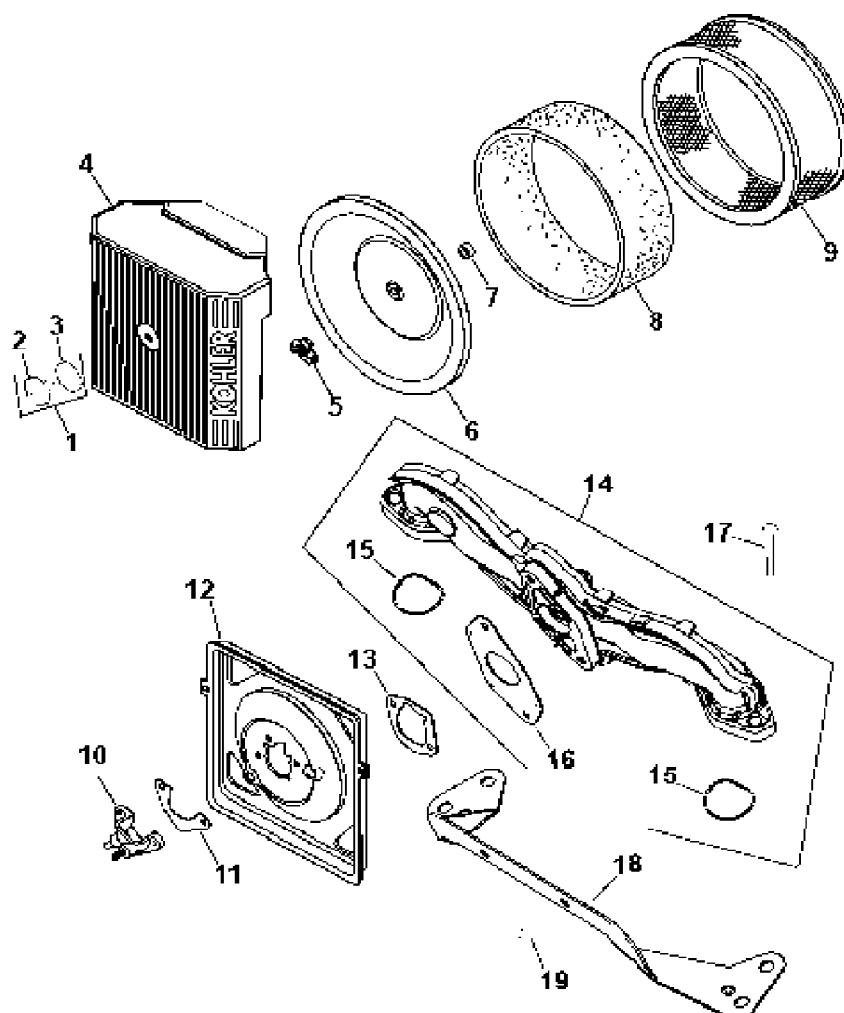


Z-Force 50 53AA5B7P
Air Intake and Filtration

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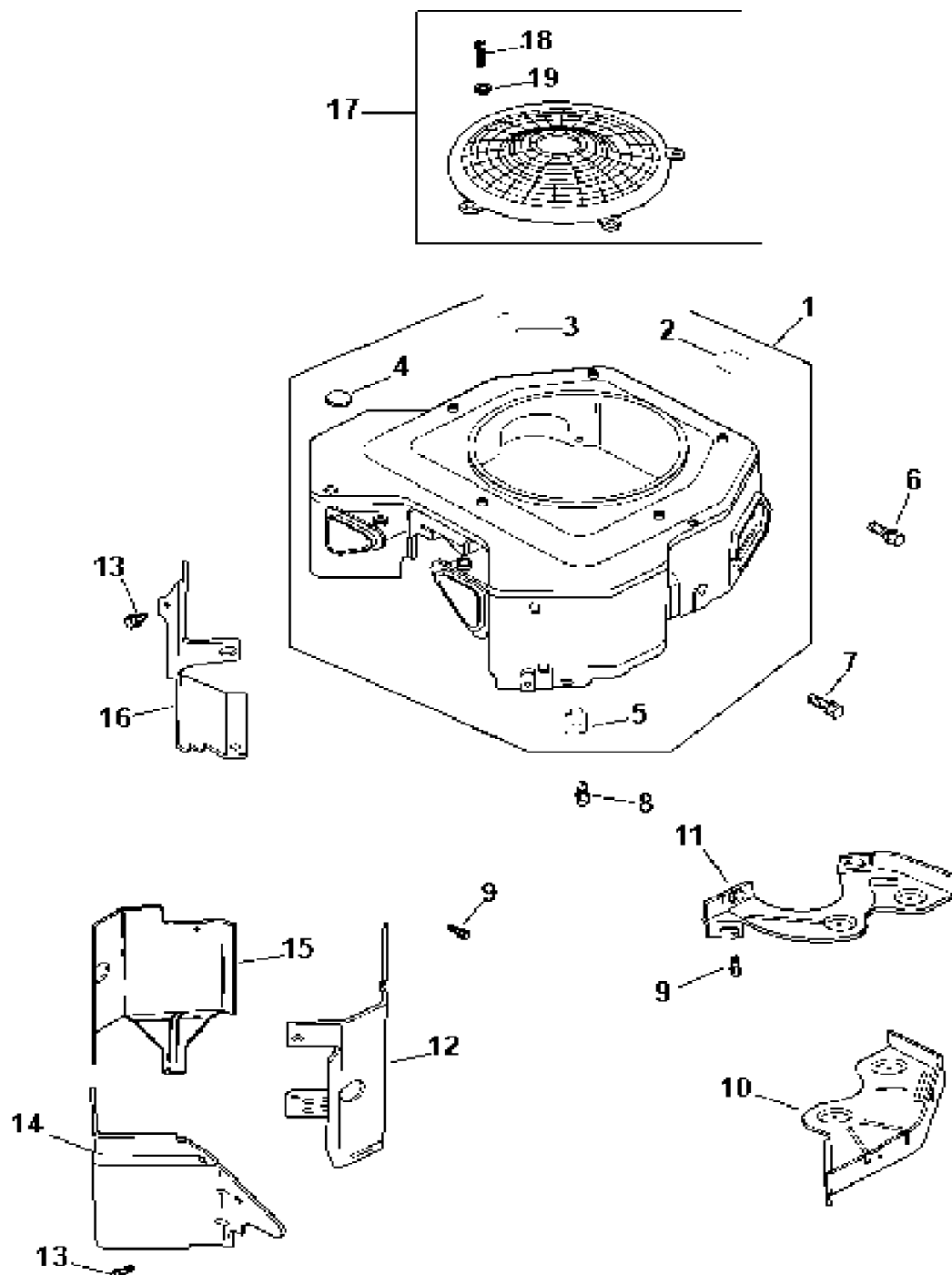
Z-Force 50 53AA5B7P
Air Intake and Filtration

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Ref #	Part Number	Qty	S/P/F	Description
1	KH-54-755-01-S	1	/P	Knob With Seal Kit
2	KH-25-341-04-S	1	/P	Cover Knob
3	KH-24-153-20-S	1		O-Ring
4	KH-24-096-70-S	1	/P	Air Cleaner Cover
5	KH-12-100-01	1	/P	Wing Nut
6	KH-24-096-01	1	/P	Inner Air Cleaner Cover
7	KH-231032	1	/P	Inner Air Cleaner Seal
8	KH-24-083-05-S	1	S	Precleaner Element
9	KH-24-083-03-S	1	S	Air Cleaner Element
10	KH-24-109-25-S	1	/P	Spit Back Cup w/Stud
11	KH-24-041-13-S	1		Spit Back Cup Gasket
12	KH-24-094-34-S	1		Air Cleaner Base
13	KH-24-041-14	1	/P	Air Cleaner Gasket
14	KH-24-164-51-S	1	S	Intake Manifold
15	KH-24-153-27-S	2	/P	Intake Port O-Ring
16	KH-24-041-52-S	1	/P	Carburetor Gasket
17	KH-M-651040-S	4		Hex Flange Screw (M6 x 1.0 x 40)
18	KH-24-126-130-S	1		Air Cleaner Bracket
19	KH-M-0545010	2	/P	Hex Flange Screw (M5 x .8 x 10)

Z-Force 50 53AA5B7P
Blower Housing and Baffles

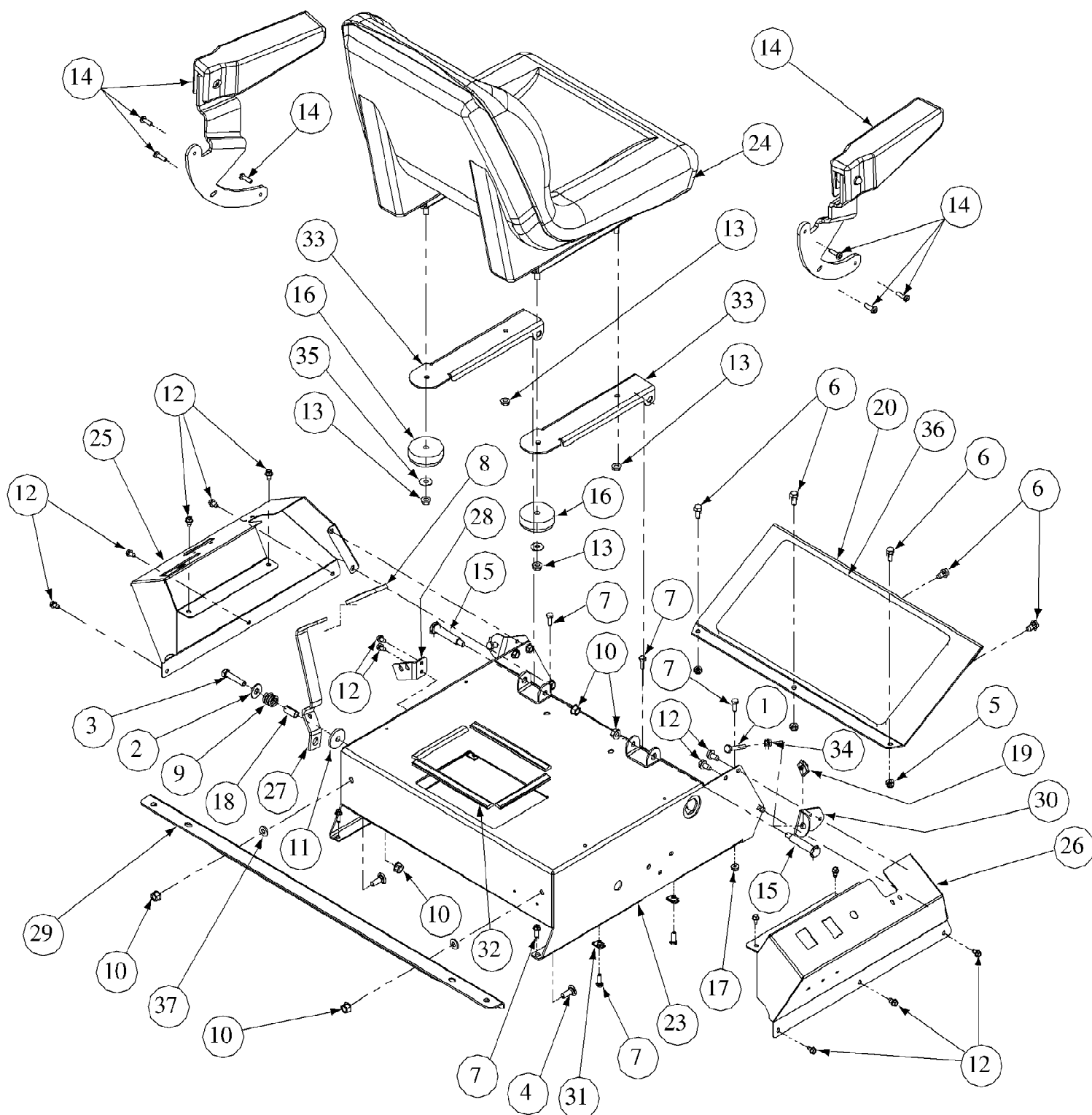
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Z-Force 50 53AA5B7P
Blower Housing and Baffles

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Ref #	Part Number	Qty	S/P/F	Description
1	KH-24-027-196-S	1		Blower Housing
2	KH-24-100-01	3		Plastic Nut
3	KH-25-086-91-S	1	/P	Tapping Screw
4	KH-25-139-16	1		9/16" Button Plug
5	KH-24-100-02	2		Plastic Nut
6	KH-M-545016-S	3	/P	Screw
7	KH-M-551016-S	1		Screw
8	KH-M-545020-S	2		Screw
9	KH-M-645016-S	4	/P	Screw
10	KH-24-146-16-S	1	/P	Backing Plate # 2
11	KH-24-146-20-S	1	/P	Backing Plate # 1
12	KH-24-063-20	1	/P	Cylinder Barrel Baffle # 2 Side
13	KH-M-0545010	2	/P	Screw
14	KH-24-063-69-S	1		Valley Baffle # 2 Side
15	KH-24-063-58-S	1	S	Cylinder Barrel Baffle # 1 Side
16	KH-24-063-60-S	1		Valley Baffle # 1 Side
17	KH-24-755-81-S	1		Fixed Guard Kit
18	KH-24-086-35-S	5		Pan Head Screw
19	KH-24-468-10	5		Flat Washer
	KH-24-096-85-S	1		Blower Housing Cover (NOT ILLUSTRATED)
	KH-25-086-91-S	1	/P	Tapping Screw (NOT ILLUSTRATED)
	KH-24-332-01-S	3		Threaded Insert (NOT ILLUSTRATED)
	KH-24-113-81-S	1		Decal (NOT ILLUSTRATED)
	KH-24-113-18-S	1		Grass Screen Decal (NOT ILLUSTRATED)
	KH-25-113-39-S	1		Clear Lamination Decal (NOT ILLUSTRATED)



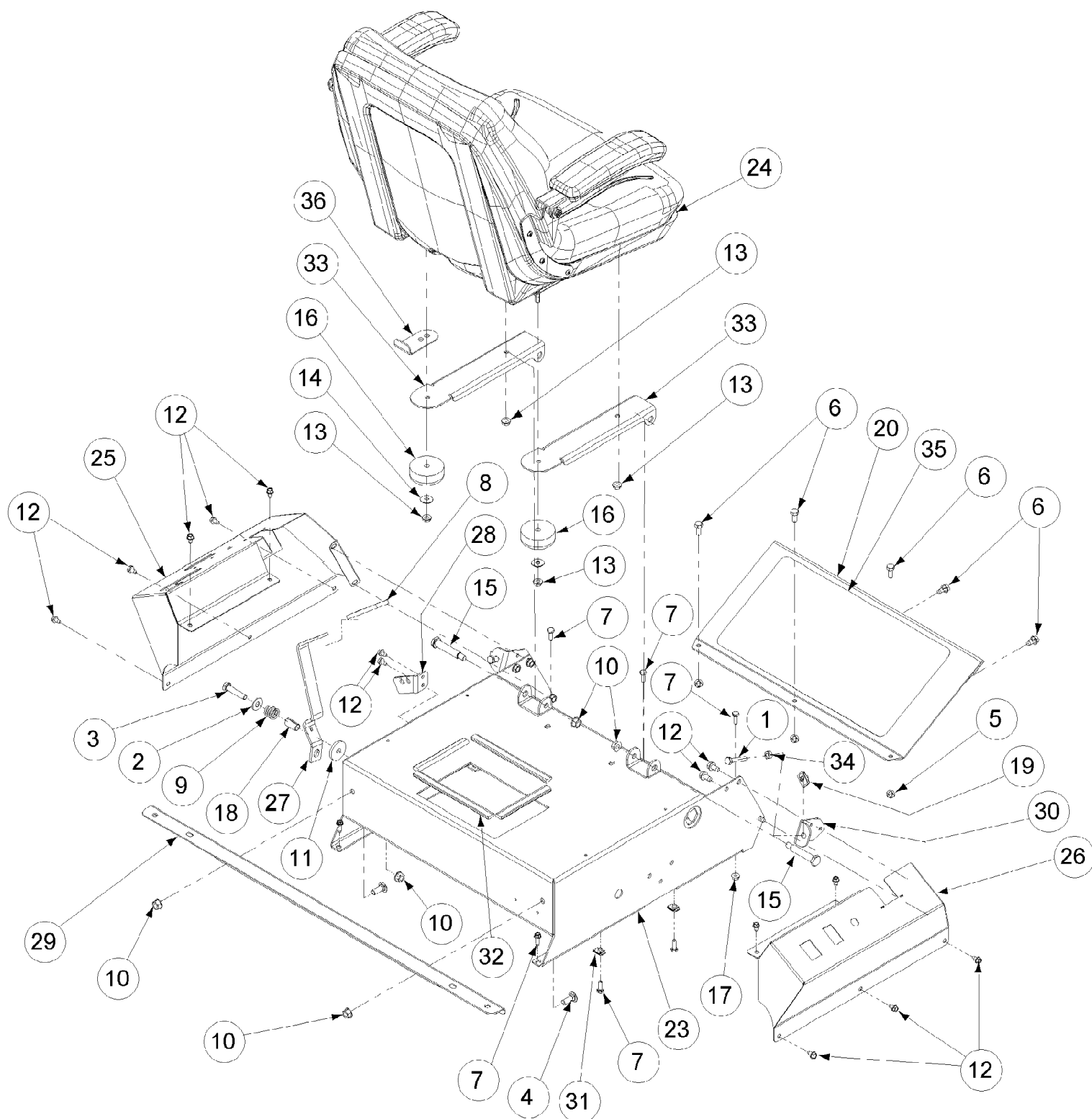
Z-Force 50 53AA5B7P
Control Assembly (2005)

