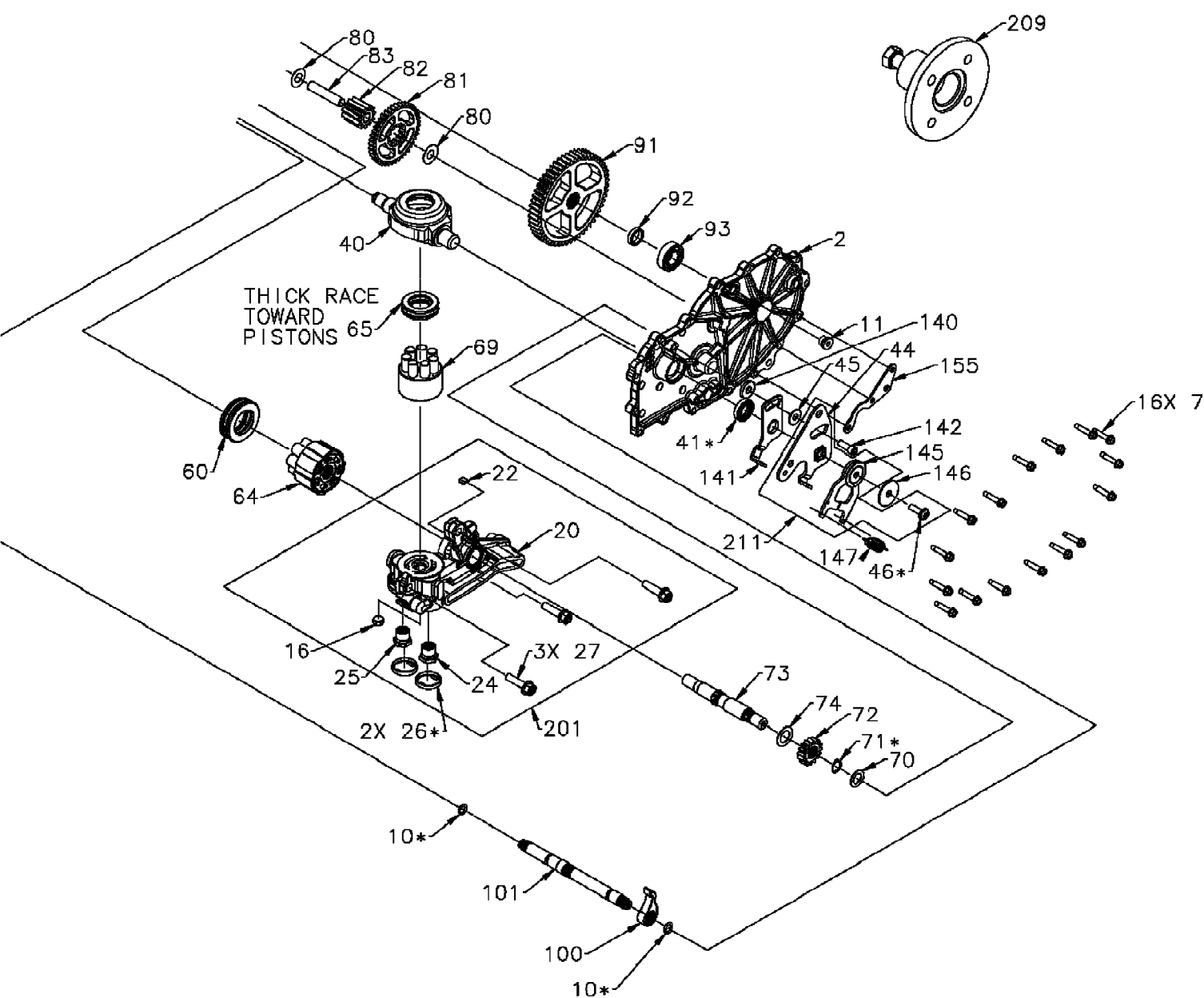
Page 67 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	HG-71424	1		Kit, Housing, Main, LH includes: Housing, Main; LH, Bushing .624x.719x.562; BRG, JRNL .86x.98x.79; Pin .25x.375
2	HG-71573	1		Kit, Cover, Side, LH, CNTL includes: Cover, Side, LH, CNTL; Bushing .624x.719x.562; BRG, JNL .86x.98x.79
7	HG-51190	16	/P	HFHCS 1/4-20x1.25
10	HG-51804	2		D-Ring - 111 .103x.424
11	HG-9005110-5600	1	/P	Plug 9/16-18 (Metal)
13	HG-50928	1	/P	Sealant 10.1 OZ
14	737-3120	1	/P	FLUID-DRIVE SYSTEM, quart 70.3 OZ
16		1		Plug, Rubber
20		1		Center Section, LH
22	HG-51448	1		Plate, Bypass
23	HG-52114	1	/P	Filter, Oil
24		1		Shock Valve
25		1		Shock Valve
26	HG-52162	2		Seal, Plug 1.250x.250
27	HG-52137	3		HFHCS 3/8-16x1.5 (Patch)
30	HG-51626	1		Seal, Lip .375x.75x.25
31	HG-51628	1	/P	Ring, Ret .375 External
32	HG-52136	1		Rod, Bypass
33	HG-51627	1		Ring, Ret .750 Internal
34	HG-52370	1		Arm, Bypass
35	HG-51630	1	/P	Ring, Rtnng .375 EXT
40	HG-51048	1	/P	Trunnion, Swashplate
41	HG-51140	1	/P	Seal, Lip 18x32x7
44		1		Arm, Control RH
45	HG-44130	1	S	Washer .34x.88x.06
46	HG-51812	1	/P	TWHCS 5/16-24x1.00 (Patch)
52	HG-51062	1	/P	Shaft, Input
53	HG-50315	1		BRG, Ball 17x40x12 Open 6203
54	HG-2000022	1	/P	Ring, Ret Wire .561 ID
55	HG-50951	1	/P	Washer 1.23x1.56x.04
56	HG-51161	1	/P	Seal, Lip 17x40x7
57	HG-50329	1	/P	Ring, Ret 2.06 INT
60	HG-51462	1		Bearing, Thrust
64	HG-71579	1		Ass'y, Cylinder Block, 16cc
65	HG-50551	1	S	BRG, Thrust Ball 30x52x13
69	HG-70723	1	/P	Ass'y, Block 7 Piston
70	HG-44371	1	/P	Washer .63x1.0x.05
71	HG-44145	1		Ring, Ret 62 EXT
72	HG-52149	1		Gear, 16T
73	HG-52150	1		Shaft, Motor
74	HG-51069	1		Washer .72x1.16x.04
80	HG-50132	2	/P	Washer .5x1.0x.03
81	HG-52148	1		Gear 43T
82	HG-52583	1		Gear 11T
83	HG-51083	1		Jack Shaft (Pin)
90	HG-50859	1		Ring, Ret 2.06 INT
91	HG-52108	1		Gear 54T
92	HG-52161	1		Spacer, .750x1.000x.257

