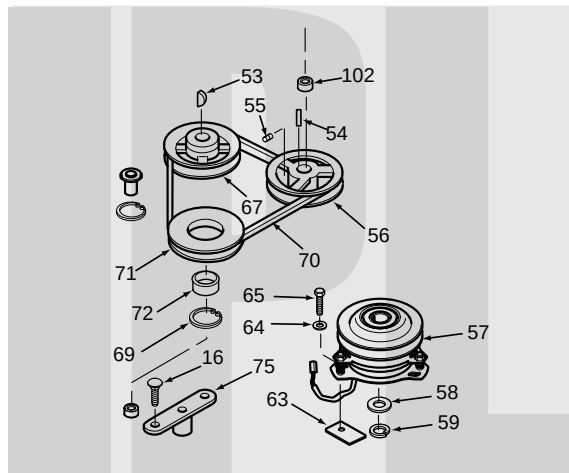


SCAG[®]

POWER EQUIPMENT



MODEL SWZU

ILLUSTRATED PARTS LIST

THIS MANUAL CONTAINS THE ILLUSTRATED PARTS LIST FOR MODELS:

SWZU48V-17KAI with a serial number of D4300001 to D4399999
SWZU52V-19KAI with a serial number of D4400001 to D4499999

NOTES

SCAG[®]

