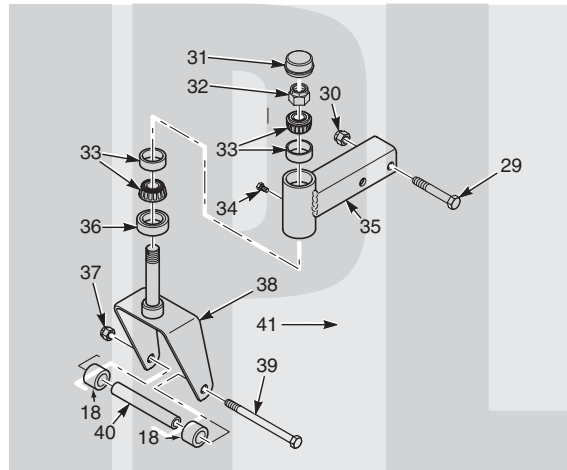


SCAG[®]

POWER EQUIPMENT



MODEL STT

ILLUSTRATED PARTS LIST

THIS MANUAL CONTAINS THE ILLUSTRATED PARTS LIST FOR MODELS:

STT52V-27CH	with a serial number of B6200001 to B6299999
STT61V-27CH	with a serial number of B6300001 to B6399999
STT61V-27CH-NS	with a serial number of B6400001 to B6499999
STT61V-27CH-SS	with a serial number of B6500001 to B6599999
STT61V-27KA	with a serial number of B6600001 to B6699999
STT61V-27KA-SS	with a serial number of B6700001 to B6799999
STT61V-29DFI-SS	with a serial number of B6800001 to B6899999
STT61V-35BVAC-SS	with a serial number of C0200001 to C0209999
STT61V-35BV-SS	with a serial number of B7000001 to B7099999
STT-29DFI-SS	with a serial number of B7100001 to B7199999
STT-35BVAC-SS	with a serial number of C0300001 to C0399999
STT-35BV-SS	with a serial number of B7300001 to B7399999
SMT-52V	with a serial number of B7400001 to B7499999
SMT-61V	with a serial number of B7500001 to B7599999
SMT-61V (BVAC, BV)	with a serial number of B7600001 to B7699999
SMST-72A	with a serial number of B7900001 to B7999999

MODEL STT
Notes



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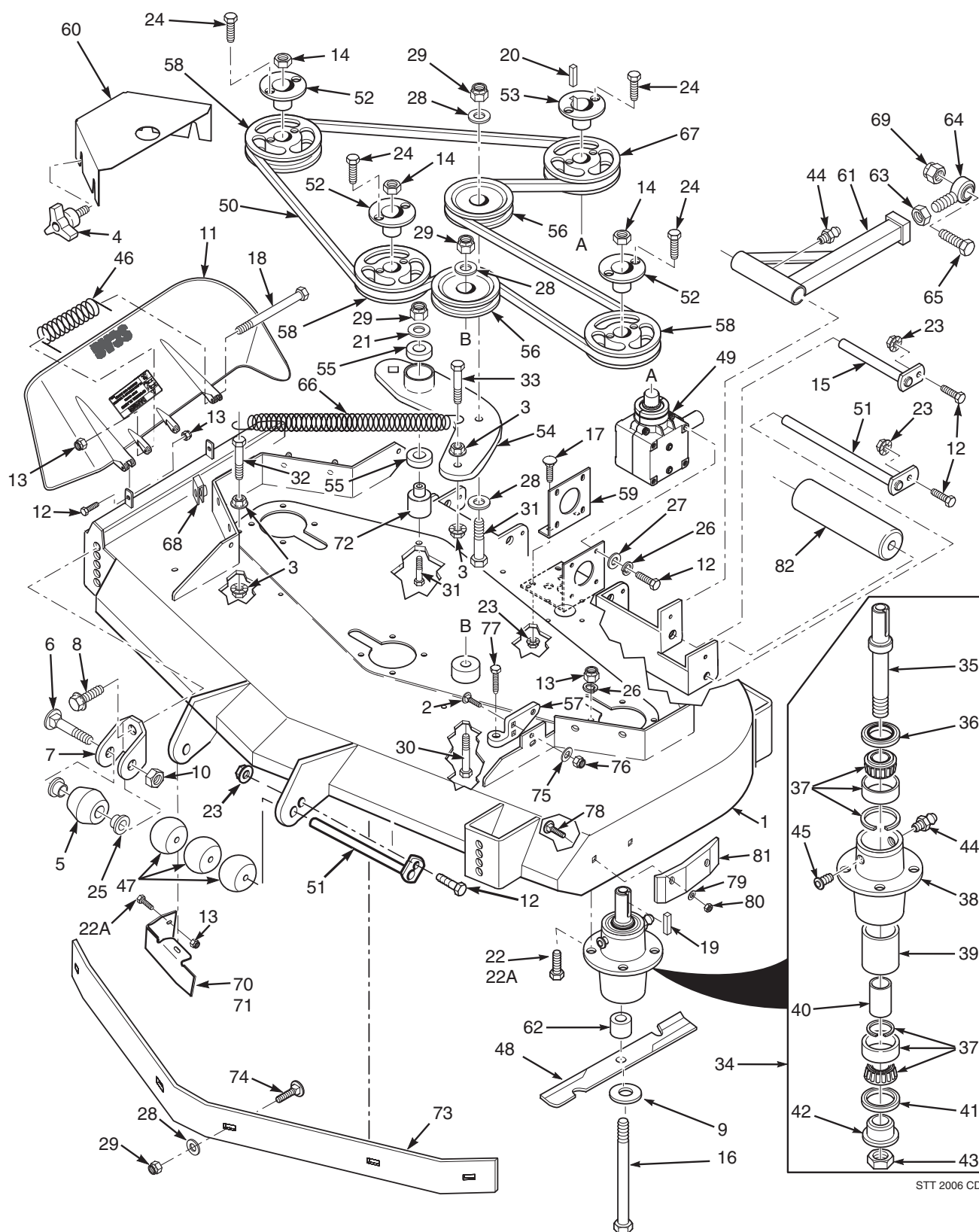
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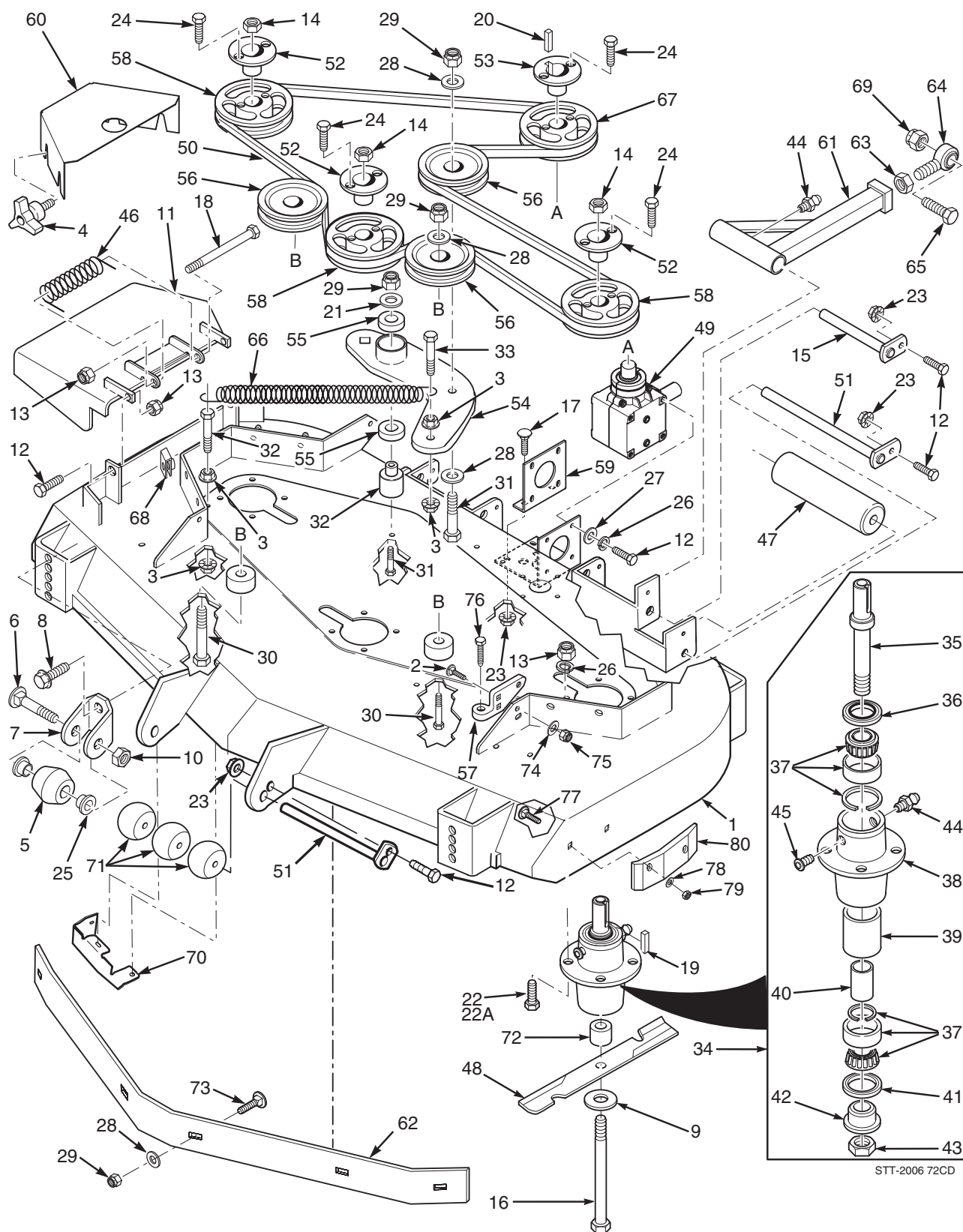
52V & 61V CUTTER DECKS



52V & 61V CUTTER DECKS

Ref. Part No. No.	Description	52 61	Ref. Part No. No.	Description	52 61
1 461859	Cutter Deck Velocity Plus	x	44 48114-04	Grease Fitting	x x
461863	Cutter Deck Velocity Plus	x	45 48677	Relief Fitting, Tapered Spindle	x x
2 04003-40	Bolt, Carriage 7/16-14 x 1-1/4"	x x	46 483185	Spring, Discharge Chute	x x
3 04019-04	Nut, Hex Serrated Flange 3/8-16	x x	47 482295	Wheel, Anti-Scalp	x x
4 481625-01	Wing nut, 3/8-16	x x	48 482878	Cutter Blade, 18"	x
5 481632	Anti-Scalp Wheel	x x	482879	Cutter Blade, 21"	x
6 04003-26	Bolt, Carriage 3/8-16 x 4"	x x	482881	Cutter Blade, 21" (BV, BVAC Only)	x
7 422478	Anti-Scalp Wheel Bracket	x x	49 482486	Gearbox Assembly, Deck Drive	x x
8 04017-27	Bolt, Hex Serrated Flange 3/8-16 x 1"	x x	50 482281	Belt, Cutter Deck Drive	x
9 04043-06	Flatwasher, 5/8" Hardened	x x	481558	Belt, Cutter Deck Drive	x
10 04021-05	Locknut, 3/8-16 Center Lock	x x	51 45944	Roller Shaft	x x
11 461845	Discharge Chute	x	52 48926	Tapered Hub, 1-1/8" Bore	x x
461846	Discharge Chute	x	53 48141	Tapered Hub, 1" Bore	x x
12 04001-11	Bolt, Hex Head 5/16-18 x 1-3/4" - Front	x x	54 461842	Idler Arm, Cutter Deck	x x
04001-12	Bolt, Hex Head 5/16-18 x 1-1/2" - Rear	x x	55 48224	Bearings, Ball	x x
13 04021-22	Nut, Hex Elastic Stop 5/16-18 Grade 8	x x	56 483215	Pulley, Idler	x x
14 04020-09	Nut, 5/8-11 UNC	x x	57 461929	Lever Assembly, Deck Level (Incl. 77)	x x
15 451240	Push Arm Shaft	x x	58 482744	Pulley, 5.75 O.D. (52')	x
16 04001-41	Bolt, Hex Head 5/8-11 x 9-1/2"	x x	482745	Pulley, 6.35 O.D. (61")	x
17 04003-12	Bolt, Carriage 5/16-18 x 3/4"	x x	59 422426	Mounting Plate, Gearbox	x x
18 04001-108	Bolt, Hex Head 5/16-18 x 4-1/2"	x x	60 422412	Belt, Cover	x
19 04063-08	Key, 1/4 x 1/4 x 2"	x x	424325	Belt, Cover	x
20 04063-01	Key, 1/4 x 1/4 x 1-1/4"	x x	61 461516	Pusharm (incl. items 44, 63 & 64)	x x
21 04043-04	Flatwasher, 3/8-.39 x .938 x .105 HD	x x	62 43590	Spacer, Spindle Bottom	x x
22 04001-176	Bolt, Hex Head 5/16-18 x 1-3/4"	x x	63 04020-16	Nut, Hex Head 5/8-18 UNF	x x
23 04019-03	Nut, Hex Serrated Flange 5/16-18	x x	64 48763	Rod End, 5/8" Male RH Thread	x x
24 04001-172	Bolt, Hex Head 1/4-20 x 1" Grade 8	x x	65 04001-79	Bolt, Hex Head 5/8-11 x 4-1/2"	x x
25 48100-15	Bushing, .376 I.D. Oilite	x x	66 481597	Spring, Cutter Deck	x x
26 04030-03	Lockwasher, 5/16"	x x	67 482747	Pulley, 6.95 O.D.	x
27 04040-15	Flatwasher, 5/16" (.375 x .875 x .083)	x x	482746	Pulley, 6.75 O.D.	x
28 04041-07	Flatwasher, 3/8" (.391 x .938 x .105)	x x	68 04110-03	U-Nut, 3/8-16	x x
29 04021-09	Nut, Hex Elastic Stop 3/8-16	x x	69 04021-13	Nut, Hex Elastic Stop 5/8-11	x x
30 04001-62	Bolt, Hex Head 3/8-16 x 3-1/4"	x x	70 424208	Discharge Baffle 52V	x
31 04001-54	Bolt, Hex Head 3/8-16 x 3"	x x	71 424209	Discharge Baffle 61V	x
32 04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"	x x	72 43503	Pivot, Idler - Short	x x
33 04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8	x x	73 424174	Baffle, Custom Cut 52V	x
34 461663	Spindle Assembly	x x	424164	Baffle, Custom Cut 61V	x
35 43589	Spindle Shaft	x x	74 04003-23	Bolt, Carriage 3/8-16 x 1"	x x
36 481024	Seal, Top	x x	75 04040-11	Flatwasher, 7/16-.500 x 1.25 x .083	x x
37 481022	Bearing Assembly	x x	76 04021-11	Nut, Elastic Stop 7/16-14	x x
38 43644	Spindle Housing	x x	77 483167	Bolt, Deck Adjust	x x
39 43312	Spacer, Outside	x x	78 04003-12	Bolt, Carriage 5/16-18 x 3/4"	x x
40 43296	Spacer, Inside	x x	79 04040-04	Flatwasher, 5/16"	x x
41 481025	Seal, Bottom	x x	80 04021-04	Nut, Center Lock 5/16-18	x x
42 43297	Spindle Bushing, Bottom	x x	81 483176	Wear Pad	x x
43 481035	Nut, Special 1 - 1/16-18	x x	82 482295	Wheel, Anti-Scalp	x x

