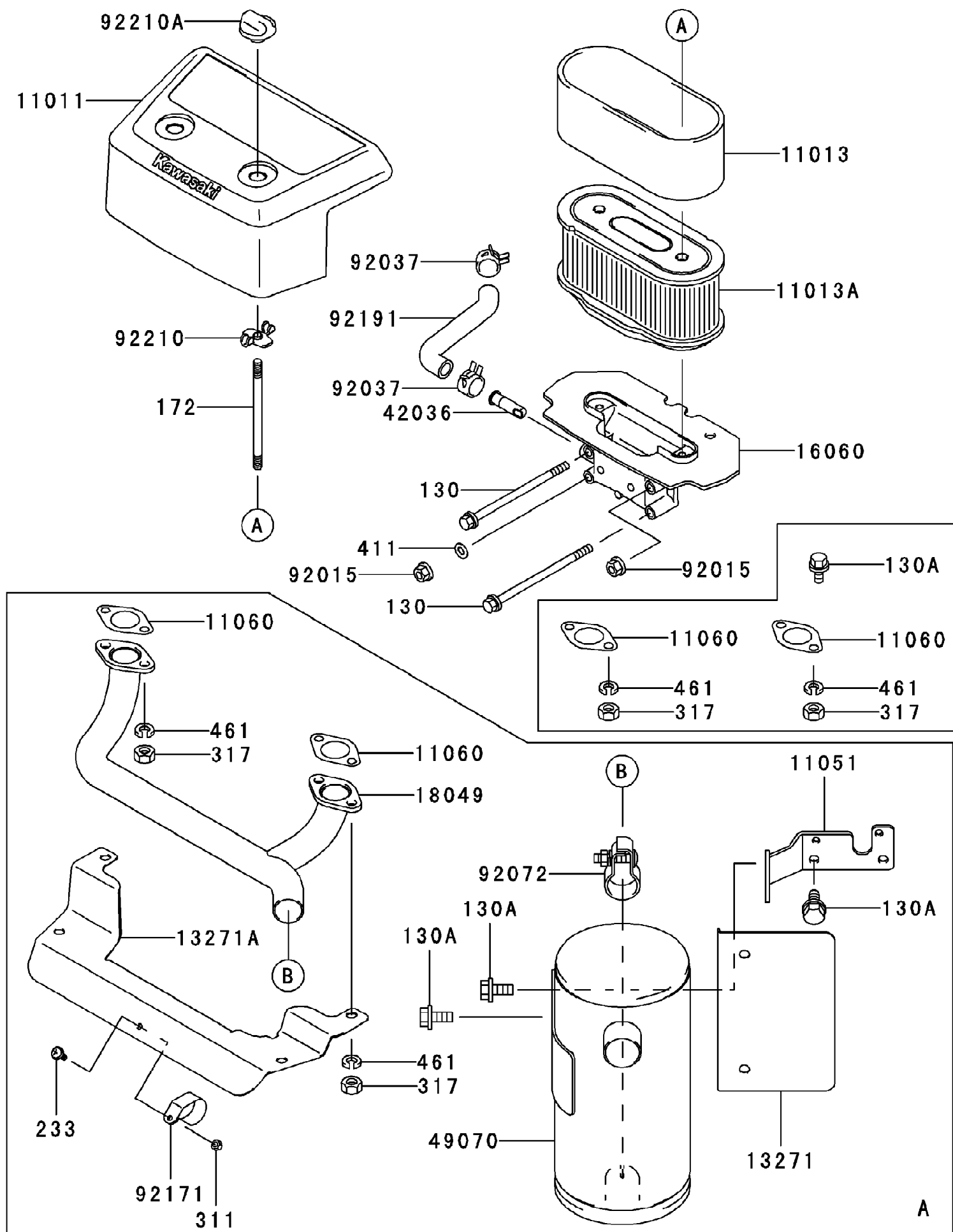


Z-Force 60 KW 17AI3AGJ
Air Filter & Muffler

Page 1 of 53



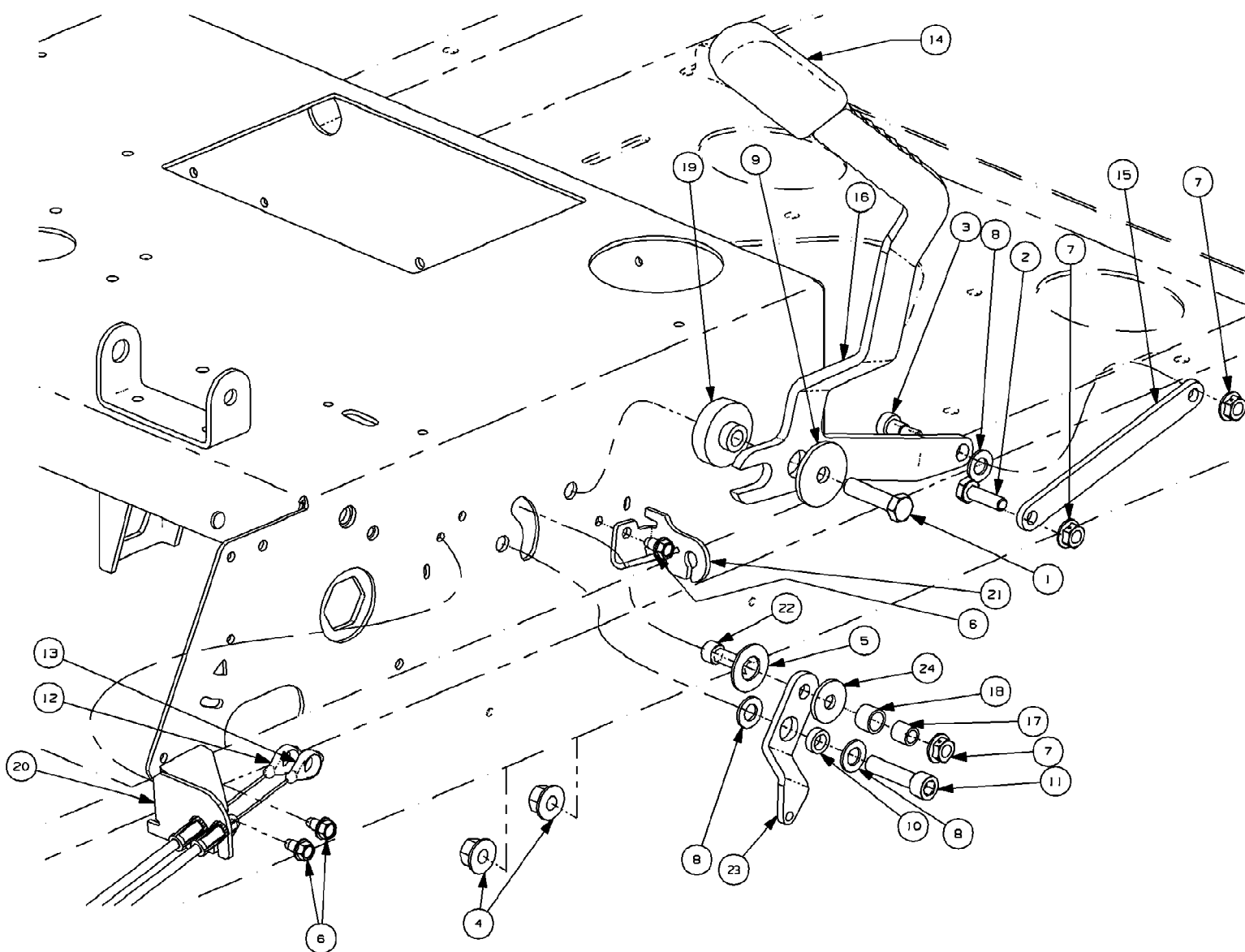
Z-Force 60 KW 17AI3AGJ
Air Filter & Muffler

Page 2 of 53

Ref #	Part Number	Qty	S/P/F	Description
11011	KM-11011-7003	1	S	CASE-AIR FILTER
11013	KM-11013-7009	1		ELEMENT-AIR FILTER
11013A	KM-11013-7010	1	S	ELEMENT-AIR FILTER
11060	KM-11060-7016	2		GASKET,MUFFLER
16060	KM-16060-7001	1	/P	PIPE-INTAKE
42036	KM-42036-7002	1		SLEEVE
92015	KM-92015-1193	2		NUT
92037	KM-92037-2079	2	S	CLAMP
92191	KM-92191-7006	1		TUBE
92210	KM-92210-7004	2		NUT
92210A	KM-92210-7008	2	S	NUT
130	KM-130B06105	2	S	BOLT-FLANGED
130A	KM-130B0816	1	S	BOLT-FLANGED
172	KM-172G0690	2	S	BOLT-STUD
317	KM-317R0800	4	/P	NUT-HEX-SMALL
411	KM-411B0600	1		WASHER-PLAIN
461	KM-461F0800	4	S	WASHER-SPRING

Z-Force 60 KW 17AI3AGJ
Brake Assembly SN 1D237 & After

Page 3 of 53



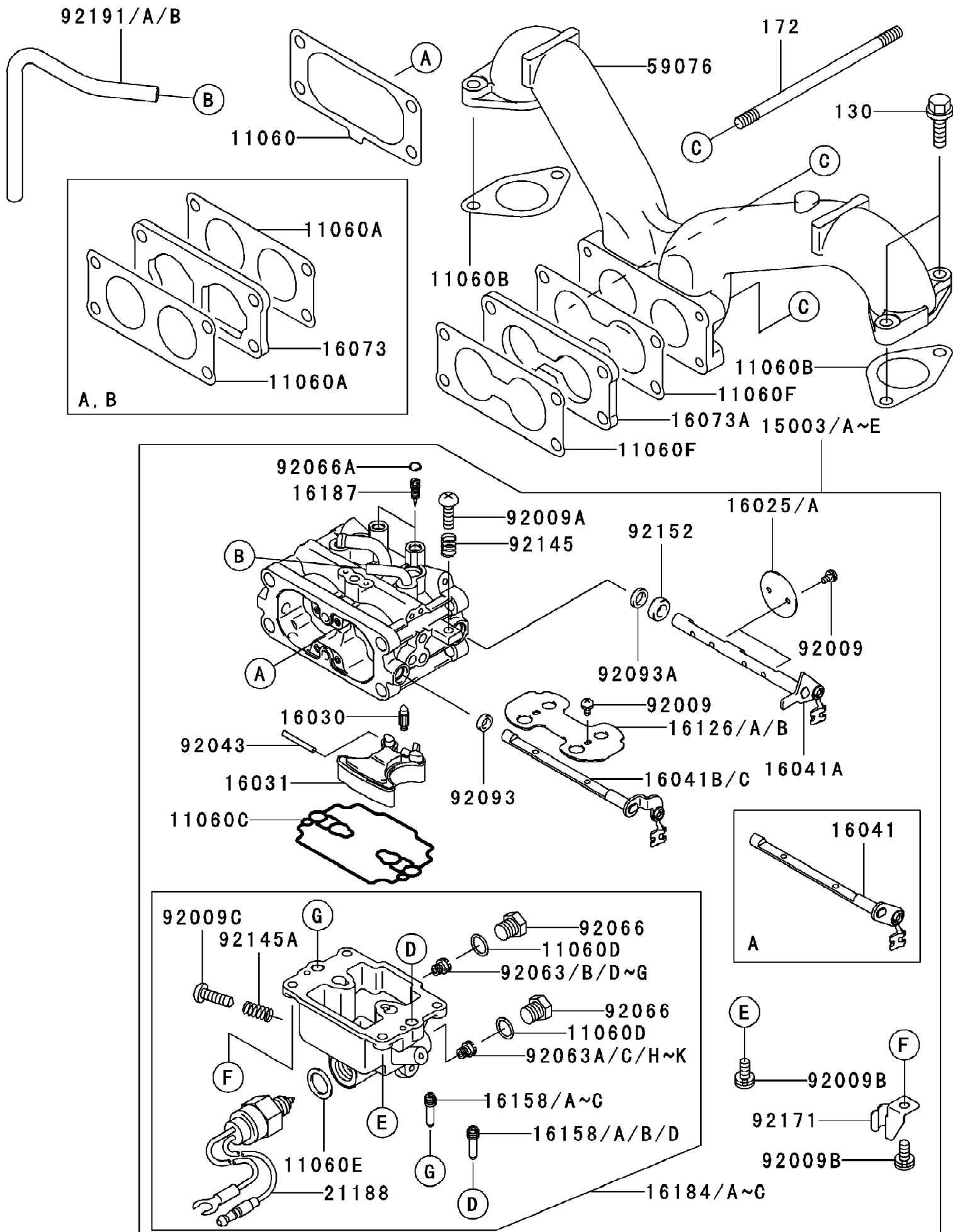
Z-Force 60 KW 17AI3AGJ
Brake Assembly SN 1D237 & After

Page 4 of 53

Ref #	Part Number	Qty	S/P/F	Description
1	00010980	1		Hex Head Cap Screw, 3/8-16 x 1.50
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 60 KW 17AI3AGJ
Carburetor

Page 5 of 53



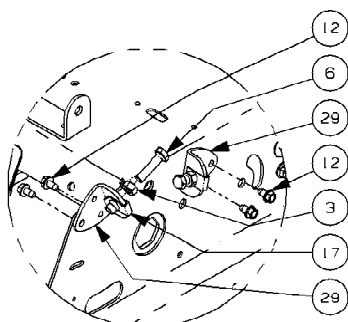
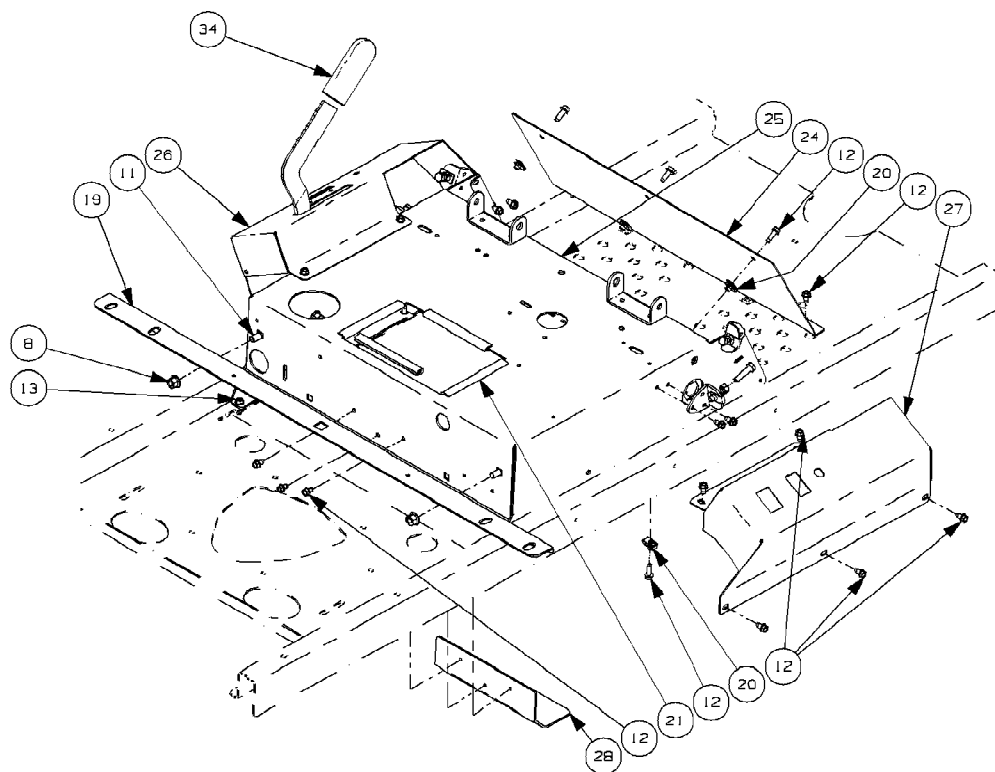
Z-Force 60 KW 17AI3AGJ
Carburetor

