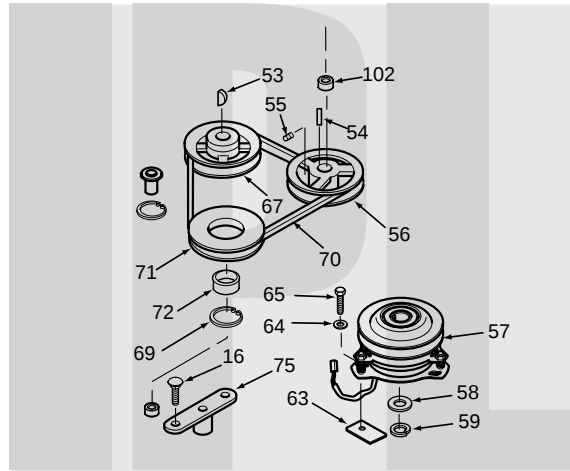


SCAG[®]

POWER EQUIPMENT



MODEL SWZ

ILLUSTRATED PARTS LIST

THIS MANUAL CONTAINS THE ILLUSTRATED PARTS LIST FOR MODELS:

SWZ36A-16KAI	with a serial number of	C3700001 to C3799999
SWZ48V-17KAI	with a serial number of	C3800001 to C3899999
SWZ52V-17KAI	with a serial number of	C3900001 to C3999999
SWZ52V-18KH	with a serial number of	C4000001 to C4099999
SWZ52V-19KAI	with a serial number of	C4100001 to C4199999
SWZ-19KAI	with a serial number of	C4900001 to C4999999
SWZ-21KAE	with a serial number of	C5000001 to C5099999
SWM-52V	with a serial number of	C5100001 to C5199999
SWM-61V	with a serial number of	C5200001 to C5299999

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POWER EQUIPMENT

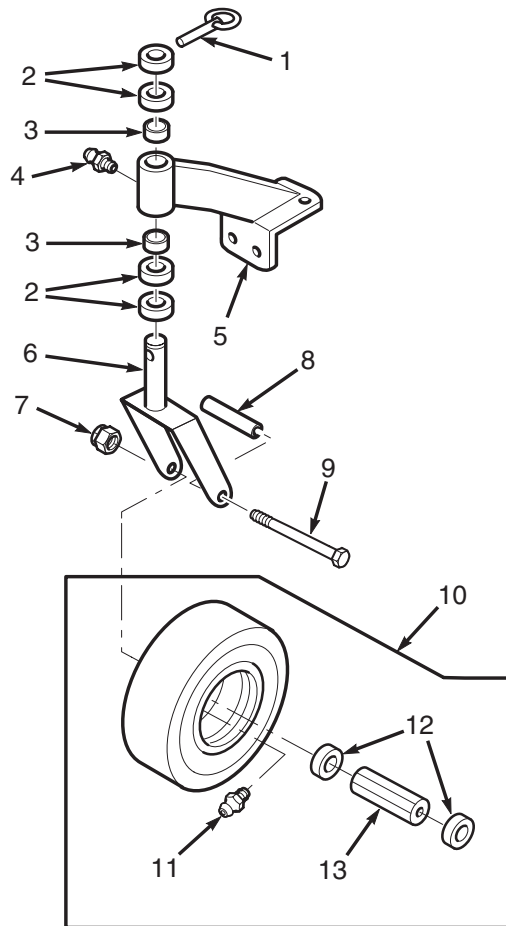
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NOTES

