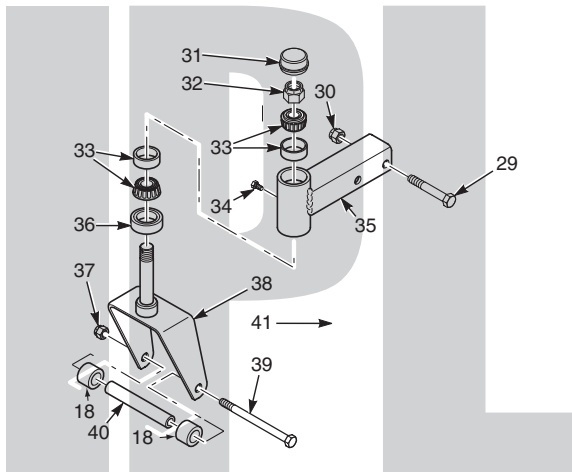


SCAG[®]

POWER EQUIPMENT



ILLUSTRATED PARTS MANUAL



Model STC Tiger Cat

THIS MANUAL CONTAINS THE ILLUSTRATED PARTS LIST FOR MODELS:

STC48V-22FS

STC48V-23CV

STC52V-22FX

STC52V-25CV

STC52V-25CV-EFI

STC61V-23FX

STC61V-25CV

STC61V-26CV-EFI

STC61V-27BS

with a serial number of J8700001 to J8799999

with a serial number of J8800001 to J8899999

with a serial number of J9000001 to J9099999

with a serial number of J9100001 to J9199999

with a serial number of K4300001 to K4399999

with a serial number of J9200001 to J9299999

with a serial number of J9300001 to J9399999

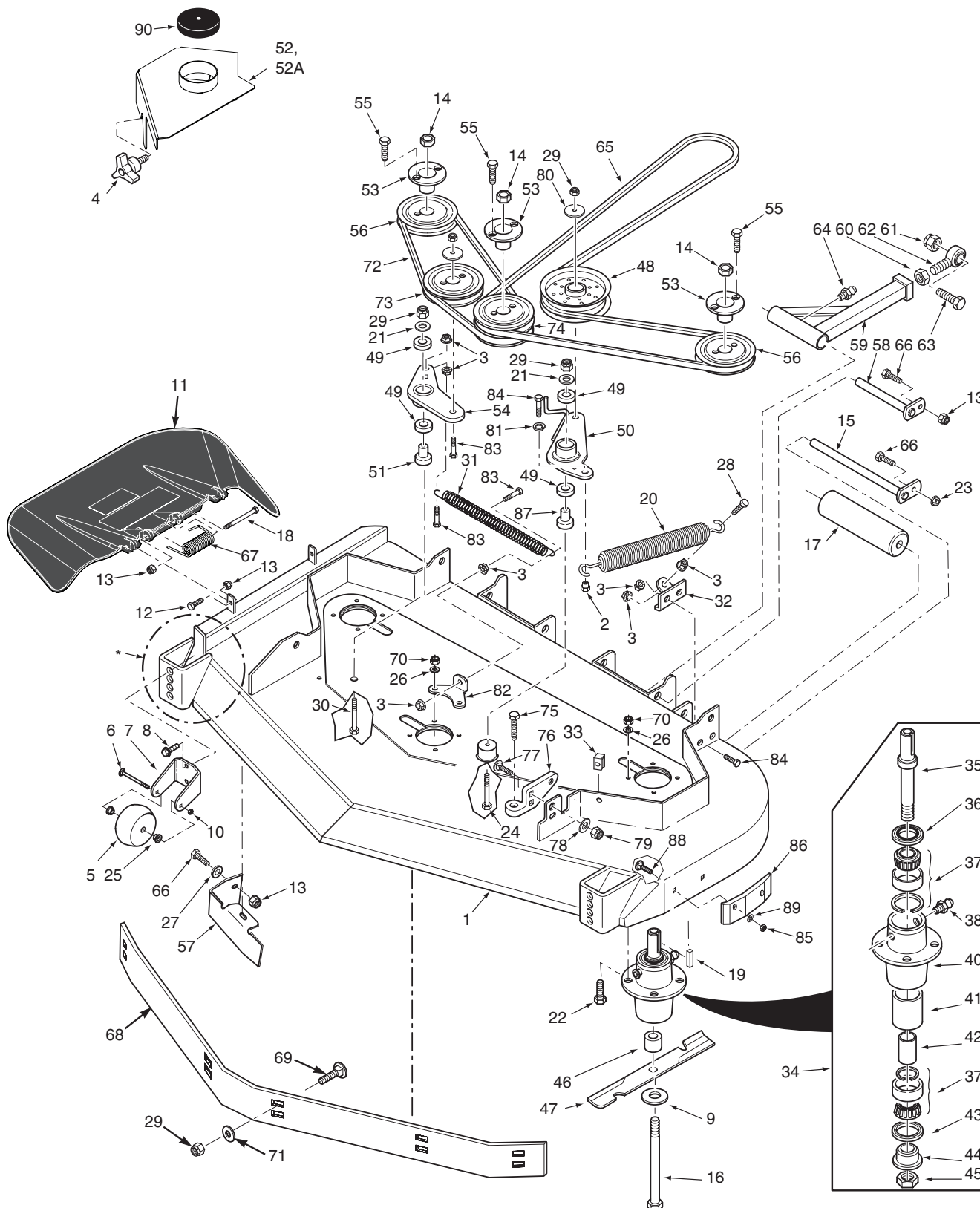
with a serial number of J9400001 to J9499999

with a serial number of J9500001 to J9599999

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48V & 52V CUTTER DECKS



STC 2012 CD4852

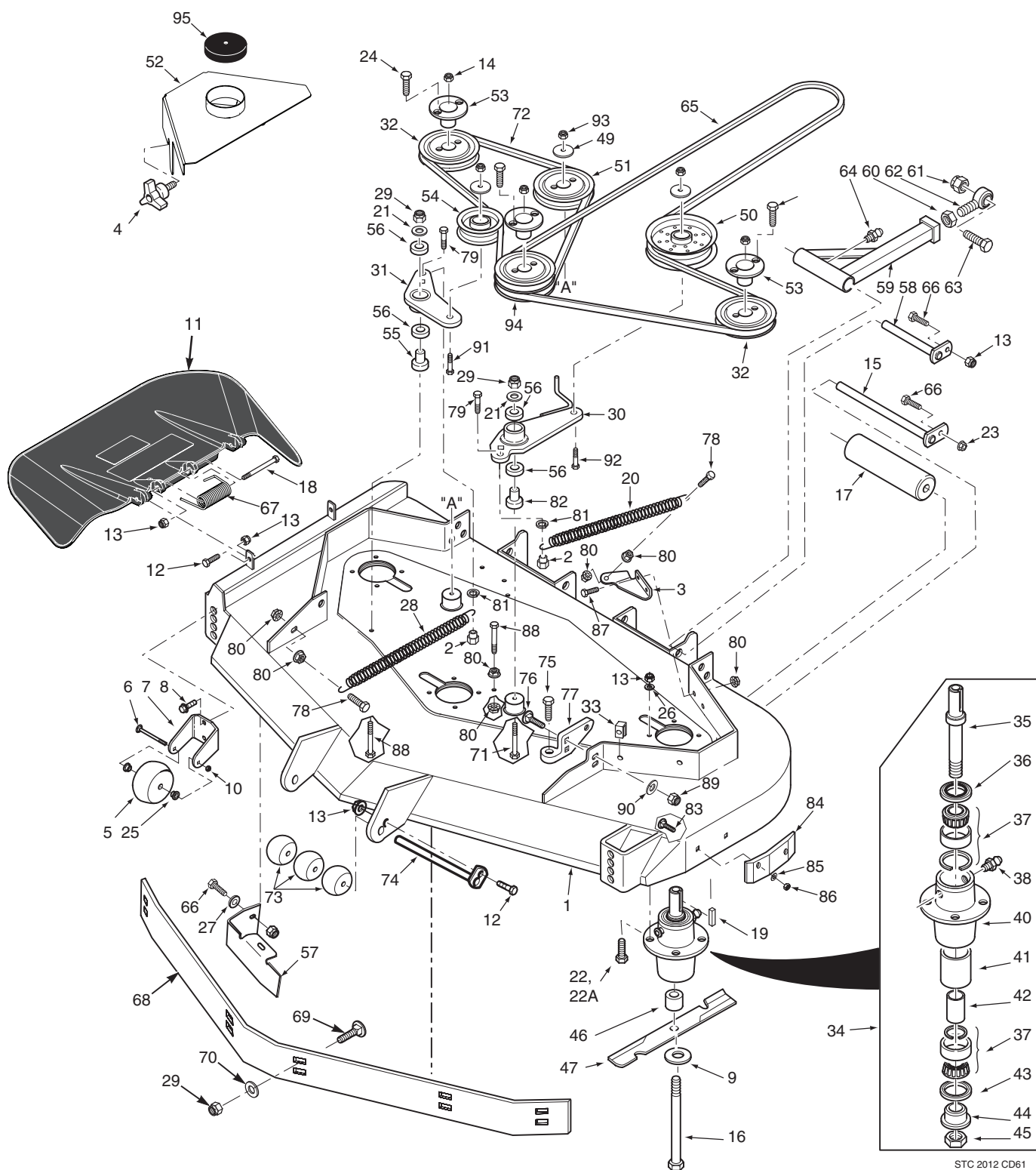
* 52" cutter deck has a notch for anti-scalp roller

48V & 52V CUTTER DECKS

Ref. No.	Part No.	Description	48	52	Ref. No.	Part No.	Description	48	52
1	461854	Cutter Deck Velocity Plus	X		51	43689	Idler Pivot	X	X
	461858	Cutter Deck Velocity Plus		X	52	462359	Belt Cover Weldment RH (incl. #91)	X	
2	43686	Boss, Spring Anchor	X	X		462358	Belt Cover Weldment LH (incl. #91)	X	
3	04019-04	Nut, 3/8-16 Serrated Flange	X	X	52A	462404	Belt Cover Weldment RH (incl. #91)		X
4	481625-01	Wing Nut, 3/8-16	X	X		462405	Belt Cover Weldment LH (incl. #91)		X
5	481632	Anti-Scalp Wheel	X	X	53	48926	Hub, Tapered 1-1/8" Bore	X	X
6	04003-26	Bolt, Carriage 3/8-16 x 4"	X	X	54	461946	Idler Arm	X	X
7	422478	Bracket, Anti-Scalp Wheel	X	X	55	04001-172	Bolt, Hex Head 1/4-20 x 1" Grade 8	X	X
8	04017-27	Bolt, Serrated Flange 3/8-16 x 1"	X	X	56	483282	Pulley 4.75"	X	
9	04043-06	Flatwasher, 5/8" Hardened	X	X		483284	Pulley 5.35"		X
10	04021-05	Locknut, 3/8-16 Center Lock	X	X	57	424208	Turbo Baffle, Bolt On	X	X
11	461844	Discharge Chute Assy.	X			*425619	Turbo Baffle, 48V	X	
	*462473	CA Discharge Chute, 48V	X			*424211	Turbo Baffle, 52V		X
	461845	Discharge Chute Assy.		X	58	451240	Push Arm Shaft	X	X
	*462475	CA Discharge Chute, 52V		X	59	461516	Push Arm (Includes 64,60,62)	X	X
12	04001-11	Bolt, Hex Head 5/16-18 x 1-1/2", Rear	X	X	60	04020-16	Nut, 5/8-18 UNF	X	X
	04001-12	Bolt, Hex Head 5/16-18 x 1-3/4", Front	X	X	61	04021-13	Nut, Elastic Stop 5/8-11	X	X
13	04021-10	Nut, Elastic Stop 5/16-18	X	X	62	48763	Rod End, 5/8 Male RH Thread	X	X
14	04020-09	Nut, 5/8-11 UNC	X	X	63	04001-79	Bolt, Hex Head 5/8-11 x 4-1/2"	X	X
15	45944	Shaft, Roller	X	X	64	48114-04	Grease Fitting, 90 Degree	X	X
16	04001-41	Bolt, Hex Head 5/8-11 x 9-1/2"	X	X	65	483241	Belt, Cutter Deck Drive (48V)	X	
17	48038	Roller, Rear	X	X		483242	Belt, Cutter Deck Drive (52V)		X
18	04001-154	Bolt, Hex Head 5/16-18 x 4-3/4"	X	X	66	04001-09	Bolt, Hex Head 5/16-18 x 1"	X	X
19	04063-08	Key, 1/4 x 1/4 x 2"	X	X	67	483378	Spring, Discharge Chute	X	X
20	483246	Spring, Idler LH	X	X	68	424839	Baffle Custom-Cut, 48V (7-Position)	X	
21	04043-04	Flatwasher, 3/8"	X	X		424840	Baffle Custom-Cut, 52V (7-Position)		X
22	04001-176	Bolt, Hex Head 5/16-18 x 1-3/4" Gr. 8	X	X	69	04003-23	Bolt, Carriage 3/8-16 x 1"	X	X
23	04019-03	Nut, Serrated Flange 5/16-18	X	X	70	04021-22	Nut, Elastic Stop 5/16-18 Grade 8	X	X
24	04001-51	Bolt, Hex Head 3/8-16 x 3-3/4"	X	X	71	04043-04	Flatwasher 3/8"	X	X
25	48100-15	Bushing, .376 ID Oilite	X	X	72	483239	Belt, RH Cutter Deck	X	X
26	04030-03	Lockwasher 5/16"	X	X		483240	Belt, RH Cutter Deck		
27	04040-15	Flatwasher 5/16"	X	X	73	48181	Pulley, Idler 5" Dia.	X	X
28	04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Gr. 8	X	X	74	483283	Pulley, Double Groove	X	X
29	04021-09	Nut, Elastic Stop 3/8-16	X	X		483285	Pulley, Double Groove		
30	04001-31	Bolt, Hex Head 3/8-16 x 2-1/2"	X	X	75	483167	Bolt, Special	X	X
31	483247	Spring, Idler RH	X	X	76	461929	Lever Assy., Deck Level	X	X
32	424369	Bracket, Spring Anchor LH 48V	X	X	77	04003-40	Bolt, Carriage 7/16-14 x 1-1/4"	X	X
	424409	Bracket, Spring Anchor LH 52V			78	04040-11	Flatwasher, 7/16-.500 x 1.25 x .083"	X	X
33	04110-03	U-Nut, 3/8-16	X	X	79	04021-11	Nut, Elastic Stop 7/16-14	X	X
34	461663	Spindle Assembly	X	X	80	424367	Dust Shield	X	X
35	43589	Shaft, Spindle	X	X	81	04030-03	Lockwasher 3/8"	X	X
36	481024	Seal Upper	X	X	82	424376	Bracket, Spring Anchor RH	X	X
37	481022	Bearing Assembly	X	X		424377	Bracket, Spring Anchor RH	X	X
38	48114-04	Grease Fitting	X	X	83	04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Gr. 8	X	X
39	48677	Valve, Grease Relief	X	X	84	04001-19	Bolt, Hex Head 3/8-16 x 1"	X	X
40	43644	Housing, Spindle	X	X	85	04021-04	Nut, Center Lock 5/16-18	X	X
41	43312	Spacer, Outside	X	X	86	483176	Wear Pad	X	X
42	43296	Spacer, Inside	X	X	87	43689	Idler Pivot	X	X
43	481025	Seal, Lower	X	X	88	04003-12	Bolt, Carriage 5/16-18 x 3/4"	X	X
44	43297	Bushing, Bottom	X	X	89	04040-04	Flatwasher, 5/16"	X	X
45	481035	Nut, Special 1-1/16 - 18	X	X	90	484368	Cap, Spindle	X	X
46	43590	Spacer, Spindle	X	X					
47	482877	Cutter Blade 16.5"	X	X					
	482878	Cutter Blade 18"							
48	483210	Pulley, Idler 5" Dia.	X	X					
49	48224	Bearing	X	X					
50	461940	Idler Arm Assy.	X	X					

