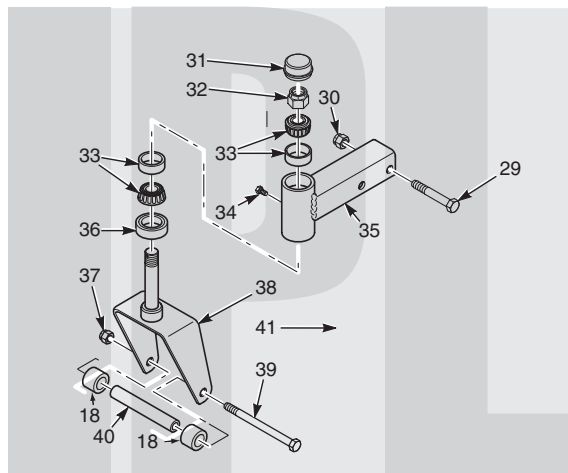


SCAG[®]

POWER EQUIPMENT



MODEL STT

ILLUSTRATED PARTS LIST

THIS MANUAL CONTAINS THE ILLUSTRATED PARTS LIST FOR MODELS:

STT52A-23KA	with a serial number of 9350001 to 9359999
STT52A-27CH	with a serial number of 9360001 to 9369999
STT61A-27CH	with a serial number of 9380001 to 9389999
STT61A-27KA	with a serial number of 9390001 to 9399999
STT61A-29KA-DFI	with a serial number of 9400001 to 9409999
STT61A-31BV	with a serial number of 9640001 to 9649999
STT-27KA	with a serial number of 9410001 to 9419999
STT-29KA-DFI	with a serial number of 9420001 to 9429999
STT-31BV	with a serial number of 9430001 to 9439999
SMT-52A	with a serial number of 9440001 to 9449999
SMT-61A	with a serial number of 9450001 to 9459999
SMST-72A	with a serial number of 9480001 to 9489999

MODEL STT

Notes



TABLE OF CONTENTS TURF TIGER

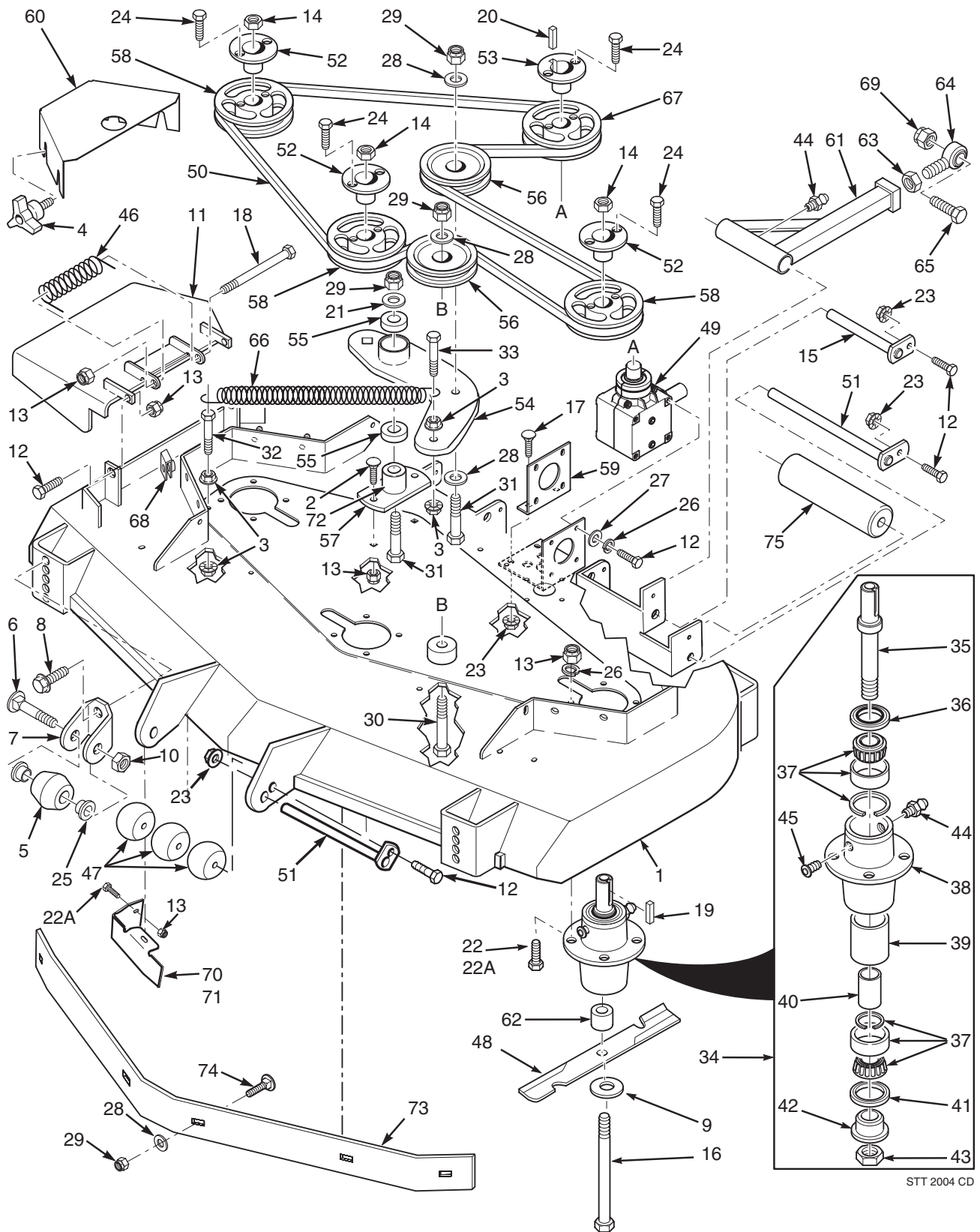
SUBJECT PAGE

Illustrated Parts List

STT52A, STT61A Cutter Deck	2-3
STT72A Cutter Deck	4-5
Cutter Deck Controls	6-7
Sheet Metal Components	8-9
Deck Drive Components	10-11
Engine and Attaching Parts (Kohler)	12-13
Engine and Attaching Parts (Kawasaki 23HP, 27HP, 29DFI & 31BV)	14-15
Brake and Steering Components	16-17
Fuel and Hydraulic System	18-19
Fuel and Hydraulic System (Kawasaki 29DFI)	20-21
Hydraulic Pump (BDP-16A)	22-23
Electrical System (Kohler & Briggs & Stratton)	24-25
Electrical System (Kawasaki 23HP & 27HP)	26-27
Electrical System (Kawasaki 29DFI)	28-29
Replacement Decals	30-31
Electrical Schematic (Kohler)	32
Electrical Schematic (Kawasaki 23HP & 27HP)	33
Electrical Schematic (Kawasaki 29DFI)	34
Electrical Schematic (Briggs & Stratton 31BV)	35