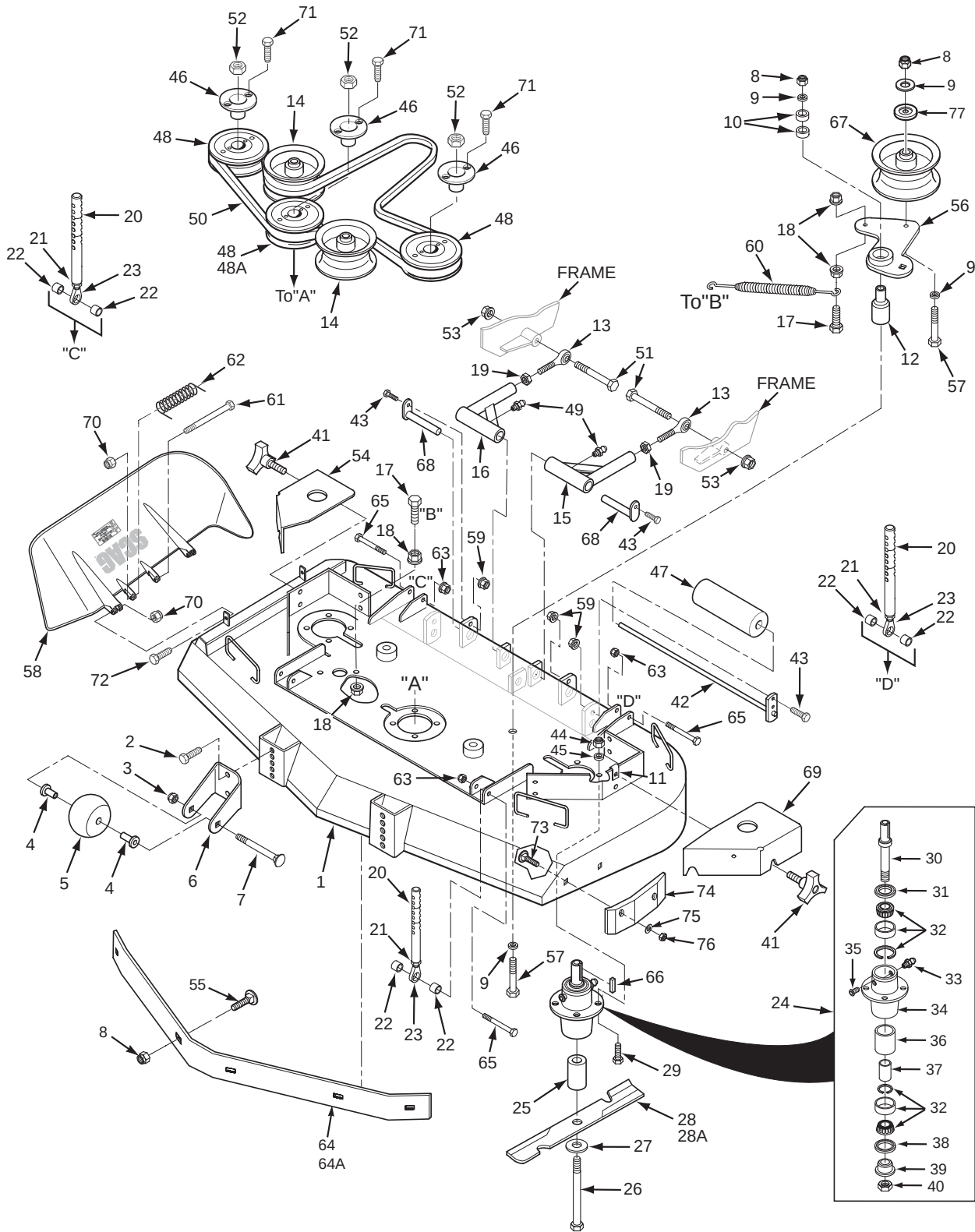
POWER EQUIPMENT

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48V & 52V CUTTER DECKS

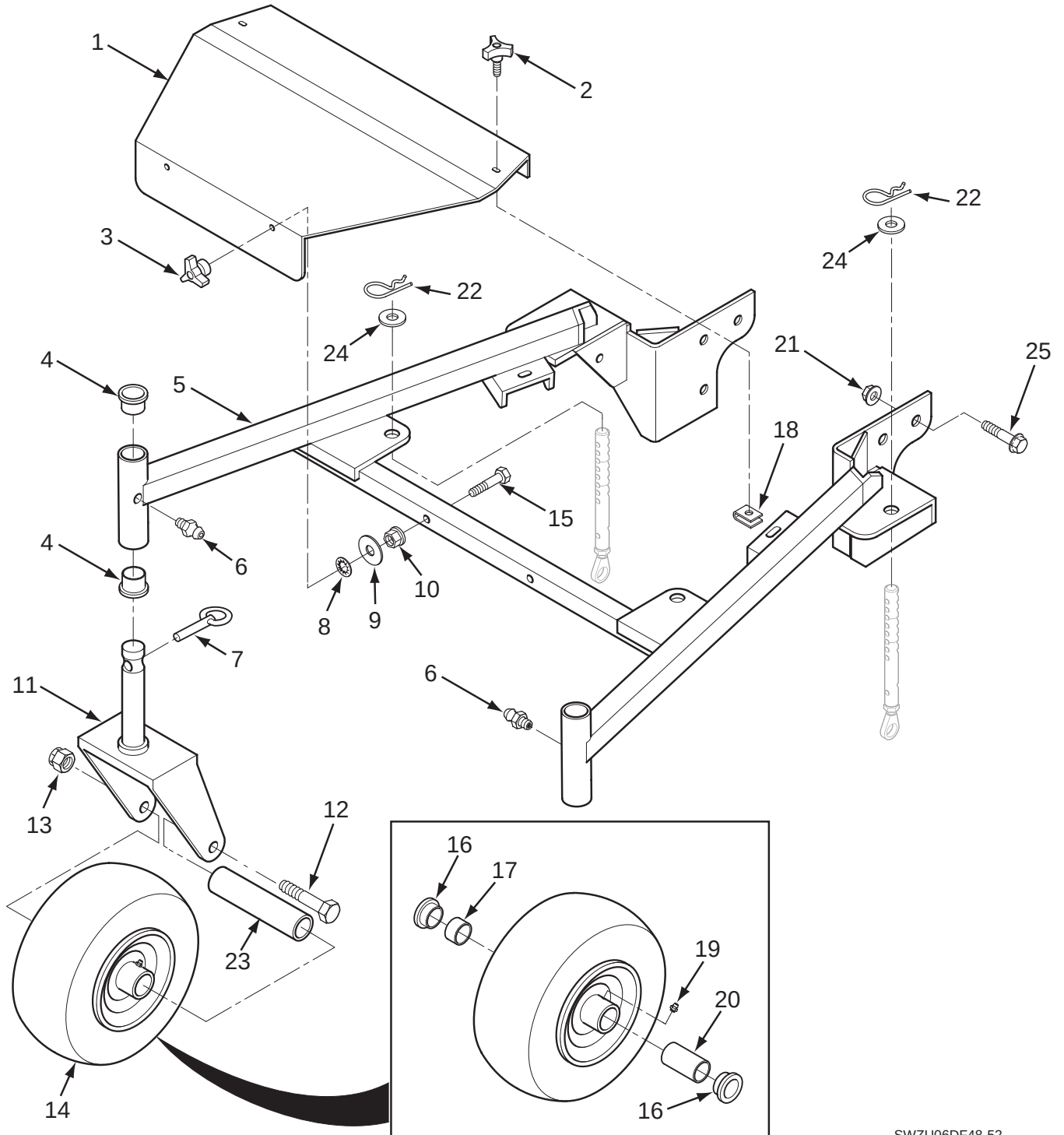


SWZU05CD48V,52V

48V & 52V CUTTER DECKS

Ref. No.	Part No.	Description	48	52	Ref. No.	Part No.	Description	48	52
1	461853	Cutter Deck W/ Decals	x		39	43297	Spindle Bushing	x	x
	461856	Cutter Deck W/ Decals		x	40	481035	Nut, Spindle	x	x
2	04017-27	Capscrew, 3/8-16 x 1" Serr. Flng.	x	x	41	481625-01	Wing Nut, 3/8-16	x	x
3	04021-05	Lock Nut, 3/8-16 Center Lock	x	x	42	451118	Roller Shaft	x	x
4	48100-15	Bushing, .376" ID Oilite	x	x	43	04001-09	Bolt, Hex Head 5/16-18 x 1"	x	x
5	481632	Wheel, Anti-Scalp	x	x	44	04021-22	Hex Nut, 5/16-18 Elastic Stop Gr. 8	x	x
6	422478	Bracket, Anti-Scalp Wheel	x	x	45	04030-03	Lock Washer 5/16"	x	x
7	04003-26	Bolt, Carriage 3/8-16 x 4"	x	x	46	48926	Tapered Hub	x	x
8	04021-09	Hex Nut, 3/8-16 Elastic Stop	x	x	47	48038	Guide, Roller	x	x
9	04043-04	Flatwasher, 3/8" (.938 x .391 x .105)	x	x	48	482744	Pulley, 5.75 O.D.	x	x
10	48224	Ball Bearings	x	x	49	48114-08	Grease Fitting, 90 Degree	x	x
11	04110-03	U-Nut, 3/8-16	x	x	50	482281	Belt, Deck Drive	x	
12	43660	Pivot, Idler	x	x		483012	Belt, Deck Drive		x
13	48542	Rod End, Male 1/2-20 RH Thread	x	x	51	04001-74	Bolt, Hex Head 1/2-13 x 3"	x	x
14	483215	Pulley, Idler	x	x	52	04020-09	Hex Nut, 5/8-11	x	x
15	461755	Push Arm - LH (Incl. 13, 19 & 49)	x	x	53	04021-07	Hex Nut, 1/2-13 Elastic Stop	x	
16	461756	Push Arm - RH (Incl. 13, 19 & 49)	x	x	54	424317	Belt Cover, RH	x	x
17	04001-136	Capscrew, Hex Head 3/8-16 x 1-1/2"	x	x	55	04003-23	Bolt, Carriage 3/8-16 x 1"	x	x
18	04019-04	Nut, 3/8-16 Serrated Flange	x	x	56	461632	Idler Arm Weldment (Incl. Item 10)	x	x
19	04020-08	Nut, 1/2-20 Jam	x	x	57	04001-54	Capscrew, Hex Head 3/8-16 x 3"	x	x
20	481838	Pin Assembly (Incl. 21 & 23)	x	x	58	461844	Discharge Chute	x	x
21	04020-25	Nut, 3/8-24 Jam	x	x	59	04019-03	Nut, 5/16-18 Serrated Flange	x	x
22	43512	Spacer, Deck Adjustment Pin	x	x	60	482797	Spring, Deck Idler	x	x
23	481539	Rod End, Male 3/8-24	x	x	61	04001-154	Bolt, Hex Head 5/16-18 x 4-1/4"	x	x
24	461663	Spindle Assembly	x	x	62	483378	Spring, Chute Return	x	x
25	43590	Spacer, Spindle	x	x	63	04021-09	Nut, 3/8-16 Elastic Stop	x	x
26	04001-41	Bolt, Hex Head 5/8-11 x 9-1/2"	x	x	64	424173	Baffle Weldment 48V	x	
27	04043-06	Flatwasher, 5/8 W	x	x	64A	424174	Baffle Weldment 52V		x
28	481706	Cutter Blade 16-1/2"	x		65	04001-31	Bolt, Hex Head 3/8-16 x 2-1/2"	x	x
28	481707	Cutter Blade 18"		x	66	04063-08	Key, 1/4" x 1/4" x 2"	x	x
28A	481710	Cutter Blade 16-1/2" Hi Lift	x		67	483210	Pulley, Idler	x	x
28A	481711	Cutter Blade 18" Hi Lift		x	68	451724	Push Arm Shaft	x	x
29	04001-176	Bolt, Hex Head 5/16-18 x 1-3/4" Gr 8	x	x	69	424316	Belt Cover LH	x	x
30	43589	Spindle Shaft	x	x	70	04021-10	Hex Nut, 5/16-18 Elastic Stop	x	x
31	481024	Seal, Cutter Spindle - Top	x	x	71	04001-172	Bolt, Hex Head 1/4-20 x 1" Gr. 8	x	x
32	481022	Tapered Bearings (Two)	x	x	72	04001-11	Bolt, Hex Head 5/16-18 x 1-1/2"	x	x
33	48114-04	Grease Fitting	x	x	73	04003-12	Bolt, Carriage 5/6-18 x 3/4"	x	x
34	43644	Spindle Housing	x	x	74	483176	Pad, Deck Wear	x	x
35	48677	Relief Fitting, Cutter Spindle	x	x	75	04040-04	Flatwasher, 5/16"	x	x
36	43312	Spacer Outside	x	x	76	04021-04	Hex Nut, 5/16-18 Center Locknut	x	x
37	43296	Spacer, Inside	x	x	77	424367	Dust Shield	x	x
38	481025	Seal, Cutter Spindle - Bottom	x	x					