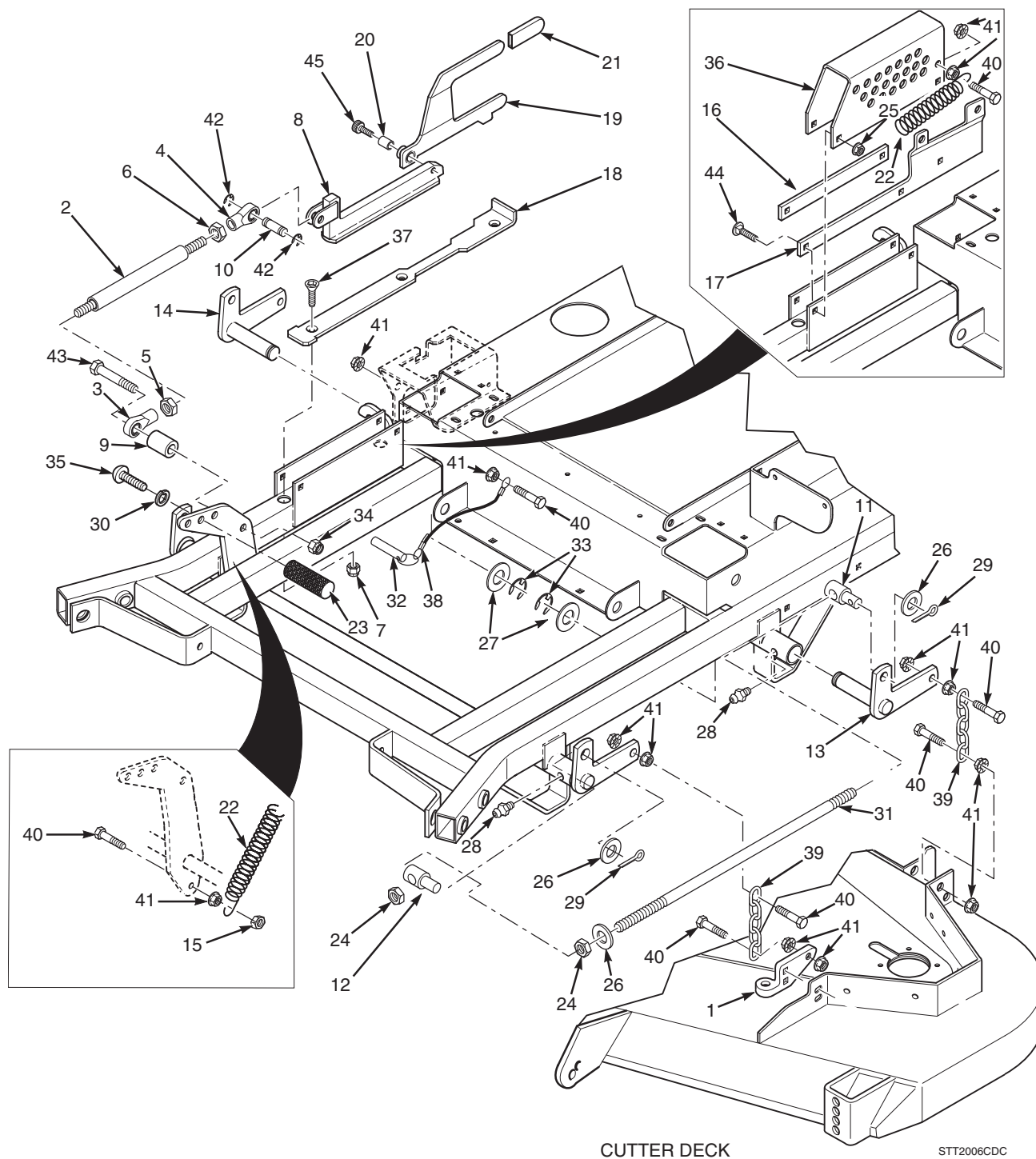
72A CUTTER DECK



72A CUTTER DECK

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1 461865	Cutter Deck, 72" Advantage (Includes Decals)	42 43297	Spindle Bushing, Bottom
2 04003-40	Bolt, Carriage 7/16-14 x 1-1/4"	43 481035	Nut, Special 1 - 1/16-18
3 04019-04	Nut, Hex Serrated Flange 3/8-16	44 48114-04	Grease Fitting
4 481625-01	Wing Nut, 3/8-16	45 48677	Relief Fitting, Tapered Spindle
5 481632	Anti-Scalp Wheel	46 482245	Spring, Discharge Chute
6 04003-26	Bolt, Carriage 3/8-16 x 4"	47 48038	Guide, Roller
7 422478	Anti-Scalp Wheel Bracket	48 482882	Cutter Blade, 24.5" 72"
8 04017-27	Bolt, Hex Serrated Flange 3/8-16 x 1"	49 482486	Gearbox Assembly, Deck Drive
9 04043-06	Flatwasher, 5/8" Hardened	50 481980	Belt, Cutter Deck Drive, 72"
10 04021-05	Locknut, 3/8-16 Center Lock	51 45944	Roller Shaft
11 461296	Discharge Chute, 72" Adv.	52 48926	Tapered Hub, 1-1/8" Bore
12 04001-12	Bolt, Hex Head 5/16-18 x 1.75" (Front)	53 48141	Tapered Hub, 1" Bore
04001.11	Bolt, Hex Head 5/16-18 x 1.50" (Rear)	54 461842	Idler Arm, Cutter Deck
13 04021-22	Nut, Hex Elastic Stop 5/16-18 Grade 8	55 48224	Bearings, Ball
14 04020-09	Nut, 5/8-11 UNC	56 483215	Pulley, Idler
15 451240	Push Arm Shaft	57 461929	Lever Assembly, Deck Level (Incl. 77)
16 04001-41	Bolt, Hex Head 5/8-11 x 9.50"	58 482747	Pulley, 6.95 O.D. - 72"
17 04003-12	Bolt, Carriage 5/16-18 x .75"	59 422426	Mounting Plate, Gearbox
18 04001-154	Bolt, Hex Head 5/16-18 x 4.75"	60 422677	Belt Cover, LH - 72"
19 04063-08	Key, 1/4 x 1/4 x 2"	422708	Belt Cover, RH - 72"
20 04063-01	Key, 1/4 x 1/4 x 1.25"	61 461516	Pusharm (includes items 44, 63 & 64)
21 04043-04	Flatwasher, 3/8-.39 x .938 x .105 HD	62 423795	Baffle, Custom Cut 72A
22 04001-11	Bolt, Hex Head 5/16-18 x 1-3/4"	63 04020-16	Nut, Hex Head 5/8-18 UNF
23 04021-10	Nut, Hex Serrated Flange 5/16-18	64 48763	Rod End, 5/8" Male RH Thread
24 04001-172	Bolt, Hex Head 1/4-20 x 1" Grade 8	65 04001-79	Bolt, Hex Head 5/8-11 x 4-1/2"
25 48100-15	Bushing, .376 I.D. Oilite	66 481597	Spring, Cutter Deck
26 04030-03	Lockwasher, 5/16"	67 482745	Pulley, 6.35 O.D. - 72"
27 04040-15	Flatwasher, 5/16" (.375 x .875 x .083)	68 04110-03	U-Nut, 3/8-16
28 04041-07	Flatwasher, 3/8" (.391 x .938 x .105)	69 04021-13	Nut, Hex Elastic Stop 5/8-11
29 04021-09	Nut, Hex Elastic Stop 3/8-16	70 423958	Discharge Baffle 72"
30 04001-62	Bolt, Hex Head 3/8-16 x 3-1/4"	71 482295	Wheel, Anti-Scalp
31 04001-54	Bolt, Hex Head 3/8-16 x 3"	72 43590	Spacer, Spindle Bottom
32 43503	Pivot, Idler - Short	73 04003-23	Bolt, Carriage 3/8-16 x 1"
33 04001-136	Bolt, Hex Head 3/8-16 x 1.50" Grade 8	74 04040-11	Flatwasher, 7/16-.500 x 1.25 x .083
34 461663	Spindle Assembly	75 04021-11	Nut, Elastic Stop 7/16-14
35 43589	Spindle Shaft	76 483167	Bolt, Deck Adjust
36 481024	Seal, Top	77 04003-12	Bolt, Carriage 5/16-18 x 3/4"
37 481022	Bearing Assembly	78 04040-04	Flatwasher, 5/16"
38 43644	Spindle Housing	79 04021-04	Nut, Center Lock 5/16-18
39 43312	Spacer, Outside	80 483174	Wear Pad
40 43296	Spacer, Inside		
41 481025	Seal, Bottom		

CUTTER DECK CONTROLS



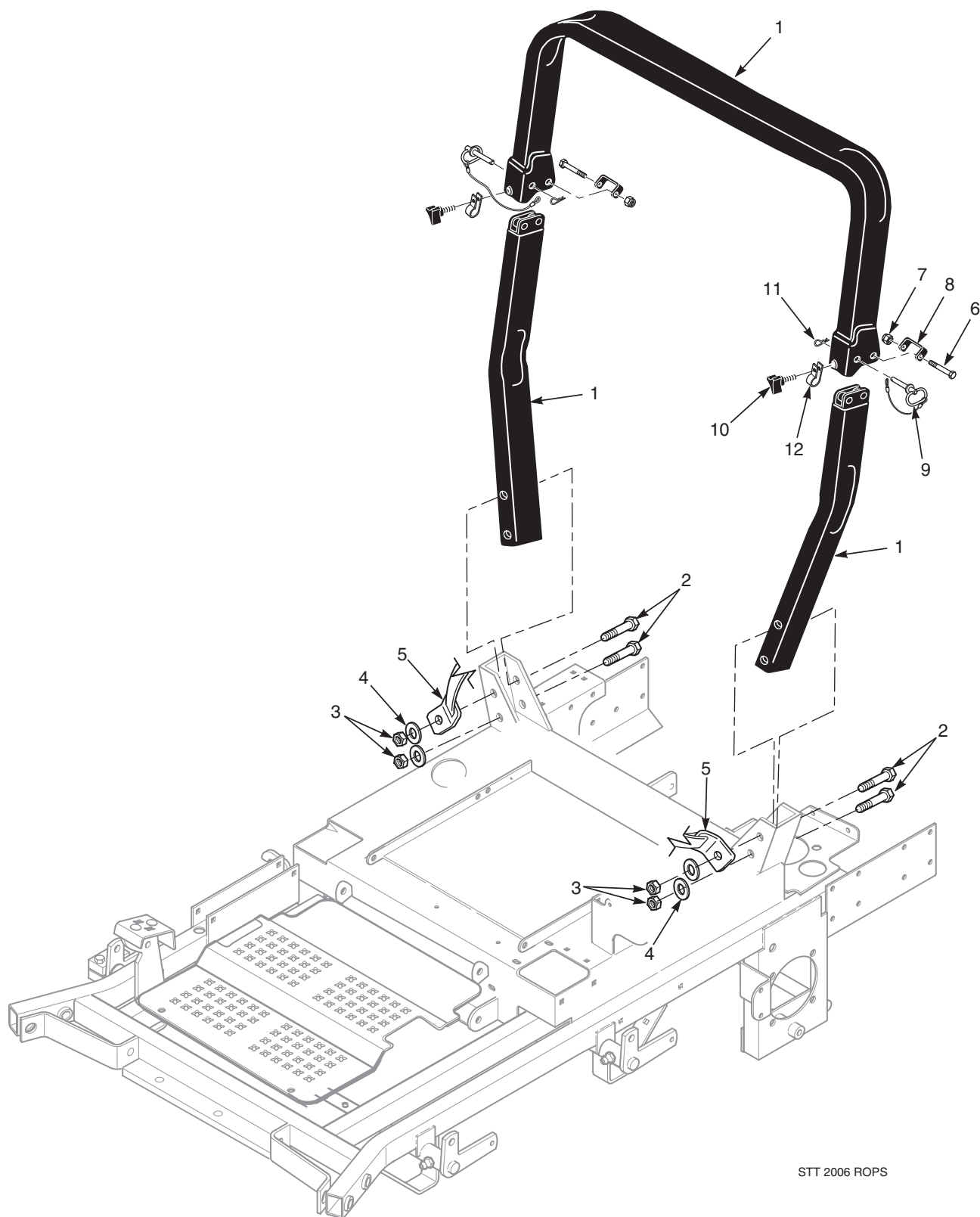
CUTTER DECK CONTROLS

Ref. No.	Part No.	Description
1	461929	Lever Assembly, Deck Level
2	481764	Link, Deck Lift
3	481765	Rod End, Female - 1/2-20 RH
4	481766	Rod End, Female - 1/2-20 LH
5	04020-27	Nut, Jam 1/2-20 RH
6	04020-28	Nut, Jam 1/2-20 LH
7	04021-09	Nut, 3/8-16 Elastic Stop
8	482429	Slide Weldment, Height Adjustment
9	43391	Spacer, Decklift Pedal
10	43487	Pin, Decklift
11	43526	Swivel Joint, LH
12	43527	Swivel Joint, RH
13	45904	Bellcrank Weldment, LH Rear
14	45905	Bellcrank Weldment, RH Rear
15	04021-05	Locknut, 3/8-16 Center Lock
16	422381	Guide, Short
17	423509	Guide, Long
18	422346	Lockplate, Decklift
19	46975	Deck Latch (Includes items 20 & 21)
20	48100-14	Bushing, .502 ID.
21	481428	Grip, Deck Latch
22	481598	Spring, Helper (61" & 72" Cutter Decks Only)
23	424399	Foot Pedal, Height Adjustment
24	04020-09	Nut, Hex 5/8-11
25	04019 -03	Nut, Hex Serrated Flange 5/16-18
26	04040-09	Flatwasher, 5/8" (.656 x 1.312 x .095)
27	04041-14	Flatwasher, 1" (1.062 x 1.50 x .048)
28	48114-04	Grease Fitting
29	04061-07	Cotter Pin, 3/16 x 1"
30	04030-07	Lockwasher, 5/8"
31	04004-44	Stud, 5/8-11 x 22.0"
32	04067-09	Ring Pin, 1/2 x 3.06"
33	04050-08	Ring, Retaining 1" External "E"
34	04021-07	Nut, Hex Elastic Stop 1/2-13
35	04105-01	Capscrew, 5/8-11 x 1-1/2"
36	423463	Bracket, Cutting Height Adjustment
37	04014-03	Screw, Cap 5/16-18 x 3" FHHS
38	481547	Lanyard, Deck Height Pin
39	48540	Chain
40	04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"
41	04019-04	Nut, Hex Serrated Flange 3/8-16
42	04050-10	Ring, Retaining 1/2" External "E"
43	04001-74	Bolt, Hex Head 1/2-13 x 3"
44	04003-04	Bolt, Carriage 5/16-18 x 1"
45	04009-02	Bolt, Shoulder 1/2 x 3/4"