Page 6 of 53

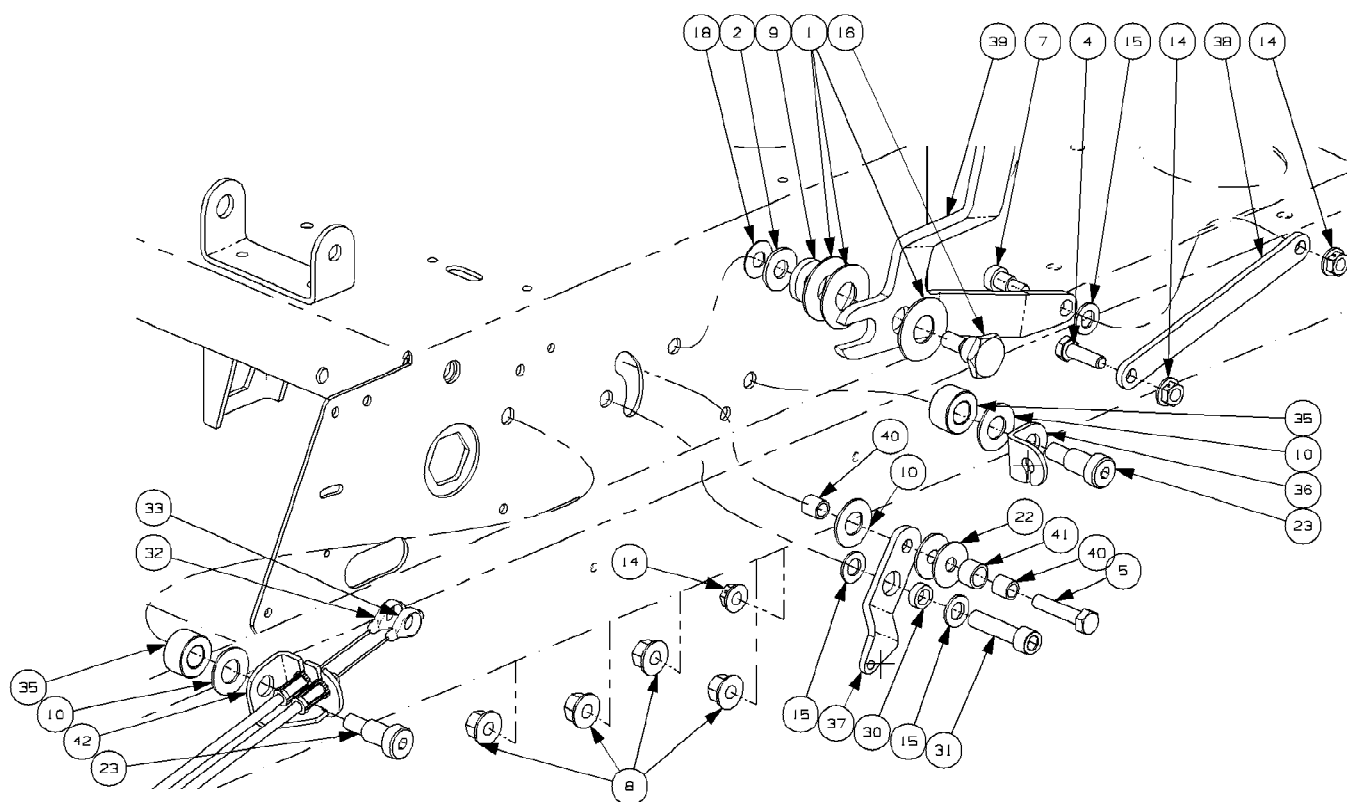
Ref #	Part Number	Qty	S/P/F	Description
11060	KM-11060-7009	1		GASKET,AIR FILTER
11060B	KM-11060-70K11	2		GASKET,MANIFOLD
11060C	KM-11060-7018	1		GASKET,FLOAT CHAMBER
11060D	KM-11060-7019	2		GASKET,MAIN PLUG
11060E	KM-11060-7020	1		GASKET,SOLENOID
11060F	KM-11060-7024	2		GASKET,CARBURETOR
15003D	KM-15003-7045	1	S	CARBURETOR-ASSY Substitute part
15003E	KM-15003-7079	1	/P	CARBURETOR-ASSY
16025A	KM-16025-7003	2		VALVE-THROTTLE
16030	KM-16030-7002	1		VALVE-FLOAT
16031	KM-16031-7001	1		FLOAT
16041A	KM-16041-7004	1		SHAFT-CARBURETOR
16041B	KM-16041-7007	1	S	SHAFT-CARBURETOR,CHOKE
16073A	KM-16073-7005	1		INSULATOR
16126	KM-16126-7002	1		VALVE,CHOKE
16126B	KM-16126-7004	1		VALVE,CHOKE Substitute part
16158C	KM-16158-7006	1		JET-SLOW,#46
16158D	KM-16158-7007	1		JET-SLOW,#44
16184C	KM-16184-7006	1		CHAMBER-ASSY-FLOAT
16187	KM-16187-7002	2		NEEDLE-JET
21188	KM-21188-7001	1		SOLENOID
59076	KM-59076-7002	1	S	MANIFOLD-INTAKE
92009	KM-92009-7003	6		SCREW
92009A	KM-92009-7004	1		SCREW
92009B	KM-92009-7005	4		SCREW
92009C	KM-92009-7006	1		SCREW,DRAIN
92043	KM-92043-7004	1		PIN,FLOAT
92063B	KM-92063-7010	1		JET-MAIN,#136
92063C	KM-92063-7011	1		JET-MAIN,#140
92063E	KM-92063-7017	1		JET-MAIN,#133
92063G	KM-92063-7018	1		JET-MAIN,#130
92063I	KM-92063-7019	1		JET-MAIN,#139
92063K	KM-92063-7020	1		JET-MAIN,#134
92066	KM-92066-7008	2		PLUG,MAIN JET
92066A	KM-92066-7009	2		PLUG,EXPANSION
92093	KM-92093-7001	1		SEAL,D=5.9
92093A	KM-92093-7002	1		SEAL,D=6.9
92145	KM-92145-7010	1		SPRING
92145A	KM-92145-7011	1		SPRING
92152	KM-92152-7001	1		COLLAR
92171	KM-92171-7001	1		CLAMP
92191B	KM-92191-7023	1		TUBE,4.76X7.94X215
130	KM-130B0620	4	S	BOLT-FLANGED
172	KM-172G06105	2	S	BOLT-STUD

Z-Force 60 KW 17AI3AGJ
Control & Brake Assembly SN 1D227 & Before

Page 7 of 53



DETAIL A
SCALE 16



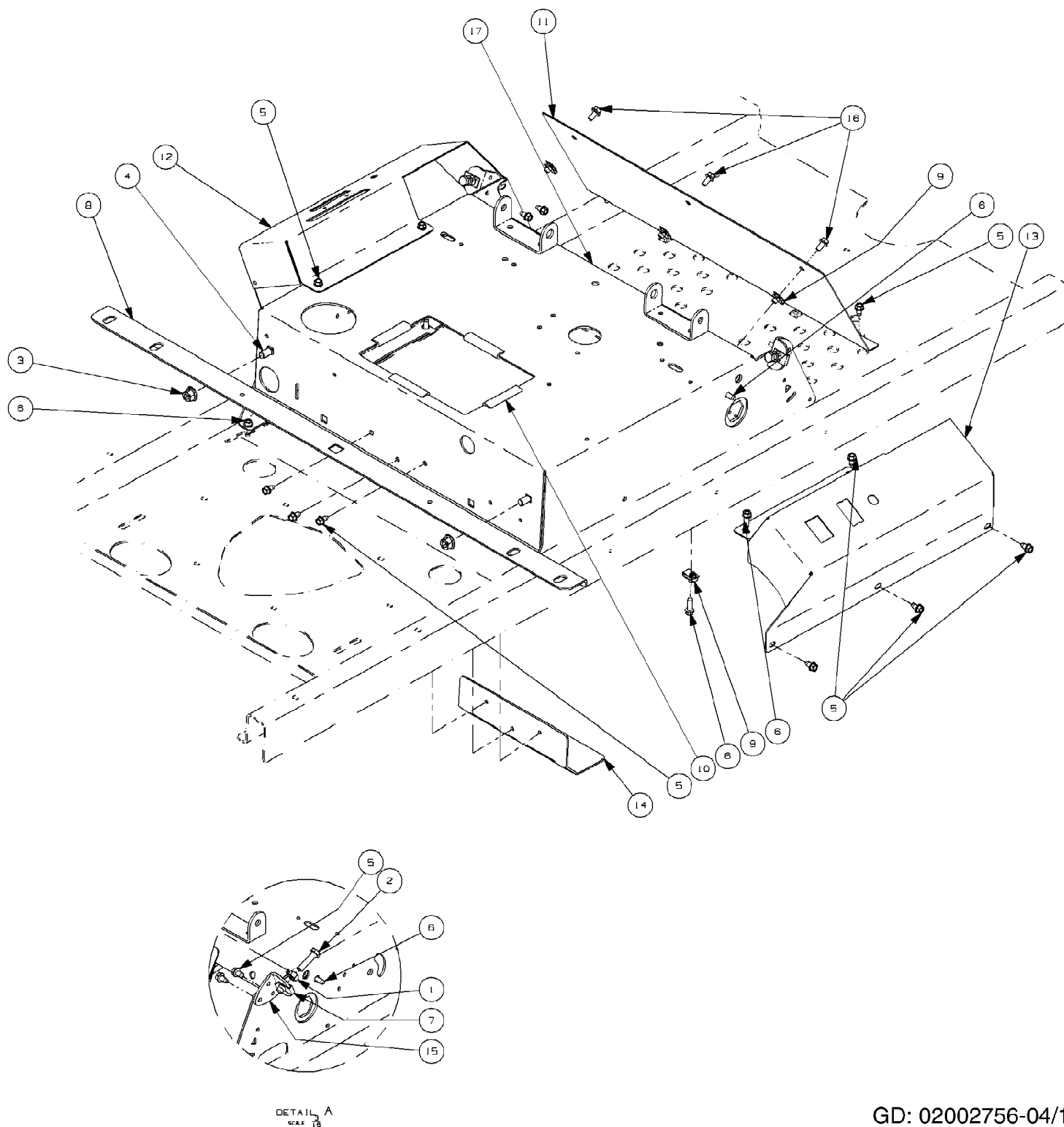
Z-Force 60 KW 17AI3AGJ
Control & Brake Assembly SN 1D227 & Before

Page 8 of 53

Ref #	Part Number	Qty	S/P/F	Description
1	00002766	3		Washer, 1.50 x .625 x .05
2	00006168	1		Washer, 3/8
3	00012166	4		Hex Nut, 5/16-18
4	00012180	1		Hex Head Cap Screw, 5/16-18 x 1.00
5	00012382	1		Hex Cap Screw, 5/16-18 x 1-1/2
6	00013116	4		HHCS, 5/16-18 x 1-1/4
7	00013733	1		Shoulder Bolt, 3/8 x 3/8
8	00022560	6		Hex Nut, 3/8-16 Flange Lock
9	00083192	1		Idler Washer
10	01000101	3		Slide Washer
11	01000372	2	S	Carriage Bolt, 3/8-16
12	01000628	24	S	Screw, 1/4-20 x 1/2
13	01000629	7	S	Self Tapping Screw, 1/4-20 x .75
14	01000635	3	S	Nut, 5/16-18, Flange Lock
15	01002710	3		Washer, .375 x .738 x .063
16	01003535	1		Shoulder Screw, 0.625 OD x .437 Lg.
17	01003563	4		U-Nut, 5/16-18
18	01008225	1		Push Retainer
19	01008491	1		Front Tank Mounting Bracket
20	01008539	5	S	U-Nut, 1/4-20
21	01008572	4	S	Battery Edge Trim
22	01009937	2		Washer, 5/16 x 1.06
23	02002091	2		Shoulder Bolt, 1/2 x 3/4, 3/8-16
24	02002457	1		Front Panel
25	02002626	1		Control Housing Weldment
26	02002741	1		Left Hand Control Console
27	02002742	1		Right Hand Control Console
28	02002745	1		Battery Bracket
29	02002761	4		Forward/Reverse Stop Bracket
30	02002885	1		Spacer, .380 x .563 x .196
31	02003717	1		Sockethead Capscrew, 3/8-16 x 1.50
32	02003728	1		Left Hand Brake Cable
33	02003729	1		Right Hand Brake Cable
34	02003740	1		Parking Brake Grip
35	02003820	2		Spacer, .515 ID x 1.00 OD x .56
36	02003824	1		Brake Cable Mounting Bracket
37	02003825	1		Lockout Lever Plate
38	02003831	1		Brake Link Plate
39	02003833	1	S	Brake Handle
40	02003839	2		Spacer, .322 ID x .438 OD x .44
41	02003840	1		Spacer, .442 ID x .563 OD x .405
42	02003858	1		Brake Cable Mounting Bracket

Z-Force 60 KW 17AI3AGJ
Control Assembly SN 1D237 & After

Page 9 of 53

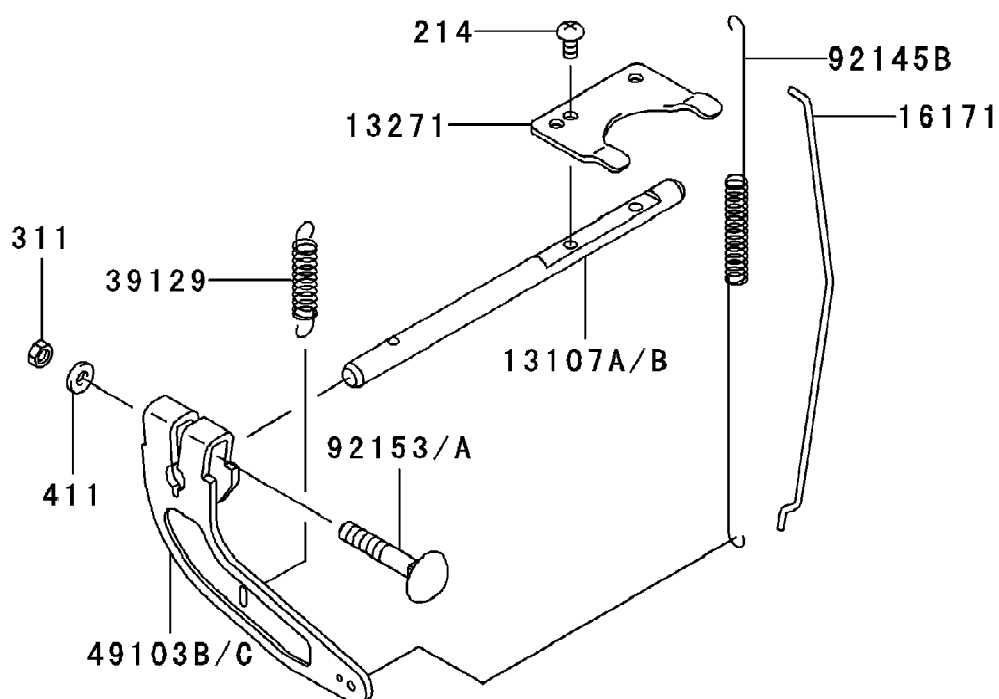
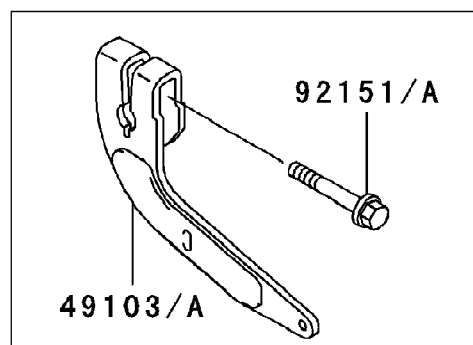
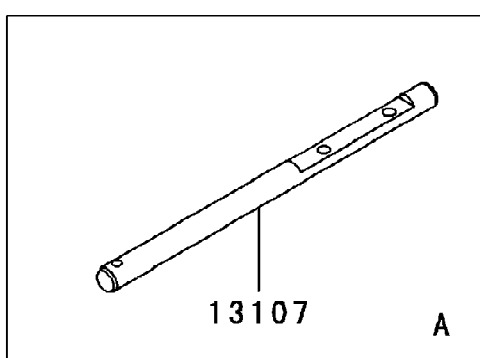
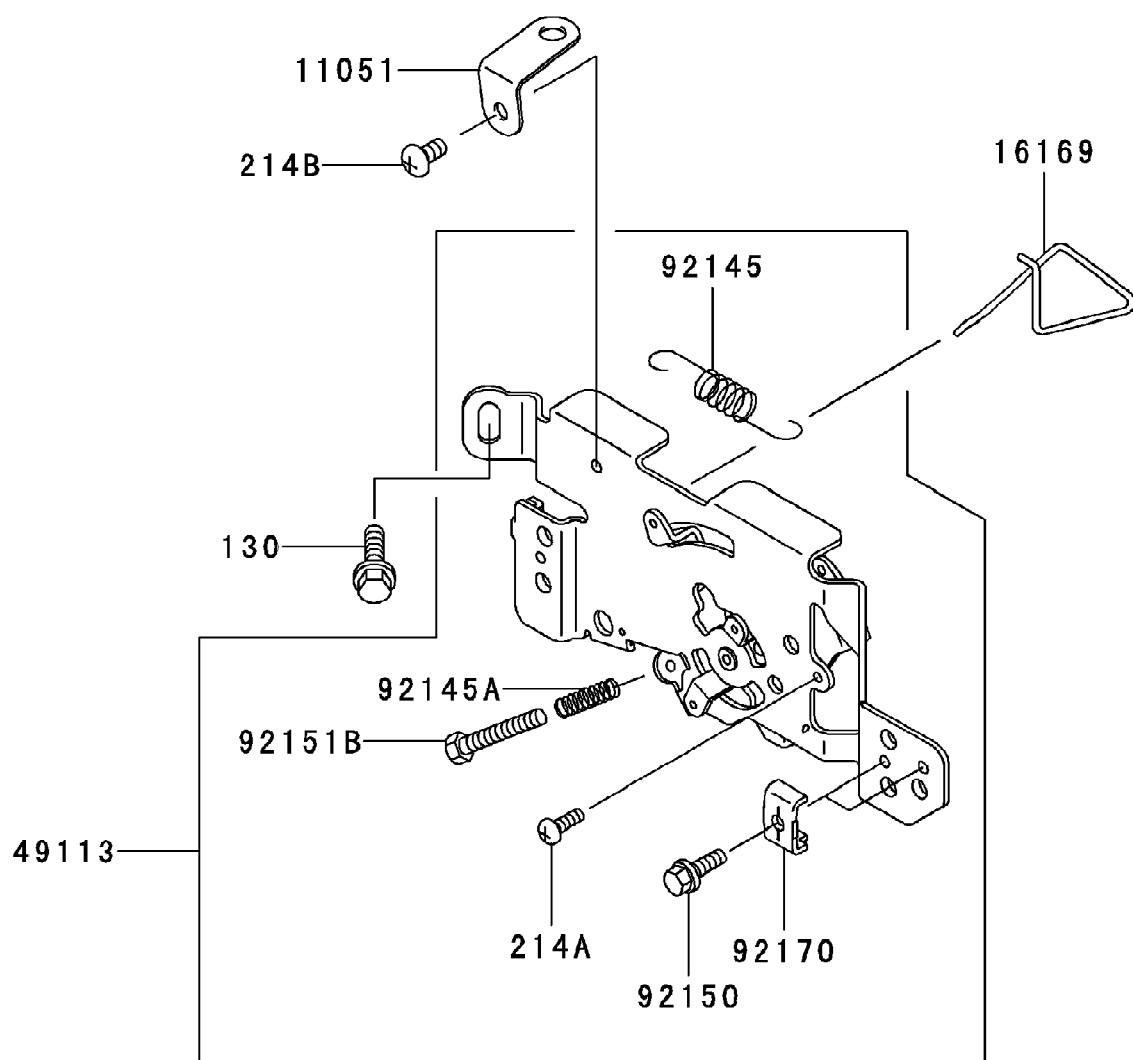