48V & 52V - DECK FRAME

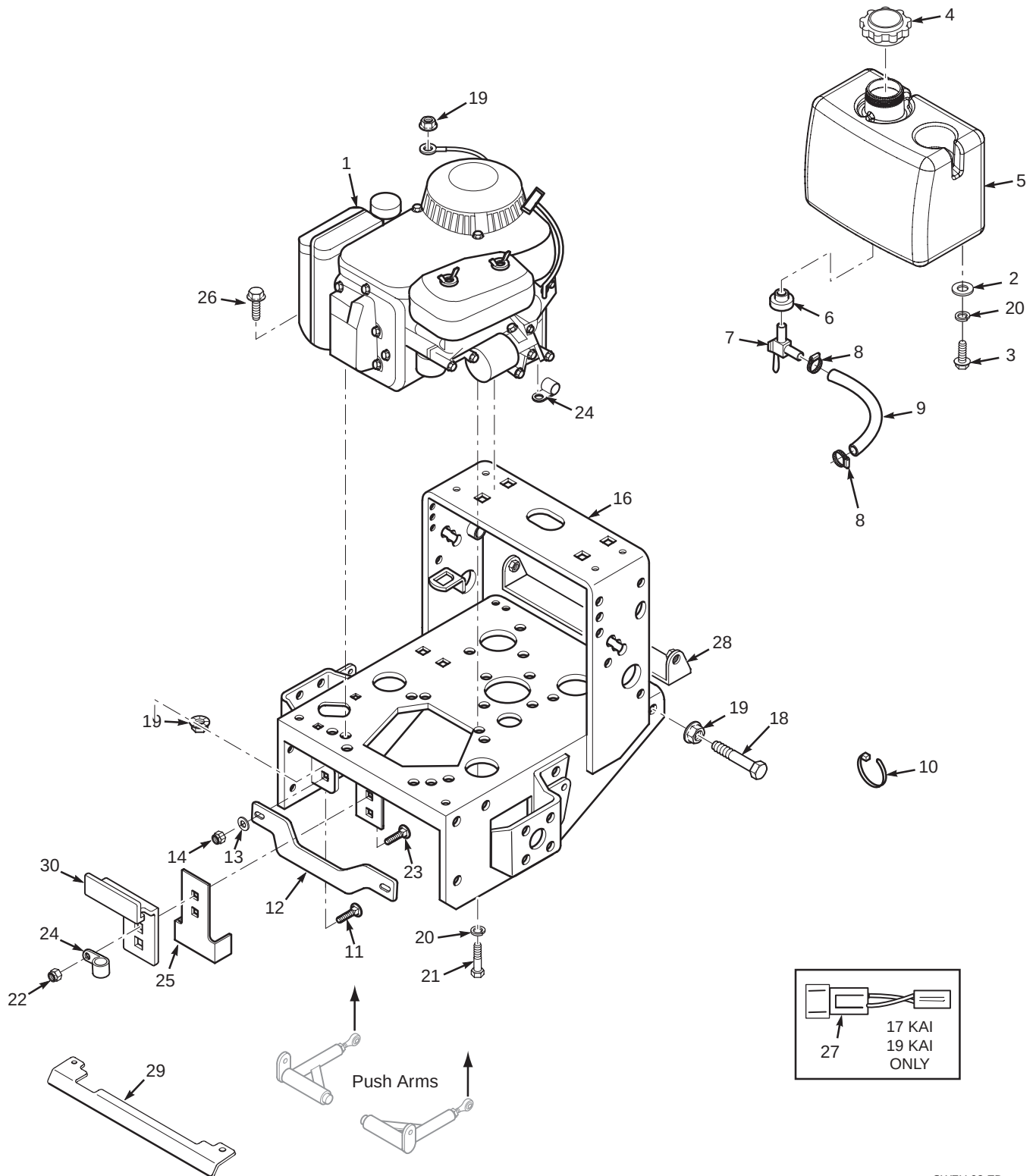


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48V & 52V - DECK FRAME

Ref. No.	Part No.	Description
1	461869	48" Belt Cover With Decal
	461870	52" Belt Cover With Decal
2	481625-01	Knob With Stud
3	04029-03	Knob, Deck Cover Mounting
4	48100-08	Bushing, Caster
5	461871	Frame Weldment, Deck Mounting - 48" (Includes Item #18)
	461872	Frame Weldment, Deck Mounting - 52" (Includes Item #18)
6	48114-04	Grease Fitting Str. 1/4-28 Self Tap
7	04066-01	Quick Pin, .438" Dia.
8	04024-02	Nut, Push-On - 3/8" Dia.
9	04041-07	Flatwasher, 3/8" (.391 x .938 x .105)
10	04019-04	Nut, 3/8-16 Serrated Flange Hex Head
11	45325	Yoke, Caster Wheel
12	04001-80	Capscrew, Hex Head 1/2-13 x 6-1/2"
13	04021-07	Locknut, 1/2-13 Elastic Stop
14	9276	Flat Free Tire Assy. (Includes Items #16, 17, 19 & 20)
15	04001-46	Capscrew, Hex Head 3/8-16 x 2-1/4"
16	481770	Retainer
17	481846	Roller Bearing
18	04110-03	U-Nut, 3/8-16
19	48114-05	Grease Fitting Str.1/4-28
20	481769	Roller Bearing .625 x 3.25"
21	04112-05	Nut, 1/2-13 Spiralock
22	04062-04	Hair Pin Cotter, .177 x 3-1/4"
23	43511	Sleeve, Caster Wheel
24	04040-10	Flatwasher, 5/8" - (.688 x 1.75 x .134)
25	04017-36	Capscrew, 1/2-13 x 1" Serrated Flange Hex Head