SHEET METAL COMPONENTS

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	451481	Fender Weldment, RH	45	481284	Bumper, Rubber
2	04001-09	Bolt, Hex Head, 5/16-18 x 1, Zinc	46	48566	Cable, Seat Stop
3	43606	Spacer	47	04001-59	Bolt, Hex Head 1/4-20 x 1-1/4"
4	04041-07	Flatwasher, 3/8-.391 x .938 x .105	48	04019-02	Nut, Hex Serrated Flange 1/4-20
5	451650	Seat Plate Weldment	49	482502	Seat Adjustment, Track Set
6	482597	Seat Assembly w/armrest	50	461907	Caster Wheel Assy (Inc. 31 thru 43) 52V
7	04001-45	Bolt, Hex Head 3/8-16 x 2.0"		461908	Caster Wheel Assy (Inc. 31 thru 43) 61V (LH)
8	04021-09	Nut, Elastic Stop 3/8-16		461909	Caster Wheel Assy (Inc. 31 thru 43) 61V (RH)
9	48015	Battery		461910	Caster Wheel Assy (Inc. 31 thru 43) 72A (LH)
10	48903	Pad, Battery Cover		461911	Caster Wheel Assy (Inc. 31 thru 43) 72A (RH)
11	421274	Cover, Battery	51	482614	Back Cushion Cover
12	04003-12	Bolt, Carriage 5/16-18 x 3/4"	52	482615	Seat Cushion Cover
13	423308	Plate, Battery Box	53	482618	Arm Rest, Right Hand
14	04029-01	Wing Nut, 1/4-20 x 3/4"		482617	Arm Rest, Left Hand
15	04019-03	Nut, Hex Serrated Flange 5/16-18		482616	Arm Rest Cover
16	04003-01	Bolt, Carriage 1/4-20 x 6"	54	482621	Bearing w/ Race
17	48661	Rubber Pad	55	48114-10	Grease Fitting
18	43584	Spacer, Caster Wheel	56	481389	Spring, Seat
19	04003-04	Bolt, Carriage 5/16-18 x 1"	57	43462	Pin Retainer, Spring
20	482622	Seal	58	04060-01	Roll Pin, Spring 5/32 x 3/4"
21	04021-09	Lock Nut, 3/8-16, Elast. Stop	59	9270	Suspension Seat Assembly
22	461702	Main Frame	60	482950	Armrest Only
23	04019-04	Nut, Hex Serrated Flange 3/8-16		482945	Armrest Assembly Kit, LH
24	04017-27	Screw, Hex Serrated Flange 3/8-16 x 1"		482946	Armrest Assembly Kit, RH
25	451480	Fender Weldment, LH	61	482941	Seat Cushion Kit
26	423489	Foot Plate			Seat Drain Kit (Included with Seat Cushion)
27	04021-09	Nut, Hex Elastic Stop 3/8-16	62	482944	Weight Adjustment Kit
28	04001-19	Bolt, Hex Head 3/8-16 x 1"		482948	Knob Kit
29	04001-125	Bolt, Hex Head 5/8-11 x 4"	63	482952	Seat Adjustment, Track Set
30	04021-13	Nut, Hex Elastic Stop 5/8-11	64	482942	Shock Absorber Kit
31	481559	Cap, Grease	65	482943	Lumbar Kit
32	04021-20	Nut, Hex Elastic Stop 1.0-14		482948	Knob Kit
33	481657	Bearing W/Race	66	482940	Back Cushion Kit
34	482028-01	Plug, 1/4-28 THD Form	67	9240	Cup Holder Assembly
35	451450	Extension Weldment, Caster 52A			
	451825	Extension Weldment, Caster 61A (LH)			
	451451	Extension Weldment, Caster 61A (RH)			
	451452	Extension Weldment, Caster 72A (LH)			
	451453	Extension Weldment, Caster 72A (RH)			
36	481025	Seal, 2.00 OD. x 1.625 Bore			
37	04021-07	Nut, Hex Elastic Stop 1/2-13			
38	45934	Yoke Weldment, Caster (52A)			
	451416	Yoke Weldment, Caster (61A & 72A)			
39	04001-134	Bolt, Hex Head 1/2-13 x 7-1/2" (52A)			
	04001-167	Bolt, Hex Head 1/2-13 x 9-1/2" (61A & 72A)			
40	43581	Sleeve, Caster Wheel (52A)			
	43583	Sleeve, Caster Wheel (61A, 72A)			
41	9277	Wheel Assy, 52A (Inc. items 20, 54, 55)			
	9278	Wheel Assy, 61A, 72A (Inc. 20, 54, 55)			
42	04001-01	Bolt, Hex Head 1/4-20 x 3/4"			
43	04001-01	Bolt, Hex Head 1/4-20 x 3/4"			
44	423674	Mounting Bracket, STT Cup Holder			

STT ROLL-OVER PROTECTION SYSTEM - WITHOUT SUSPENSION SEAT

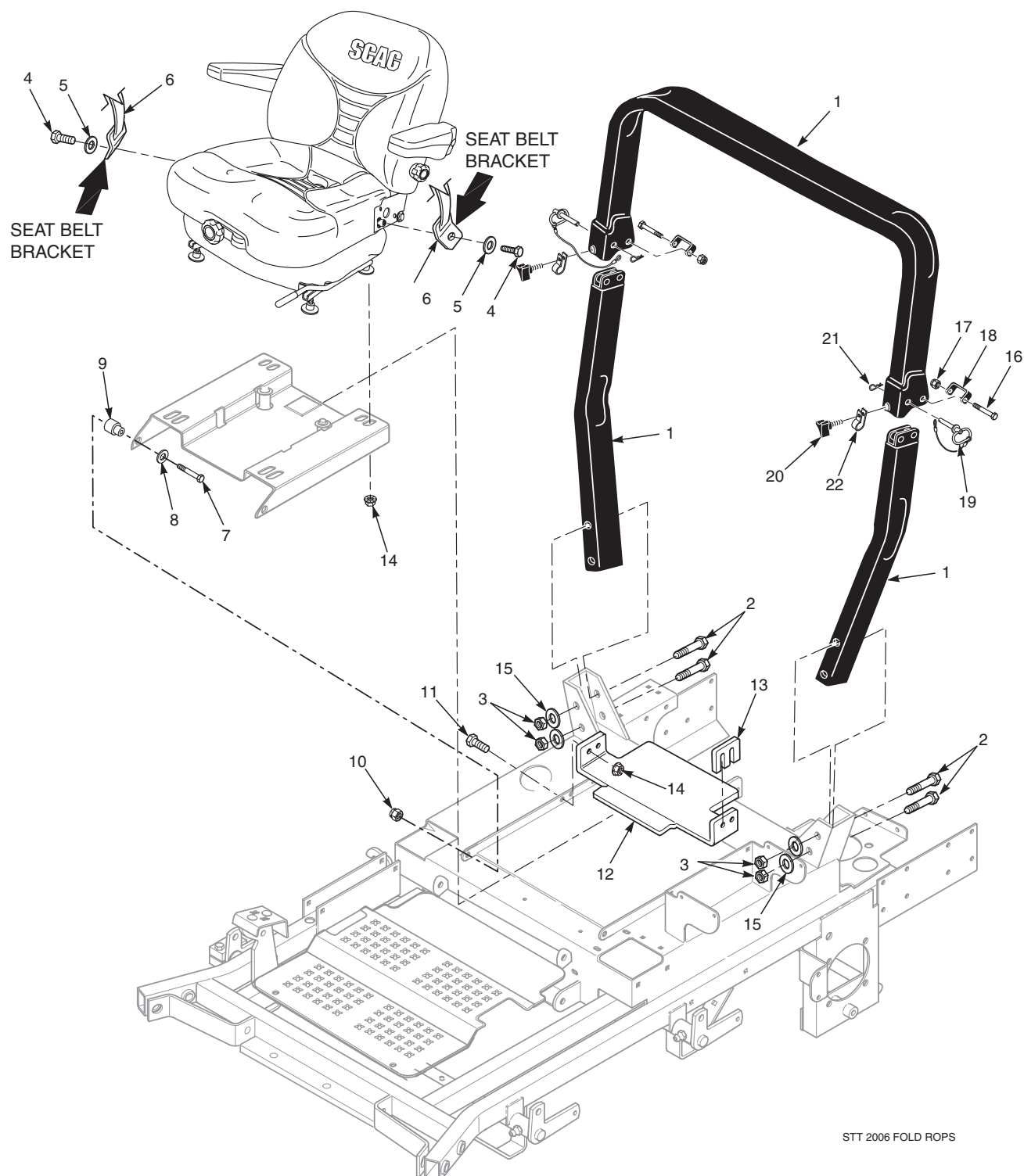


STT 2006 ROPS

**STT ROLL-OVER PROTECTION SYSTEM - WITHOUT
SUSPENSION SEAT**

Ref. No.	Part No.	Description
1	9514	STT, ROPS Accessory (incl. all items below)
2	04001-82	Bolt, Hex Head 1/2-13 x 4-1/2"
3	04021-19	Nut, Center Lock 1/2-13
4	04040-13	Flatwasher, 1/2-.562 x 1.375 x .109
5	483150	Seat Belt
6	04001-145	Bolt, Hex Head 1/2-13 x 3-1/2"
7	04021-19	Nut, Center Lock 1/2-13
8	424407	Bracket, Stop
9	483262	Pin
10	481625-03	Thumb Screw, 5/16-18 NC x 3-4"
11		Hair Pin, Cotter
12	483265	Clamp

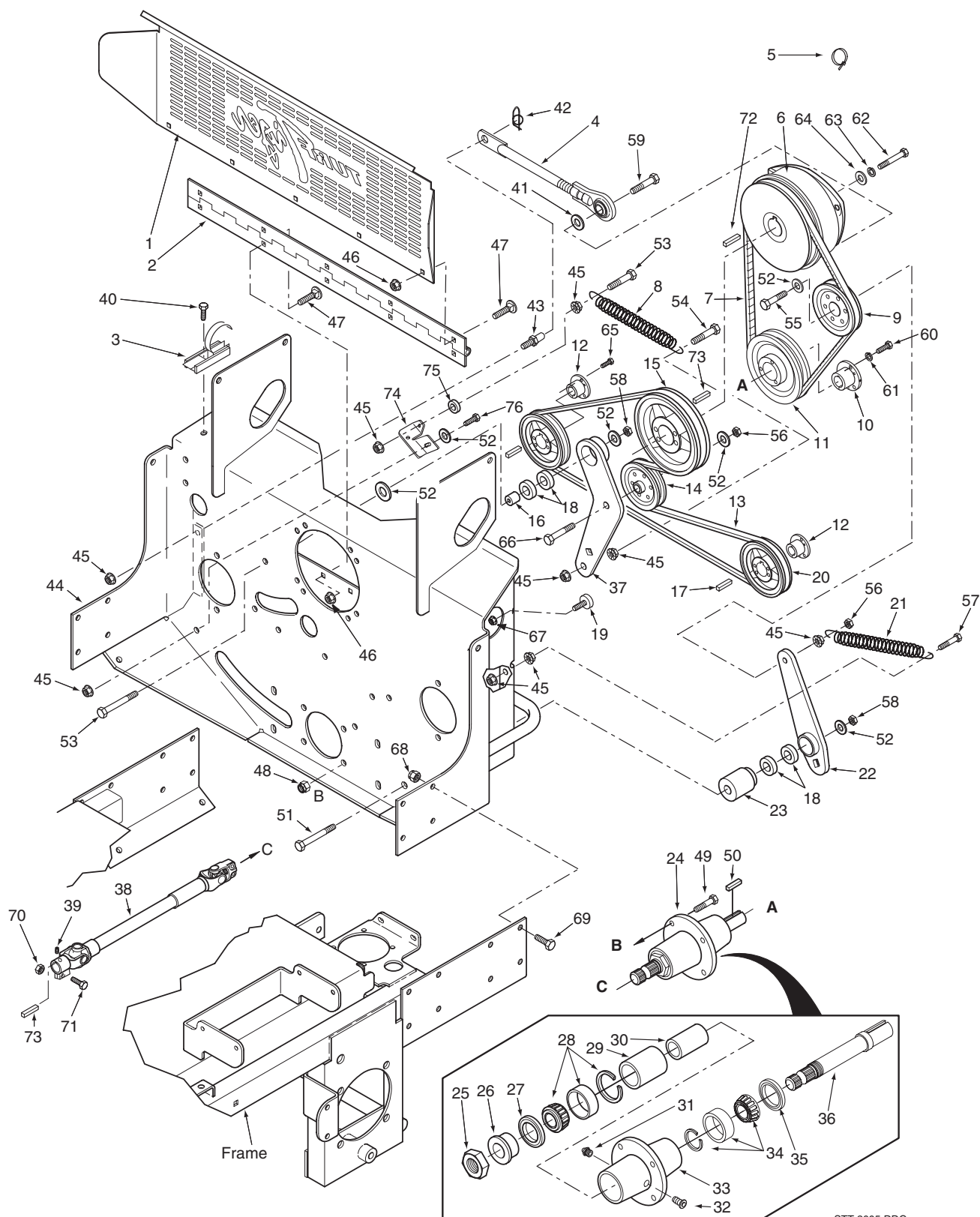
STT ROLL-OVER PROTECTION SYSTEM - WITH SUSPENSION SEAT



STT ROLL-OVER PROTECTION SYSTEM - WITH SUSPENSION SEAT

Ref. Part		
No. No.		Description
1	9514	STT, ROPS Accessory (incl. all items below)
2	04001-82	Bolt, Hex Head 1/2-13 x 4-1/2"
3	04021-19	Nut, Center Lock 1/2-13
4	04001-178	Bolt, Hex Head 7/16-20 x 1"
5	04040-11	Flatwasher, 7/16-.500 x 1.25 x .083
6	483150	Seat Belt
7	04001-45	Bolt, Hex Head 3/8-16 x 2"
8	04041-07	Flatwasher, 3/8-.391 x .938 x .105
9	43606	Sleeve, Seat Base Mounting
10	04021-09	Nut, Elastic Stop 3/8-16
11	04001-09	Bolt, Hex Head 5/16-18 x 1"
12	461821	Bracket, Seat Hold Down with Decal
13	04030-05	Lockwasher, 7/16
14	04019-03	Nut, Serrated Flange 5/16-18
15	04040-13	Flatwasher, 1/2-.562 x 1.375 x .109
16	04001-145	Bolt, Hex Head 1/2-13 x 3-1/2"
17	04021-19	Nut, Center Lock 1/2-13
18	424407	Bracket, Stop
19	483262	Pin
20	481625-03	Thumb Screw, 5/16-18 NC x 3-4"
21		Hair Pin, Cotter
22	483265	Clamp

