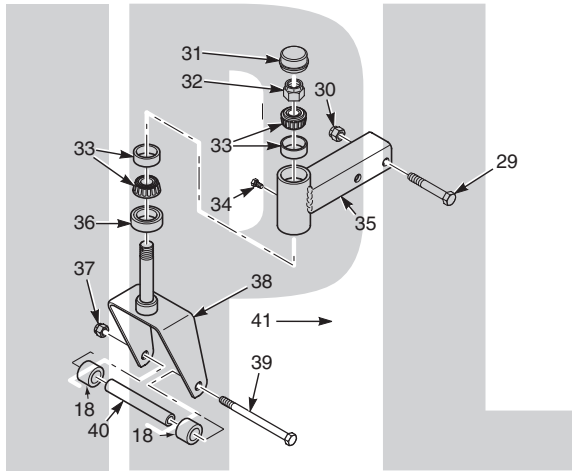


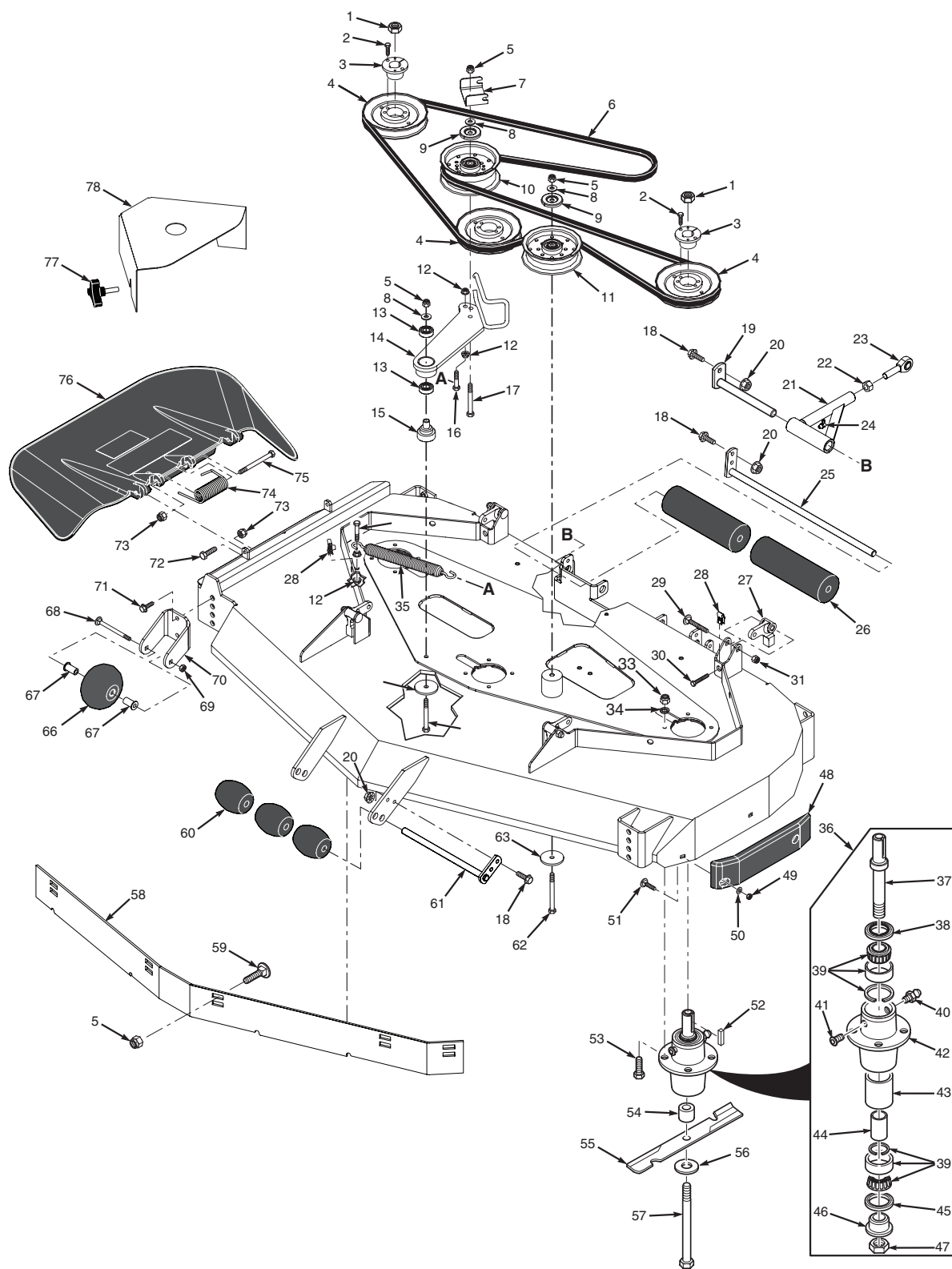


THIS MANUAL CONTAINS THE ILLUSTRATED PARTS LIST FOR MODELS:
SVR61V-29FX **with a serial number of F2900001 to F2999999**

Table of Contents

61V CUTTER DECK.....	2
SVR-61V CUTTER DECK CONTROLS	4
SVR-61V SHEET METAL COMPONENTS	6
SVR-61V STEERING CONTROLS.....	8
SVR-61V FUEL SYSTEM - EPA PHASE 2	10
SVR-61V FUEL SYSTEM - EPA PHASE 3	12
SVR-61VHYDRAULICS AND ENGINE COMPONENTS	14
ELECTRICAL SYSTEM	16
REPLACEMENT DECALS AND INFORMATION PLATES	18
SVR ELECTRICAL SCHEMATIC.....	20