ENGINE DECK

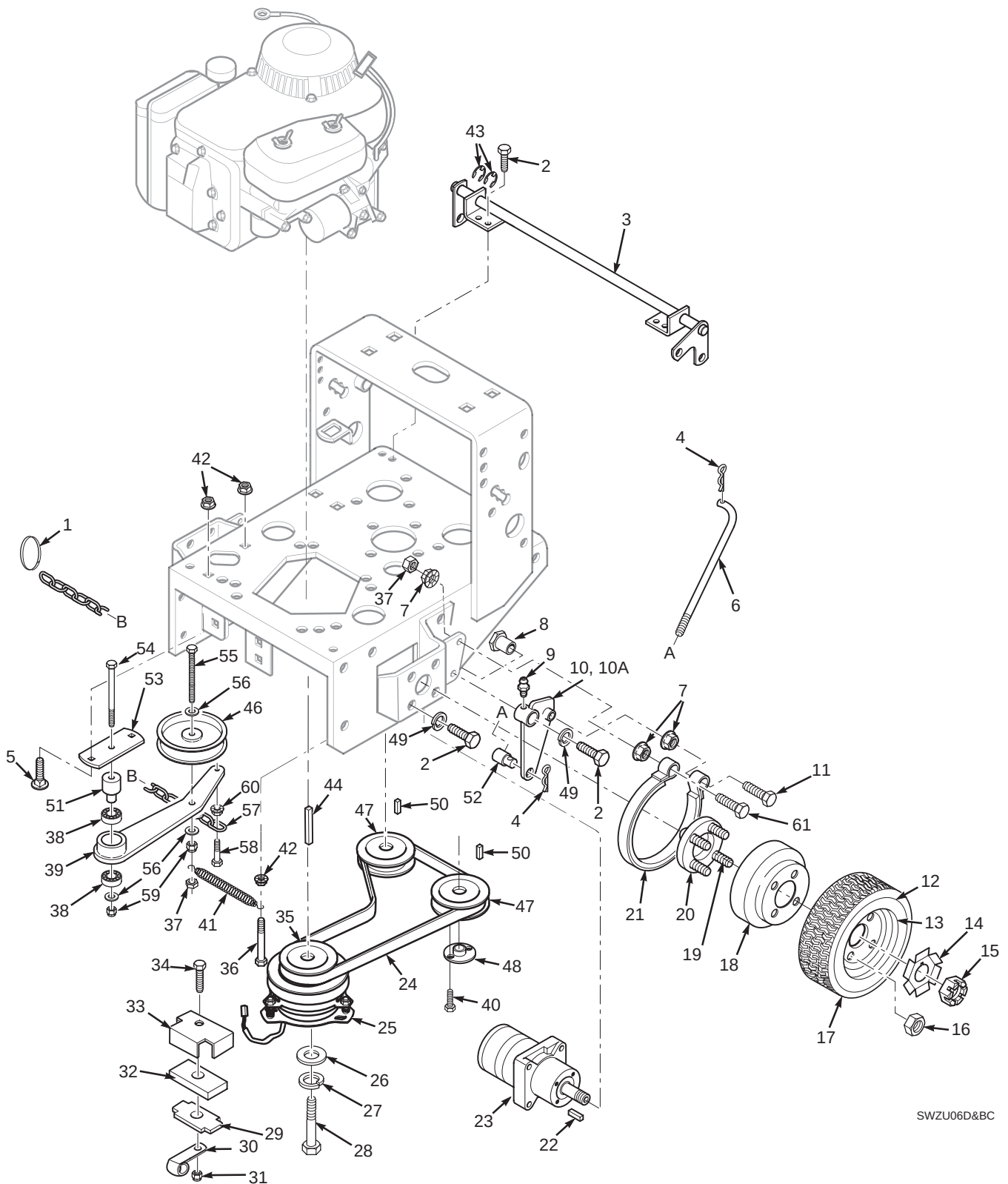


SWZU 08 ED

ENGINE DECK

Ref. No.	Part No.	Description	17KAI	19KAI
1	482927	Engine, 17KAI Kawasaki (Spec FH541V-BS38-R)	x	
	482928	Engine, 19KAI Kawasaki (Spec FH580V-BS34-R)		x
2	04040-15	Flatwasher, 5/16 (.375 x .875 x .083)	x	x
3	04001-09	Capscrew, 5/16-18 x 1" Hex Head	x	x
4	482547	Cap, Fuel Tank	x	x
5	461729	Fuel Tank Assy. (incl. 6, 7)	x	x
6	48309	Bushing	x	x
7	48308	Valve, Fuel Shut-off	x	x
8	48059-01	Clamp, Fuel Hose	x	x
9	483617	Fuel Hose, 1/4 ID x 18"	x	x
10	48028-05	Cable Tie	x	x
11	04003-11	Carriage Bolt, 3/8-16 X 1-1/4"	x	x
12	424002	Brace	x	x
13	04043-04	Flat Washer .391 x .938 x .105	x	x
14	04021-09	Nut, 3/8-16 Elastic Stop	x	x
15	04021-08	Nut, 1/4-20 Elastic Stop	x	x
16	461745	Engine Deck, 16" Wide, w/decals	x	x
17	04003-09	Bolt, 1/4-20 x 1-1/4" Carriage	x	x
18	04001-17	Bolt, 5/16-18 x 2" Hex Head	x	x
19	04019-03	Nut, 5/16-18 Serr. Flange	x	x
20	04030-03	Lock Washer 5/16"	x	x
21	04017-19	Bolt, 5/16-18 x 1" Serrated Flange Hex Head	x	x
22	04021-10	Nut, 5/16-18 Elastic Stop	x	x
23	04003-04	Carriage Bolt, 5/16-18 x 1"	x	x
24	48030-09	Clamp	x	x
25	421370	Clutch Bracket	x	x
26	04017-19	CapSrw, 5/16-18 x 1.50" Serrated Flg.	x	x
27	481717	Wire Harness Adapter	x	x
28	45418	Pulley Guard, 16" Frame	x	x
29	424125	Heatshield	x	x
30	424620	Plate, Clutch Bracket	x	x

