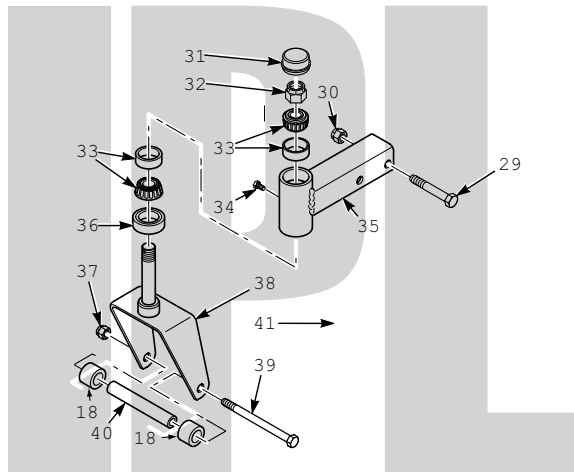


SCAG[®]

POWER EQUIPMENT



ILLUSTRATED PARTS MANUAL



V-RIDE XL

THIS MANUAL CONTAINS THE ILLUSTRATED PARTS LIST FOR MODELS:

SVRXL-52V-40BV-EFI	with a serial number of	W9600001 to W9699999
SVRXL-61V-38FX-EFI	with a serial number of	W9700001 to W9799999
SVRXL-61V-40BV-EFI	with a serial number of	W9800001 to W9899999
SVRXL-72V-38FX-EFI	with a serial number of	W9900001 to W9999999
SVRXL-72V-40BV-EFI	with a serial number of	X0000001 to X0099999
SVRXL-52V-38FX-EFI	with a serial number of	Y0200001 to Y0299999
SVRXL-61V-38CV-EFI	with a serial number of	Y0300001 to Y0399999

Table of Contents

SVRXL - 52V, 61V, 72V CUTTER DECK	2
SVRXL CUTTER DECK CONTROLS	4
SVRXL SHEET METAL COMPONENTS	6
SVRXL STEERING CONTROLS	8
SVRXL FUEL SYSTEM	10
SVRXL HYDRAULICS AND ENGINE COMPONENTS	12
SVRXL ELECTRICAL SYSTEM	14
BDP-16A HYDRAULIC PUMP ASSEMBLY WITH COOLING FAN	16
REPLACEMENT DECALS AND INFORMATION PLATES	18
SVRII ELECTRICAL SCHEMATIC - ELECTRIC START MODELS	20
SVRXL - KAWASAKI 38FX EFI ELECTRICAL SCHEMATIC	21
SVRXL - BRIGGS & STRATTON 40BV EFI ELECTRICAL SCHEMATIC	22
BRIGGS & STRATTON 40BV-EFI ENGINE ADAPTER ELECTRICAL SCHEMATIC	23

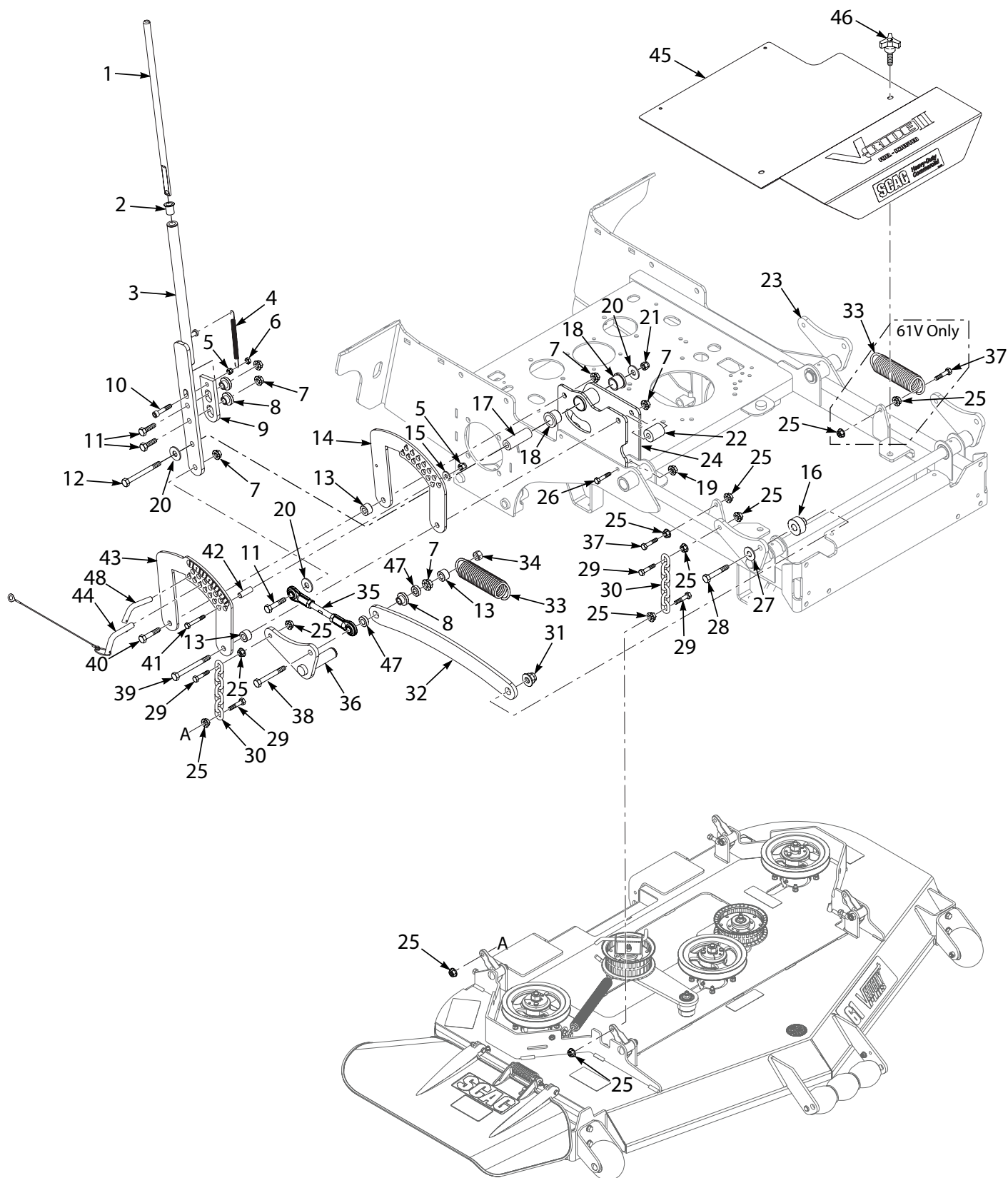
This exploded view diagram illustrates the assembly of a 61V Velocity vacuum cleaner. The main components are shown in their relative positions, with numbered callouts (1-82) identifying individual parts. Key sub-assemblies include the motor unit (top right), the belt drive system (center), and the main body (bottom). The diagram also shows the attachment of the floor head (bottom left) and the dust container (bottom right). Two callouts provide additional information: one for '61V Only' parts (78, 14, 15) and another for parts 'Excludes 48V' (62, 61, 62). The '61 V' logo is visible on the main body.

SVRXL - 52V, 61V, 72V CUTTER DECK

Ref. No.	Part No.	Description
1	04021-09	Nut, Elastic Stop 3/8-16
2	2	Bolt, Hex Head 1/4-20 x 1" Gr.8
3	04020-09	Nut, 5/8-11
4	48926	Tapered Hub
5	424615	Bracket, Belt Guide
6	04043-04	Washer, Flat 3/8-.391 x .938 x .105 HD
7	424367	Dust Shield
8	487786	Pulley, 6.45" Dia. - 52V
	487787	Pulley, 7.5" Dia - 61V
	487788	Pulley, 8.75" Dia - 72V
9	483210	Pulley, 5" Idler
10	487789	Belt, Cutter Deck - 52V
	487790	Belt, Cutter Deck - 61V
	487791	Belt, Cutter Deck - 72V
11	483215	Pulley, 5" Idler
12	48224	Bearing
13	463609	Idler Arm Assy. - 52V (Incl. #12)
	463610	Idler Arm Assy. - 61V (Incl. #12)
	463611	Idler Arm Assy. - 72V (Incl. #12)
14	04019-04	Nut, Serrated Flange 3/8-16
15	04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Gr.8
16	43681	Pivot, Idler
17	04001-62	Bolt, Hex Head 3/8-16 x 3-1/4"
18	484020	Spring
19	04001-09	Bolt, Hex Head 5/16-18 x1"
20	04117-01	Nut, Flange Elastic Stop 5/16-18
21	45944	Shaft Weldment
22	48038	Guide Roller
23	48114-08	Grease Fitting, 90 Degree
24	463552	Pusharm Assy, LH
	463553	Pusharm Assy, RH
25	04020-16	Nut, 5/18 - 18
26	48763	Rod End, 5/8 Male RH
27	451240	Shaft Weldment, Pusharm Mounting
28	04001-09	Bolt, Hex Head 5/16-18 x 1"
29	04021-10	Nut, Elastic Stop 5/16-18
30	485528	Lever, Deck Level
31	04110-03	U-Nut, 3/8-16
32	04003-42	Bolt, Carriage 7/16-14 x 2-1/4"
33	04021-11	Nut, Elastic Stop 7/16-14
34	04107-05	Bolt, Hex Head 3/8-16 x 2-1/2" Special Lock
35	483176	Pad, Wear
36	04003-12	Bolt, Carriage 5/16-18 x 3/4"
37	04040-04	Washer, Flat 5/16-.344 x .688 x .065
38	04021-04	Nut, Center Lock 5/16-18
39	461663	Spindle Assembly
40	43589	Spindle Shaft
41	481024	Seal, Cutter Spindle
42	481022	Bearing, Tapered