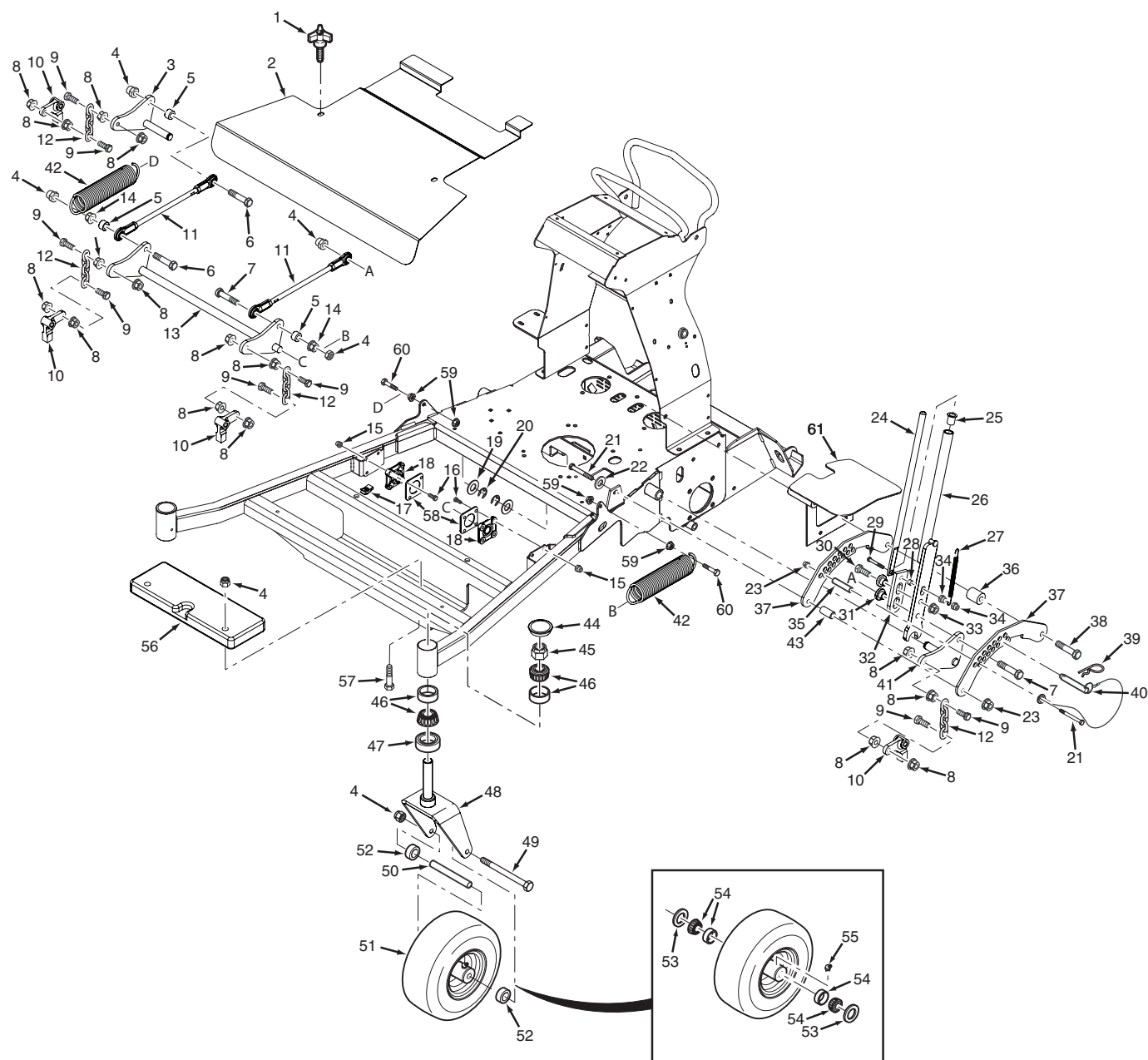
61V CUTTER DECK



61V CUTTER DECK

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	04020-09	Nut, 5/8-11 UNC	45	481025	Seal, Lower
2	04001-172	Bolt, Hex Head 1/4-20 x 1"	46	43297	Bushing, Lower
3	48926	Tapered Hub	47	481035	Nut, Special 1-1/16" - 18
4	483286	Pulley, 6.32 O.D. (61V)	48	483176	Pad, Deck Wear
5	04021-09	Nut, 3/8-16 Elastic Stop	49	04021-04	Nut, Center Lock 5/16-18
6	484197	Belt, Cutter Deck (61V)	50	04040-04	Flatwasher, 5/16-.344 x .688 x .065
7	424615	Bracket, Belt Guide	51	04003-12	Bolt, Carriage 5/16-18 x 3/4"
8	04043-04	Flatwasher, 3/8-.391 x .938 x .105 HD	52	04063-08	Key, 1/4 x 1/4 x 1"
9	424367	Dust Shield	53	04001-176	Bolt, Hex Head 5/16-18 x 1-3/4"
10	483210	Pulley, 5" Idler	54	43590	Spacer, Spindle Bottom
11	483215	Pulley, 5" Idler	55	482881	Cutter Blade, 21"
12	04019-04	Nut, Serrated Flange 3/8-16	56	04043-06	Flatwasher, 5/8-.688 x 1.75 x .134 HD
13	48224	Bearing	57	04001-41	Bolt, Hex Head 5/8-11 x 9-1/2"
14	462333	Idler Arm Assembly (incl. # 13)	58	424841	Baffle, Flange 61V
15	43681	Pivot, Idler	59	04003-23	Bolt, Carriage 3/8-16 x 1"
16	04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8	60	482295	Wheel, Anti-Scalp
17	04001-62	Bolt, Hex Head 3/8-16 x 3-1/4"	61	45944	Shaft Weldment
18	04001-09	Bolt, Hex Head 5/16-18 x 1"	62	04001-47	Bolt, Hex Head 3/8-16 x 5"
19	451724	Shaft Weldment, Push Arm Mount	63	04041-38	Flatwasher, 3/8-.406 x 2.25 x .1875
20	04019-03	Nut, Serrated Flange 5/16-18	64	04001-62	Bolt, Hex Head 3/8-16 x 3-1/4"
21	462323	Pusharm Assembly, LH	65	04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8
	462324	Pusharm Assembly, RH	66	481632	Wheel, Anti-Scalp (incl. # 67)
22	04020-16	Nut, 5/8-18 UNF	67	48100-15	Bushing, Bronze
23	48763	Rod End, Male 5/8"	68	04003-26	Bolt, Carriage 3/8-16 x 4"
24	48114-08	Grease Fitting	69	04021-05	Nut, Center Lock 3/8-16
25	452076	Shaft Weldment	70	422478	Bracket, Anti-Scalp Wheel
26	483997	Guide Roller	71	04017-27	Bolt, Hex Head 3/8-16 x 1" Serrated Flange
27	483361	Lever, Deck Level	72	04001-12	Bolt, Hex Head 5/16-18 x 1-3/4"
28	04110-03	U-Nut, 3/8-16	73	04021-10	Nut, 5/16-18 Elastic Stop
29	04003-42	Bolt, Carriage 7/16-14	74	482245	Spring, Discharge Chute
30	04107-04	Bolt, Hex Head 3/8-16 x 2" Special	75	04001-154	Bolt, Hex Head 5/16-18 x 4-3/4"
31	04021-11	Nut, Elastic Stop 7/16-14	76	461846	Discharge Chute Assembly
32	462334	Cutter Deck w/Decals	77	481625-01	Knob w/Stud
33	04021-22	Nut, Elastic Stop 5/16-18	78	425474	Belt Cover, SVR-61V
34	04030-03	Lockwasher, 5/16" Spring			
35	484020	Spring, Cutter Deck			
36	461663	Spindle Assembly			
37	43589	Shaft, Spindle			
38	481024	Seal, Upper			
39	481022	Bearing Assembly			
40	48114-04	Grease Fitting			
41	48677	Valve Grease Relief			
42	43644	Housing, Spindle			
43	43312	Spacer, Outside			
44	43296	Spacer, Inside			