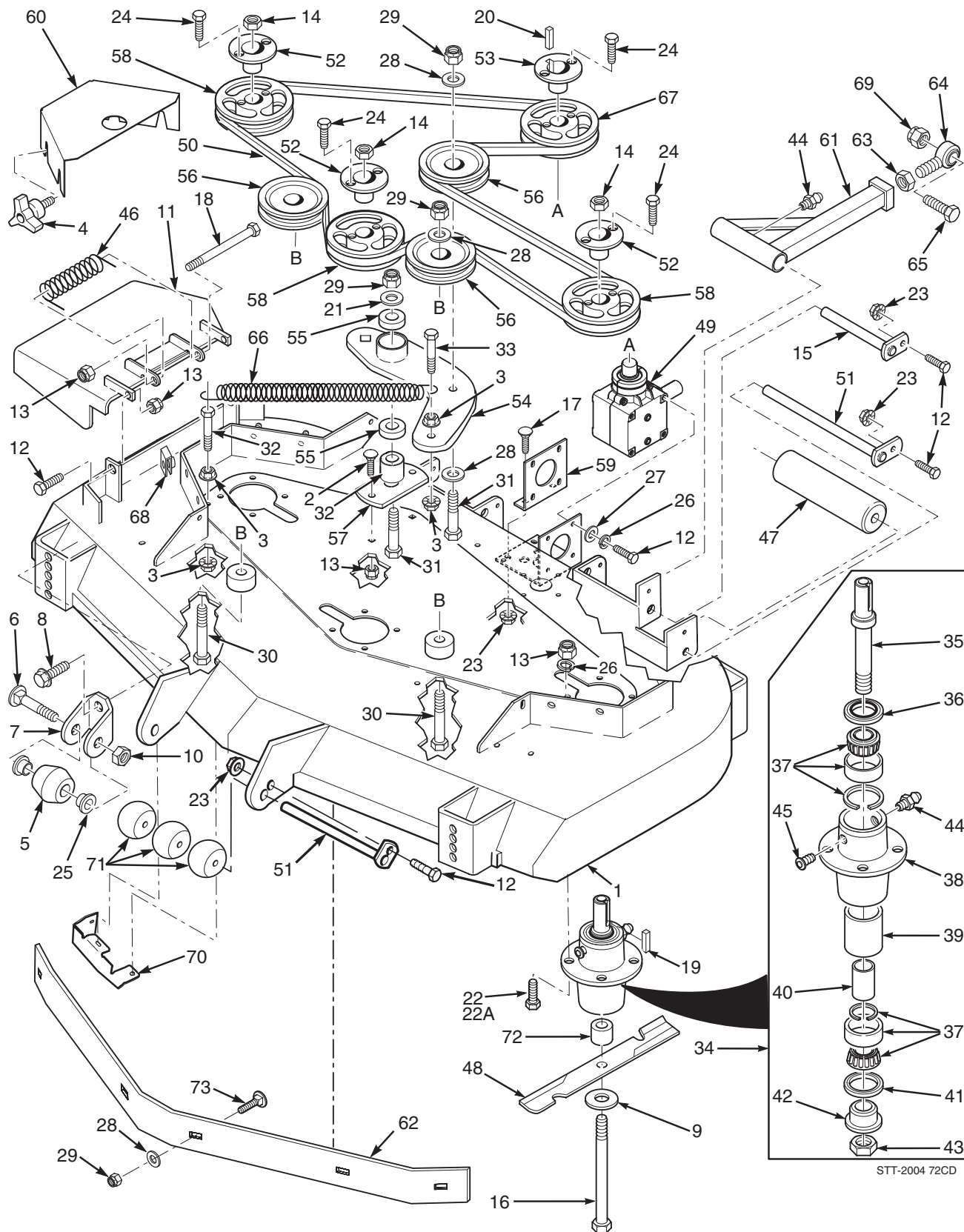
52A & 61A CUTTER DECKS



52A & 61A CUTTER DECKS

Ref. Part No. No.	Description	52 61	Ref. Part No. No.	Description	52 61
1 461652	Cutter Deck Advantage	x	41 481025	Seal, Bottom	x x
461657	Cutter Deck Advantage	x	42 43297	Spindle Bushing, Bottom	x x
2 04003-04	Bolt, Carriage 5/16-18 x 1"	x x	43 481035	Nut, Special 1 - 1/16-18	x x
3 04019-04	Nut, Hex Serrated Flange 3/8-16	x x	44 48114-04	Grease Fitting	x x
4 481625-01	Wing nut, 3/8-16	x x	45 48677	Relief Fitting, Tapered Spindle	x x
5 481632	Anti-Scalp Wheel	x x	46 482245	Spring, Discharge Chute	x x
6 04003-26	Bolt, Carriage 3/8-16 x 4"	x x	47 482295	Wheel, Anti-Scalp	x x
7 422478	Anti-Scalp Wheel Bracket	x x	48 482878	Cutter Blade, 18"	x
8 04017-27	Bolt, Hex Serrated Flange 3/8-16 x 1"	x x	482879	Cutter Blade, 21"	x
9 04043-06	Flatwasher, 5/8" Hardened	x x	482881	Cutter Blade, 21" (31BV Only)	x
10 04021-05	Locknut, 3/8-16 Center Lock	x x	49 482486	Gearbox Assembly, Deck Drive	x x
11 461295	Discharge Chute Advantage - Small	x	50 482281	Belt, Cutter Deck Drive	x
421296	Discharge Chute Advantage - Large	x	481558	Belt, Cutter Deck Drive	x
12 04001-11	Bolt, Hex Head 5/16-18 x 1-3/4" - Front	x x	51 45944	Roller Shaft	x x
04001-12	Bolt, Hex Head 5/16-18 x 1-1/2" - Rear	x x	52 48926	Tapered Hub, 1-1/8" Bore	x x
13 04021-22	Nut, Hex Elastic Stop 5/16-18 Grade 8	x x	53 48141	Tapered Hub, 1" Bore	x x
14 04020-09	Nut, 5/8-11 UNC	x x	54 461174	Idler Arm, Cutter Deck	x x
15 451240	Push Arm Shaft	x x	55 48224	Bearings, Ball	x x
16 04001-41	Bolt, Hex Head 5/8-11 x 9-1/2"	x x	56 482416	Pulley, Idler	x x
17 04003-12	Bolt, Carriage 5/16-18 x 3/4"	x x	57 422713	Base, Idler Pivot	x x
18 04001-108	Bolt, Hex Head 5/16-18 x 4-1/2"	x x	58 482744	Pulley, 5.75 O.D. (52')	x
19 04063-08	Key, 1/4 x 1/4 x 2"	x x	482745	Pulley, 6.35 O.D. (61")	x
20 04063-01	Key, 1/4 x 1/4 x 1-1/4"	x x	59 422426	Mounting Plate, Gearbox	x x
21 04043-04	Flatwasher, 3/8-.39 x .938 x .105 HD	x x	60 422412	Belt, Cover	x
22 04001-176	Bolt, Hex Head 5/16-18 x 1-3/4"	x x	422413	Belt, Cover	x
23 04019-03	Nut, Hex Serrated Flange 5/16-18	x x	461516	Pusharm (incl. items 44, 62, 63 & 64)	x x
24 04001-172	Bolt, Hex Head 1/4-20 x 1" Grade 8	x x	62 43590	Spacer, Spindle Bottom	x x
25 48100-15	Bushing, .376 I.D. Oilite	x x	63 04020-16	Nut, Hex Head 5/8-18 UNF	x x
26 04030-03	Lockwasher, 5/16"	x x	64 48763	Rod End, 5/8" Male RH Thread	x x
27 04040-15	Flatwasher, 5/16" (.375 x .875 x .083)	x x	65 04001-79	Bolt, Hex Head 5/8-11 x 4-1/2"	x x
28 04041-07	Flatwasher, 3/8" (.391 x .938 x .105)	x x	66 481597	Spring, Cutter Deck	x x
29 04021-09	Nut, Hex Elastic Stop 3/8-16	x x	67 482747	Pulley, 6.95 O.D.	x
30 04001-62	Bolt, Hex Head 3/8-16 x 3-1/4"	x x	482746	Pulley, 6.75 O.D.	x
31 04001-31	Bolt, Hex Head 3/8-16 x 2-1/2"	x x	68 04110-03	U-Nut, 3/8-16	x x
32 04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"	x x	69 04021-13	Nut, Hex Elastic Stop 5/8-11	x x
33 04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8	x x	70 423879	Discharge Baffle 52"	x
34 461663	Spindle Assembly	x x	71 423880	Discharge Baffle 61"	
35 43589	Spindle Shaft	x x	72 43503	Pivot, Idler - Short	x x
36 481024	Seal, Top	x x	73 423803	Baffle, Custom Cut 52A	x
37 481022	Bearing Assembly	x x	423792	Baffle, Custom Cut 61A	x
38 43644	Spindle Housing	x x	74 04003-23	Bolt, Carriage 3/8-16 x 1"	x x
39 43312	Spacer, Outside	x x	75 48038	Guide, Roller	x x
40 43296	Spacer, Inside	x x			

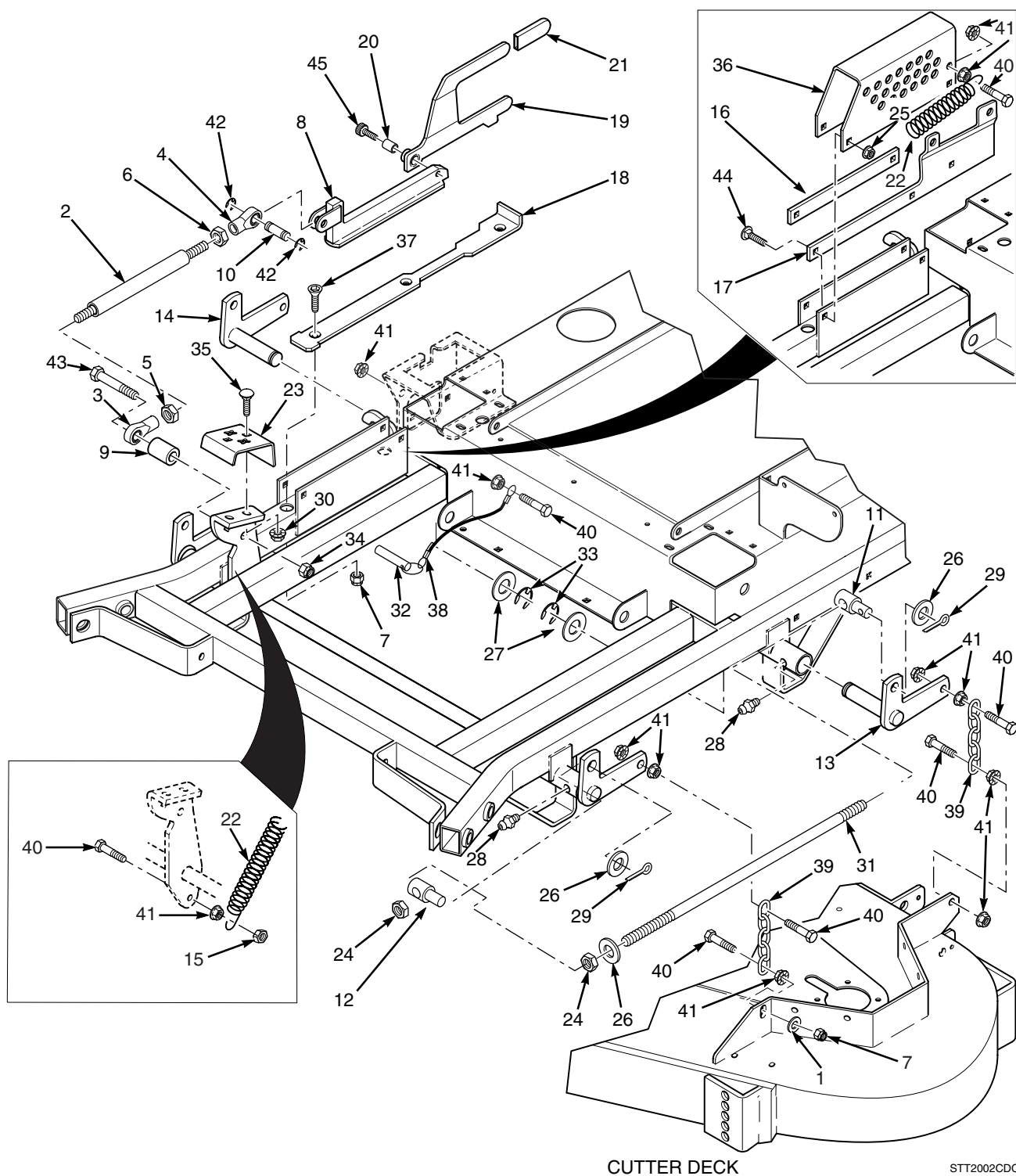
72A CUTTER DECK



72A CUTTER DECK

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1 461659	Cutter Deck, 72" Advantage (Includes Decals)	42 43297	Spindle Bushing, Bottom
2 04003-04	Bolt, Carriage 5/16-18 x 1"	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, 61" & 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 461174	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 482416	Pulley, Idler
15 451240	Push Arm Shaft	57 422713	Base, Idler Pivot
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, 62, 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 423881	Discharge Baffle 72"
30 04001-62	Bolt, Hex Head 3/8-16 x 3.25"	71 482295	Wheel, Anti-Scalp
31 04001-31	Bolt, Hex Head 3/8-16 x 2.50"	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		
34 461663	Spindle Assembly		
35 43589	Spindle Shaft		
36 481024	Seal, Top		
37 481022	Bearing Assembly		
38 43644	Spindle Housing		
39 43312	Spacer, Outside		
40 43296	Spacer, Inside		
41 481025	Seal, Bottom		

CUTTER DECK CONTROLS

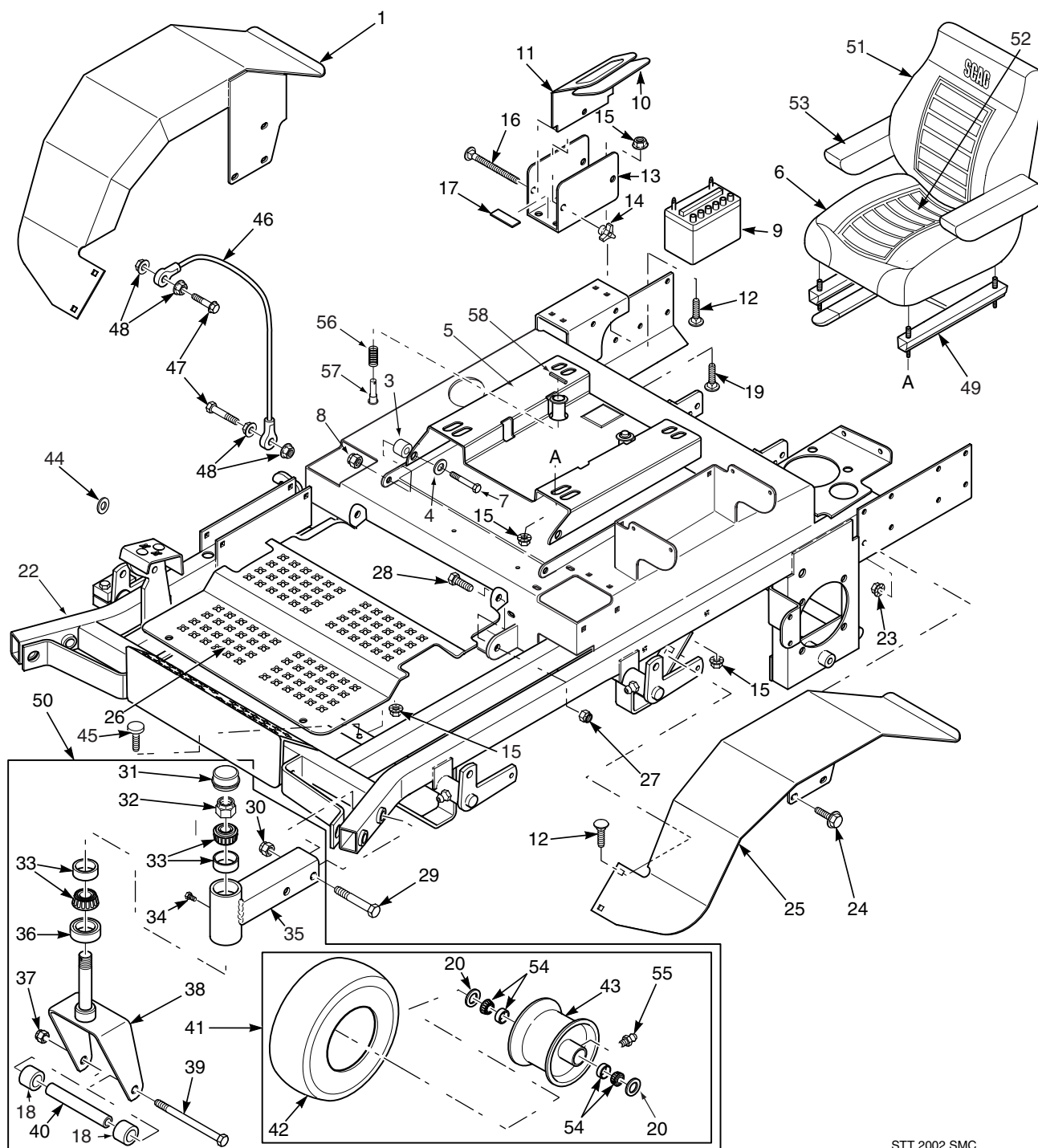


STT2002CDC

CUTTER DECK CONTROLS

Ref. No.	Part No.	Description
1	04041-07	Flatwasher, 3/8"
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	422451	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	04021-10	Nut, Hex Elastic Stop 5/16-18
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	04003-11	Bolt, Carriage 3/8-16 x 1-1/4"
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