CASTER ASSEMBLY



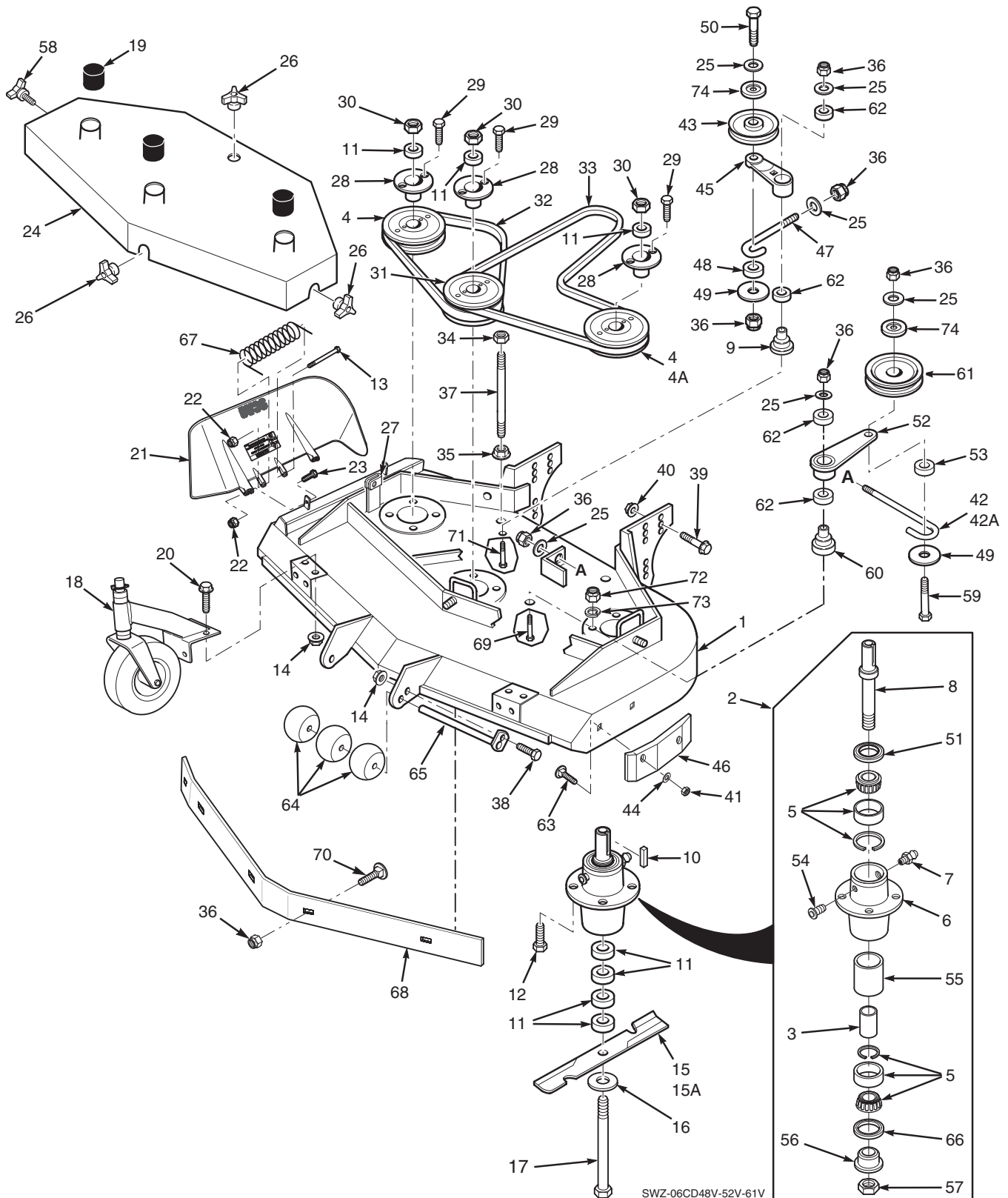
SW-SWZ2006CSTR

Ref. No.	Part No.	Description	36A 48V	52V 61V
1	04066-01	Quick Pin	x	x
2	43037-01	Spacer, Caster Yoke, 1/2" Long	x	x
3	48100-01	Bronze Bearing	x	x
4	48114-04	Grease Fitting	x	x
5	46082	Support Assembly (Includes Items 3 & 4)	x	x
6	45006	Caster Yoke	x	x
7	04021-07	Elastic Stop Nut, 1/2-13	x	x
8	43022	Sleeve, Caster Wheel Bearing	x	x
9	04001-37	Hex Hd. Bolt, 1/3-13 x 5-1/2"	x	x
10	9275	Flat Free Tire Assy. (Includes Items 11-13)	x	x
11	48114-03	Grease Fitting, 45 Degree 1/4-28	x	x
12	481770	Retainer, Bearing, Caster Wheel	x	x
13	481769	Roller Bearing, Caster Wheel	x	x