SVR-61V CUTTER DECK CONTROLS

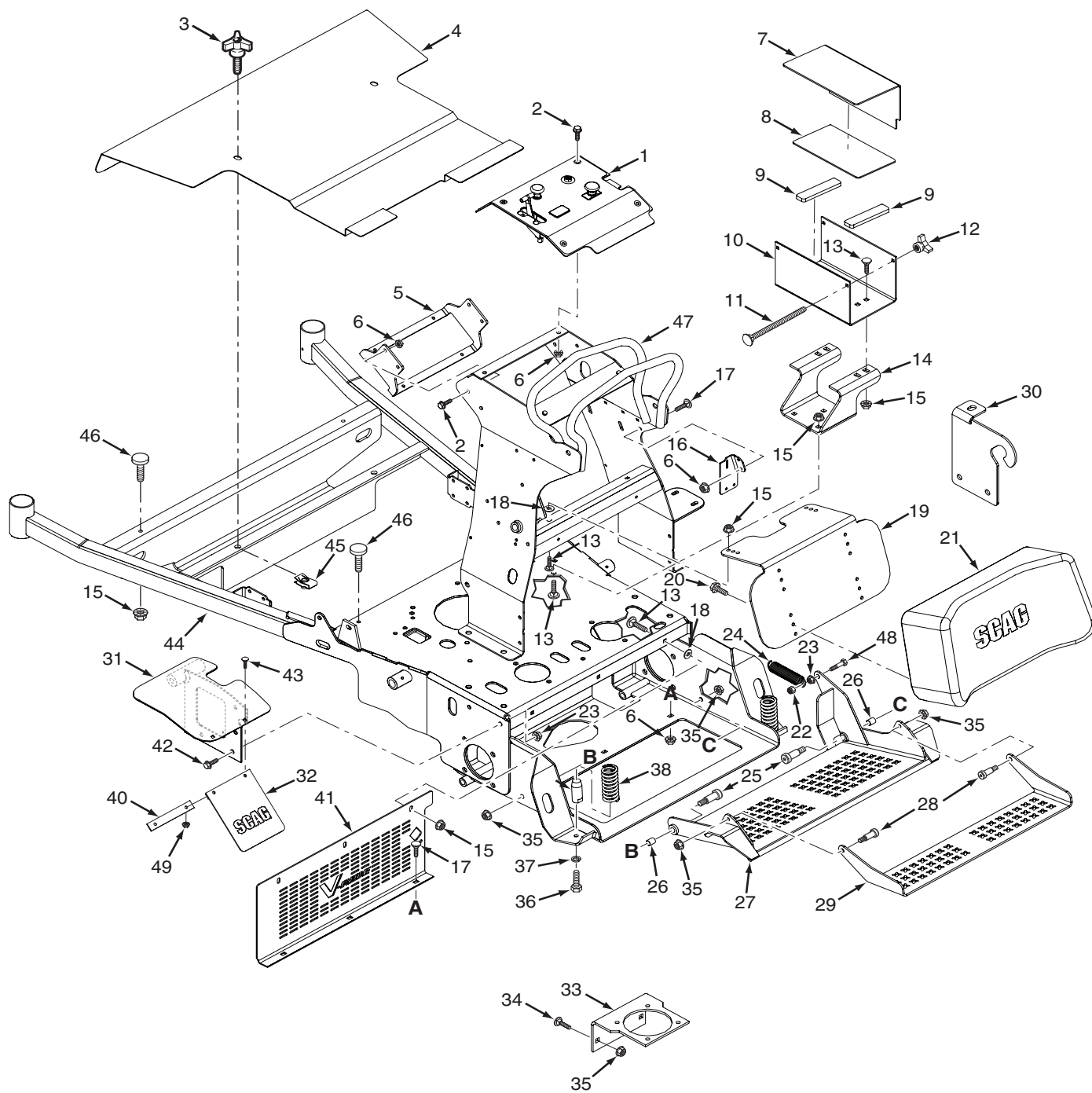


SVR-61V CUTTER DECK CONTROLS

Ref. No.	Part No.	Description
1	481625-01	Knob w/Stud
2	491616	Belt Cover w/Decals (61V)
3	452063	Arm Weldment, RH
4	04021-07	Nut, Elastic Stop 1/2-13
5	43806	Spacer
6	04001-52	Bolt, Hex Head 1/2-13 x 2-1/2"
7	04001-74	Bolt, Hex Head 1/2-13 x 3"
8	04019-04	Nut, Serrated Flange 3/8-16
9	04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"
10	483361	Lever, Deck Level
11	484274	Linkage, Deck Lift (61V)
12	48540	Chain
13	452161	Deck Lift Weldment (61V))
14	04019-06	Nut, Serrated Flange 1/2-13
15	04021-10	Nut, Elastic Stop 5/16-18
16	04001-09	Bolt, Hex Head 5/16-18 x 1"
17	04110-04	U-Nut, 3/8-16
18	483334	Bearing, Deck Lift - 61V
19	04041-08	Flatwasher, 3/4-.766 x 1.25 x .0598
20	04050-02	Retaining Ring, .750 "E"
21	04001-54	Bolt, Hex Head 3/8-16 x 3"
22	04041-07	Flatwasher, 3/8-.391 x .938 x .105
23	04021-09	Nut, Elastic Stop 3/8-16
24	43747	Actuator Rod
25	483453-14	Bearing
26	452061	Handle Weldment, Deck Latch
27	483600	Spring, Deck Latch
28	43212	Spacer
29	04001-31	Bolt, Hex Head 3/8-16 x 2-1/2"
30	04001-183	Bolt, Hex Head 1/2-13 x 1-3/4"
31	43748	Bushing, Deck Latch
32	424652	Deck Latch, Outer
33	04019-06	Nut, Serrated Flange 1/2-13
34	04021-09	Nut, Elastic Stop 3/8-16
35	43554	Spacer
36	43666	Spacer
37	425468	Bracket, Deck Height (61V)
38	04001-82	Bolt, Hex Head 1/2-13 x 4-1/2"
39	04062-04	Hair Pin Cotter
40	483345	Pin Assembly w/Lanyard
41	452062	Arm Weldment, LH
42	483763	Spring, Deck Lift
43	43805	Spacer
44	484195	Cap, Grease

Ref. No.	Part No.	Description
45	04021-20	Nut, Elastic Stop 1"-14
46	481657	Bearing w/Race
47	481025	Seal, 2" OD x 1.625 ID
48	451658	Caster Yoke Weldment
49	04001-167	Bolt, Hex Head 1/2-13 x 9-1/2"
50	43583	Sleeve, Caster Wheel
51	9278	Caster Wheel Assembly, 13 x 6.5
52	43584	Seal
53	482622	Roller Bearing, Short
54	482621	Bearing w/Race
55	48114-10	Grease Fitting
56	41020	Weight
57	04001-190	Bolt, Hex Head 1/2-13 x 2-3/4" (One Weight)
	04001-82	Bolt, Hex Head 1/2-13 x 4-1/2" (Two Weights Installed)
	04001-37	Bolt, Hex Head 1/2-13 x 5-1/2" (Three Weights Installed)
58	425209	Reinforcement, Bearing
59	04019-04	Nut, 3/8-16 Serrated Flange
60	04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8
61	452164	Fender Weldment