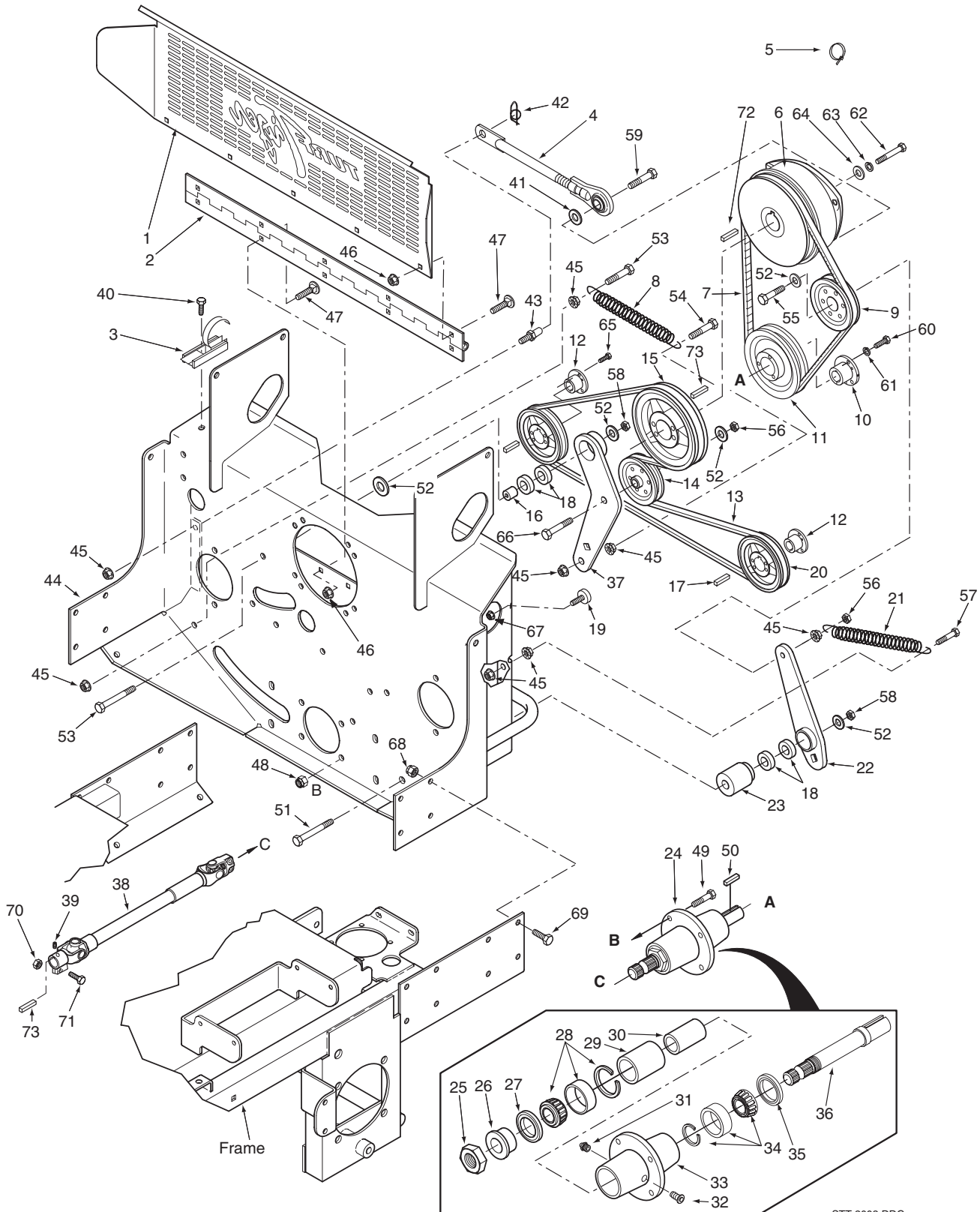


STT 2002 SMC

SHEET METAL COMPONENTS

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	451481	Fender Weldment, RH	37	04021-07	Nut, Hex Elastic Stop 1/2-13
2	04001-09	Bolt, Hex Head, 5/16-18 x 1, Zinc	38	45934	Yoke Weldment, Caster (52A)
3	43606	Spacer		451416	Yoke Weldment, Caster (61A & 72A)
4	04041-07	Flatwasher, 3/8-.391 x .938 x .105	39	04001-134	Bolt, Hex Head 1/2-13 x 7-1/2" (52A)
5	451448	Seat Plate Weldment		04001-167	Bolt, Hex Head 1/2-13 x 9-1/2" (61A & 72A)
6	482597	Seat Assembly w/armrest	40	43581	Sleeve, Caster Wheel (52A)
7	04001-45	Bolt, Hex Head 3/8-16 x 2.0"		43583	Sleeve, Caster Wheel (61A, 72A)
8	04021-09	Nut, Elastic Stop 3/8-16	41	482503	Wheel Assy, 52A (Inc.items 20, 42, 43, 54, 55)
9	48015	Battery		482504	Wheel Assy, 61A, 72A (Inc.items 20, 42, 43, 54, 55)
10	48903	Pad, Battery Cover			
11	421274	Cover, Battery	42	481613	Tire, 13 x 5.00 4-Ply (52A)
12	04003-12	Bolt, Carriage 5/16-18 x 3/4"		482619	Tire, 13 x 6.50 4-Ply (61A, 72A)
13	423308	Plate, Battery Box	43	482625	Rim Assembly, 52A (Includes item 55)
14	04029-01	Wing Nut, 1/4-20 x 3/4"		482620	Rim Assembly, 61A & 72A (Inc. item 55)
15	04019-03	Nut, Hex Serrated Flange 5/16-18	44	04041-07	Flatwasher, 3/8-.391 x .938 x .105
16	04003-01	Bolt, Carriage 1/4-20 x 6"	45	481284	Bumper, Rubber
17	48661	Rubber Pad	46	48566	Cable, Seat Stop
18	43584	Spacer, Caster Wheel	47	04001-59	Bolt, Hex Head 1/4-20 x 1-1/4"
19	04003-04	Bolt, Carriage 5/16-18 x 1"	48	04019-02	Nut, Hex Serrated Flange 1/4-20
20	482622	Seal	49	482502	Seat Adjustment, Track Set
21	04021-09	Lock Nut, 3/8-16, Elast. Stop	50	461453	Caster Wheel Assy (Inc. 31 thru 43)
22	461702	Main Frame			52A (RH)
23	04019-04	Nut, Hex Serrated Flange 3/8-16		461446	Caster Wheel Assy (Inc. 31 thru 43)
24	04017-27	Screw, Hex Serrated Flange 3/8-16 x 1"			52A (LH)
25	451480	Fender Weldment, LH		461447	Caster Wheel Assy (Inc. 31 thru 43)
26	423489	Foot Plate			61A (LH)
27	04021-09	Nut, Hex Elastic Stop 3/8-16		461448	Caster Wheel Assy (Inc. 31 thru 43)
28	04001-19	Bolt, Hex Head 3/8-16 x 1"			61A (RH)
29	04001-125	Bolt, Hex Head 5/8-11 x 4"		461449	Caster Wheel Assy (Inc. 31 thru 43)
30	04021-13	Nut, Hex Elastic Stop 5/8-11			72A (LH)
31	481559	Cap, Grease		461450	Caster Wheel Assy (Inc. 31 thru 43)
32	04021-20	Nut, Hex Elastic Stop 1.0-14			72A (RH)
33	481657	Bearing W/Race	51	482614	Back Cushion Cover
34	482028-01	Plug, 1/4-28 THD Form	52	482615	Seat Cushion Cover
35	451449	Extention Weldment, Caster 52A (LH)	53	482618	Arm Rest, Right Hand
	451450	Extention Weldment, Caster 52A (RH) & 61A (LH)		482617	Arm Rest, Left Hand
	451451	Extention Weldment, Caster 61A (RH)		482616	Arm Rest Cover
	451452	Extention Weldment, Caster 72A (LH)	54	482621	Bearing w/ Race
	451453	Extention Weldment, Caster 72A (RH)	55	48114-07	Grease Fitting
36	481025	Seal, 2.00 OD. x 1.625 Bore	56	481389	Spring, Seat
			57	43462	Pin Retainer, Spring
			58	04060-01	Roll Pin, Spring 5/32 x 3/4"