36A CUTTER DECKS

Ref. Part			Ref. Part		
No.	Number	Description	No.	Number	Description
1	461848	Cutter Deck (Includes Decals)	48	43296	Spacer, Inside
2	461663	Cutter Spindle Assy.	49	481035	Nut, 1.06-18
3	43312	Spacer, Outside	50	48677	Relief Fitting, Cutter Spindle
5	481022	Tapered Bearing (Two)	51	481025	Seal, Cutter Spindle
6	43644	Spindle Housing	52	48098	Spindle Shield
7	04001-154	Bolt, 5/16-18 x 4-3/4" Hex Head	53	04029-04	Wing Nut, 3/8-16 (Small) RH side
8	43589	Spindle Shaft	54	48114-04	Grease Fitting
9	04001-51	Bolt, 3/8-16 x 3-3/4" Hex Head	55	04021-09	Nut, Hex Elastic Stop 3/8-16
10	04063-08	Key, 1/4 x 1/4 x 2"	56	04030-03	Lock Washer, 5/16"
11	43592	Spacer, Cutter Blade - Small	57	04003-23	Bolt, Carriage 3/8-16 x 1"
12	04001-175	Bolt, 5/16-18 x 1-1/2" Hex Head Grade 8	58	423783	Baffle Weldment
13	482245	Spring, Chute Return	59	483174	Pad, Deck Wear
14	04019-03	Nut 5/16-18 Serrated Flange	60	04003-12	Bolt, Carriage 5/16-18 x 3/4"
15	481707	Cutter Blade, 18" Marbain	61	04040-04	Flatwasher, 5/16"
15A	481711	Cutter Blade, 18" Hi Lift Marbain	62	04021-04	Hex Nut, 5/16-18 Center Locknut
16	04043-06	Flatwasher, 5/8 W	63	424367	Dust Shield
17	04001-41	Hex Hd. Bolt, 5/8-11 x 9-1/2"			
18	461023	Caster Assembly (See Page 25)			
19	04017-16	Cpscrw, 5/16-18 x 3/4" Serrated Flange Hex Head			
20	461295	Discharge Chute			
21	04021-10	Hex Nut, 5/16-18 Elastic Stop			
22	04001-09	Hex Hd Bolt, 5/16-18 x 1"			
23	461413	Belt Cover Assy (Includes Decal)			
24	04043-04	Flat Washer, 3/8" Special			
25	04029-03	Wing Nut, 3/8-16			
26	482744	Pulley			
27	48926	Tapered Hub			
28	04001-172	Hex Hd. Bolt, 1/4-20 x 1" Grade 8			
29	04020-09	Hex Nut, 5/8-11			
30	48204	Belt, Blade Drive			
31	04021-22	Elastic Stop Nut, 5/16-18 Grade 8			
32	04021-05	Hex Nut, 3/8-16 Center Locknut			
33	04019-04	Nut, 3/8-16 Serrated Flange			
34	04004-02	Support, Belt Cover			
35	04017-36	Cpscrw, 1/2-13 x 1" Ser.Flg. HH			
36	04112-05	Nut, 1/2-13 Spiralock			
37	43277	Spacer, J-Hook			
38	04041-12	Washer, 3/8 x 1-1/2 x 16 GA			
39	04021-09	Elastic Stop Nut, 3/8-16			
40	43681	Idler Pivot			
41	461841	Idler Arm Assy. (Inc. 42)			
42	48224	Bronze Bearing			
43	04050-05	Retaining Ring, 1-1/8" Ext. "E"			
44	44078	J-Hook			
45	483215	Idler Pulley, Belt Clutch			
46	481024	Seal, Cutter Spindle			
47	43297	Spindle Bushing			