SVR-61V SHEET METAL COMPONENTS

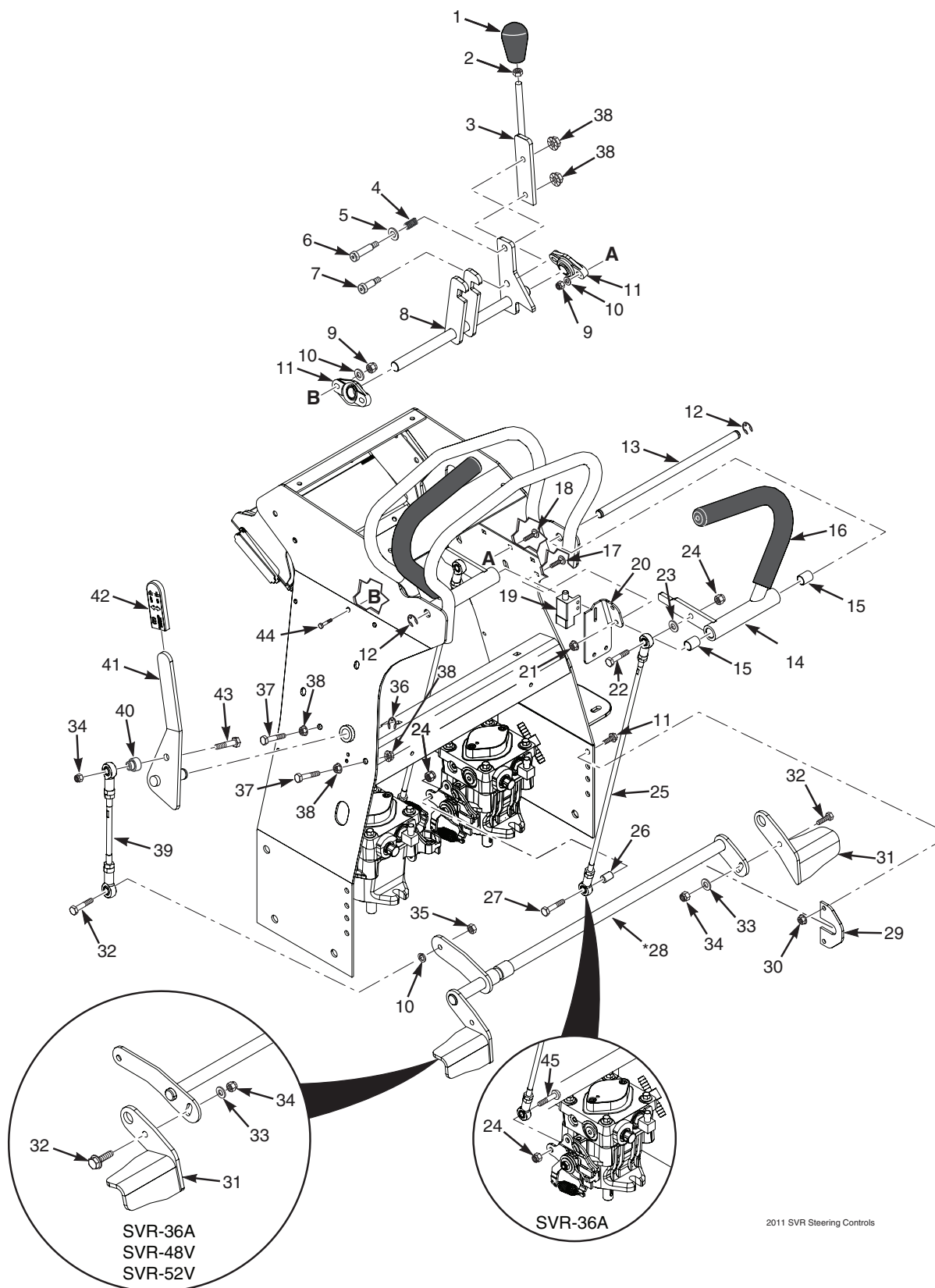


SVR-61V SHEET METAL COMPONENTS

Ref. No.	Part No.	Description
1	462240	Instrument Panel w/Decal
2	04001-06	Bolt, Hex Head 1/4-20 x .63
3	481625-01	Knob w/Stud
4	491616	Belt Cover w/Decals - 61V
5	425504	Bracket, Oil Cooler - 48V & 52V Only
6	04019-02	Nut, Serrated Flange 1/4-20
7	42392	Battery Cover
8	48099	Insulation, Battery Cover
9	48661	Pad, Rubber
10	423308	Battery Box
11	04003-01	Bolt, Carriage 1/4-20 x 6"
12	04029-01	Wing Nut, 1/4-20
13	04003-12	Bolt, Carriage 5/16-18 x 3/4"
14	425085	Bracket, Battery Support
15	04019-03	Nut, Serrated Flange 5/16-18
16	425307	Bracket, Neutral Switch
17	04003-02	Bolt, Carriage 1/4-20 x 3/4"
18	04024-03	Nut, Push On 5/16"
19	425148	Bracket, Knee Pad
20	04017-05	Bolt, Hex Head 1/4-20 x 3/4"
21	483963	Knee Pad
22	04021-09	Nut, Elastic Stop 3/8-16
23	04019-04	Nut, 3/8-16 Serrated Flange
24	48929	Spring
25	04009-09	Bolt, Shoulder 1/2 x 1"
26	483453-19	Bearing
27	462252	Footplate Assembly (Incl. # 26)
28	04009-15	Bolt, Shoulder 3/8 x 1/4"
29	425447	Footplate Extension

Ref. No.	Part No.	Description
30	425501	Brake Shaft Support
31	452164	Fender Weldment
32	481714	Mudflap
33	425084	Bracket, Oil Filter Base
34	04001-19	Bolt, Hex Head 3/8-16 x 1"
35	04019-04	Nut, Serrated Flange 3/8-16
36	04001-18	Bolt, Hex Head 3/8-16 x 3/4"
37	04030-04	Lockwasher, 3/8"
38	484041	Spring, Foot Platform
39	43814	Pin, Spring Mount
40	425534	Strap, Mudflap
41	425463	Guard, Foot
42	04001-19	Bolt, Hex Head 3/8-16 x 1"
43	04003-12	Bolt, Carriage 5/16-18 x 3/4"
44	462335	Mainframe Assembly w/Decals (61)
45	04110-04	U-Nut, 3/8-16
46	481284	Bumper, Rubber
47	452165	Handle Weldment
48	04001-168	Bolt, Hex Head 3/8-16 x 1-1/4" Grade 8
49	04021-04	Nut, Center Lock 5/16-18