Z-Force 50 17AF3AGP
Transmission LH-2

Page 68 of 74

Ref #	Part Number	Qty	S/P/F	Description
93	HG-44121	1	S	Bearing, Ball, .75x40x12
94		1		Shaft, Axle
95	HG-50771	1	/P	BRG, Ball 1.0x52x15 Open 6205M
96	HG-50772	1	/P	Seal, Lip 25x52x10 TC (Gray)
97	HG-71405	1	S	Kit, Hub, 4 Bolt
99	HG-50863	1	S	Nut, Hex Lock 3/4-16
100	HG-52766	1	/P	Pawl, Brake
101	HG-52640	1		Shaft, Brake
102	HG-52639	1	/P	Handle, Brake
103	HG-52027	1	/P	Clip, Retaining
105	HG-50752	3	/P	HFHCS 1/4-20x.75
106	HG-52247	1		Guard, Filter, LH
109		1		Spacer, .91x1.02x.625
111	HG-71393	1	/P	Fitting, DSTR 9/16-18 SAE .5 Barb
120	HG-52735	1	/P	Fan 7", 10 Blade
121	HG-50302	1	/P	Pulley 4.5 Inch
122	HG-51244	1	S	Nut, Hex Locking 1/2-20 Nylon
123	HG-51076	3		HFHCS 1/4-20x.875
130		2		Tube, Connecting
132		1		O-Ring -137, 0.103x2.050
140	HG-52527	1		Spacer, .320x1.5x.062
141	HG-51945	1		Arm, Neutral Right
142	HG-51616	1	S	SHCS 5/16-24x1 Patch
145		1		Assembly, RTN
146	HG-51950	1		Washer, .343x1.5x.062
147	HG-52401	1	/P	Spring, Extension .57x2
155	HG-53046	1		Bracket, Damper
200	HG-71410	1	/P	Kit, Seal includes: 010, 026, 030, 031, 033, 035, 041, 046, 054, 056, 057, 071, 090, 096, 103, 130, 132
201	HG-71581	1		Kit, Center Section, LH includes: 016, 020, 022, 024, 025, 026, 027
207	HG-71699	1		Kit, Fan/Pulley includes: 120, 121, 122, 123
209	HG-71241	1	/P	Hub Puller, 4-Bolt
210	HG-71443	1		Kit, Input Shaft includes: 052, 053, 054
211	HG-71588	1		Kit, RTN, Bidirectional includes: 044, 046, 145
212	HG-71569	1	/P	Kit, Axle Shaft includes: 094, 109