Ref. No.	Part No.	Description
43	48114-04	Grease Fitting
44	487661	Relief Fitting, Cutter Spindle
45	43644	Spindle Housing
46	43312	Spacer, Outside
47	43296	Spacer, Inside
48	481025	Seal, Cutter Spindle
49	43297	Spindle Bushing
50	481035	Nut, 1.06 - 18
51	04063-08	Key, 1/4 x 1/4 x 2"
52	6	Bolt, Hex Head 5/16-18 x 1-3/4" Gr.8
53	43590	Spacer, Spindle Bottom
54	482878	Cutter Blade, 18" (52V)
	482881	Cutter Blade, 21" (61V)
	482882	Cutter Blade, 21" (72V)
55	04043-06	Washer, Flat 5/8-.688 x 1.75 x .134 HD
56	04001-41	Bolt, Hex Head 5/8-11 x 9-1/2"
57	424840	Baffle, Flange - 52V
	424841	Baffle, Flange - 61V
	424917	Baffle, Flange - 72V
58	04003-23	Bolt, Carriage 3/8-16 x 1"
59	482295	Wheel, Anti-Scalp
60	463601	Cutter Deck w/Decals - 52V
	463602	Cutter Deck w/Decals - 61V
	463603	Cutter Deck w/Decals - 72V
61	481632	Wheel, Anti-Scalp (Incl. #64)
62	487033-01	Bushing, Bronze
63	427865	Bracket, Anti-Scalp Wheel
64	04003-26	Bolt, Carriage 3/8-16 x 4"
65	04021-05	Nut, Center Lock 3/8-16
66	04017-27	Bolt, Hex Head Serrated Flange 3/8-16 x 1"
67	04030-03	Washer, Lock 5/16"
68	04021-22	Nut, Elastic Stop 5/16-18 Gr. 8
69	04001-47	Bolt, Hex Head 3/8-16 x 5"
70	04001-62	Bolt, Hex Head 3/8-16 x 3-1/4"
71	04041-38	Washer, Flat 3/8-.406 x 2.25 x .1875
72	04001-12	Bolt, Hex Head 5/16-18 x 1-3/4"
73	483378	Spring, Discharge Chute
74	04001-154	Bolt, Hex Head 5/16-18 x 4-3/4"
75	461845	Discharge Chute Assy. - 52V
	461846	Discharge Chute Assy. - 61V
	462132	Discharge Chute Assy. - 72V
76	481625-01	Knob w/Stud
	04110-03	U-Nut, 3/8-16 (not shown)
77	429689	Belt Cover, LH, RH- 52V
	429658	Belt Cover - LH, RH - 61V
	429681	Belt Cover, LH - 72V
	429692	Belt Cover, RH - 72V
78	427399	Anchor Bracket -
79	424677	Turbo Baffle - 52V
	424209	Turbo Baffle - 61V, 72V
80	04040-15	Washer, Flat 5/16-.375 x .875 x .083
81	04021-10	Nut, Elastic Stop 5/16-18
82	04021-13	Bolt, Hex Head 3/8 - 16 x 2.5"
83	04001-79	Nut, Elastic Stop 5/8 - 11

SVRXL CUTTER DECK CONTROLS

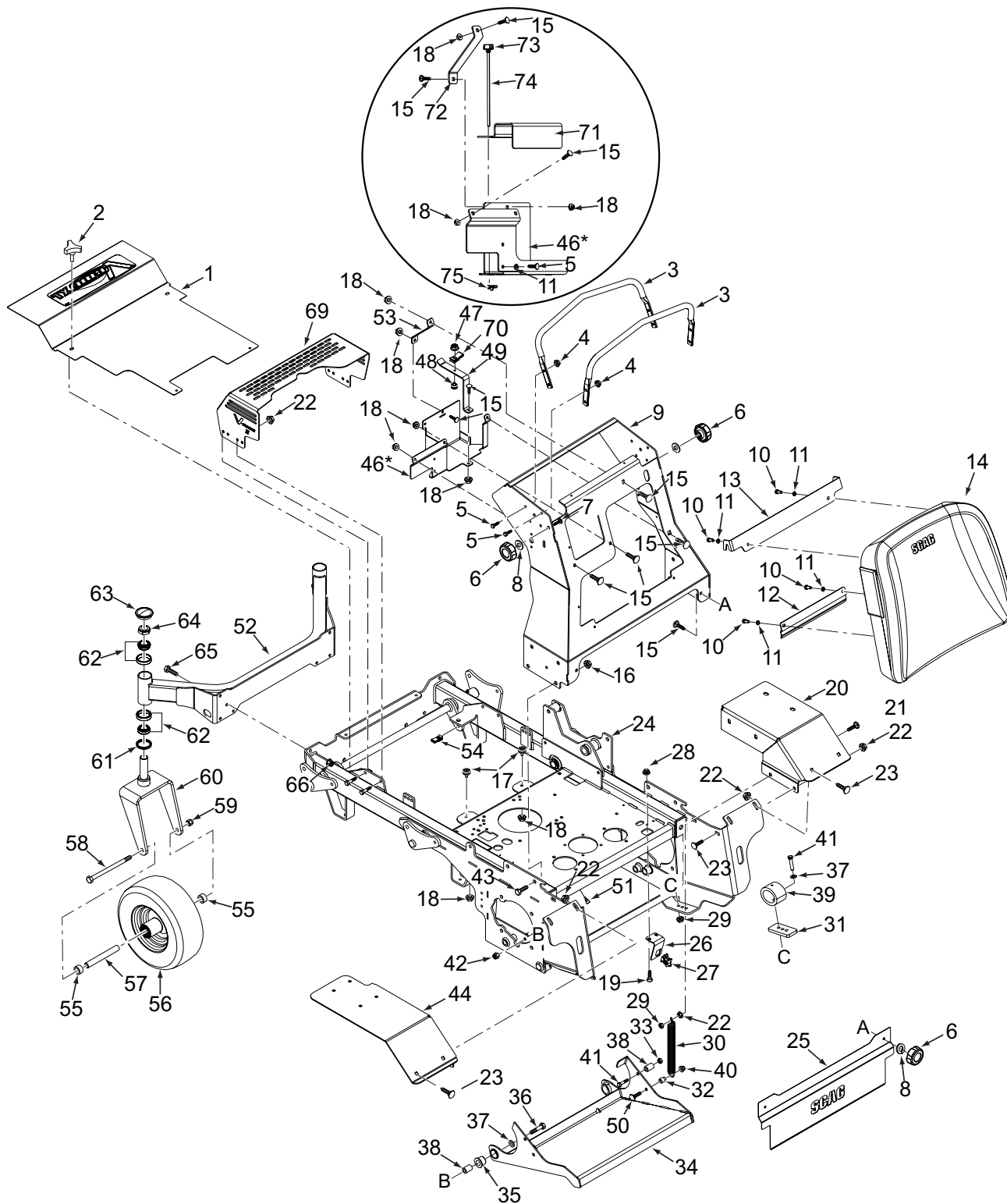


SVRXL CUTTER DECK CONTROLS

Ref. No.	Part No.	Description
1	431224	Rod, Actuator, Deck Latch
2	483453-14	Bearing, .625 ID
3	453257	Handle Weldment, Deck Latch
4	483600	Spring, Deck Latch
5	04021-09	Nut, Elastic Stop 3/8-16
6	04021-05	Nut, Center Lock 3/8-16
7	04019-06	Nut, Serrated Flange 1/2-13
8	431087	Bushing, Deck Lift
9	429732	Deck Latch, Outer
10	04015-41	Capscrew, Socket Head 3/8-16 x 1-3/4"
11	04001-183	Bolt, Hex Head 1/2-13 x 1-3/4"
12	04001-194	Bolt, Hex Head 1/2-13 x 4-1/4"
13	43806	Spacer, Deck Linkage
14	429582	Bracket, Deck Height
15	04041-07	Flatwasher, 3/8-.391 x .938 x .105
16	431088	Bushing, Deck Lift
17	43872	Sleeve, Pivot
18	483453-03	Bearing
19	04117-02	Nut, Elastic Stop, 3/8-16
20	04043-08	Washer, Flat, 1/2-.562 x 1.375 x .109 HD
21	04021-07	Nut, Elastic Stop 1/2-13
22	431054	Spacer, Decklift Pivot
23	453258	Arm Weldment, LH
24	463561	Deck Lift Pivot Assy. (Incl. #18)

Ref. No.	Part No.	Description
25	04019-04	Nut, Serrated Flange 3/8-16
26	04001-19	Bolt, Hex Head 3/8-16 x 1"
27	04043-08	Washer, Flat, 1/2-.562 x 1.375 x .109 HD
28	04001-52	Bolt, Hex Head 1/2-13 x 2-1/2"
29	04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"
30	482628	Chain Assy. (INCL #25,29)
31	04117-04	Nut, Flange Elastic Stop 1/2-13
32	429442	Link, Deck Lift
33	481598	Spring, Deck Lift
34	04021-19	Nut, Center Lock 1/2-13
35	487656	Link, Deck Lift
36	427201	Arm Weldment, RH
37	04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Gr.8
38	04001-145	Bolt, Hex Head 1/2-13 x 3 1/2"
39	04001-87	Bolt, Hex Head 1/2-13 x 4"
40	04001-72	Bolt, Hex Head, 1/2-13 x 2"
41	04001-46	Bolt, Hex Head 3/8-16 2-1/4"
42	43668	Spacer
43	463600	Lift Assembly, Deck Height
44	485857	Pin Assy. w/Lanyard
45	494214	Belt Cover w/Decals
46	481625-01	Knob w/Stud
47	43508	Spacer
48	485172	Pin Weight Retention