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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 .75
8	00013595	1		Parking Brake Grip
9	00021797	1		Spring, .85 OD x 1 Lg
10	00022560	5		Hex Nut, 3/8-16 Flange Lock
11	00070022	1		Flat Washer, 1.25 x .411 x .100
12	01000628	18	S	Screw, 1/4-20 x 1/2
13	01000635	4	S	Hex Nut, 5/16-18 Flange Lock
14		1		Kit, Armrest (Available through Whole goods)
15	01002634	2		Shoulder Screw, 3/8-16, .5 x 2.345
16	01002753	2		Groment, 2.5 OD x 1.0 Lg
17	01002766	3	S	Hex Nut, 1/4-20 Flange Lock
18	01002772	1	S	Spacer, .375 x .50 x 1.02
19	01003563	2		U-Nut, 5/16-18
20	02000614	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	01010006	1	S	Left Hand Control Console
26	01010007	1	S	Right Hand Control Console
27	02000630	1	/P	Parking Brake Lever
28	01008488	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
37	01000723	1	S	Flat Washer, .406 ID x 1.0 OD x .105

Z-Force 50 53AA5B7P
Control Assembly (2006)

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GD: 02001839-11/09/05

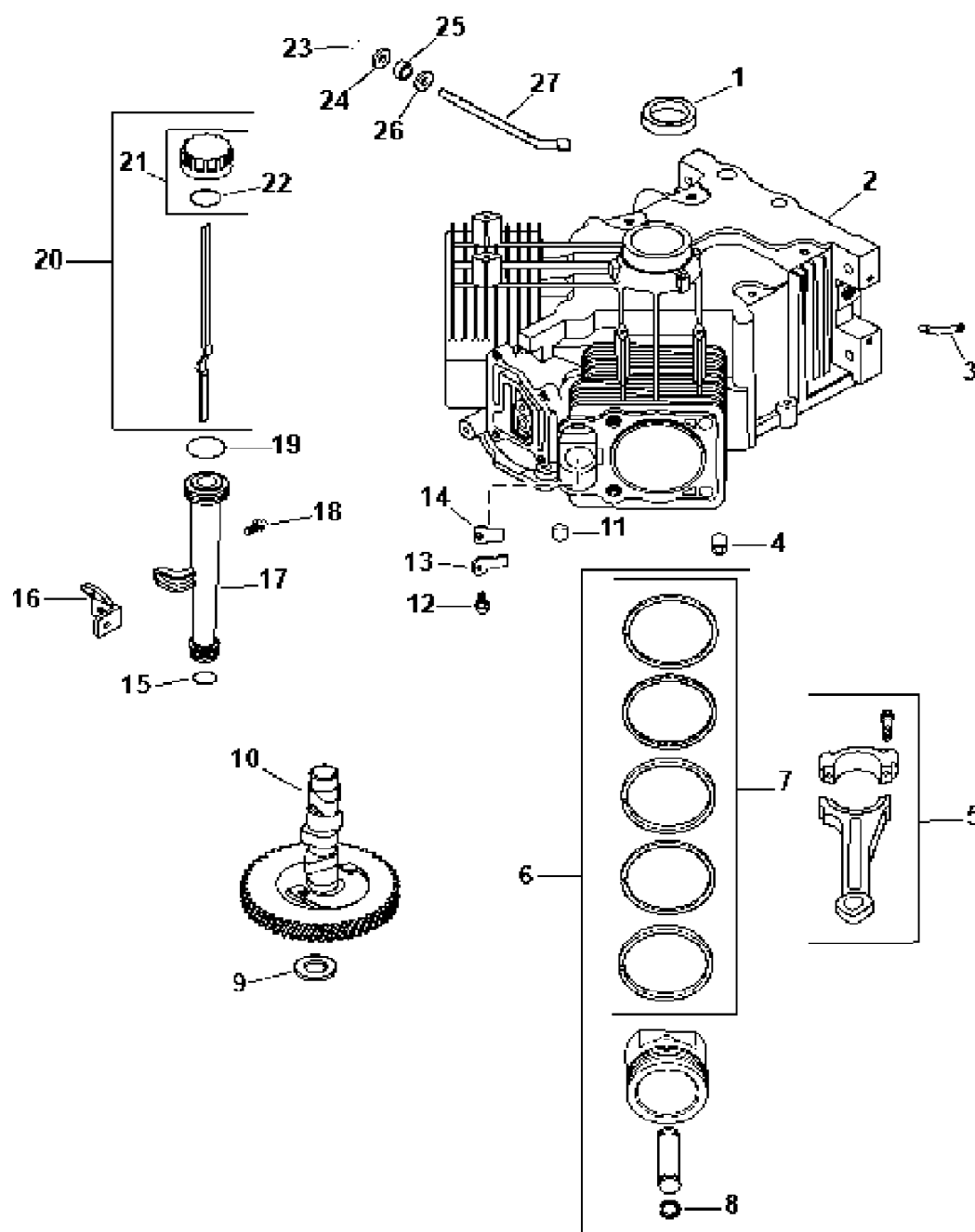
Z-Force 50 53AA5B7P
Control Assembly (2006)

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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 .75
8	00013595	1		Parking Brake Grip
9	00021797	1		Spring, .85 OD x 1 Lg
10	00022560	5		Hex Nut, 3/8-16 Flange Lock
11	00070022	1		Flat Washer, 1.25 x .411 x .100
12	01000628	18	S	Screw, 1/4-20 x 1/2
13	01000635	4	S	Hex Nut, 5/16-18 Flange Lock
14	01000960	2	S	Washer, .325 x .930 x .045
15	01002634	2		Shoulder Screw, 3/8-16, .5 x 2.345
16	01002753	2		Groment, 2.5 OD x 1.0 Lg
17	01002766	3	S	Hex Nut, 1/4-20 Flange Lock
18	01002772	1	S	Spacer, .375 x .50 x 1.02
19	01003563	2		U-Nut, 5/16-18
20	02000614	1		Foot Rest Bracket
23	01008482	1		Control Housing Weldment
24	02001942	1	/P	Seat
24	02002255	1		Armrest Kit not shown
24	710-3256	6	/P	Screw, Button Head 1/4-20 x .50 not shown
25	02001307	1	/P	Left Hand Control Console
26	02001308	1	/P	Right Hand Control Console
27	02000630	1	/P	Parking Brake Lever
28	01008488	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	01006528	1		Abrasive Foot Pad
36	02001954	1		Seat Stop Bracket
	01008198	1	S	Left Hand Brake Cable (not shown)
	01008199	1	S	Right Hand Brake Cable (not shown)

Z-Force 50 53AA5B7P
Crankcase

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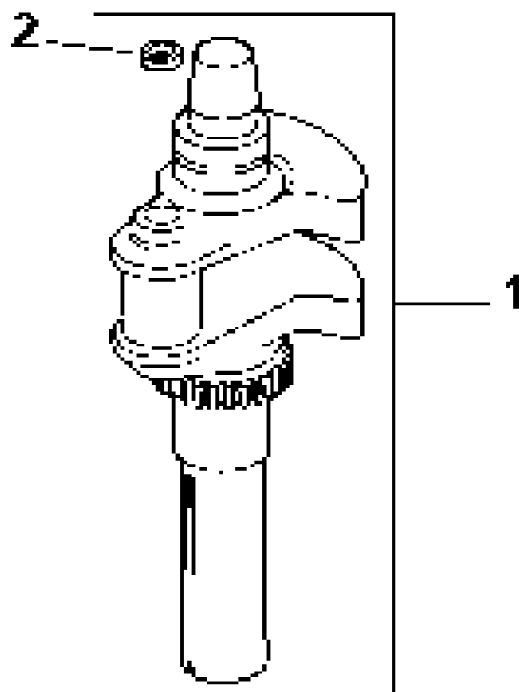
Z-Force 50 53AA5B7P
Crankcase

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Ref #	Part Number	Qty	S/P/F	Description
1	KH-24-032-01-S	1	S	Oil Seal
2	KH-24-522-393	1		Short Block
2	KH-24-782-14	1		Miniblock
3	KH-24-294-13	1	/P	Fitting
4	KH-24-380-13-S	6	S	Split Dowel Pin
5	KH-24-067-13-S	2	S	Connecting Rod (Std.)
5	KH-24-067-14	2		Connecting Rod (.25)
6	KH-24-874-09-S	2	S	Piston w/Ring Set Kit (Std.)
6	KH-24-874-15	2		Piston w/Ring Set Kit (.08.)
6	KH-24-874-10	2	S	Piston w/Ring Set Kit (.25.)
6	KH-24-874-11	2		Piston w/Ring Set Kit (.50.)
7	KH-24-108-08-S	2		Ring Set (Std. & .08)
7	KH-24-108-09-S	2		Ring Set (.25)
7	KH-24-108-10-S	2		Ring Set (.50)
8	KH-24-018-01	4	S	Piston Pin Retainer
9	KH-12-422-07	1	S	Shim (White) (AS REQUIRED)
9	KH-12-422-08	1	S	Shim (Blue) (AS REQUIRED)
9	KH-12-422-09	1	S	Shim (Red) (AS REQUIRED)
9	KH-12-422-10	1	S	Shim (Yellow) (AS REQUIRED)
9	KH-12-422-11	1	S	Shim (Green) (AS REQUIRED)
9	KH-12-422-12	1	S	Shim (Gray) (AS REQUIRED)
9	KH-12-422-13	1	S	Shim (Black) (AS REQUIRED)
10	KH-24-012-10-S	1	/P	Camshaft Kit
11	KH-52-139-09	1	S	Cup Plug
12	KH-M-0545010	2	/P	Screw
13	KH-24-018-04	2		Reed Retainer
14	KH-24-402-05-S	2	/P	Breather Reed
15	KH-12-153-01-S	1	/P	O-Ring
16	KH-24-126-19	1		Oil Fill Tube Bracket
17	KH-12-123-04	1	S	Oil Fill Tube
18	KH-M-545016-S	1	/P	Screw
19	KH-12-153-03	1		O-Ring Upper Fill Tube
20	KH-24-038-04-S	1	/P	Dipstick
21	KH-24-755-46	1	/P	Oil Fill Cap Kit
22	KH-25-153-02-S	1		O-Ring
23	KH-24-018-09-S	1		Ring Retainer
24	KH-M-931010-S	1		Plain 9mm washer
25	KH-28-032-09-S	1		Oil Governor Shaft Seal
26	KH-24-468-15-S	1		Flat Washer
27	KH-24-144-38-S	1	/P	Governor Cross Shaft

Z-Force 50 53AA5B7P
Crankshaft

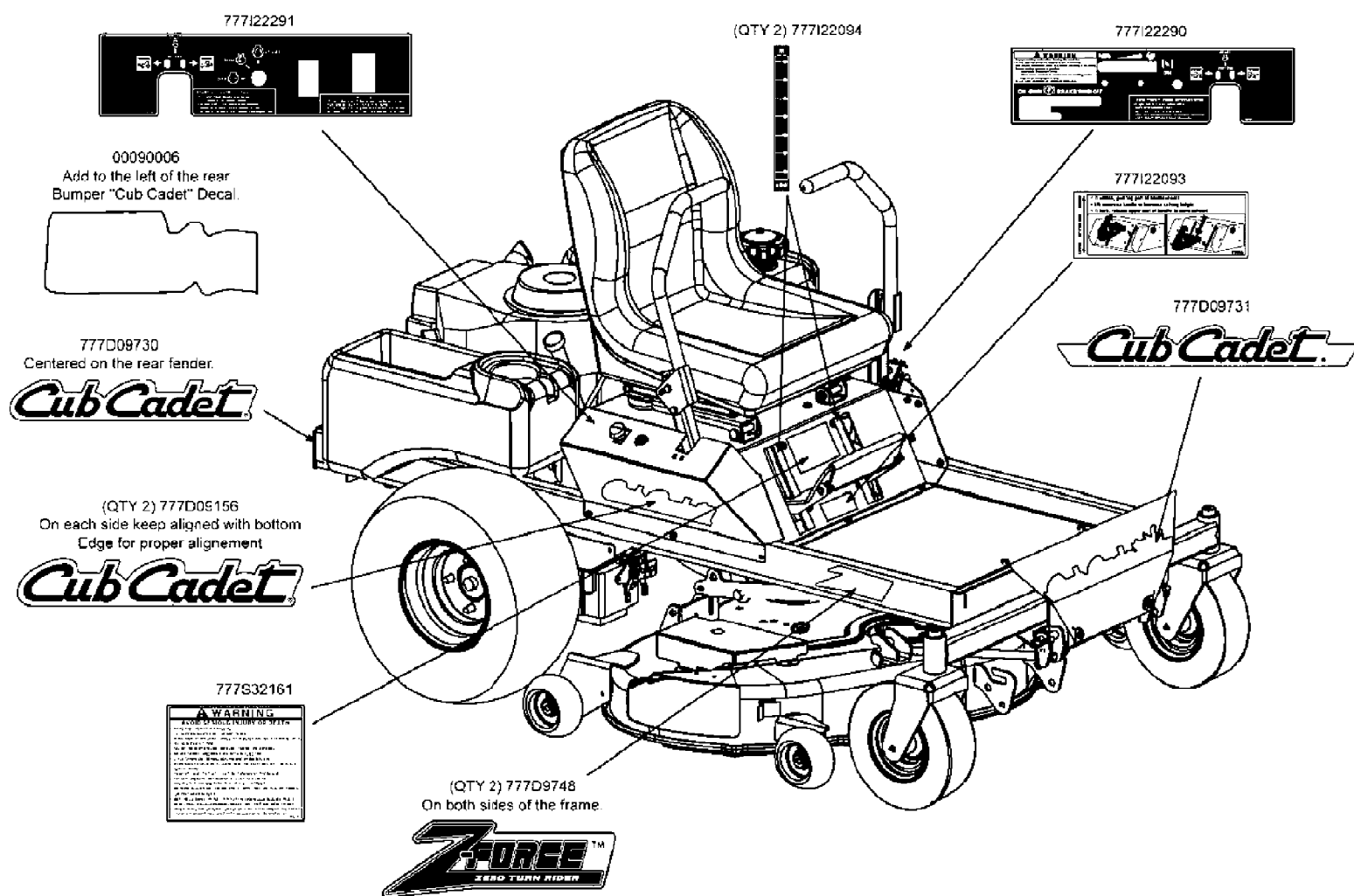
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Z-Force 50 53AA5B7P
Crankshaft