* = California Models Only (not shown)

61V CUTTER DECK



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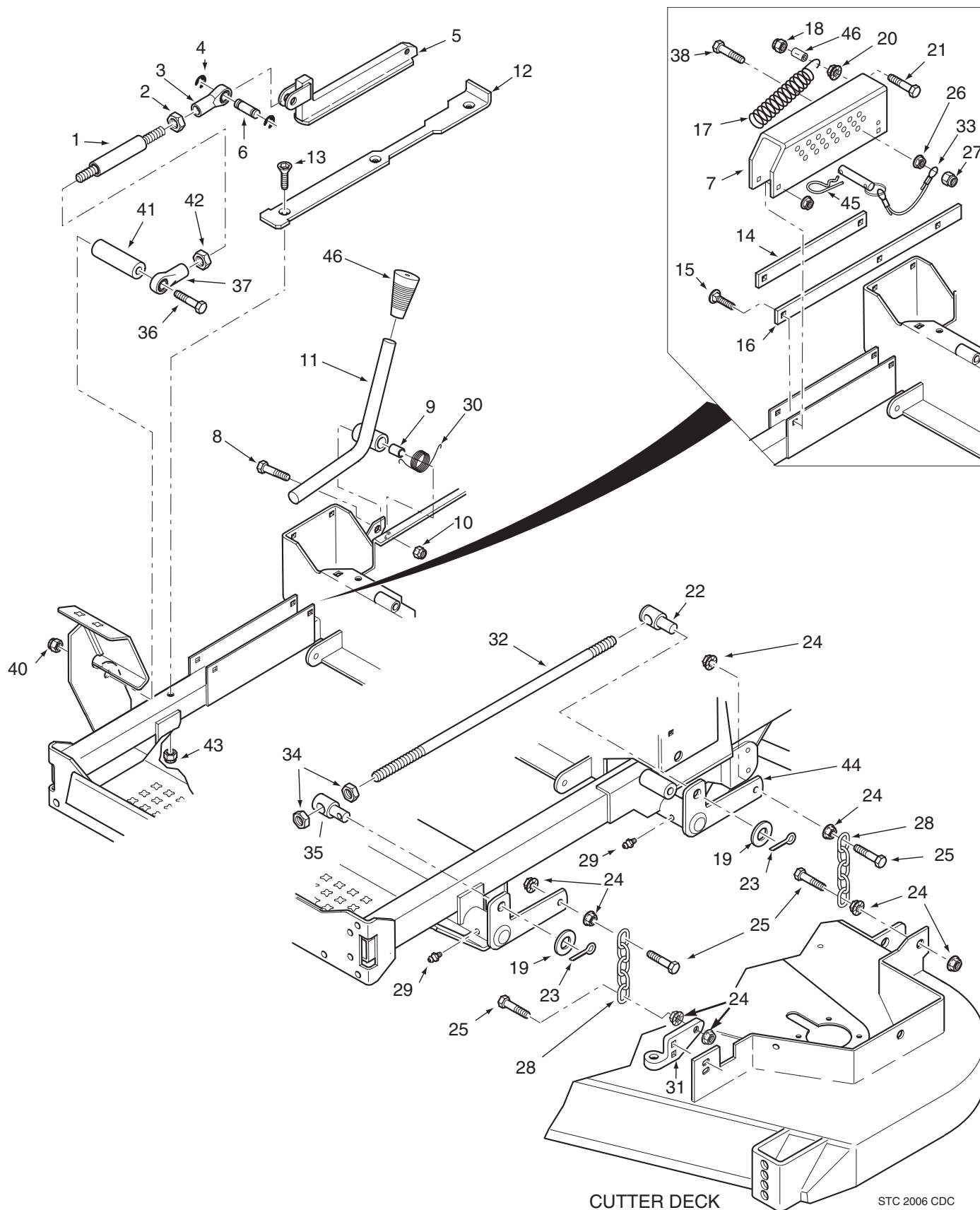
61V CUTTER DECK

Ref. No.	Part No.	Description
1	461862	Cutter Deck Velocity Plus
2	43687	Boss, Spring Anchor
3	424371	Bracket, LH Spring Anchor 61V
4	481625-01	Wing Nut, 3/8-16
5	481632	Anti-Scalp Wheel
6	04003-26	Bolt, Carriage 3/8-16 x 4"
7	422478	Bracket, Anti-Scalp Wheel
8	04017-27	Bolt, Serrated Flange 3/8-16 x 1"
9	04043-06	Flatwasher, 5/8" Hardened
10	04021-05	Locknut, 3/8-16 Center Lock
11	461846	Discharge Chute Assy.
	*462477	CA Discharge Chute Assy.
12	04001-11	Bolt, Hex Head 5/16-18 x 1-1/2", Rear
	04001-12	Bolt, Hex Head 5/16-18 x 1-3/4", Front
13	04021-10	Nut, Elastic Stop 5/16-18
14	04020-09	Nut, 5/8-11 UNC
15	45944	Shaft, Roller
16	04001-41	Bolt, Hex Head 5/8-11 x 9-1/2"
17	48038	Roller, Rear
18	04001-154	Bolt, Hex Head 5/16-18 x 4-3/4"
19	04063-08	Key, 1/4 x 1/4 x 2"
20	483246	Spring, LH Deck Drive
21	04043-04	Flatwasher, 3/8" - .938 x .391 x .105"
22	04001-176	Bolt, Hex Head 5/16-18 x 1-3/4" Grade 8
23	04019-03	Nut, Serrated Flange 5/16-18
24	04001-172	Bolt, Hex Head 1/4-20 x 1" Grade 8
25	48100-15	Bushing, .376 ID Oilite
26	04030-03	Lockwasher 5/16"
27	04040-15	Flatwasher 5/16"
28	483703	Spring, RH Deck Drive
29	04021-09	Nut, Elastic Stop 3/8-16
30	461940	Idler Arm Assembly, LH Drive
31	461946	Idler Arm Assembly, RH Drive
32	483286	Pulley, Tapered Bore 6.33" Dia.
33	04110-03	U-Nut, 3/8-16
34	461663	Spindle Assembly
35	43589	Shaft, Spindle
36	481024	Seal Upper
37	481022	Bearing Assembly
38	48114-04	Grease Fitting
39	48677	Valve, Grease Relief
40	43644	Housing, Spindle
41	43312	Spacer, Outside
42	43296	Spacer, Inside
43	481025	Seal, Lower
44	43297	Bushing, Bottom
45	481035	Nut, Special 1-1/16 - 18
46	43590	Spacer, Spindle
47	482879	Cutter Blade 21"
48	483287	Pulley, Double Groove 6.33" Dia.
49	424367	Dust Shield

Ref. No.	Part No.	Description
50	483210	Idler Pulley, 5" Dia.
51	48181	Idler Pulley, 5" Dia.
52	424575	Belt Cover (61V)
53	48926	Hub, Tapered 1-1/8" Bore
54	483415	Idler Pulley, 3-1/2" Dia.
55	43689	Pivot, Idler
56	48224	Bearing
57	424209	Turbo Baffle, Bolt On
	*425625	Turbo Baffle 61V
58	451240	Push Arm Shaft
59	461516	Push Arm (Includes 64,60,62)
60	04020-16	Nut, 5/8-18 UNF
61	04021-13	Nut, Elastic Stop 5/8-11
62	48763	Rod End, 5/8 Male RH Thread
63	04001-79	Bolt, Hex Head 5/8-11 x 4-1/2"
64	48114-04	Grease Fitting, 90 Degree
65	483243	Belt, Deck Drive 61V
66	04001-09	Bolt, Hex Head 5/16-18 x 1"
67	483185	Spring, Discharge Chute
68	424841	Baffle Custom-Cut, 61V (7-Position)
69	04003-23	Bolt, Carriage 3/8-16 x 1"
70	04041-07	Flatwasher, 3/8-.391 x .938 x .105"
71	04001-77	Bolt, Hex Head 3/8-16 X 3-1/2"
72	483157	Belt, Deck Drive RH
73	482295	Wheel, Anti Scalp
74	45944	Roller Shaft
75	483167	Bolt, Special
76	04003-40	Bolt, Carriage 7/16-14 x 1-1/4"
77	461929	Lever Assy., Deck Level
78	04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Gr.8
79	04001-19	Bolt, Hex Head 3/8-16 x 1"
80	04019-04	Nut, Serrated Flange 3/8-16
81	04030-04	Lockwasher, 5/16"
82	43689	Pivot, Idler Short
83	04003-12	Bolt, Carr. 5/16-18 x 3/4"
84	483176	Wear Pad
85	04040-04	Flatwasher, 5/16-.344 x .688 x .065"
86	04021-04	Nut, Center Lock 5/16"
87	04001-19	Bolt, Hex Head 3/8-16 x 1"
88	04001-31	Bolt, Hex Head 3/8-16 x 2-1/2"
89	04021-11	Nut, Elastic Stop 7/16-14
90	04040-11	Flatwasher, 7/16-.500 x 1.250 x .083"
91	04001-46	Bolt, Hex Head 3/8-16 x 2-1/4"
92	04001-54	Bolt, Hex Head 3/8-16 x 3"
93	04021-09	Nut, Elastic Stop 3/8-16
94	483287	Pulley, Double Groove 6.33" Dia.
95	484368	Cap, Spindle

* = California Models Only (not shown)