DECK DRIVE COMPONENTS

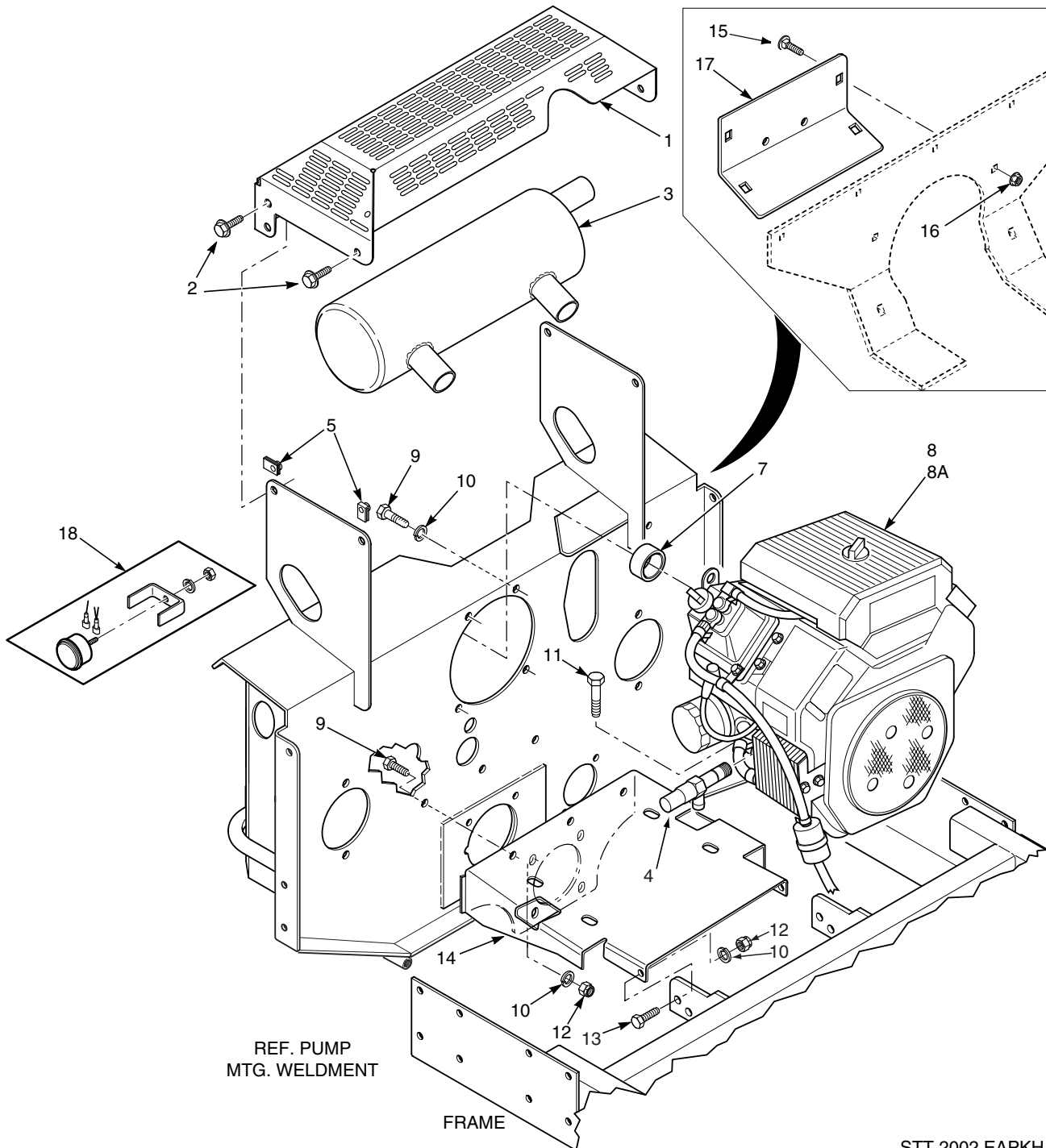


STT 2003 DDC

DECK DRIVE COMPONENTS

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1 423925	Belt Guard, Rear	41 04041-07	Flatwasher, 3/8-.391 x .938 x .105
2 481531	Hinge, Belt Guard	42 04069-01	Pin, Rue Cotter 3/8 Dia.
3 481309	Latch, Hood	43 43507	Stud, Anti Rotation
4 482554	Rod Assembly, Clutch Anti-Rotation	44 451573	Pump Mounting Plate Weldment (Air Cooled)
5 48030-09	Clamp, Cable	45 451574	Pump Mounting Plate Weldment (Liquid Cooled)
6 461661	Clutch, Ogura GT-3.5	45 04019-04	Nut, Serrated Flange 3/8-16
7 482876	Belt, Deck Drive	46 04019-02	Nut, Serrated Flange 1/4-20
8 482658	Spring, Transmission Idler	47 04003-07	Bolt, Carriage 1/4-20 x 1/2"
9 48181	Pulley, Idler 5" Dia.	48 04021-22	Nut, Elastic Stop 5/16-18 Grade 8
10 481536	Tapered Hub, 1" Bore	49 04001-176	Bolt, Hex Head 5/16-18 x 1-3/4" Grade 8
11 482875	Pulley, 6.70 Tapered Bore	50 04063-06	Key, 1/4 x 1/4 x 1-1/2"
12 481884	Tapered Hub, 17mm Bore	51 04001-171	Bolt, Hex Head 3/8-16 x 4-1/2" Grade 8 Black
13 482873	Belt, Pump Drive STT	52 04043-04	Washer, 3/8 Hardened
14 482655	Pulley, Idler 4" Dia.	53 04001-135	Bolt, Hex Head 3/8-16 x 1-3/4" Grade 8 Black
15 482872	Pulley, 4.25 Dia. - 1.125 Bore	54 04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8 Black
16 43631	Spacer, Idler Bearing	55 04001-170	Bolt, Hex Head 3/8-16 x 2-1/2" 1.5 Thread Grd.8
17 04063-14	Key, 5.0 x 5.0 x 25mm	56 04021-05	Nut, Center Lock 3/8-16
18 48224	Ball Bearing	57 04001-136	Bolt, Hex Head 3/8-16 x 1-1/2" Grade 8 Black
19 481284	Bumper, Rubber	58 04021-09	Nut, Elastic Stop 3/8-16
20 482752	Pulley, 6.25 OD Tapered Bore	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		
36 43534	Shaft, Deck Drive		
37 461608	Idler Arm Weldment, Pump Drive		
38 482424	Driveshaft (Air Cooled Engine)		
482438	Driveshaft (Liquid Cooled Engine)		
39 04012-08	Set Screw, 3/8-16 x 3/4" Torx Socket		
40 04011-11	Screw, #10-32 x .56		

ENGINE AND ATTACHING PARTS - KOHLER

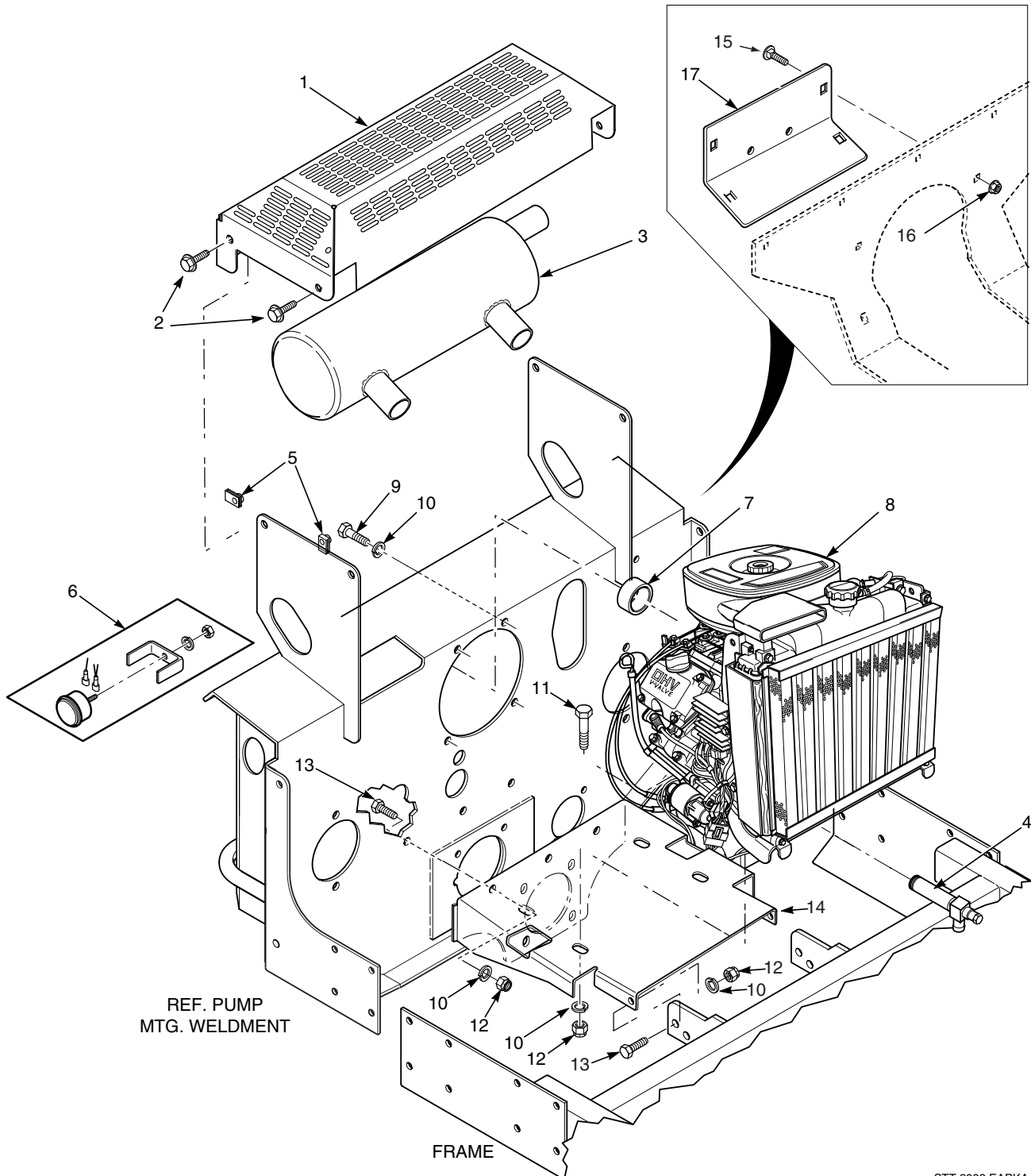


STT 2002 EAPKH

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	481584	Exhaust Elbow
7	43603	Spacer, Engine (Kohler)
8	482680	Engine, Kohler 25 CH (Available only through Kohler, Eng. Spec. PS-CH730-0066)
8A	482681	Engine, Kohler 27 CH (Available only through Kohler, Eng. Spec. PS-CH740-0021)
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
17	423550	Rear Cover
18	48023	Hour Meter

ENGINE & ATTACHING PARTS - 23HP, 27HP, 29HP-DFI KA & 31BV

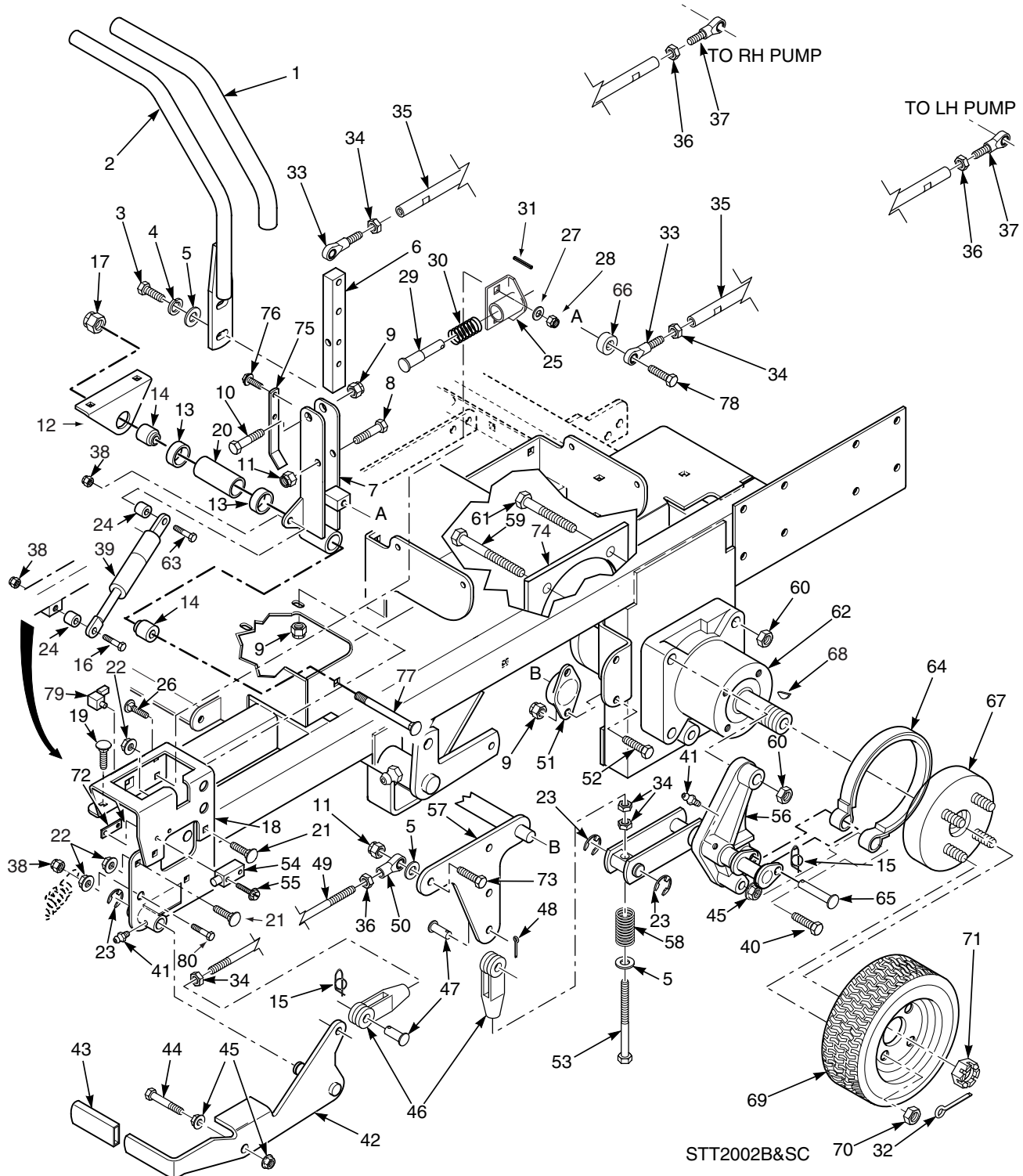


STT 2002 EAPKA

ENGINE & ATTACHING PARTS - 23HP, 27HP, 29HP-DFI KA & 31BV

Ref. No.	Part No.	Description
1	451378	Muffler Guard (Kawasaki)
	422593	Muffler Guard (31BV Briggs & Stratton)
2	04017-05	Screw, Hex Serrated Flange 1/4-20 x 3/4"
3	482699	Muffler (Kawasaki)
	482860	Muffler (31BV Briggs & Stratton)
4	482351	Extension, Oil Drain
5	04110-01	U-Nut, 1/4-20
6	48023	Hour Meter
7	43603	Spacer, Engine (Kawasaki)
8	482808	Engine, Kawasaki 23KA (Available only through Kawasaki)
	482809	Engine, Kawasaki 27KA (Available only through Kawasaki)
	482810	Engine, Kawasaki 29KA-DFI (Available only through Kawasaki)
	482801	Engine, Briggs & Stratton 31HP V-Twin Air 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	423550	Rear Cover
18	451421	Screen Weldment, Radiator (Kawasaki Only)