SVR-61V STEERING CONTROLS

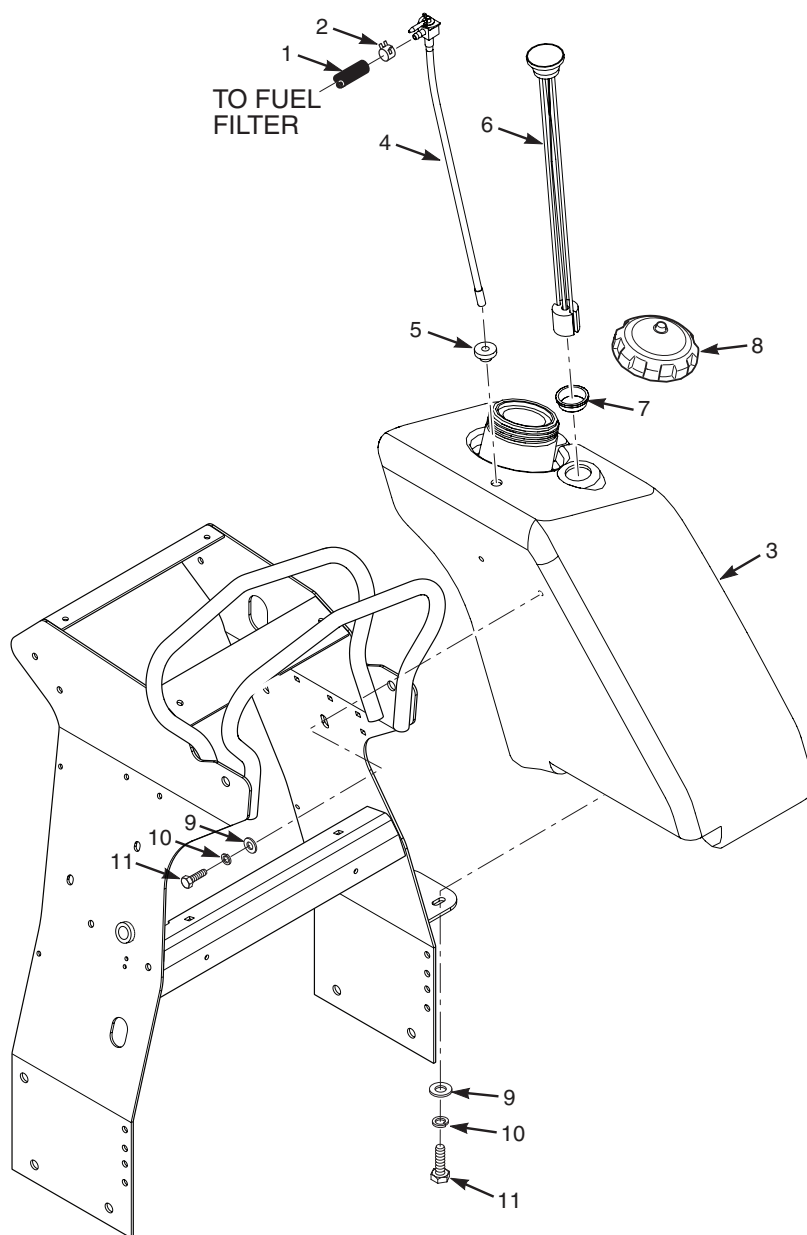


SVR-61V STEERING CONTROLS

Ref. No.	Part No.	Description
1	484093	Knob, Soft Touch
2	04020-12	Nut, Jam 3/8-16
3	452118	Handle Weldment
4	483601	Spring, Neutral Lever
5	04050-05	Flatwasher, 3/8-.406 x .812 x .065
6	04009-11	Bolt, Shoulder 3/8 x 1"
7	04009-14	Bolt, Shoulder 3/8 x .375
8	452117	Lock Weldment, Neutral
9	04021-08	Nut, Elastic Stop 1/4-20
10	04030-03	Lockwasher, 5/16" Spring
11	483504	Bearing
12	04050-10	Retaining Ring, .50 External
13	43820	Shaft, Steering Handles
14	462220	Handle Bar Assy., LH (Incl. # 15, 16)
	462221	Handle Bar Assy., RH (Incl. # 15, 16)
15	483453-19	Bearing
16	484092	Grip, Control Lever
17	04003-02	Bolt, Carriage 1/4-20 x 3/4"
18	04003-06	Bolt, Carriage 1/4-20 x 1"
19	481545	Switch, Interlock
20	425307	Bracket, Neutral Switch
21	04019-02	Nut, Serrated Flange 1/4-20
22	04001-10	Bolt, Hex Head 5/16-18 x 1-1/4"
23	04040-04	Flatwasher, 5/16-.344 x .688 x .065
24	04021-10	Nut, Elastic Stop 5/16-18
25	484072	Linkage Assembly
26	43749	Spacer, Pump
27	04001-12	Bolt, Hex Head 5/16-18 x 1-3/4"
*28	452166	Bellcrank, Brake Weldment - SVR-61V
29	425467	Brake Keeper Plate - SVR-61V
30	04019-03	Nut, Serrated Flange 5/16-18

Ref. No.	Part No.	Description
31	452167	Brake Paddle Weldment - SVR-61V
32	04001-32	Bolt, Hex Head 3/8-16 x 1-1/4"
33	04040-12	Flatwasher, 3/8-.438 x 1.0 x .083
34	04021-09	Nut, Elastic Stop 3/8-16
35	04021-05	Nut, Center Lock 3/8-16
36	04050-01	Retaining Ring, .625 External "E"
37	04001-11	Bolt, Hex Head 5/16-18 x 1-1/2"
38	04019-03	Nut, Serrated Flange 5/16-18
39	484090	Linkage Assembly, Brake
40	43750	Spacer
41	491607	Brake Lever w/Grip - SVR-61V
42	481548	Grip, Brake Lever
43	04001-45	Bolt, Hex Head 3/8-16 x 2"
44	04001-14	Bolt, Hex Head 1/4-20 x 1"

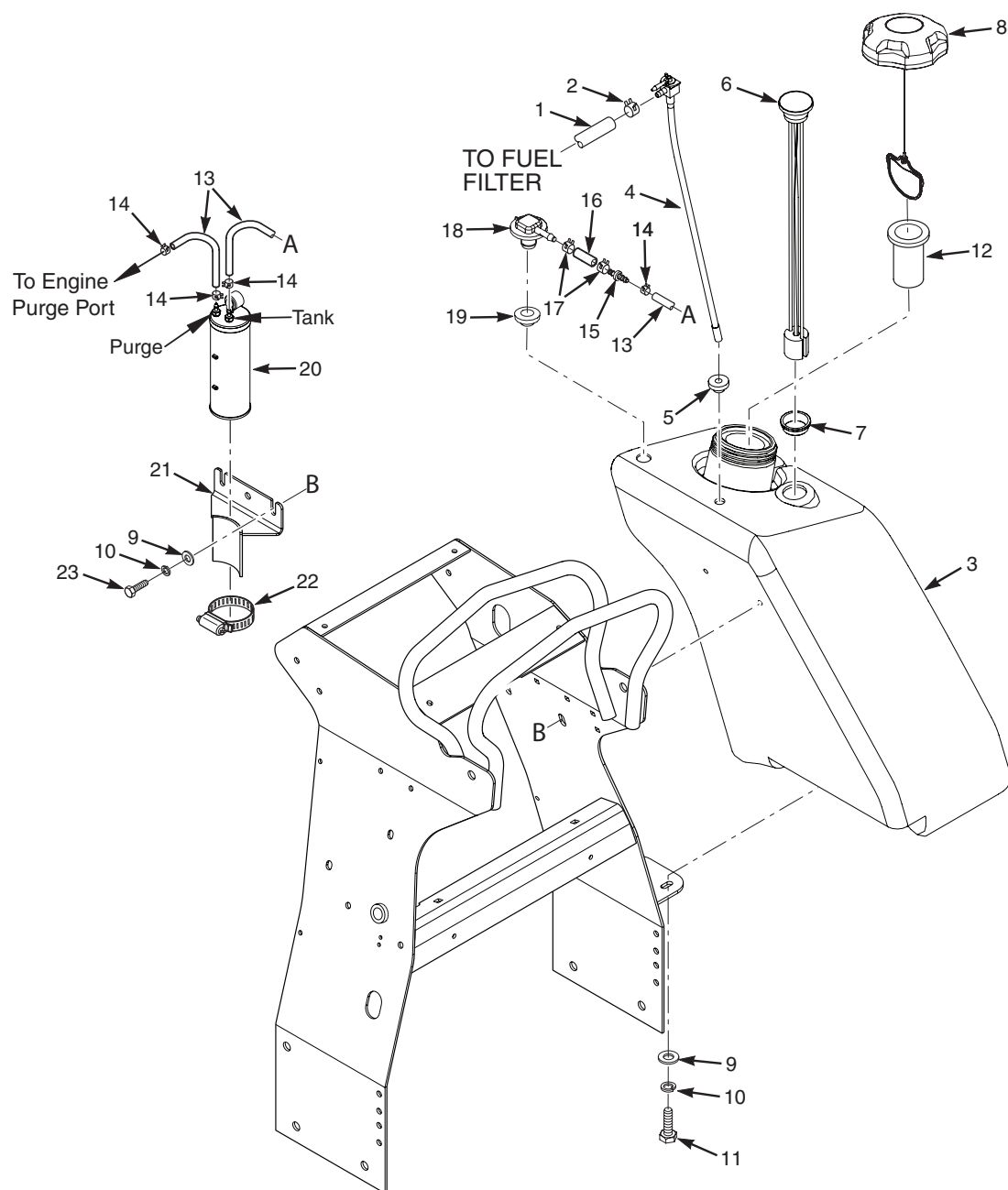
SVR-61V FUEL SYSTEM - EPA PHASE 2 (models produced prior to 1/1/2011)