DRIVE AND BRAKE COMPONENTS

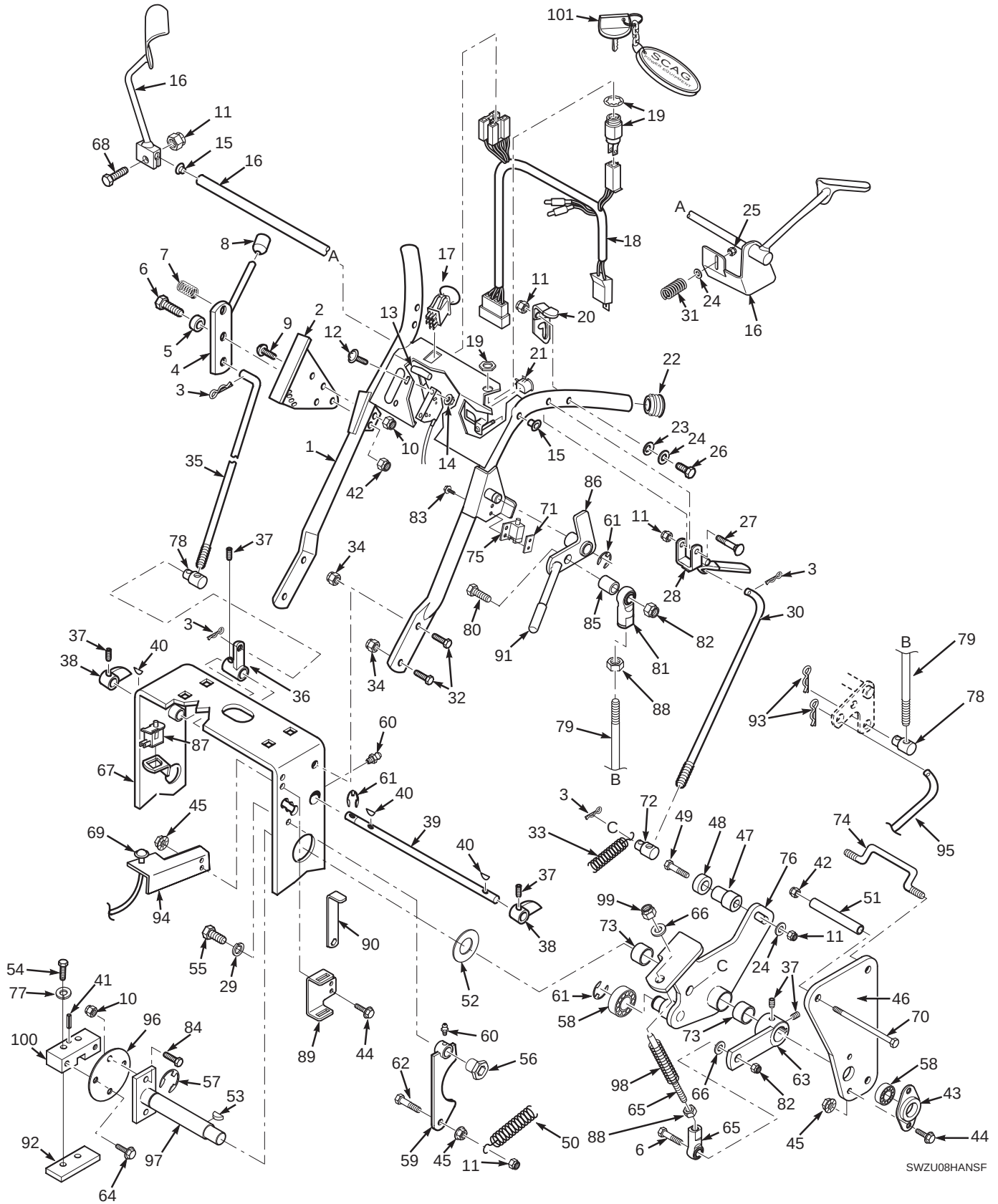


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DRIVE AND BRAKE COMPONENTS

Ref. No.	Part No.	Description
1	481876	Ring, Split
2	04001-19	Bolt, 3/8-16 x 1" Hex Head
3	45842	Brake Shaft Assembly Weldment
4	04062-01	Hair Pin Cotter, .094 x 1.62
5	04003-12	Carrage Bolt, 5/16-18 x .75"
6	44126	Rod, Brake Lower
7	04019-04	Nut, 3/8-16 Serr. Flange
8	43415	Bushing, Brake
9	48114-05	Grease Fitting
10	45860	Brake Actuator Wlmt., LH
10A	45861	Brake Actuator Wlmt., RH
11	04001-46	Bolt, 3/8-16 x 2-1/4"
12	481869	Tire, 18 x 8.50, 4 ply
13	481868	Rim Assy
14	422214	Lock Washer, Wheel Motor
15	48679	Hex Castle Nut, 3/4-28 UNEF
16	04028-02	Nut, Lug
17	481867	Wheel Assy., (incl. #12 & 13)
18	422215	Brake Drum
19	04008-01	1/2-20 Serrated Bolt
20	46928	Hub, Wheel
21	481470	Brake Band, 7-1/2"
22	04063-07	Key, 3/16 X 3/4" Woodruff
23	481416	Wheel Motor
24	481837	Belt, Pump Drive
25	461397	Electric Clutch
26	04041-28	Flat Washer .469" x 1.75" x .25"
27	04030-05	Lock Washer, 7/16"
28	04102-05	Hex Head Bolt, 7/16-20 x 2-3/4"
29	422534	Plate, Backing
30	48030-09	Clamp
31	04021-10	Nut, 5/16-18 Elastic Stop
32	481716	Rubber Pad, Clutch Stop
33	422533	Retainer, Clutch Stop
34	04001-12	Hex Head Bolt, 5/16-18 x 1-3/4"
35	482754	Pulley, Pump Drive Engine
36	04001-13	Hex Head Bolt, 5/16-18 x 2-3/4"
37	04021-05	Nut, 3/8-16 Center Lock
38	48224	Ball Bearings
39	461783	Idler Arm Weldment, Pump (incl. 38)
40	04001-172	Bolt, Hex Head 1/4-20 x 1" Grd 8
41	483526	Spring, Pump Belt Idler
42	04019-03	Nut, 5/16-18 Serr. Flange
43	04050-02	Retaining Ring, 3/4" Ext. "E"
44	04063-29	Key, 1/4x1/4 x 3-3/4"
45	04041-07	Flat Washer, 3/8"
46	483213	Pulley, Idler 4-1/2"
47	482649	Pulley, Pump Shaft
48	482085	Tapered Hub
49	04030-04	Lockwasher, 3/8"
50	04063-14	Key, 5.0 x 5.0 x 25mm
51	43504	Pivot, Idler (Long)
52	43032	Swivel Joint
53	422713	Base, Idler Pivot
54	04001-54	Bolt, Hex Head 3/8-16 x 3"
55	04001-161	Bolt, Hex Head 3/8-16 x 2-3/4"
56	04043-04	Flatwasher 3/8"
57	481873	Chain
58	04001-59	Bolt, Hex Head 1/4-20 x 1-1/4"
59	04021-09	Nut, Hex Elastic Stop 3/8-16
60	04019-02	Nut, Serrated Flange 1/4-20
61	04001-151	Bolt, Hex Head 3/8-16 x 2.63"