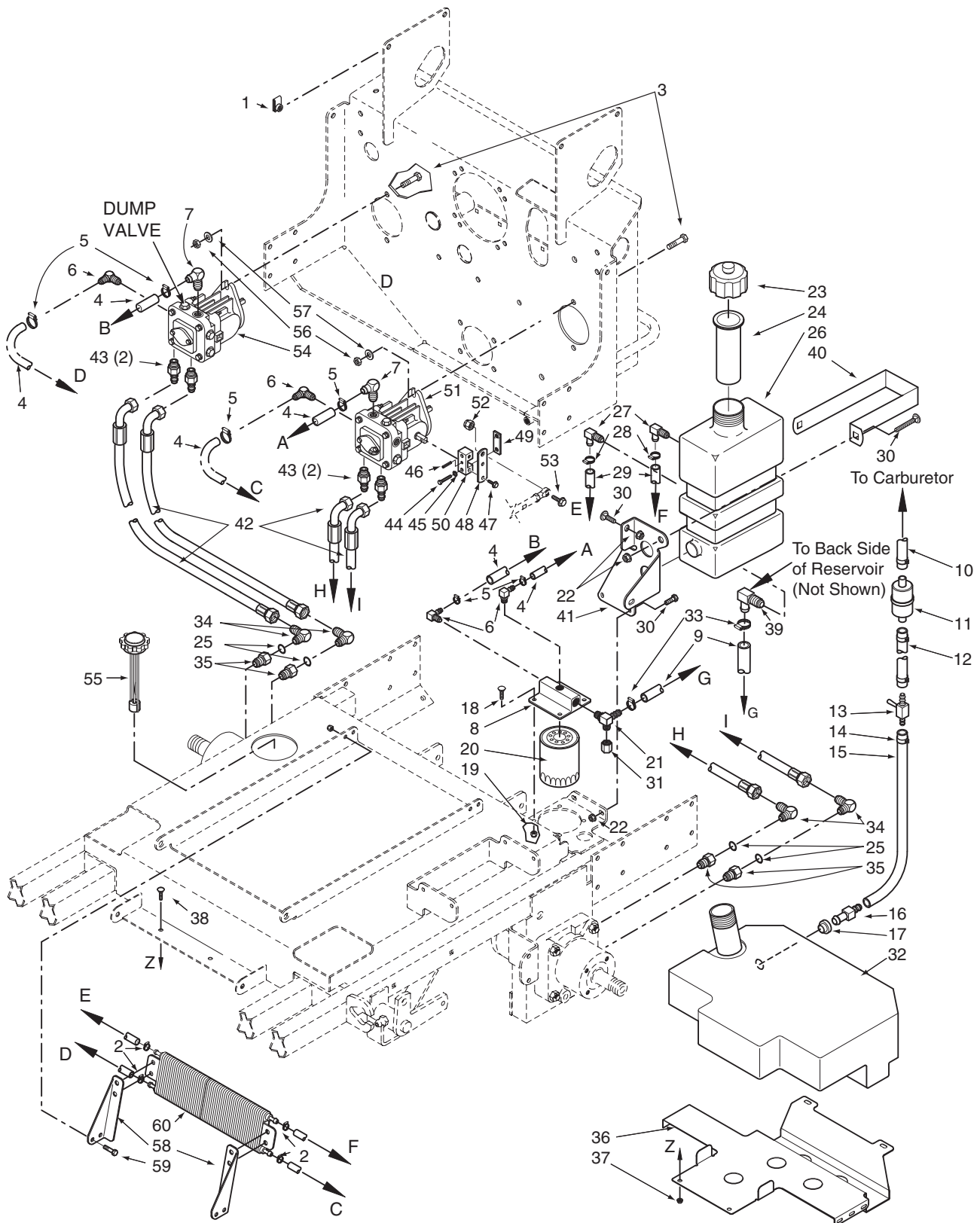
BRAKE AND STEERING COMPONENTS



BRAKE AND STEERING COMPONENTS

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1 482340	Grip, Handle Bar	43 481548	Grip, Parking Brake
2 461386	Handle Bar (Includes item 1)	44 04001-22	Bolt, Hex Head 3/8-16 x 2-3/4"
3 04001-32	Bolt, Hex Head 3/8-16 x 1-1/4"	45 04019-04	Nut, Hex Serrated Flange 3/8-16
4 04030-04	Lockwasher, 3/8"	46 48343-04	Clevis, Traction Control
5 04041-07	Flatwasher, 3/8" (.391 x .938 x .105)	47 04064-02	Pin, Clevis 3/8-16 x 1-1/16"
6 422372	Bar, Control Lever	48 04061-02	Pin, Cotter 3/32 x .75
7 451483	Control Lever Weldment, LH	49 04004-34	Rod, Parking Brake
451484	Control Lever Weldment, RH	50 48544	Rod End, LH Thread
8 04001-17	Bolt, Hex Head 5/16-18 x 2"	51 48796	Bushing, Self Align
9 04021-10	Nut, Hex Elastic Stop 5/16-18	52 04001-08	Bolt, Hex Head 5/16-18 x 3/4"
10 04001-45	Bolt, Hex Head 3/8-16 x 2"	53 04001-147	Bolt, Hex Hd 3/8-24 x 5-1/4", 23/4" Thrd
11 04021-09	Nut, Hex Elastic Stop	54 481637	Switch
12 423488	Mount, Control Linkage	55 04010-12	Screw, Hex SLTD WSHR Head #10 32 x 3/4"
13 48224	Ball Bearings, Neutral Return	56 461471	Brake Linkage, LH
14 43607	Spacer	461472	Brake Linkage, RH
15 04069-01	Pin, Rue Cotter 3/8 Dia.	57 45953	Bellcrank, Brake Actuator
16 04001-13	Bolt, Hex Head, 5/16-18 x 2.75 Zinc.	58 48807	Spring
17 04021-13	Nut, Hex Elastic Stop 5/8-11	59 04001-163	Bolt, Hex Head 1/2-13 x 3-3/4"
18 461601	Bracket, Control Lever LH	60 04021-19	Locknut, Hex 1/2-13 Center Lock
461602	Bracket, Control Lever RH	61 04001-52	Bolt, Hex Head 1/2-13 x 2-1/2"
19 04003-04	Bolt, Carriage 5/16-18 x 1"	62 482639	Wheel Motor, Ross
20 43600	Spacer, Bearing	63 04001-12	Bolt, Hex Head, 5/16-18 x 1.75, Zinc
21 04003-12	Bolt, Carriage 5/16-18 x 3/4"	64 481601	Brake Band Assembly
22 04019-03	Nut, Hex Serrated Flange 5/16-18	65 04064-16	Pin, Clevis 3/8" Dia. x 1.93"
23 04050-01	Ring, Retaining 5/8" External "E"	66 43063	Spacer
24 43602	Spacer	67 461438	Wheel Hub/Brake Drum Assembly
25 45918	Bracket, Neutral Return	68 04063-25	Key, Woodruff 5/16 x 1"
26 04003-02	Bolt, Carriage 1/4-20 x 3/4"	69 481552	Wheel Assembly 23 x 10.5-12 (52" Only)
27 04040-14	Flatwasher, 1/4" (.312 x .750 x .065)	481659	Rim W/Valve Stem (52" Only)
28 04021-08	Nut, Hex Elastic Stop 1/4-20	481660	Tire, 23 x 10.5-12 (52" Only)
29 43477	Pin, Retaining Spring	481850	Wheel Assembly 24 x 12-12 Turf Master
30 481389	Spring	481851	Rim W/Valve Stem
31 04060-01	Roll Pin, Spring 5/32 x 3/4"	481852	Tire, 24 x 12-12 Turf Master
32 04061-06	Pin, Cotter 9/16 x 1-1/2"	70 04028-02	Lug Nut, 1/2-20
33 482586	Rod End, Male 3/8-24 RH Thread	71 48680	Nut, Hex Castle
34 04020-25	Nut, 3/8-24 RH Thread	72 422373	Threaded Plate
35 43629	Tube, Control Link Air Cooled Engine	73 04001-20	Bolt, Hex Head 3/8-16 x 1-1/2"
43624	Tube, Control Link Liquid Cooled Engine	74 423279	Plate Weldment, Motor Backing
36 04020-26	Nut, Hex 3/8-24 LH Thread	75 423491	Actuator Switch
37 482585	Rod End, Male 3/8-24 LH Thread	76 04017-16	Bolt, Hex Serrated Flange 5/16-18 x 3/4"
38 04021-10	Locknut, 5/16-18, Elastic Stop	77 04003-36	Bolt, Carriage 3/8-16 x 4-3/4"
39 482794	Gas Damper	78 04001-19	Bolt, Hex Head 3/8-16 x 1"
40 04001-31	Bolt, Hex Head 3/8-16 x 2-1/2"	79 481638	Switch
41 48114-04	Grease Fitting	80 04001-168	Bolt, Hex Head 3/8-16 x 1-1/4" Grade 8
42 461082	Lever, Parking Brake (Includes item 43)		