DECK DRIVE COMPONENTS

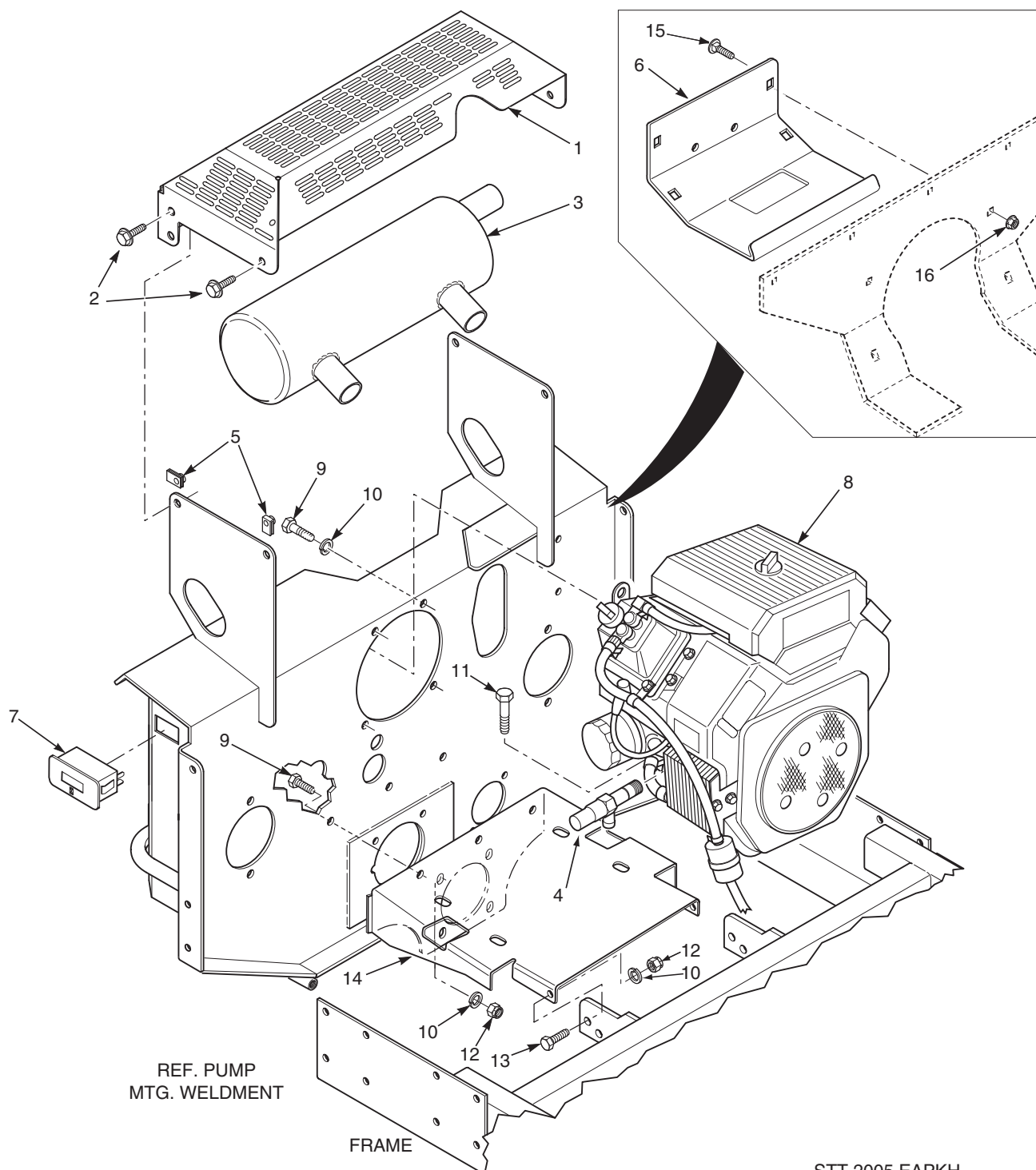


STT 2005 DDC

DECK DRIVE COMPONENTS

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1 423925	Belt Guard, Rear	38 482424	Driveshaft (Air Cooled Engine)
2 481531	Hinge, Belt Guard	482438	Driveshaft (Liquid Cooled Engine)
3 481309	Latch, Hood	39 04012-08	Set Screw, 3/8-16 x 3/4" Torx Socket
4 482845	Rod Assembly, Clutch Anti-Rotation	40 04011-11	Screw, #10-32 x .56
5 48030-09	Clamp, Cable	41 04041-07	Flatwasher, 3/8-.391 x .938 x .105
6 461661	Clutch, Ogura GT-3.5	42 04069-01	Pin, Rue Cotter 3/8 Dia.
461662	Clutch, Ogura GT-5 (35BVAC, 35BV)	43 43507	Stud, Anti Rotation
7 482876	Belt, Deck Drive	44 451696	Pump Mounting Plate Weldment (Air Cooled)
8 483088	Spring, Transmission Idler	451684	Pump Mounting Plate Weldment (Liquid Cooled)
9 48181	Pulley, Idler 5" Dia.	45 04019-04	Nut, Serrated Flange 3/8-16
10 481536	Tapered Hub, 1" Bore	46 04019-02	Nut, Serrated Flange 1/4-20
11 482949	Pulley, 6.70 Tapered Bore	47 04003-07	Bolt, Carriage 1/4-20 x 1/2"
12 481884	Tapered Hub, 17mm Bore	48 04021-22	Nut, Elastic Stop 5/16-18 Grade 8
13 483165	Belt, Pump Drive STT	49 04001-176	Bolt, Hex Head 5/16-18 x 1-3/4" Grade 8
483166	Belt, Pump Drive (29DFI, 35BV, 35BVAC)	50 04063-06	Key, 1/4 x 1/4 x 1-1/2"
14 483214	Pulley, Idler 4" Dia.	51 04001-171	Bolt, Hex Head 3/8-16 x 4-1/2" Grade 8 Black
15 483082	Pulley, 4.55 Dia.-1.125 Bore	52 04043-04	Washer, 3/8 Hardened
483083	Pulley, 5.15 Dia.-1.125 (29DFI,35BV,35BVAC)	53 04001-135	Bolt, Hex Head 3/8-16 x 1-3/4" Grade 8 Black
16 43631	Spacer, Idler Bearing	54 04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8 Black
17 04063-14	Key, 5.0 x 5.0 x 25mm	55 04001-170	Bolt, Hex Head 3/8-16 x 2-1/2" 1.5 Thread Grd.8
18 48224	Ball Bearing	56 04021-05	Nut, Center Lock 3/8-16
19 481284	Bumper, Rubber	57 04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8 Black
20 482752	Pulley, 6.25 OD Tapered Bore	58 04021-09	Nut, Elastic Stop 3/8-16
482745	Pulley, (29DFI & 35BV, 35BVAC Only)	59 04001-45	Bolt, Hex Head 3/8-16 x 2"
21 482667	Spring, PTO	60 04001-109	Bolt, Hex Head 1/4-20 x 1-3/8"
22 461609	Idler Arm Weldment, PTO Drive	61 04030-02	Lockwasher, 1/4 Spring
23 43632	Pivot, Idler PTO	62 04001-101	Bolt, Hex Head 7/16-20 x 2-1/2" UNF
24 461697	Spindle Assembly, Deck Drive	63 04030-05	Lockwasher, 7/16 Spring
25 481035	Nut, 1.06-18 Thread	64 04041-28	Flatwasher, 7/16-.469 x 1.75 x .25
26 43297	Spindle Bushing, Bottom	65 04001-172	Bolt, Hex Head 1/4-20 x 1" Grade 8
27 481025	Seal, 2.0 OD x 1.625 Bore	66 04001-21	Bolt, Hex Head 3/8-16 x 1-3/4"
28 481022	Roller Bearing Tapered	67 04019-03	Nut, Serrated Flange 5/16-18
29 43312	Spacer, Outside	68 04021-09	Nut, Elastic Stop 3/8-16
30 43296	Spacer, Inside	69 04001-19	Bolt, Hex Head 3/8-16 x 1"
31 48114-04	Grease Fitting, 1/4-28	70 04021-05	Nut, Center Lock 3/8-16
32 48677	Relief Fitting	71 04001-21	Bolt, Hex Head 3/8-16 x 1-3/4"
33 43644	Spindle Housing	72 04063-02	Key, 1/4 x 1/4 x 2-1/4"
34 481022	Roller Bearing Tapered	73 04063-20	Key, 1/4 x 1/4 x 1"
35 481024	Seal, 2.0 OD x 1.5 Bore	74 424138	Bracket
36 43534	Shaft, Deck Drive	75 43063	Spacer
37 461608	Idler Arm Weldment, Pump Drive	76 04001-19	Bolt, Hex Head 3/8-16 x 1"

ENGINE AND ATTACHING PARTS - KOHLER

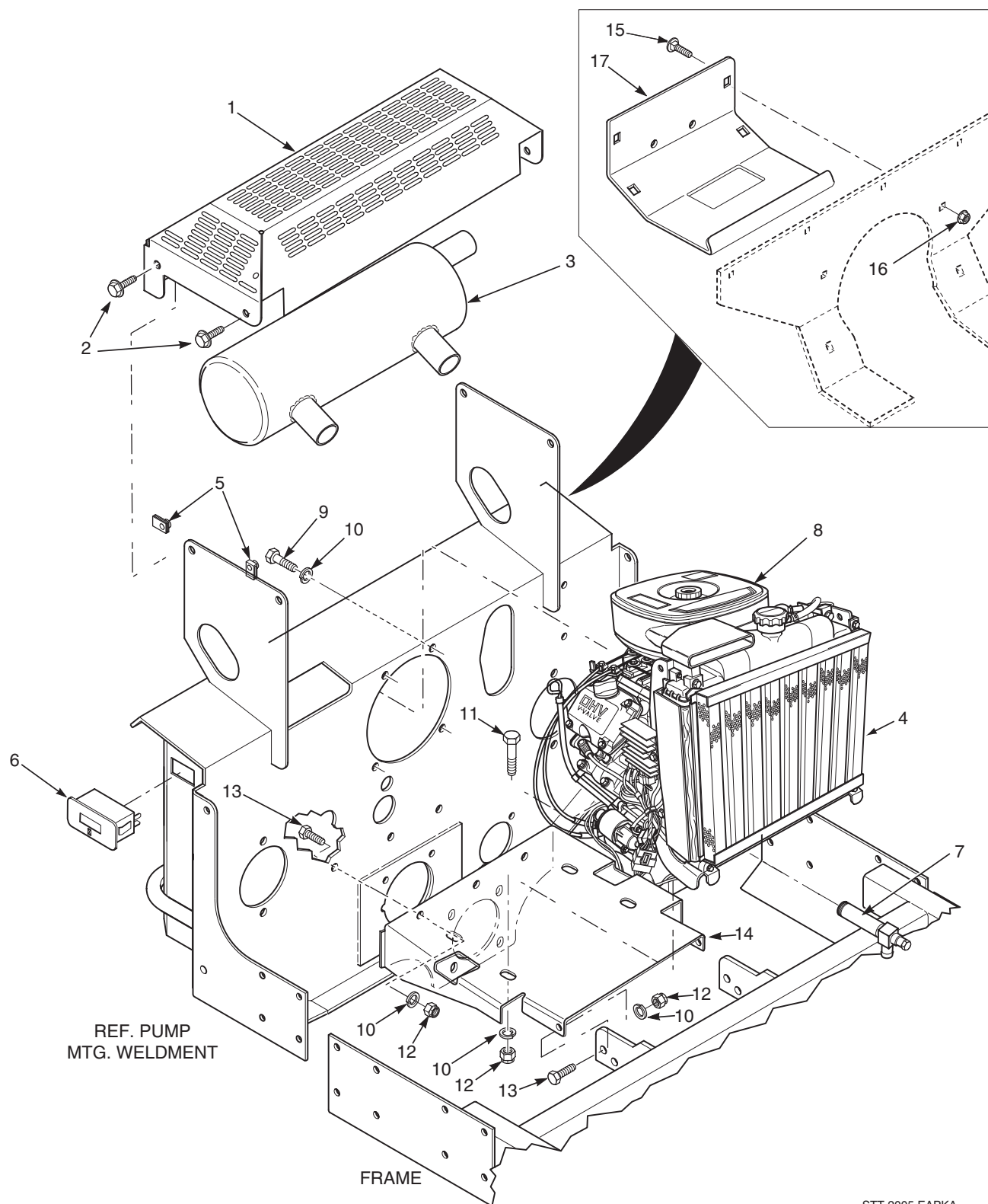


STT 2005 EAPKH

ENGINE AND ATTACHING PARTS - KOHLER

Ref. No.	Part No.	Description
1	422593	Muffler Guard
2	04017-05	Screw, Hex Serrated Flange 1/4-20 x 3/4"
3	*	Muffler, Part Of Engine (Available only through Kohler)
4	482510	Oil Drain Extension
5	04110-01	U-Nut, 1/4-20
6	424063	Rear Cover
7	483072	Hour Meter
8	482890	Engine, Kohler 27 CH (Available only through Kohler, Eng. Spec. PS-CH740-0041)
9	04001-19	Bolt, Hex Head 3/8-16 x 1"
10	04030-04	Lockwasher, 3/8" Spring
11	04001-21	Bolt, Hex Head 3/8-16 x 1-3/4"
12	04021-09	Nut, Hex Elastic Stop 3/8-16
13	04001-32	Bolt, Hex Head 3/8-16 x 1-1/4"
14	451459	Plate, Engine Mounting
15	04003-12	Bolt, Carriage 5/16-18 x 3/4"
16	04019-03	Nut, Hex Serrated Flange 5/16-18

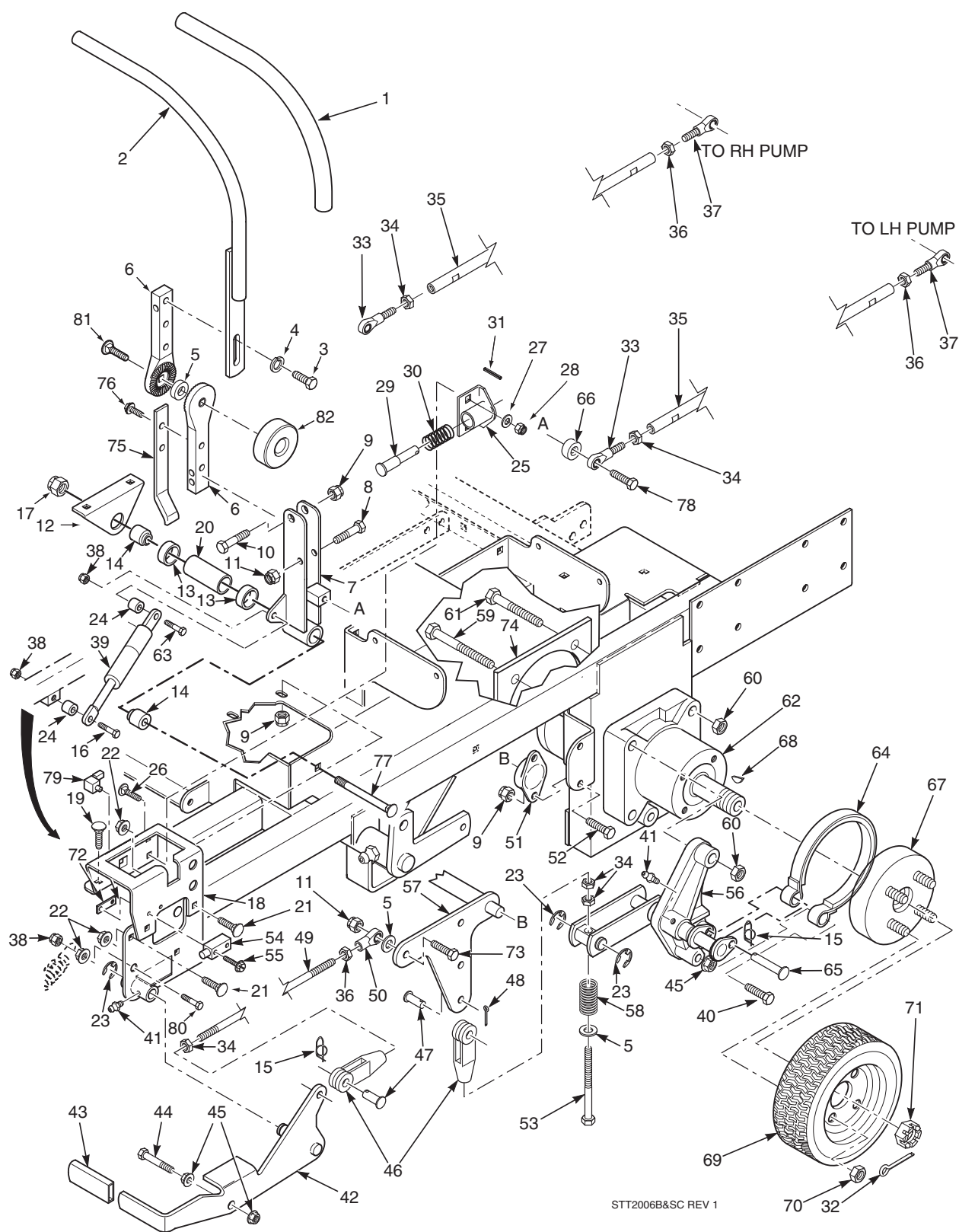
ENGINE & ATTACHING PARTS - 27HP, 29HP-DFI KA, 35BVAC, 35BV



ENGINE & ATTACHING PARTS - 27HP, 29HP-DFI KA, 35BVAC, 35BV

Ref. No.	Part No.	Description
1	451378	Muffler Guard (Kawasaki)
	422593	Muffler Guard (35BV, 35BVAC Briggs & Stratton)
2	04017-05	Screw, Hex Serrated Flange 1/4-20 x 3/4"
3	482699	Muffler (Kawasaki)
	482860	Muffler (Briggs & Stratton)
4	451421	Screen Weldment, Radiator (Kawasaki Only)
5	04110-01	U-Nut, 1/4-20
6	483072	Hour Meter
7	482351	Oil Drain, 2.6" (Kawasaki Only)
	483017	Oil Drain, (BV Only)
8	482809	Engine, Kawasaki 27KA (Available only through Kawasaki)
	482810	Engine, Kawasaki 29KA-DFI (Available only through Kawasaki)
	483258	Engine, Briggs & Stratton 35HP V-Twin Air Cooled (Avail. only through B & S)
	483045	Engine, Briggs & Stratton 35HP V-Twin Liquid Cooled (Avail. only through B & S)
9	04002-18	Bolt, M10-1.50 x 25 Grade 8.8
10	04030-04	Lockwasher, 3/8" Spring
11	04001-21	Bolt, Hex Head 3/8-16 x 1-3/4"
12	04021-09	Nut, Hex Elastic Stop 3/8-16
13	04001-32	Bolt, Hex Head 3/8-16 x 1-1/4"
14	451454	Plate, Engine Mounting
15	04003-12	Bolt, Carriage 5/16-18 x 3/4"
16	04019-03	Nut, Hex Serrated Flange 5/16-18
17	424063	Rear Cover