SVRXL SHEET METAL COMPONENTS



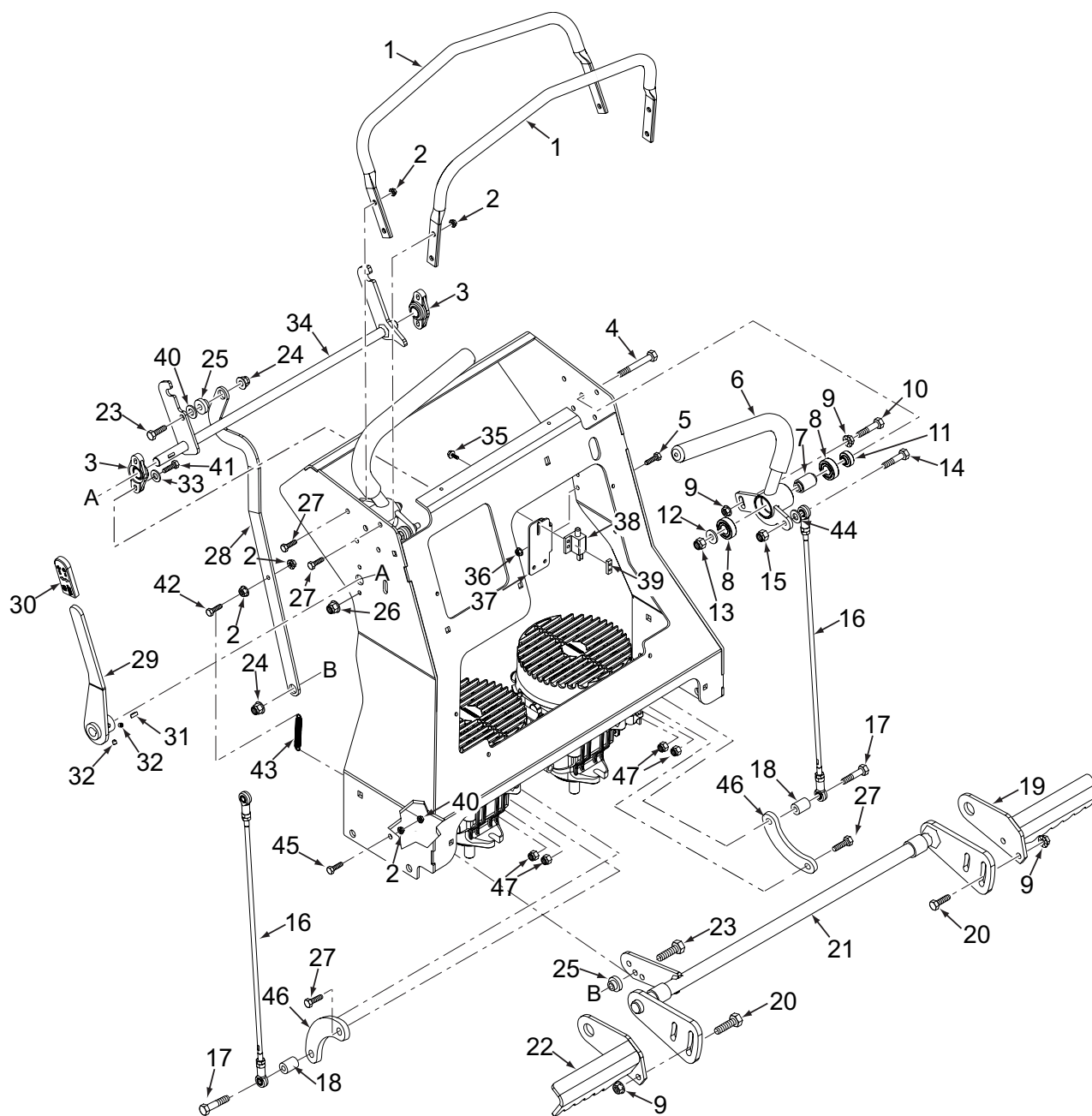
SVRXL SHEET METAL COMPONENTS

Ref. No.	Part No.	Description
1	494214	Belt Cover w/Decals
2	481625-01	Knob w/Stud
3	427189	Reference Bar
4	04019-03	Nut, Serrated Flange 5/16-18
5	04001-08	Bolt, Hex head 5/16-18 x 3/4"
6	481885-06	Knob, 5/16-18
7	04003-04	Bolt, Carriage 5/16-18 x 1"
8	04024-03	Nut, Push-On 5/16
9	453252	Handlebar Weldment
10	04001-08	Bolt, Hex head 5/16-18 x 3/4"
11	04030-03	Washer, Lock 5/16"
12	427292	Bracket, Knee Pad - Lower
13	427289	Bracket, Knee Pad - Upper
14	463291	Operator Pad Assy, SVRXL (INCL. 10,11,12,13)
15	04003-12	Bolt, Carriage 5/16-18 x 3/4"
16	04112-05	Nut, Spiral Lock 1/2-13
17	481284	Rubber Bumper
18	04019-03	Nut, Serrated Flange 5/16-18
19	04001-01	Bolt, Hex Head 1/4-20 x 3/4"
20	429603	Fender, RH
21	04003-05	Bolt, Carriage 3/8-16 x 1-1/2"
22	04019-04	Nut, Serrated Flange 3/8-16
23	04003-31	Bolt, Carriage 3/8-16 x 3/4"
24	463367	Mainframe Assy. - SVRXL
25	429654	Guard, Foot -SVRXL
26	428491	Switch Bracket, OPC Switch
27	48717	Switch, OPC - SVRXL
28	04019-02	Nut, Serrated Flange 1/4-20
29	04117-02	Nut, Flange Elastic Stop 3/8-16
30	48755	Spring
31	428526	Riser, Bumper
32	43602	Spacer
33	04021-05	Nut, Elastic Stop 3/8-18
34	463562	Footplate Assy, SVRXL (Incl. #35)
35	486834	Bearing
36	04001-45	Bolt, Hex Head 3/8-16 x 2"
37	04041-07	Washer, Flat 3/8-.391 x .938 x .105
38	43572	Spacer
39	486758	Isolator, Footplate
40	04117-01	Locknut w/flange Elastic Stop

Ref. No.	Part No.	Description
41	04001-21	Bolt, Hex Head 3/8-16 x 1-3/4"
42	04021-09	Nut, Elastic Stop 3/8-16
43	04017-36	Bolt, Hex Head Serrated Flange 1/2-13 x 1"
44	429602	Fender, LH
45	04110-01	U-Nut 1/4 - 20
46*	429835	Battery Box, Tray
47	04019-03	Nut, Serrated Flange 5/16-18
48	481284	Bumper, Rubber
49	429836	Strap, Battery Box
50	04003-38	Carriage Bolt 5/16-18 x 1-1/2"
51	485846	Bumper, Plug
52	453440	Caster Support Weldment (52)
	453441	Caster Support Weldment (61)
	453442	Caster Support Weldment (72)
53	429837	Support Strap, Battery Box
54	04110-04	U-Nut 3/8-16
55	43584	Spacer, Caster Wheel
56	924C	Caster Wheel Assy., 13 X 6.5 (61)
57	43581	Sleeve, Caster Wheel (52)
	43583	Sleeve, Caster Wheel (61)
58	04001-134	Bolt, Hex Head 1/2-13 x 7-1/2" (52)
	04001-167	Bolt, Hex Head 1/2-13 x 9-1/2" (61)
59	04021-07	Nut, Elastic Stop 1/2-13
60	453110	Yoke Weldment (52, 61, 72)
61	481025	Seal, 2" x 1.625 Bore
62	48668	Bearing
63	484195	Cap, Grease
64	04021-20	Nut, Elastic Stop 1" - 14 Jam
65	04001-28	Bolt, Hex Head 7/16-14 x 1-1/4"
66	04117-05	Nut, Flange Elastic Stop 7/16-14
67	04110-04	U-Nut, 3/8-16
68	04003-12	Bolt, Carriage 5/16-18 x 3/4"
69	429649	Heat Shield Muffler
70	48030-11	Cable Clamp
71	429160	Battery Cover
72	429643	Support Strap, Battery Box
73	485698-01	Wing Knob
74	04001-221	Cap Screw, Hex Head 9/16-12 UNC X 2.25
75	04110-01	U-Nut

*Model 8B49W, Serial number range Y0300001-Y0300143.