48V, 52V & 61V CUTTER DECKS

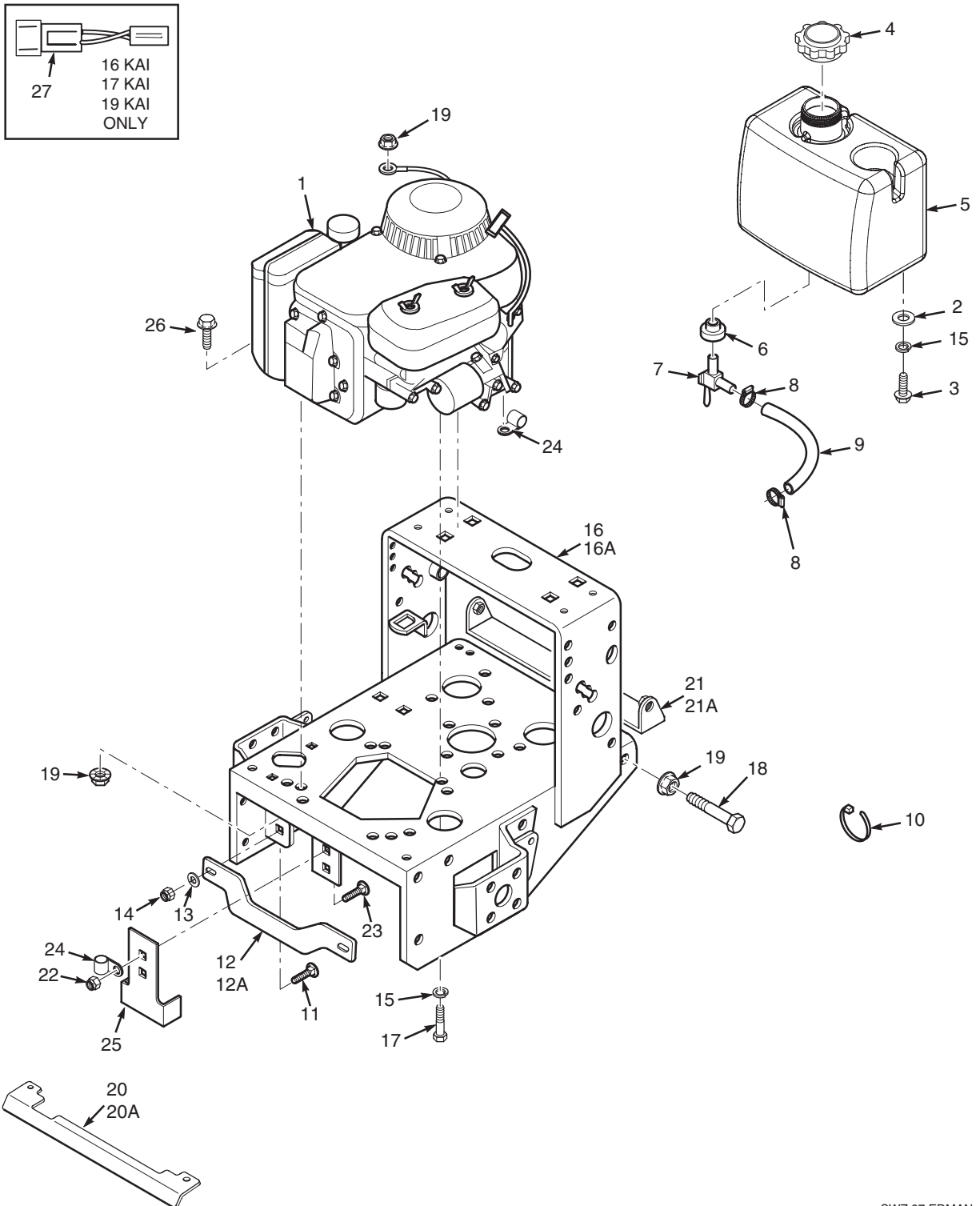


48V, 52V & 61V CUTTER DECKS

Ref. Part No.	Part No.	Description	48	52	61	Ref. Part No.	Part No.	Description	48	52	61
1	461852	Cutter Deck (Inc. Decals)	x			33	48089	Belt, Blade Drive	x		
1*	461855	Cutter Deck (Inc. Decals)		x			48286	Belt, Blade Drive		x	
1*	461857	Cutter Deck (Inc. Decals)		x			48088	Belt, Blade Drive			x
1	461860	Cutter Deck (Inc. Decals)			x	34	04021-05	Nut, 3/8-16, Nut Centerlock	x	x	x
2	461663	Spindle Assembly	x	x	x	35	04019-04	Nut, 3/8-16, Serrated Flange	x	x	x
3	43296	Spacer, Inside	x	x	x	36	04021-09	Nut, 3/8-16 Elastic Stop	x	x	x
4	482744	Pulley, 5.75" OD	x	x	x	37	04004-02	Support, Belt Cover	x	x	x
4A	482745	Pulley, 6.35" OD			x	38	04001-09	Bolt, 5/16-18 x 1" Hex Head	x	x	x
5	481022	Tapered Bearing (Two)	x	x	x	39	04017-36	Cpscrw, 1/2-13 x 1" Ser Flng Hex Hd	x	x	x
6	43644	Spindle Housing	x	x	x	40	04112-05	Nut, 1/2-13 Spiralock	x	x	x
7	48114-04	Grease Fitting Str. 5/16	x	x	x	41	04021-04	Hex Nut, 5/16-18 Center Locknut	x	x	x
8	43589	Spindle Shaft, Tapered Brng	x	x	x	42	44078	J-Hook	x		x
9	43682	Idler Pivot	x	x	x	42A	43028	J-Hook		x	
10	04063-08	Key, 1/4 x 1/4 x 2"	x	x	x	43	48181	Idler Pulley, "V" Groove	x	x	x
11	43592	Spacer, Cutter Blade - Small	x	x	x	44	04040-04	Flatwasher, 5/16"	x	x	x
12	04001-175	Bolt, 5/16-18 x 1-1/2" Hex Head Gr 8	x	x	x	45	461091	Idler Arm Assy. (Incl. 62)	x	x	x
13	04001-154	Bolt, 5/16-18 x 4-3/4" Hex Head	x	x	x	46	483176	Pad, Deck Wear	x	x	x
14	04019-03	Serrated Flange Nut, 5/16-18	x	x	x	47	43028	J-Rod, Idler Pulley	x	x	x
15	481706	Cutter Blade 16-1/2"	x			48	43077	Spacer, J-Rod	x	x	x
	481707	Cutter Blade 18"		x		49	04041-12	Washer, 3/8 x 1-1/2 x 16 ga.	x	x	x
	481708	Cutter Blade 21"			x	50	04001-31	Bolt, 3/8-16 x 2-1/2" Hex Head	x	x	x
15A	481710	Cutter Blade 16-1/2" Hi Lift	x			51	481024	Seal, Cutter Spindle	x	x	x