Z-Force 50 17AF3AGP
Transmission RH-1

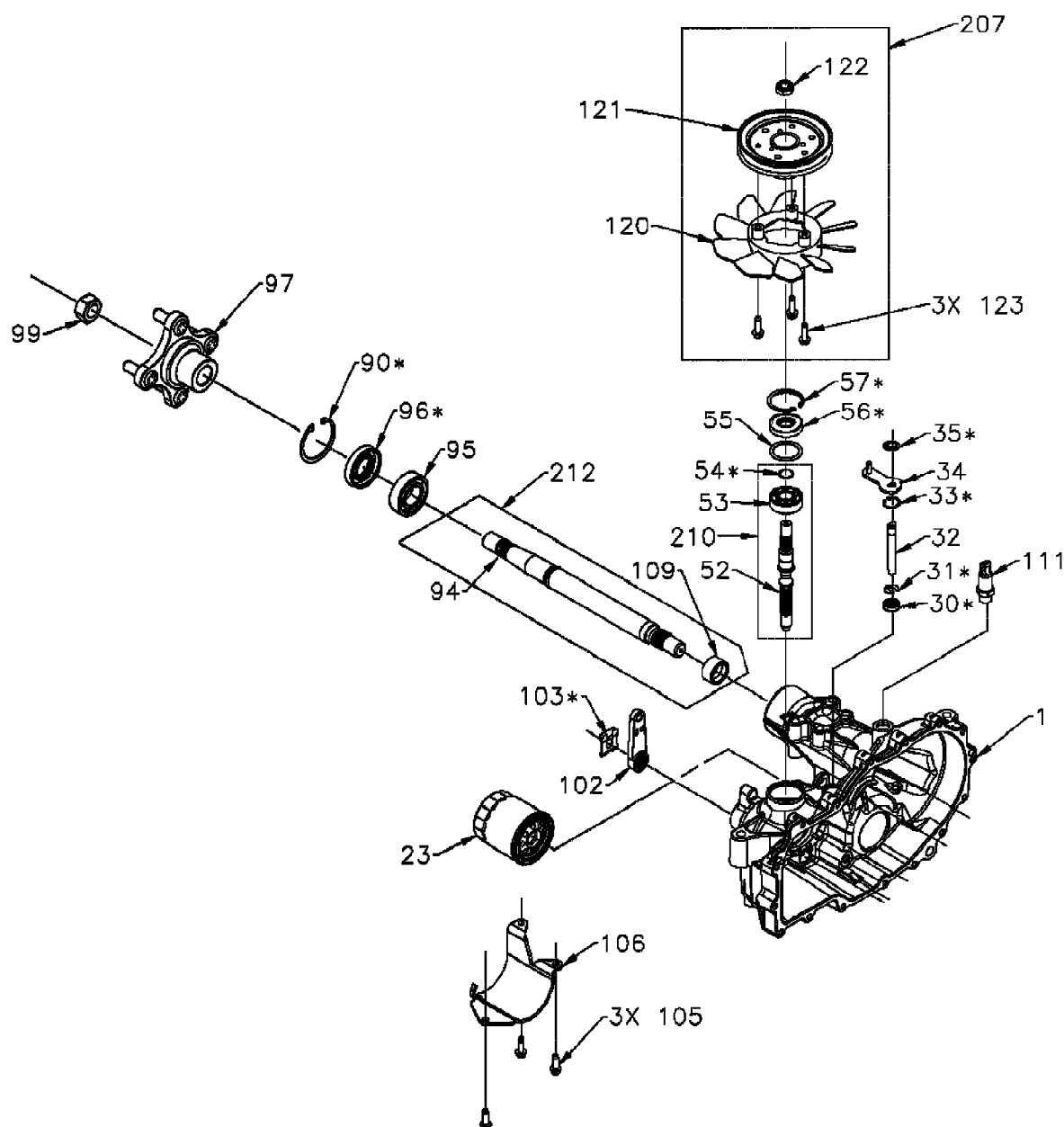
Page 70 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	HG-71414	1		Kit, Housing, Main, RH includes: Housing, Main, RH; Bushing .624x.719x.562; BRG, JRNL .86x.98x.79; Pin .25x.375
2	HG-71571	1		Kit, Cover, Side, RH, CNTL includes: Cover, Side, RH, CNTL; Bushing .624x.719x.562; BRG, JNL .86x.98x.79
7	HG-51190	16	/P	HFHCS 1/4-20x1.25
10	HG-51804	2		D-Ring - 111 .103x.424
11	HG-9005110-5600	1	/P	Plug 9/16-18 (Metal)
13	HG-50928	1	/P	Sealant 10.1 OZ
14	737-3120	1	/P	FLUID-DRIVE SYSTEM, quart 70.3 OZ
16		1		Plug Rubber
20		1		Center Section, RH
22	HG-51448	1		Plate, Bypass
23	HG-52114	1	/P	Filter, Oil
24		1		Shock Valve
25		1		Shock Valve
26	HG-52162	2		Seal, Plug 1.250x.250
27	HG-52137	3		HFHCS 3/8-16x1.5 (Patch)
30	HG-51626	1		Seal, Lip .375x.75x.25
31	HG-51628	1	/P	Ring, Ret .375 External
32	HG-52136	1		Rod, Bypass
33	HG-51627	1		Ring, Ret .750 Internal
34	HG-51910	1		Arm, Bypass