SVRXL STEERING CONTROLS



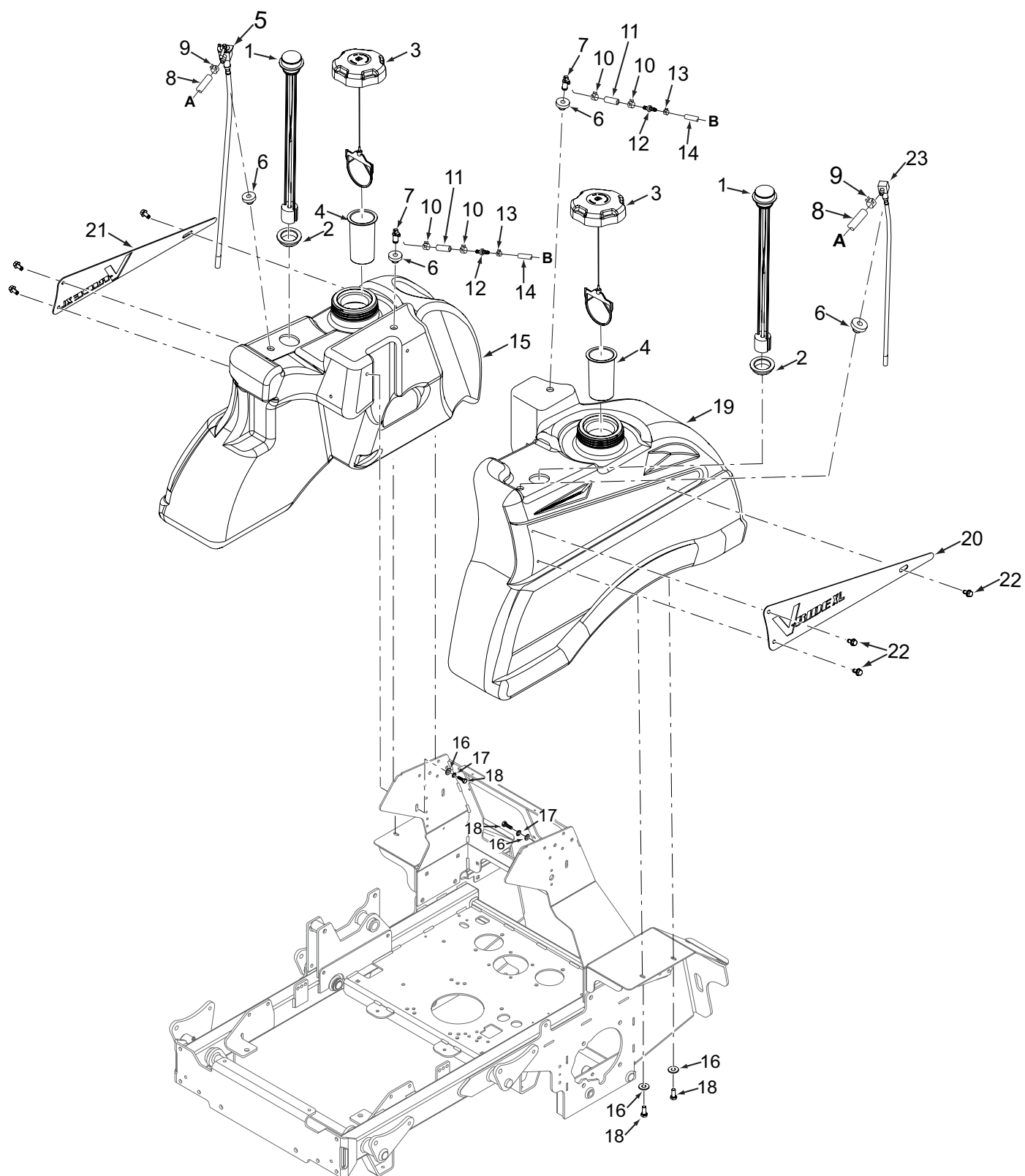
SVRXL STEERING CONTROLS

Ref. No.	Part No.	Description
1	427189	Reference Bar
2	04019-03	Nut, Serrated Flange 5/16-18
3	483504	Bearing
4	04001-62	Bolt, Hex Head 3/8-16 x 3-1/4"
5	04001-01	Bolt, Hex Head 1/4-20 x 3/4"
6	462912	Handlebar Assy., LH (Incl. # 7, 8)
	462913	Handlebar Assy., RH (Incl. #7, 8)
	484092	Grip, Control Lever
7	43600	Spacer, Bearing
8	48224	Bearing
9	04019-04	Nut, Serrated Flange 3/8-16
10	04001-45	Bolt, Hex Head 3/8-16 x 2"
11	431024	Spacer, Controls
12	04043-04	Washer, Flat 3/8-.391 x .938 x .105 HD
13	04021-09	Nut, Elastic Stop 3/8-16
14	04001-10	Bolt, Hex Head 5/16-18 x 1-1/4"
15	04021-10	Nut, Elastic Stop 5/16-18
16	487784	Linkage Assy., Steering
17	04001-17	Bolt, Hex Head, 5/16-18 UNC X 2.00
18	43749	Spacer
19	452842	Brake Paddle Weldment, RH
20	04003-23	Bolt, Carriage 3/8-16 x 1"
21	453253	Bellcrank Weldment, Brake

Ref. No.	Part No.	Description
22	452841	Brake Paddle Weldment, LH
23	04001-32	Bolt Hex Head 3/8-16 x 1-1/4"
24	04117-02	Nut, Flange Elastic Stop 3/8-16
25	48100-30	Bushing, Oilite
26	04117-03	Nut, Flange Elastic Stop 1/4-20
27	04001-08	Bolt, Hex Head 5/16-18 x 3/4"
28	429754	Link, Brake Engage
29	463265	Brake Lever Assy. - SVRXL (Incl. #30,32)
30	486696	Grip, Brake Lever
31	04063-05	Key, 3/16 X 3/16 X 1.50
32	04012-15	Set Screw 1/4-20 x .38 x 1/4"
33	04040-03	Washer, Flat 1/4-.281 x .625 x .065
34	452830	Lock Weldment, Neutral
35	04010-12	Screw, #10-32 x 3/4" Tapitite
36	04019-02	Nut, Serrated Flange 1/4-20
37	427269	Bracket, Neutral Switch
38	481637	Switch, Interlock
39	422373	Plate, Threaded
40	04019-03	Nut, Serrated Flange 5/16-18
41	04001-14	Bolt, Hex Head, 1/4-20 x 1"
42	04001-11	Bolt, Hex Head, 5/16-18 x 1 1/2"
43	484038	Spring, Brake Return
44	04040-04	Washer, Flat 5/16-.344 x .688 x .065
45	04001-11	Bolt, Hex Head, 5/16-18 x 1 1/2"
46*	4200256	Stiffner, Pumps
47	04117-01	Nut, Flange Elastic Stop, 5/16-18

*Older model units did not include the reinforcement plate (p/n 4200256), this should be added if the pump is replaced.

SVRXL FUEL SYSTEM

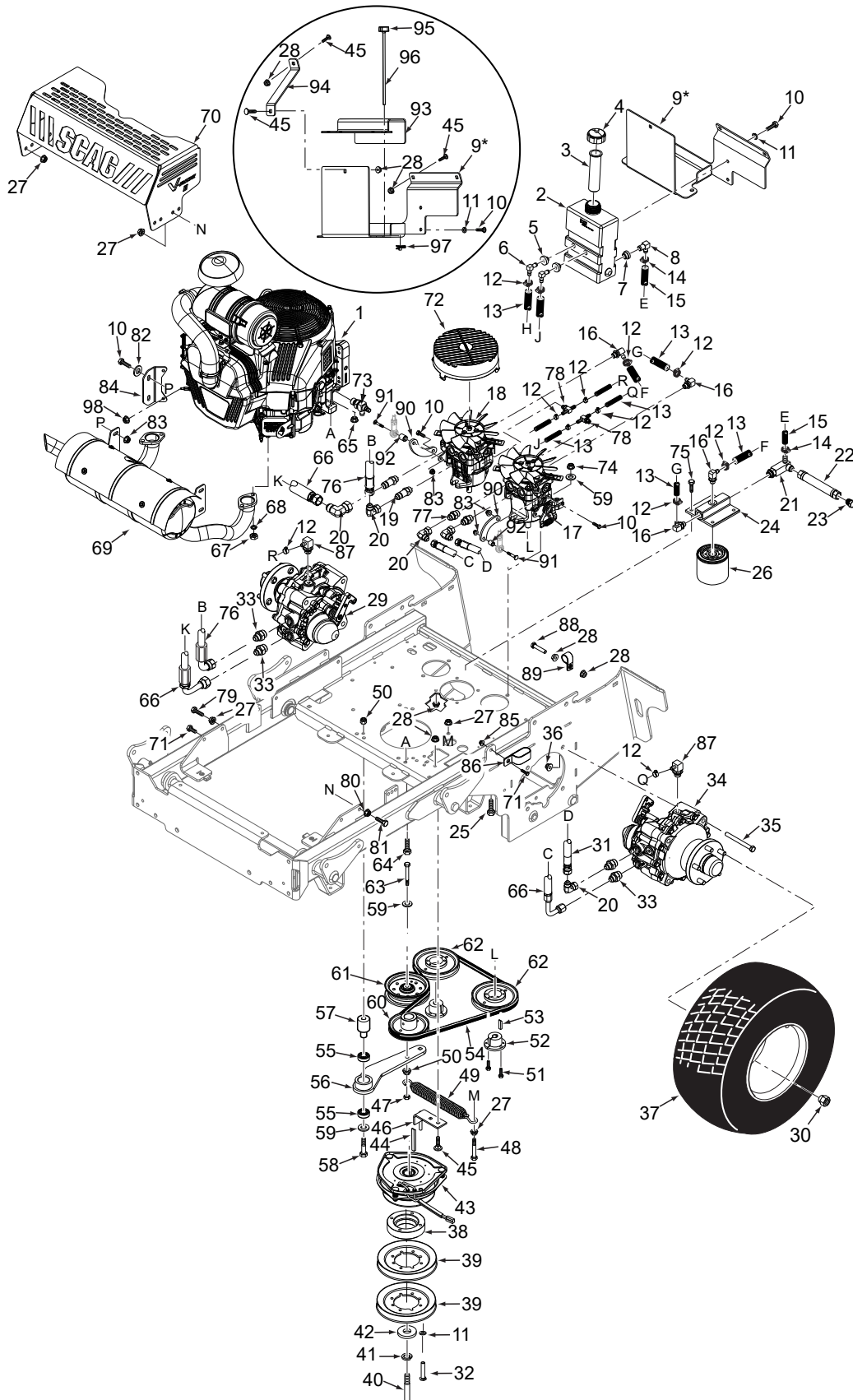


SVRXL FUEL SYSTEM

Ref. No.	Part No.	Description
1	487689	Fuel Gauge Assy., 14.6" (32) (Incl. #2)
2	484242	Seal, Fuel Gauge
3	484286	Fuel Cap, Tethered
	484297-01	Fuel Cap, Tethered - CA models only
4	484279-03	Tube, Fuel Tank Insert
5	487802	Valve, Fuel Shutoff (32)
6	482571	Bushing, .56 Viton
7	486852	Remote Vent
8	483617	Fuel Hose, 1/4" ID (order by inch)
9	48059-01	Clamp, Fuel Hose
10	48059-02	Clamp, Fuel Hose 7/32" ID
11	484347	Hose, Vapor Recovery 1/4" (order by inch)
12	484343-01	Mender, 1/4 x 3/16 w/.02 Hole