FUEL AND HYDRAULIC SYSTEM



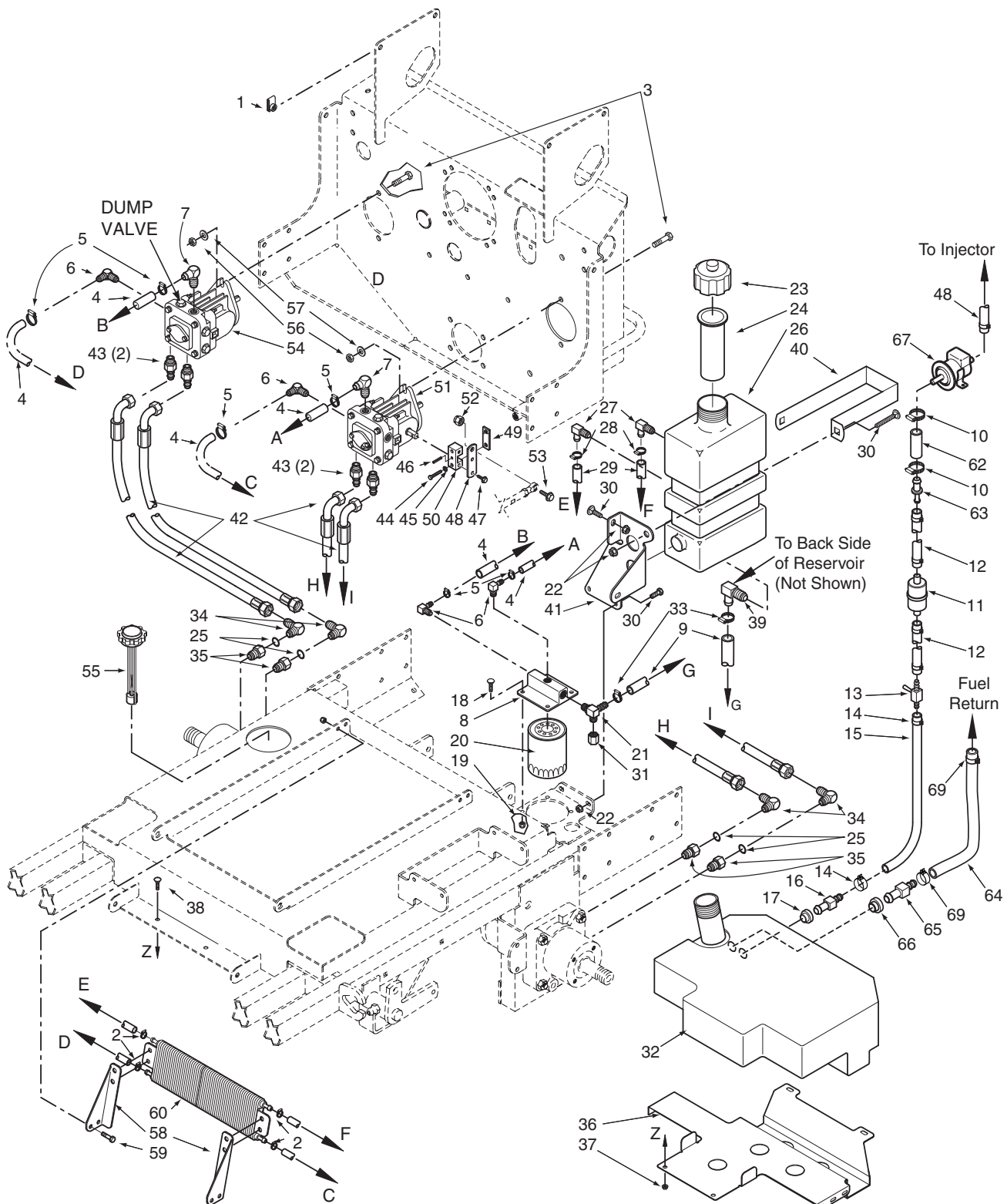
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FUEL AND HYDRAULIC SYSTEM

Ref. Part No. No.	Description	Ref. Part No. No.	Description
1	04110-01 U-Nut 1/4-20	34	48350-05 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	48568 Valve, Shutoff Kohler	45	04030-02 Lockwasher, 1/4" Spring
	481753 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	48058 Fuel Hose, 1/4" ID. (order by inch)	48	48136-13 Clamp, .69 Dia.
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	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	482696 Pump, Right Hand, BDP 16A-307
22	04021-08 Nut, Hex Elastic Stop 1/4-20	55	482497 Cap, Fuel Tank W/Guage
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.		
29	48811 Hose, 3/8" ID, Pushlock (order by inch)		
30	04010-10 Screw, Phillips Head, 1/4-20		
31	48571-02 Cap		
32	461445 Fuel Tank Assembly (includes items 23 & 24)		
33	48136-05 Clamp, Hose		

** Available through the individual engine manufacturer.

FUEL AND HYDRAULIC SYSTEM - KAWASAKI 29DFI



Section 8

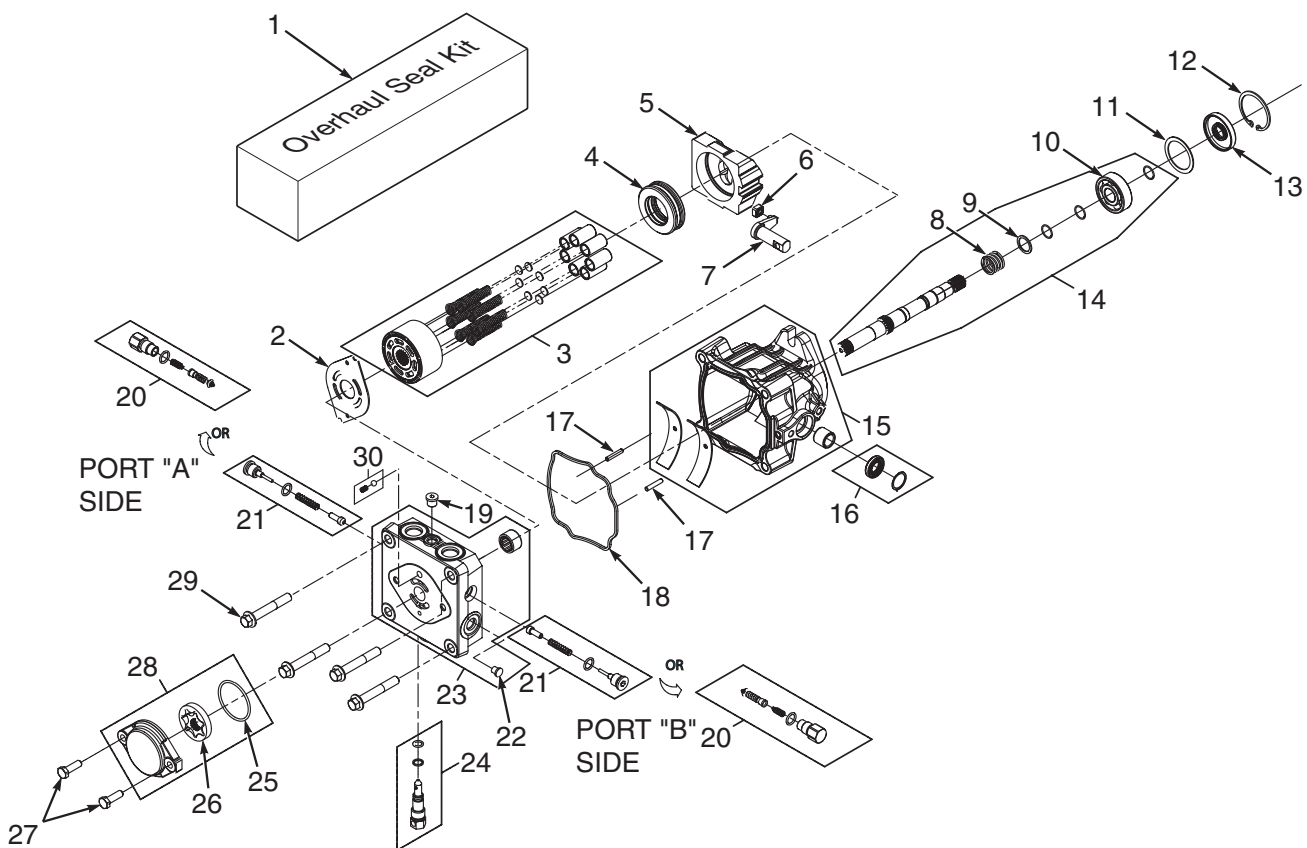


FUEL AND HYDRAULIC SYSTEM - KAWASAKI 29DFI

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	482695 Pump, Left Hand, BDP-16A-410
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	482696 Pump, Right Hand, BDP 16A-307
22	04021-08 Nut, Hex Elastic Stop 1/4-20	55	482497 Cap, Fuel Tank W/Guage
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	48350-05 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.