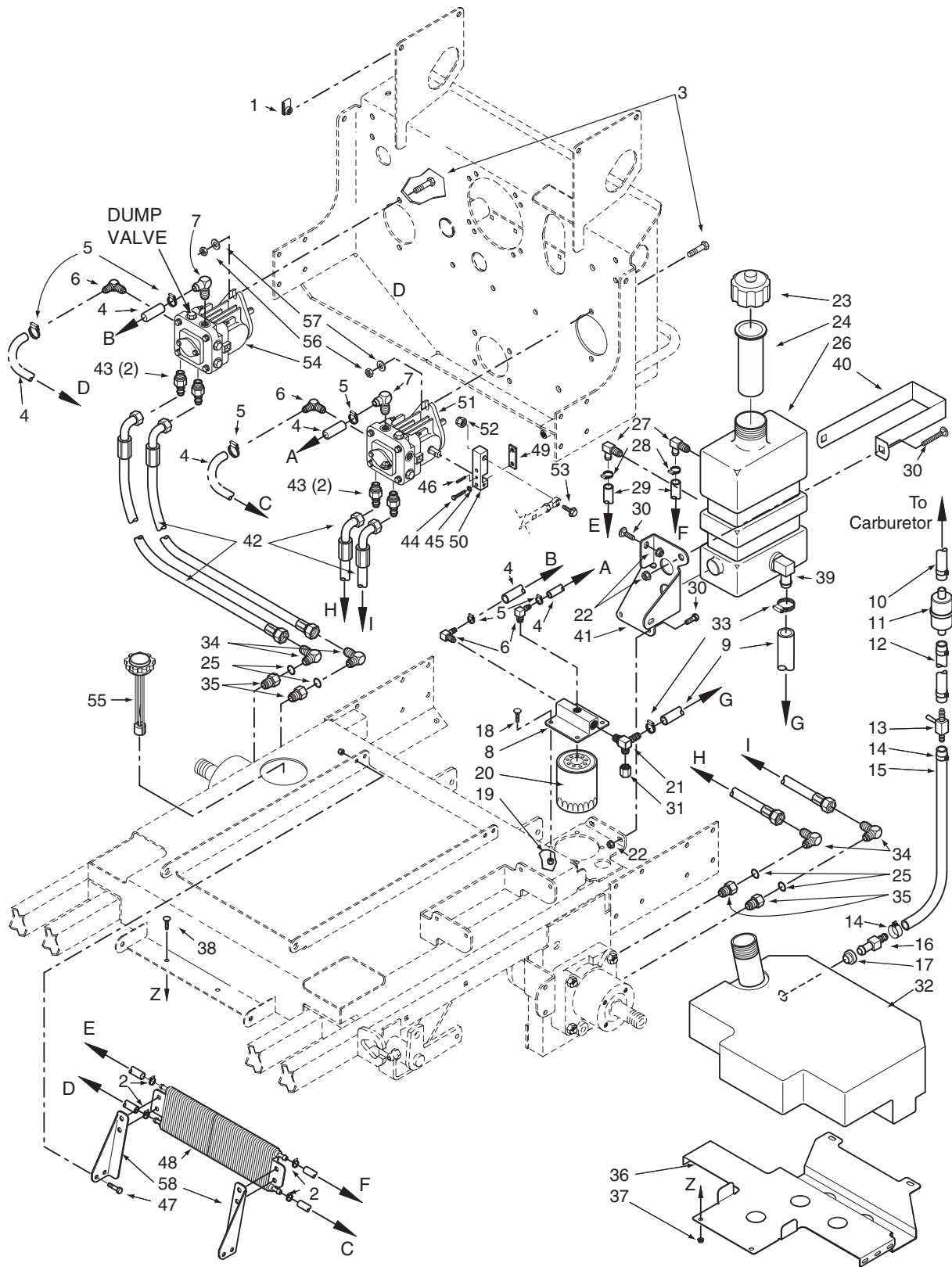
BRAKE AND STEERING COMPONENTS



BRAKE AND STEERING COMPONENTS

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1 482340	Grip, Handle Bar	44 04001-22	Bolt, Hex Head 3/8-16 x 2-3/4"
2 461914	Handle Bar, LH (Includes item 1)	45 04019-04	Nut, Hex Serrated Flange 3/8-16
461923	Handle Bar, RH (Includes item 1)	46 48343-04	Clevis, Traction Control
3 04001-09	Bolt, Hex Head 5/16-18 x 1"	47 04064-02	Pin, Clevis 3/8-16 x 1-1/16"
4 04030-03	Lockwasher, 5/16"	48 04061-02	Pin, Cotter 3/32 x .75
5 483250	Rubber Spacer	49 04004-34	Rod, Parking Brake
6 483238	Bar, Control Lever	50 48544	Rod End, LH Thread
7 451483	Control Lever Weldment, LH	51 48796	Bushing, Self Align
451484	Control Lever Weldment, RH	52 04001-08	Bolt, Hex Head 5/16-18 x 3/4"
8 04001-17	Bolt, Hex Head 5/16-18 x 2"	53 04001-147	Bolt, Hex Hd 3/8-24 x 5-1/4", 23/4" Thrd
9 04021-10	Nut, Hex Elastic Stop 5/16-18	54 481637	Switch
10 04001-45	Bolt, Hex Head 3/8-16 x 2"	55 04010-12	Screw, Hex SLTD WSHR Head #10 32 x 3/4"
11 04021-09	Nut, Hex Elastic Stop	56 461471	Brake Linkage, LH
12 423488	Mount, Control Linkage	461472	Brake Linkage, RH
13 48224	Ball Bearings, Neutral Return	57 45953	Bellcrank, Brake Actuator
14 43607	Spacer	58 48807	Spring
15 04069-01	Pin, Rue Cotter 3/8 Dia.	59 04001-163	Bolt, Hex Head 1/2-13 x 3-3/4"
16 04001-13	Bolt, Hex Head, 5/16-18 x 2.75 Zinc	60 04021-19	Locknut, Hex 1/2-13 Center Lock
17 04021-13	Nut, Hex Elastic Stop 5/8-11	61 04001-52	Bolt, Hex Head 1/2-13 x 2-1/2"
18 461601	Bracket, Control Lever LH	62 483190	Wheel Motor, Hydro-Gear (27CH, 27KA)
461602	Bracket, Control Lever RH	482639	Wheel Motor, Ross (29DFI, 35BVAC, 35BV)
19 04003-04	Bolt, Carriage 5/16-18 x 1"	63 04001-12	Bolt, Hex Head, 5/16-18 x 1.75, Zinc
20 43600	Spacer, Bearing	64 481601	Brake Band Assembly
21 04003-12	Bolt, Carriage 5/16-18 x 3/4"	65 04064-16	Pin, Clevis 3/8" Dia. x 1.93"
22 04019-03	Nut, Hex Serrated Flange 5/16-18	66 43063	Spacer
23 04050-01	Ring, Retaining 5/8" External "E"	67 461438	Wheel Hub/Brake Drum Assembly
24 43602	Spacer	68 04063-25	Key, Woodruff 5/16 x 1"
25 45918	Bracket, Neutral Return	69 481552	Wheel Assembly 23 x 10.5-12 (52" Only)
26 04003-02	Bolt, Carriage 1/4-20 x 3/4"	481659	Rim W/Valve Stem (52" Only)
27 04040-14	Flatwasher, 1/4" (.312 x .750 x .065)	481660	Tire, 23 x 10.5-12 (52" Only)
28 04021-08	Nut, Hex Elastic Stop 1/4-20	481850	Wheel Assembly 24 x 12-12 Turf Master
29 43477	Pin, Retaining Spring	481851	Rim W/Valve Stem
30 481389	Spring	481852	Tire, 24 x 12-12 Turf Master
31 04060-01	Roll Pin, Spring 5/32 x 3/4"	70 04028-02	Lug Nut, 1/2-20
32 04061-06	Pin, Cotter 9/16 x 1-1/2"	71 48680	Nut, Hex Castle
33 482586	Rod End, Male 3/8-24 RH Thread	72 422373	Threaded Plate
34 04020-25	Nut, 3/8-24 RH Thread	73 04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"
35 43629	Tube, Control Link Air Cooled Engine	74 423279	Plate Weldment, Motor Backing
43624	Tube, Control Link Liquid Cooled Engine	75 423491	Actuator Switch
36 04020-26	Nut, Hex 3/8-24 LH Thread	76 04017-16	Bolt, Hex Serrated Flange 5/16-18 x 3/4"
37 482585	Rod End, Male 3/8-24 LH Thread	77 04003-36	Bolt, Carriage 3/8-16 x 4-3/4"
38 04021-10	Locknut, 5/16-18, Elastic Stop	78 04001-19	Bolt, Hex Head 3/8-16 x 1"
39 482794	Gas Damper	79 481638	Switch
40 04001-31	Bolt, Hex Head 3/8-16 x 2-1/2"	80 04001-168	Bolt, Hex Head 3/8-16 x 1-1/4" Grade 8
41 48114-04	Grease Fitting	81 04003-38	Bolt, Carriage 5/16-18 x 1-1/2"
42 461082	Lever, Parking Brake (Includes item 43)	82 483269	Knob
43 481548	Grip, Parking Brake		

FUEL AND HYDRAULIC SYSTEM



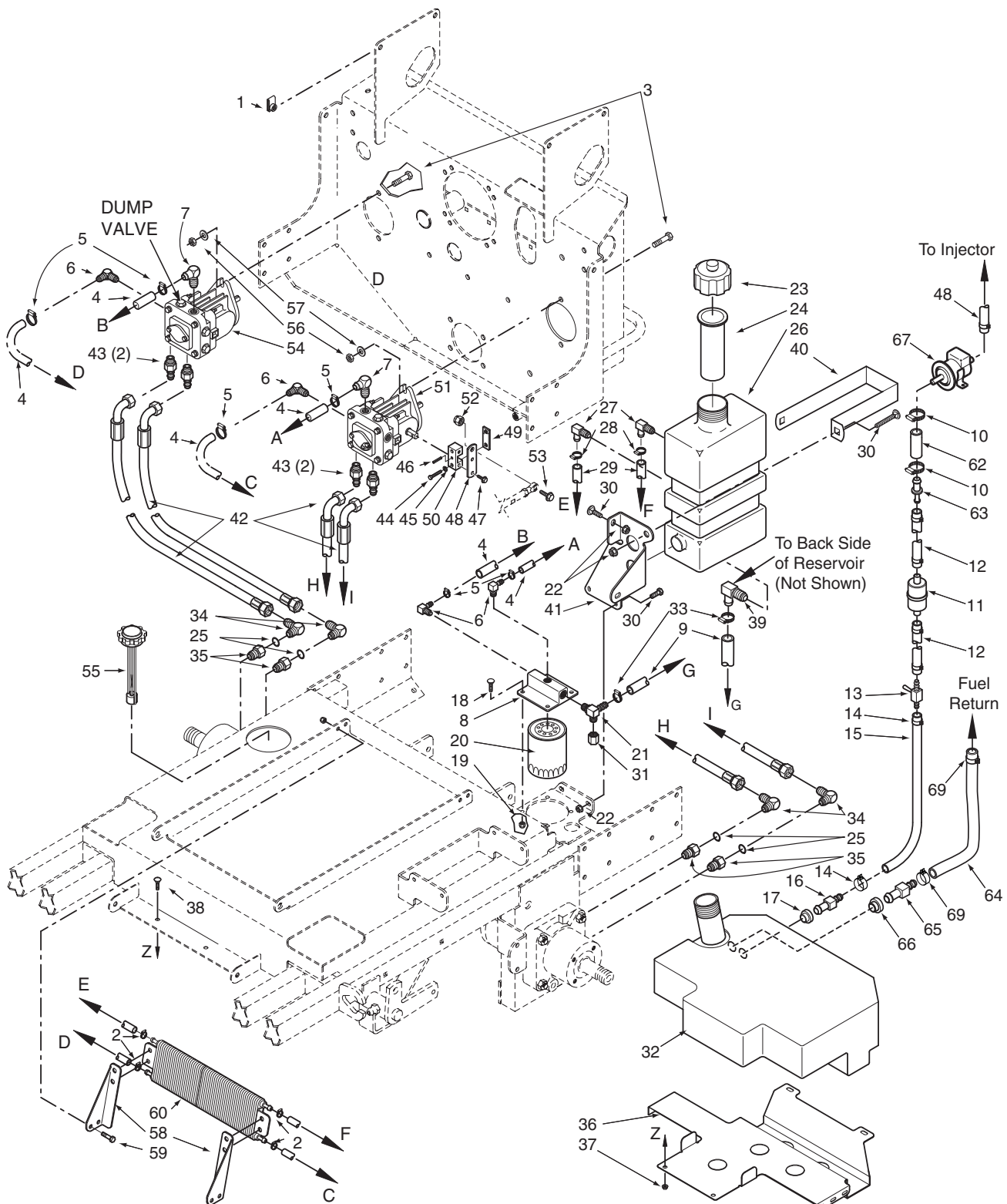
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FUEL AND HYDRAULIC SYSTEM

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1	04110-01 U-Nut 1/4-20	34	48350-02 Elbow, 90 Degree, 7/8-14 THD
2	48136-13 Hose Clamp, 0.69 dia.	35	48938-02 Bushing, 7/8-14 JIC x 3/4-16 O-Ring
3	04001-03 Bolt, Hex Head 1/4-20 x 2.0"	36	423701 Support Bracket, Fuel Tank
4	48811 Hose, 3/8" ID Pushlock - (order by inch)	37	04019-03 Nut, 5/16-18 Serrated Flange
5	48136-07 Clamp, Hose 1/2"	38	04003-02 Bolt, Carraige 1/4-20 x 3/4"
6	482266-01 Elbow, 90 Degree - 9/16 O-Ring x 3/8 Hose	39	482574 Elbow, 90 Degree
7	482266-02 Elbow, 90 Degree - 3/4 O-Ring x 3/8 Hose		482573 Bushing, .78 Dia. Viton
8	482417 Oil Filter Base	40	423513 Strap, Hydraulic Tank
9	482606 Hose Assembly, 1/2" ID (Tank to Filter Base)	41	423485 Support Bracket, Hydraulic Tank
10	** Fuel Hose to Carb.	42	481611 Hose Assembly, Pump
11	** Fuel Filter	43	48572-04 Union, 3/4-16 JIC x 3/4-16 O-ring
12	48058 Fuel Hose, 1/4" ID. (order by inch)	44	04001-59 Bolt, Hex Head, 1/4-20 x 1-14"
13	481308 Valve, Shutoff Kawasaki	45	04030-02 Lockwasher, 1/4" Spring
	481753 Valve, Shutoff Kohler	46	04060-09 Roll Pin, Spring 3/16 x 3/4"
14	48059-01 Clamp, Fuel Hose	47	04001-08 Bolt, Hex Head 5/16-18 x 3/4"
15	48058 Fuel Hose, 1/4" ID. (order by inch)	48	482505 Cooler, Oil
16	481602 Hose Fitting	49	422694 Clamp Plate, Pump Control
17	48309 Bushing	50	481793 Block, Pump Control
18	04001-09 Bolt, Hex Head 5/16-18 x1.0" Zinc	51	482695 Pump, Left Hand, BDP-16A-410
19	04019-03 Nut, Serrated Flange 5/16-18		483101 Pump, Left Hand, BDP-16A (31BV)
20	48758 Oil Filter	52	04021-09 Nut, Hex, Elastic Stop 3/8-16
21	482483 Tee, 3/4 O-ring x JIC x 1/2" Hose	53	04001-32 Bolt, Hex Head, 3/8-16 x 1-1/4
22	04021-08 Nut, Hex Elastic Stop 1/4-20	54	482696 Pump, Right Hand, BDP 16A-307
23	481164 Cap, Hydraulic Tank		483100 Pump, Right Hand, BDP-16A (31BV)
24	481507 Insert, Filler Neck	55	482497 Cap, Fuel Tank W/Gauge
25	48603-02 O-Ring	56	04021-09 Nut, Hex Elastic Stop 3/8-16
26	461451 Oil Reservoir Assembly (includes 24, 27, 39)	57	04043-04 Flatwasher, 3/8" (.391 x .938 x .105) Grade 8
27	482572 Elbow, 90 Degree .38 Hose	58	423524 Mounting Bracket - LH, Oil Cooler
	482571 Bushing, .56 Dia. Viton		423944 Mounting Bracket - LH, Oil Cooler (35BVAC Only)
28	48136-13 Hose Clamp, 0.69 dia.		423525 Mounting Bracket - RH, Oil Cooler
29	48811 Hose, 3/8" ID, Pushlock (order by inch)		423945 Mounting Bracket - RH, Oil Cooler (35BVAC Only)
30	04010-10 Screw, Phillips Head, 1/4-20		
31	48571-02 Cap		
32	461751 Fuel Tank Assembly (includes items 23 & 24)		
33	48136-05 Clamp, Hose		