Ref. No.	Part No.	Description
13	48059-05	Clamp, Vapor Recovery Hose 3/16"
14	484345-16	Hose, Vapor Recovery 3/16" (order by inch)
15	463555	Fuel Tank Assy. RH, (Incl. #1,2,5,6,7, 15, 28)
16	04040-15	Washer, Flat 5/16-.375 x .875 x .083
17	04030-03	Washer, Lock 5/16"
18	04001-08	Bolt, Hex Head 5/16-18 x 3/4"
19	463554	Fuel Tank Assy. LH, (Incl. #1,2,5,6,7, 26, 28)
20	429564	Plate, LH Tank
21	429565	Plate, RH Tank
22	04139-01	Hex Head Capscrew, 1/4-20 x 1/2"
23	487691	Fuel Pickup Line

SVRXL HYDRAULICS AND ENGINE COMPONENTS



SVRXL HYDRAULICS AND ENGINE COMPONENTS

Ref. No.	Part No.	Description
1	487604*	Engine, 40 BV-EFI, Briggs & Stratton
	486726*	Engine, 38 FX-EFI, Kawasaki
	487294*	Engine, 38 CV-EFI, Kohler
2	462946	Hydro Tank Assy., SVRXL (Incl. #3,4,5,6,7,8)
3	481507	Insert, Filler Neck
4	481164	Cap, Hydro Tank
5	482571	Bushing, .56 Viton
6	482572	Fitting, 90 Degree x .38 Hose
7	482573	Bushing, .78 Viton
8	482574	Fitting, 90 Degree x .50 Hose
9*	429641*	Tray, Battery Box
10	04001-08	Bolt, Hex Head 5/16-18 x 3/4"
11	04030-03	Washer, Lock 5/16"
12	48136-13	Clamp, Hose
13	48811	Hose, 3/8" Pushlock (order by inch)
14	48136-05	Clamp, Hose
15	48351	Hose, 1/2" Pushlock (order by inch)
16	482266-01	Elbow, 90 Degree - O-Ring
17	486914	Pump Assy. LH
	HG51602	Pump Linkage
18	486915	Pump Assy. RH
	HG51602	Pump Linkage
19	485830	Union, O-Ring to JIC
20	481203-02	Elbow, JIC Swivel
21	485847	Tee, 3/4 O-Ring
22	485870	Drain, Hose Assembly (Incl. #23)
23	48771-02	Plug, JIC 3/4-16 UNF
24	482417	Filter Head
25	04001-20	Bolt, Hex Head 3/8-16 x 1 1/2"
26	48462-01	Filter
27	04019-04	Nut, Serrated Flange 3/8-16
28	04019-03	Nut, Serrated Flange 5/16-18
29	487578	Wheel Motor, RH
30	04028-02	Wheel Nut,
31	485792	Hose Assy., SVRII - 27.50
32	04002-33	Metric Hex Head Capscrew 1.25 X 15
33	48572-04	Tube, Union 1/2 x 3/4 - 16
34	487577	Wheel Motor, LH
35	04063-25	Key, Woodruff 5/16 x 1" (not shown)
36	04117-04	Nut, Flange Elastic Stop, 1/2-13
37	487739	Wheel Assy., 24 x 9.5 - 12 (4-Ply) (52)
	487806	Tire, 24 x 9.5 - 12 (52)
	487793	Rim w/Stem (52)
	487792	Wheel Assy., 24 x 12 - 12 (4-Ply) (61)
	485953	Tire, 24 x 12 - 12 (4-Ply) (61)
	487742	Rim w/Stem (61)
	487795	Wheel Assy., 24 x 12 - 12 (4-Ply) (72)
	487796	Rim w/Stem (72)
38	431082	Hub, Clutch Pulley
39	486172	Pulley, Clutch 7.3
40	04102-08	Bolt, Hex Head, 7/16-20 X 1.50w/Patch
41	04030-05	Washer, Lock 3/8"
42	04041-28	Washer, Flat 7/16, .469 x 1.75 x .25
43	486913	Clutch, GT 3.5
44	04063-28	Key, 1/4 x 1/4 x 3-1/2"
45	04003-12	Bolt, Carriage 5/16-18 x 3/4"
46	453493	Anti-Rotation Weldment
47	04019-04	Nut, Serrated Flange 3/8-16
48	04001-54	Bolt, Hex Head 3/8-16 x 3"

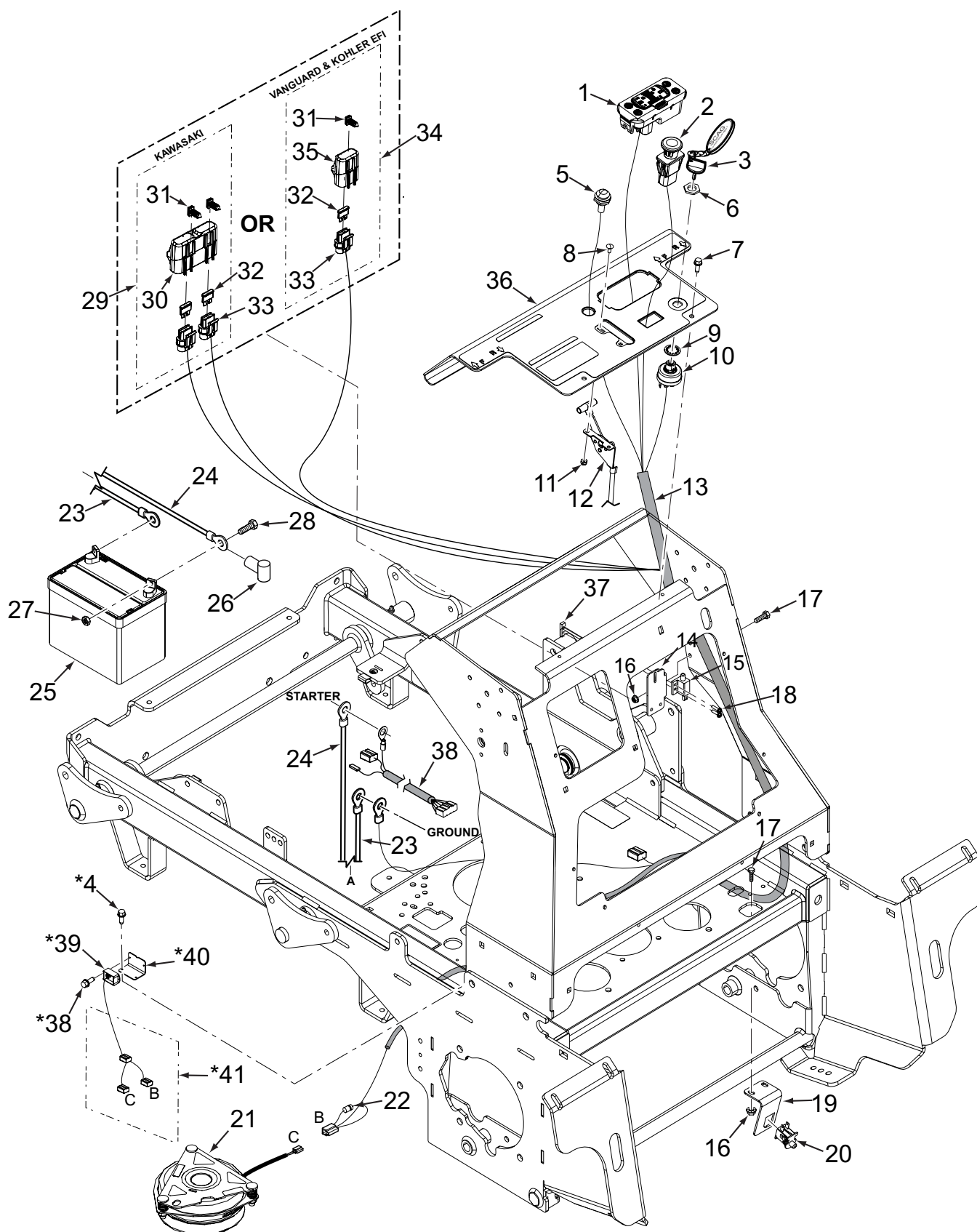
Ref. No.	Part No.	Description
49	483112	Spring, Transmission Idler
50	04019-04	Nut, Serrated Flange 3/8-16
51	04001-172	Bolt, Hex Head 1/4-20 x 1" Gr.8
52	481884	Tapered hub, 17MM Bore
53	04063-14	Key, 5 x 5 x 25mm
54	487821	Belt, Pump Drive
55	48224	Bearing
56	453013	Idler Arm Weldment, Pump Drive
57	43683	Pivot, Idler
58	04001-62	Bolt, Hex Head 3/8-16 x 3-1/4"
59	04043-04	Washer, Flat 3/8-.391 x .938 x .105 HD
60	486959	Pulley, 5.45" OD - 1.125 Bore
61	486213	Pulley, 4-1/2" Idler
62	482649	Pulley, 5.45" OD - Tapered Bore
63	04001-46	Bolt, Hex Head 3/8-16 2-1/4"
64	04001-20	Bolt, Hex Head 3/8-16 x 1 1/2"
65	04134-03	Nut, Top Lock w/ Flange, 3/8-16
66	485791	Hose Assy, 30.00
67	04025-04	Nut, N8-1.25
	04130-01	Lock Nut, M8-1.25 -8H
68	04033-01	Washer, Lock M8 Spring
69	487620	Muffler, 40 BV-EFI, Briggs & Stratton
	486814	Muffler, 38 FX-EFI, Kawasaki
	487362	Muffler, 38 CV-EFI, Kohler
	429649	Heat Shield Muffler
70	04001-19	Bolt, Hex Head 3/8-16 x 4-3/4"
71	485564	Fan Cover, Pump
72	483017	Oil Drain, STT 31BV
73	484089	Oil Drain, M20 THD
	487401	Oil Drain, 1/2 NPT
74	04021-09	Nut, Elastic Stop 3/8-16
75	04001-09	Bolt, 5/16-18 x 1"
76	485792	Hose Assy., SVRII - 30.00
77	48572-04	Union, 3/4"-16 JIC x 3/4"-16 O-Ring
78	482277	Fitting, Tee- O-Ring
79	04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Gr. 8
80	04019-04	Nut, Serrated Flange 3/8-16
81	04001-19	Bolt, Hex Head 3/8-16 x 1"
82	04040-15	Washer, Flat 5/16-.375 x .875 x .083
83	04117-01	Nut, Flange Elastic Stop 5/16-18
84	428248	Bracket, Muffler Mount
85	04117-02	Nut, Flange Elastic Stop 3/8-16
86	48030-18	Clamp, Cable
87	482266-02	Elbow, 90Degree - O-Ring
88	04001-11	Bolt, Hex Head
89	48030-10	Clamp, Cable .75
90**	4200256	Stiffner, Pumps
91	04001-17	Bolt, Hex Head, 5/16-18 UNC X 2.00
92	43749	Spacer
93	429160	Battery Cover
94	429643	Support Strap, Battery Box
95	485698-01	Wing Knob
96	04001-221	Cap Screw, Hex Head 9/16-12 UNC X 2.25
97	04110-01	U-Nut
98	04121-01	Nut, Metric Hex Head W/Flange, 6-1.0-6H