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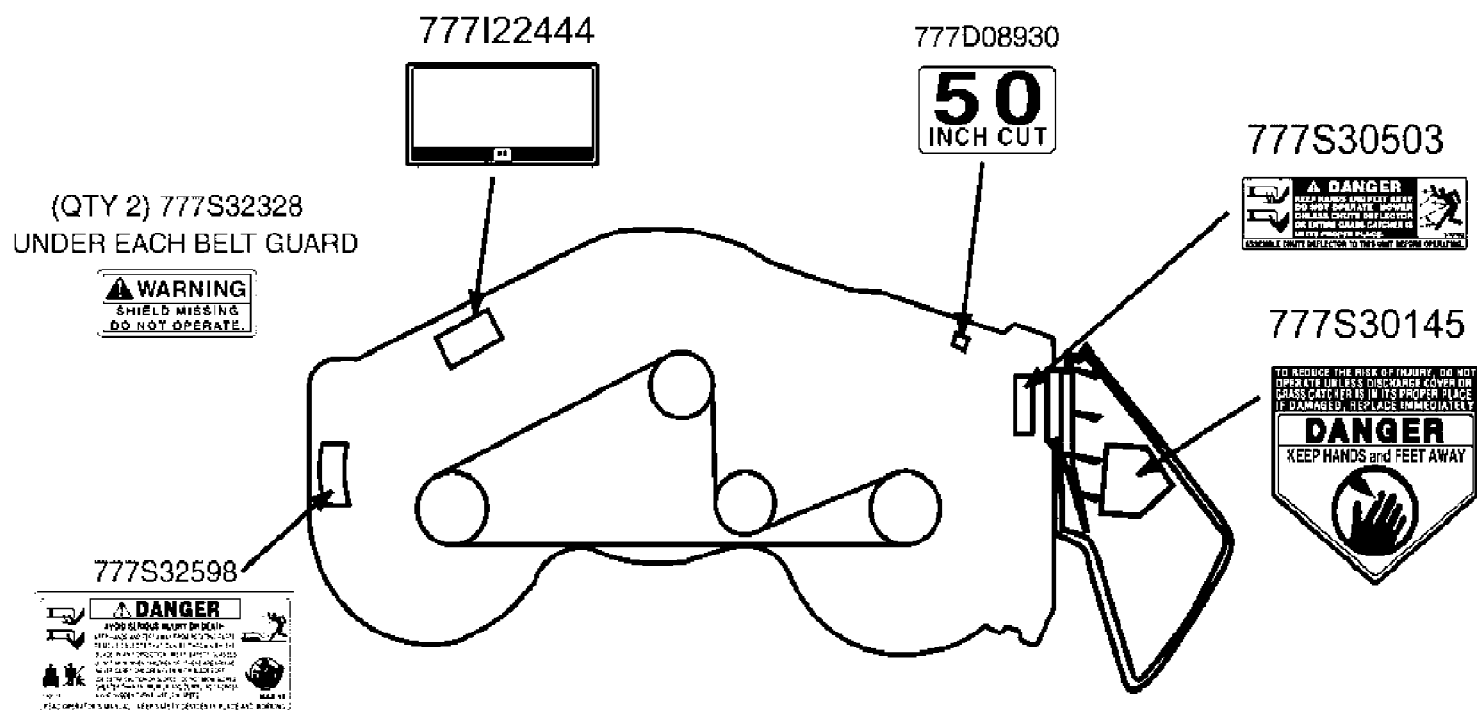
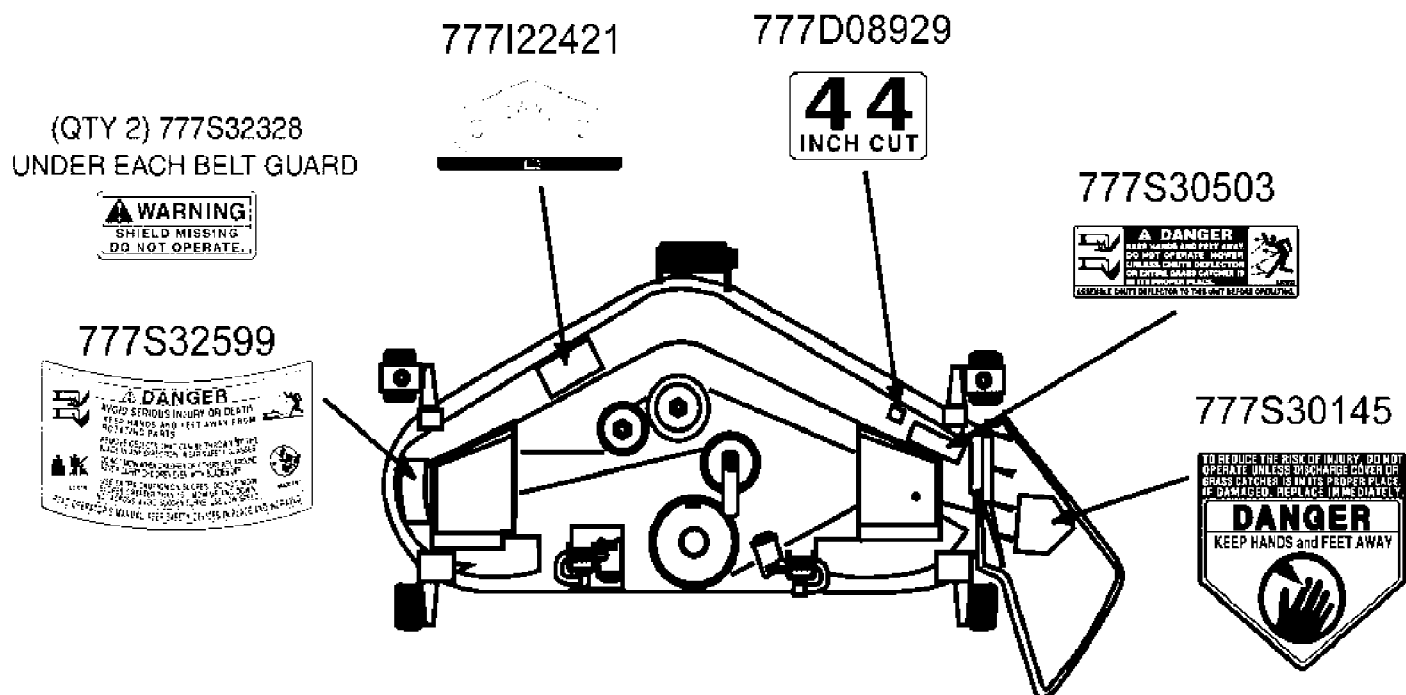
Ref #	Part Number	Qty	S/P/F	Description
1	KH-24-014-42	1	S	Crankshaft (Includes Ref.# 2)
2	KH-52-139-09	1	S	Cup Plug



Z-Force 50 53AA5B7P
Decal Map (Part 1)

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Ref #	Part Number	Qty	S/P/F	Description
777I22291	777I22291	1		Label- RH Console Z-Force E
777I22094	777I22094	1		Label-Deck Height
777I22290	777I22290	1		Label-LH Console Z-Force E
00090006	00090006	1		Label- Made In America Add to the left of the rear Bumper"Cub Cadet" Decal
777I22093	777I22093	1		Label-Lift Handle
777D09731	777D09731	1		Label-Cub Cadet Front Z-Force E
777D09730	777D09730	1		Label-Cub Cadet Rear Z-Force E Centered on the rear fender
777D09156	777D09156	1		Label-Side RZT On each side keep aligned with bottom Edge for proper alignment.
777S32161	777S32161	1		Label-Warning Oper.
777D09748	777D09748	1		Label- Z-Force Side CTP On both sides of the frame.



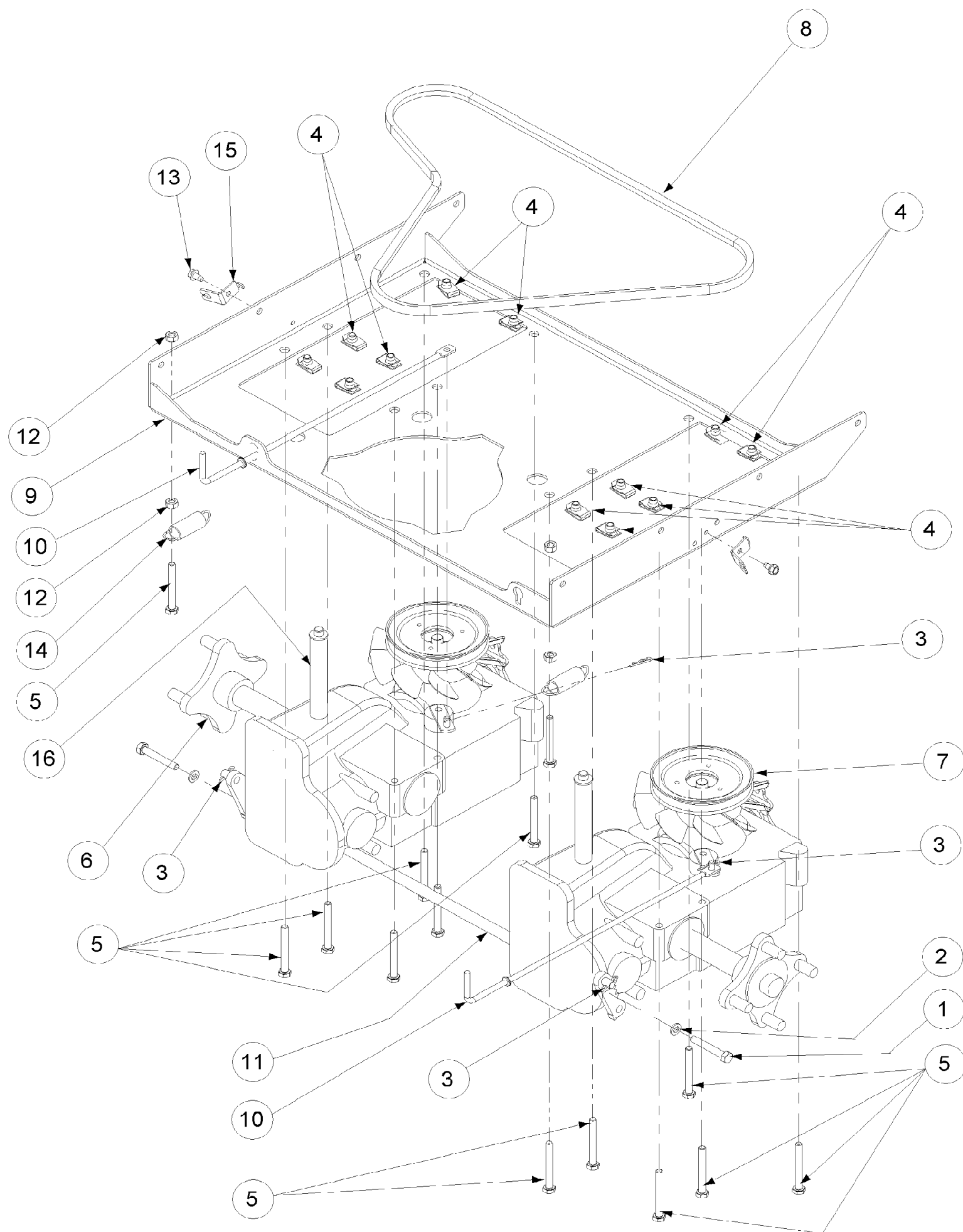
Z-Force 50 53AA5B7P
Decal Map (Part 2)

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Ref #	Part Number	Qty	S/P/F	Description
777I22421	777I22421	1		Decal-44' Deck Belt RT Z-Force CTP
777D08929	777D08929	1		Decal- 44'
777S32328	777S32328	1	/P	Decal- Warning 50' Deck Z-Force CTP Under each belt guard.
777S32599	777S32599	1		Label- RZT Deck Warning Curve
777S30503	777S30503	1	/P	Label- Danger Chute
777S30145	777S30145	1	S	Label- Danger
777I22444	777I22444	1		Decal-50' Deck Belt RT Z-Force CTP
777D08930	777D08930	1		Decal-50'
777S32598	777S32598	1		Label-RZT Deck Warning Straight RZT

Z-Force 50 53AA5B7P
Drive Train Assembly (2006 & Prior)

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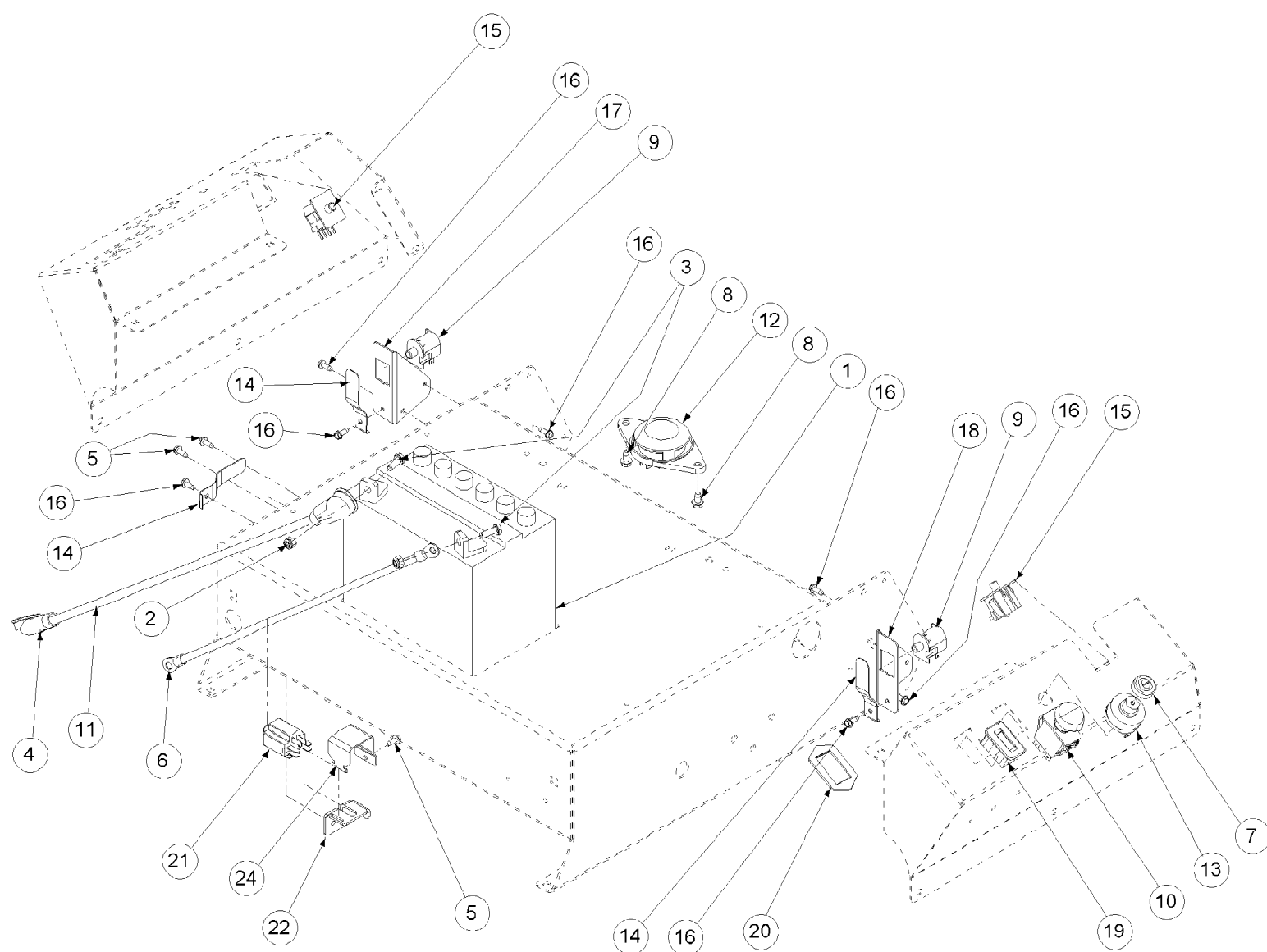
Z-Force 50 53AA5B7P
Drive Train Assembly (2006 & Prior)

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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 50 53AA5B7P
Electrical Assembly