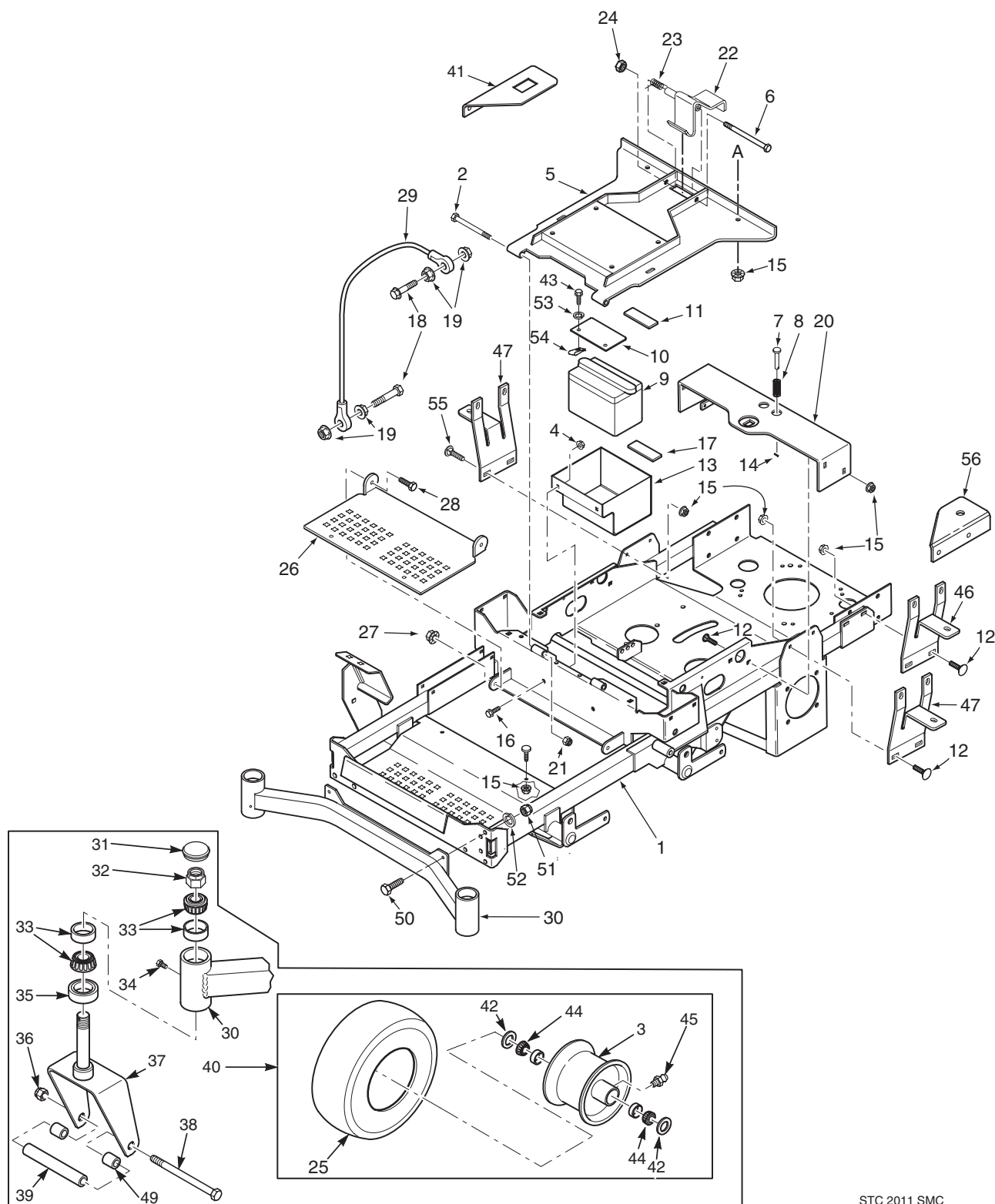
CUTTER DECK CONTROLS



CUTTER DECK CONTROLS

Ref. No.	Part No.	Description
1	482624	Rod, Deck Lift Linkage
2	04020-28	Nut, Jam 1/2-20 LH Thread
3	481766	Rod End, 1/2-20 Female Thread
4	04050-10	Retaining Ring, 1/2" External "E"
5	483062	Slide, Deck Height Adjust
6	43487	Pin, Deck Lift
7	423463	Bracket, Cutting Height Adjustment
8	04001-22	Bolt, Hex Head 3/8-16 x 2-3/4"
9	43668	Bushing .502" OD
10	04021-09	Nut, Elastic Stop 3/8-16
11	461874	Lever, Deck Latch
12	422346	Slide, Cutting Height
13	04014-03	Screw, Cap 5/16-18 x 3" FHHS
14	422381	Guide, Short
15	04003-04	Bolt, Carriage 5/16-18 x 1"
16	422380	Guide, Long
17	483177	Spring, Helper
18	04021-05	Nut, 3/8-16 Center Lock
19	04040-09	Flatwasher, 5/8-.656 x 1.312 x .095"
20	04019-04	Nut, 3/8-16 Serr. Flange
21	04001-32	Bolt, Hex Head 3/8-16 x 1-1/4"
22	43678	Swivel Joint LH
23	04061-07	Cotter Pin, 3/16 x 1"
24	04019-04	Nut, Serr. Flange 3/8-16
25	04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"
26	04019-04	Nut, Serr. Flange 3/8-16
27	04021-09	Nut, Elastic Stop 3/8-16
28	48540	Chain
29	48114-04	Grease Fitting, 1/4-28 Self Tap
30	483181	Torsion Spring
31	461929	Lever Assy., Deck Level
32	04004-45	Stud, 1/2-13 x 20"
33	04067-09	Pin
	481547	Lanyard
34	04020-07	Nut, 1/2-13
35	43679	Swivel Joint RH
36	04001-155	Bolt, Hex Head 1/2-13 x 5"
37	481765	Rod End, 1/2-20 Female RH Thread
38	04001-77	Bolt, Hex Head 3/8-16 x 3-1/2"
39	43572	Spacer
40	04021-07	Locknut, 1/2-13
41	43630	Spacer
42	04020-27	Nut, 1/2-20 UNF-2B
43	04021-10	Nut, Elastic Stop 5/16-18
44	45904	Lift Bellcrank Weldment, LH Rear
	45905	Lift Bellcrank Weldment, RH Rear
	04041-14	Flatwasher, 1.0-1.062 x 1.5 x .048"
	04050-08	Retaining Ring, 1" ext.
45	04062-04	Hair Pin Cotter, .177 x 3-1/4"
46	481477	Grip, Deck Latch Lever

SHEET METAL COMPONENTS



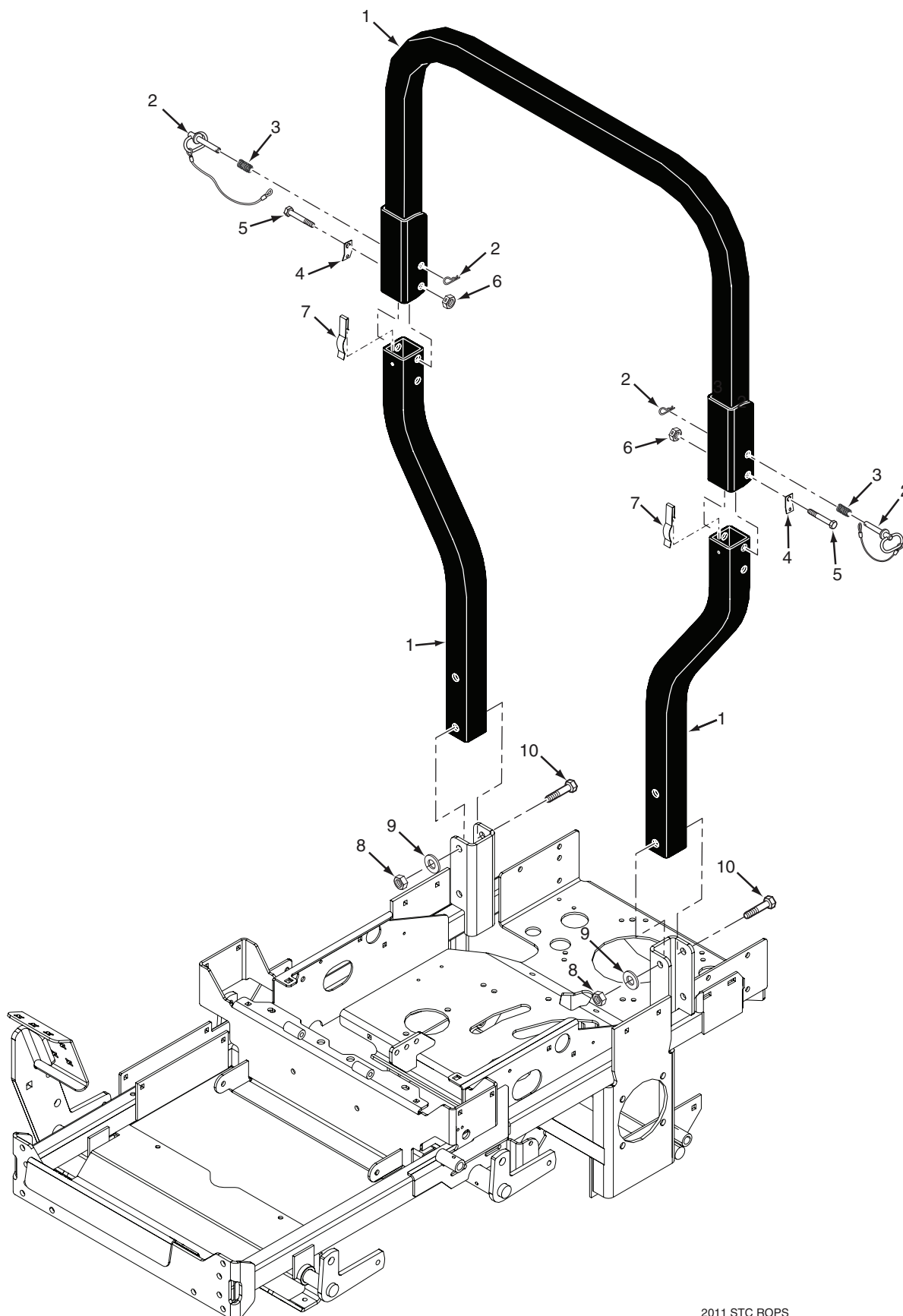
STC 2011 SMC

SHEET METAL COMPONENTS

Ref. No.	Part No.	Description
1	462325	Main Frame Assembly w/decals
2	04001-73	Bolt, Hex Head 5/16-18 x 3-3/4"
3	482625	Rim 48" & 52" (Includes Item 45)
	482620	Rim 61" (Includes Item 45)
4	04019-04	Nut, Serr. Flange 3/8-16
5	461989	Plate, Seat Mounting w/decals
6	04001-100	Bolt, Hex Head 3/8-16 x 6"
7	43462	Pin Retainer, Spring
8	481389	Spring
9	**	Battery (not available through Scag)
10	423571	Battery Cover
11	482553	Battery Hold Down Pad
12	04003-12	Bolt, Carr. 5/16-18 x 3/4"
13	423556	Battery Box
14	04060-01	Roll Pin, Spring 5/32 x 3/4"
15	04019-03	Nut, Serr. Flange 5/16-18
16	04001-19	Bolt, Hex Head 3/8-16 x 1"
17	482552	Pad, Rubber
18	04001-59	Bolt, Hex Head 1/4-20 x 1-1/4"
19	04019-02	Nut, Serr. Flange 1/4-20
20	451896	Seat Base Support
21	04021-10	Nut, Elastic Stop 5/16-18
22	451897	Seat Latch Weldment
23	483371	Spring, Seat Latch
24	04021-05	Locknut, 3/8-16 Center Lock
25	481613	Tire, 13 x 5.0-6 Smooth (48" & 52")
	482619	Tire, 13 x 6.5-6 Smooth (61")
26	423557	Footplate
27	04021-09	Nut, Elastic Stop 3/8-16
28	04001-19	Bolt, Hex Head 3/8-16 x 1"
29	48566	Cable, Seat Stop
30	452204	Weldment, Caster Support (48" & 52")
	452205	Weldment, Caster Support (61")

Ref. No.	Part No.	Description
31	484195	Cap, Grease
32	04021-20	Nut, Elastic Stop 1.0"-14
33	48668	Bearing Set
34	482028-01	Plug, 1/4-28
35	481025	Seal, 2.0" OD x 1.625" ID
36	04021-07	Nut, Elastic Stop 1/2-13
37	451471	Yoke, Front Caster Wheel
	451658	Yoke, Front Caster Wheel (61")
38	04001-134	Bolt, Hex Head 1/2-13 x 7-1/2"
	04001-167	Bolt, Hex Head 1/2-13 x 9-1/2" (61")
39	43581	Sleeve - 48" & 52"
	43583	Sleeve - 61"
40	482503	Caster Wheel Assembly
	482504	Caster Wheel Assembly (61")
41	424112	Bracket, Hour Meter
	425071	Bracket, Hour Meter - Fuel Valve (EFI Only)
42	482622	Seal
43	04001-32	Bolt, Hex Head 3/8-16 x 1-1/4"
44	482621	Roller Bearing
45	48114-04	Fitting, Grease
46	423575	Mounting Bracket, Oil Tank
47	423764	Mounting Bracket, Fuel Tank
48	482633	Seat Pan
49	43584	Spacer, Caster Wheel
50	04001-28	Bolt, Hex Head 7/16-14 x 1-1/4"
51	04021-11	Nut, Elastic Stop 7/16-14
52	04030-05	Lockwasher, 7/16"
53	04030-04	Lockwasher, 3/8" Spring
54	04110-03	U-Nut, 3/8-16
55	04003-04	Bolt, Carriage 5/16-18 x 1"
56	423912	Bracket, Fuel Valve (not used on EFI)

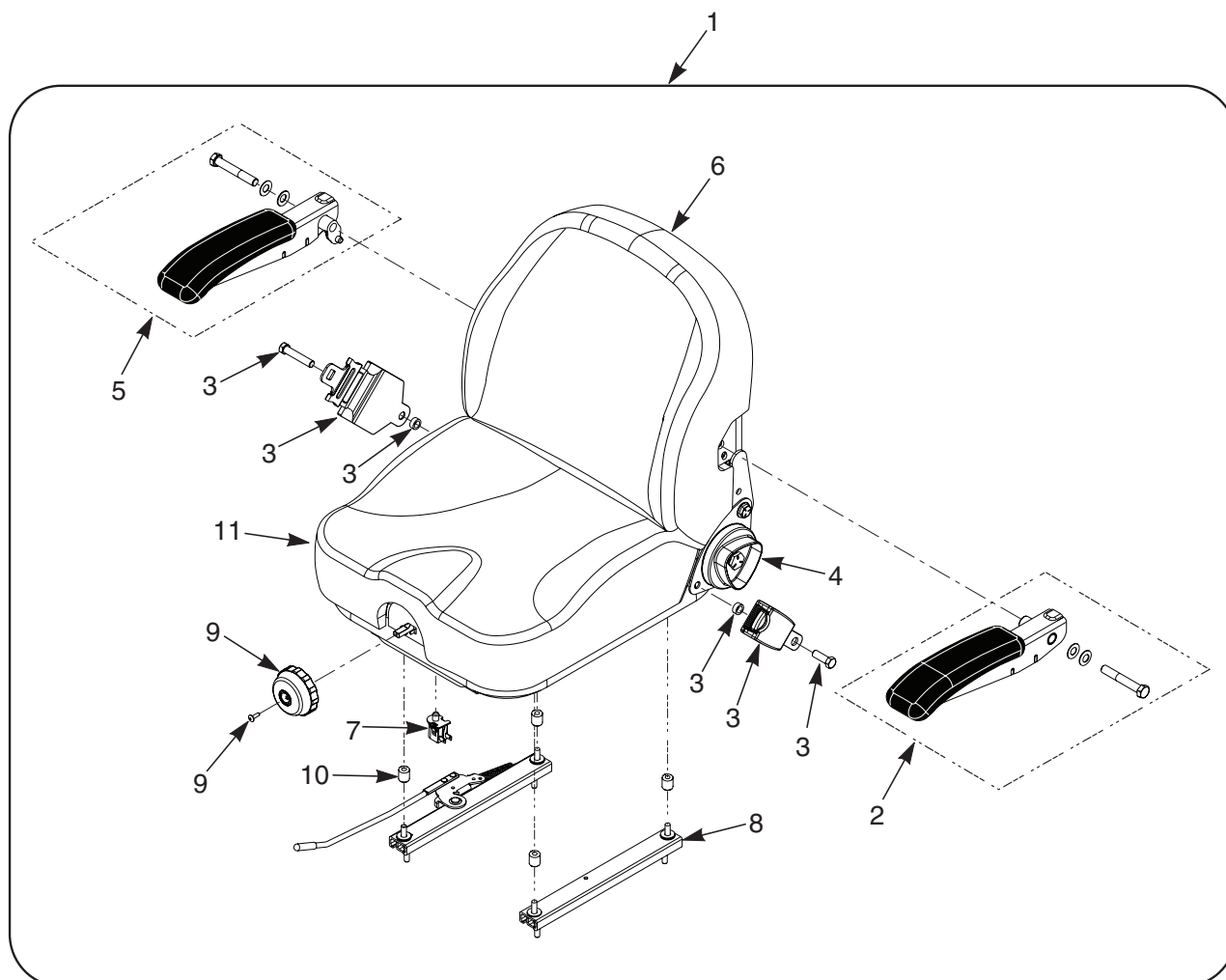
STC FOLDABLE ROLL-OVER PROTECTION SYSTEM