*Model 8B49W, Serial number range Y0300001-Y0300143.

**Older model units did not include the reinforcement plate (p/n 4200256), this should be added if the pump is replaced.

*** Available through the individual engine manufacturer.

SVRXL ELECTRICAL SYSTEM



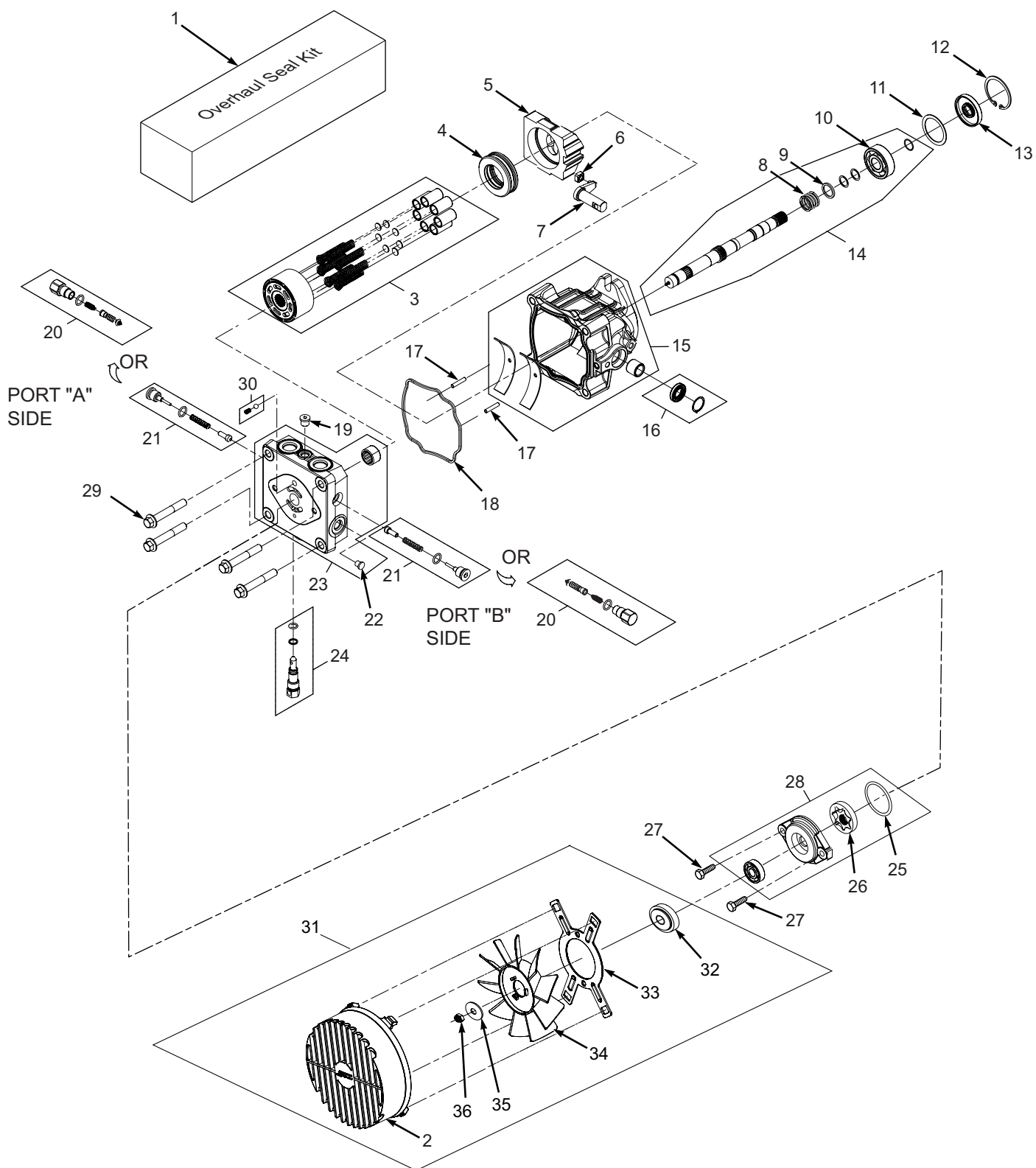
SVRXL ELECTRICAL SYSTEM

Ref. No.	Part No.	Description
1	484721	Tiger Eye, Cluster Gauge
2	485833	Switch, PTO
3	462069	Key Assy., w/Fob
4	*04011-11	Screw, #10-32 x .56 Shakeproof
5	481182	Indicator Light (EFI models only)
6	48017-04	Nut, Special 5/8-32
7	04011-14	Screw, 1/4-20 x 3/4" Taptite
8	04003-43	Bolt, Carriage #10-24 x 1/2"
9	48017-03	Washer, Lock 5/8" Internal Tooth
10	48798	Switch, Key
11	04021-26	Nut, Elastic Stop #10-24
12	486873	Throttle Control, Briggs & Stratton & Kawasaki
	483975	Throttle Contro, Kohler
13	486827	Wire Harness, SVRII-E Gov
	487036	Wire Harness, S40BV-EFI
14	427269	Bracket, Neutral Switch
15	481637	Switch, N/O
16	04019-02	Nut, Serrated Flange 1/4-20
17	04001-01	Bolt, Hex Head 1/4-20 x 3/4"
18	04010-12	Screw, #10-32 x 3/4" Taptite
19	428491	MTG Bracket, Operator Presence
20	48717	Switch
21	486913	Clutch w/Tag GT3.5--FE05 (25FX, 26CV-EFI, 31FX, 38FX-EFI, 37BV-EFI, 38CV-EFI & 40BV-EFI)
22	483958	Diode, 600V - 6A
23	48029-24	Battery Cable, 39" Black
24	48029-30	Battery Cable, 44" Red w/Braid
25	483665	Battery, 350 CCA (not available through Scag)
26	48126	Rubber Boot
27	04020-02	Nut, 1/4-20
28	04001-01	Bolt, Hex Head 1/4-20 x 3/4"
29	483642	Double Fuse Assy, (Incl. #30, 31, 32, 33)
30	483571	Cover, Sealed Double
31	482588	Clip, Wire
32	48298	Fuse, 20 Amp
33	483629	Fuse Holder
34	485739	Single Fuse Assy. (Incl. #31, 33, 35)
35	483643	Cover, Sealed Single
36	463619	Control Panel w/Decal
37	422373	Plate, Threaded
38	486139	Wire Harness Adapter - Briggs & Stratton 37BV-EFI
	485678	Wire Harness Adapter - Kawasaki FX & 24FT
39	486321	Soft Start Module, Clutch
40	*428497	Mounting Bracket, Soft Start Module
41	*486325	Wire Harness, Soft Start
**	485568	Power Plug, 12V