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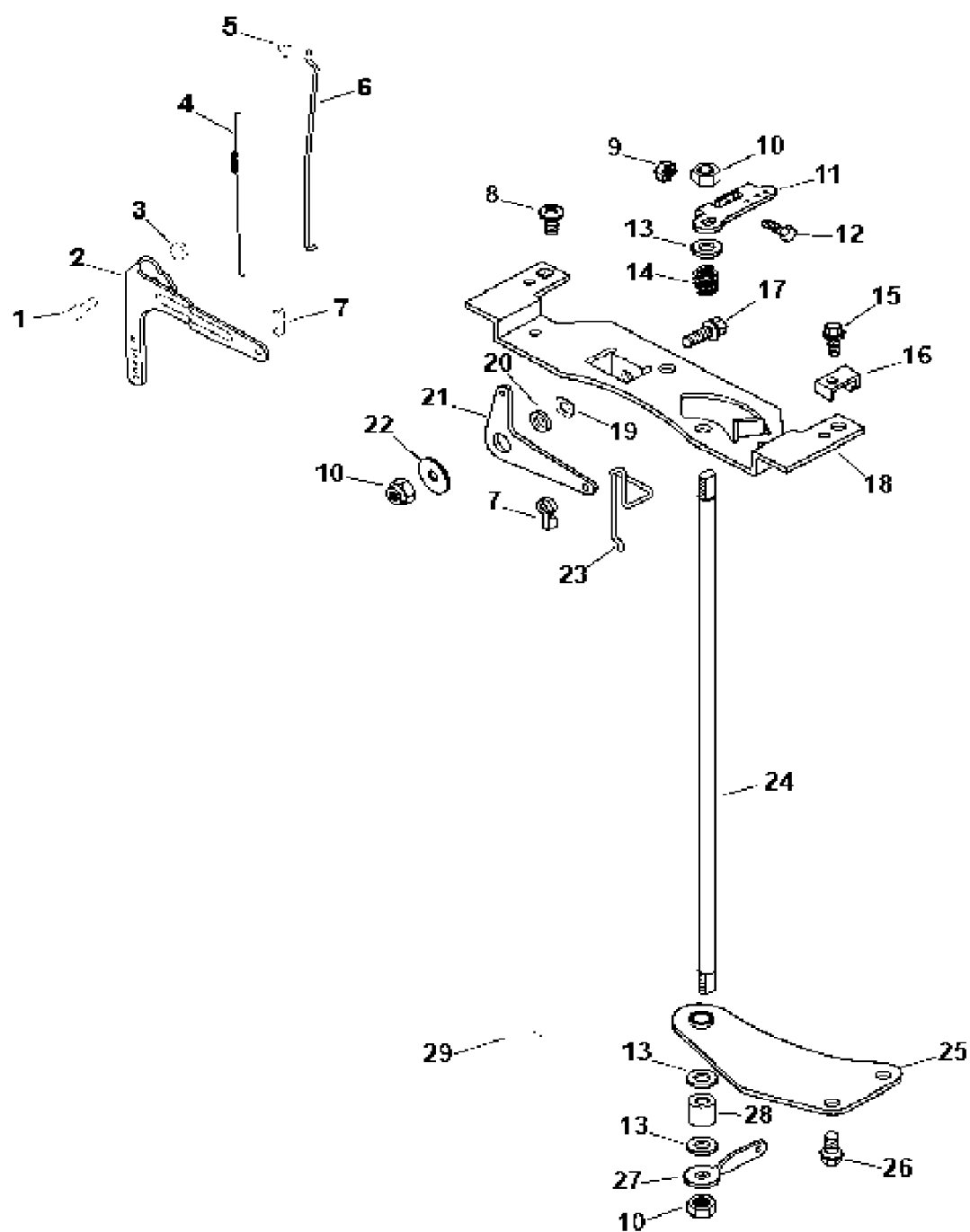


GD: 02000460-07/19/05

Z-Force 50 53AA5B7P
Electrical Assembly

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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	00013131	2		Hex Cap Screw, 1/4-20 x .75
4	00013258	2		Boot, 1" OD Rubber Battery-PST Red
5	01010129	3		Self Tapping Screw, 12-24
6	00024233	1		Cable, Battery, Black, 17"
7	00032097	1		Nut, 5/8-32, w/Cap
8	01000628	2	S	Self Tapping Screw, 1/4-20 x 1/2
9	01001717	2		Normally Closed Safety Switch
10	01002111	1		Electric PTO Switch
11	01002252	1		Cable, Battery, Red, 24"
12	01003277	1		Normally Closed Seat Switch
13	01003581	1	S	Switch, Ignition, 6 Pin
13	725-1341B	1	/P	Key, Ignition Not Shown
14	01008042	3	S	Safety Switch Retainer Spring
15	01008386	2	S	Neutral Switch
16	01001864	7		Self Tapping Screw, 10-32 x 1/2
17	01008614	1		Bracket, Safety Switch, Left Hand
18	01008615	1		Bracket, Safety Switch, Right Hand
19	01007597	1	S	Hour Meter
20	01009905	1		PTO Switch Bracket
21	02000165	1	S	Switch, Plunger
22	02000368	1		Control Housing Assembly
24	02000488	1		Switch, Clamp
	02000555	1	/P	Harness Assembly Not Shown

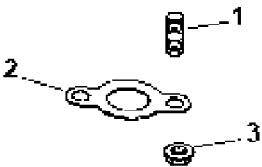


Z-Force 50 53AA5B7P
Engine Controls

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Ref #	Part Number	Qty	S/P/F	Description
1	KH-24-211-03-S	1		Round Head Sq.Neck Bolt
2	KH-24-090-33-S	1	S	Governor Lever
3	KH-M-641060-S	1	/P	Nut
4	KH-24-089-01	1		Linkage Spring
5	KH-25-158-08	1	/P	Linkage Retainig Bushing
6	KH-24-079-04	1		Throttle Linkage
7	KH-25-158-11	1	/P	Linkage Retainig Bushing
8	KH-24-086-06	2		Screw
9	KH-M-446030-S	1	/P	Nut
10	KH-M-647060	3		Nut
11	KH-24-090-09	1		Throttle Control Lever
12	KH-M-401030	1	/P	Screw
13	KH-X-25-72	3		Washer
14	KH-24-089-20	1		Throttle Shaft Spring
15	KH-M-545016-S	2	/P	Screw
16	KH-12-237-01	2		Cable Clamp
17	KH-M-639016-S	2	/P	Hex Flange Screw
18	KH-24-126-111-S	1		Control Bracket
19	KH-277341-S	1		Washer
20	KH-25-431-01-S	1		Spacer
21	KH-24-090-20-S	1		Choke Lever
22	736-0173	1	/P	Washer
23	KH-24-079-10	1		Choke Linkage
24	KH-24-144-11	1		Throttle Shaft
25	KH-24-126-17	1	S	Throttle Shaft Bracket
26	KH-M-645016-S	1	/P	Screw
27	KH-24-090-12	1		Throttle Control Lever
28	KH-24-112-10	1		Spacer
29	KH-24-089-46-S	1		Governor Spring

Z-Force 50 53AA5B7P
Exhaust Stud and Engine



NOT ILLUSTRATED

	Complete Engine
	Miniblock
	Gasket Set

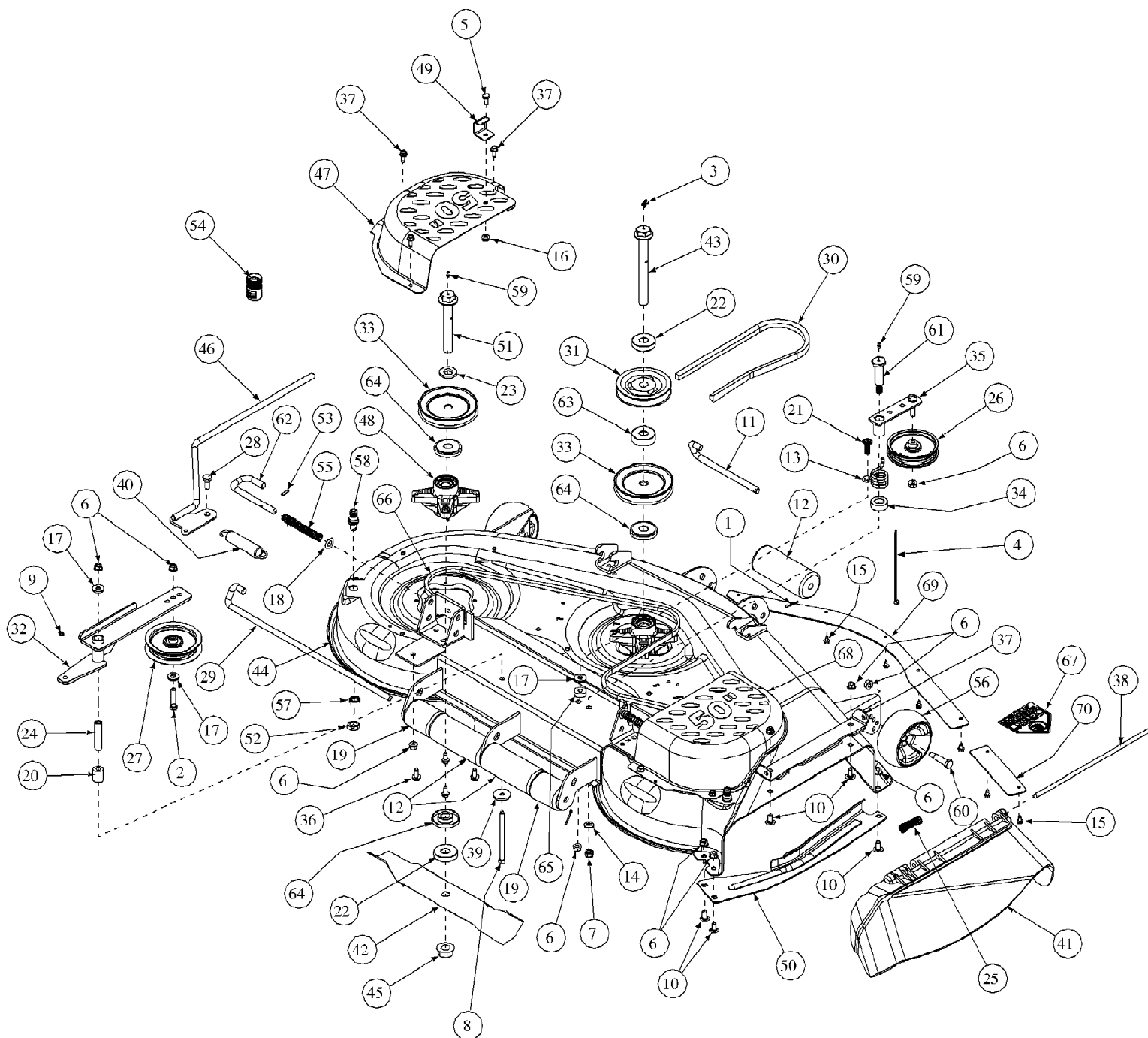
Z-Force 50 53AA5B7P
Exhaust Stud and Engine

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Ref #	Part Number	Qty	S/P/F	Description
	KH-25-072-04	4	/P	Stud (M8 x 1.25 x 33)
	KH-24-041-49-S	2	/P	Exhaust Gasket
	KH-M-0841080	4	S	Muffler Mounting Nut (M8 x 1.25)
	KH-PA-75592	1	S	Complete Engine (NOT ILLUSTRATED)
	KH-24-782-14	1		Miniblock (NOT ILLUSTRATED)
	KH-24-755-108-S	1		Gasket Set (NOT ILLUSTRATED)

Z-Force 50 53AA5B7P
Formed Cutter Deck 50 (2005)

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Z-Force 50 53AA5B7P
Formed Cutter Deck 50 (2005)

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Ref #	Part Number	Qty	S/P/F	Description
1	00003107	2		Cotter Pin, .125 Dia. x 1.0
2	00008495	1		Capscrew, 3/8-16 x 1-3/4
3	00012226	1	S	Grease Fitting, 1/4-28, 90 degree
4	00012470	1	S	Cable Tie, 3/16 x .05 x 7.4
5	00013406	1		Hex Cap Screw 5/16-18 x .75
6	00022560	12		Hex Nut, 3/8-16, Flange Lock
7	00027279	1	S	Nylock Nut, 7/16-14
8	00034167	1		Hex Cap Screw 3/8-16 x 5.00
9	00060078	1	/P	Grease Fitting, 1/4-28 x 3/16
10	01000372	5	S	Carriage Bolt 3/8-16 x .75
11	01000375	1	S	Roller Pin 1/2 x 7.31
12	01000385	3	S	Front Roller
13	01000387	1	S	Idler Spring
14	01000393	1	S	Flat Washer, .469 ID x .875 OD x .105
15	01000628	7	S	Screw, 1/4-20 x 1/2
16	01000635	1	S	Hex Nut, 5/16-18 Flange Lock
17	01000723	3	S	Flat Washer, .406 ID x 1.0 OD x .105
18	01000930	2	S	Washer, .508 ID x 1.0 OD x .020
19	01001169	2		Grass Catcher Roller
20	01001539	1		Spacer, .39 ID x .875 OD x 1.100
21	01002010	1	S	Carriage Screw, 3/8-16 x 1.25
22	01002564	4		Spacer, .76 ID x 2.00 OD x .477
23	01003123	2		Spacer .812 ID x .218
24	01003245	1		Spacer, .39 ID x .625 OD x 2.75
25	01003253	1	S	Torsion Spring
26	01004081	1	S	Flat Pulley
27	01004101	1	S	Idler Pulley, 4.06 OD
28	01004118	1		Shoulder Screw, .50 x .27 Lg., 3/8-16
29	01004751	1	S	Rod, Rear Roller
30	01005011	1	/P	V-Belt, Mower Drive
31	01005202	1		V-Pulley, 4.75 OD
32	02000134	1	S	Idler Arm Assembly, Top
33	01006535	3	S	V-Pulley, 5.0 OD
34	01008456	1		Spacer .760 ID x 1.5 OD
35	01008593	1		Idler Arm Assembly
36	01008620	18		Self Tapping Screw 5/16-18 x .750
37	783-04470	1	/P	Chute Mounting Bracket
38	01009102	1		Hinge Pin, .375 x 14.06
39	01009253	1		Flat Washer, .390 x 1.5 x .134
40	01009635	1		Extension Spring, .98 OD x 5.00
41	01009705	1	S	Chute Deflector
42	01010168	3	S	Hi-Lift Blade, 17.9
43	02000071	1		Spindle Bolt 3/4-16 x 7.155 use with grease fitting
44	02000428	1		Deck Assembly 50"
45	02000402	3		Flange Hex Nut, 3/4-16
46	02000416	1	/P	Spring Tension Rod Assembly
47	02000465	1		Left Hand Belt Cover
48	618-3129B	3	S	Blade Spindle Assembly use with greaseable spindle bolt
48	741-3029	1	/P	Cup, Bearing not shown
48	741-3028	1	S	Cone, Bearing not shown