**SVR-61V FUEL SYSTEM - EPA PHASE 2
(models produced prior to 1/1/2011)**

Ref. No.	Part No.	Description
1	483617	Fuel Hose, 1/4" ID (order by inch)
2	48059-01	Clamp, Fuel Hose
3	462205	Fuel Tank Assembly - SVR-61V
4	483896	Valve, Fuel Shut Off
5	482571	Bushing, .56 Dia. Viton
6	484246	Fuel Gauge Assembly (incl. #7)
7	484242	Seal, Fuel Gauge
8	483792	Fuel Cap
9	04040-15	Flatwasher, 5/16-.375 x .875 x .083
10	04030-03	Lockwasher, 5/16" Spring
11	04001-08	Bolt, Hex Head 5/16-18 x 3/4"

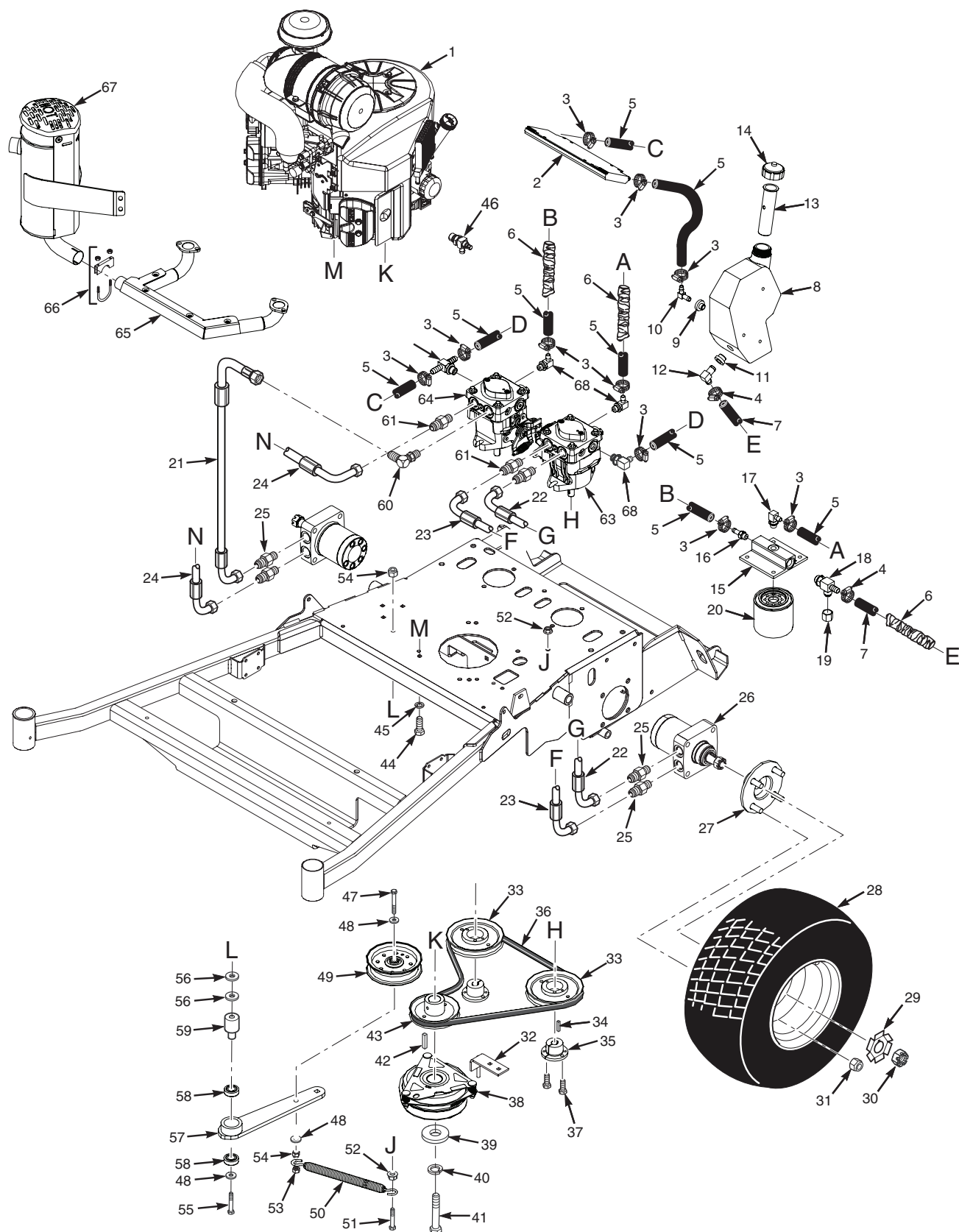
SVR-61V FUEL SYSTEM - EPA PHASE 3 (models produced after to 1/1/2011)