* Used on Kawasaki 38FX-EFI, Kohler 28CV-EFI, Briggs & Stratton 37BV-EFI & 40BV-EFI Only

** Not Shown

BDP-16A HYDRAULIC PUMP ASSEMBLY with COOLING FAN



BDP-16A HYDRAULIC PUMP ASSEMBLY with COOLING FAN

Ref. No.	Part No.	Description
1	HG70740	Overhaul Seal Kit
2	HG52059	Fan Cover
	485879	Fan Cover w/ Notch (25LP Right Side Pump Only)
3	HG72158	Cylinder Block Kit - 16cc
4	HG51462	Thrust Ball Bearing Assembly
5	HG51436	Variable Swashplate
6	HG2000015	Slot Guide
7	HG2000014	Trunnion Arm
8	HG2000025	Block Spring
9	HG2000024	Block Thrust Washer
10	HG2000032	Shaft Ball Bearing
11	HG2000023	Spacer
12	HG2000038	Retaining Ring
13	HG51092	Seal
14	HG70578	Kit, Pump Shaft (keyed thru taper)
15	HG70738	Housing Kit
16	HG70739	Trunnion Seal Kit
17	HG50641	Pin
18	HG51437	O-Ring
19	HG9005110-7500	Straight Thread Plug
20	HG70743	Shock Valve Kit (.031 Orifice)
21	HG70742	Shock Valve Kit (.024 Orifice)
22	HG9005200-7500	Straight Thread Plug
23	HG70736	End Cap Kit
24	HG2513030	Bypass Valve Kit
25	HG9004100-1430	O-Ring
26	HG50406	Gerotor Assembly (.19 cu.in./rev.)
27	HG50173	Socket Head Cap Screw (M8 x 1.25-25mm)
28	HG70924	Charge Pump Kit (.19 STD. Splined)
29	HG51457	Hex Screw, Flanged Head (M10 x 1.50-65mm)
30	HG70402	Charge Relief Kit
31	HG71287	Fan Kit (incl. items 32, 34, 35, 36)
32	HG51348	Hub
33	HG52016	Bracket, Shroud
34	HG52014	Fan
35	HG52256	Washer
36	HG44809	Nut

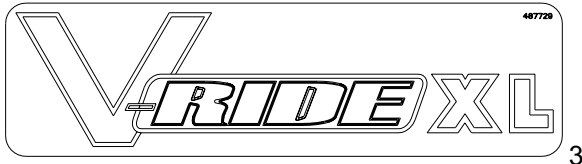
REPLACEMENT DECALS AND INFORMATION PLATES



1



2



3



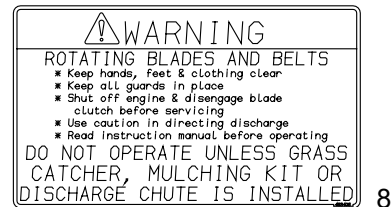
4



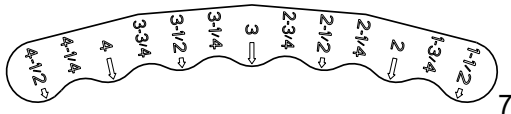
5



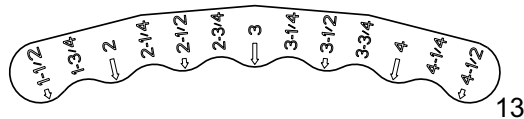
6



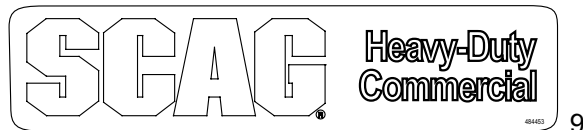
8



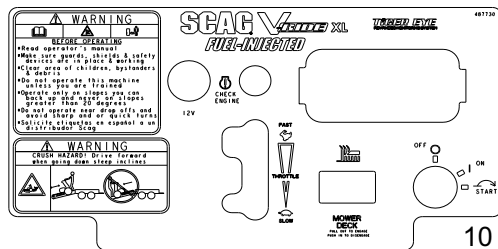
7



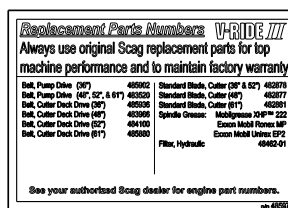
13



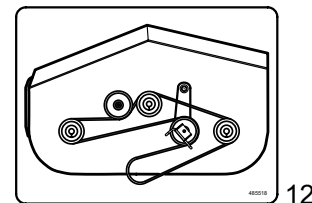
9



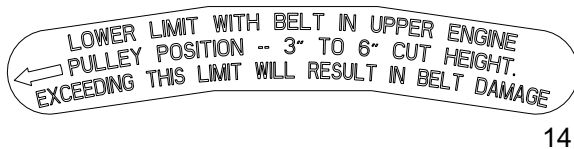
10



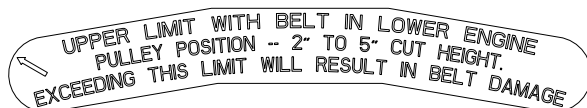
11



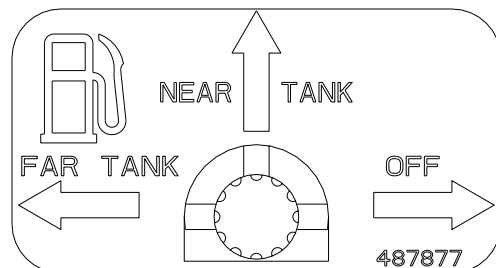
12



14



15



16

REPLACEMENT DECALS AND INFORMATION PLATES

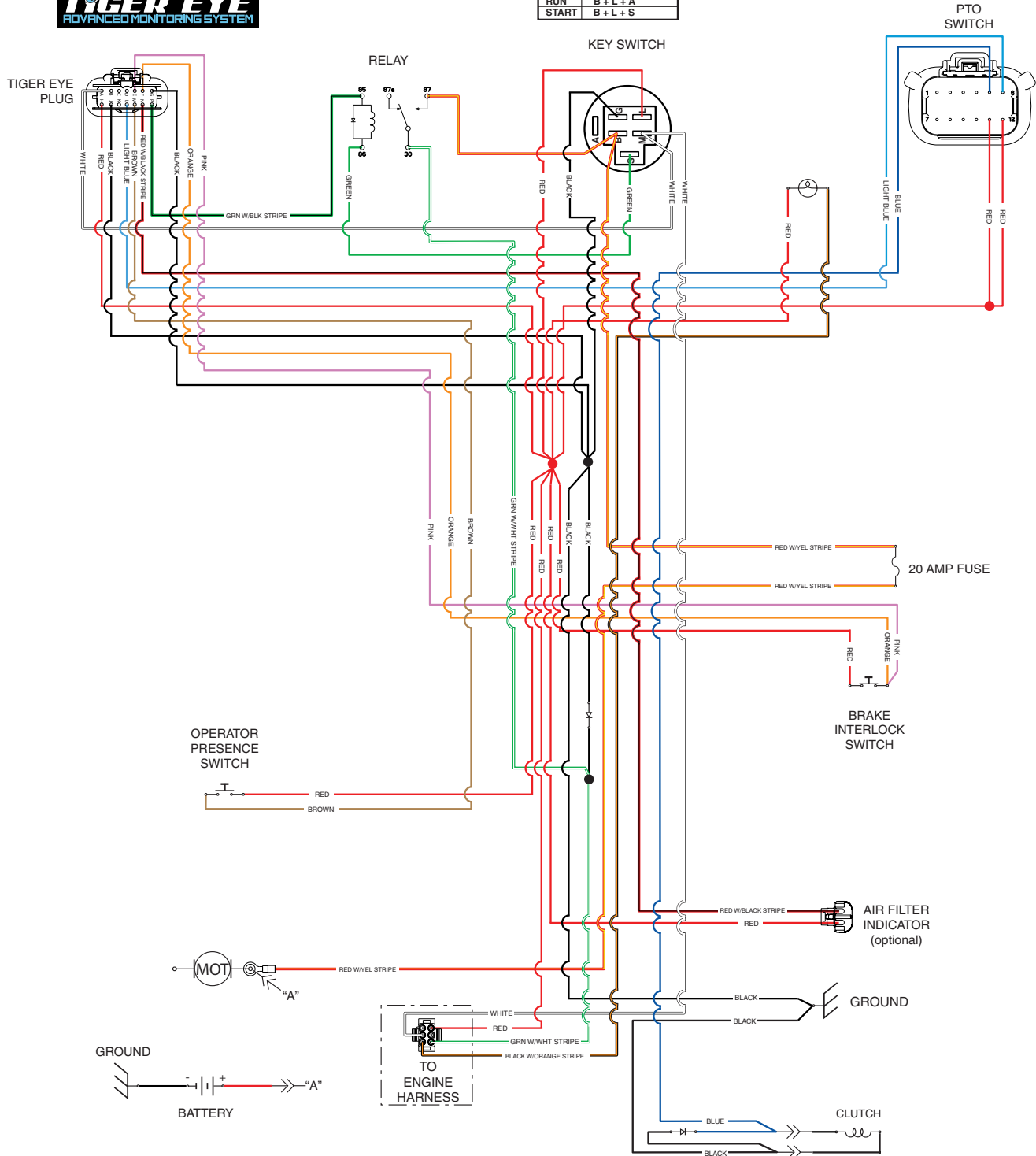
Ref. No.	Part No.	Description
1	483402	Decal, Warning - Belt Cover
2	483405	Decal, Warning
3	487729	Decal, Belt Cover
	485871	Decal, Belt Cover - EFI
4	483200	Decal, 52V
	483201	Decal, 61V
5	483505	Decal, Spinning Blades
6	485403	Decal, Metalcraft - USA
7	487699	Decal, Deck Height - Outer
8	483406	Decal, Warning - Knives
9	484453	Decal, Scag Heavy Duty Commercial
10	487730	Decal, Instrument Panel - SVRXL
11	486498	Decal, SVRII Replacement Parts
12	485517	Decal, Belt Routing - SVRII-32A/36A
	485518	Decal, Belt Routing - SVRII-48V, SVRII-52V & SVRII-61V
13	487698	Decal, Deck Height - Inner
14	487804	Decal, Upper Engine Belt
15	487803	Decal, Lower Engine Belt
16	487877	Decal, Fuel Tank Selector