35	HG-51630	1	/P	Ring, Rtnng .375 EXT
40	HG-51048	1	/P	Trunnion, Swashplate
41	HG-51140	1	/P	Seal, Lip 18x32x7
44		1		Arm, Control LH
45	HG-44130	1	S	Washer .34x.88x.06
46	HG-51812	1	/P	TWHCS 5/16-24x1.00 (Patch)
52	HG-51062	1	/P	Shaft, Input
53	HG-50315	1		BRG, Ball 17x40x12 Open 6203
54	HG-2000022	1	/P	Ring, Ret Wire .561 ID
55	HG-50951	1	/P	Washer 1.23x1.56x.04
56	HG-51161	1	/P	Seal, Lip 17x40x7
57	HG-50329	1	/P	Ring, Ret 2.06 INT
60	HG-51462	1		Bearing, Thrust
64	HG-71579	1		Ass'y, Cylinder Block, 16cc
65	HG-50551	1	S	BRG, Thrust Ball 30x52x13
69	HG-70723	1	/P	Ass'y, Block 7 Piston
70	HG-44371	1	/P	Washer .63x1.0x.05
71	HG-44145	1		Ring, Ret 62 EXT
72	HG-52149	1		Gear, 16T
73	HG-52150	1		Shaft, Motor
74	HG-51069	1		Washer .72x1.16x.04
80	HG-50132	2	/P	Washer .5x1.0x.03
81	HG-52148	1		Gear 43T
82	HG-52583	1		Gear 11T
83	HG-51083	1		Jack Shaft (Pin)
90	HG-50859	1		Ring, Ret 2.06 INT
91	HG-52108	1		Gear 54T
92	HG-52161	1		Spacer, .750x1.000x.257