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Z-Force 60 KW 17AI3AGJ
Control Assembly SN 1D237 & After

Page 10 of 53

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	01000629	7	S	Self Tapping Screw, 1/4-20 x .75
7	01003563	2		U-Nut, 5/16-18
8	01008491	1		Front Tank Mounting Bracket
9	01008539	5	S	U-Nut, 1/4-20
10	01008572	4	S	Battery Edge Trim
11	02002457	1		Front Panel
12	02002741	1		Left Hand Control Console
13	02002742	1		Right Hand Control Console
14	02002745	1		Battery Bracket
15	02002761	2		Forward/Reverse Stop Bracket
16	02003812	3		Screw, 1/4-20 x 1/2
17	02004172	1		Control Housing Weldment



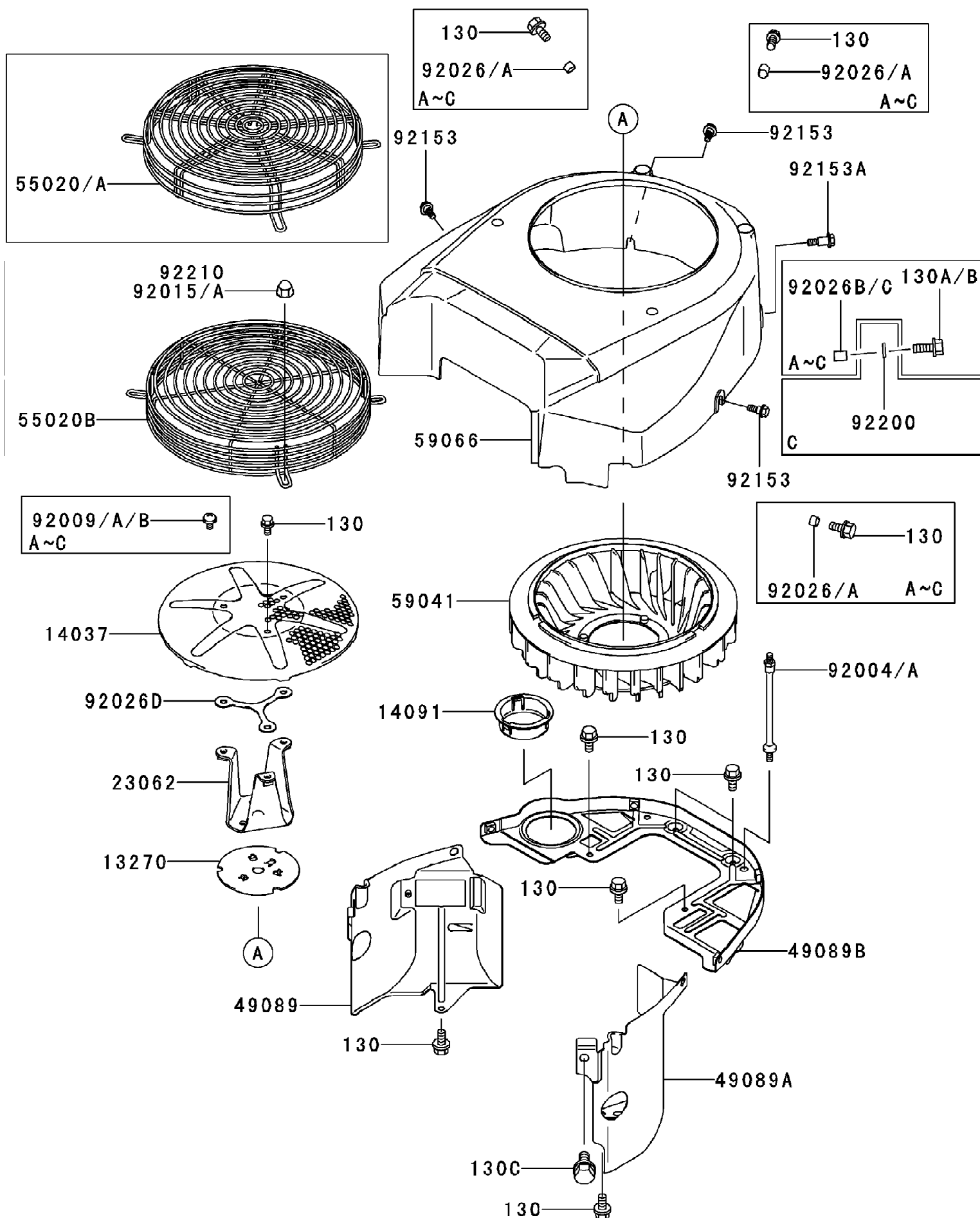
Z-Force 60 KW 17AI3AGJ
Control Equipment

Page 12 of 53

Ref #	Part Number	Qty	S/P/F	Description
11051	KM-11051-7008	1		BRACKET
13107B	KM-13107-7013	1		SHAFT
13271	KM-13271-7018	1	/P	PLATE
16169	KM-16169-7006	1		LINK-CHOKE
16171	KM-16171-7004	1		LINK
39129	KM-39129-7004	1		SPRING-GOVERNOR
49103B	KM-49103-7004	1		ARM-GOVERNOR
49113	KM-49113-7017	1	/P	PANEL-COMP-CONTROL
92145	KM-92145-7004	1	S	SPRING
92145A	KM-92145-7005	1		SPRING
92145B	KM-92145-7009	1	S	SPRING
92150	KM-92150-2182	2	/P	BOLT,5X18
92151B	KM-92151-7014	1		BOLT,5X30
92153	KM-92153-7005	1		BOLT,6X35
92170	KM-92170-7001	2		CLAMP
130	KM-130B0612	2	S	BOLT-FLANGED
214	KM-214B0408	2	S	SCREW-PAN
214A	KM-214B0412	1	S	SCREW-PAN
214B	KM-214B0510	1		SCREW-PAN
311	KM-311B0600	1	S	NUT-HEX
411	KM-411B0600	1		WASHER-PLAIN

Z-Force 60 KW 17AI3AGJ
Cooling Equipment

Page 13 of 53



Z-Force 60 KW 17AI3AGJ
Cooling Equipment

Page 14 of 53

Ref #	Part Number	Qty	S/P/F	Description
13270	KM-13270-7007	1		PLATE
14037	KM-14037-70089H	1		SCREEN
14091	KM-14091-7002	1		COVER
23062	KM-23062-7005	1		BRACKET-COMP
49089	KM-49089-7004	1		SHROUD-ENGINE
49089A	KM-49089-7005	1		SHROUD-ENGINE
49089B	KM-49089-7040	1	S	SHROUD-ENGINE
55020A	KM-55020-7002	1	S	GUARD
55020B	KM-55020-7007	1	/P	GUARD
59041	KM-59041-7003	1		FAN
59066	KM-59066-7004	1		HOUSING-FAN
92004A	KM-92004-2148	1	S	STUD
92015A	KM-92015-1170	1	S	NUT
92026D	KM-92026-7007	1	/P	SPACER
92153	KM-92153-7007	1		BOLT
92153A	KM-92153-7008	1		BOLT
92210	KM-92210-0003	1	/P	NUT
130	KM-130G0612	1	S	BOLT-FLANGED
130C	KM-130B0816	1	S	BOLT-FLANGED



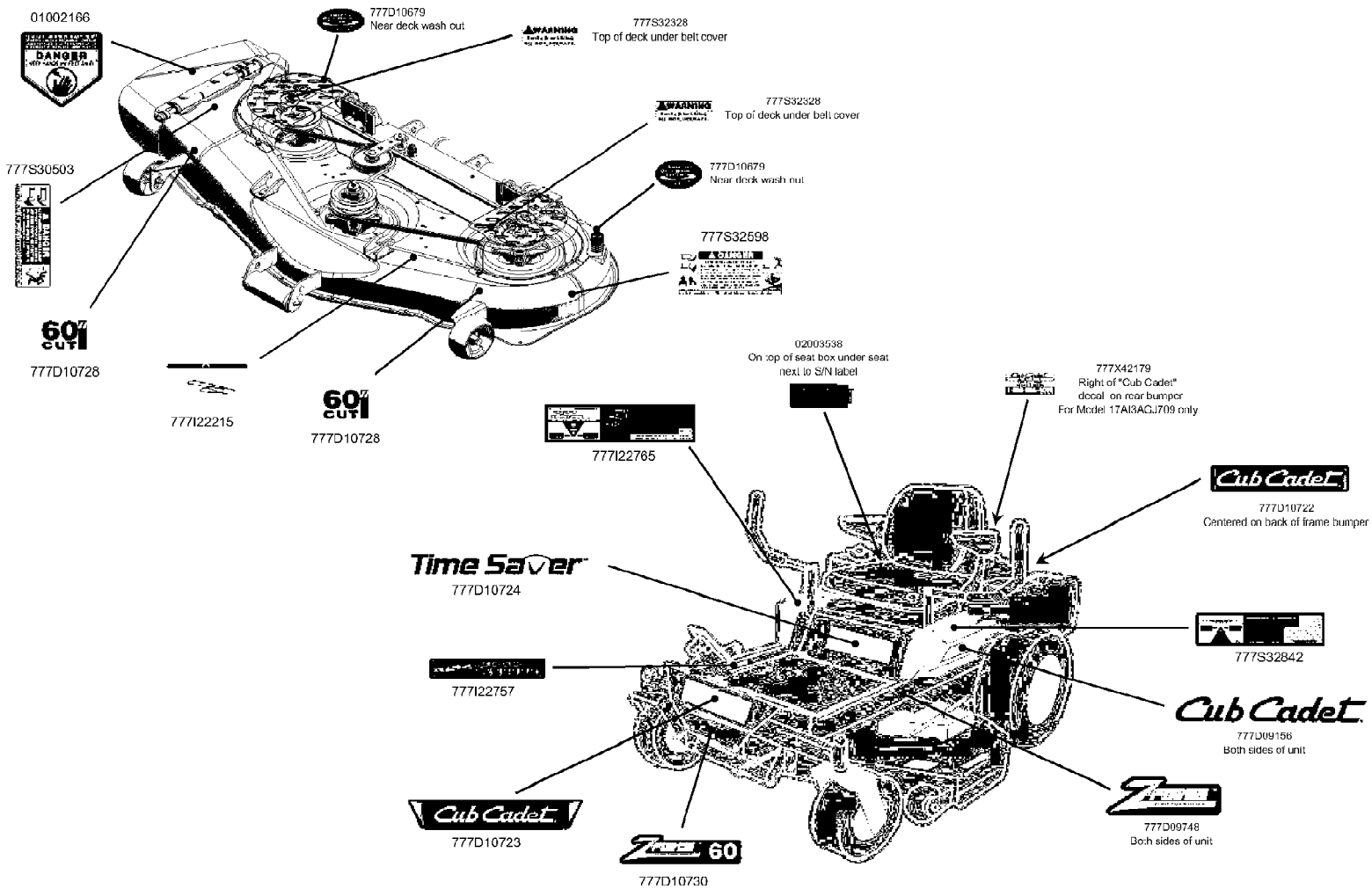
Z-Force 60 KW 17AI3AGJ
Cylinder Crankcase

Page 16 of 53

Ref #	Part Number	Qty	S/P/F	Description
11004B	KM-11004-7006	2	/P	GASKET-HEAD
11008	KM-11008-7012	1	S	HEAD-COMP-CYLINDER,#2
11008A	KM-11008-7013	1	S	HEAD-COMP-CYLINDER,#1
11022	KM-11022-7002	2		CASE-ROCKER
11060	KM-11060-7012	1		GASKET,CRANKCASE COVER
11060A	KM-11060-7013	2		GASKET,ROCKER CASE
11060B	KM-11060-7014	1		GASKET,BREATHER
13271	KM-13271-7006	1		PLATE
14091	KM-14091-7004	1		COVER
16126	KM-16126-7001	1		VALVE
49015A	KM-49015-6225	1	S	COVER-CRANKCASE
49109	KM-49109-7003	1	S	ELEMENT-BREATHER
49120C	KM-49120-7019	1		CRANKCASE-COMP
59071	KM-59071-2079	1		JOINT
92033	KM-92033-7004	2		RING-SNAP
92043	KM-92043-7001	6		PIN
92049	KM-92049-7001	4	/P	SEAL-OIL,RVC2 6X11X10.2
92049A	KM-92049-7002	1	S	SEAL-OIL,35-48-8 TC
92049B	KM-92049-7004	1	S	SEAL-OIL,35-62-8 TC
92049C	KM-92049-7005	1		SEAL-OIL,SO 8X14X5 HS
130	KM-130B0612	4	S	BOLT-FLANGED
130A	KM-130B0640	4	S	BOLT-FLANGED
130B	KM-130T0850	18	S	BOLT-FLANGED
130C	KM-130T0875	2	S	BOLT-FLANGED
172	KM-172G0818	4		BOLT-STUD
214	KM-214B0408	1	S	SCREW-PAN