STC FOLDABLE ROLL-OVER PROTECTION SYSTEM

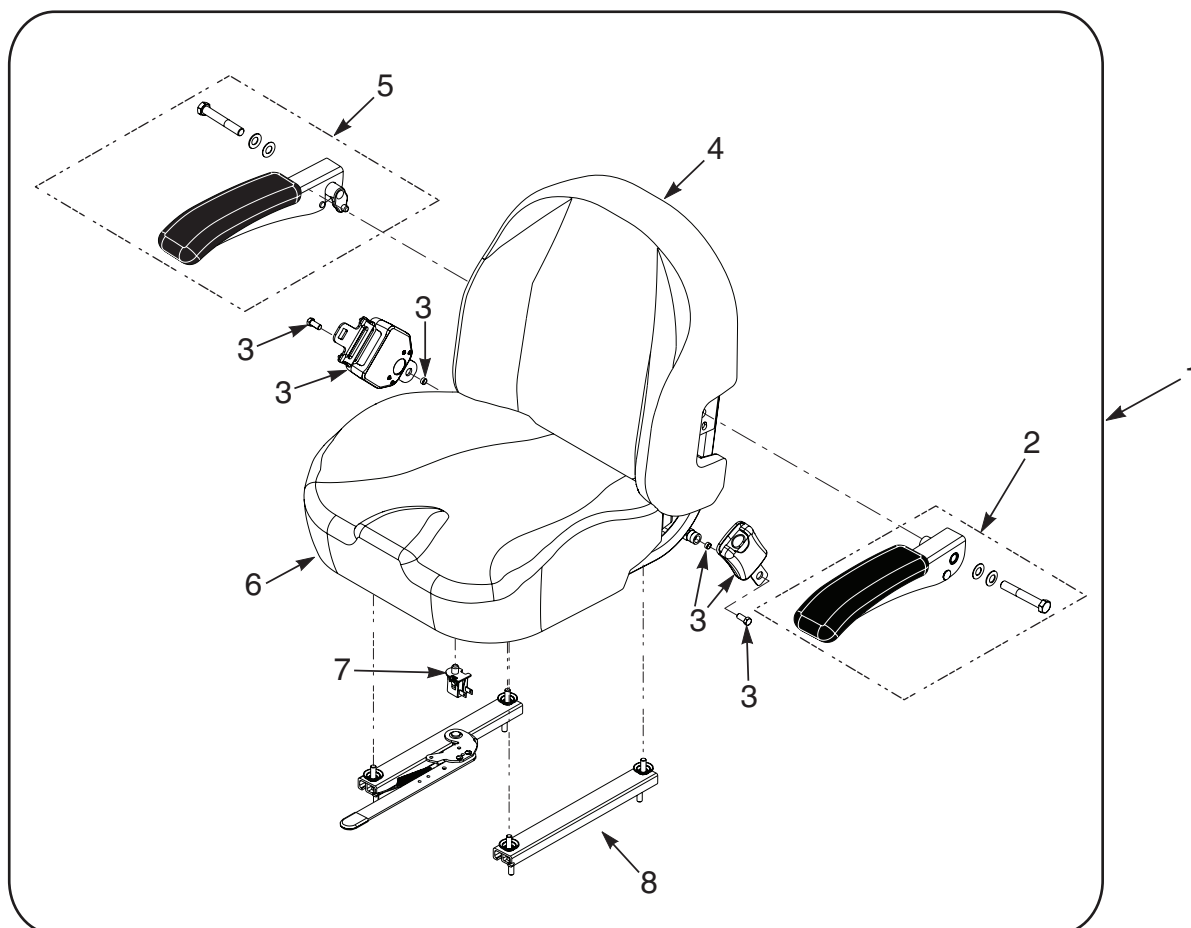
Ref. No.	Part No.	Description
1	462209	STC Foldable ROPS
2	484168	Pin Assembly (incl. #3 & #4)
3	484170	Spring, ROPS
4	484169	Clip, ROPS
5	04001-90	Bolt, Hex Head 1/2-13 x 3-1/4"
6	04021-19	Nut, Center Lock 1/2-13
7	484167	Spring Clip, ROPS
8	04021-19	Nut, Center Lock 1/2-13
9	04040-13	Flatwasher, 1/2-.562 x 1.375 x .109
10	04001-145	Bolt, Hex Head 1/2-13 x 3-1/2"

STC SUSPENSION SEAT



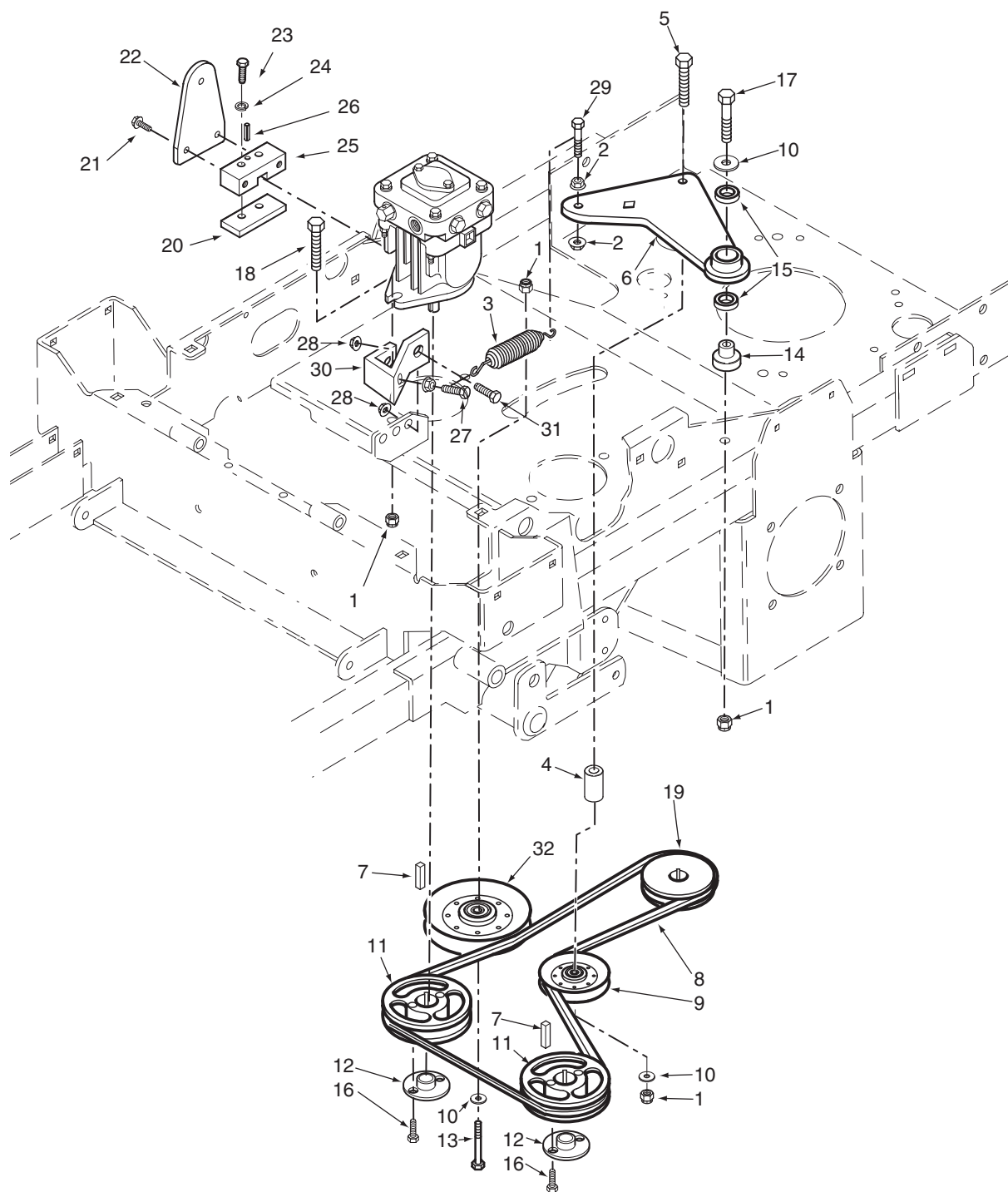
Ref. No.	Part No.	Description
1	922B	Suspension Seat Assembly w/seat belt
2	484709	Armrest Kit, LH
3	484717	Seat Belt Kit
4	484711	Recliner Knob Kit
5	484710	Armrest Kit, RH
6	484712	Back Cover
7	481638	Seat Switch
8	484713	Track Kit
9	484714	Suspension Knob Kit
10	43572	Spacer
11	484708	Seat Cushion

**STC SOFT RIDE SEAT W/BLACK ARMRESTS
USED ON STC48V-22FS & STC61V-27BS MODELS**



Ref. No.	Part No.	Description
1	484752	Seat Assembly
2	484754	Armrest Kit, LH
3	484527	Seat Belt Kit
4	484528	Back Cover
5	484755	Armrest Kit, RH
6	484529	Cushion Cover
7	481638	Seat Switch
8	482937	Track Kit, 6"