	481711	Cutter Blade 18" Hi Lift		x		52	461841	Idler Arm Assy (Includes 62)	x	x	x
	481712	Cutter Blade 21" Hi Lift			x	53	43277	Spacer, J-Rod	x	x	x
16	04043-06	Flatwasher, 5/8" (.688 x 1.75 x .134)	x	x	x	54	48677	Relief Fitting, Cutter Spindle	x	x	x
17	04001-41	Hex Head Bolt, 5/8-11 x 9-1/2"	x	x	x	55	43312	Spacer, Outside, Cutter Spindle	x	x	x
18	461023	Caster Assembly (See Page 25)	x	x	x	56	43297	Spindle Bushing	x	x	x
19	48098	Spindle Shield	x	x	x	57	481035	Nut, Cutter Spindle	x	x	x
20	04017-16	Capscrew, 5/16-18 x 3/4"	x	x	x	58	481625-01	Knob, w/stud	x	x	x
21	461844	Discharge Chute	x			59	04001-51	Bolt, 3/8-16 x 3-3/4" Hex Head	x	x	x
	461845	Discharge Chute		x		60	43681	Idler Pivot	x	x	x
	461846	Discharge Chute			x	61	483215	Idler Pulley, Belt Clutch	x	x	x
22	04021-10	Nut, 5/16-18 Elastic Elastic Stop	x	x	x	62	48224	Bearing	x	x	x
23	04001-11	Bolt, 5/16-18 x 1-1/2" Hex Head	x	x	x	63	04003-12	Bolt, Carriage 5/16-18 x 3/4"	x	x	x
24	461866	Belt Cover (Includes decals)	x			64	482295	Guide Roller	x	x	x
	461867	Belt Cover (Includes decals)		x		65	45944	Roller Shaft	x	x	x
	461868	Belt Cover (Includes decals)			x	66	481025	Seal, Cutter Spindle	x	x	x
25	04043-04	Flat Washer, 3/8" Special	x	x	x	67	483378	Spring, Chute Return	x	x	x
26	04029-03	Wing Nut, 3/8-16 (Large)	x	x	x	68	424173	Baffle Weldment 48V	x		
27	04110-03	U-Nut, 3/8-16	x	x	x		424174	Baffle Weldment 52V		x	
28	48926	Tapered Hub	x	x	x		424164	Baffle Weldment 61V			x
29	04001-172	Bolt, 1/4-20 x 1" Hex Head	x	x	x	69	04001-62	Bolt, 3/8-16 x 3-1/4" Hex Head	x	x	x
30	04020-09	Nut, 5/8-11 Hex	x	x	x	70	04003-23	Bolt, Carriage 3/8-16 x 1"	x	x	x
31	482748	Pulley, Double	x	x		71	04001-22	Bolt, 3/8-16 x 2-3/4"	x	x	x
	48940	Pulley, Double			x	72	04021-22	Nut, Hex Lock 5/16-18	x	x	x
32	48087	Belt, RH Blade Drive	x			73	04030-03	Lock Washer 5/16	x	x	x
	48285	Belt, RH Blade Drive		x		74	424367	Dust Shield	x	x	x
	48265	Belt, RH Blade Drive			x						