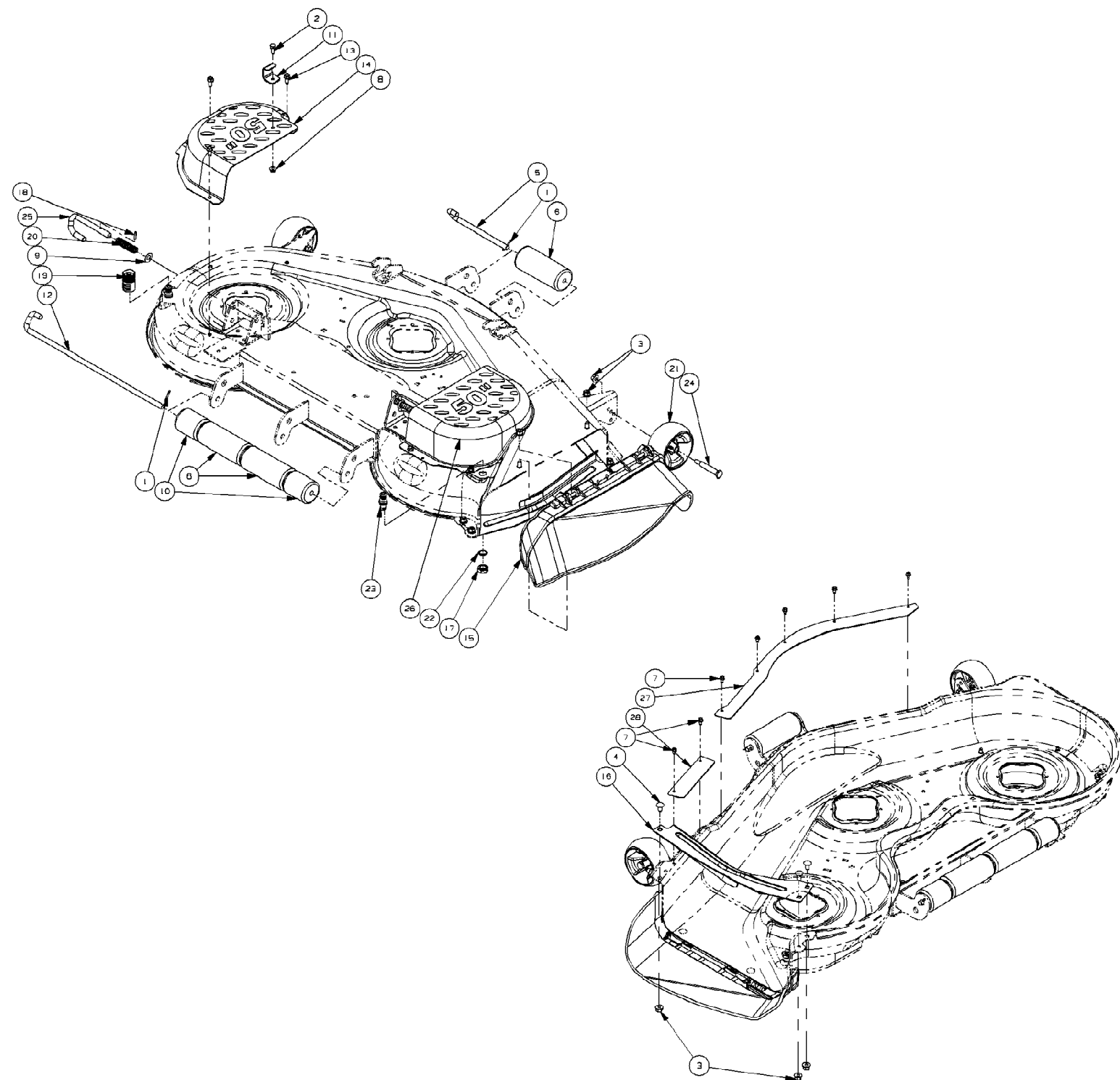
Z-Force 50 53AA5B7P
Formed Cutter Deck 50 (2005)

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Ref #	Part Number	Qty	S/P/F	Description
48	721-3018A	1	S	Oil Seal not shown
49	01004109	1	/P	Tension Rod Stop Bracket
50	02000831	1	S	Finger Guard
51	710-1852	2		Spindle Bolt 3/4-16 x 5.37 use with grease fitting
52	712-0641	2	S	Hex Nut, M16-1.5
53	715-3003	2	/P	Pin
54	721-04041	1	S	Adaptor, Water Nozzle
55	732-0802	2		Compression Spring .63 OD x 6.3
56	734-04039	2	S	Deck Wheel, 5.00 Dia.
57	736-0760	2	S	Lock Washer, 17 x 23.8 x 1.9
58	737-04003B	2	S	Nozzle, Deck Water
59	737-3000	3	S	Grease Fitting
60	738-0373	2	S	Shoulder Screw .498 x 1.53
61	738-3172	1		Shoulder Screw .68 x 2.11
62	747-3013	2	/P	Support Pin
63	748-3020	1	S	Blade Spacer
64	748-3065	6	S	Spindle Spacer
65	750-3119	2	/P	Spacer .406 ID x 1.00 OD x 0.38
66	02000653	1	/P	V-Belt, 1/2 x 90.9 LG
67	777S30145	1	S	Decal, Danger Hands & Feet
68	02000467	1		Right Hand Belt Cover
69	02000430	1	S	Skirt, Center, 50"
70	02000429	1	S	Skirt, Right Hand, 50"

Z-Force 50 53AA5B7P
Formed Cutter Deck 50 (2006)

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Deck Shown Upside Down

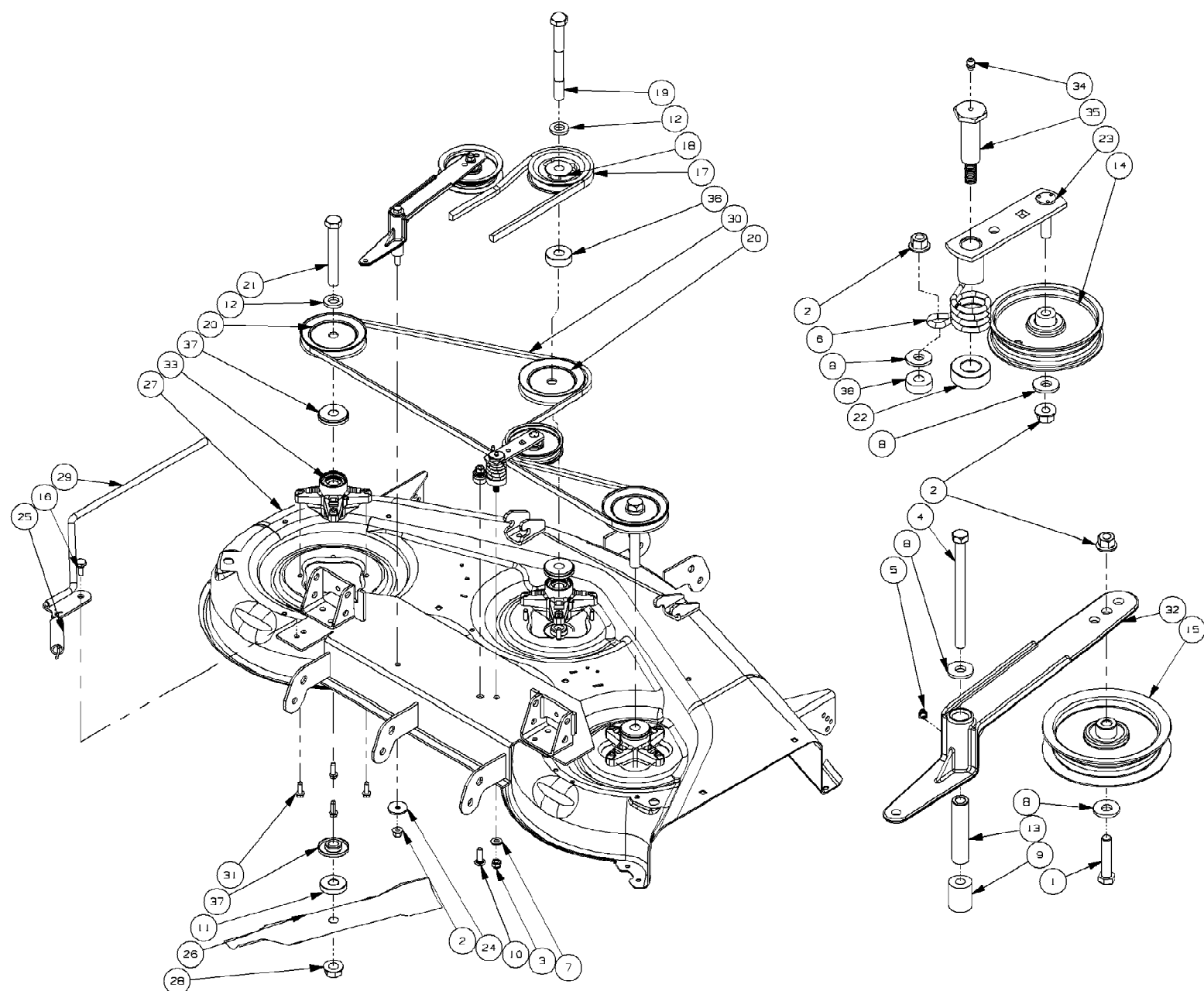
Z-Force 50 53AA5B7P
Formed Cutter Deck 50 (2006)

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Ref #	Part Number	Qty	S/P/F	Description
1	00003107	2		Cotter Pin .125 Dia x 1.0
2	00013406	1		Hex Cap Screw 5/16-18 x .75
3	00022560	7		Hex Nut, 3/8-16, Flange Lock
4	01000372	5	S	Carriage Bolt 3/8-16 x .75
5	01000375	1	S	Roller Pin 1/2 x 7.31
6	01000385	3	S	Front Roller
7	01000628	7	S	Screw, 1/4-20 x 1/2
8	01000635	1	S	Hex Nut, 5/16-18 Flange Lock
9	01000930	2	S	Washer, .508 ID x 1.0 OD x .020
10	01001169	2		Grass Catcher Roller
11	01004109	1	/P	Tension Rod Stop Bracket
12	01004751	1	S	Rod, Rear Roller
13	01008620	6		Self Tapping Screw 5/16-18 x .750
14	02000465	1		Left Hand Belt Cover
15	631-0407A	1		Chute Deflector Assembly
16	02000831	1	S	Finger Guard
17	712-0641	2	S	Hex Nut, M16-1.5
18	715-3003	2	/P	Pin
19	721-04041	1	S	Adaptor, Water Nozzle
20	732-0802	2		Compression Spring .63 OD x 6.3
21	734-04155	2		Deck Wheel, 5.00 Dia.
22	736-0760	2	S	Lock Washer, 17 x 23.8 x 1.9
23	737-04003B	2	S	Nozzle, Deck Water
24	738-3056	2	S	Shoulder Screw .498 x 1.53
25	747-3013	2	/P	Support Pin
26	02000467	1		Right Hand Belt Cover
27	02000430	1	S	Skirt, Center, 50"
28	02000429	1	S	Skirt, Right Hand, 50"

Z-Force 50 53AA5B7P
Formed Cutter Deck 50 Spindle Assembly (2006)

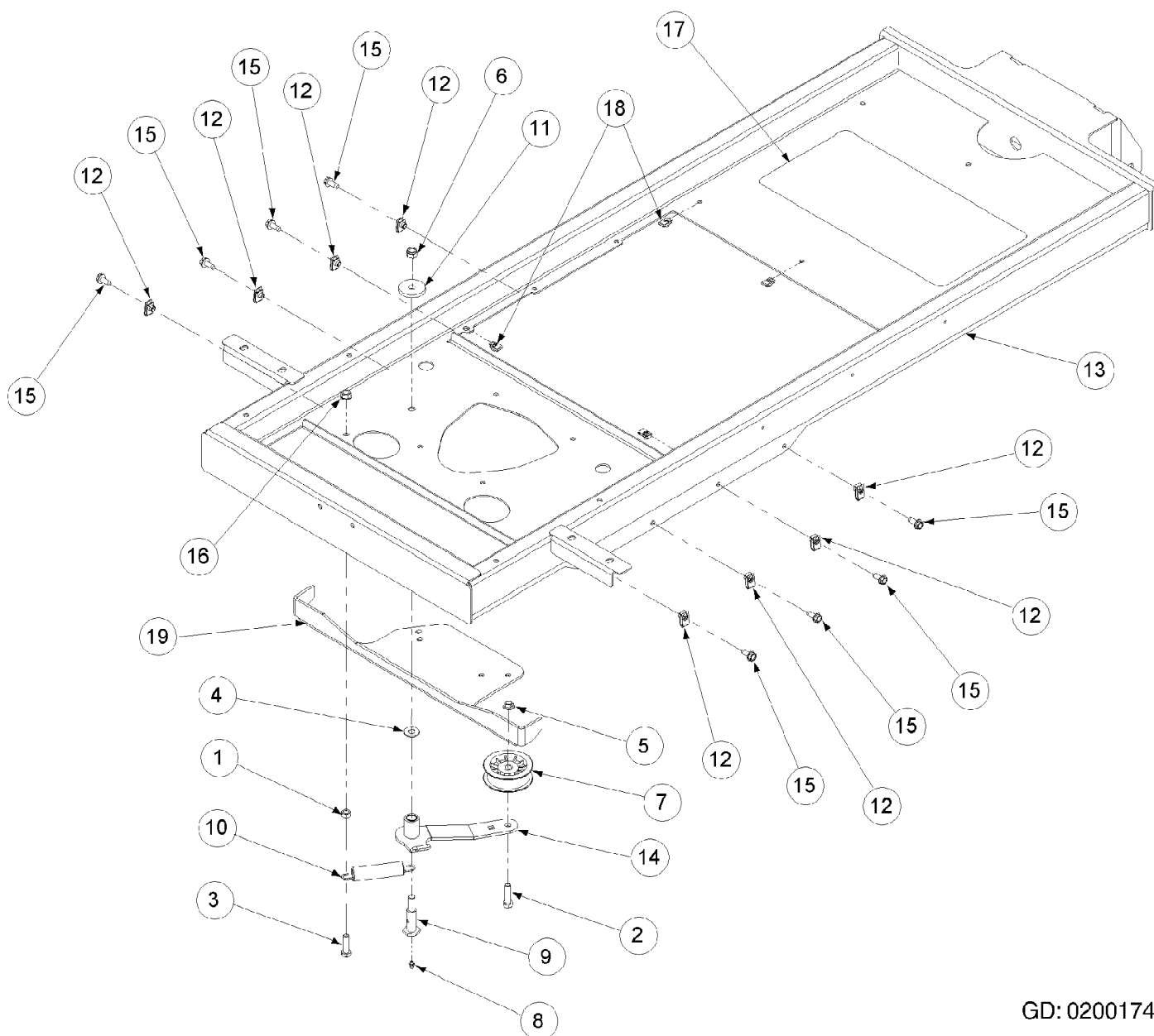
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Z-Force 50 53AA5B7P
Formed Cutter Deck 50 Spindle Assembly (2006)

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Ref #	Part Number	Qty	S/P/F	Description
1	00008495	1		Capscrew, 3/8-16 x 1-3/4
2	00022560	5		Hex Nut, 3/8-16, Flange Lock
3	00027279	1	S	Nylock Nut, 7/16-14
4	00034167	1		Hex Cap Screw 3/8-16 x 5.00
5	00060078	1	/P	Grease Fitting, 1/4-28 x 3/16
6	01000387	1	S	Idler Spring
7	01000393	1	S	Flat Washer, .469 ID x .875 OD x .105
8	01000723	4	S	Flat Washer, .406 ID x 1.0 OD x .105
9	01001539	1		Spacer, .39 ID x .875 OD x 1.100
10	01002010	1	S	Carraige Screw, 3/8-16 x 1.25
11	01002564	3		Spacer, .76 ID x 2.00 OD x .477
12	01003123	3		Spacer .812 ID x .218
13	01003245	1		Spacer, .39 ID x .625 OD x 2.75
14	01004081	1	S	Flat Pulley
15	01004101	1	S	Idler Pulley, 4.06 OD
16	01004118	1		Shoulder Screw, .50 x .27 Lg., 3/8-16
17	01005011	1	/P	V-Belt, Mower Drive
18	01005202	1		V-Pulley, 4.75 OD
19	01005213	1		Hex Cap Screw 3/4-16 x 7.00 Non Greasable Spindle use with 618-04426 Spindle Assembly
19	02000071	1		Spindle Bolt 3/4-16 x 7.155 Greaseable Spindle
	00012226	1	S	Grease Fitting, 1/4-28, 90 degree Not shown. Use with 02000071
20	01006535	3	S	V-Pulley, 5.0 OD
21	01006590	2		Spindle Hex Cap Screw 3/4-16 x 5.50 Non Greasable Spindle use with 618-04426 Spindle Assembly
21	02000819	1		Spindle Bolt 3/4-16 x 5.37 Greaseable Spindle
	737-3000	1	S	Grease Fitting Not shown. Use with 02000819
22	01008456	1		Spacer .760 ID x 1.5 OD
23	01008593	1		Idler Arm Assembly
24	01009253	1		Flat Washer, .390 x 1.5 x .134
25	01009635	1		Extension Spring, .98 OD x 5.00
26	01010168	3	S	Hi-Lift Blade, 17.9
27	02000428	1		Deck Assembly 50"
28	02000402	3		Flange Hex Nut, 3/4-16
29	02000416	1	/P	Spring Tension Rod Assembly
30	02000653	1	/P	V-Belt, 1/2 x 90.9 LG
31	02000762	12		Self Tapping Screw 5/16-18 x 1.0
32	02001855	1	/P	Idler Arm Assembly, Top
33	618-04426	3	S	Spindle Assembly Greaseable
33	721-3018A	1	S	Seal, Oil
33	741-04089	1	S	Bearing, Cone
33	741-04091	1	S	Bearing, Cup
34	737-3000	1	S	Grease Fitting
35	738-3172	1		Shoulder Screw .68 x 2.11
36	748-3020	1	S	Blade Spacer
37	748-3065A	6	/P	Spindle Spacer
38	750-3119	1	/P	Spacer .406 ID x 1.00 OD x 0.38