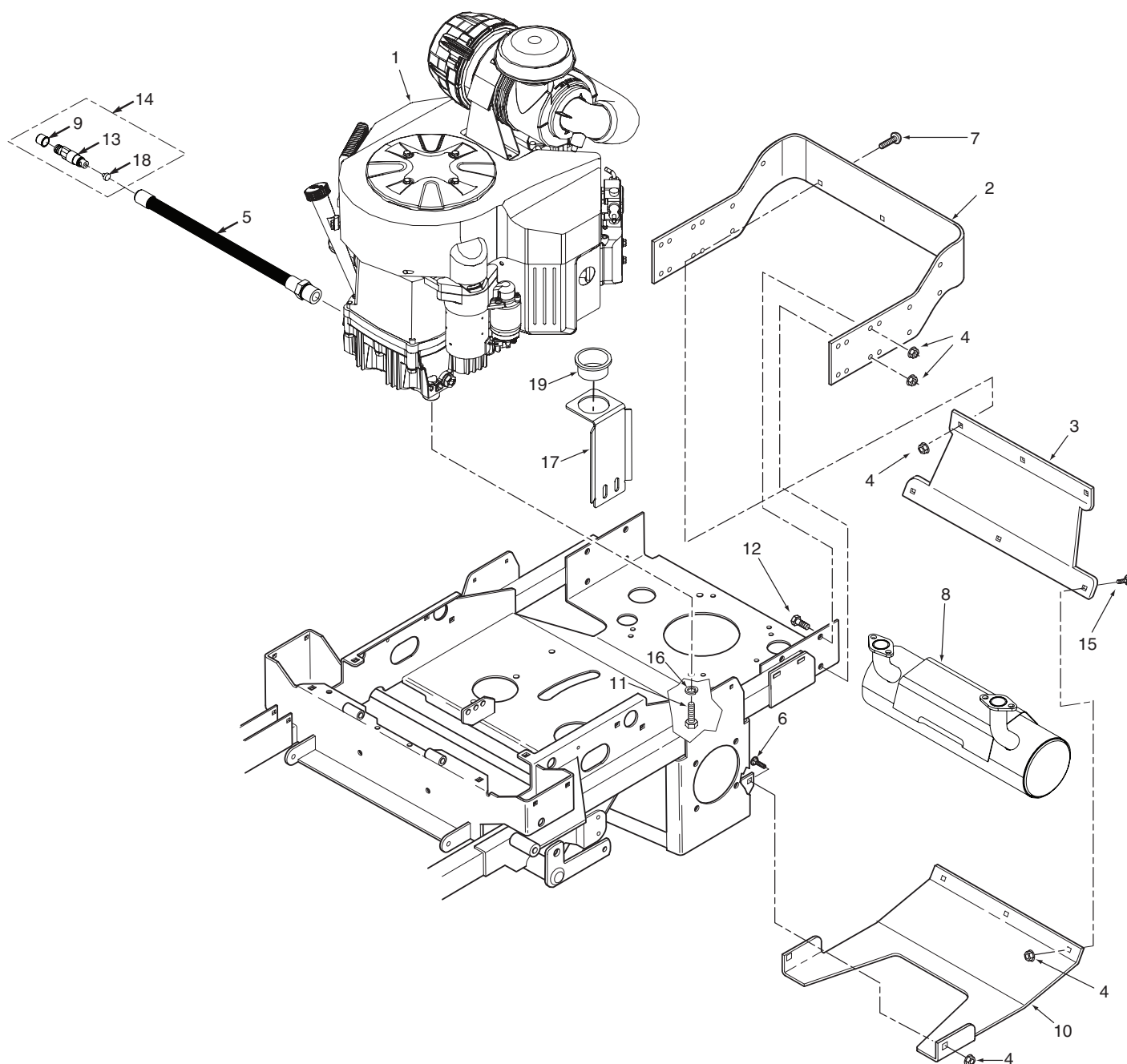
DRIVE SYSTEM COMPONENTS



DRIVE SYSTEM COMPONENTS

Ref. No.	Part No.	Description
1	04021-09	Nut, Elastic Stop 3/8-16
2	04019-04	Nut, Serrated Flange 3/8-16
3	483087	Spring, Pump Idler
4	43286	Spacer
5	04001-22	Bolt, Hex Head 3/8-16 x 2-3/4"
6	461603	Idler Arm Assy., Pump Drive
7	04063-14	Key, 5 x 5 x 25mm
8	483172	Belt, Transmission
9	483415	Pulley, 3-1/2" Dia. Idler
10	04043-04	Flatwasher, 3/8-.391 x .938 x .105"
11	482744	Pulley, 5.75" OD Taper Bore
12	482085	Hub, Tapered, 15mm Bore
13	04001-45	Bolt, 3/8-16 x 2"
14	43503	Pivot, Idler
15	48224	Bearing
16	04001-172	Bolt, Hex Head 1/4-20 x 1" Grade 8
17	04001-31	Bolt, Hex Head 3/8-16 x 2-1/2"
18	04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"
19	483081	Pulley, 5.75" Dia. - 1.125" Bore
20	421203	Clamp Plate
21	04017-05	Hex Head Capscrew, 1/4-20 x 3/4"
22	422969	Control Lever, Pump
23	04017-05	Hex Head Capscrew, 1/4-20 x 3/4"
24	04030-02	Lockwasher, 1/4"
25	48829	Block, Pump Control
26	04060-06	Roll Pin
27	04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8
28	04019-04	Nut, Serr. Flange 3/8-16
29	04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8
30	424137	Bracket
31	04001-19	Bolt, Hex Head 3/8-16 x 1"
32	483215	Pulley, 5" Dia. Idler

ENGINE & ATTACHING PARTS

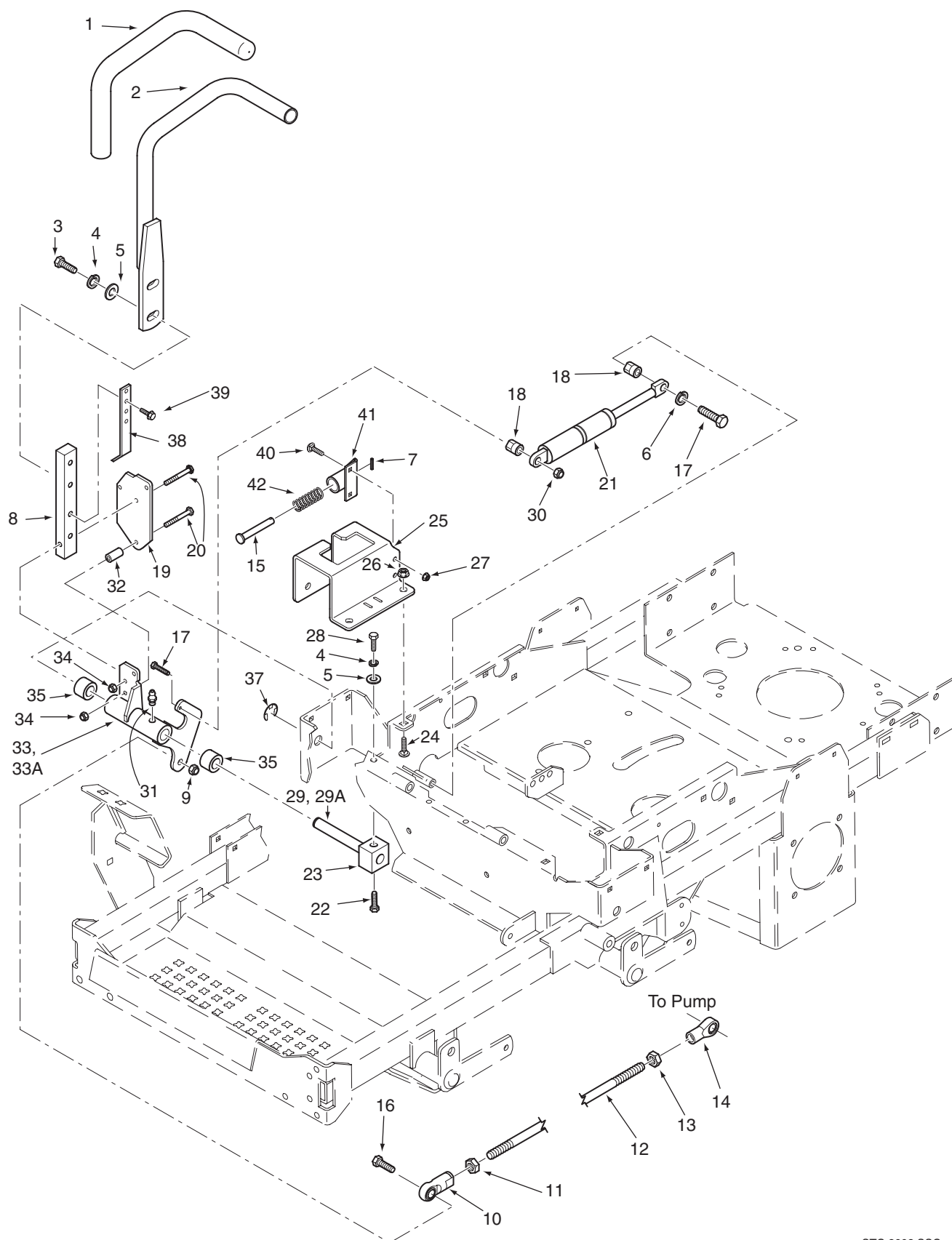


2014 STC EAP

ENGINE & ATTACHING PARTS

Ref. No.	Part No.	Description
1	484419	Engine, Kawasaki 22FS
	484225	Engine, Kawasaki 22FX
	484226	Engine, Kohler Command
	484227	Engine, Kohler Command
	484415	Engine, Kawasaki 23FX
	485031	Engine, Kohler 25CV-EFI
	484727	Engine, Kohler 26CV-EFI
	484456	Engine, Briggs & Stratton 27BS
2	423770	Bumper, Rear
3	424107	Shield, Rear (48" & 52")
	41031	Weight, Rear Shield (61" Only)
4	04019-04	Nut, Serr. Flange 3/8-16
5	484633	Hose, Oil Drain - Kawasaki FX / FS (incl. #9,13,14, 18)
	484628	Hose, Oil Drain - Briggs & Stratton (incl. #9,13,14, 18)
	484631	Hose, Oil Drain - Kohler CV (incl. #9,13,14, 18)
	48030-21	Clamp, J-Clip - Oil Drain Hose (not shown)
6	04003-23	Bolt, Carr. 3/8-16 x 1"
7	04104-01	Bolt, 3/8-16 x 1" Torx
8	484567	Muffler (Briggs & Stratton)
	484568	Muffler (Kohler)
	484650	Muffler (Kohler EFI)
	484209	Muffler (Kawasaki)
9	484585	Cap
10	423555	Plate, Skid
11	04001-32	Bolt, Hex Head 3/8-16 x 1-1/4" (Kawasaki)
	04011-07	Bolt, Hex Head 3/8-16 x 1-1/4" Self Tap (Briggs and Kohler)
	04001-11	Bolt, Hex Head 5/16-18 x 1-1/2" (Right Front Engine Mounting, Briggs and Kohler Only)
	04019-03	Nut, Serrated Flange 5/16-18 (Right Front Engine Mounting, Briggs and Kohler Only)
12	04001-19	Bolt, Hex Head 3/8-16 x 1"
13	48603-12	O-Ring
14	484593	Valve Assembly, Oil Drain
15	04003-31	Bolt, Carr. 3/8-16 x 3/4"
16	04030-04	Lockwasher, 3/8" Spring
17	426040	Bracket, Oil Drain Hose
	426749	Bracket, Oil Drain Hose - Kohler EFI
18	484586	Seal
19	484617	Bushing, Thick Panel Snap

STEERING COMPONENTS



STEERING COMPONENTS

Ref. No.	Part No.	Description
1	484376	Grip, Control Lever
2	462401	Handle Bar (Includes item 1)
3	04001-32	Bolt, Hex Head 3/8-16 x 1-1/4"
4	04030-04	Lockwasher, 3/8"
5	04041-07	Flatwasher, 3/8-.391 x .938 x .105"
6	04040-15	Flatwasher, 5/16-.375 x .875 x .083"
7	04060-01	Roll Pin, Spring 5/32 x 3/4"
8	422372	Bar, Control Lever
9	04021-09	Nut, Elastic Stop 3/8-16
10	482330	Rod End, 3/8-24 RH Female
11	04020-14	Nut, 3/8-24 RH Thread
12	482623	Rod, Pump Control Linkage
13	04020-17	Nut, 3/8-24 UNF-2B LH Thread
14	482331	Rod End, 3/8-24 LH Thread
15	43477	Pin Retainer
16	04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"
17	04001-12	Bolt, Hex Head 5/16-18 x 1-3/4"
18	43602	Spacer, Pump Dampener
19	423599	Plate, Control Lever
20	04001-17	Bolt, Hex Head 5/16-18 x 2"
21	484151	Gas Damper
22	04001-19	Bolt, Hex Head 3/8-16 x 1"
23	482099	Block, Clamping
24	04003-12	Bolt, Carriage, 5/16-18 x 3/4"
25	461770	Control Plate - LH (Includes Decal)
	461771	Control Plate - RH (Includes Decal)
26	04019-03	Nut, Serr., Flange, 5/16-18
27	04021-08	Nut, Elastic Stop 1/4-20
28	04001-18	Bolt, Hex Head 3/8-16 x 3/4"
29	43616	Shaft, Steering Control
30	04021-10	Nut, Elastic Stop 5/16-18
31	48114-04	Grease Fitting, 1/4-28 Self Tap
32	43559	Spacer, Control
33	49574	Control Lever Assy RH (Includes 31 & 35)
	49573	Control Lever Assy LH (Includes 31 & 35)
34	04021-10	Nut, Elastic Stop 5/16-18
35	48100-06	Bushing
36	04041-08	Flatwasher, 1-1/4 x 49/64 x 16 Ga.
37	04050-02	Retaining Ring, 3/4" Ext.
38	423057	Bracket, Switch Actuator
39	04017-16	Bolt, Hex Serr. Flange 5/16-18 x 3/4"
40	04003-02	Bolt, Carr. 1/4-20 x 3/4"
41	45918	Bracket, Control Return
42	481389	Spring
43	43477	Pin Retainer

This technical diagram illustrates the assembly of a vehicle chassis and suspension system. The main components shown include a rectangular chassis frame, a central differential housing, a rear axle assembly, and a tire. The diagram is an exploded view, showing the relative positions of various parts and their assembly sequence. Numbered callouts (1 through 44) identify specific components:

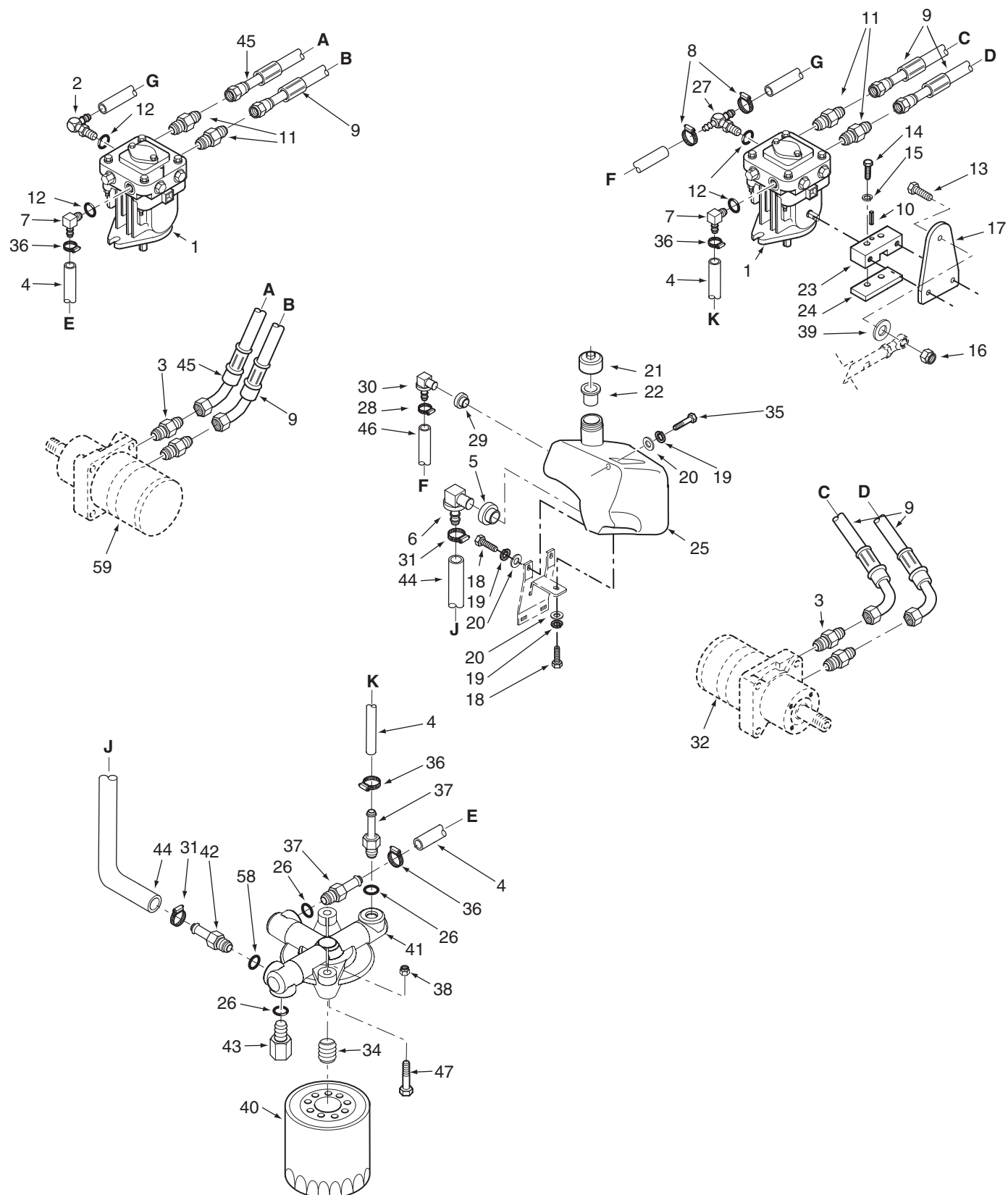
- 1-44:** Individual parts and fasteners, including bolts, nuts, washers, springs, and structural components.
- Chassis:** The main structural frame, including side rails and crossmembers.
- Differential:** The central housing for the rear axle, featuring a large octagonal cover.
- Rear Axle Assembly:** Includes the axle tube, axle housing, and associated mounting hardware.
- Tire:** A tire mounted on a rim, shown at the bottom right of the diagram.