* Measure the engine deck to determine frame size. 461855 is for small frame (16") & 461857 is for large frame (20")

ENGINE DECK - MANUAL START

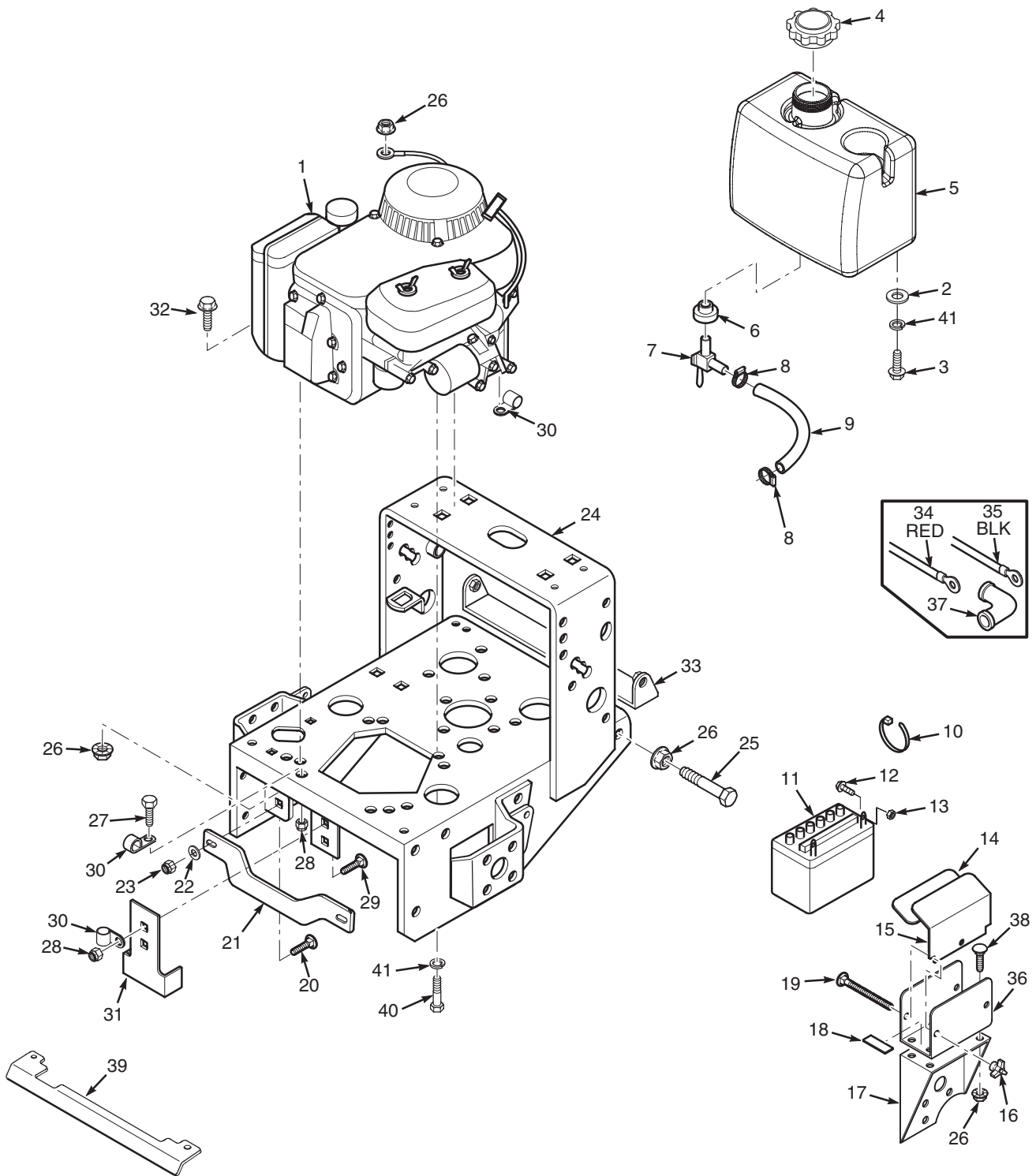


SWZ 07 EDMAN

ENGINE DECK - MANUAL START

Ref. No.	Part No.	Description	16KAI	17KAI	19KAI	18KH
1	483263	Engine, 16KAI Kawasaki	x			
	482927	Engine, 17KAI Kawasaki		x		
	482928	Engine, 19KAI Kawasaki			x	
	482854	Engine, 18KH Kohler				x
2	04040-15	Flatwasher, 5/16 (.375 x .875 x .083)	x	x	x	x
3	04001-09	Capscrew, 5/16-18 x 1" Hex Head	x	x	x	x
4	482547	Cap, Fuel Tank	x	x	x	x
5	461729	Fuel Tank Assy. (incl. 6, 7)	x	x	x	x
6	48309	Bushing	x	x	x	x
7	48308	Valve, Fuel Shut-off	x	x	x	x
8	48059-01	Clamp, Fuel Hose	x	x	x	x
9	48058	Fuel Hose, 1/4 ID x 18"	x	x	x	
	48058	Fuel Hose, 1/4 ID x 11"				x
10	48028-05	Cable Tie	x	x	x	x
11	04003-11	Carriage Bolt, 3/8-16 X 1-1/4"	x	x	x	x
12	424002	Brace, (16" Small Frame)	x	x	x	x
12A	424009	Brace, (20" Large Frame)		x	x	
13	04043-04	Flat Washer .391 x .938 x .105	x	x	x	x
14	04021-09	Nut, 3/8-16 Elastic Stop	x	x	x	x
15	04030-03	Lock Washer 5/16"	x	x	x	x
16	461745	Engine Deck, 16" Wide, w/decals	x	x	x	x
16A	461748	Engine Deck, 20" Wide, w/decals		x	x	
17	04017-19	Bolt, 5/16-18 x 1" Serrated Flange Hex Head	x	x	x	x
18	04001-17	Bolt, 5/16-18 x 2" Hex Head	x	x	x	x
19	04019-03	Nut, 5/16-18 Serr. Flange	x	x	x	x
20	423972	Heatshield (16" Small Frame)		x	x	x
20A	422882	Heatshield (20" Large Frame)		x	x	
21	45418	Pulley Guard, 16" Frame	x	x	x	x
21A	45419	Pulley Guard, 20" Frame		x	x	
22	04021-10	Nut, 5/16-18 Elastic Stop	x	x	x	x
23	04003-04	Carriage Bolt, 5/16-18 x 1"	x	x	x	x
24	48030-09	Clamp	x	x	x	x
25	421370	Clutch Bracket	x	x	x	x
26	04017-19	CapScrw, 5/16-18 x 1.50" Sr. Flg	x	x	x	x
27	481717	Wire Hrns. Adapter, 16KAI, 17KAI & 19 KAI	x	x	x	