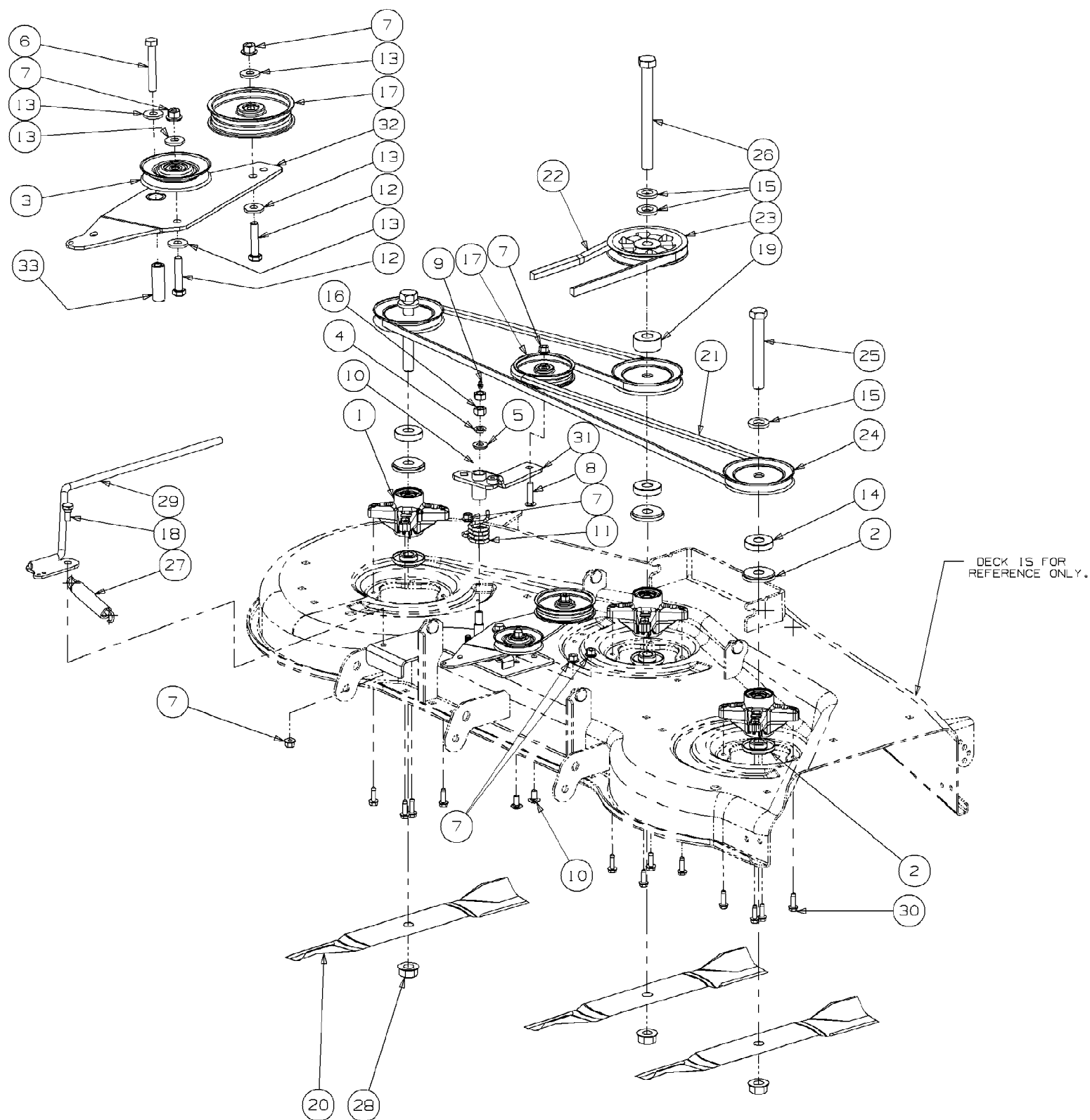
Z-Force 60 KW 17AI3AGJ
Decal Map 60

Page 17 of 53



Z-Force 60 KW 17AI3AGJ
Deck Spindle Assembly 60

Page 18 of 53



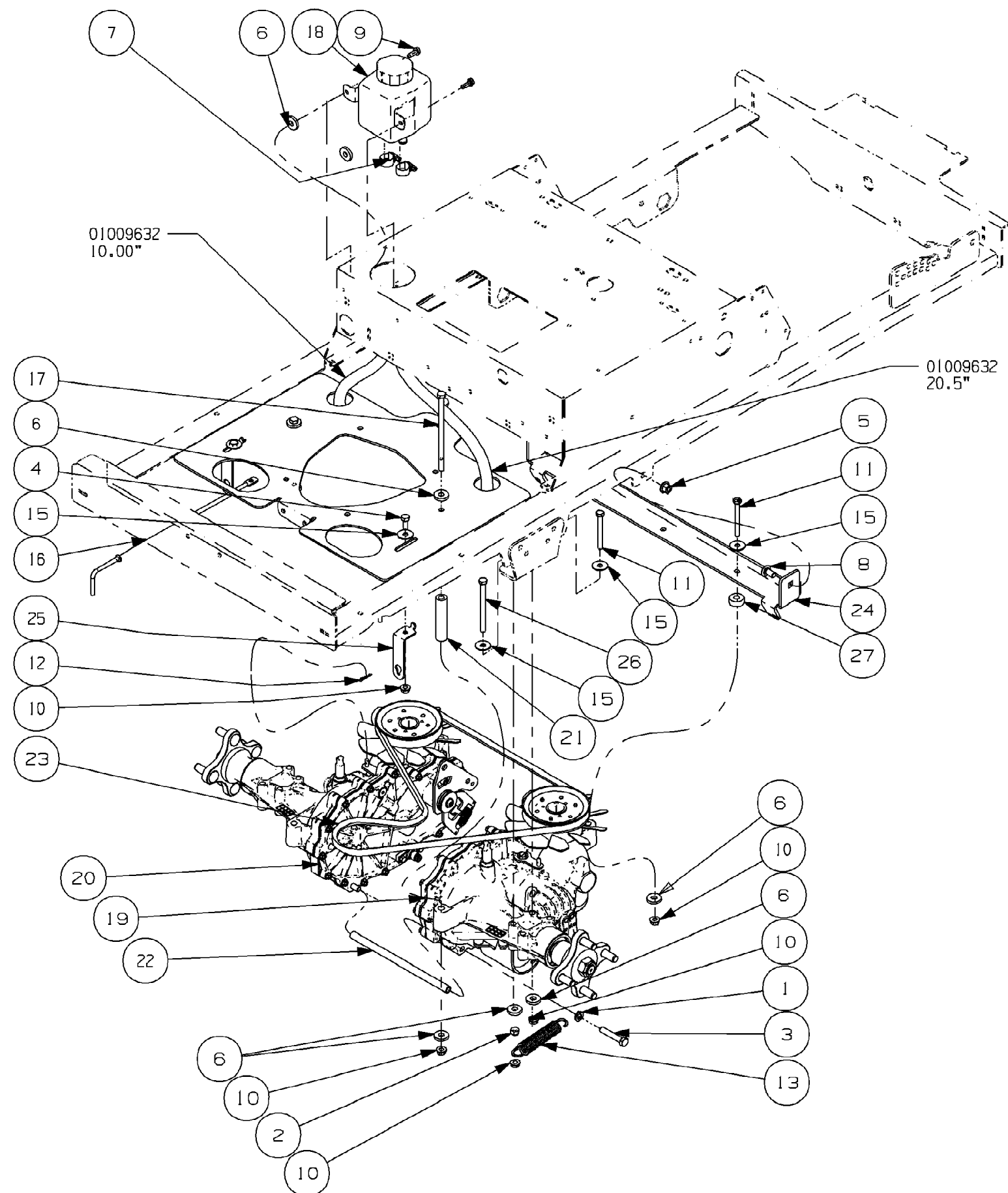
Z-Force 60 KW 17AI3AGJ
Deck Spindle Assembly 60

Page 19 of 53

Ref #	Part Number	Qty	S/P/F	Description
1	618-04426	3	S	Spindle Assembly
1	721-3018A	1	S	Seal, Oil Not shown
1	741-04089	1	S	Bearing, Cone Not shown
1	741-04091	1	S	Bearing, Cup Not shown
1	750-04409	1	/P	Spacer, Bearing Not shown
2	748-3065A	6	/P	Spindle Spacer
3	756-0399	1	S	V-Pulley, 3.50 OD
4	00010734	1	S	Lock Washer, 1/2
5	00010958	1		Washer, 1/2 Zinc
6	00011861	1		Hex Cap Screw, 3/8-16 x 2.50
7	00022560	7		Hex Nut, 3/8-16, Flange Lock
8	00030276	1		Hex Carriage Screw, 3/8-16, 1.50
9	00060078	2	/P	Grease Fitting, 1/4-28 x 3/16
10	01000372	2	S	Carriage Bolt 3/8-16 x .75
11	01000387	1	S	Torsion Idler Spring
12	01000512	2	S	Hex Cap Screw, 3/8-16 x 1.750
13	01000723	5	S	Flat Washer, .406 ID, 1.0 OD, .105
14	01002564	3		Spacer, .76 ID x 2.00 OD x .477
15	01003123	4		Spacer .812 ID x .218
16	01003607	2	S	Hex Nut, 1/2-20
17	01004081	2	S	Flat Pulley
18	01004118	1		Shoulder Screw, .50x.27 Lg., 3/8-16
19	01004415	1		Spacer, .760 ID x 2.000 OD x 1.1
20	01004719	3	S	Hi-Lift Blade, 20.5, .756 ID
21	01004752	1	/P	V Belt, A Section x 120.0
22	01005011	1	/P	V Belt, B Section x 83.2
23	01005203	1		V-Pulley, 5.774 OD
24	01006535	3	S	Pulley, A Sect x 4.90
25	01006590	2		Spindle Bolt 3/4-16 x 5.50
26	01008542	1		Hex Cap Screw, 3/4-16, 7.50
27	01009635	1		Extension Spring, .98 OD x 5.00
28	02000402	3		Flange Hex Nut, 3/4-16
29	02000416	1	/P	Spring Tension Rod Assembly
30	02000762	12		Self Tapping Screw 5/16-18 x 1.00
31	02003571	1		Idler Arm Assembly, Deck Spindle includes:
31	01000308	2		Bearing not shown
32	02003795	1		Idler Arm Assembly, Double, includes
32	01000308	2		Bearing not shown
33	02003640	1		Spacer, .39 ID x .625 OD x 1.875

Z-Force 60 KW 17AI3AGJ
Drive Train Assembly

Page 20 of 53



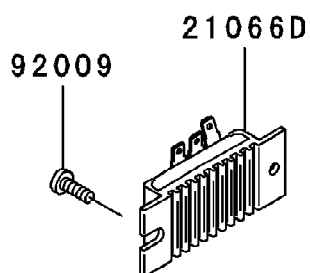
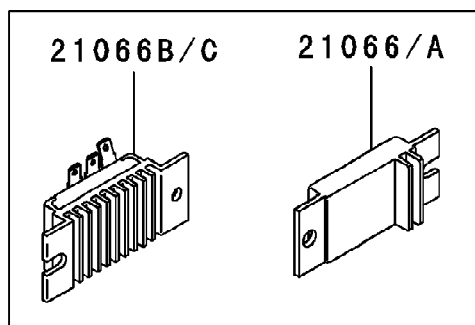
Z-Force 60 KW 17AI3AGJ
Drive Train Assembly

Page 21 of 53

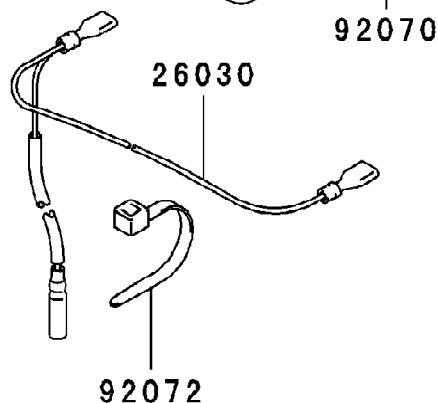
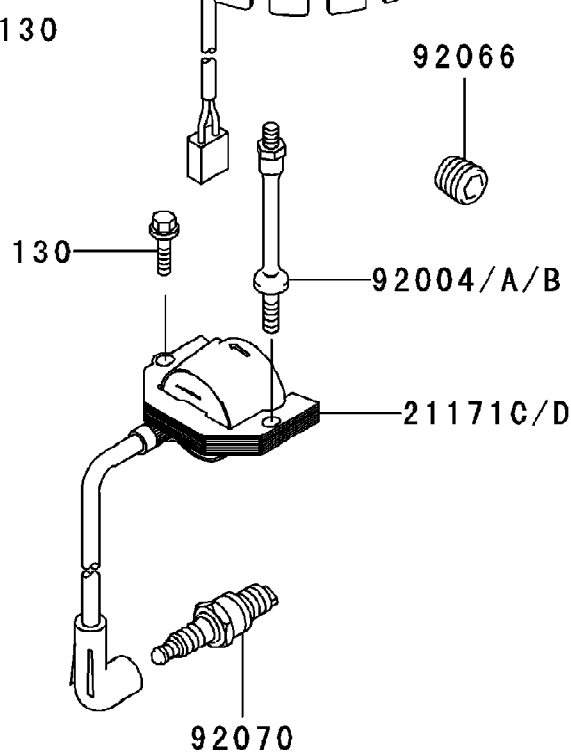
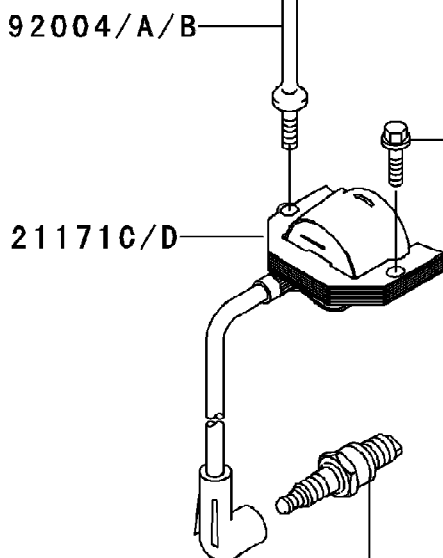
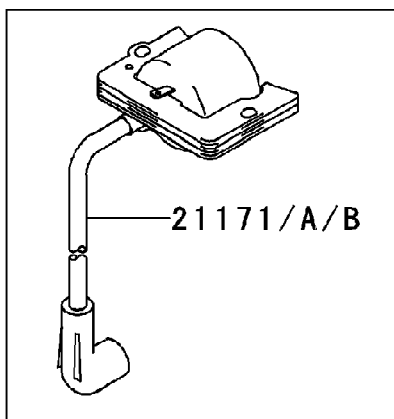
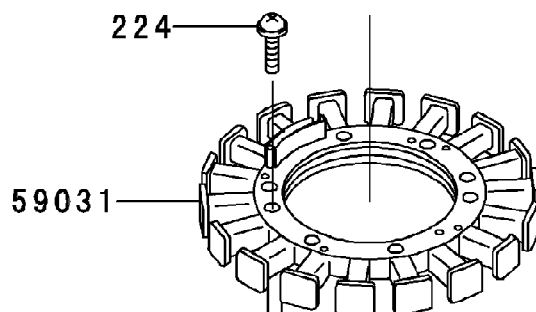
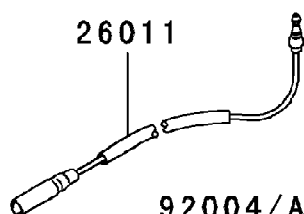
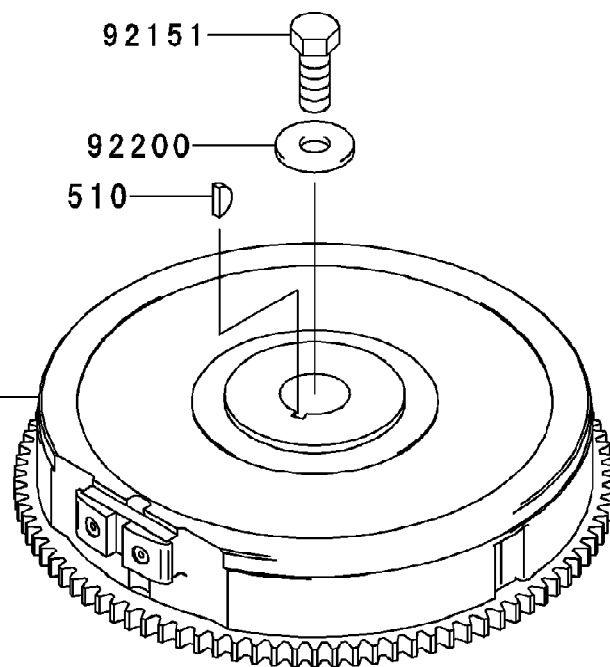
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1	00012157	2	S	Lock Washer, 3/8 Zinc
2	00012165	2		Nylock Nut, 5/16-18
3	00012172	2		Hex Cap Screw, 3/8-16 x 2.00
4	00012179	2		Hex Cap Screw, 5/16-18 x 3/4
5	00022560	2		Nut, Flange Lock, 3/8-16
6	00083192	12		Idler Washer
7	02001111	4	/P	Hose Clamp
8	01000372	2	S	Carriage Bolt, 3/8-16
9	01000629	2	S	Self Tapping Screw, 1/4-20 x .75
10	01000635	10	S	Nut, Lock, HexFlange, 5/16-18
11	01001972	4		Hex Cap Screw, 5/16-18 x 2.75
12	01002771	2	S	Cotter Pin, .072 x 1.12 Lg
13	01002874	2		Extension Spring, .865 OD x 4.68 Long
14		1		Fuel Hose, .50 ID x .75 OD (30.5 in inches) purchase locally
15	01009937	8		Washer, 5/16 x 1.06
16	02001332	2		Pump Rod
17	02001556	2		Hex Cap Screw, 5/16-18 x 6.00
18	02001578	1	S	Hydraulic Tank
19	02002175	1	S	IZT Transmission, Right Hand
19	02002150	1	S	Filter not shown
20	02002176	1	S	IZT Transmission, Left Hand
20	02002150	1	S	Filter not shown
21	02002646	2		Spacer, .375 ID x .75 OD x 3.30
22	02002647	1		Transmission Support Tube
23	02002648	1		V-Belt, 58.4
24	02002978	1	S	Transmission Front Mounting Bracket
25	02002966	2	S	Neutral Bracket
26	02002974	2		Bolt, 5/16-18 x 4.00
27	750-3119	2	/P	Spacer .406 ID x 1.0 OD