** Available through the individual engine manufacturer.

FUEL AND HYDRAULIC SYSTEM - KAWASAKI 29DFI



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Section 8

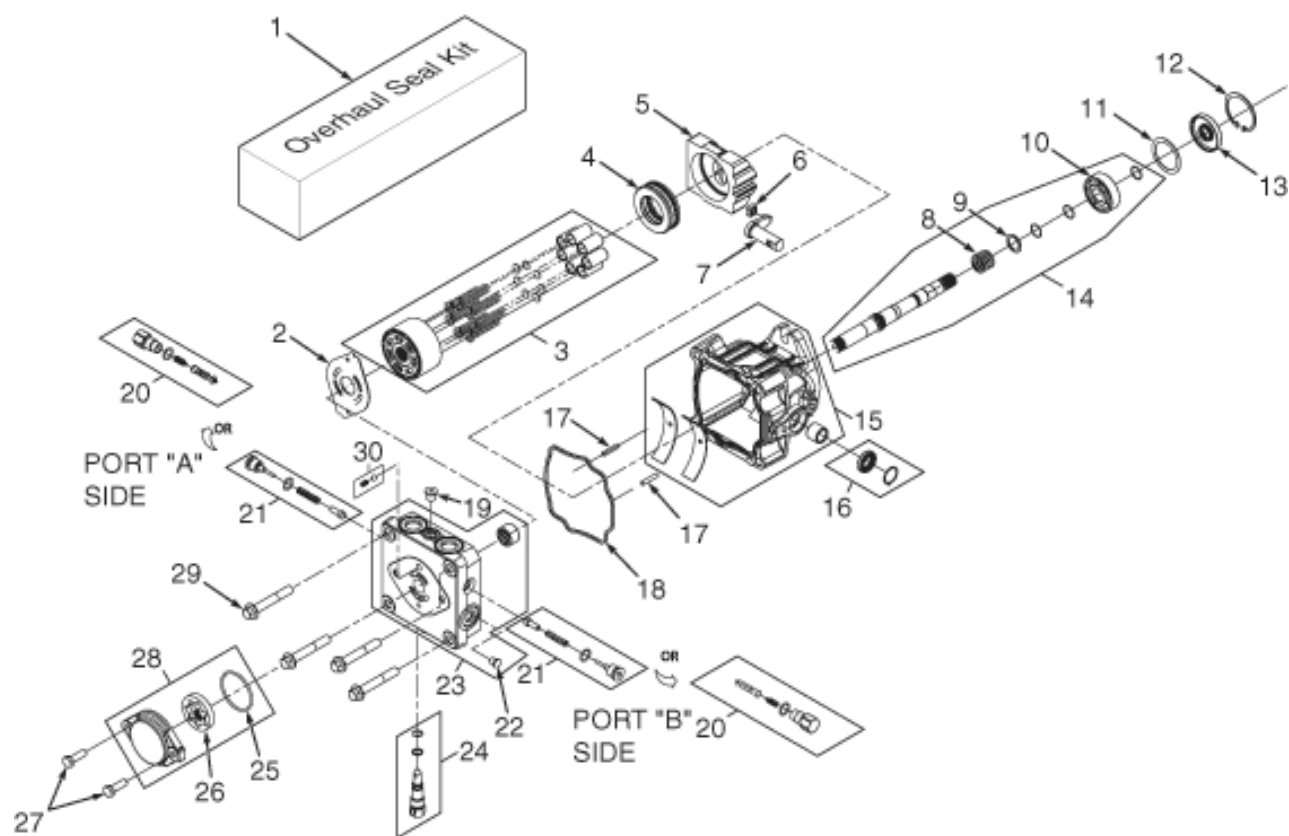


FUEL AND HYDRAULIC SYSTEM - KAWASAKI 29DFI

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1	04110-01 U-Nut 1/4-20	35	48938-02 Bushing, 7/8-14 JIC x 3/4-16 O-Ring
2	48136-13 Hose Clamp, 0.69 dia.	36	423701 Support Bracket, Fuel Tank
3	04001-03 Bolt, Hex Head 1/4-20 x 2.0"	37	04019-03 Nut, 5/16-18 Serrated Flange
4	48811 Hose, 3/8" ID Pushlock - (order by inch)	38	04003-02 Bolt, Carriage 1/4-20 x 3/4"
5	48136-07 Clamp, Hose 1/2"	39	482574 Elbow, 90 Degree
6	482266-01 Elbow, 90 Degree - 9/16 O-Ring x 3/8 Hose		482573 Bushing, .78 Dia. Viton
7	482266-02 Elbow, 90 Degree - 3/4 O-Ring x 3/8 Hose	40	423513 Strap, Hydraulic Tank
8	482417 Oil Filter Base	41	423485 Support Bracket, Hydraulic Tank
9	482606 Hose Assembly, 1/2" ID (Tank to Filter Base)	42	481611 Hose Assembly, Pump
10	48136-05 Clamp, .87 max Dia.	43	48572-04 Union, 3/4-16 JIC x 3/4-16 O-ring
11	** Fuel Filter, Kawasaki (p/n 49019-1055)	44	04001-59 Bolt, Hex Head, 1/4-20 x 1-14"
12	481178 Fuel Hose, 5/16" ID. (order by inch)	45	04030-02 Lockwasher, 1/4" Spring
13	481308 Valve, Shutoff Kawasaki	46	04060-09 Roll Pin, Spring 3/16 x 3/4"
14	48059-01 Clamp, Fuel Hose	47	04017-05 Bolt, Hex Serrated Flange, 1/4-20 x 3/4"
15	481178 Fuel Hose, 5/16" ID. (order by inch)	48	481178 Fuel Hose, 5/16" ID. (order by inch)
16	481312 Hose Fitting	49	422694 Clamp Plate, Pump Control
17	48309 Bushing	50	481793 Block, Pump Control
18	04001-09 Bolt, Hex Head 5/16-18 x 1.0" Zinc	51	483101 Pump, Left Hand, BDP-16A
19	04019-03 Nut, Serrated Flange 5/16-18	52	04021-09 Nut, Hex, Elastic Stop 3/8-16
20	48758 Oil Filter	53	04001-32 Bolt, Hex Head, 3/8-16 x 1-1/4
21	482483 Tee, 3/4 O-ring x JIC x 1/2" Hose	54	483100 Pump, Right Hand, BDP 16A
22	04021-08 Nut, Hex Elastic Stop 1/4-20	55	482497 Cap, Fuel Tank W/Gauge
23	481164 Cap, Hydraulic Tank	56	04021-09 Nut, Hex Elastic Stop 3/8-16
24	481507 Insert, Filler Neck	57	04043-04 Flatwasher, 3/8" (.391 x .938 x .105) Grade 8
25	48603-02 O-Ring	58	423524 Mounting Bracket - LH, Oil Cooler
26	461451 Oil Reservoir Assembly (includes 24, 27, 39)		423525 Mounting Bracket - RH, Oil Cooler
27	482572 Elbow, 90 Degree .38 Hose	59	04001-08 Bolt, Hex Head 5/16-18 x 3/4"
	482571 Bushing, .56 Dia. Viton	60	482505 Cooler, Oil
28	48136-13 Hose Clamp, 0.69 dia.	61	48136-13 Clamp, .69 Dia.
29	48811 Hose, 3/8" ID, Pushlock (order by inch)	62	482702 Hose, Fuel Line (order by inch)
30	04010-10 Screw, Phillips Head, 1/4-20	63	** Adapter, 1/2" - 5/16" (p/n 59071-2141)
31	48571-02 Cap	64	48058 Hose, 1/4" Fuel Line (order by inch)
32	461586 Fuel Tank Assembly (incl. items 16, 17, 65, 66)	65	482703 Fitting, Hose
33	48136-05 Clamp, Hose	66	48309 Bushing
34	48350-02 Elbow, 90 Degree, 7/8-14 THD	67	** Fuel Pump, Kawasaki 29DFI
		68	481178 Fuel Hose, 5/16" ID. (order by inch)

** Available through the individual engine manufacturer.

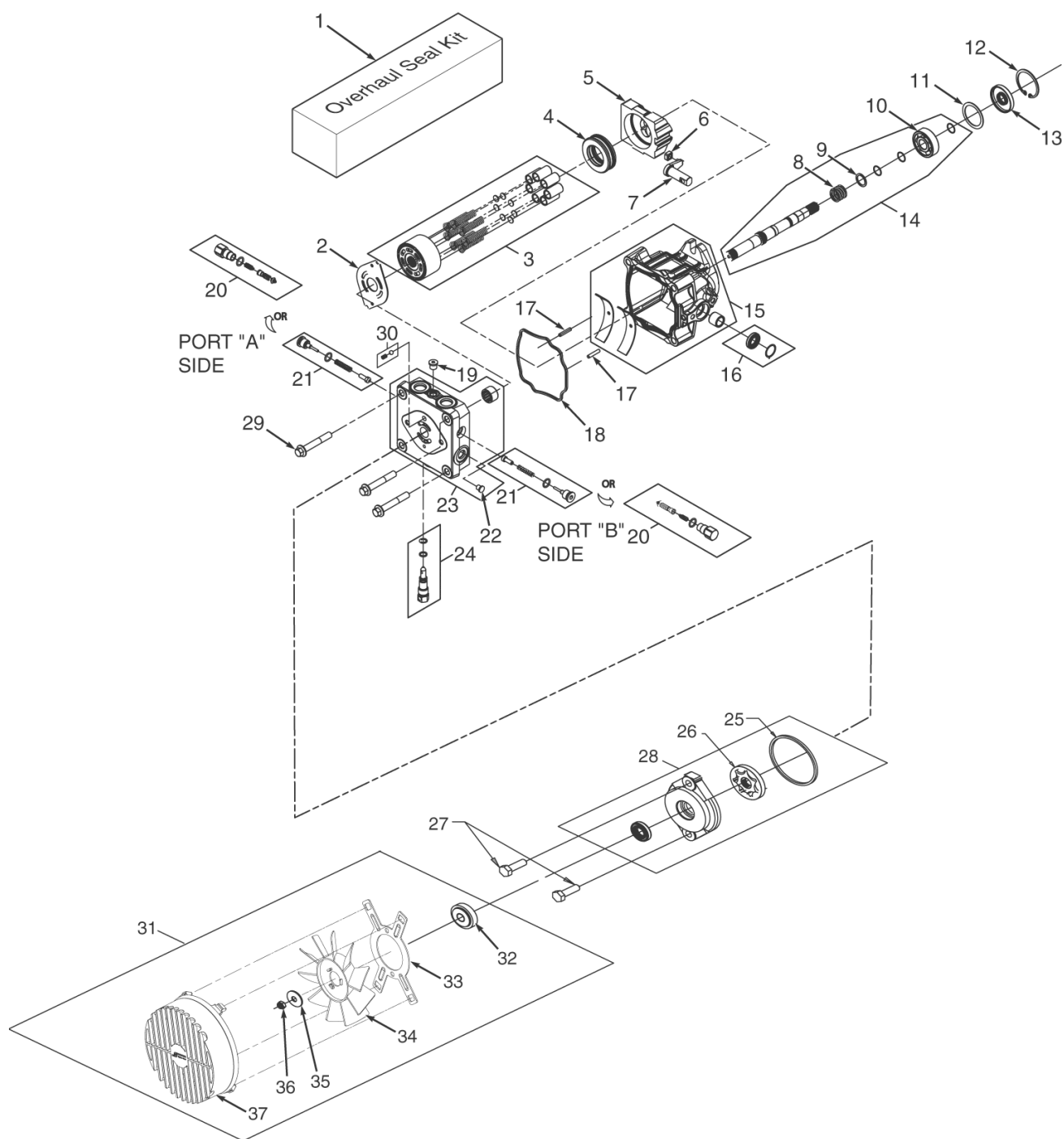
BDP-16A HYDRAULIC PUMP ASSEMBLY



BDP-16A HYDRAULIC PUMP ASSEMBLY

Ref. No.	Part No.	Description
1	HG70740	Overhaul Seal Kit
2	HG51455	Valve Plate
3	HG70735	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	HG70581	Kit, Pump Shaft
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	HG2510071	Charge Pump Kit (.19 STD. Splined)
29	HG51457	Hex Screw, Flanged Head (M10 x 1.50-65mm)
30	HG70402	Charge Relief Kit

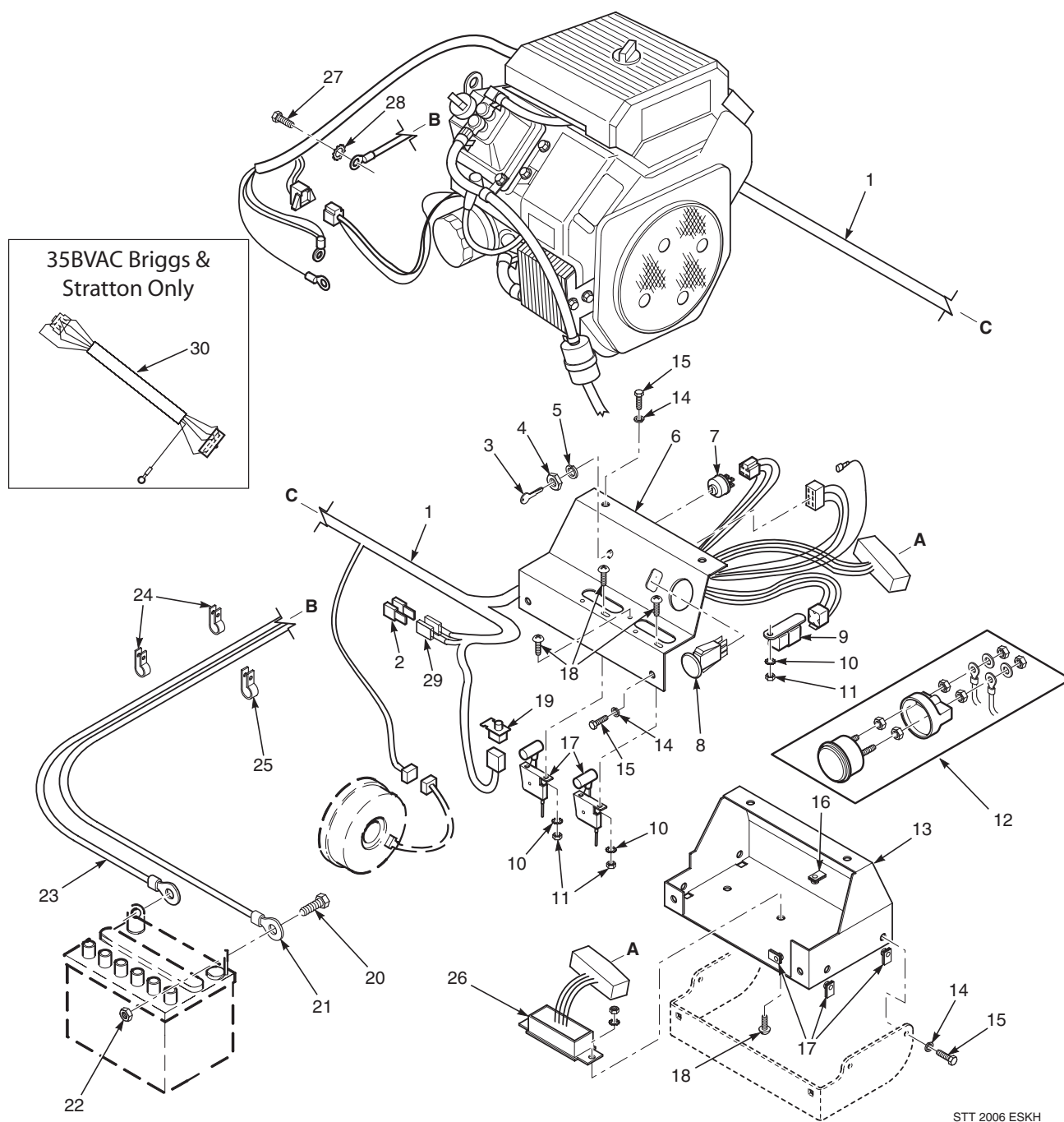
BDP-16A HYDRAULIC PUMP ASSEMBLY WITH COOLING FAN (29DFI, 35BVAC, 35BV ONLY)