ENGINE DECK - ELECTRIC START SWZ-21KAE

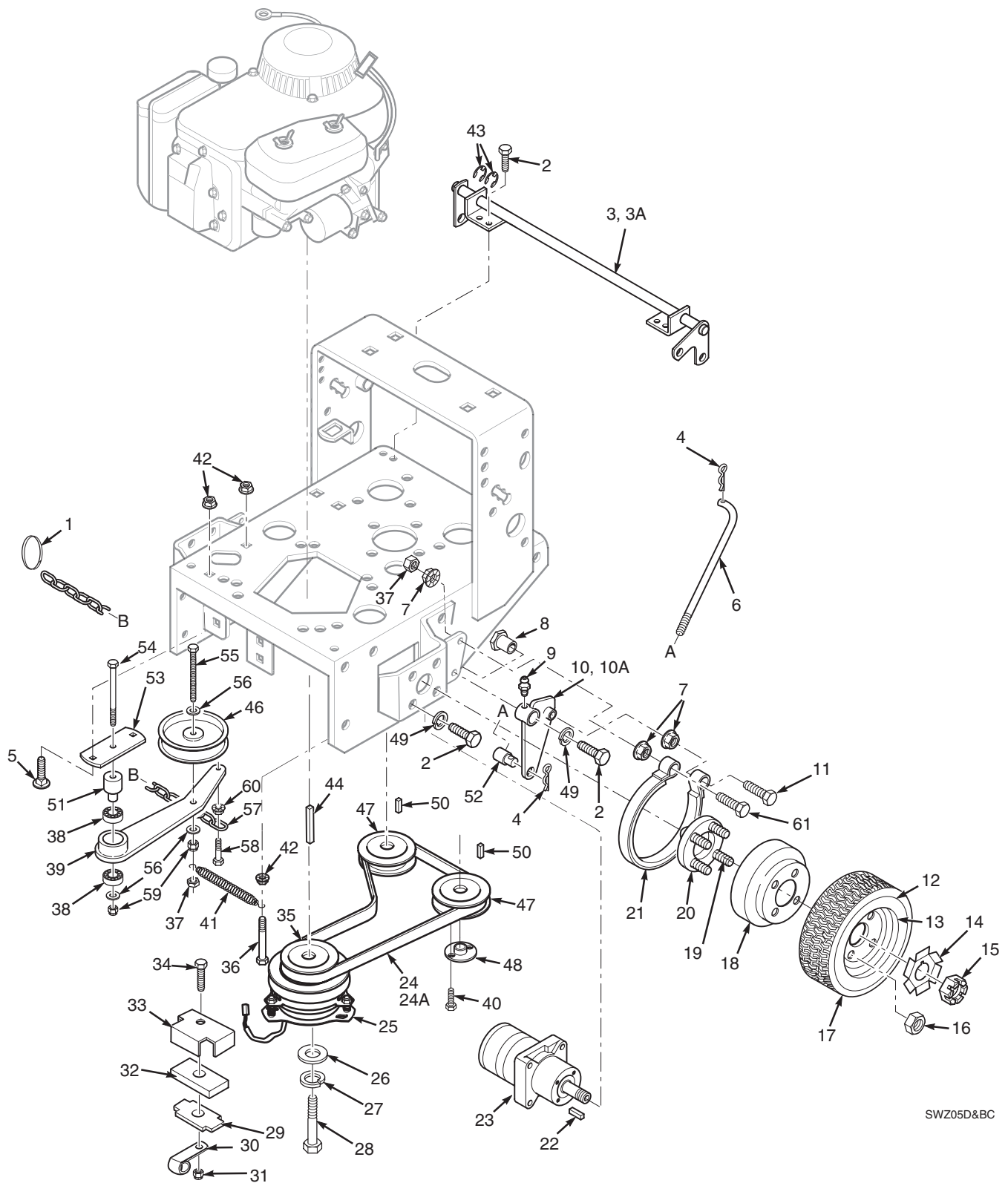


SWZ 07 EDELCT

ENGINE DECK - ELECTRIC START SWZ-21KAE

Ref. No.	Part No.	Description
1	481964	Engine, 21KAE Kawasaki
2	04040-15	Flatwasher, 5/16 (.375 x 875 x .083)
3	04001-09	Capscrew, 5/16-18 x 1" Hex Head
4	482547	Cap, Fuel Tank
5	461729	Fuel Tank Assy. (incl. 6, 7)
6	48309	Bushing
7	48308	Valve, Fuel Shut-off
8	48059-01	Clamp, Fuel Hose
9	48058	Fuel Hose, 1/4 ID x 20"
10	48028-05	Cable Tie
11	**	Battery (Not Available Through Scag)
12	04001-44	Bolt, 1/4-20 x .50"
13	04020-02	Nut, 1/4-20
14	48099	Pad
15	42392	Battery Cover
16	04029-01	Wing Nut, 1/4-20
17	423746	Battery Support
18	48661	Pad, Rubber
19	04003-01	Bolt, 1/4-20 x 6" Carriage
20	04003-11	Carriage Bolt, 3/8-16 X 1-1/4"
21	424009	Brace, (20" Large Frame)
22	04043-04	Flat Washer .391 x .938 x .105
23	04021-09	Nut, 3/8-16 Elastic Stop
24	461748	Engine Deck, 20" Wide, w/decals
25	04001-17	Bolt, 5/16-18 x 2" Hex Head
26	04019-03	Nut, 5/16-18 Serr. Flange
27	04001-08	Hex Head Bolt, 5/16-18 x .75"
28	04021-10	Nut, 5/16-18 Elastic Stop
29	04003-04	Carriage Bolt, 5/16-18 x 1"
30	48030-09	Clamp
31	421370	Clutch Bracket
32	04017-19	CapScrw, 5/16-18 x 1.50" Sr. Flg.
33	45419	Pulley Guard, 20" Frame
34	48029-02	Battery Cable, 31.5" Red
35	48029-14	Battery Cable, 31.5" Black
36	423308	Battery Box
37	48126	Rubber Boot
38	04003-12	Carriage Bolt, 5/16-18 x .75"
39	422882	Heatshield (20" Large Frame)
40	04017-19	Bolt, 5/16-18 x 1" Sr. Flg. Hex Head
41	04030-03	Lock Washer 5/16"