STC 2002 BSC

BRAKE COMPONENTS

Ref. No.	Part No.	Description
1	04019-06	Nut, Serr. Flange 1/2-13
2	48807	Spring
3	04001-08	Bolt, Hex Head 5/16-18 x 3/4"
4	04001-163	Bolt, Hex Head 1/2-13 x 3-3/4"
5	04001-52	Bolt, Hex Head 1/2-13 x 2-1/2"
6	04021-19	Nut, 1/2-13 Center Lock
7	482639	Wheel Motor, Parker
8	04063-25	Key, Woodruff 5/16 x 1"
9	461438	Wheel Hub Assembly
10	483644	Brake Band Assembly
11	482061	Bushing, Self Align
12	48680	Nut, Hex Castle 1.0-20 UNEF
13	04061-06	Cotter Pin, 9/64 x 1-1/2"
14	04028-02	Lug Nut, 1/2-20
15	484105	Wheel Assembly 24 x 9.5-12 (48" Cutter Deck)
	484106	Wheel Assembly 24 x 9.5-12 (52" Cutter Deck)
	481850	Wheel Assembly 24 x 12-12 (61" Cutter Deck)
	481659	Rim (48" Cutter Deck)
	482414	Rim (52" Cutter Deck)
	481851	Rim (61" Cutter Deck)
	484104	Tire 24 x 9.5-12 (48 & 52)
	481852	Tire 24 x 12-12 (61)
16	04004-46	Brake Rod Stud, 3/8-24 x 8.125"
17	04020-14	Nut, 3/8-24 UNF
18	423279	Plate Weldment, Motor Backing
19	04064-16	Clevis Pin, 3/8 x 1.93"
20	04069-01	Pin, Rue Cotter 3/8" Dia.
21	451970	Brake Linkage LH
	451971	Brake Linkage RH
22	48114-04	Grease Fitting, 1/4-28
23	04020-25	Nut, 3/8-24 UNF
24	04050-01	Retaining Ring, .625" Ext.
25	04021-10	Nut, Elastic Stop 5/16-18
26	04041-07	Flatwasher, 3/8-.391 x .938 x .105"
27	04001-187	Bolt, Hex Head 1/2-13 x 2-1/2" Grade 8
28	04001-166	Bolt, Hex Head 3/8-24 x 3-3/4"
29	04061-02	Cotter Pin, 3/32 x 3/4"
30	04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"
31	451463	Brake Shaft
32	04021-09	Nut, Elastic Stop 3/8-16
33	48544	Rod End, 3/8-24 LH Thread
34	04064-02	Clevis Pin, 3/8 x 1.06"
35	48343-04	Clevis, 3/8-24
36	482102	Grip, Brake Lever
37	04019-04	Nut, Serr. Flange 3/8-16
38	461509	Brake Lever (includes item 36)
39	04001-22	Bolt, Hex Head 3/8-16 x 2-3/4"
40	04020-17	Nut, 3/8-24 UNF-2B LH Thread
41	422483	Lever, Brake
42	45974	Shaft Weldment, Pivot
43	43495	Pin, Pivot
44	04008-01	Bolt, Serr. Flange 1/2-20 x 4.563"

HYDRAULIC SYSTEM

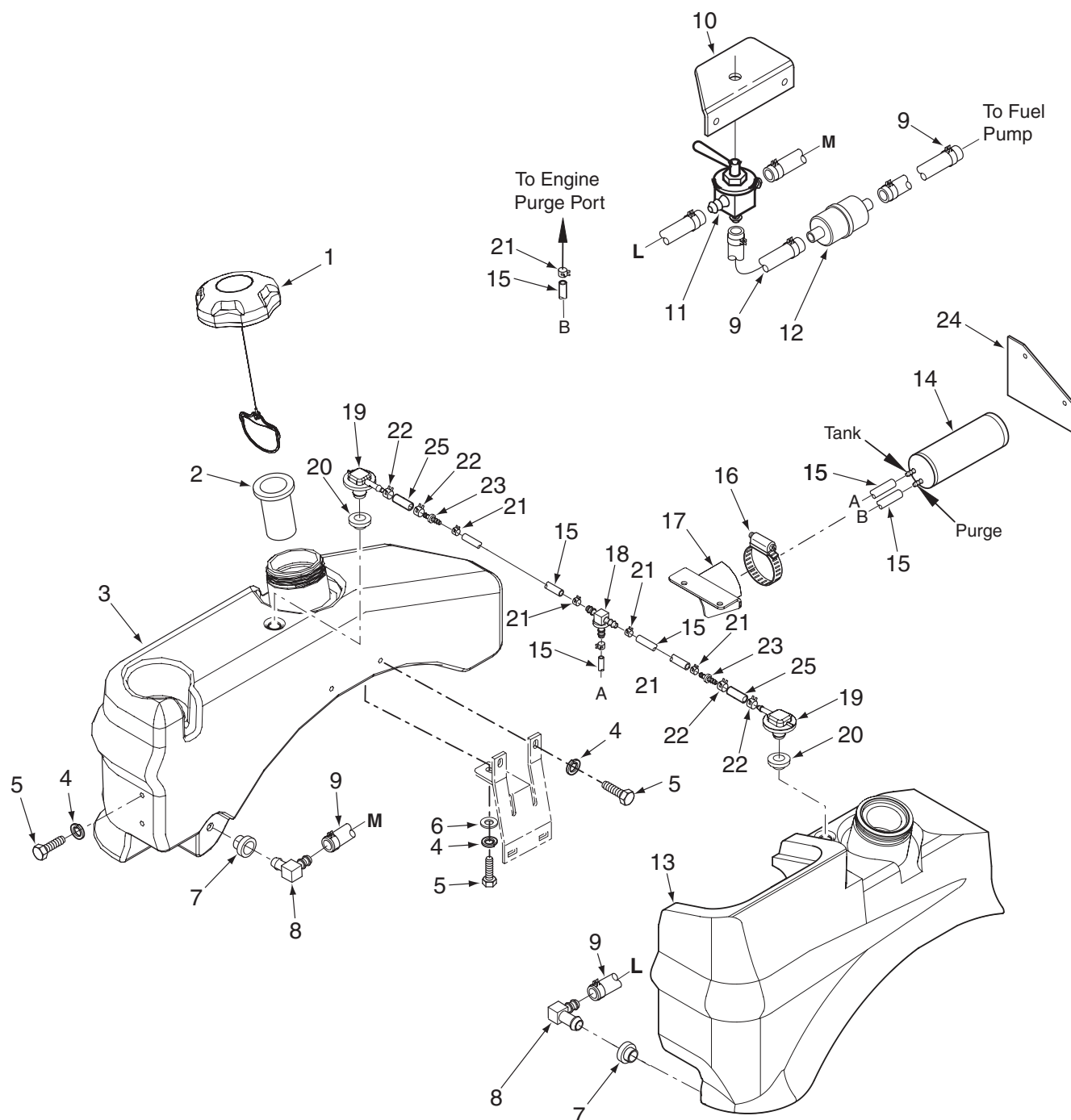


HYDRAULIC SYSTEM

Ref. No.	Part No.	Description
1	482643	Pump, BDP-10A-316 (LH)
	482644	Pump, BDP-10A-419 (RH)
2	482266-01	Elbow, 90 Degree 9/16" O-Ring x 3/8" Hose
3	48572-02	Fitting, 1/2" JIC x 5/8" O-Ring
4	48811	Hose, 3/8" Pushlock (Specify length)
5	482573	Bushing
6	482574	Fitting
7	482266-01	Elbow, 90 Degree 9/16" O-Ring x 3/8" Hose
8	48136-13	Hose Clamp, .69" Dia.
9	482548	Hose Assembly
10	04060-06	Roll Pin
11	48572-04	Fitting, 1/2" JIC x 1/2" O-Ring
12	48603-06	O-Ring
13	04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"
14	04017-07	Bolt, Hex Head 1/4-20 x 1-1/4"
15	04030-02	Lockwasher
16	04021-09	Nut, Elastic Stop 3/8-16
17	422969	Control Lever
18	04001-08	Bolt, Hex Head 5/16-18 x 3/4"
19	04030-03	Lockwasher, 5/16"
20	04040-15	Flatwasher, 5/16-.375 x .875 x .083
21	481164	Cap, Hydraulic Tank
22	481507	Insert, Filler Neck
23	48829	Control Block
24	421203	Clamp Plate
25	461479	Hydraulic Tank Assembly w/Fittings
26	48603-06	O-Ring, 9/16"
27	482277	Tee Fitting, O-Ring to Barb
28	48136-13	Clamp, .69" Max. / .25" Min. Dia.
29	482571	Bushing
30	482572	Elbow, 0.38" Hose
31	48136-13	Clamp
32	482639	Wheel Motor, Parker
33	48603-02	O-Ring, 3/4"
34	482802	Nipple, Oil Filter 1.0-12 UNF-2A x 1-1/4"
35	04001-11	Bolt, Hex Head 5/16-18 x 1-1/2"

Ref. No.	Part No.	Description
36	48136-13	Clamp, .69" Max. / .25" Min. Dia.
37	482800-02	Fitting, 9/16" O-Ring x 3/8" Hose
38	04019-03	Nut, Serr. Flange 5/16-18
39	04041-07	Flatwasher, 3/8-.391 x .938 x .105"
40	48462-01	Oil Filter
41	482798	Filter Head Assembly
42	482800-01	Fitting, 3/4" O-Ring x 3/8" Hose
43	48604-03	Plug, 9/16-18 O-Ring
44	482557	Hose, Filter Inlet
45	482605	Hose Assembly
46	48811	Hose, 3/8" Pushlock 15" Long
47	04001-17	Bolt, Hex Head 5/16-18 x 2"