BDP-16A HYDRAULIC PUMP ASSEMBLY WITH COOLING FAN (29DFI, 35BVAC, 35BV ONLY)

Ref. No.	Part No.	Description
1	HG70740	Overhaul Seal Kit
2	HG51455	Valve Plate
3	HG70735	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	HG70916	Fan Kit (incl. items 32, 33, 34, 35, 36, 37)
32	HG51348	Hub
33	HG52016	Bracket, Shroud
34	HG52014	Fan
35	HG51389	Washer
36	HG50108	Nut
37	HG52029	Shroud

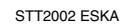
ELECTRICAL SYSTEM (KOHLER & 35BVAC)



ELECTRICAL SYSTEM (KOHLER & 35BVAC)

Ref. No.	Part No.	Description
1	483055	Wire Harness, STT Air Cooled
2	48298	Fuse, 20 AMP
3	48017-02	Key & Ring Assembly
4	48017-04	Nut, Hex 5/8-32
5	48017-03	Lockwasher, 5/8" Internal
6	461916	Instrument Panel, Top w/Decals
7	48798	Key Switch
8	483162	Switch, PTO
9	483013	Relay
10	04031-01	Lockwasher, #10 External Tooth
11	04020-01	Nut, Hex #10-32
12	481755	Ammeter
13	451081	Base, Instrument Panel
14	04030-02	Lockwasher, 1/4"
15	04001-01	Bolt, Hex Head 1/4-20 x 3/4"
16	04110-01	U-Nut, 1/4-20
17	481544	Throttle And Choke Controls (Kohler)
	481662	Throttle And Choke Controls (35BVAC Briggs & Stratton)
18	04010-01	Screw, Phillips Washer Head #10-32 x 1/2"
19	481638	Switch, Interlock-Seat
20	04001-44	Bolt, Hex Head 1/4-20 x 1/2"
21	48029-22	Cable, Battery - Red
22	04020-02	Nut, Hex 1/4-20
23	48029-11	Cable, Battery - Black
24	48030-09	Clamp, Cable 1/2" ID.
25	48136-05	Clamp, Cable 3/4" ID.
26	483029	Electronic Module
27	04002-12	Bolt, Hex Head M8-1.25 x 20
28	04031-03	Lockwasher, 5/16" External Tooth
29	48430	Fuse Holder w/Fuse and Connector
	482588	Clip, Fuse Holder
30	482849	Wire Harness Adapter 35BVAC (Briggs & Stratton Only)

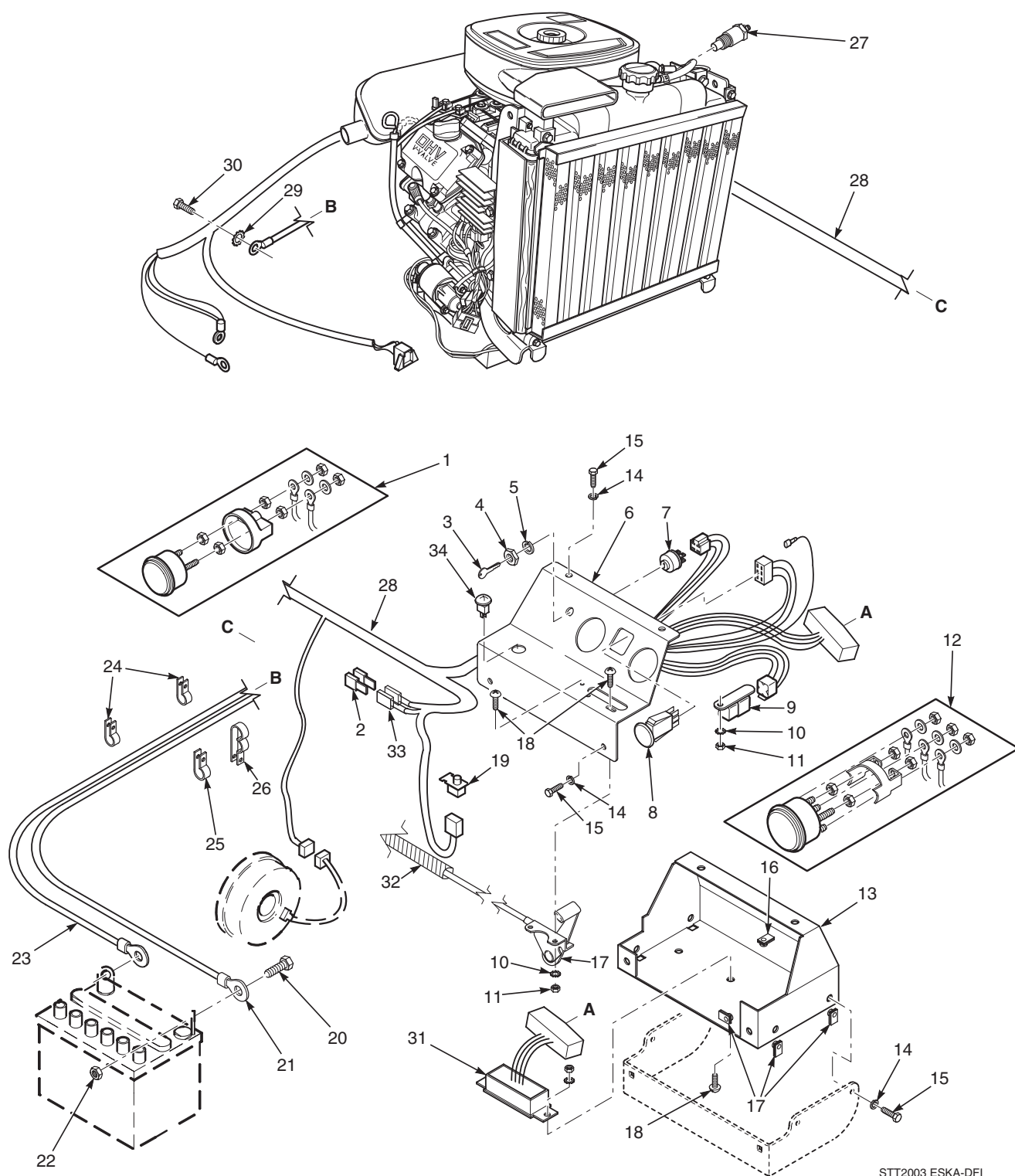
ELECTRICAL SYSTEM (27HP KAWASAKI, 35BV BRIGGS & STRATTON)



Section 8**ELECTRICAL SYSTEM (27HP KAWASAKI, 35BV BRIGGS & STRATTON)**

Ref. No.	Part No.	Description
1	481755	Ammeter
2	48298	Fuse, 20 AMP
3	48017-02	Key & Ring Assembly
4	48017-04	Nut, Hex 5/8-32
5	48017-03	Lockwasher, 5/8" Internal
6	461916	Instrument Panel, Top w/Decals
7	48798	Key Switch
8	483162	Switch, PTO
9	483013	Relay
10	04031-01	Lockwasher, #10 External Tooth
11	04020-01	Nut, Hex #10-32
12	481183	Water Temp. Gauge
13	451081	Base, Instrument Panel
14	04030-02	Lockwasher, 1/4"
15	04001-01	Bolt, Hex Head 1/4-20 x 3/4"
16	04110-01	U-Nut, 1/4-20
17	481662	Throttle And Choke Controls
18	04010-01	Screw, Phillips Washer Head #10-32 x 1/2"
19	481638	Switch, Interlock-Seat
20	04001-44	Bolt, Hex Head 1/4-20 x 1/2"
21	48029-06	Cable, Battery - Red
	48029-22	Cable, Battery - Red (35BV Only)
22	04020-02	Nut, Hex 1/4-20
23	48029-11	Cable, Battery - Black
24	48030-09	Clamp, Cable 1/2" ID.
25	48136-05	Clamp, Cable 3/4" ID.
26	48030-11	Clamp, Cable
27	481670	Sending Unit, Water Temp.
28	483054	Wire Harness, STT Kawasaki Liquid Cooled
	483145	Wire Harness, STT Briggs & Stratton Liquid Cooled
29	04031-03	Lockwasher, 5/16" External Tooth
30	04002-12	Bolt, Hex Head M8-1.25 x 20
31	483029	Electronic Module
32	481945-01	Heatshield, Flexible
33	48430	Fuse Holder w/Fuse and Connector
	482588	Clip, Fuse Holder

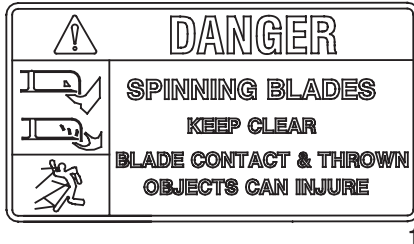
ELECTRICAL SYSTEM (29HP-DFI KAWASAKI)



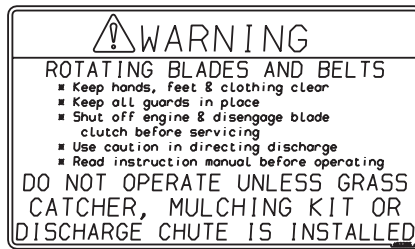
STT2003 ESKA-DFI

ELECTRICAL SYSTEM (29HP-DFI KAWASAKI)

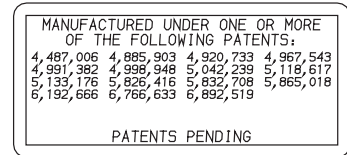
Ref. No.	Part No.	Description
1	481755	Ammeter
2	48298	Fuse, 20 AMP
3	48017-02	Key & Ring Assembly
4	48017-04	Nut, Hex 5/8-32
5	48017-03	Lockwasher, 5/8" Internal
6	461916	Instrument Panel, Top w/Decals
7	48798	Key Switch
8	483162	Switch, PTO
9	48788	Relay
10	04031-01	Lockwasher, #10 External Tooth
11	04020-01	Nut, Hex #10-32
12	481183	Water Temp. Gauge (STT - KA Only)
13	451081	Base, Instrument Panel
14	04030-02	Lockwasher, 1/4"
15	04001-01	Bolt, Hex Head 1/4-20 x 3/4"
16	04110-01	U-Nut, 1/4-20
17	481662	Throttle Controls
18	04010-01	Screw, Phillips Washer Head #10-32 x 1/2"
19	481638	Switch, Interlock-Seat
20	04001-44	Bolt, Hex Head 1/4-20 x 1/2"
21	48029-06	Cable, Battery - Red
22	04020-02	Nut, Hex 1/4-20
23	48029-11	Cable, Battery - Black
24	48030-09	Clamp, Cable 1/2" ID.
25	48136-05	Clamp, Cable 3/4" ID.
26	48030-11	Clamp, Cable
27	481670	Sending Unit, Water Temp.
28	483056	Wire Harness, STT Liquid Cooled Digital Fuel Injection (DFI)
29	04031-03	Lockwasher, 5/16" External Tooth
30	04002-12	Bolt, Hex Head M8-1.25 x 20
31	483029	Electronic Module
32	481945-01	Heatshield, Flexible
33	48430	Fuse Holder w/Fuse and Connector
34	481182	Indicator Light, Check Engine



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481568

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481971

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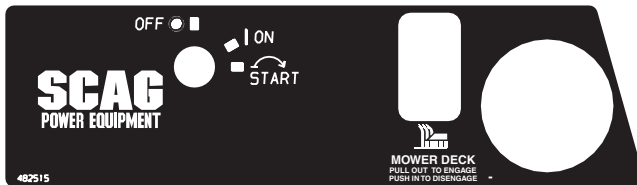
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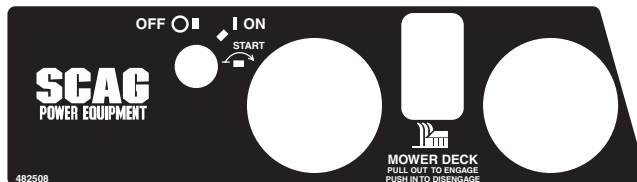
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482515

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482508

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482983

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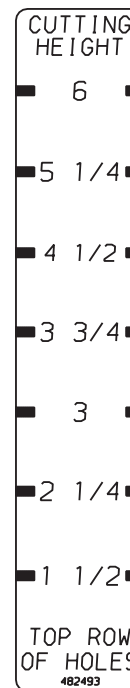


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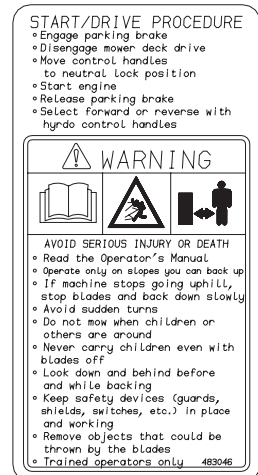
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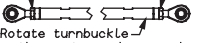


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REPLACEMENT DECALS AND INFORMATION PLATES

Ref. No.	Part No.	Description
1	483192	Decal, Danger-Spinning Blades
2	482286	Decal, Warning-Rotating Blades
3	483200	Decal, 52 Velocity Plus
	483201	Decal, 61 Velocity Plus
	481956	Decal, 72 Advantage
4	482290	Decal, Fuel Tank
5	483044	Decal, Patents
6	481568	Decal, Traction Control
7	481971	Decal, Heavy Duty Commercial
8	48404	Decal, Metalcraft-Made In USA
9	481039	Decal, Belt Cover
10	482515	Decal, Instrument Panel-Upper (Air Cooled)
11	482508	Decal, Instrument Panel-Upper (Kawasaki)
12	482983	Decal, Instrument Panel-Lower
13	482565	Decal, Cutting Height - Lower
14	483046	Decal, Start/Drive Procedure
15	482710	Decal, Seat Support
16	482577	Decal, Turf Tiger
17	483229	Decal, Turf Tiger
18	481664	Decal, Stripes-RH
19	481663	Decal, Stripes-LH
20	481694	Decal, Tiger
21	482165	Decal, Warning
22	482493	Decal, Cutting Height - Upper
23	482984	Decal, Instrument Panel - Lower (Kawasaki 29HP-DFI only)
24	483158	Decal, ROPS

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

 Rotate turnbuckle
 With an operator in the seat, engine running, control levers in neutral, and the parking brake disengaged - adjust control linkage. Loosen jam nuts. If wheel rotates forward, adjust turnbuckle CCW. If wheel rotates rearward, adjust turnbuckle CW. Adjust until drive wheel stops turning. Tighten jam nuts. Repeat for opposite side.