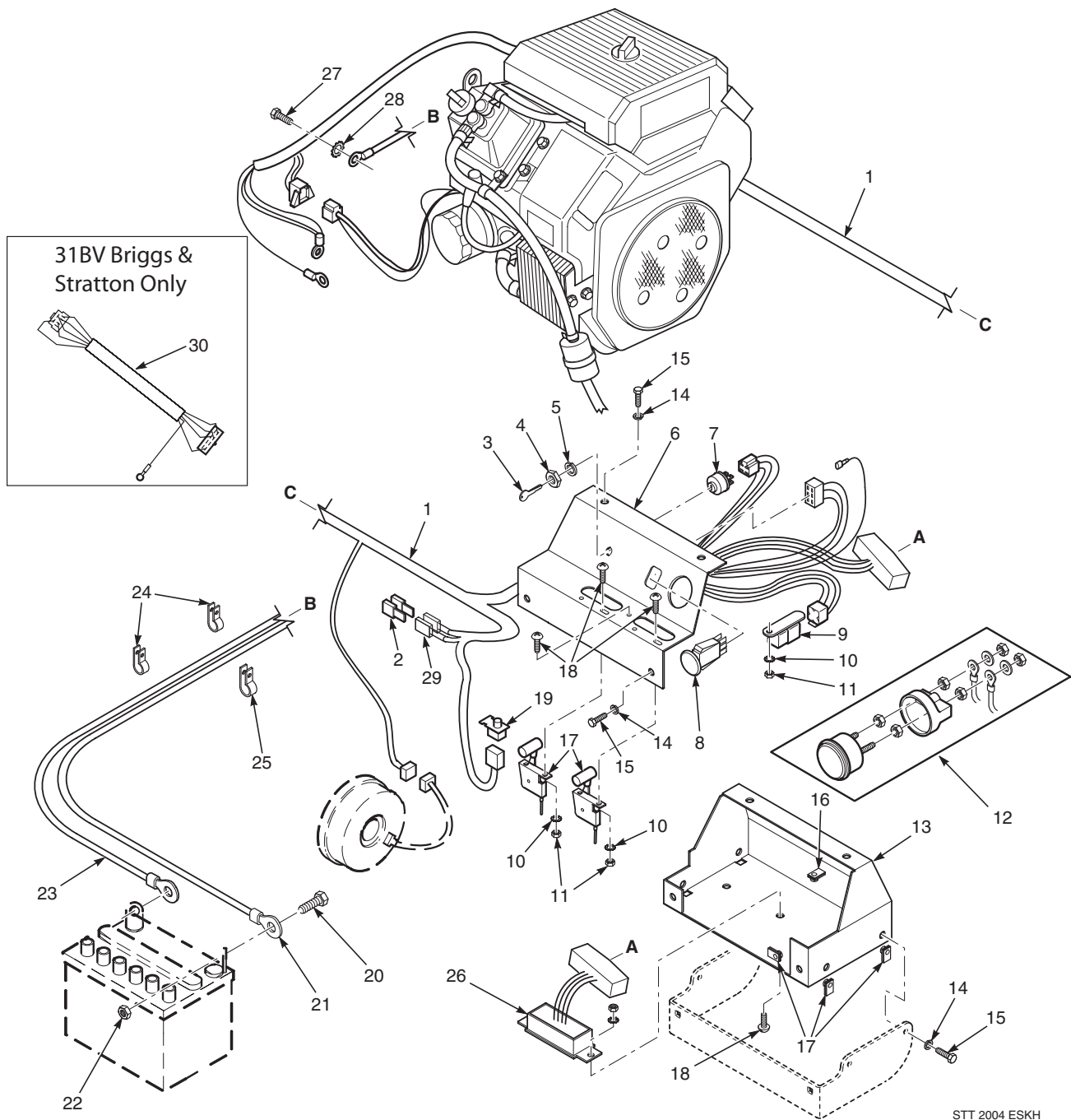
BDP-16A HYDRAULIC PUMP ASSEMBLY



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

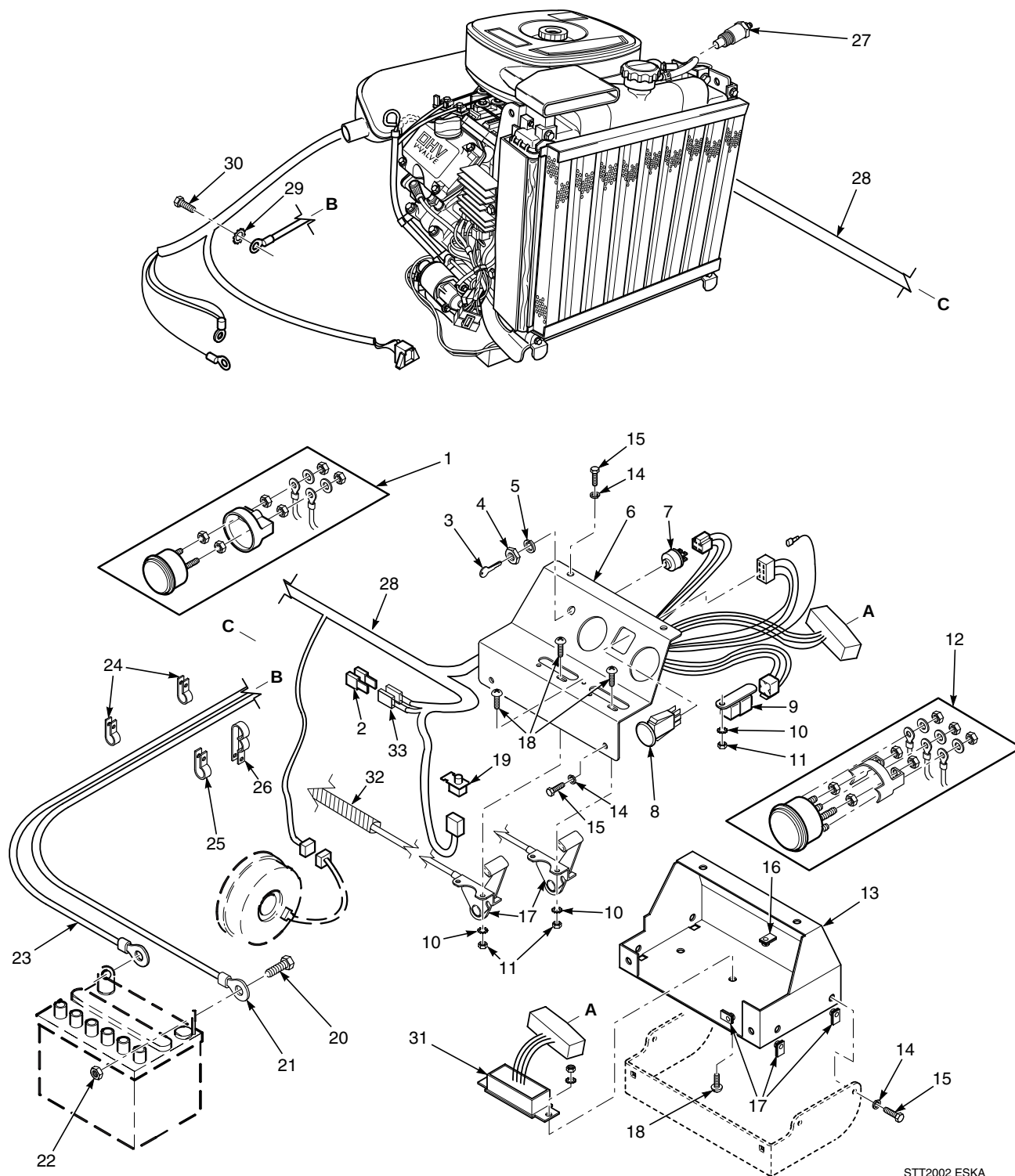
ELECTRICAL SYSTEM (KOHLER & BRIGGS & STRATTON)



ELECTRICAL SYSTEM (KOHLE & BRIGGS & STRATTON)

Ref. No.	Part No.	Description
1	482656	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	461631	Instrument Panel, Top w/Decals
7	48798	Key Switch
8	481687	Switch, PTO
9	48788	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 (31BV 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	48030-10	Clamp, Cable 3/4" ID.
26	482313	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 31BV (Briggs & Stratton Only)

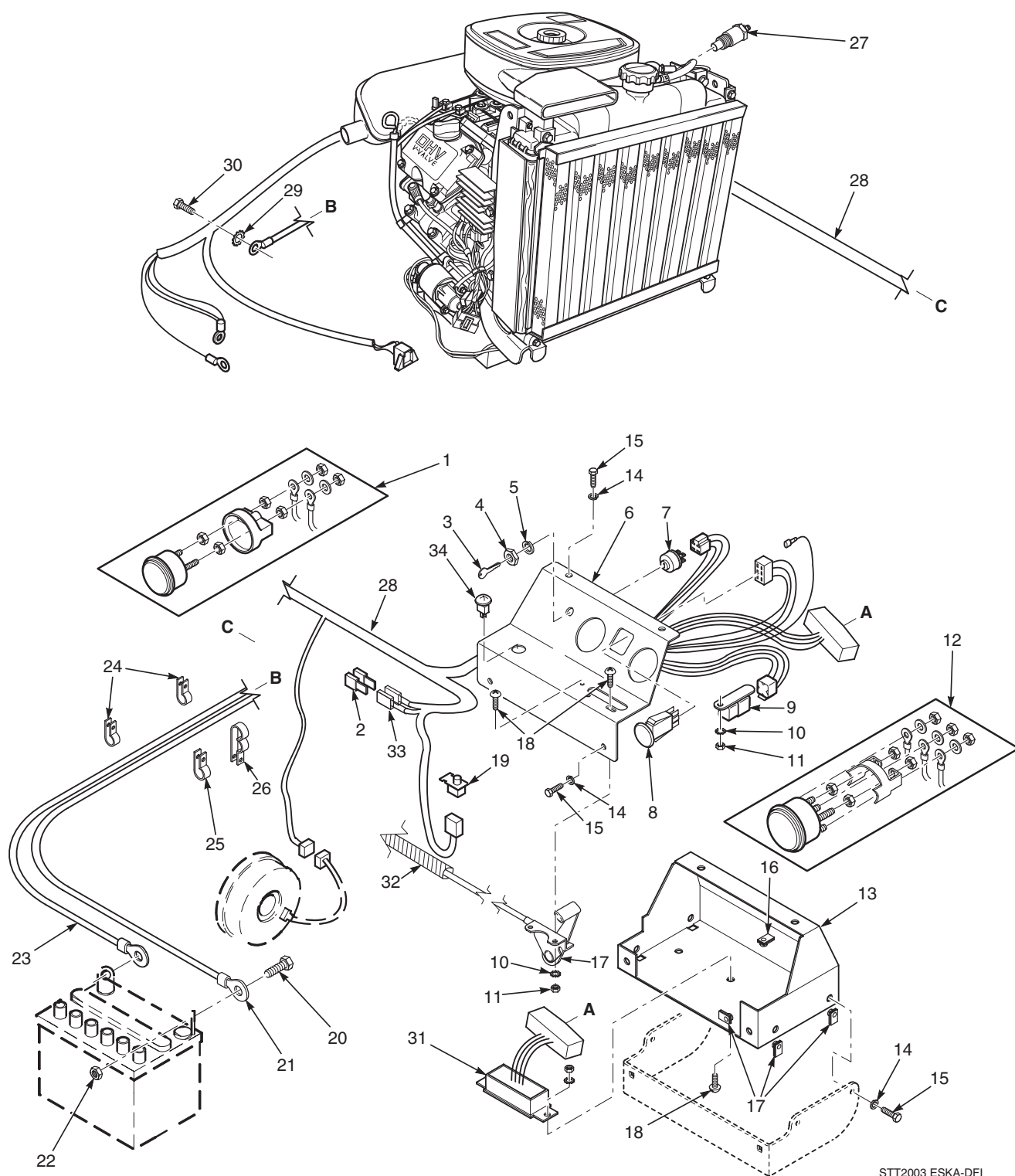
ELECTRICAL SYSTEM (23HP & 27HP KAWASAKI)



ELECTRICAL SYSTEM (23HP & 27HP 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	461631	Instrument Panel, Top w/Decals
7	48798	Key Switch
8	481687	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 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
22	04020-02	Nut, Hex 1/4-20
23	48029-11	Cable, Battery - Black
24	48030-09	Clamp, Cable 1/2" ID.
25	48030-10	Clamp, Cable 3/4" ID.
26	48030-11	Clamp, Cable
27	481670	Sending Unit, Water Temp.
28	482657	Wire Harness, STT Liquid Cooled
29	04031-03	Lockwasher, 5/16" External Tooth
30	04002-12	Bolt, Hex Head M8-1.25 x 20
31	482313	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

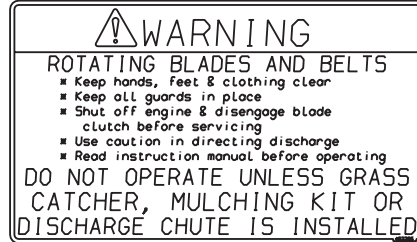
ELECTRICAL SYSTEM (29HP-DFI KAWASAKI)

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	461631	Instrument Panel, Top w/Decals
7	48798	Key Switch
8	481687	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	48030-10	Clamp, Cable 3/4" ID.
26	48030-11	Clamp, Cable
27	481670	Sending Unit, Water Temp.
28	482795	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	482313	Electronic Module
32	481945-01	Heatshield, Flexible
33	48430	Fuse Holder w/Fuse and Connector
34	481182	Indicator Light, Check Engine

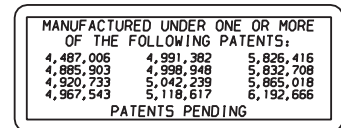
REPLACEMENT DECALS AND INFORMATION PLATES



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2



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4



3



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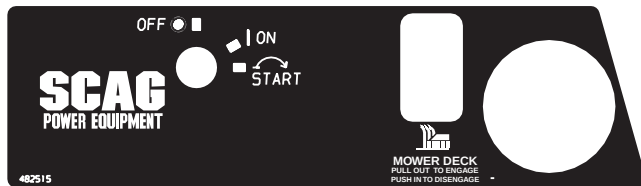
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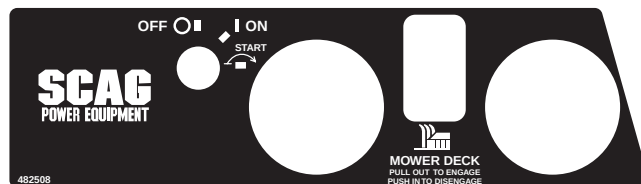
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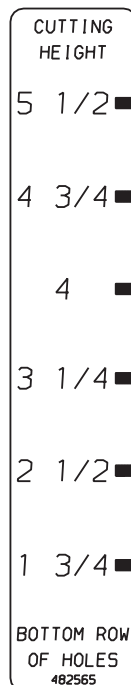
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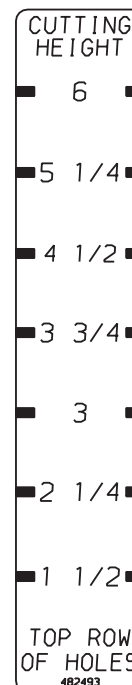
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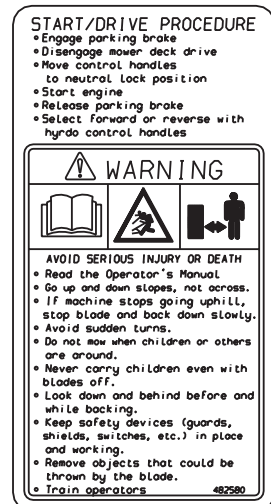
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REPLACEMENT DECALS AND INFORMATION PLATES

Ref. No.	Part No.	Description
1	482285	Decal, Danger-Spinning Blades
2	482286	Decal, Warning-Rotating Blades
3	481954	Decal, 52 Advantage
	481955	Decal, 61 Advantage
	481956	Decal, 72 Advantage
4	482290	Decal, Fuel Tank
5	48656	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	482507	Decal, Instrument Panel-Lower
13	482565	Decal, Cutting Height - Lower
14	482580	Decal, Start/Drive Procedure
15	482710	Decal, Seat Support
16	482577	Decal, Turf Tiger
17	481570	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	482796	Decal, Instrument Panel - Lower (Kawasaki 29HP-DFI only)
24	482834	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