SVRII ELECTRICAL SCHEMATIC - ELECTRIC START MODELS (shown with Key Off, PTO Off, Park Brake Applied, OPC Disengaged)

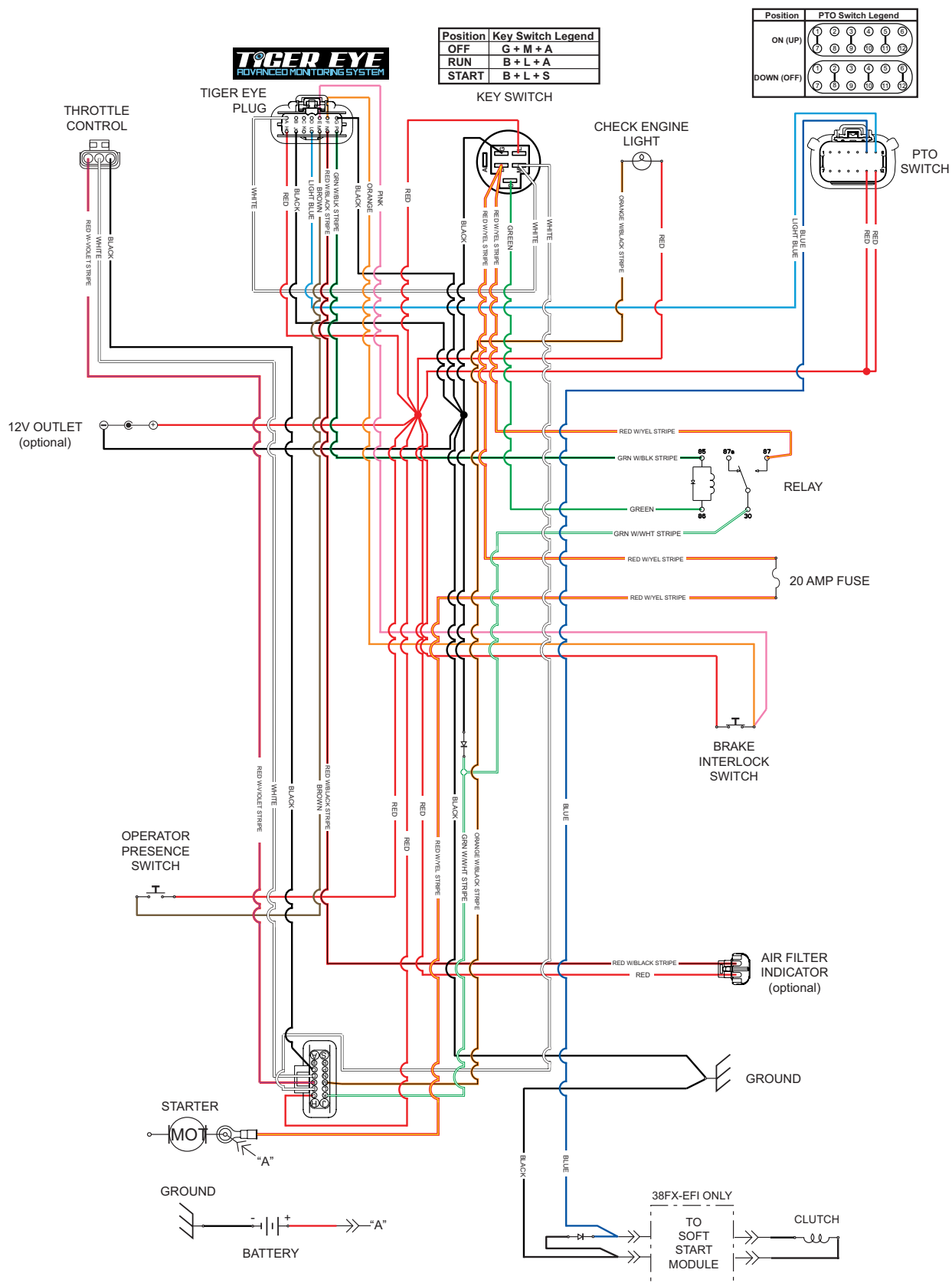


Position	Key Switch Legend
OFF	G + M + A
RUN	B + L + A
START	B + L + S

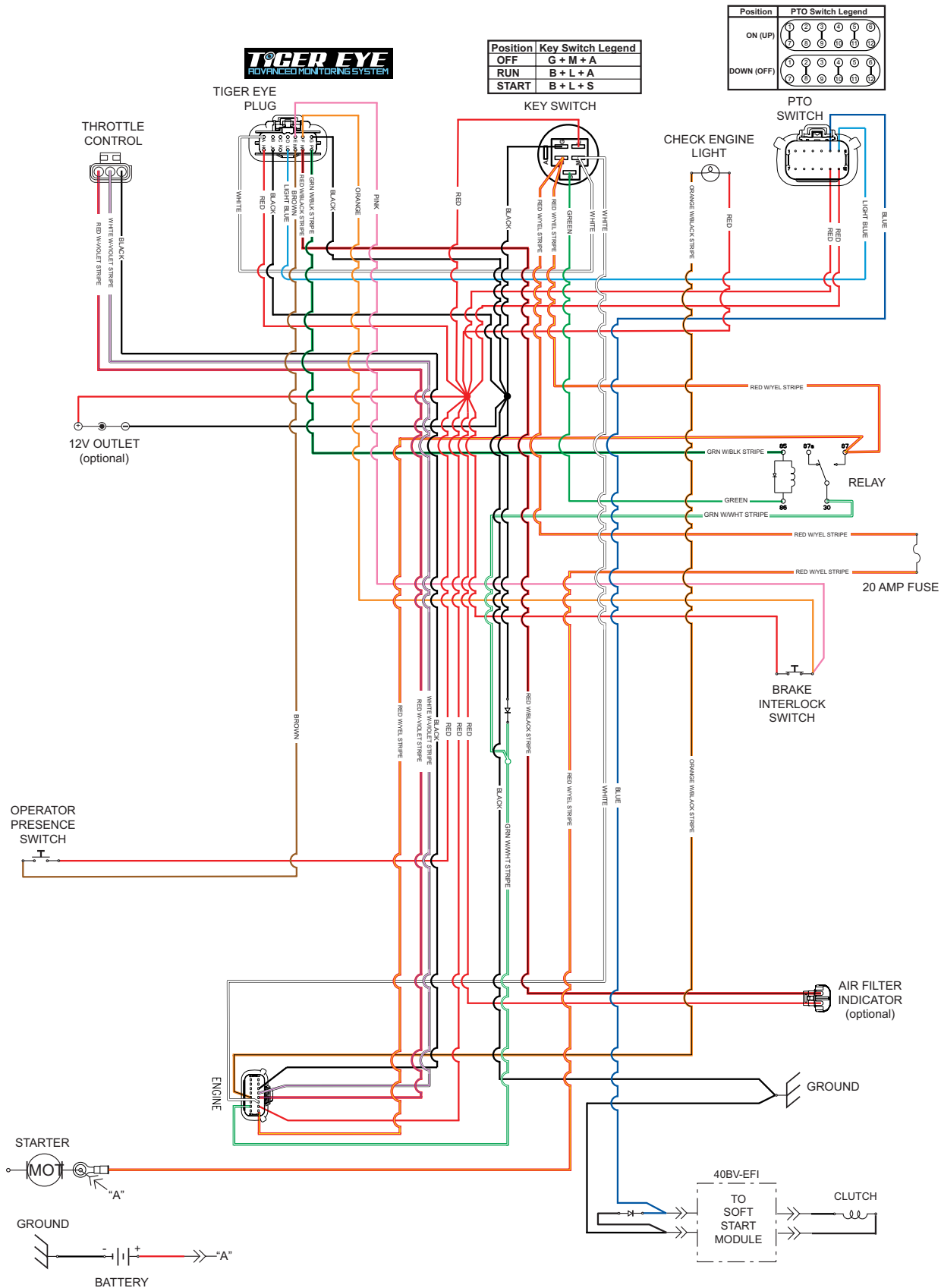
Position	PTO Switch Legend
ON (UP)	
DOWN (OFF)	



SVRXL - KAWASAKI 38FX EFI ELECTRICAL SCHEMATIC (shown with Key Off, PTO Off, Park Brake Applied, OPC Disengaged)



SVRXL - Briggs & Stratton 40BV EFI ELECTRICAL SCHEMATIC (shown with Key Off, PTO Off, Park Brake Applied, OPC Disengaged)



Briggs & Stratton 40BV-EFI ENGINE ADAPTER ELECTRICAL SCHEMATIC