GD: 02001740-10/10/05

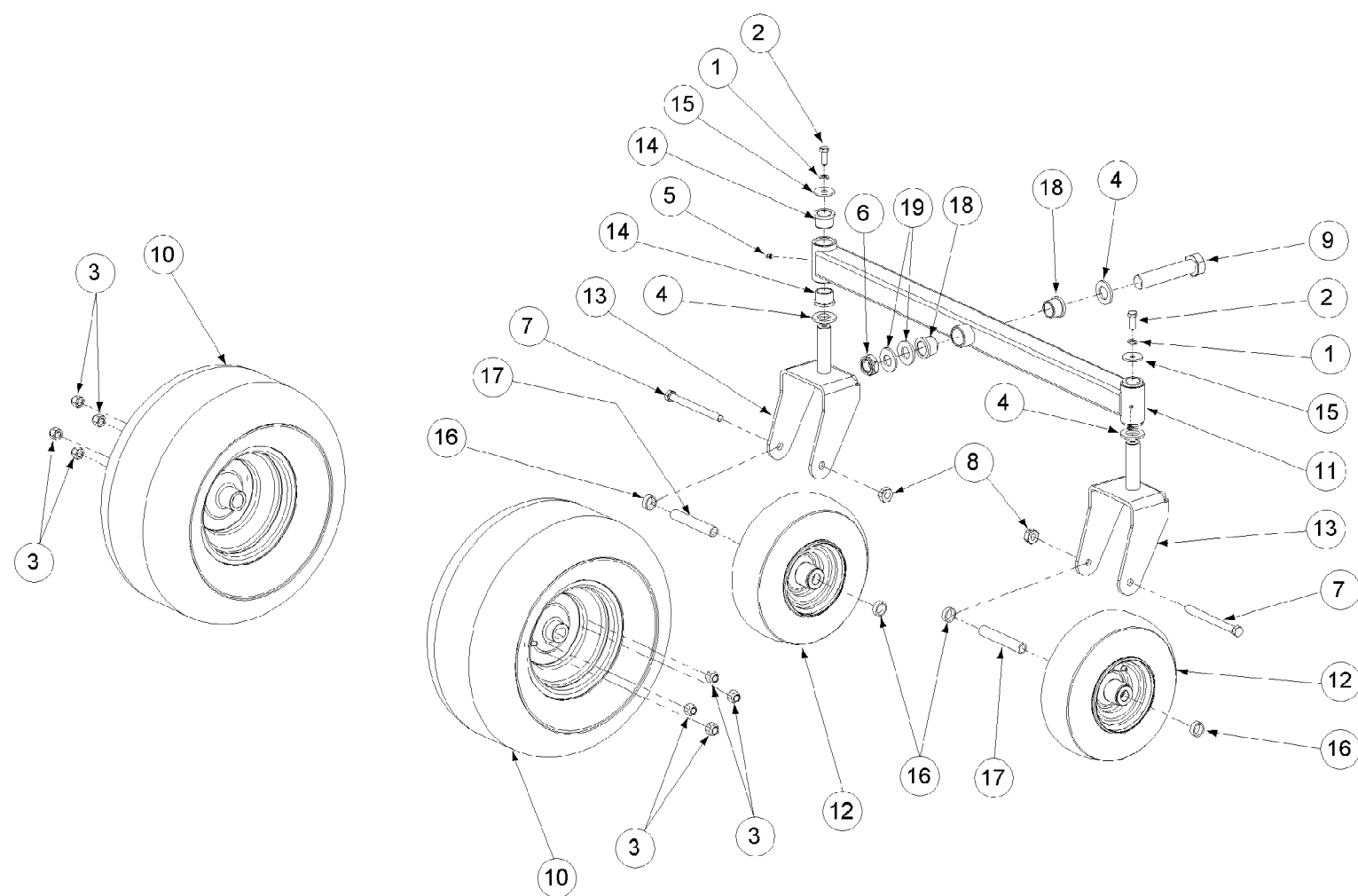
Z-Force 50 53AA5B7P
Frame (2006 & Prior)

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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	02000615	1	/P	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
19	02001482	1		Engine Plate Stiffener

Z-Force 50 53AA5B7P
Front Caster 50 & Tire Assembly

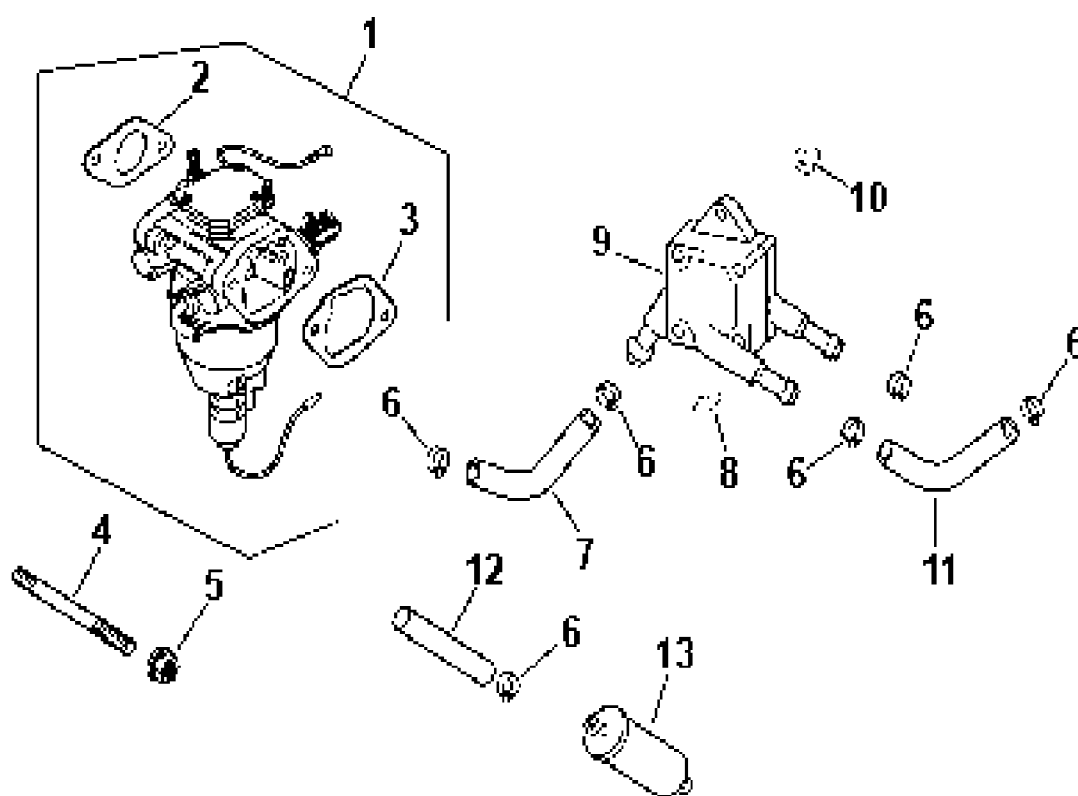
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Z-Force 50 53AA5B7P
Front Caster 50 & Tire Assembly

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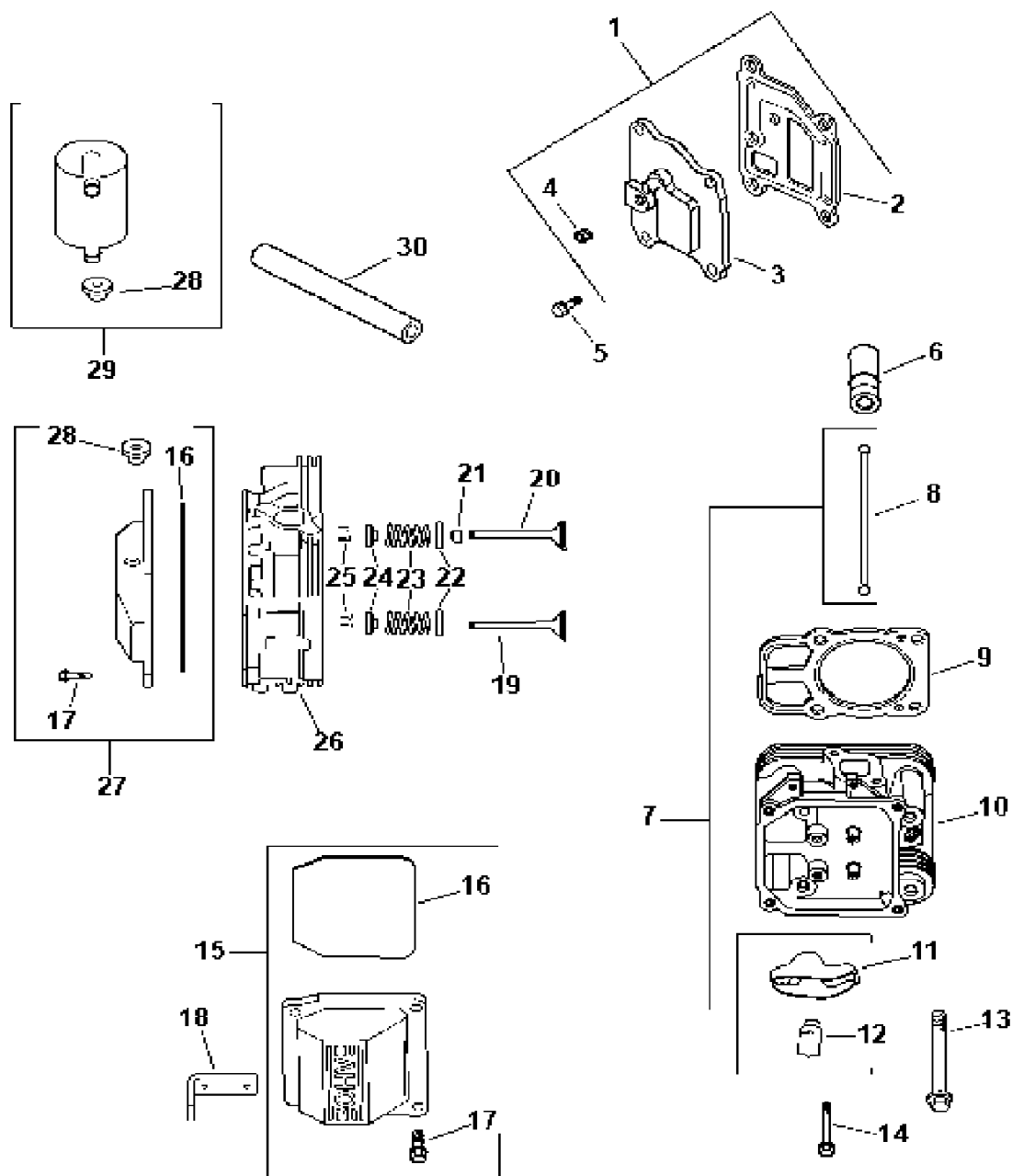
Ref #	Part Number	Qty	S/P/F	Description
1	00012157	2	S	Lock Washer, 3/8 Zinc
2	01000368	2	S	Hex Cap Screw, 3/8-16 x .88
3	00012187	8		Lug Nut, 1/2-20
4	00023822	3		Washer Special
5	00060078	2	/P	Grease Fitting, 1/4-28 x 3/16
6	01000678	1	S	Nut Jam, 1.0-14, Nylon Insert
7	01000745	2	S	Hex Cap Screw, 1/2-20 x 5.50
8	00023287	2		Nut, 1/2-20, Center Lock
9	01006309	1	/P	Hex Cap Screw, 1-14 x 5.0
10	01009828	2		Wheel Assembly, 18 x 9.5
11	02000616	1	S	Front Axle Assembly
12	634-3163	2	/P	Front Wheel Assembly
13	02000613	2	S	Castor Wheel Mounting Bracket
14	731-0374	4	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
18	00023793	2		Flange Bearing, 1.013 ID
19	02000588	2		Flat Washer, 1.00 ID x 2.25 OD x .075



Z-Force 50 53AA5B7P
Fuel System

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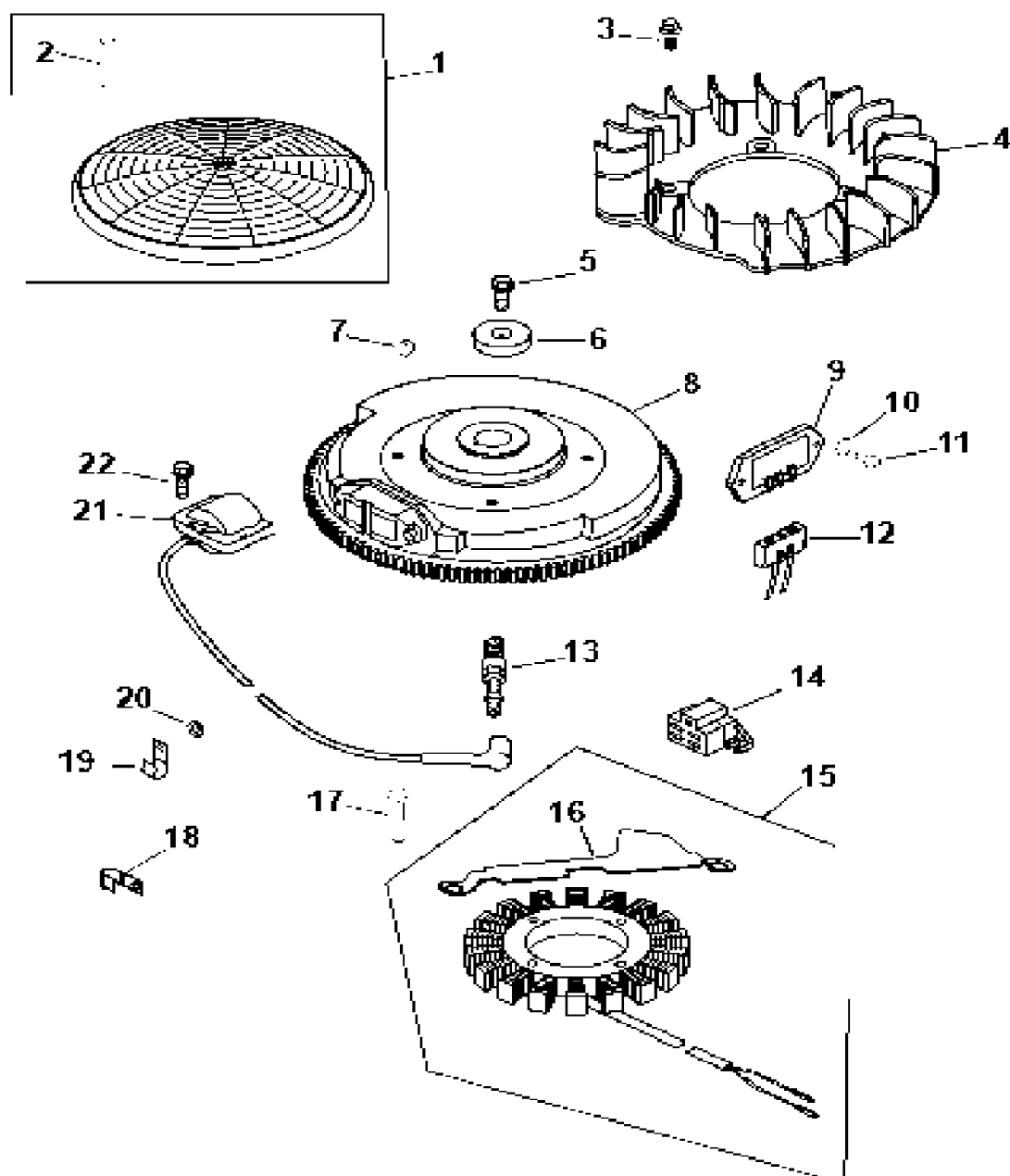
Ref #	Part Number	Qty	S/P/F	Description	
1	KH-24-853-61-S	1	S	Carburetor w/Gaskets	
2	KH-24-041-52-S	1	/P	Carburetor Gasket	
3	KH-24-041-14	1	/P	Air Cleaner Base Gasket	
4	KH-M-629095-S	1		Intake Manifold Stud	
5	KH-M-641060-S	2	/P	Nut	
6	KH-25-237-14-S	6	/P	Hose Clamp	
7	KH-52-353-22-S	1		Fuel line 12.5"	
8	KH-24-086-12	2		Screw	
9	KH-24-393-16	1	/P	Fuel Pump	
10	KH-24-100-01	2		Plastic Nut	
11	KH-24-353-12	1		Fuel Line 11"	
12	KH-25-353-15	1		Fuel Line 3.5"	
13	KH-24-050-10-S	1	S	Fuel Filter	
	KH-24-757-38-S	1		Gasket Kit	(NOT ILLUSTRATED)
	KH-24-757-36-S	1		Choke Repair Kit w/Gaskets	(NOT ILLUSTRATED)
	KH-24-757-44-S	1		Float Kit	(NOT ILLUSTRATED)
	KH-24-757-45-S	1	/P	Solenoid Replacement Kit	(NOT ILLUSTRATED)
	KH-24-757-46-S	1	/P	Overhaul Kit w/Gaskets	(NOT ILLUSTRATED)