Z-Force 60 KW 17AI3AGJ
Electric Equipment

Page 22 of 53



21193/A~C



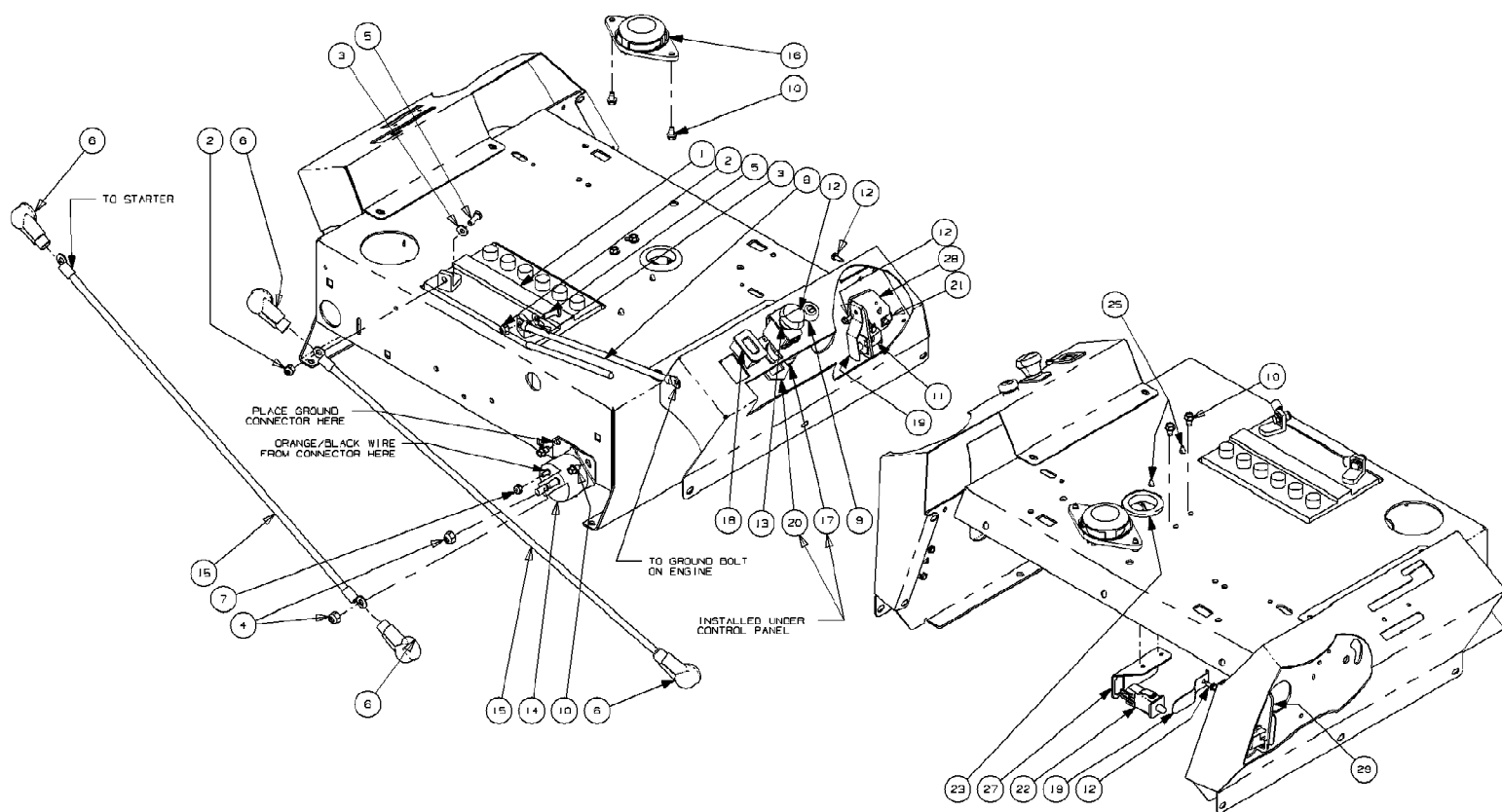
Z-Force 60 KW 17AI3AGJ
Electric Equipment

Page 23 of 53

Ref #	Part Number	Qty	S/P/F	Description
21066A	KM-21066-7003	1	S	REGULATOR-VOLTAGE Substitute part
21066C	KM-21066-7006	1	S	REGULATOR-VOLTAGE Substitute part
21066D	KM-21066-7011	1	/P	REGULATOR-VOLTAGE
21171B	KM-21171-7001	1	S	COIL-ASSY-IGNITION Substitute part
21171D	KM-21171-7007	2	S	COIL-ASSY-IGNITION
21193C	KM-21193-7019	1	S	FLYWHEEL-ASSY
26011	KM-26011-7008	1		WIRE-LEAD,L=540
26030	KM-26030-7002	1		HARNESS
59031	KM-59031-7001	1	S	COIL-CHARGING
92004B	KM-92004-2147	2	S	STUD
92009	KM-92009-2308	1		SCREW
92066	KM-92066-7002	1		PLUG
92070	KM-92070-7004	2	S	PLUG-SPARK,BPR4ES(NGK),SOLID
92072	KM-92072-7003	2		BAND
92151	KM-92151-2097	1		BOLT,12X30
92200	KM-92200-7002	1		WASHER
130	KM-130B0620	2	S	BOLT-FLANGED
224	KM-224B0520	4		SCREW-PAN-WP-CROS
510	KM-510A5100	1		KEY-WOODRUFF

Z-Force 60 KW 17AI3AGJ
Electrical Assembly Kawasaki

Page 24 of 53



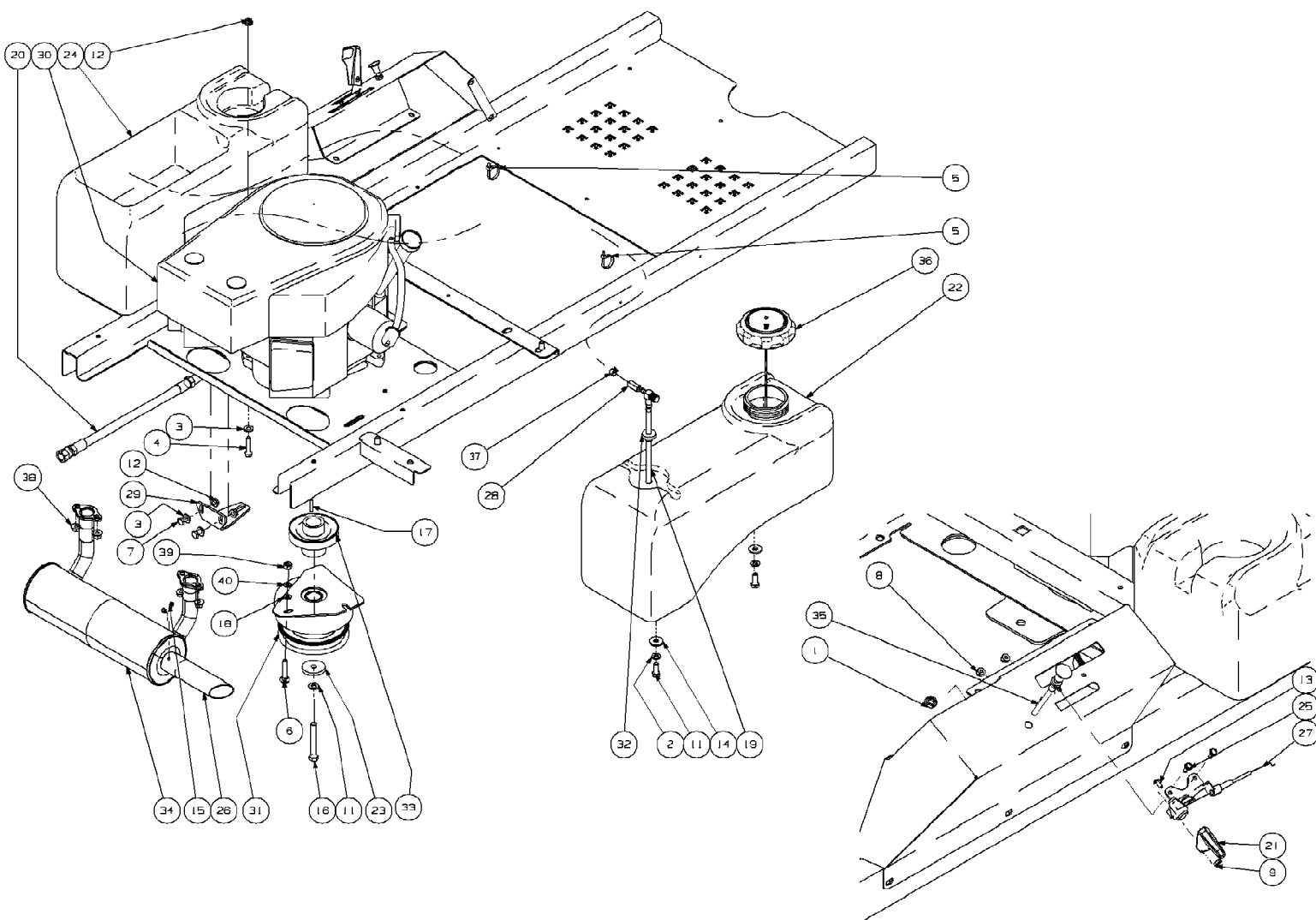
Z-Force 60 KW 17AI3AGJ
Electrical Assembly Kawasaki

Page 25 of 53

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	00012165	2		Nylock Nut, 5/16-18
5	00013131	2		Hex Cap Screw, 1/4-20 x .75
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
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
24	02002990	1		Harness Assembly (not shown)
25	02003038	2		Electrical Conduit Clip, 3/8
26	02003415	1		Harness Assembly Adaptor
27	02003567	1	S	Brake Switch Mounting Bracket
28	02003926	1		Bracket, Safety Switch, Right Hand
29	02003927	1		Bracket, Safety Switch, Left Hand

Z-Force 60 KW 17AI3AGJ
Engine Assembly 23HP Kawasaki

Page 26 of 53



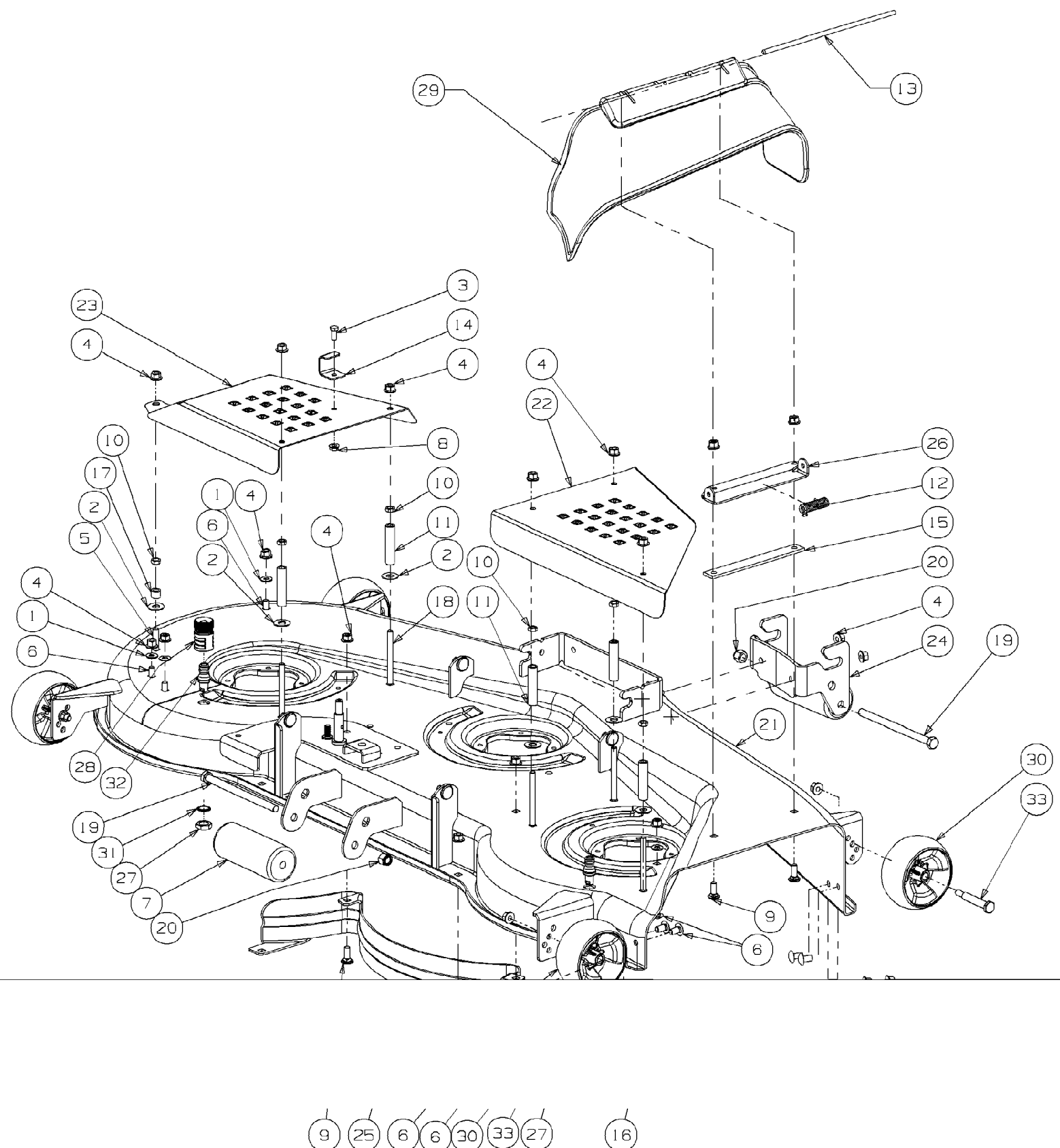
Z-Force 60 KW 17AI3AGJ
Engine Assembly 23HP Kawasaki

Page 27 of 53

Ref #	Part Number	Qty	S/P/F	Description
1	00011453	1		Hex Jam Nut, 3/8-24
2	00012157	8	S	Lock Washer, 3/8 Zinc
3	00012169	6		Flat Washer, 5/16
4	00006129	4		Hex Cap Screw, 5/16-18 x 1-3/4
5	00012470	2	S	Cable Tie, 3/16 x .05 x 7.4
6	01000956	1	S	Carriage Bolt, 5/16-18 x 1.75
7	00013406	2		Hex Cap Screw, 5/16-18 x .75
8	00014608	2	/P	Lock Nut, Nylon Insert, 10-32
9	00060056	1		Nut, w/ Star Washer
10	01000368	8	S	Hex Cap Screw, 3/8-16 x .88
11	01000389	1	S	Lock Washer, 7/16
12	01000635	6	S	Lock Nut, Hex Flange, 5/16-18
13	01000721	1	S	Machine Screw, 8-32 x .375
14	00083192	8		Flat Washer, .390 ID x 1.0 OD x .180
15	01000811	2	S	Screw, 8-32 x .375, Hex Washer
16	01000813	1	S	Hex Cap Screw, 7/16-20 x 3.00
17	00021517	1		Key, .25 x .25 x 2.00
18	01002710	1		Washer, 3/8 x .738 x .063
19	01003116	1		Fuel Pickup Fitting
20	01003283	1		Oil Drain Extension Hose
21	01004004	1	S	Throttle Control Knob
22	01004350	1		Fuel Tank
23	01005314	1	S	Flat Washer, 7/16 ID x 1.75 OD x .250
24	01008138	1	S	Utility Bin
25	01008531	2	S	Screw, #10-32 x 0.500
26	01008623	1		Exhaust Pipe
27	02000477	1		Throttle Control Cable
28		1		Hose, 1/4" Fuel Line Purchase locally
29	02001994	1	S	Clutch Retainer Assembly
30	02001993	1	S	23HP Kawasaki Engine
31	02002160	1	S	Electric Clutch
32	02002253	1	/P	Fuel Tank Grommet
33	02003418	1		Transmission Drive Pulley
34	02003472	1		Kawasaki Muffler
35	02003479	1	S	Choke Cable
36	02003809	1	S	Fuel Cap
37	01000215	1		Hose Clamp
38	02003984	4		Nut, M8-1.25, Hex Flange
39	00012166	1		Hex Nut, 5/16-18
40	00012168	1		Lock Washer, 5/16