Z-Force 50 17AF3AGP
Transmission RH-1

Page 71 of 74

Ref #	Part Number	Qty	S/P/F	Description
93	HG-44121	1	S	Bearing, Ball, .75x40x12
94		1		Shaft, Axle
95	HG-50771	1	/P	BRG, Ball 1.0x52x15 Open 6205M
96	HG-50772	1	/P	Seal, Lip 25x52x10 TC (Gray)
97	HG-71405	1	S	Kit, Hub, 4 Bolt
99	HG-50863	1	S	Nut, Hex Lock 3/4-16
100	HG-52766	1	/P	Pawl, Brake
101	HG-52640	1		Shaft, Brake
102	HG-52639	1	/P	Handle, Brake
103	HG-52027	1	/P	Clip, Retaining
105	HG-50752	3	/P	HFHCS 1/4-20x.75
106	HG-52257	1		Guard, Filter, RH
109		1		Spacer, .91x1.02x.625
111	HG-71393	1	/P	Fitting, DSTR 9/16-18 SAE .5 Barb
120	HG-52735	1	/P	Fan 7", 10 Blade
121	HG-50302	1	/P	Pulley 4.5 Inch
122	HG-51244	1	S	Nut, Hex Locking 1/2-20 Nylon
123	HG-51076	3		HFHCS 1/4-20x.875
130		2		Tube, Connecting
132		1		O-Ring -137, 0.103x2.050
140	HG-52527	1		Spacer, .320x1.5x.062
141	HG-51946	1		Arm, Neutral Left
142	HG-51616	1	S	SHCS 5/16-24x1 Patch
145		1		Assembly, RTN
146	HG-51950	1		Washer, .343x1.5x.062
147	HG-52401	1	/P	Spring, Extension .57x2
155	HG-53046	1		Bracket, Damper
200	HG-71410	1	/P	Kit, Seal includes: 010, 026, 030, 031, 033, 035, 041, 046, 054, 056, 057, 071, 090, 096, 103, 130, 132
201	HG-71580	1		Kit, Center Section, RH includes: 016, 020, 022, 024, 025, 026, 027
207	HG-71699	1		Kit, Fan/Pulley includes: 120, 121, 122, 123
209	HG-71241	1	/P	Hub Puller, 4-Bolt
210	HG-71442	1		Kit, Input Shaft includes: 052, 053, 054
211	HG-71592	1		Kit, RTN, Bidirectional includes: 044, 046, 145
212	HG-71569	1	/P	Kit, Axle Shaft includes: 094, 109