STC FUEL SYSTEM

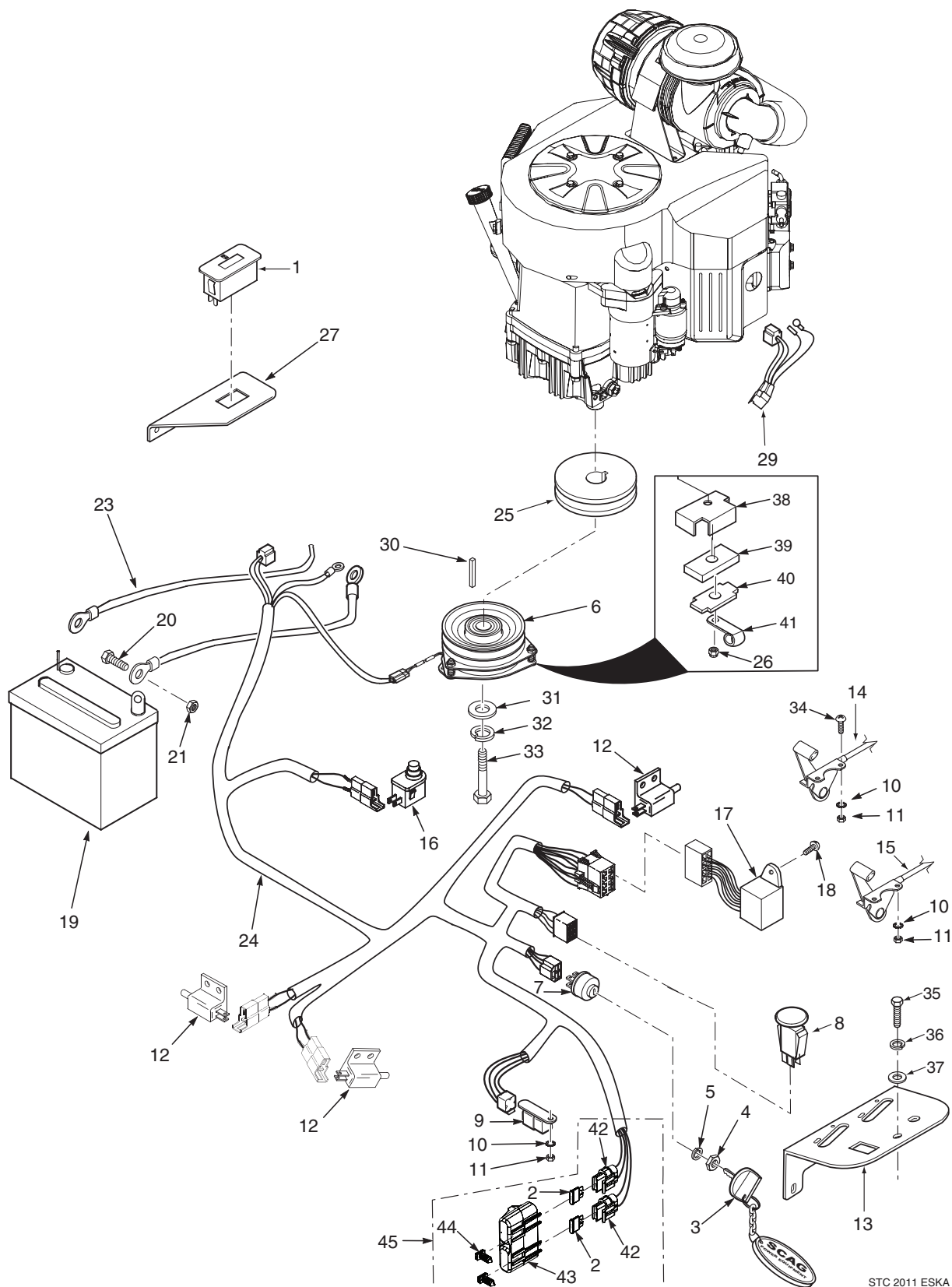


STC FUEL SYSTEM

Ref. No.	Part No.	Description
1	484286	Fuel Cap w/ Tethered
	484297	Fuel Cap w/Tethered - California Models Only (not shown)
2	484279-01	Tube, Fuel Tank Insert
3	462383	Fuel Tank RH Low Perm. (incl. #7 & #8)
4	04030-03	Lockwasher, 5/16" Spring
5	04001-08	Bolt, Hex Head 5/16-18 x 3/4"
6	04040-15	Flatwasher, 5/16-.375 x .875 x .083
7	482571	Tank Bushing
8	483748	Fitting, 90 Degree
9	483617	Fuel Hose, 1/4" I.D. Non-Perm (order by inch)
10	423912	Bracket, Fuel Valve
11	482212	Fuel Shutoff Valve
12	*	Fuel Filter
13	462382	Fuel Tank LH Low Perm. (incl. #7 & #8)
14	484342	Carbon Canister
15	484345	Hose, 3/16" (order by inch)
16	48136-17	Clamp
17	452176	Bracket, Canister Mounting
18	48935-02	T - Fitting, Fuel Vent
19	484284	Valve, Rollover
20	484285	Grommet, Viton
21	48059-05	Clamp, Vapor Recovery Hose 3/16"
22	48059-02	Clamp, Fuel Hose
23	484343-01	Mender, 1/4 x 3/16 w/.02 Hole
24	425559	Heatshield
25	484347	Hose, 1/4" Vapor Recovery (order by inch)

* = Available through engine manufacturer only.

ELECTRICAL SYSTEM

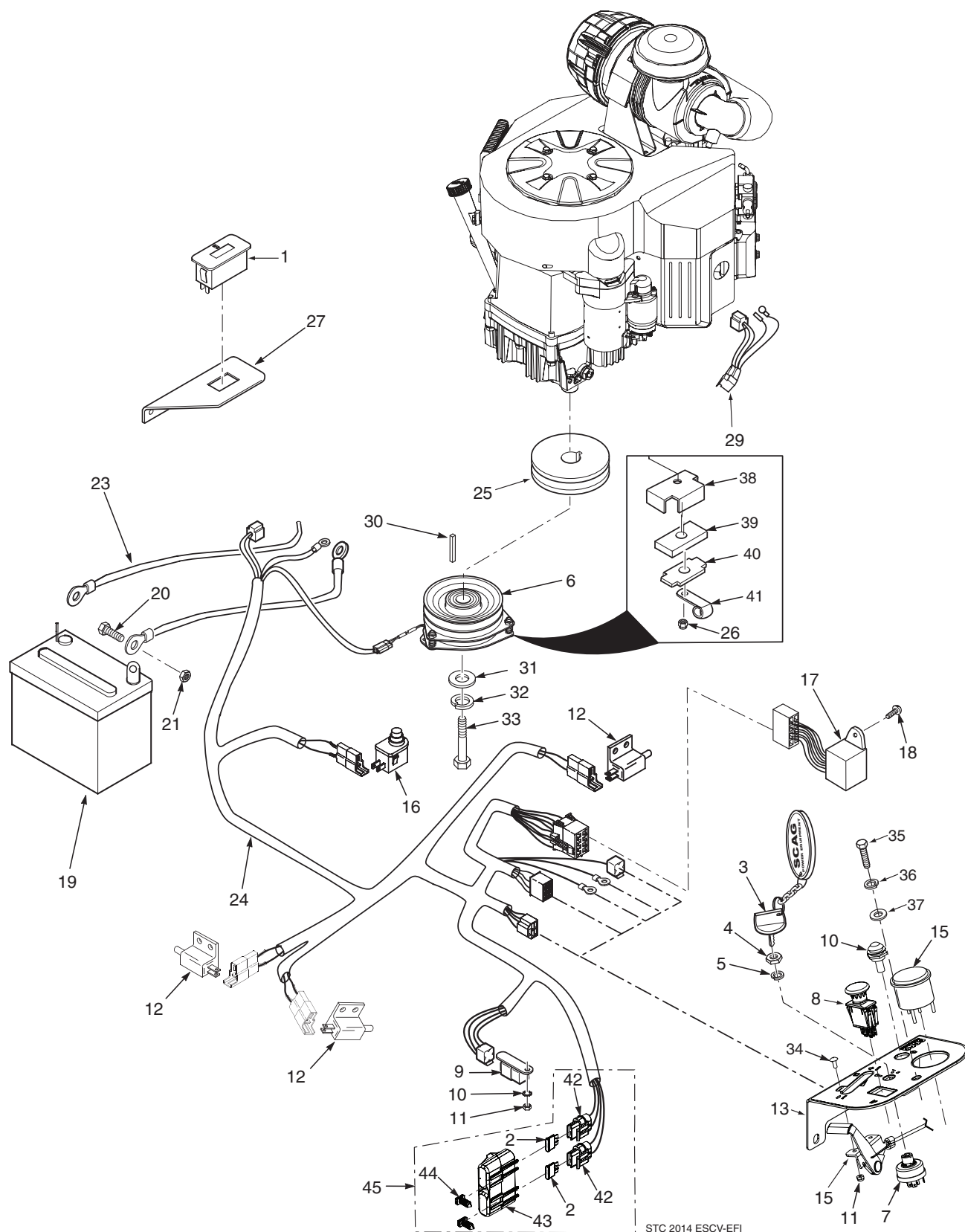


STC 2011 ESKA

ELECTRICAL SYSTEM

Ref. No.	Part No.	Description
1	484565	Hourmeter
2	48298	Fuse, 20 amp
3	483366	Key, Ignition
	462069	Key Assembly w/Fob
4	48017-04	Nut, Hex 5/8-32
5	48017-03	Lockwasher, 5/8" Internal
6	461660	Electric PTO Clutch GT3.5
7	48798	Switch, Ignition
8	483957	Switch, PTO
9	483013	Relay
10	04031-01	Lockwasher, #10 External Tooth
11	04020-01	Nut, Hex #10-32
12	481637	Switch, N/O
13	461768	Panel, Instrument
14	482032	Choke & Throttle Control - Kawasaki (Qty 2)
	481544	Choke Control - Kohler (Qty 1)
15	482032	Throttle Control - Kohler (Qty 1)
16	481638	Switch, Seat
17	483599	Module, Interlock
18	04010-01	Screw, #10-32 x .5" Phillips Head
19	483665	Battery, 350CCA (Not Available Through Scag)
20	04001-44	Bolt, Hex Head 1/4-20 x .5"
21	04020-02	Nut, Hex 1/4-20
22	48029-15	Cable, Battery Black (negative)
23	48029-12	Cable, Battery Red (positive)
24	484648	Wiring Harness, Main (Briggs & Stratton, Kohler)
	484649	Wire Harness, Main (Kawasaki)
25	483081	Pulley, 5.45 OD x 1.125" Bore
26	04021-10	Nut, Elastic Stop 5/16-18 Key
27	424112	Mounting Bracket, Hour Meter
28	04010-11	Screw, #10-32 x 1.5" Phillips Head
29	482836	Adapter, Wiring Harness (Briggs & Stratton only)
	484179	Adapter, Wiring Harness (Kawasaki FX only)
	484299	Adapter, Wiring Harness (Kawasaki FS only)
	484078	Adapter, Wiring Harness (Kohler only)
30	04063-23	Key, 1/4 x 1/4 x 3-1/4"
31	04041-28	Flatwasher, 7/16-.469 x 1-3/4" x 1/4"
32	04030-05	Lockwasher, 7/16"
33	04001-101	Bolt, Hex Head 7/16-20 x 2-1/2" UNF
34	04010-12	Screw, #10-32 x 3/4"
35	04001-08	Bolt, Hex Head 5/16-18 x 3/4"
36	04030-03	Lockwasher, 5/16"
37	04040-15	Flatwasher, 5/16-.375 x .875 x .083
38	423909	Backing Plate
39	481716	Rubber Pad, Clutch Stop
40	422534	Plate, Backing
41	48030-09	Clamp
42	483629	Fuse Holder
43	483571	Cover, Sealed Double