Z-Force 60 KW 17AI3AGJ
Formed Cutter Deck 60

Page 28 of 53



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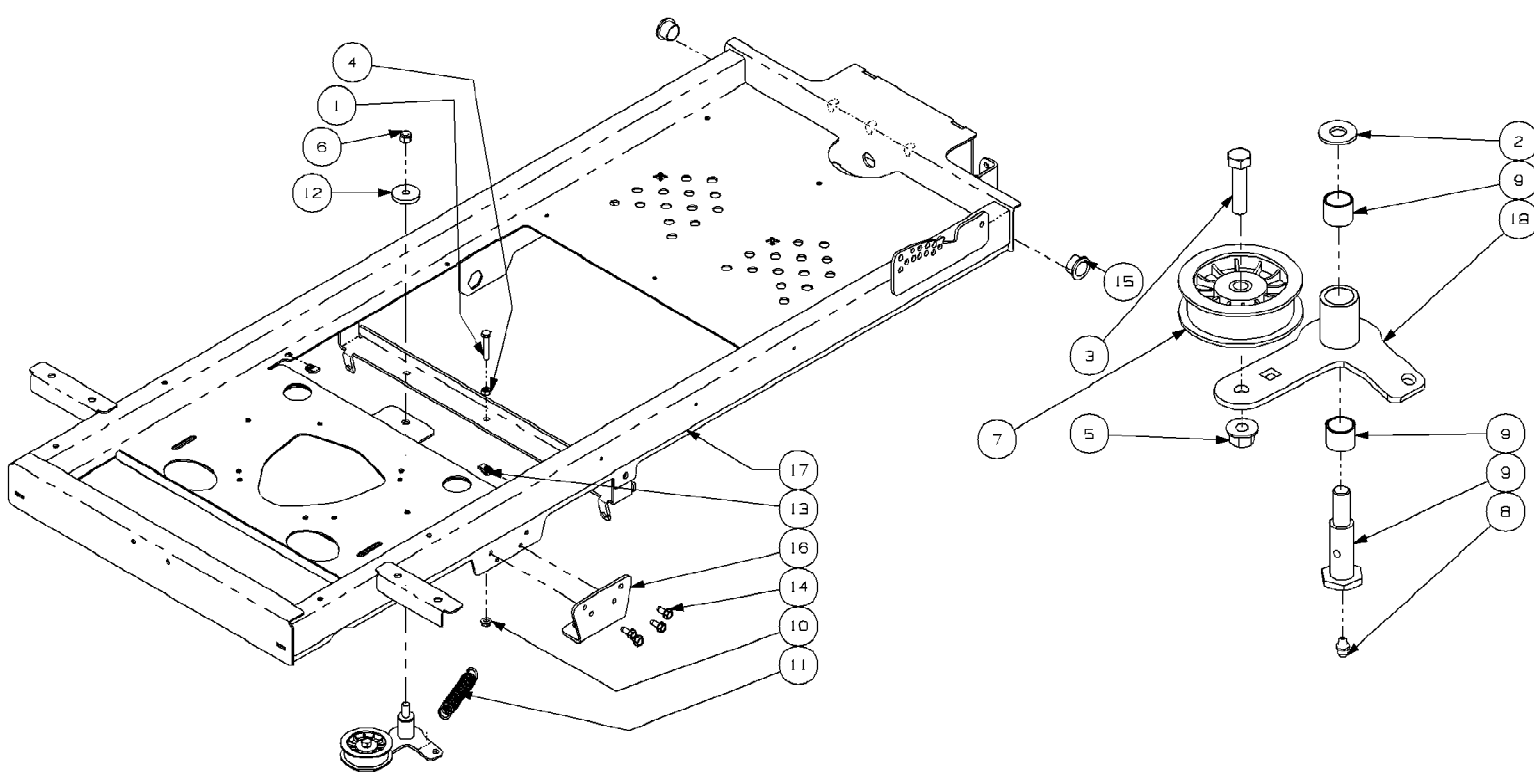
Z-Force 60 KW 17AI3AGJ
Formed Cutter Deck 60

Page 29 of 53

Ref #	Part Number	Qty	S/P/F	Description
1	00012158	4		Flat Washer, 3/8
2	00012577	6		Washer, 1/2 Zinc
3	00013406	1		Hex Cap Screw 5/16-18 x .75
4	00022560	25		Hex Nut, 3/8-16, Flange Lock
5	00030276	1		Hex Carriage Screw, 3/8-16, 1.50
6	01000372	12	S	Carriage Bolt 3/8-16 x .75
7	01000385	2	S	Front Roller
8	01000635	1	S	Lock Nut 5/16-18 Hex Flange
9	01000643	3		Carriage Bolt, 3/8-16 x 1.00
10	01002511	6		Nut, 3/8-16, Jam
11	01003245	5		Spacer, .39 ID x .625 OD x 2.75
12	01003253	1	S	Torsion Spring
13	01003254	1	S	Chute Deflector Rod
14	01004109	1	/P	Bracket Stop Tension Rod
15	01004864	1		Strip Spacer, 0.1875 Thick
16	01005594	1		Finger Guard Assembly
17	01007312	1		Spacer, .625 OD x .385 ID x 1/2
18	01008049	5		Carriage Bolt, 3/8-16 x 4.00
19	01006961	2		Hex Cap Screw, 1/2-20 x 7.50
20	02002299	2		Nut, 1/2-20, Lock
21	02003090	1	S	Deck Assembly 60"
22	02003076	1		Belt Cover 60 Right Hand
23	02003078	1		Belt Cover 60 Left Hand
24	01004852	1	S	Front Roller Bracket
25	01004856	1	S	Deck Baffle
26	01004857	1		Chute Deflector Bracket
27	712-0641	2	S	Hex Nut, M16-1.5
28	721-04041	1	S	Water Nozzle Adaptor
29	731-3257	1	/P	Chute Deflector
30	734-04155	4		Deck Wheel, 5.00 Dia.
31	736-0760	2	S	Lock Washer, 17 x 23.8 x 1.9
32	737-04003B	2	S	Nozzle, Deck Water
33	738-3056	4	S	Shoulder Screw .498 x 1.53

Z-Force 60 KW 17AI3AGJ
Frame

Page 30 of 53



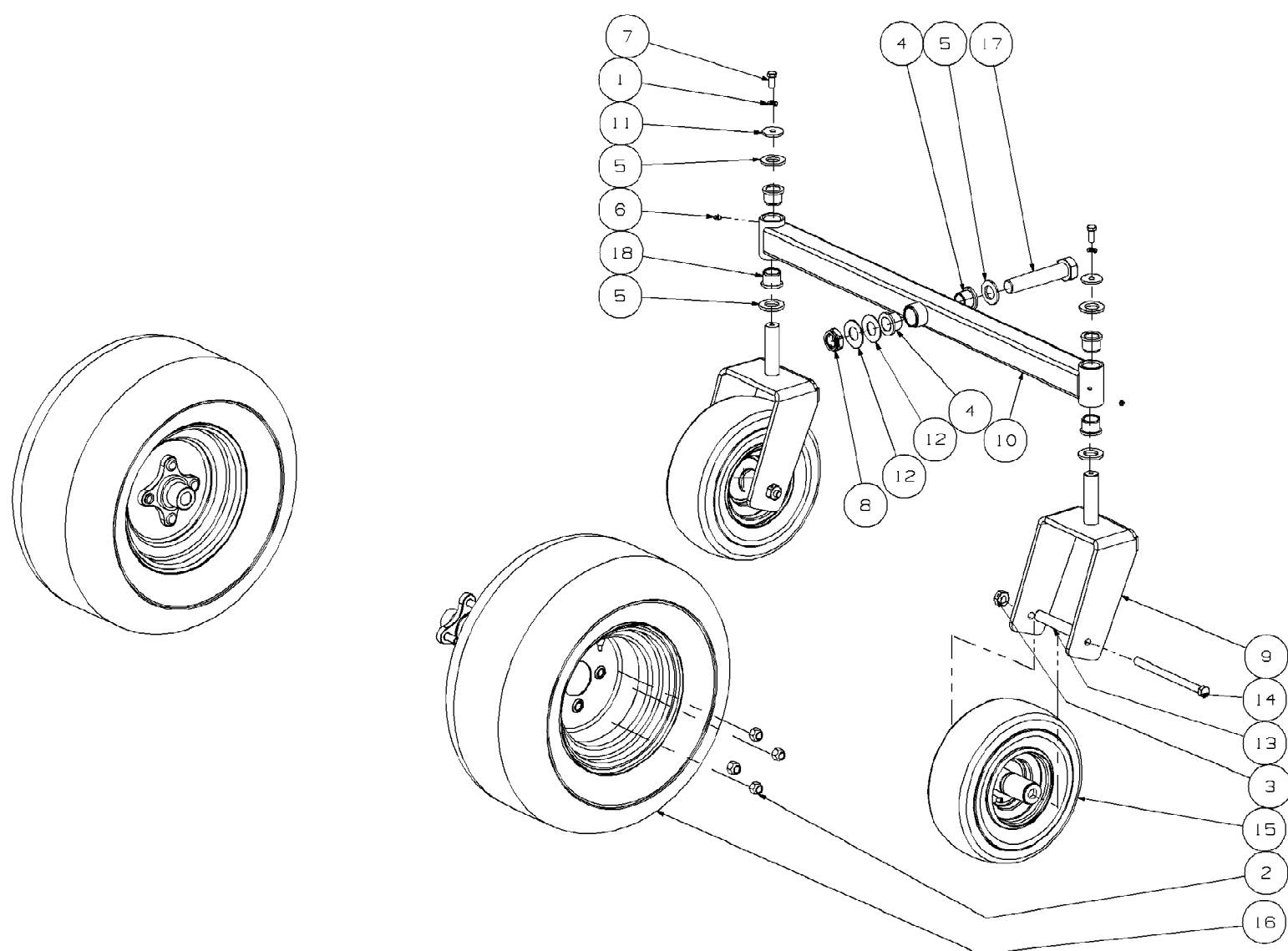
Z-Force 60 KW 17AI3AGJ
Frame

Page 31 of 53

Ref #	Part Number	Qty	S/P/F	Description
1	00006129	1		Hex Cap Screw, 5/16-18 x 1-3/4
2	00006168	1		Flat Washer, 3/8 zinc
3	00011438	1		Hex Cap Screw, 3/8-16 x 1-1/2
4	00012166	1		Hex Nut, 5/16-18
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	01000635	9	S	Nut, 5/16-18, Hexflange Lock
11	01002874	1		Extension Spring, .865 OD x 4.68 lg
12	01003269	1		Flat Washer, 7/16 ID x 1.75 OD
13	01008539	2	S	U-Nut, 1/4-20
14	01008620	8		Self Tapping Screw 5/16-18 x .750
15	02002628	2		Bronze Bushing, .875 ID x 1.50 OD
16	02002670	2	S	Transmission Mounting Bracket
17	02002672	1		Frame Assembly Weldment
18	02003641	1		Idler Arm Assembly includes:
	01000308	2		Bearing Sleeve

Z-Force 60 KW 17AI3AGJ
Front Caster & Tire Assembly 60 inch

Page 32 of 53



Z-Force 60 KW 17AI3AGJ
Front Caster & Tire Assembly 60 inch

Page 33 of 53

Ref #	Part Number	Qty	S/P/F	Description
1	00012157	2	S	Lock Washer, 3/8 Zinc
2	00012187	8		Lug Nut, 1/2-20
3	02002299	2		Lock Nut, Nylon insert, 1/2-20
4	02003599	2	S	Flange Bearing, 1.001 ID
5	00023822	5		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	01007364	2	S	Castor Wheel Mounting Bracket
10	02000616	1	S	Front Axle Assembly
11	01009253	2		Flat Washer, .390 x 1.5 x .134
12	02000588	2		Flat Washer, 1.00 ID x 2.25 OD x .075
13	02002153	2	/P	Spacer, .54 ID x .75 OD x 5.925 Lg
14	01006961	2		Hex Cap Screw, 1/2-20 x 7.50
15	02002956	2		Wheel Assembly 11 x 6.00 - 5, Beige
16	02003490	2		WHEEL Assembly 20 x 10.00 - 10
17	02003804	1		Hex Cap Screw, 1-14 x 5.5
18	731-0374	4	S	Flange Bearing, 1.0 ID

Z-Force 60 KW 17AI3AGJ
Fuel Tank Fuel Valve

Page 35 of 53

Ref #	Part Number	Qty	S/P/F	Description
23062	KM-23062-7004-9H	1		BRACKET-COMP
49019	KM-49019-7001	1	S	FILTER-FUEL
49040B	KM-49040-7001	1	/P	PUMP-FUEL
92170	KM-92170-2088	4		CLAMP
92170A	KM-92170-7003	1		CLAMP
92191	KM-92191-7003	1		TUBE,6.35X12.7X160
92191E	KM-92191-7017	1	/P	TUBE
92191H	KM-92191-7027	1	/P	TUBE
130	KM-130B0616	2	S	BOLT-FLANGED
130A	KM-130B0620	2	S	BOLT-FLANGED