**SVR-61V FUEL SYSTEM - EPA PHASE 3
(models produced after to 1/1/2011)**

Ref. No.	Part No.	Description
1	483617	Fuel Hose, 1/4" ID (order by inch)
2	48059-01	Clamp, Fuel Hose
3	462300	Fuel Tank Assembly - SVR-61V
4	483896	Valve, Fuel Shut Off
5	482571	Bushing, .56 Dia. Viton
6	484246	Fuel Gauge Assembly (incl. #7)
7	484242	Seal, Fuel Gauge
8	484286	Fuel Cap, Tethered (E.P.A.)
9	04040-15	Flatwasher, 5/16-.375 x .875 x .083
10	04030-03	Lockwasher, 5/16" Spring
11	04001-08	Bolt, Hex Head 5/16-18 x 3/4"
12	484279-01	Tube, Fuel Tank Insert - 4"
13	484345	Hose, Vapor Recovery 3/16" (order by inch)
14	48059-05	Clamp, Vapor Recovery Hose
15	484343-01	Mender, 1/4 x 3/16 w/.02 Hole
16	484347	Hose, Vapor Recovery 1/4" (order by inch)
17	48059-02	Clamp, Fuel Hose 7/32" ID
18	484333	Fitting, Remote Vent
19	484285	Grommet, Viton
20	484342	Carbon Canister - SVR-61V
21	452225	Canister Mounting Bracket, SVR
22	48136-17	Clamp
23	04001-09	Bolt, Hex Head 5/16-18 x 1"

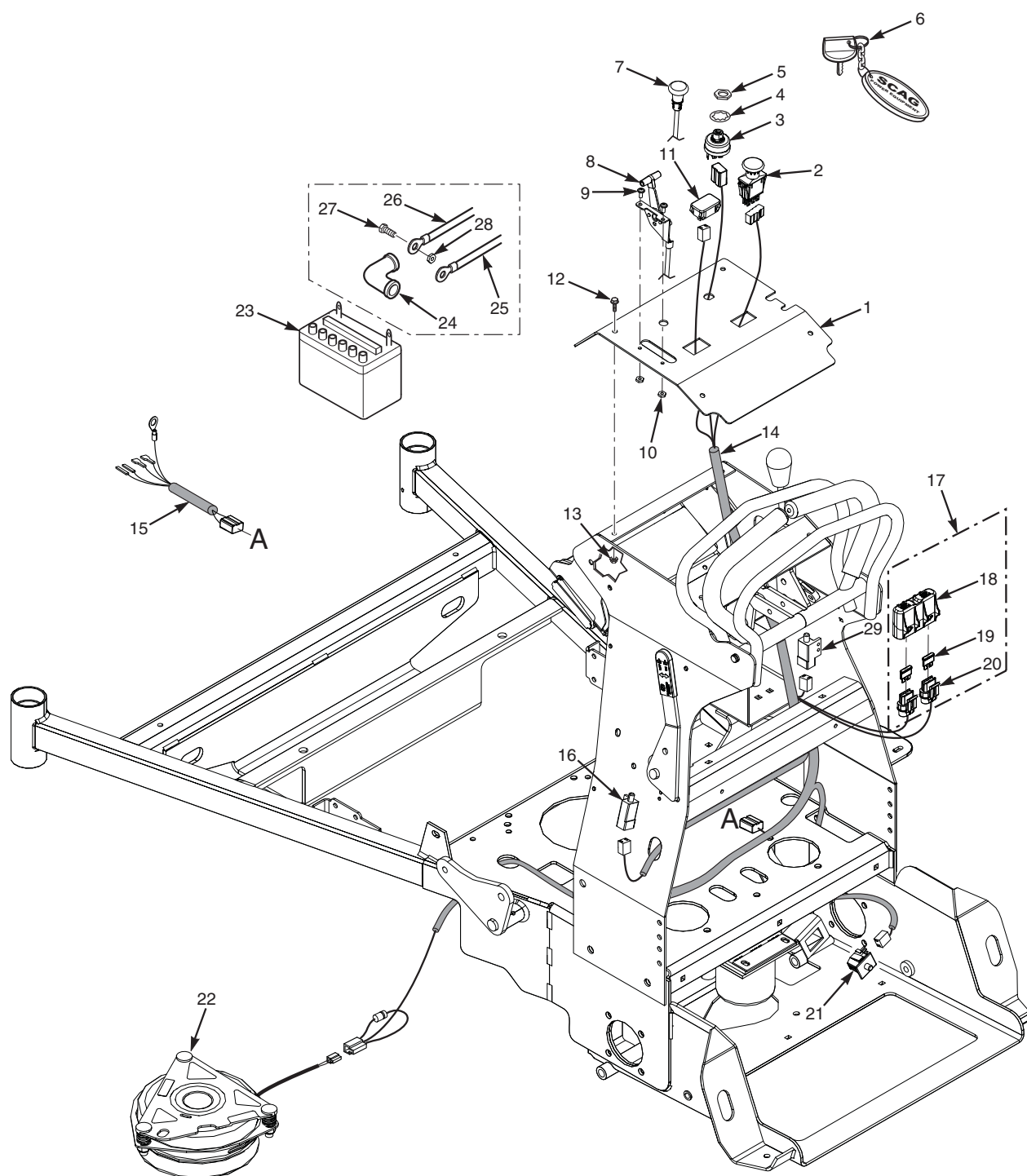
SVR-61VHYDRAULICS AND ENGINE COMPONENTS



SVR-61V HYDRAULICS AND ENGINE COMPONENTS

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	484219	Engine, 29hp Kawasaki FX	42	04063-28	Key, 1/4 x 1/4 x 3-1/2"
2	484317	Cooler, Transmission (61V)	43	483802	Pulley, 4.75 OD - 1.125" Bore
3	48136-13	Clamp, .69 Max Dia.	44	04001-32	Bolt, Hex Head 3/8-16 x 1-1/4"
4	48136-05	Clamp, .87 Max Dia.	45	04030-04	Lockwasher, 3/8" Spring
5	48811	Hose, 3/8 Pushlock (order by inch)	46	484089	Oil Drain
6	482839	Heatshield, Flexible	47	04001-161	Bolt, Hex Head 3/8-16 x 2-3/4"
7	48351	Hose, 1/2 Pushlock (order by inch)	48	04043-04	Flatwasher, 3/8-.391 x .938 x .105 HD
8	462176	Hydraulic Tank Assy. (incl. # 9 through 13)	49	483213	Pulley, 4-1/2" Idler
9	482571	Bushing, .56 Dia, Viton	50	483526	Spring, Transmission
10	482572	Fitting, 90 Degree - .38 Hose	51	04001-54	Bolt, Hex Head 3/8-16 x 3"
11	482573	Bushing, .78 Dia. Viton	52	04019-04	Nut, Serrated Flange 3/8-16
12	482574	Fitting, 90 Degree - .50 Hose	53	04021-05	Nut, Center Lock 3/8-16
13	481507	Insert, Filler Neck	54	04021-09	Nut, Elastic Stop 3/8-16
14	481164	Cap, Hydraulic Tank	55	04001-62	Bolt, Hex Head 3/8-16 x 3-1/4"
15	482417	Filter Head	56	04041-12	Flatwasher, 3/8-.375 x 1-1/2 x .059
16	482800-02	Fitting	57	462229	Idler Arm Assy (incl. # 58)
17	482266-01	Elbow, 90 Degree	58	48224	Bearing
18	482481	Tee Fitting, 3/4 O-Ring	59	43734	Idler Pivot, Long
19	48571-02	Cap, 3/4" JIC	60	48350-05	Elbow, 90 Degree - 1/2 x 1/2
20	48462-01	Oil Filter	61	48572-04	Fitting, Union 1/2 x 1/2
21	484207	Hose Assembly	62	483280	Tubing, Oil Drain (order by inch)
22	484205	Hose Assembly	63	484277	Pump, LH - 12cc
23	484206	Hose Assembly	64	484278	Pump, RH - 12cc
24	484207	Hose Assembly	65	484198	Exhaust Manifold, 29FX Kawasaki
25	48572-02	Fitting, Union 1/2 x 5/8	66	481259	Clamp, Muffler 1.25 Dia.
26	483388	Wheel Motor	67	484199	Muffler, 29FX Kawasaki
27	462275	Wheel Hub	68	482266-01	Elbow, 90 Degree
28	484056	Wheel Assembly			
	481868	Rim w/Valve Stem			
	484057	Tire, 20 x 10.5-8 4-Ply			
29	422214	Lockwasher, Wheel Motor			
30	48679	Hex Castle Nut, 3/4-28			
31	04028-02	Wheel Nut			
32	452162	Anti-Rotation Bracket			
33	482649	Pulley, 5.45 OD - Tapered Bore			
34	04063-14	Key, 5 x 5 x 25mm			
35	482085	Tapered Hub, 15mm Bore			
36	483520	Belt, Pump Drive			
37	04001-172	Bolt, Hex Head 1/4-20 x 1" Gr. 8			
38	462339	Clutch w/Tag			
39	04041-28	Flatwasher, 7/16-.469 x 1.75 x .25			
40	04030-05	Lockwasher, 7/16" Spring			
41	04102-03	Bolt, Hex Head 7/16-20 x 2-1/4" Patch			