Seabox 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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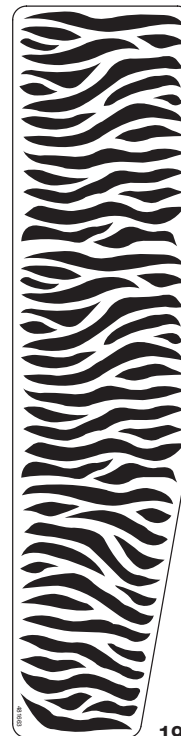
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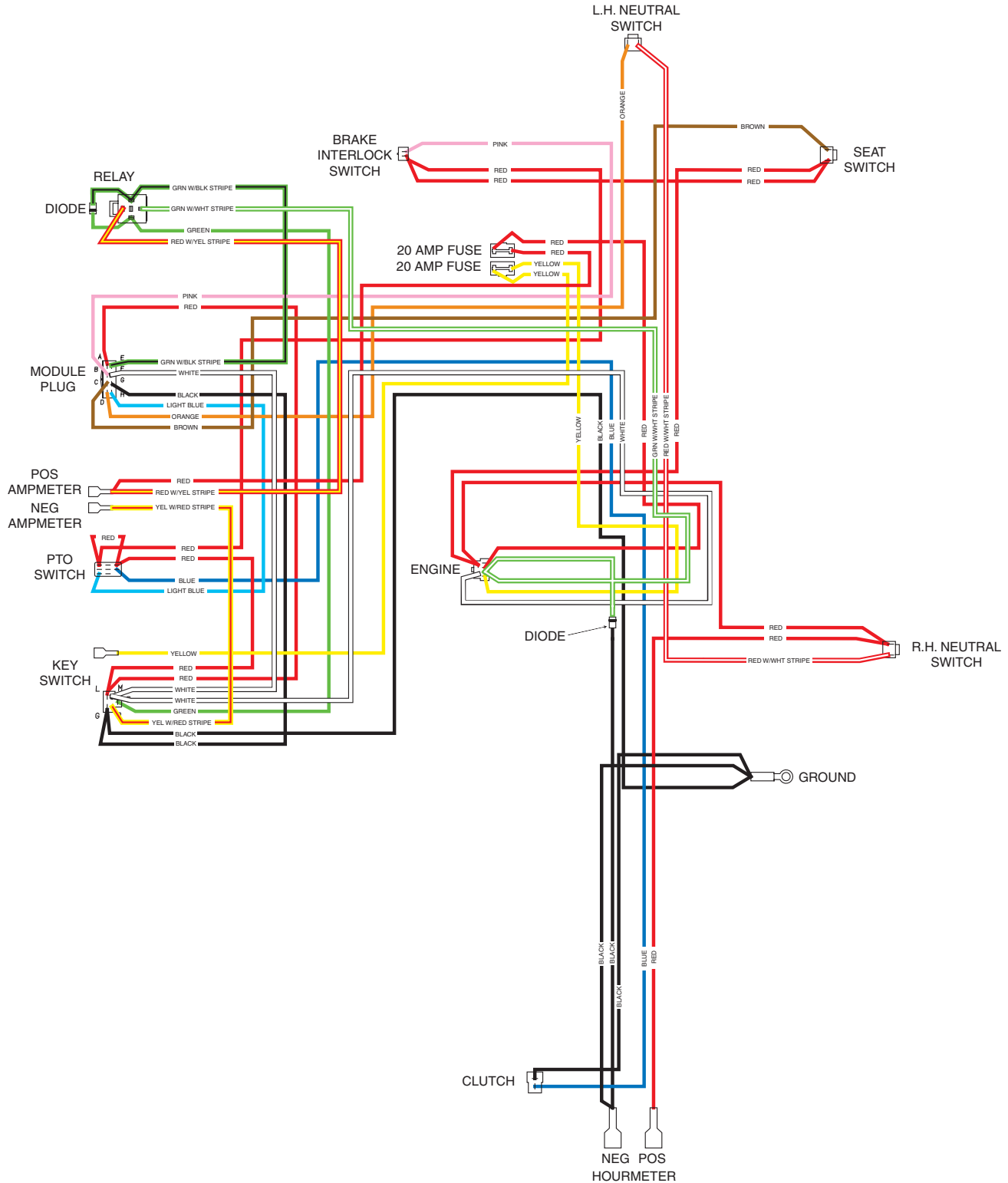


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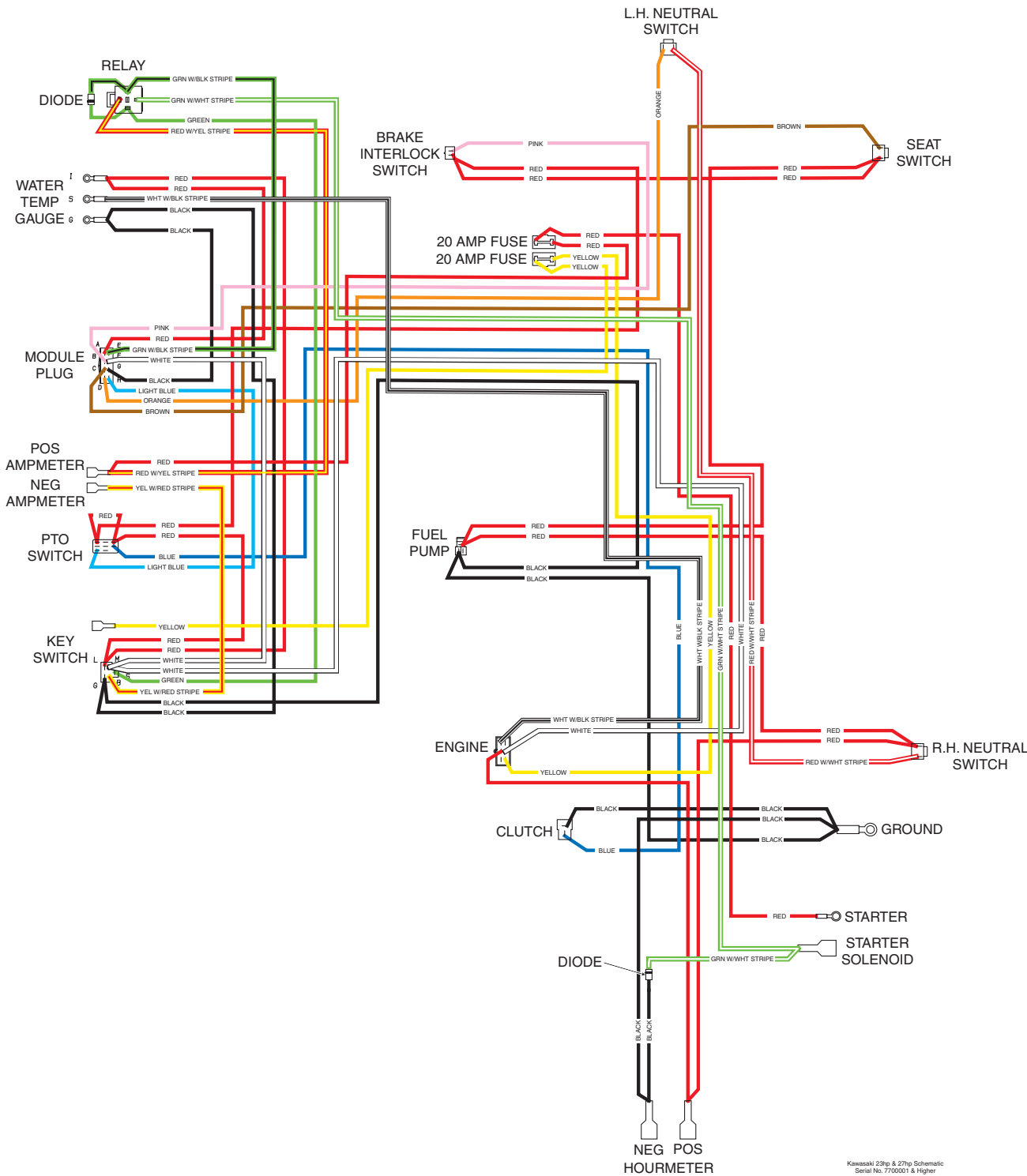
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STT ELECTRICAL SCHEMATIC (KOHLER)

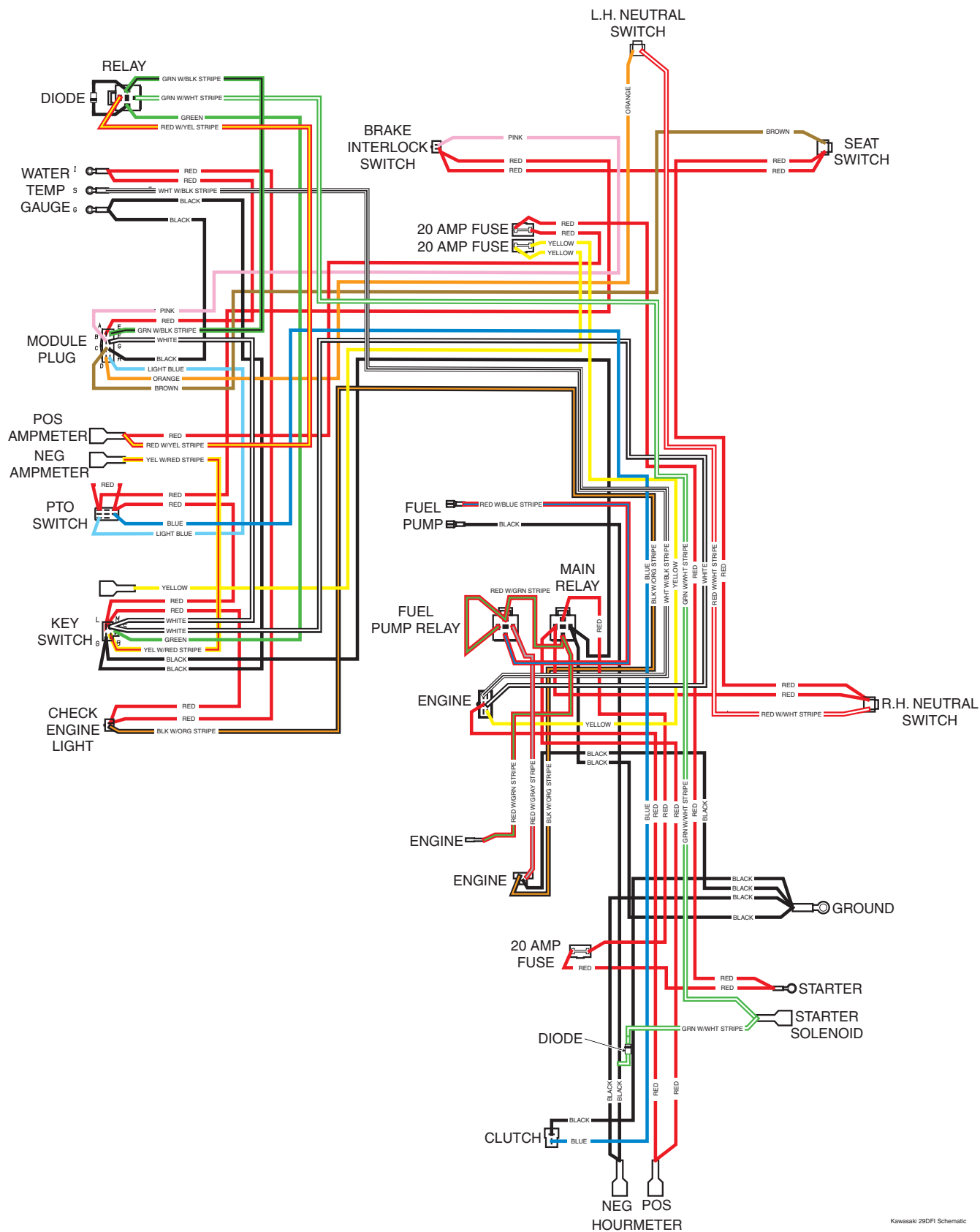


Kohler STT Schematic
Serial No. 7700001 & Higher

STT ELECTRICAL SCHEMATIC (23HP & 27HP KAWASAKI)



ELECTRICAL SCHEMATIC (KAWASAKI 29HP - DFI)



ELECTRICAL SCHEMATIC (BRIGGS & STRATTON 31BV)