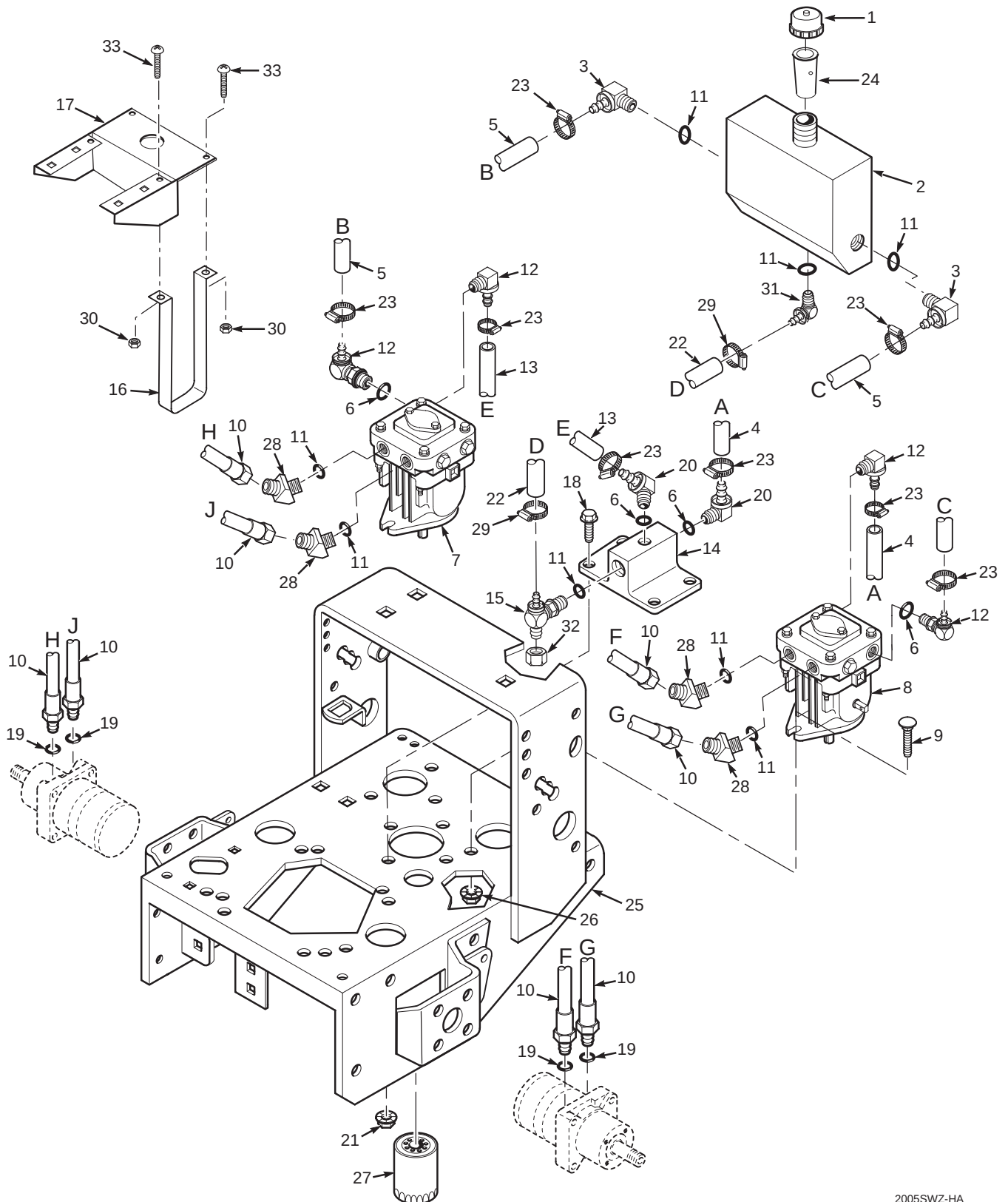
HANDLE ASSEMBLY



HANDLE ASSEMBLY

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	461839	Upper Handle Wlmt. W/Decals	52	04041-08S	Flat Wshr., .766 x 1.25 x .035
2	42675	Quadrant, Speed Control	53	04063-07	Key, Woodruff, 3/16 x .75"
3	04062-02	Hairpin, .094 x 1.19	54	04001-59	Bolt, Hex Head, 1/4-20 x 1.25"
4	45282	Lever, Speed Adjustment	55	04001-19	Bolt, Hex Head 3/8-16 x 1"
5	43086	Bushing, Speed Adjustment Lever	56	43415	Bushing, Brake
6	04001-20	Hex Head Bolt, 3/8-16 x 1.5"	57	04050-02	Clip, Retaining .750 diameter
7	48493-01	Ball Plunger	58	48224	Bearing, Ball Neutral Return
8	48092	Knob, Speed Adjustment	59	46747	Cam, Neutral (incl. grease ftng.)
9	04014-01	Capscrew, 1/4-20 x 3/4" FHHS	60	48114-05	Grease Fitting, 1/4-28 UNF
10	04021-08	Nut, 1/4-20 Elastic Stop	61	04050-01	Retaining Ring, 5/8"
11	04021-10	Nut, 5/16-18 Elastic Stop	62	04001-09	Hex Head Bolt, 5/16-18 x 1"
12	04010-01	Screw, #10-32 x 1/2" PW HD	63	483414	Lever, Speed Control
13	48946	Throttle Control	64	04017-05	Bolt, Hex Head 1/4-20 x .75"
14	04019-01	Nut, #10-32 Serr. Flange	65	482431	Linkage Assembly
15	483142	Bushing	66	04041-07	Flat Wshr., 15/16 x .3906 x 12 ga
16	451759	Handle, Oper. Presence-RH	67	461745	Deck, Engine 16" Wide
	451757	Handle, Oper. Presence-LH	68	04001-10	Hex Head Bolt, 5/16-18 x 1.25"
17	483162	Switch, Electric Clutch Engage	69	482314	Choke Control
18	482686	Wire Harness	70	04001-152	Bolt, Hex Head 3/8-16 x 4.25"
19	48609	Key Switch	71	422373	Plate, Threaded
20	461242	Neutral Latch-RH	72	43520	Swivel Joint, Steering Rod
	461241	Neutral Latch-LH	73	48100-06	Bushing
21	48717	Switch, Neutral Interlock	74	44144	Rod, Offset
22	483160	Plug, Handlebar	75	481545	Switch, Parking Brake
23	04032-01	Washer, Curved Spring	76	461964	Control, LH (inc. bush. & decal)
24	04040-15	Flat Washer		461965	Control, RH (inc. bush. & decal)
25	04021-10	Nut, 5/16-18 Elastic Stop	77	04030-02	Lockwasher, 1/4"
26	04001-17	Hex Head Bolt, 5/16-18 x 2"	78	43032	Swivel Joint
27	04001-53	Hex Hd. Bolt, 5/16-18 x 2.5"	79	44143	Rod, Brake Lever
28	483160	Lever, Steering Control	80	04001-45	Hex Hd. Bolt, 3/8-16 x 2"
29	04030-04	Lockwasher, 3/8" Spring	81	48464	Ball Joint, RH Thread
30	44141	Rod, Steering Control	82	04021-09	Nut, 3/8-16 Elastic Stop
31	483040	Spring, Operator Presence	83	04010-12	Screw #10-32 Slt'd Hex Wshr Hd
32	04017-27	Capscre., 3/8-16 x 1" Ser. Flange	84	04001-01	Bolt, 1/4-20 x .75"
33	483470	Spring	85	43286	Spacer
34	04019-04	Nut, 3/8-16 Serr. Flange	86	461605	Parking Brake Lever with Grip
35	44142	Rod Speed Control	87	48717	Switch, Safety
36	451562	Bellcrank, Speed Control	88	04020-14	Nut, 3/8-24
37	04012-02	Setscrew, 1/4-28 x .25"	89	423876	Mounting Bracket, Wrench
38	46335	Cam, Speed Control (incl. SS)	90	423875	Wrench
39	43166	Jackshaft, Speed Control	91	48342	Grip, Parking Brake
40	04063-13	Key, 1/8 x 1/2" Woodruff	92	421203	Plate, Threaded
41	04060-06	Roll Pin, 3/16-.75	93	04062-01	Hairpin, .094 x 1.62"
42	04021-10	Nut, Elastic Stop 3/8-16	94	424113	Bracket, Choke Mtg.
43	48223	Flange, Bearing	95	44126	Rod, Lower Brake
44	04017-17	Capscrew, 5/16-18 x 1" Serr. Flg.	96	422273	Plate, Coupler
45	04019-03	Nut, 5/16-18 Serrated Flange	97	451113	Shaft, Pump Control
46	422795	Plate, Side	98	481879	Spring
47	43536	Spacer, Neutral Bearing	99	04021-09	Nut, 3/8-16 Elastic Stop
48	48409	Bearing, Speed Ctrl. Bellcrank	100	48829	Block, Pump Control
49	04001-69	Hex Head Bolt, 5/16-18 x 1-3/4"	101	462069	Key Chain with Keys
50	48494-02	Spring, Return		483609	Key with Shroud
51	43522	Spacer, Side Plate			