56080



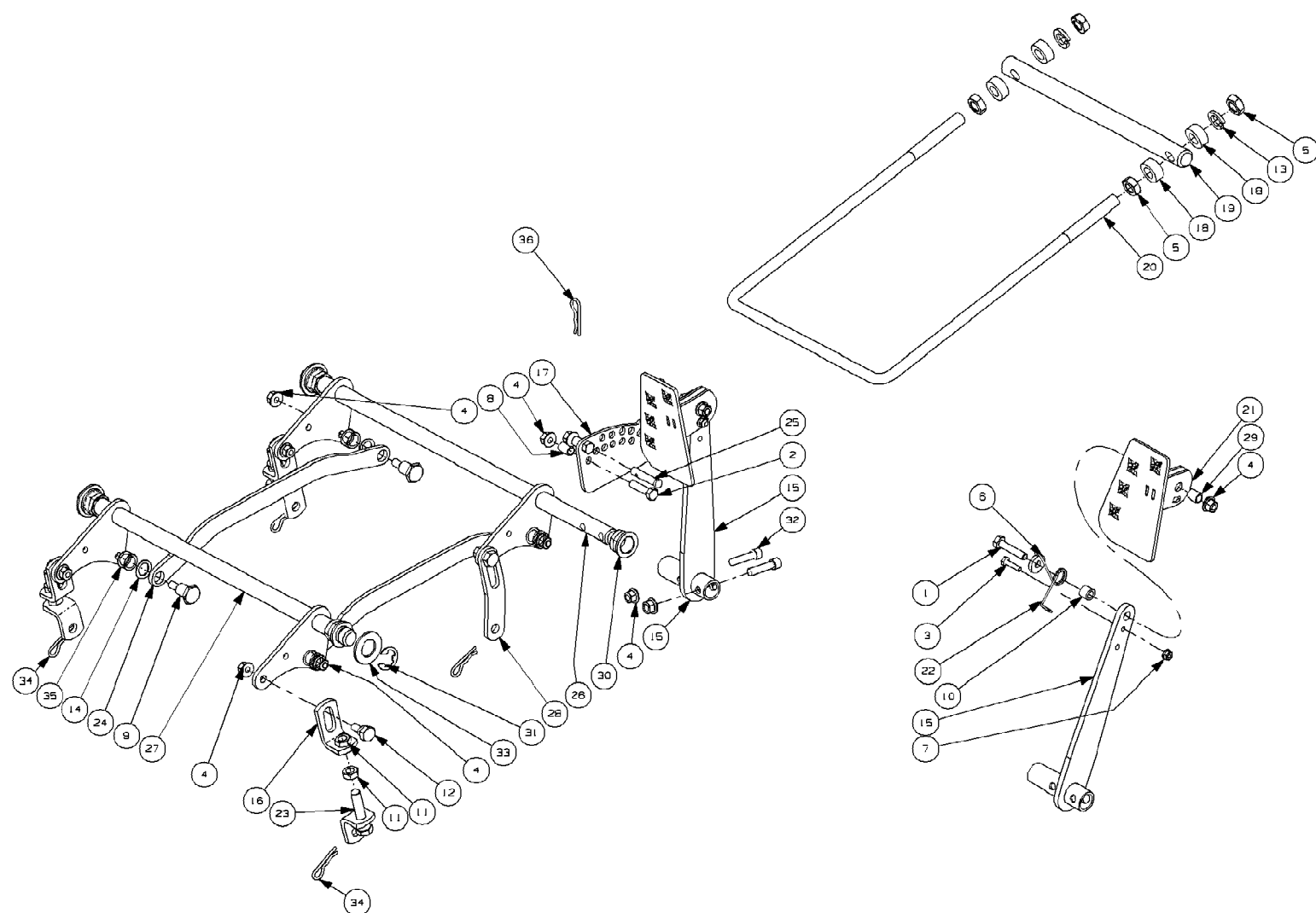
Z-Force 60 KW 17AI3AGJ
Label

Page 37 of 53

Ref #	Part Number	Qty	S/P/F	Description
56080	KM-56080-7009	1	S	LABEL-BRAND

Z-Force 60 KW 17AI3AGJ
Lift

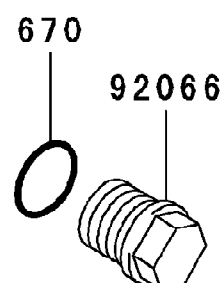
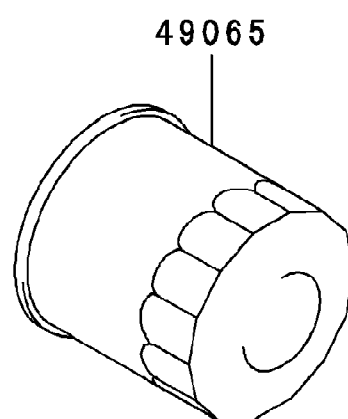
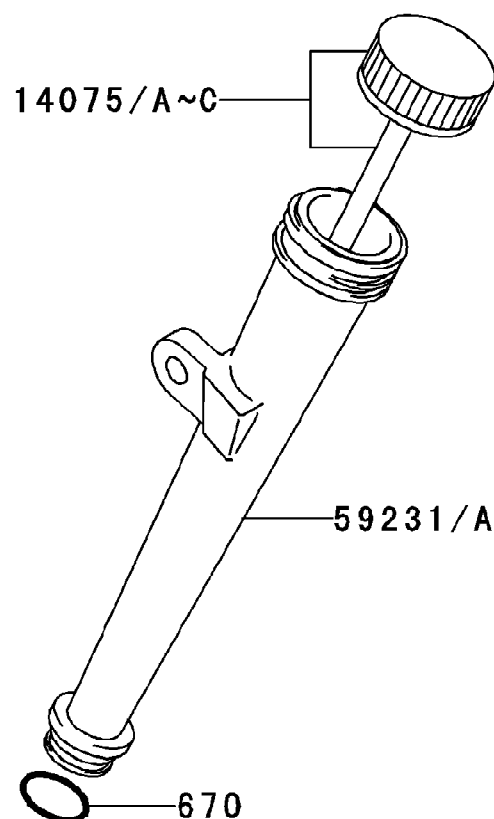
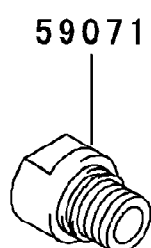
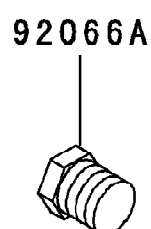
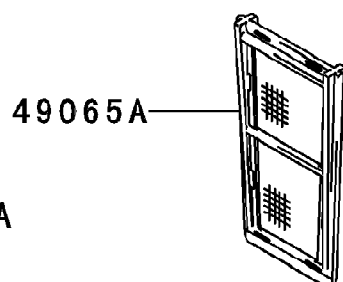
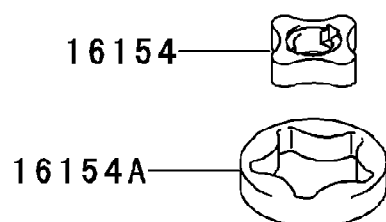
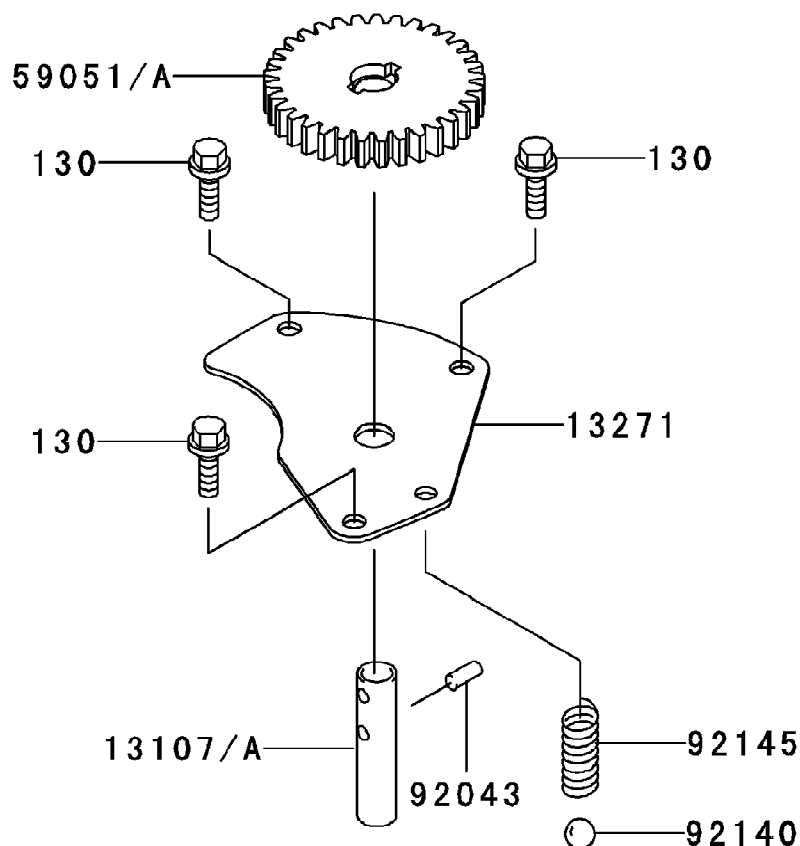
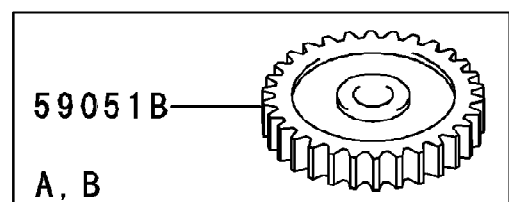
Page 38 of 53



Z-Force 60 KW 17AI3AGJ
Lift

Page 39 of 53

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	00035632	4	S	Jam Nut, 5/8-11
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	02002377	1	S	Foot Lift Pivot Assembly
16	02002382	3		Deck Lift Bracket
17	02002612	1		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	02002881	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	750-0547	4		Spacer, .628 ID x .875 OD x .500
36	00021956	1		Hair Pin



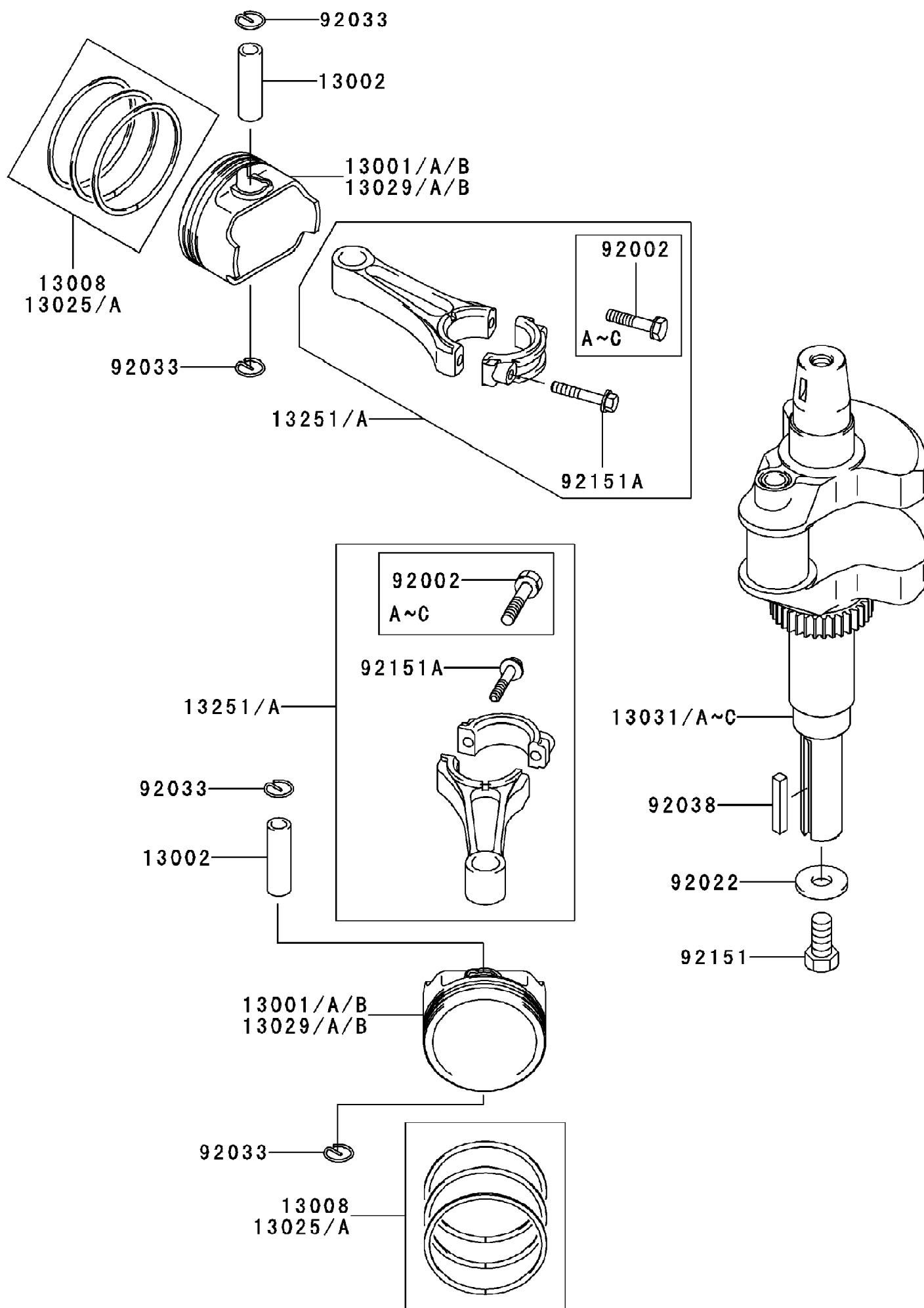
Z-Force 60 KW 17AI3AGJ
Lubrication Equipment

Page 41 of 53

Ref #	Part Number	Qty	S/P/F	Description
130	KM-130B0612	3	S	BOLT-FLANGED
670	KM-670D2016	3		O RING,16MM
13271	KM-13271-7005	1		PLATE
16154	KM-16154-2053	1		ROTOR-PUMP,IN
49065	KM-49065-2078	1	S	FILTER-OIL
59071	KM-59071-7004	1		JOINT
92043	KM-92043-7003	2		PIN
92066	KM-92066-7003	1		PLUG
92140	KM-92140-7003	1		BALL
92145	KM-92145-7002	1		SPRING
13107A	KM-13107-7009	1		SHAFT
14075A	KM-14075-7002	*	S	CAP-ASSY
14075B	KM-14075-7004	*	S	CAP-ASSY
14075C	KM-14075-7008	1	/P	CAP-ASSY
16154A	KM-16154-2054	1		ROTOR-PUMP,OUT
49065A	KM-49065-7003	1		FILTER-OIL
59051A	KM-59051-7004	1		GEAR-SPUR
59051B	KM-59051-7011	1		GEAR-SPUR
59231A	KM-59231-7002	1	S	FILLER
92066A	KM-92066-7006	1		PLUG

Z-Force 60 KW 17AI3AGJ
Piston Crankshaft

Page 42 of 53



Z-Force 60 KW 17AI3AGJ
Piston Crankshaft

Page 43 of 53

Ref #	Part Number	Qty	S/P/F	Description
13001A	KM-13001-7007	2		PISTON-ENGINE
13002	KM-13002-7001	2		PIN-PISTON
13008	KM-13008-6058	2		RING-SET-PISTON
13025	KM-13025-7002	AR		RING-SET-PISTON L,0.50
13029A	KM-13029-7003	AR		PISTON-ENGINE L,0.50
13031C	KM-13031-7027	1		CRANKSHAFT-COMP
13251	KM-13251-7005	2	S	ROD-ASSY-CONNECTING
92022	KM-92022-1982	1		WASHER,12.5X32X3.2
92033	KM-92033-7005	4		RING-SNAP
92038	KM-92038-2101	1		KEY
92151	KM-92151-7010	1		BOLT,7/16-20UNF
92151A	KM-92151-7017	4		BOLT,6X35



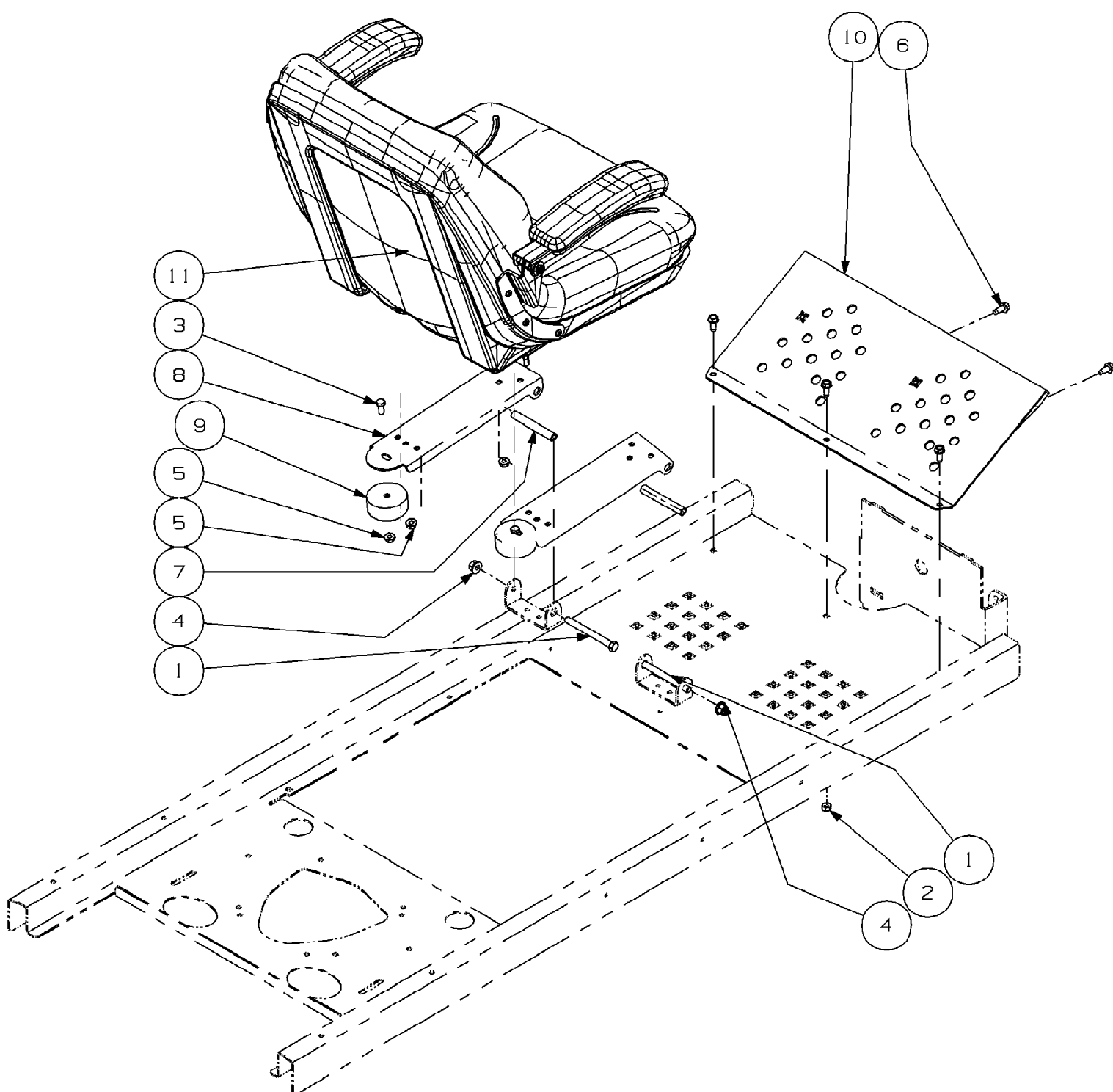
Z-Force 60 KW 17AI3AGJ
Quick Reference I3AGJ

Page 45 of 53

Ref #	Part Number	Qty	S/P/F	Description
	KM-BPR4ES	1	/P	Spark Plug
	N/A	1		Air Filter & Pre-Cleaner
	KM-11013-7009	1		Pre Filter
	KM-11013-7024	1	/P	Air Filter
	KM-49065-2078	1	S	Oil Filter
	KM-49019-7001	1	S	Fuel Filter
	KM-21171-7013	1	S	Ignition Module
	KM-21066-7011	1	/P	Voltage Regulator
	KM-49040-7001	1	/P	Fuel Pump
	N/A	1		Carb Kit
	KM-21188-7003	1		Carburetor Solenoid
	02002648	1		Drive Belt (Trans)
	01005011	1	/P	P.T.O. Belt
	01004752	1	/P	Deck Belt
	01004719	1	S	Blades
	02000402	1		Blade Nut
	618-04426	1	S	Spindle Housing with bearings and seals
	01008542	1		Spindle Bolt (Center)
	01006590	1		Spindle Bolt (Outside)
	734-04155	1		Deck Wheels
	731-3005	1	/P	Roller (Front & or Back)
	721-04041	1	S	Water Nozzle Adapter
	02003809	1	S	Fuel Cap
	01003581P	1	/P	Ignition Switch Module
	01003277	1		Seat Switch
	02000024P	1	/P	Brake Switch
	01001717	1		Reverse Switch
	01002111	1		P.T.O. Switch
	02002160	1	S	P.T.O. Clutch
	737-3029	1	/P	Engine Oil
	02002058	1		Transmission Fluid