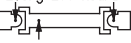
TRACKING ADJUSTMENT
 If the machine pulls to the right, adjust LH control linkage CCW to slow left wheel. If the machine pulls to the left, adjust RH control linkage CCW to slow right wheel. Readjust neutral if necessary.

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.

IMPORTANT
 Gearbox Lubricant:
 SAE 80W90 gear oil

IMPORTANT
DRIVESHAFT MAINTENANCE
 Grease yokes 3-4 pumps Every 200 hours

 Grease spline 8-10 pumps Every 50 hours

482710

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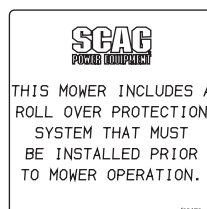
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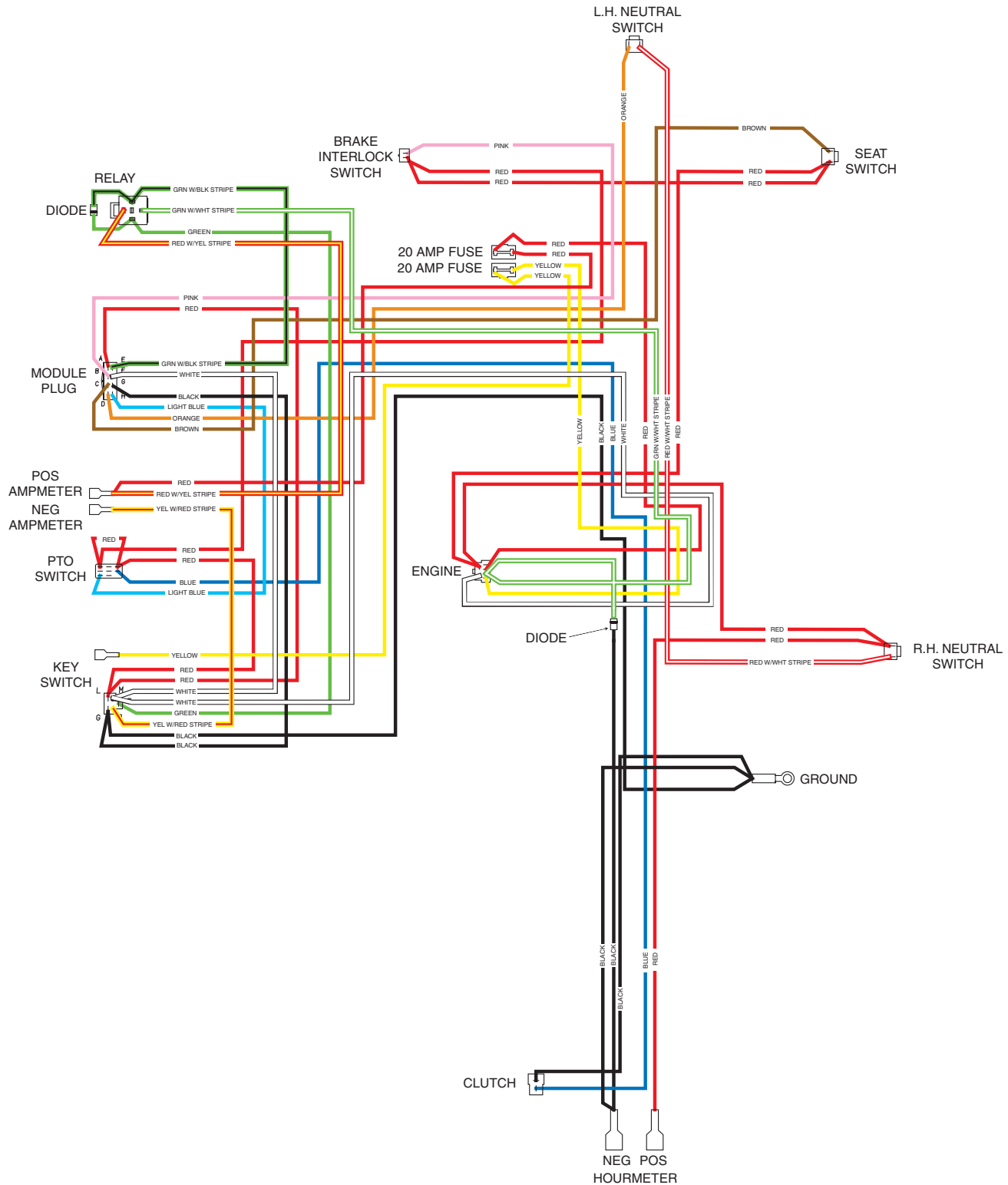


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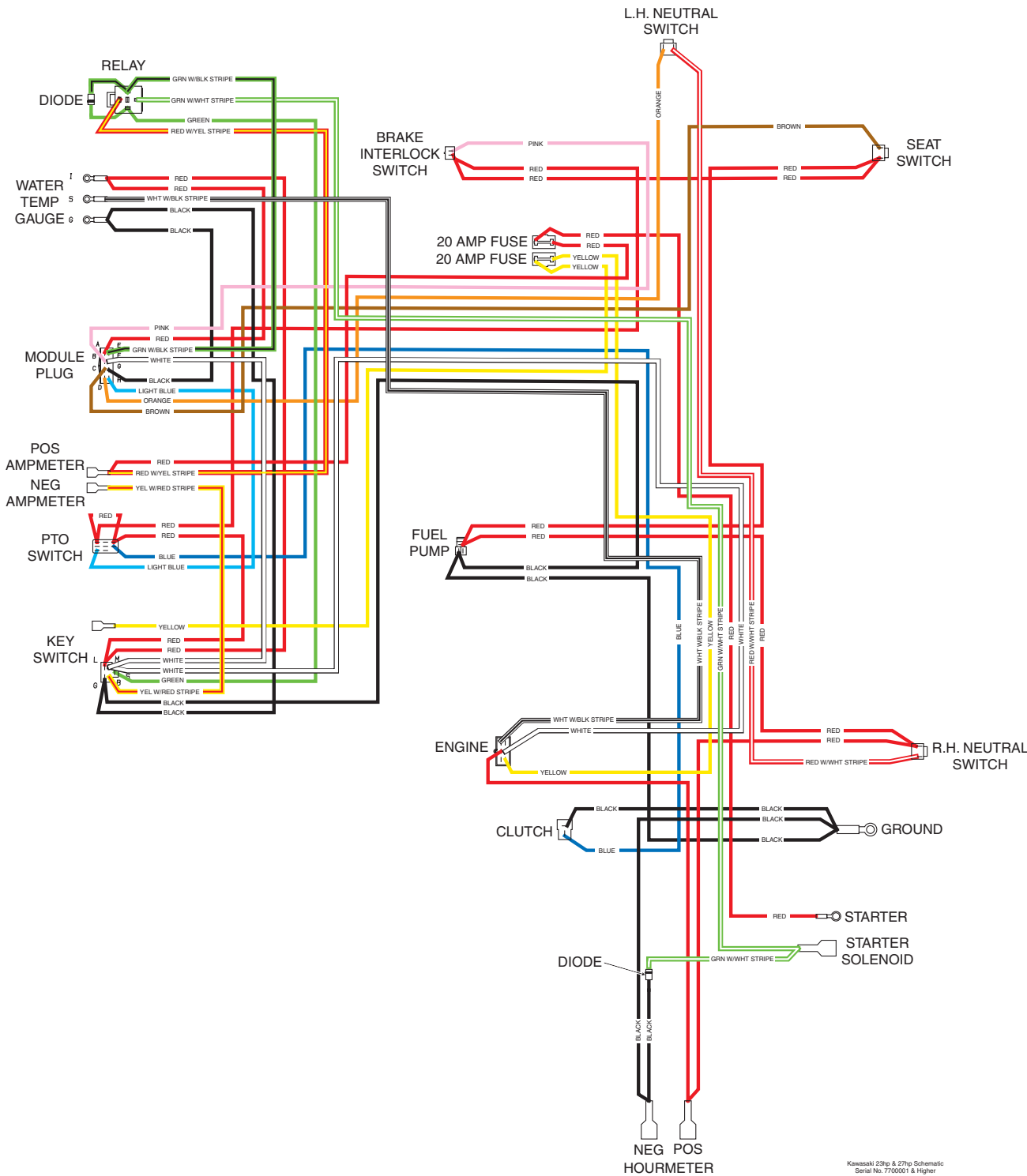
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STT ELECTRICAL SCHEMATIC (KOHLER)

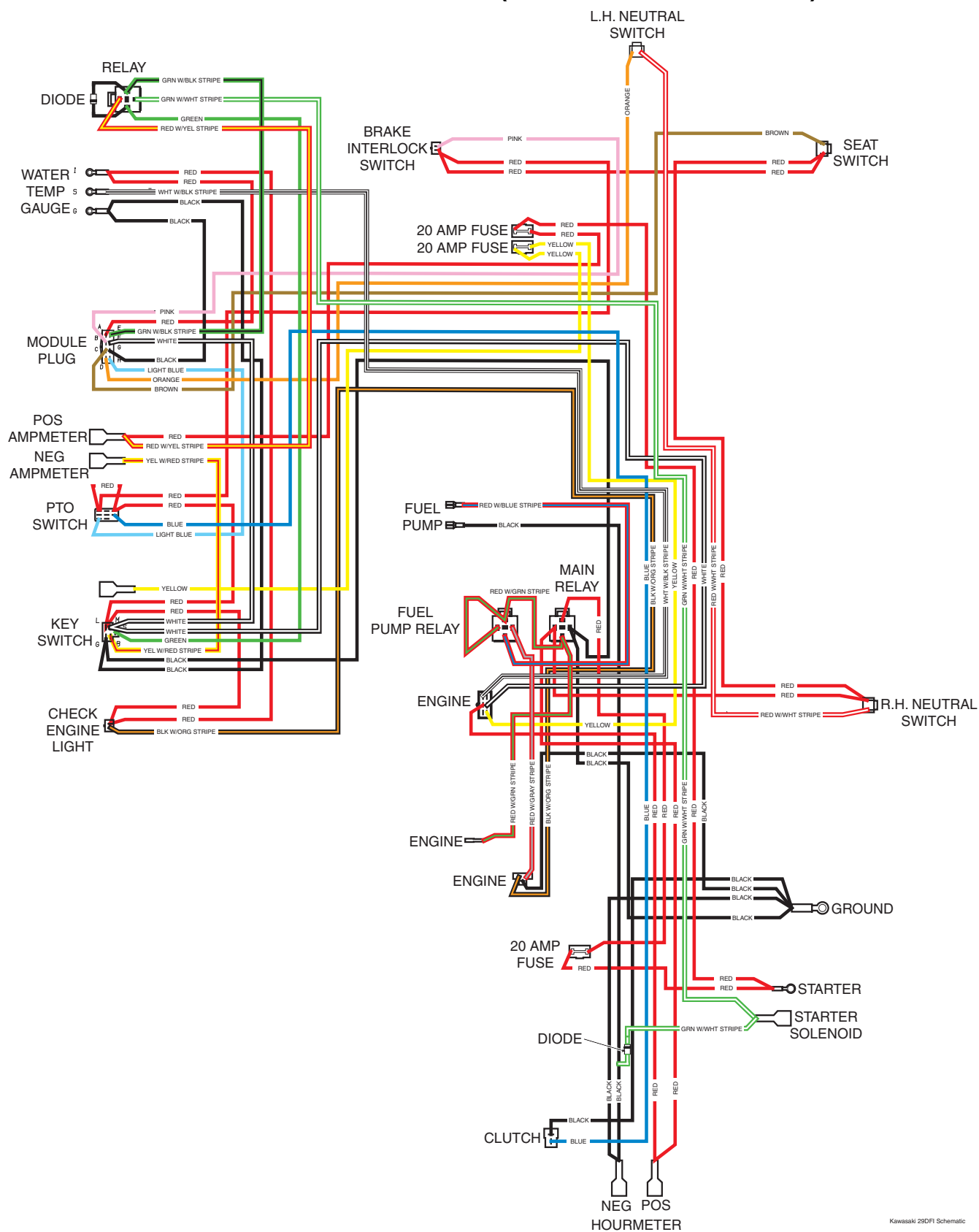


Kohler STT Schematic
Serial No. 7700001 & Higher

STT ELECTRICAL SCHEMATIC (27HP KAWASAKI)



ELECTRICAL SCHEMATIC (KAWASAKI 29HP - DFI)



The diagram illustrates the electrical wiring for a vehicle, centered around an **ENGINE ADAPTER HARNESS**. The components and their connections are as follows:

- RELAY**: Connected to the **DIODE** and the **MODULE PLUG**. Wires include GRN W/BLK STRIPE, GRN W/WHT STRIPE, GREEN, and RED W/YEL STRIPE.
- DIODE**: A component that directs the flow of electricity, connected to the **RELAY** and the **MODULE PLUG**.
- MODULE PLUG**: A connector for the **POS AMPMETER**, **NEG AMPMETER**, **PTO SWITCH**, and **KEY SWITCH**. Wires include GRN W/BLK STRIPE, WHITE, BLACK, LIGHT BLUE, ORANGE, and BROWN.
- POS AMPMETER**: Connected to the **MODULE PLUG** and the **ENGINE ADAPTER**. Wires include RED and RED W/YEL STRIPE.
- NEG AMPMETER**: Connected to the **MODULE PLUG** and the **ENGINE ADAPTER**. Wires include YEL W/RED STRIPE and RED.
- PTO SWITCH**: Connected to the **MODULE PLUG** and the **ENGINE ADAPTER**. Wires include RED, RED, BLUE, and LIGHT BLUE.
- KEY SWITCH**: Connected to the **MODULE PLUG** and the **ENGINE ADAPTER**. Wires include YELLOW, RED, RED, WHITE, GREEN, YEL W/RED STRIPE, and BLACK.
- BRAKE INTERLOCK SWITCH**: Connected to the **ENGINE ADAPTER** and the **CLUTCH**. Wires include PINK, RED, and RED.
- L.H. NEUTRAL SWITCH**: Connected to the **ENGINE ADAPTER** and the **CLUTCH**. Wires include ORANGE, BROWN, RED, and RED.
- SEAT SWITCH**: Connected to the **ENGINE ADAPTER** and the **CLUTCH**. Wires include RED and RED.
- R.H. NEUTRAL SWITCH**: Connected to the **ENGINE ADAPTER** and the **CLUTCH**. Wires include RED, RED, and RED W/WHT STRIPE.
- ENGINE ADAPTER**: A central component that connects the **ENGINE ADAPTER HARNESS** to the **CLUTCH**. Wires include YELLOW, BLACK, BLUE, WHITE, GRN W/WHT STRIPE, RED, and RED.
- ENGINE ADAPTER HARNESS**: A bundle of wires that connect the **ENGINE ADAPTER** to the **CLUTCH**. Wires include YELLOW, GRN W/WHT STRIPE, WHITE, RED, and RED.
- CLUTCH**: A component that controls the clutch, connected to the **ENGINE ADAPTER** and the **ENGINE ADAPTER HARNESS**. Wires include BLACK, BLACK, BLUE, and RED.
- GROUND**: A common ground point for the entire system, connected to the **ENGINE ADAPTER** and the **ENGINE ADAPTER HARNESS**.
- NEG POS HOURMETER**: A component that measures the engine's operating hours, connected to the **ENGINE ADAPTER** and the **ENGINE ADAPTER HARNESS**. Wires include NEG and POS.

ELECTRICAL SCHEMATIC (BRIGGS & STRATTON 35BV)