HYDRAULIC ASSEMBLY

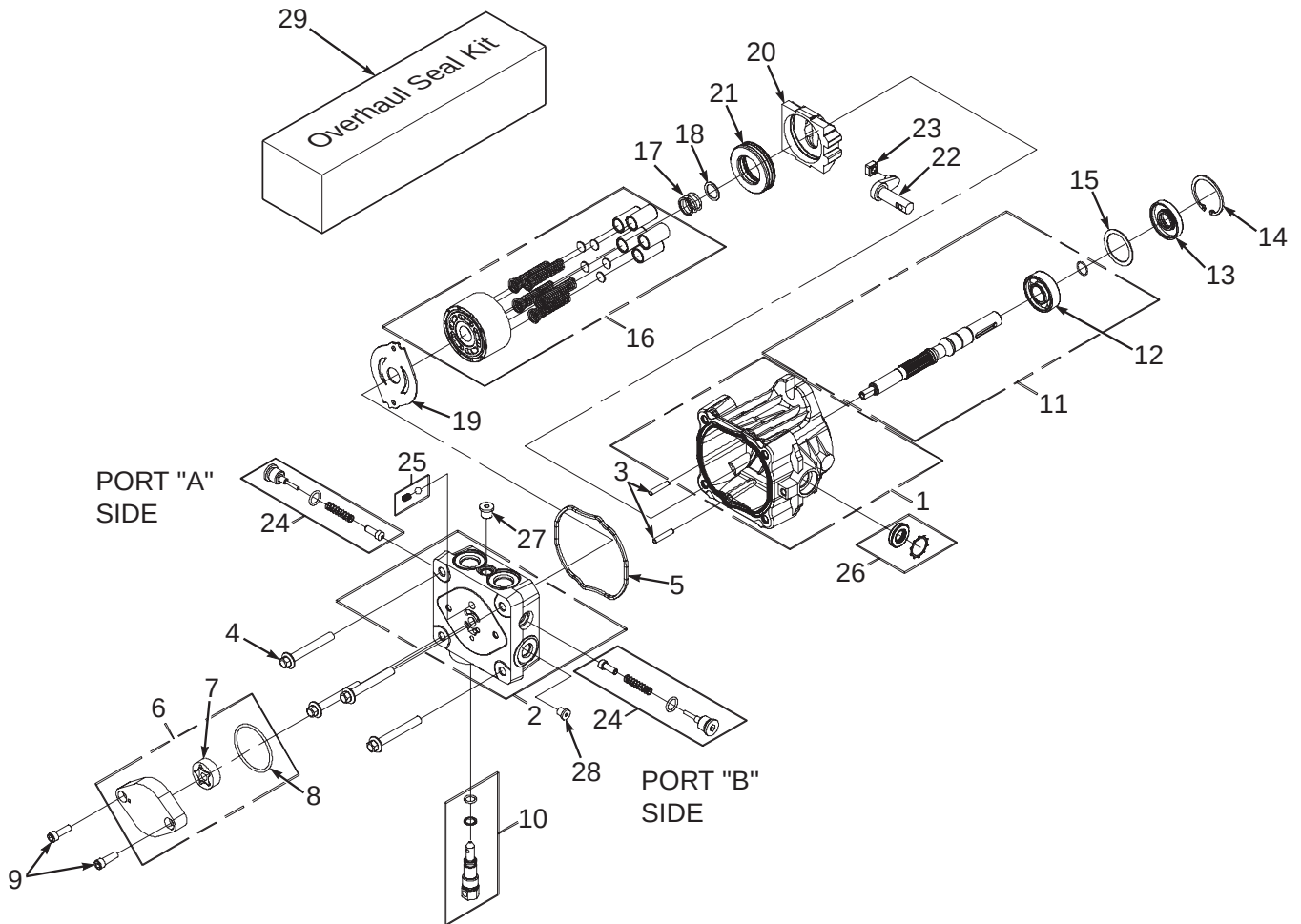


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HYDRAULIC ASSEMBLY

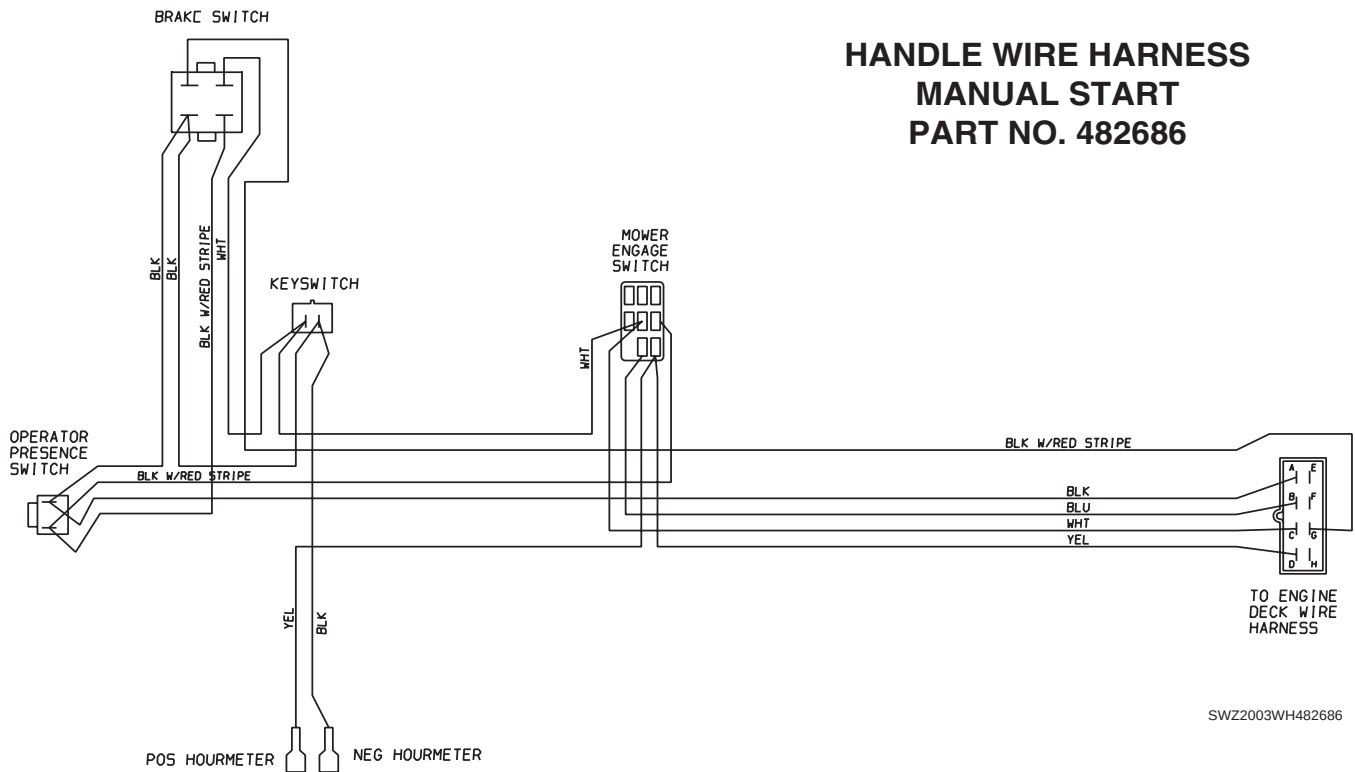
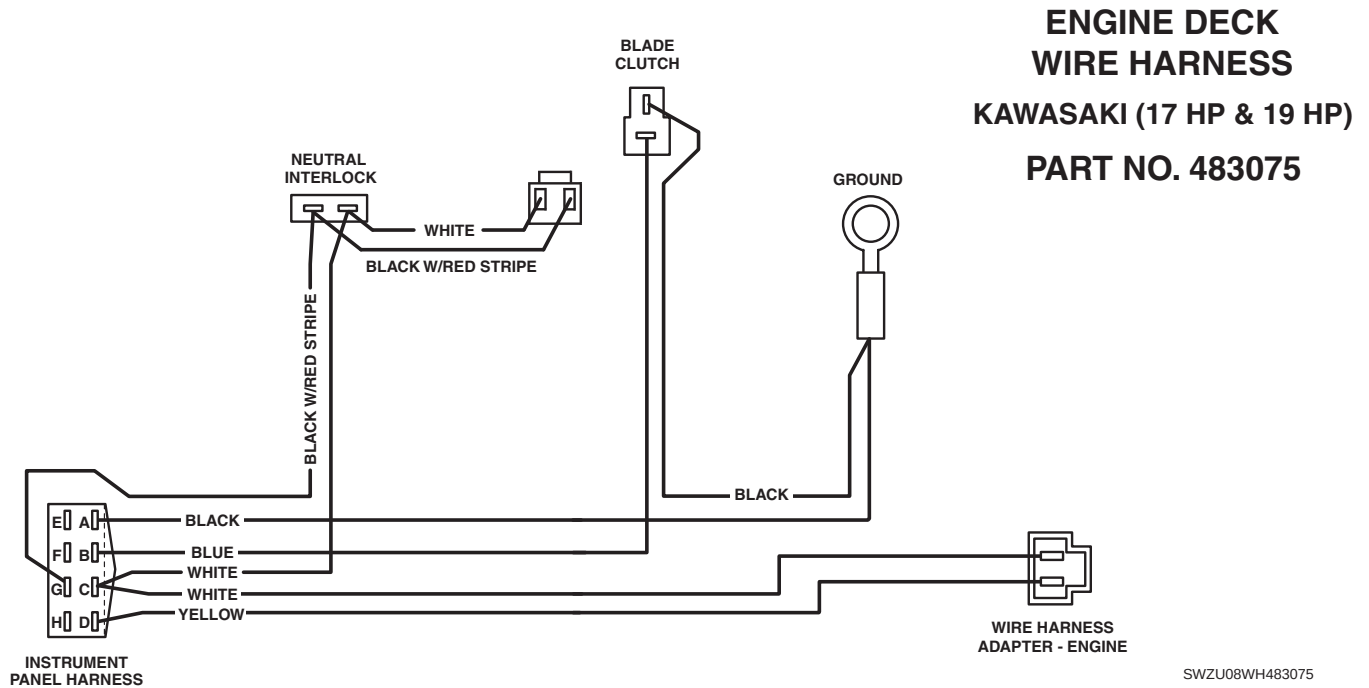
Ref. No.	Part Number	Description
1	481164	Cap, Oil Reservoir
2	461428	Oil Reservoir (With Fittings)
3	482266-01	Elbow, 9/16 O-Ring x 3/8" Hose
4	48811	Hose, 3/8" ID - 10-1/4" Long (Order By The Inch)
5	48811	Hose, 3/8" ID - 7" Long (Order By The Inch)
6	48603-06	O-Ring
7	483097	Pump, PG-1JQQ-DY1X-XXXX (R.H.)
8	483098	Pump, PG-1GQQ-DY1X-XXXX (L.H.)
9	04003-11	Bolt, Carriage, 3/8-16 x 1.25"
10	481265	Hose, Pump to Wheel Motor
11	48603-02	O-Ring
12	482266-03	Elbow, 7/16-20 O-Ring x 3/8" Hose
13	48811	Hose, 3/8" ID - 11" Long (Order By The Inch)
14	482417	Oil Filter Base
15	482477	Tee, 3/8 O-Ring x JIC x 1/2" Hose
16	422794	Strap, Hydraulic Tank
17	422793	Bracket, Hydraulic Tank
18	04017-16	Capscrew, 5/16-18 x .75" Serr. Flange
19	48603-04	O-Ring
20	482266-01	Elbow, 9/16 O-Ring x 3/8" Hose
21	04019-03	Nut, 5/16-18 Serr. Flange
22	482305	Hose, Formed 1/2" ID
23	48136-13	Clamp, .69 max dia.
24	481507	Tube, Filler Neck
25	461745	Engine Deck (16" Wide) W/Decals
26	04019-04	Nut, 3/8-16 Serr. Flange
27	48462-01	Oil Filter
28	48485-01	Elbow, 45 Deg.-3/4-16 JIC Male x Male 3/4-16 O-Ring
29	48136-05	Clamp, .87 max dia.
30	04021-08	Nut, 1/4-20
31	482202	Elbow, 3/4-16 O-Ring x 1/2" Hose
32	48571-02	Cap, 3/4-16
33	04010-10	Screw, 1/4-20 x 2" Round Head Phillips