Z-Force 50 17AF3AGP
Transmission RH-2

Page 73 of 74

Ref #	Part Number	Qty	S/P/F	Description
1	HG-71414	1		Kit, Housing, Main, RH includes: Housing, Main, RH; Bushing .624x.719x.562; BRG, JRNL .86x.98x.79; Pin .25x.375
2	HG-71571	1		Kit, Cover, Side, RH, CNTL includes: Cover, Side, RH, CNTL; Bushing .624x.719x.562; BRG, JNL .86x.98x.79
7	HG-51190	16	/P	HFHCS 1/4-20x1.25
10	HG-51804	2		D-Ring - 111 .103x.424
11	HG-9005110-5600	1	/P	Plug 9/16-18 (Metal)
13	HG-50928	1	/P	Sealant 10.1 OZ
14	737-3120	1	/P	FLUID-DRIVE SYSTEM, quart 70.3 OZ
16		1		Plug Rubber
20		1		Center Section, RH
22	HG-51448	1		Plate, Bypass
23	HG-52114	1	/P	Filter, Oil
24		1		Shock Valve
25		1		Shock Valve
26	HG-52162	2		Seal, Plug 1.250x.250
27	HG-52137	3		HFHCS 3/8-16x1.5 (Patch)
30	HG-51626	1		Seal, Lip .375x.75x.25
31	HG-51628	1	/P	Ring, Ret .375 External
32	HG-52136	1		Rod, Bypass
33	HG-51627	1		Ring, Ret .750 Internal
34	HG-51910	1		Arm, Bypass
35	HG-51630	1	/P	Ring, Rtnng .375 EXT
40	HG-51048	1	/P	Trunnion, Swashplate
41	HG-51140	1	/P	Seal, Lip 18x32x7
44		1		Arm, Control LH
45	HG-44130	1	S	Washer .34x.88x.06
46	HG-51812	1	/P	TWHCS 5/16-24x1.00 (Patch)
52	HG-51062	1	/P	Shaft, Input
53	HG-50315	1		BRG, Ball 17x40x12 Open 6203
54	HG-2000022	1	/P	Ring, Ret Wire .561 ID
55	HG-50951	1	/P	Washer 1.23x1.56x.04
56	HG-51161	1	/P	Seal, Lip 17x40x7
57	HG-50329	1	/P	Ring, Ret 2.06 INT
60	HG-51462	1		Bearing, Thrust
64	HG-71579	1		Ass'y, Cylinder Block, 16cc
65	HG-50551	1	S	BRG, Thrust Ball 30x52x13
69	HG-70723	1	/P	Ass'y, Block 7 Piston
70	HG-44371	1	/P	Washer .63x1.0x.05
71	HG-44145	1		Ring, Ret 62 EXT
72	HG-52149	1		Gear, 16T
73	HG-52150	1		Shaft, Motor
74	HG-51069	1		Washer .72x1.16x.04
80	HG-50132	2	/P	Washer .5x1.0x.03
81	HG-52148	1		Gear 43T
82	HG-52583	1		Gear 11T
83	HG-51083	1		Jack Shaft (Pin)
90	HG-50859	1		Ring, Ret 2.06 INT
91	HG-52108	1		Gear 54T
92	HG-52161	1		Spacer, .750x1.000x.257

Z-Force 50 17AF3AGP
Transmission RH-2

Page 74 of 74

Ref #	Part Number	Qty	S/P/F	Description
93	HG-44121	1	S	Bearing, Ball, .75x40x12
94		1		Shaft, Axle
95	HG-50771	1	/P	BRG, Ball 1.0x52x15 Open 6205M
96	HG-50772	1	/P	Seal, Lip 25x52x10 TC (Gray)
97	HG-71405	1	S	Kit, Hub, 4 Bolt
99	HG-50863	1	S	Nut, Hex Lock 3/4-16
100	HG-52766	1	/P	Pawl, Brake
101	HG-52640	1		Shaft, Brake
102	HG-52639	1	/P	Handle, Brake
103	HG-52027	1	/P	Clip, Retaining
105	HG-50752	3	/P	HFHCS 1/4-20x.75
106	HG-52257	1		Guard, Filter, RH
109		1		Spacer, .91x1.02x.625
111	HG-71393	1	/P	Fitting, DSTR 9/16-18 SAE .5 Barb
120	HG-52735	1	/P	Fan 7", 10 Blade
121	HG-50302	1	/P	Pulley 4.5 Inch
122	HG-51244	1	S	Nut, Hex Locking 1/2-20 Nylon
123	HG-51076	3		HFHCS 1/4-20x.875
130		2		Tube, Connecting
132		1		O-Ring -137, 0.103x2.050
140	HG-52527	1		Spacer, .320x1.5x.062
141	HG-51946	1		Arm, Neutral Left
142	HG-51616	1	S	SHCS 5/16-24x1 Patch
145		1		Assembly, RTN
146	HG-51950	1		Washer, .343x1.5x.062
147	HG-52401	1	/P	Spring, Extension .57x2
155	HG-53046	1		Bracket, Damper
200	HG-71410	1	/P	Kit, Seal includes: 010, 026, 030, 031, 033, 035, 041, 046, 054, 056, 057, 071, 090, 096, 103, 130, 132
201	HG-71580	1		Kit, Center Section, RH includes: 016, 020, 022, 024, 025, 026, 027
207	HG-71699	1		Kit, Fan/Pulley includes: 120, 121, 122, 123
209	HG-71241	1	/P	Hub Puller, 4-Bolt
210	HG-71442	1		Kit, Input Shaft includes: 052, 053, 054
211	HG-71592	1		Kit, RTN, Bidirectional includes: 044, 046, 145
212	HG-71569	1	/P	Kit, Axle Shaft includes: 094, 109