Z-Force 50 53AA5B7P
Head and Valve and Breather

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Ref #	Part Number	Qty	S/P/F	Description
1	KH-24-033-03	1		Breather Cover Kit
2	KH-24-041-51-S	1	S	Brather Gasket
3	KH-24-096-87-S	1		Breather Cover
4	KH-25-139-60-S	1	/P	1/8" Pipe Plug
5	KH-M-645020-S	4	/P	Hex Flange Screw
6	KH-25-351-01	4	S	Valve Lifter
7	KH-24-755-66	1	/P	Valve TrainKit
8	KH-24-411-05	4	/P	Push Rod
9	KH-24-841-02-S	2	/P	Cylinder Head Gasket
10	KH-24-318-70-S	1	S	Cylinder Head Assembly #2
11	KH-25-186-01	4	/P	Rocker Arm
12	KH-24-599-01	4	S	Rocker Arm Pivot
13	KH-12-086-16	8	S	Hex Flange Screw
14	KH-66-086-07-S	4	S	Rocker Arm Pivot Screw
15	KH-24-755-141-S	1	/P	Rocker Cover Kit
16	KH-24-153-28-S	2	S	O-Ring
17	KH-M-651030-S	4		Hex Flange Screw
18	KH-24-445-01-S	1		Lifting Strap
19	KH-24-016-01	2	/P	Exhaust Valve
	KH-24-016-02	2		Exhaust Valve (.25)
20	KH-24-017-01	2	/P	Intake Valve
	KH-24-017-02	2		Intake Valve (.25)
21	KH-66-032-05-S	2	/P	Valve Stem Seal
22	KH-235011-S	4	/P	Retainer
23	KH-24-089-02	4	/P	Valve Spring
24	KH-12-173-01	4	/P	Valve Spring Retainer
25	KH-12-755-03	8	/P	Retainer Kit
26	KH-24-318-67-S	1	S	Cylinder Head Assembly #1
27	KH-24-755-142-S	1	/P	Rocker Cover (Separator) Kit
28	KH-25-313-03-S	1	/P	Rubber Grommet
29	KH-24-755-57-S	1	/P	Breather Separator Kit
30	KH-24-326-55-S	1	S	Breather Hose
	KH-24-755-147-S	2		Cylinder Head Hardware Kit (NOT ILLUSTRATED)



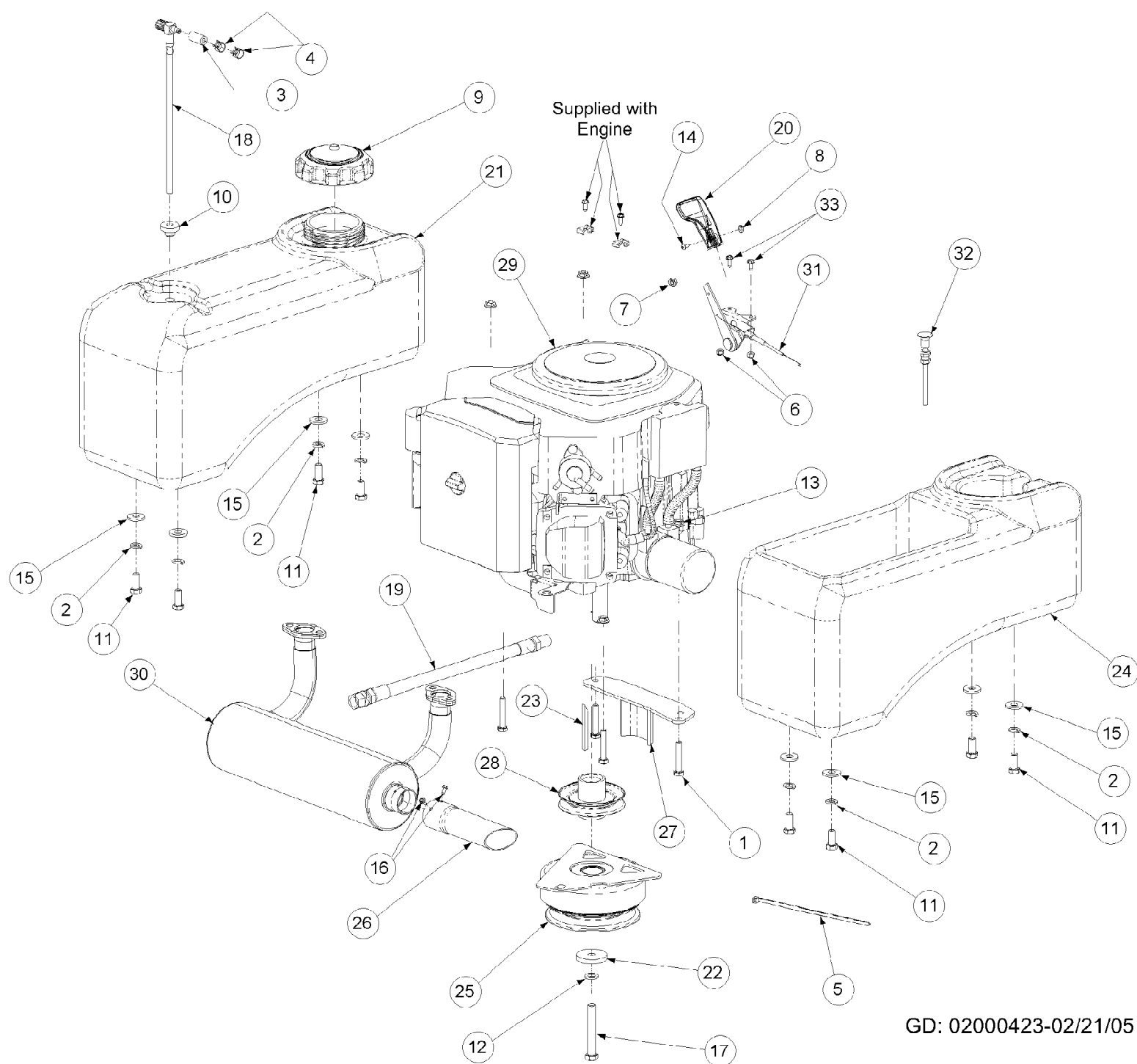
Z-Force 50 53AA5B7P
Ignition and Electrical

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Ref #	Part Number	Qty	S/P/F	Description
1	KH-54-755-15	1	/P	Grass Screen Kit
2	KH-25-086-117-S	4		Sems Screw
3	KH-25-086-47	4	/P	Shoulder Bolt
4	KH-24-157-08-S	1		Fan
5	KH-12-086-14	1		Hex Flange Screw
6	KH-12-468-03	1	/P	Washer
7	KH-X-42-15	1	/P	Key
8	KH-24-025-04	1	S	Flywheel
9	KH-41-403-09	1	S	Regulator Rectifier
10	KH-X-25-92	2		Washer
11	KH-24-086-18	2		Hex Head Screw
12	KH-236602-S	1	S	Connector
13	759-3336	2	/P	Spark Plug
14	KH-25-155-06	1		Connector
15	KH-54-755-09-S	1	S	15 amp Stator
16	KH-24-126-139-S	1		Stator Wire Bracket
17	KH-M-548025-S	2	/P	Hex Head Screw
18	KH-235173	1		Cable Clip
19	KH-48-154-02	1		Clip
20	KH-X-25-63	1	/P	Washer
21	KH-24-584-01	2	S	Ignition Module
22	KH-M-545020-S	4		Screw
	KH-24-126-137-S	1		Ground Strap Bracket (NOT ILLUSTRATED)
	KH-25-468-07-S	1		Flat Washer (NOT ILLUSTRATED)
	KH-24-176-41	1		Wiring Harness (NOT ILLUSTRATED)
	KH-24-176-112-S	1	S	Wiring Harness (NOT ILLUSTRATED)
	KH-25-518-34-S	1	/P	Lead (NOT ILLUSTRATED)
	KH-24-113-18-S	1		Grass Screen Decal (NOT ILLUSTRATED)
	KH-25-454-03-S	2		Tie (NOT ILLUSTRATED)
	KH-25-454-05-S	1		Tie (NOT ILLUSTRATED)

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Kohler Engine Assembly 23HP (2005)

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GD: 02000423-02/21/05

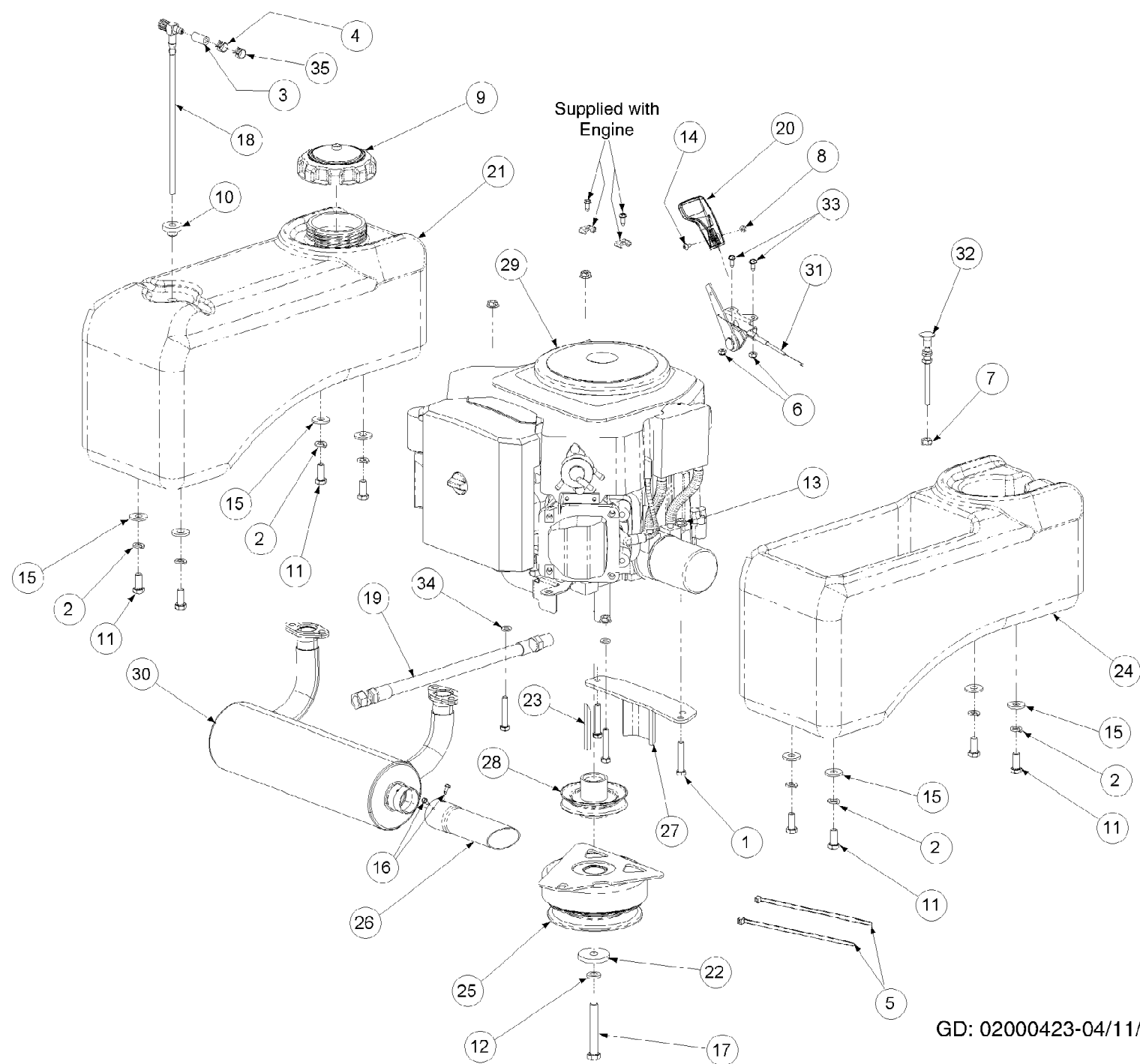
Z-Force 50 53AA5B7P
Kohler Engine Assembly 23HP (2005)

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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	00012470	1	S	Cable Tie, 3/16 x .05 x 7.4
6	00014608	2	/P	Lock Nut, Nylon Insert, 10-32
7	00023041	1		Starter Side Lock Nut 1/4-20
8	00060056	1		Nut, w/ Star Washer
9	01000069	1	S	Fuel Cap
10	01000281	1	S	Fuel Tank Groment
11	01000368	8	S	Hex Cap Screw, 3/8-16 x .88
12	01000389	1	S	Lock Washer, 7/16
13	01000635	4	S	Lock Nut, Hex Flange, 5/16-18
14	01000721	1	S	Machine Screw, 8-32 x .375
15	00083192	8		Idler Washer
16	01000811	2	S	Screw, 8-32 x .375, Hex Washer
17	01000813	1	S	Hex Cap Screw, 7/16-20 x 3.0
18	01003116	1		Fuel Pickup Fitting
19	01003283	1		Oil Drain Extension Hose
19	737-0103	1	S	Oil Drain Plug not shown
20	01004004	1	S	Throttle Control Knob
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	01008623	1		Exhaust Pipe
27	01008640	1		Clutch Retainer Assembly
28	01008808	1	S	Electric PTO Engine Pulley
29	02000427	1	S	23HP Kohler Engine
30	02000456	1		Kohler Muffler
31	02000477	1		Throttle Control Cable
32	02000478	1		Choke Cable
33	01008531	2	S	Screw, #10-32 x 0.500
	02000764	1		Exhaust Pipe use with spark arrester not shown
	02000550	1		Spark Arrester not shown

Z-Force 50 53AA5B7P
Kohler Engine Assembly 23HP (2006)