HYDRAULIC PUMP ASSEMBLY

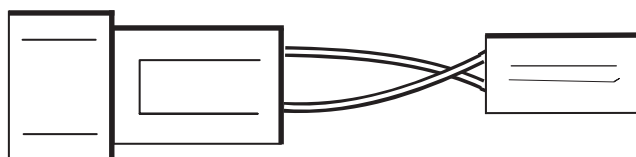


HYDRAULIC PUMP ASSEMBLY

Ref. No.	Part Number	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 12
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



**WIRE HARNESS ADAPTER
KAWASAKI
(17 HP & 19HP)
PART NO. 481717**

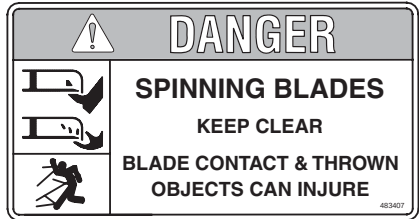


SWZU08WH481717

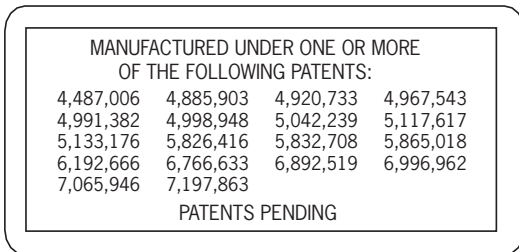
REPLACEMENT DECALS AND INFORMATION PLATES



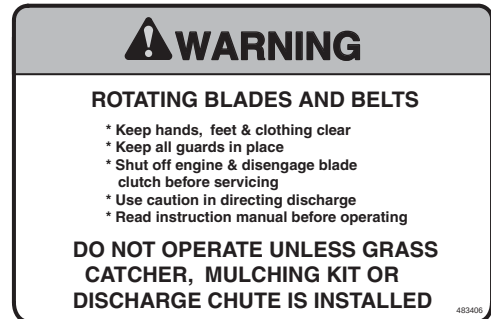
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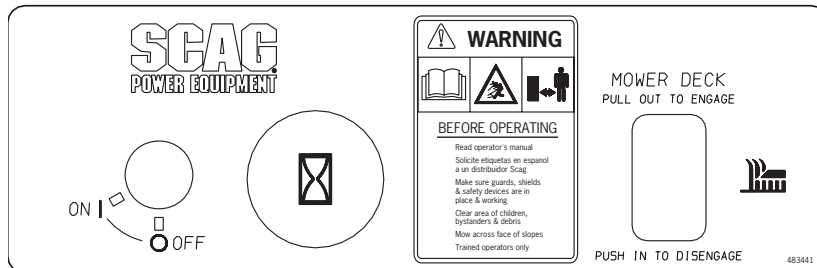
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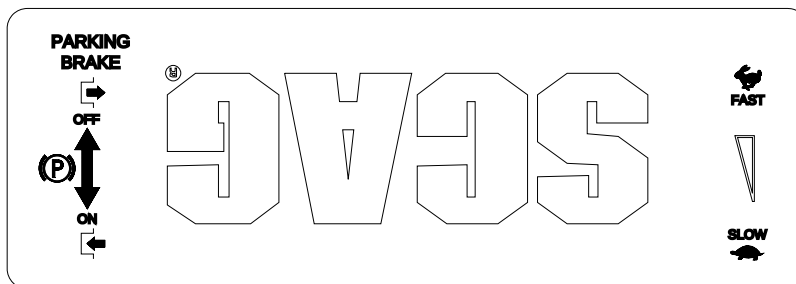


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REPLACEMENT DECALS AND INFORMATION PLATES



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11

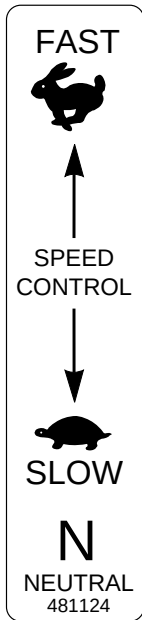


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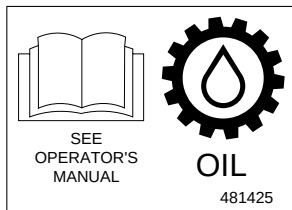


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REPLACEMENT DECALS AND INFORMATION PLATES



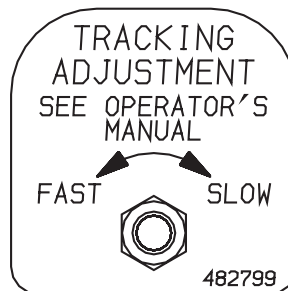
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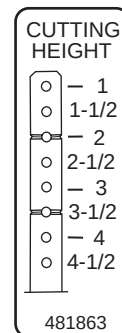
15



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17



18

Ref. No.	Part No.	Description
1	483405	Decal, Discharge Chute
2	483407	Decal, Danger-Spinning Blades
3	483406	Decal, Warning-Rotating Blades
4	483044	Decal, Patents
5	48404	Decal, Metalcraft - Made in USA
6	483441	Decal, Instrument Panel - Rear
7	483404	Decal, Sulky Attachment
8	483402	Decal, Belt Cover
9	481906	Decal, SWZU - Ultimate
10	481438	Decal, Instrument Panel - Front
11	482297	Decal, 36 Advantage
12	483199	Decal, 48 Velocity Plus
	483200	Decal, 52 Velocity Plus
13	481971	Decal, Heavy Duty Commercial
14	481124	Decal, Speed Control
15	481425	Decal, Oil
16	481942	Decal, Scag Zero Turn
17	482799	Decal, Tracking Adjustment
18	481863	Decal, Cutting Height
**	461986	Spanish Decal Kit, Walk-Behinds (Not Shown)

NOTES