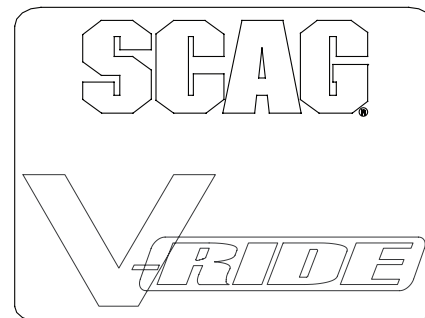
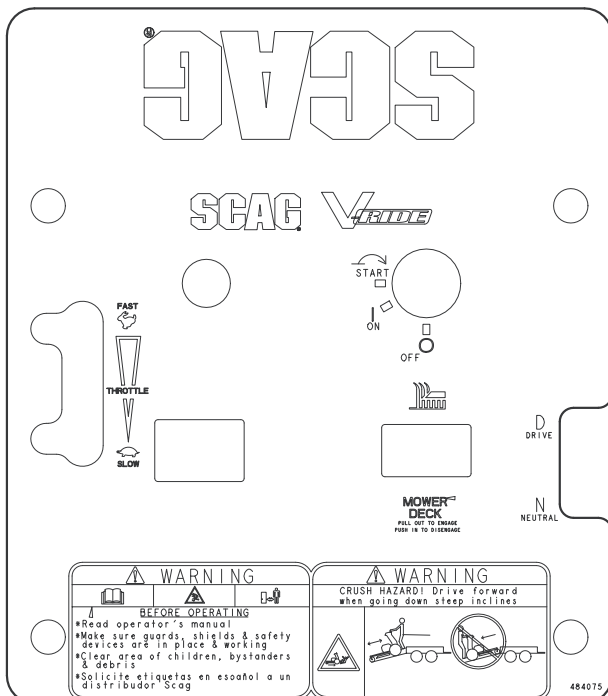
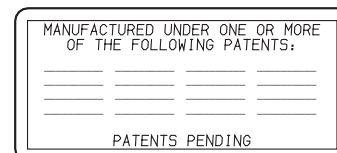
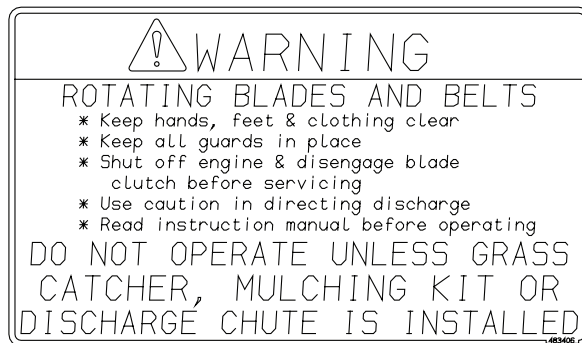
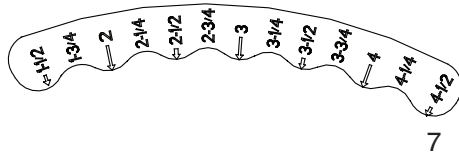
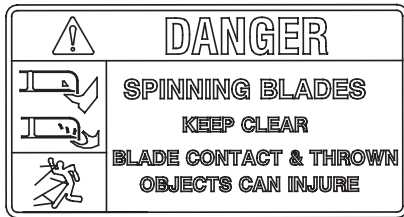
ELECTRICAL SYSTEM



ELECTRICAL SYSTEM

Ref. No.	Part No.	Description
1	462240	Instrument Panel w/Decal
2	483957	Switch, PTO - 10 Amp
3	48798	Key Switch
4	48017-03	Lockwasher, 5/8" Internal Tooth
5	48017-04	Nut, 5/8-32 Special
6	462069	Key Chain w/ Keys
	483609	Key w/Shroud
7	483976	Choke Control, SVR
8	483975	Throttle Control, SVR
9	04003-43	Bolt, Carriage #10-24 x 1/2"
10	04021-26	Locknut, #10-24
11	483537	Hourmeter
12	04001-06	Bolt, Hex Head 1/4-20 x .63
13	04019-02	Nut, Serrated Flange 1/4-20
14	484351	Wire Harness, SVR
15	482543	Wire Harness Adapter, Kawasaki
16	481637	Switch, Interlock
17	483642	Double Fuse Assy. (incl. #18, 19, 20)
18	483571	Cover, Sealed Double
19	48298	Fuse, 20 Amp
20	483629	Fuse Holder
	482588	Clip (not shown)
21	483473	Switch, Double Pole - Plunger
22	462339	Clutch w/Tag
23		Battery (not avail. through Scag)
24	48126	Rubber Boot
25	48029-07	Cable, Battery Black 18"
26	48029-06	Cable, Battery Red 18"
27	04001-01	Bolt, Hex Head 1/4-20 x 3/4"
28	04020-02	Nut, 1/4-20
29	481545	Switch, Interlock

REPLACEMENT DECALS AND INFORMATION PLATES



10

REPLACEMENT DECALS AND INFORMATION PLATES

Ref. No.	Part No.	Description
1	483402	Decal, Warning - Belt Cover
2	483405	Decal, Warning
3	483961	Decal, Belt Cover
4	483201	Decal, 61V
5	483407	Decal, Spinning Blades
6	48404	Decal, Metalcraft - Made in USA
7	483977	Decal, Height-of-Cut
8	483406	Decal, Warning - Knives
9	481971	Decal, Heavy Duty Commercial
10	484075	Decal, Instrument Panel
11	483044	Decal, Patents

SVR ELECTRICAL SCHEMATIC