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GD: 02000423-04/11/06

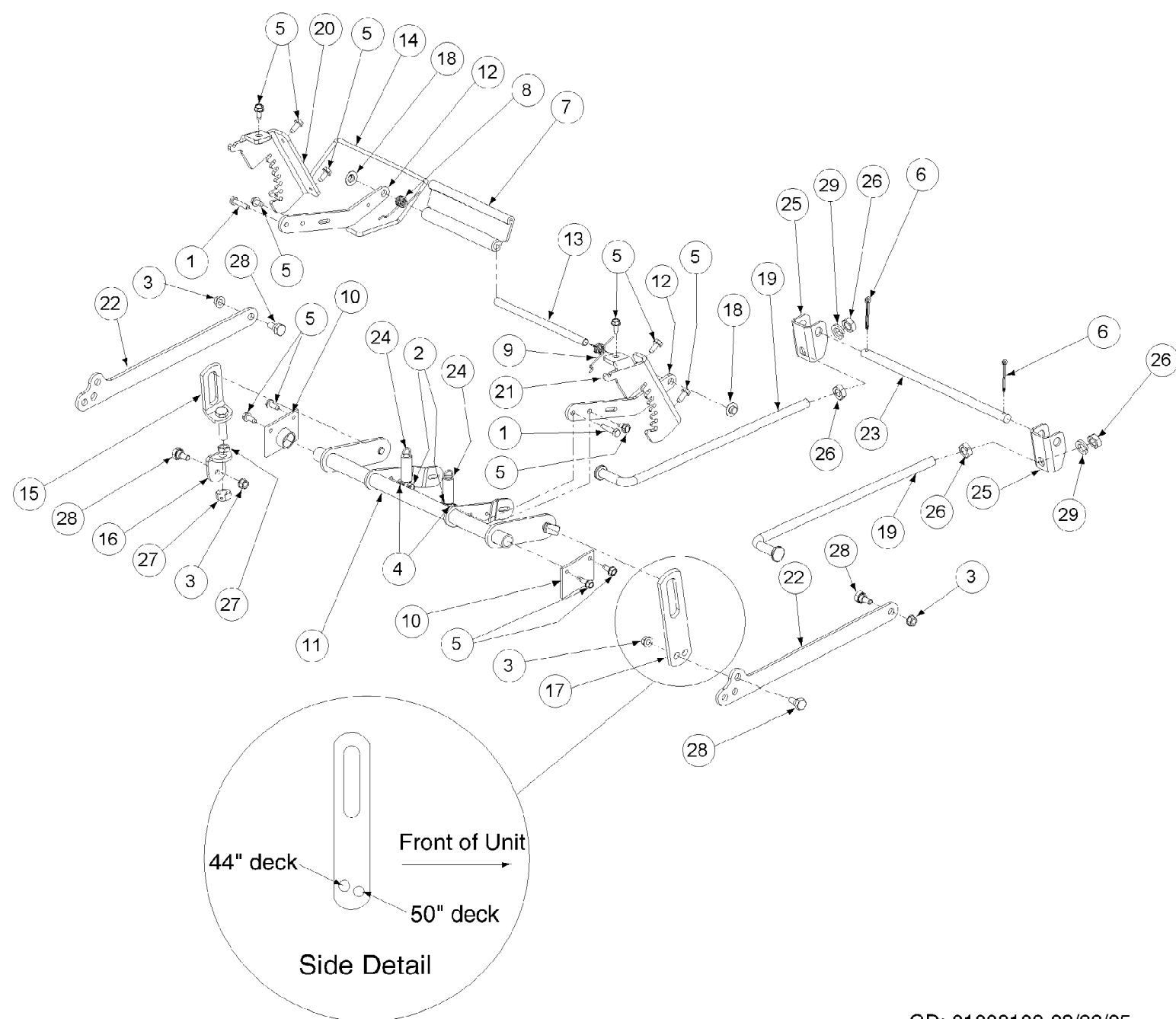
Z-Force 50 53AA5B7P
Kohler Engine Assembly 23HP (2006)

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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	1		Clamp, Union
5	00012470	2	S	Cable Tie, 3/16 x .05 x 7.4
6	00014608	2	/P	Lock Nut, Nylon Insert, 10-32
7	00011453	1		Hex Jam Nut, 3/8-24
8	00060056	1		Nut, w/ Star Washer
9	01000069	1	S	Fuel Cap
10	02002253	1	/P	Fuel Tank Groment
11	01000368	8	S	Hex Cap Screw, 3/8-16 x .88
12	01000389	1	S	Lock Washer, 7/16
13	01000635	4	S	Lock Nut, Hex Flange, 5/16-18
14	01000721	1	S	Machine Screw, 8-32 x .375
15	00083192	8		Idler Washer
16	01000811	2	S	Screw, 8-32 x .375, Hex Washer
17	01000813	1	S	Hex Cap Screw, 7/16-20 x 3.0
18	01003116	1		Fuel Pickup Fitting
19	01003283	1		Oil Drain Extension Hose
19	737-0103	1	S	Oil Drain Plug not shown
20	01004004	1	S	Throttle Control Knob
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	01008623	1		Exhaust Pipe
27	01008640	1		Clutch Retainer Assembly
28	01008808	1	S	Electric PTO Engine Pulley
29	02000427	1	S	23HP Kohler Engine
30	02000456	1		Kohler Muffler
31	02000477	1		Throttle Control Cable
32	02000478	1		Choke Cable
33	01008531	2	S	Screw, #10-32 x 0.500
34	01002710	2		Washer, 3/8 x .738 x .063
35	01002150	1	S	Hose Clamp, 1/4-5/8, SS

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Lift Assembly (2006 & Prior)

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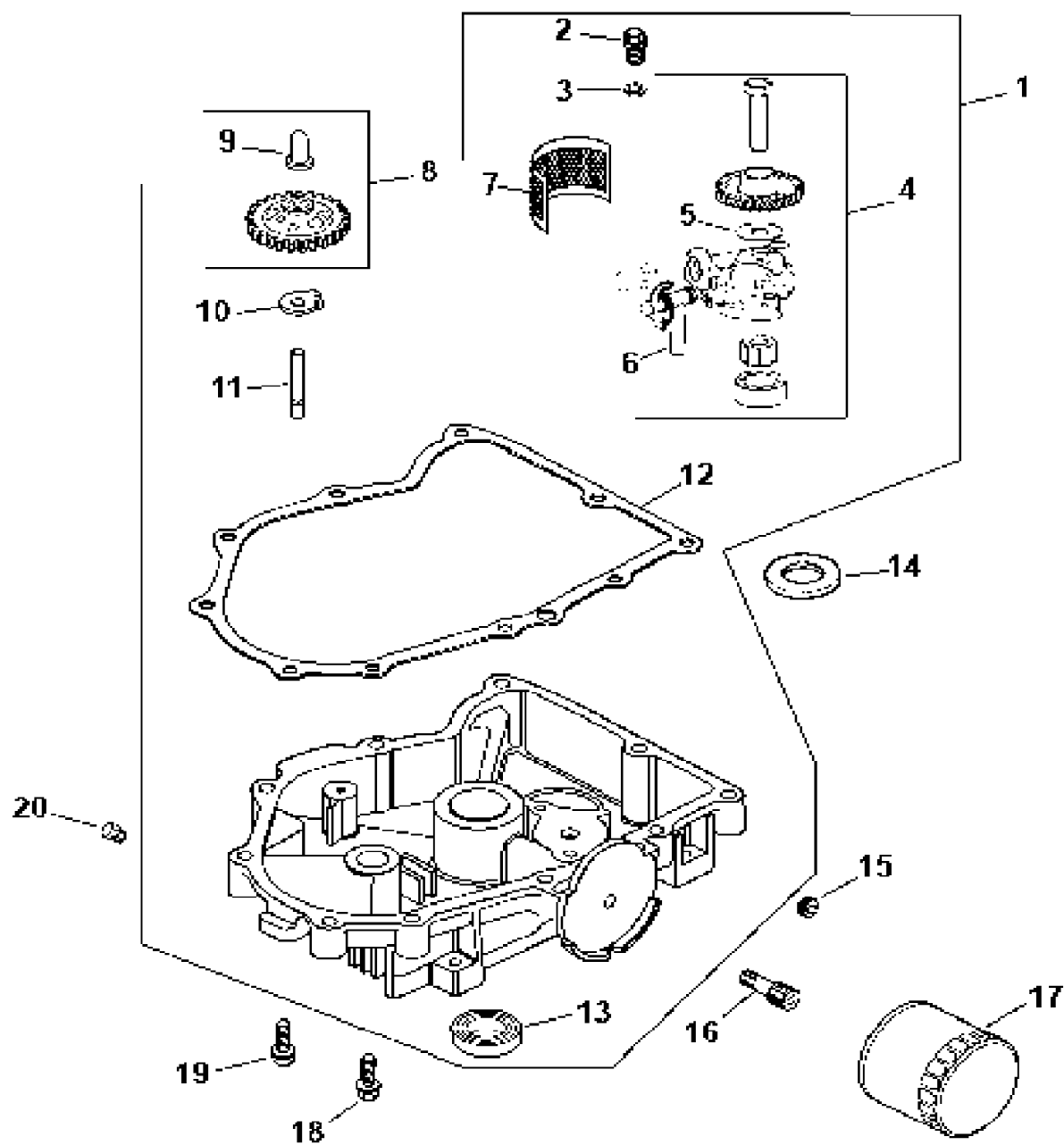


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Lift Assembly (2006 & Prior)

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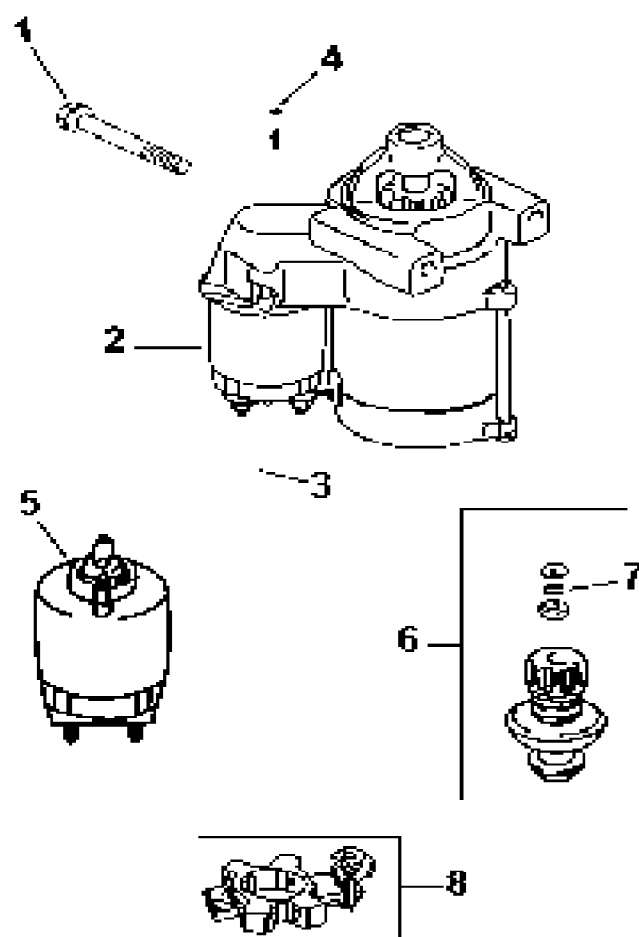
Ref #	Part Number	Qty	S/P/F	Description
1	00012382	2		Hex Cap Screw, 5/16-18 x 1-1/2
2	00022547	2		Nut, 5/16-18, Center Lock
3	00022560	4		Nut, 3/8-16, Hex Flange Lock
4	00012166	2		Hex Nut, 5/16-18
5	01008620	12		Self Tapping Screw, 5/16-18 x 3/4
6	00060018	2		Cotter Pin, 3/16 x 1-1
7	01008139	1	/P	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	02000833	1	S	Upper Link Lift Assembly, Left Hand
16	01008183	1	S	Lower Lift Bracket, Left Hand
17	02000836	1		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	01002586	1	/P	Front Lift Rod
24	01008573	2	S	Lift Spring
25	01008638	2		Front Lift Bracket
26	00035632	4	S	Jam Nut, 5/8-11
27	01008658	2		Jam Nut, 1/2-20
28	02000393	4		Shoulder Screw, 3/8-16, .56 x .27
29	02000671	2		Lock Washer, 5/8



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Oil Pan and Lubrication

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Ref #	Part Number	Qty	S/P/F	Description
1	KH-24-199-21-S	1		Oil Pan w/Gasket Kit
2	KH-M-645025-S	2	/P	Screw
3	KH-M-631005	2	/P	Washer
4	KH-24-393-37-S	1	S	Oil Pump Kit
5	KH-24-153-01	1	/P	O-Ring
6	KH-24-381-11-S	1		Oil Pickup Tube
7	KH-24-162-26-S	1		Oil Screen
8	KH-24-043-12	1	/P	Governor Gear w/Pin Kit
9	KH-12-380-01	1	/P	Pin
10	KH-24-448-02-S	1		Locking Tab
11	KH-12-144-02	1		Governor Gear Shaft
12	KH-24-041-54-S	1	/P	Oil Pan Gasket
13	KH-52-032-08-S	1	S	Seal
14	KH-24-422-03-S	1		Thrust Shim
15	KH-25-139-62-S	1	/P	Pipe Plug
16	KH-24-136-01	1		Oil Filter Nipple
17	KH-12-050-08	1	S	Oil Filter
18	KH-24-086-17-S	1	/P	Hex Flange Screw
19	KH-24-086-16-S	9	S	Hex Flange Screw (M6 x 1.0 x 25)
20	KH-52-139-02	1	/P	Plug



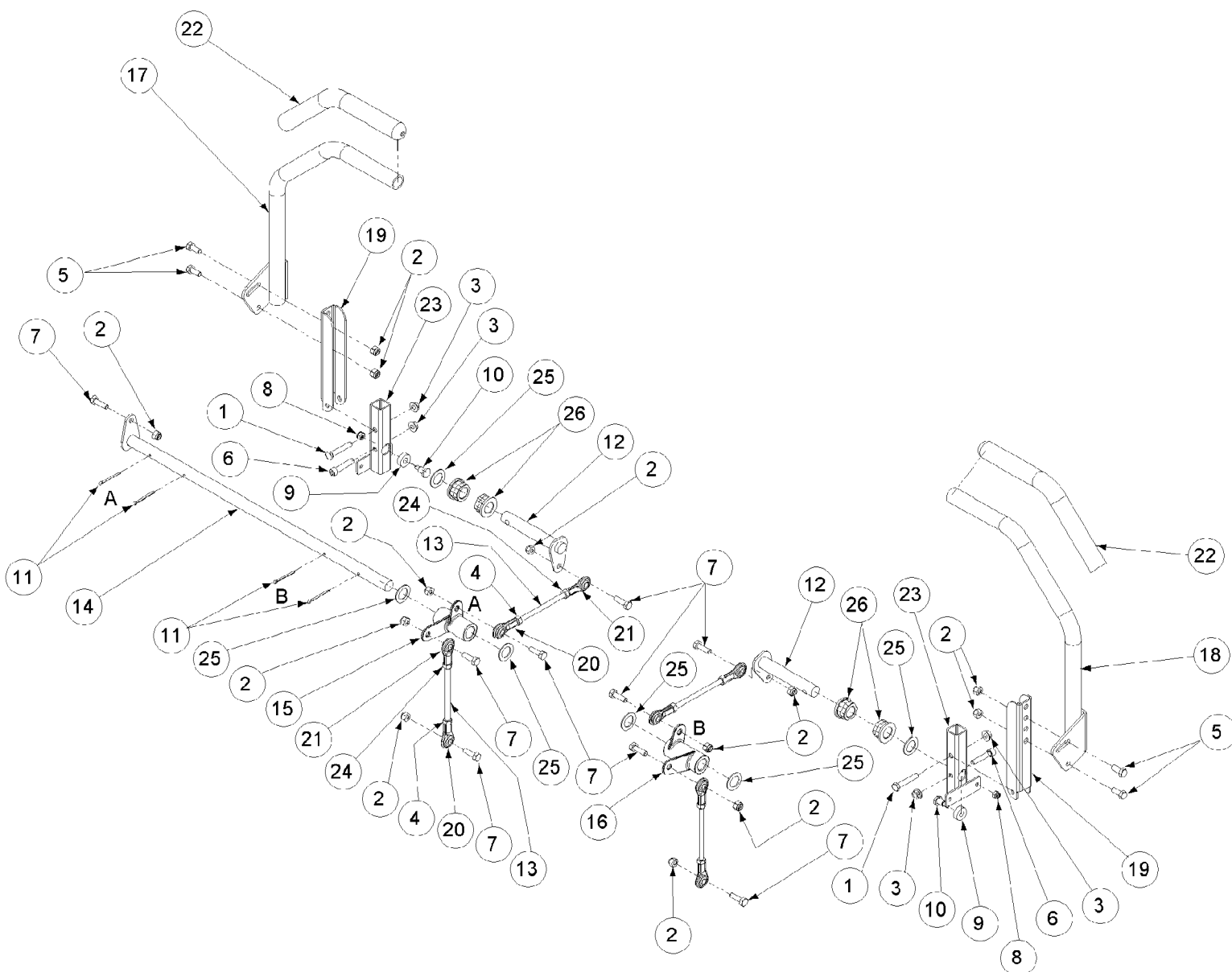
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Starting System

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Ref #	Part Number	Qty	S/P/F	Description
1	KH-M-839080	2	S	Hex Flange Screw (M8 x 1.25 x 80)
2	KH-M-0841080	1	S	Hex Flange Nut (M8 x 1.25)
3	KH-25-098-09-S	1	S	Solenoid Shift Starter
4	KH-25-086-113-S	3		External Torx Head Screw
5	KH-25-435-05-S	1	S	Solenoid Kit
6	KH-25-755-33-S	1		Starter Pinion Kit
7	KH-25-141-05-S	1		Ring
8	KH-25-221-01-S	1		Brush Kit

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Steering Assembly (2006 & Prior)

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Steering Assembly (2006 & Prior)

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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