Z-Force 60 KW 17AI3AGJ
Seat

Page 46 of 53



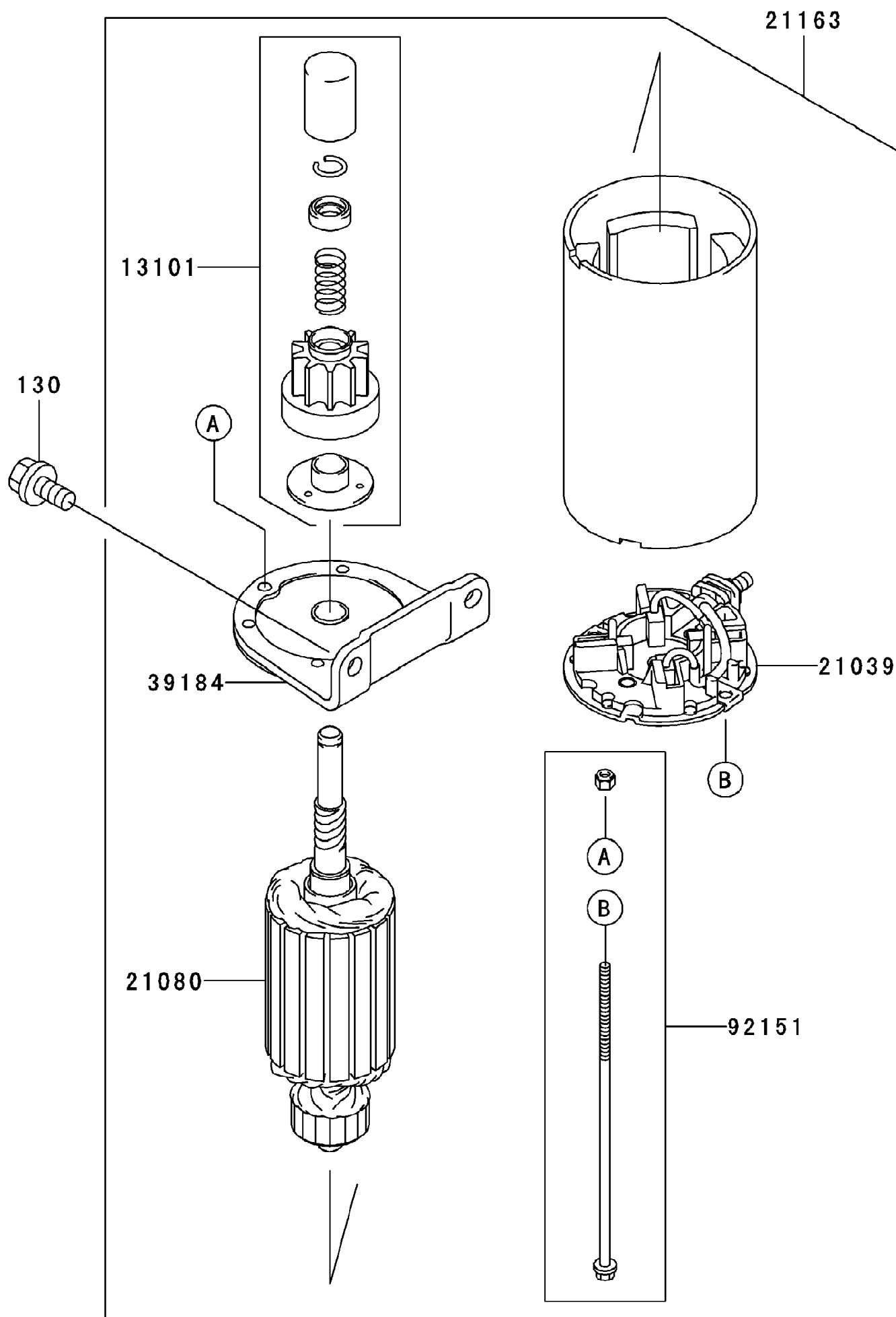
Z-Force 60 KW 17AI3AGJ
Seat

Page 47 of 53

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	02002747	2	S	Seat Mounting Bracket
9	02002952	2		Bumper, 2.50 OD x 1.13 Long
10	02002961	1	S	Foot Rest Bracket
11	02002975	1	S	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 60 KW 17AI3AGJ
Starter

Page 48 of 53



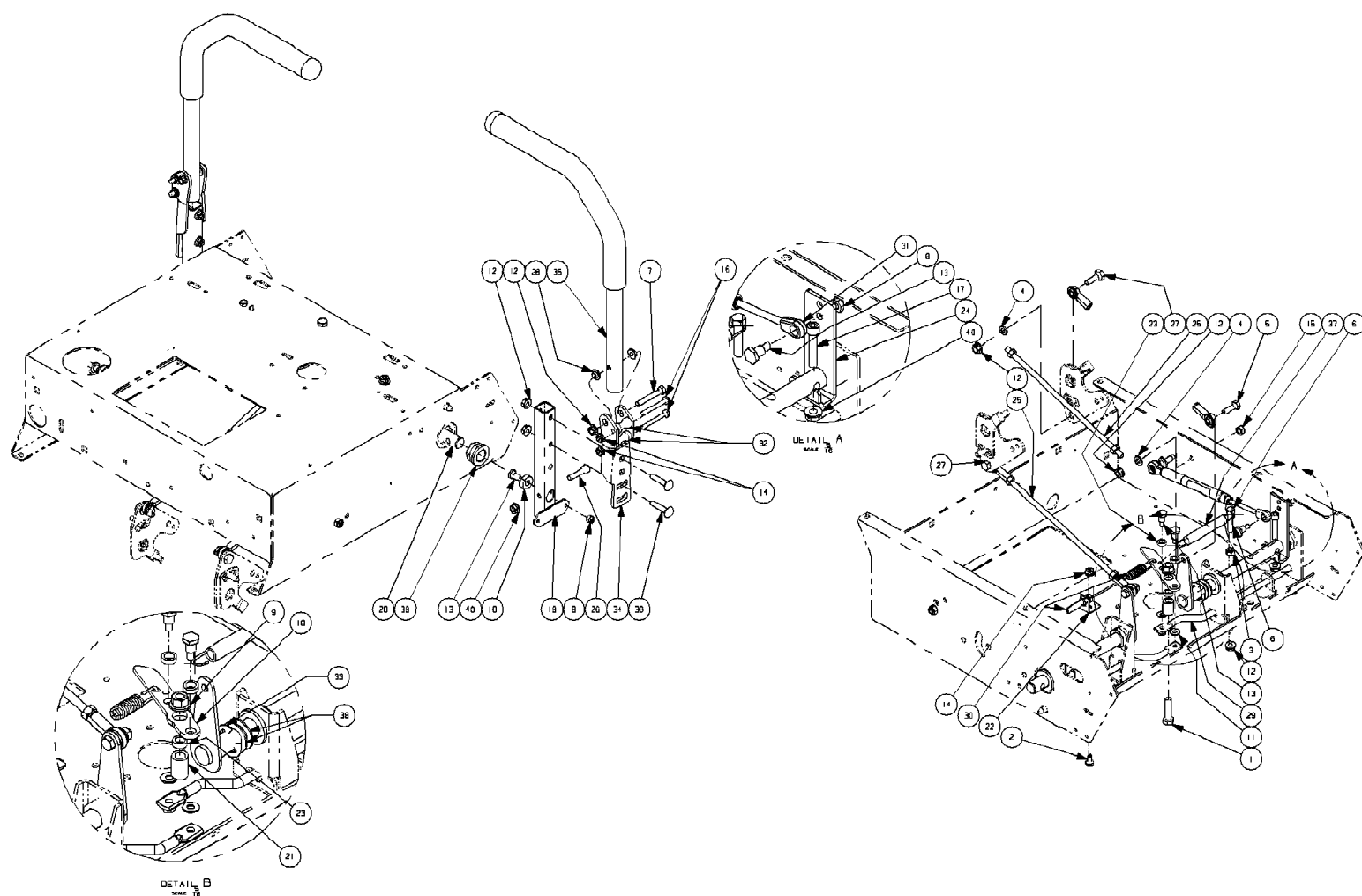
Z-Force 60 KW 17AI3AGJ
Starter

Page 49 of 53

Ref #	Part Number	Qty	S/P/F	Description
13101	KM-13101-7001	1		GEAR-ASSY
21039	KM-21039-7001	1	S	BRUSH
21080	KM-21080-7001	1		ARMATURE
21163	KM-21163-7001	1	S	STARTER-ELECTRIC
39184	KM-39184-7001	1	S	BRACKET-ASSY
92151	KM-92151-7013	1		BOLT
130	KM-130B0816	2	S	BOLT-FLANGED

Z-Force 60 KW 17AI3AGJ
Steering Assembly

Page 50 of 53



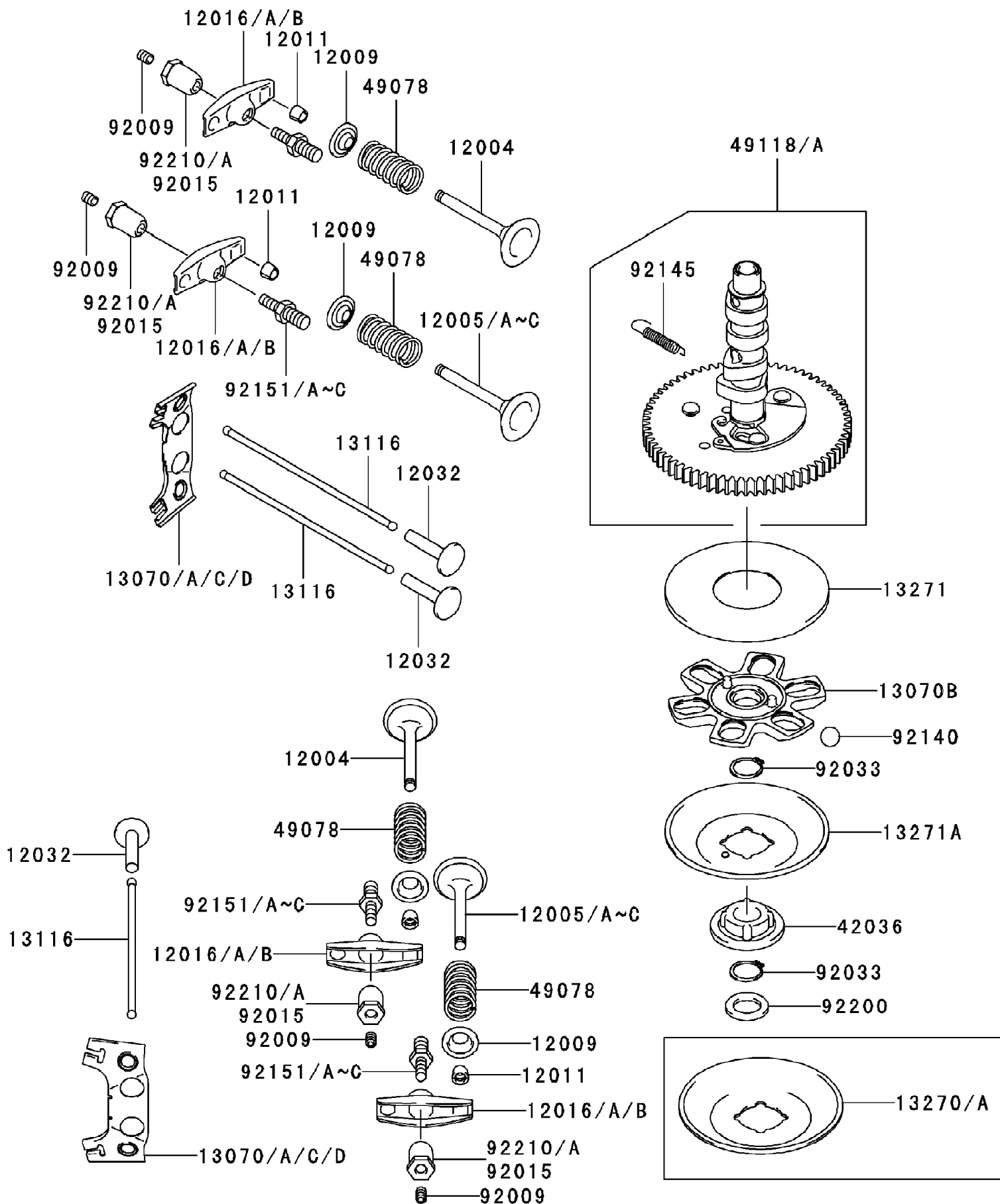
Z-Force 60 KW 17AI3AGJ
Steering Assembly

Page 51 of 53

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	00012166	1		Hex Nut, 5/16-18
4	00012169	4		Flat Washer, 5/16
5	00012180	2		Hex Head Cap Screw, 5/16-18 x 1.00
6	00012382	1		Hex Cap Screw, 5/16-18 x 1-1/2
7	00013198	2		Hex Cap Screw, 5/16-18 x 2.00
8	00014081	4	S	Nut, 1/4-28, SS, Nylon Insert
9	00022560	1		Nut, Flange Lock, 3/8-16
10	00071691	2		Control Rod Spacer
11	01000600	2	S	Flat Washer, 1.4 x .630 x .0515
12	01000635	11	S	Nut, 5/16-18, Lock
13	01001919	6		Shoulder Screw, 1/4-28
14	01002766	6	S	Nut, 1/4-20, Hex Flange Lock Nut
15	01003561	2		Nut, Hex, Center Lock, M8
16	01006898	4		Hex Cap Screw, 1/4-20 x 2.00
17	01008600	2		Capscrew, 5/16-18 x 1.50, Socket Head
18	02002684	1		Brake Lever Plate
19	02002688	2	S	Pivot Bracket Weldment
20	02002723	2		Steering Input Shaft Assembly
21	02002844	1		Spacer, .385 ID x .625 OD x .869
22	02002864	1		Brake Cable Mounting Bracket
23	02002885	3		Spacer, .380 x .563 x .196
24	02002908	2		Damper Mounting Bracket
25	02002992	2		Steering Link Rod
26	02002994	2		Socket Head Capscrew, 5/16-18 x 1.25
27	02003041	2		Shoulder Bolt, .4375 x .1345 x 1.00
28	02003419	4		Bushing, .310 x .172 x .688 x .06
29	02003560	2		Control Lock Rod
30	02003568	1		Control Cable Lock Out
31	02003622	2		Cylinder Return to Neutral
32	02003644	4		Spacer, .25 ID x .38 OD x 1.13
33	02003716	2		Retainer Ring, E-Clip
34	02003854	2	S	Lapbar Pivot Bracket
35	02003855	2	/P	Lapbar Assembly includes:
35	02003857	1	S	Control Handle Pivot Tube not shown
35	02002662	1		Grip, 1.0 not shown
36	710-0262	4	/P	Carriage Bolt, 5/16-18 x 1.50
37	732-0470A	1	S	Extension Spring, .53 OD x 4.7
38	736-0287	4	S	Flat Washer, .793 ID x 1.24 OD x .060
39	741-0598	4	S	Hex Flange Bearing, .752 ID
40	00012165	4		Nylock Nut, 5/16-18

Z-Force 60 KW 17AI3AGJ
Valve Camshaft

Page 52 of 53



Z-Force 60 KW 17AI3AGJ
Valve Camshaft

Page 53 of 53

Ref #	Part Number	Qty	S/P/F	Description
12004	KM-12004-7002	2		VALVE-INTAKE
12005B	KM-12005-7004	2	/P	VALVE-EXHAUST
12009	KM-12009-7001	4		RETAINER-VALVE SPRING
12011	KM-12011-2056	8		COLLET
12016B	KM-12016-7006	4	S	ARM-ROCKER
12032	KM-12032-7001	4		TAPPET
13070B	KM-070-7004	1		GUIDE
13070C	KM-070-7007	2		GUIDE
13116	KM-116-7002	4		ROD-PUSH
13270A	KM-270-7002	*		PLATE
13271	KM-271-7007	1		PLATE
13271A	KM-271-7021	1		PLATE,GOVERNOR
42036	KM-42036-7001	1	S	SLEEVE
49078	KM-49078-7002	4		SPRING-ENGINE VALVE
49118A	KM-49118-7007	1	S	CAMSHAFT-COMP
92009	KM-92009-2341	4		SCREW
92015	KM-92015-2253	4		NUT
92033	KM-92033-7001	2		RING-SNAP
92140	KM-92140-7002	6	S	BALL
92145	KM-92145-7001	1		SPRING
92151B	KM-92151-7019	4	S	BOLT
92200	KM-92200-7001	1		WASHER