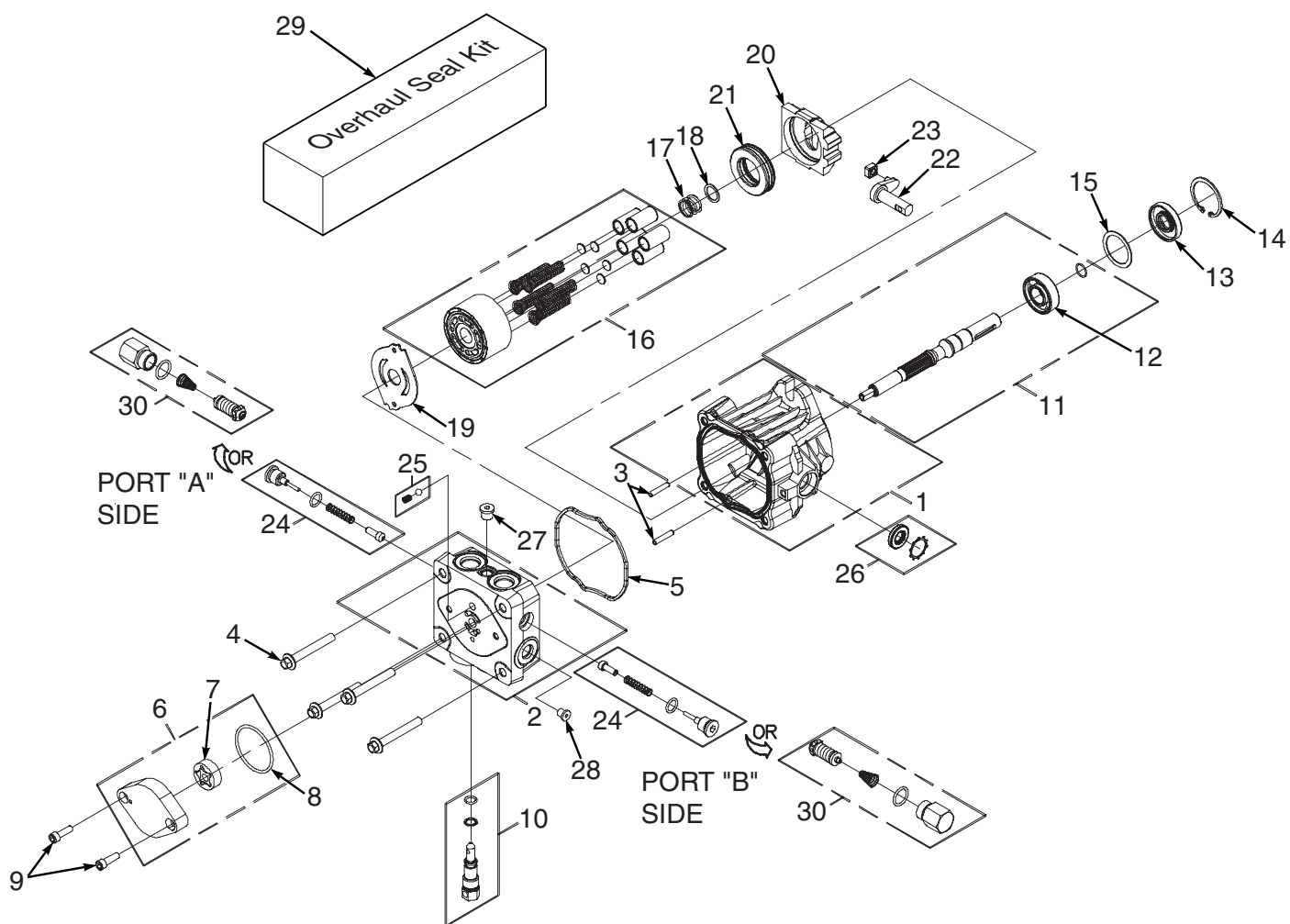
ELECTRICAL SYSTEM - KOHLER EFI



ELECTRICAL SYSTEM - KOHLER EFI

Ref. No.	Part No.	Description
1	484565	Hourmeter
2	48298	Fuse, 20 amp
3	483366	Key, Ignition
	462069	Key Assembly w/Fob
4	48017-04	Nut, Hex 5/8-32
5	48017-03	Lockwasher, 5/8" Internal
6	461660	Electric PTO Clutch GT3.5
7	48798	Switch, Ignition
8	483957	Switch, PTO
9	483013	Relay
10	481182	Indicator Light Assembly
11	04021-26	Nut, Elastic Stop #10-24
12	481637	Switch, N/O
13	462xxx	Panel, Instrument w/Decal (Kohler EFI)
14	482032	Throttle Control
15	481184	Voltmeter
16	481638	Switch, Seat
17	483599	Module, Interlock
18	04010-01	Screw, #10-32 x .5" Phillips Head
19	483665	Battery, 350CCA (Not Available Through Scag)
20	04001-44	Bolt, Hex Head 1/4-20 x .5"
21	04020-02	Nut, Hex 1/4-20
22	48029-15	Cable, Battery Black (negative)
23	48029-12	Cable, Battery Red (positive)
24	484705	Wiring Harness, Main (Kohler EFI)
25	483081	Pulley, 5.45 OD x 1.125" Bore
26	04021-10	Nut, Elastic Stop 5/16-18 Key
27	424112	Mounting Bracket, Hour Meter
28	04010-11	Screw, #10-32 x 1.5" Phillips Head
29	484704	Adapter, Wiring Harness (Kohler EFI only)
30	04063-23	Key, 1/4 x 1/4 x 3-1/4"
31	04041-28	Flatwasher, 7/16-.469 x 1-3/4" x 1/4"
32	04030-05	Lockwasher, 7/16"
33	04001-101	Bolt, Hex Head 7/16-20 x 2-1/2" UNF
34	04003-43	Bolt, Carriage #10-24 x 3/4"
35	04001-08	Bolt, Hex Head 5/16-18 x 3/4"
36	04030-03	Lockwasher, 5/16"
37	04040-15	Flatwasher, 5/16-.375 x .875 x .083
38	423909	Backing Plate
39	481716	Rubber Pad, Clutch Stop
40	422534	Plate, Backing
41	48030-09	Clamp
42	483629	Fuse Holder
43	483571	Cover, Sealed Double
44	482588	Clip, Wire
45	483642	Double Fuse Assembly, Sealed (Incl. items 2, 42, 43, 44)

BDP-10A HYDRAULIC PUMP ASSEMBLY



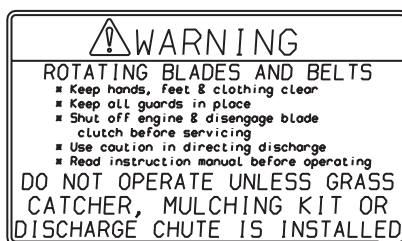
BDP-10A HYDRAULIC PUMP ASSEMBLY

Ref. No.	Part No.	Description
1	HG 70516	Housing Kit
2	HG 70573	End Cap Kit
3	HG 50641	Straight Headless Pin
4	HG 50969	Hex Flange Bolt, M8-1.25 x 60mm
5	HG 51232	Housing O-Ring
6	HG 2513027	Charge Pump Kit
7	HG 50273	Gerotor Assembly
8	HG 9004101-1340	O-Ring
9	HG 50095	Socket Head Screw, M6 x 1.0-20mm
10	HG 2513030	Bypass Valve Kit
11	HG 70521	Pumpshaft Kit
12	HG 50315	Ball Bearing, 17 x 40 x 12mm
13	HG 51161	Lip Seal
14	HG 50329	Retaining Ring
15	HG 50951	Spacer
16	HG 70331	Cylinder Block Kit
17	HG 2003014	Block Spring
18	HG 2003017	Block Thrust Washer
19	HG 51444	Valve Plate
20	HG 2003087	Swash Plate
21	HG 50551	Ball Thrust Bearing
22	HG 2003005	Trunnion Arm
23	HG 2000015	Slot Guide
24	HG 2510062	Check Valve Kit (.024" Orifice) port "A" on Left Hand Pump, port "B" on Right Hand Pump
25	HG 70403	Charge Relief Kit
26	HG 2513043	Trunnion Seal with Retainer
27	HG 9005110-4400	Straight Thread Plug
28	HG 50408	Straight Headless Pin
29	HG 70525	Overhaul Seal Kit
30	HG 70743	System Check Relief Kit, port "B" on Left Hand Pump, port "A" on Right Hand Pump

REPLACEMENT DECALS AND INFORMATION PLATES



1

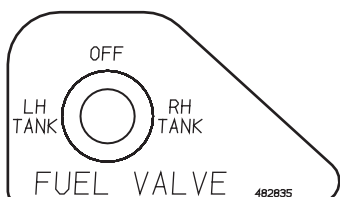


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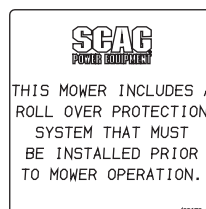
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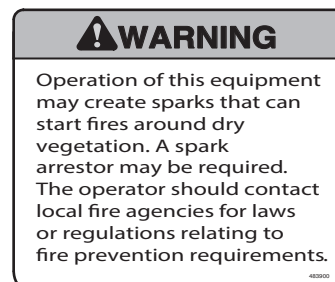
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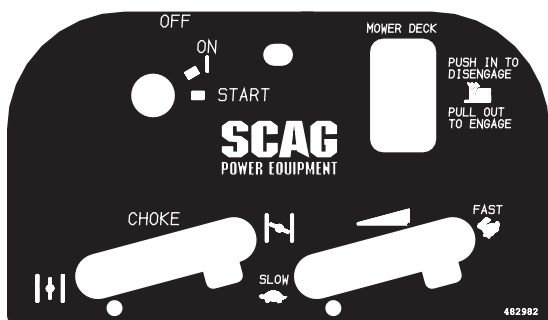
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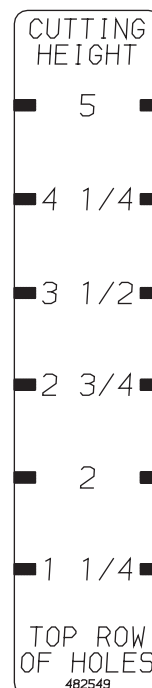


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REPLACEMENT DECALS AND INFORMATION PLATES

Ref. No.	Part No.	Description
1	483407	Decal, Danger-Spinning Blades
2	483406	Decal, Warning-Rotating Blades
3	483199	Decal, 48V
	483200	Decal, 52V
	483201	Decal, 61V
4	483158	Decal, ROPS
5	483900	Decal, Warning Spark Arrestor (California only)
6	482100	Decal, Traction Control
7	481971	Decal, Heavy Duty Commercial
8	48404	Decal, Metalcraft - Made in USA
9	483402	Decal, Belt Cover
10	482982	Decal, Instrument Panel
	484703	Decal, Instrument Panel - EFI
11	482835	Decal, Fuel Valve Position
12	482566	Decal, Cutting Height Bottom Row of Holes
13	483838	Decal, Tiger Cat
	485144	Decal, Tiger Cat EFI
14	482709	Decal, Seat Support
15	483839	Decal, Rear Bumper
	485145	Decal, Scag Tiger Cat EFI
16	482166	Decal, Front Footplate
17	483405	Decal, Discharge Chute
18	482549	Decal, Cutting Height Top Row of Holes
**	461983	Spanish Decal Kit, STC / STWC (not shown)
**	01411	DVD Video, Tips for Safe Operation of Your Scag Zero-Turn Mower

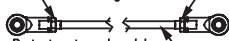
IMPORTANT ADJUSTMENT PROCEDURES

READ OPERATOR'S MANUAL FOR MORE DETAILS

Check tire pressure - (Drive tires-12 psi)
- (Caster tires-25 psi)

NEUTRAL ADJUSTMENT

Loosen jam nuts



With an operator in the seat, engine running, control lever in neutral and the parking brake disengaged - adjust control linkage. Loosen jam nuts. If wheel rotates forward, adjust turnbuckle CW. If wheel rotates rearward, adjust turnbuckle CCW. Adjust until drive wheel stops turning. Tighten jam nuts. Repeat procedure until proper Neutral Adjustment is obtained.

TRACKING ADJUSTMENT

If the machine pulls to the right, adjust LH control linkage CW to slow left wheel. If the machine pulls to the left adjust RH control linkage CW to slow right wheel. Readjust neutral if necessary.

FREE WHEEL OPERATION

To move machine without running the engine, rotate both dump valves located at the LH side of the pumps CCW 1/2 turn to "freewheel" positions. Return dump valves to original position to operate the mower. Tighten to 7-10 ft-lbs.

HYDRAULIC FLUID LEVEL

Check hydraulic fluid level while fluid is cool. Fluid level should be 3" below top of filler neck. Fill with SAE 20W50 motor oil only.

IMPORTANT

Do not overfill. Room for hot fluid expansion must be allowed or resulting expansion may cause leaks in the system.

482709

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SCAG *TIGER CAT*

483839

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48 *VELOCITY⁺* *PLUS*

3

SCAG

482166

16

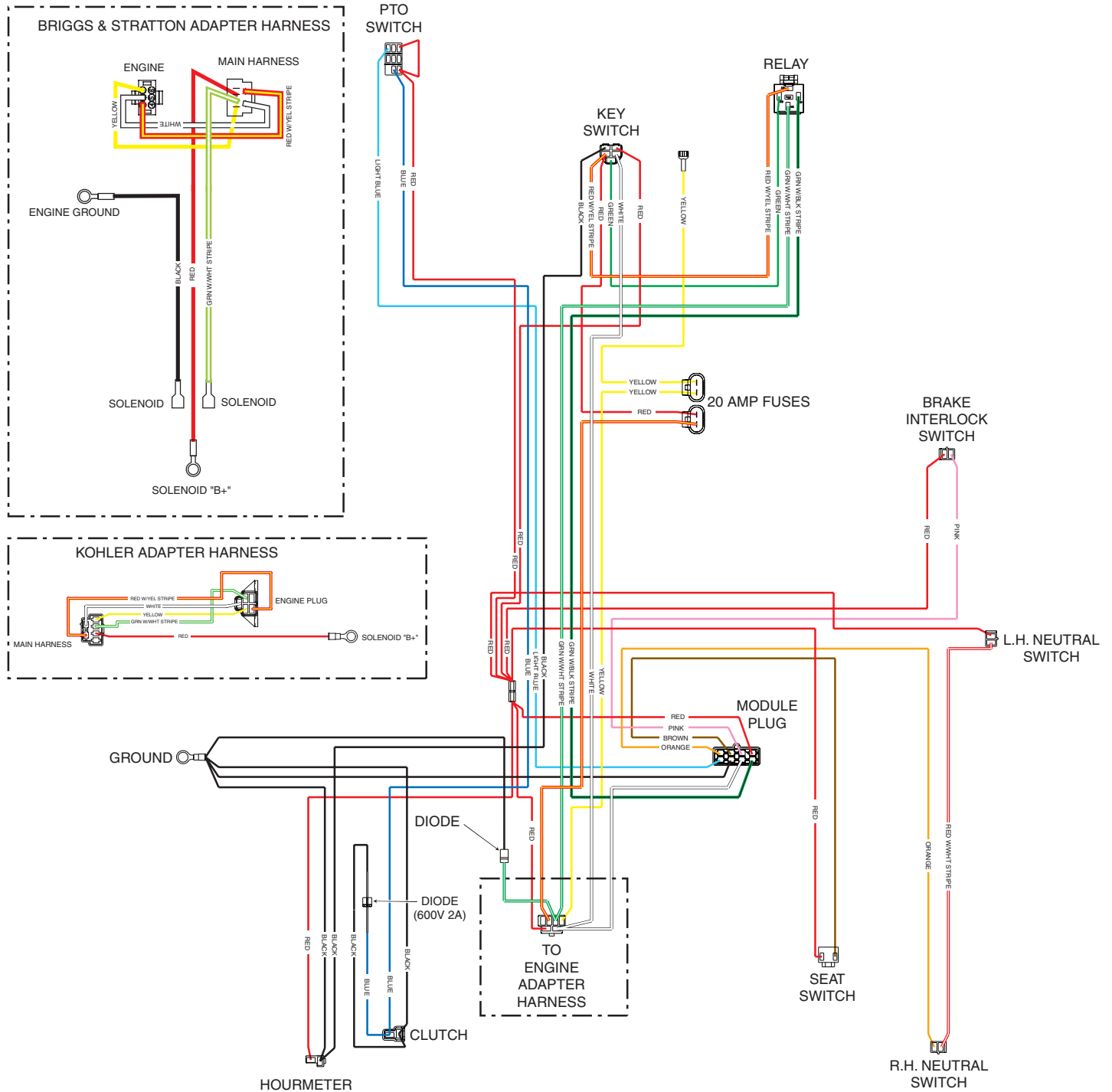
⚠ WARNING

DO NOT OPERATE WITHOUT DISCHARGE CHUTE, MULCHING KIT, OR ENTIRE GRASS CATCHER INSTALLED

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STC 2009 RDP2

ELECTRICAL SCHEMATIC - BRIGGS & STRATTON / KOHLER



The diagram illustrates the electrical wiring for a Kawasaki engine adapter harness. It shows the main harness and its connection to various components, including the PTO Switch, Key Switch, Relay, 20 AMP Fuses, Brake Interlock Switch, L.H. Neutral Switch, Module Plug, Seat Switch, R.H. Neutral Switch, Clutch, Hourmeter, Diode (600V 2A), and Solenoids. The diagram also includes two sub-diagrams for Kawasaki Adapter Harness - FX Engine and Kawasaki Adapter Harness - FS Engine. The main harness is shown with various colored wires (Red, Blue, Yellow, Green, White, Black) connecting to these components. The diagram is labeled with 'MAIN HARNESS' and 'TO ENGINE ADAPTER HARNESS'.

ELECTRICAL SCHEMATIC - KOHLER EFI