DRIVE AND BRAKE COMPONENTS

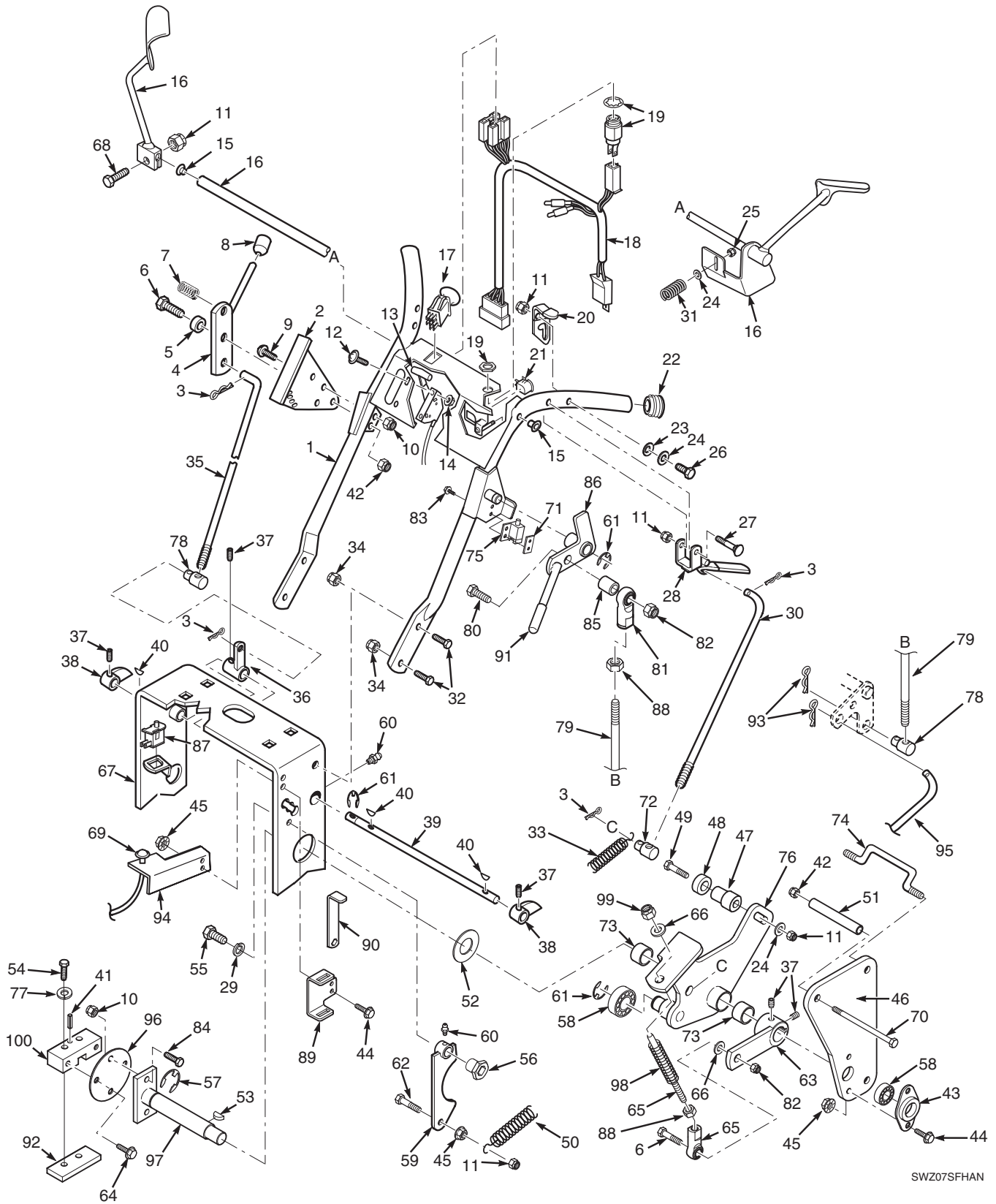


SWZ05D&BC

DRIVE AND BRAKE COMPONENTS

Ref. No.	Part. No.	Description	16KAI			
			17KAI	19KAI	21KAE	18KH
1	481876	Ring, Split	x	x	x	x
2	04001-19	Bolt, 3/8-16 x 1" Hex Head	x	x	x	x
3	45842	Brake Shaft Assembly Weldment (16" Small Frame)	x	x		x
3A	45854	Brake Shaft Assembly Weldment (20" Large Frame)		x	x	
4	04062-01	Hair Pin Cotter, .094 x 1.62	x	x	x	x
5	04003-12	Carrage Bolt, 5/16-18 x .75"	x	x	x	x
6	44126	Rod, Brake Lower	x	x	x	x
7	04019-04	Nut, 3/8-16 Serr. Flange	x	x	x	x
8	43415	Bushing, Brake	x	x	x	x
9	48114-05	Grease Fitting	x	x	x	x
10	45860	Brake Actuator Weldment-LH	x	x	x	x
10A	45861	Brake Actuator Weldment-RH	x	x	x	x
11	04001-46	Bolt, 3/8-16 x 2-1/4"	x	x	x	x
12	481618	Tire, 16 x 6.50, 4 ply	x	x	x	x
13	481890	Rim Assy	x	x	x	x
14	422214	Lock Washer, Wheel Motor	x	x	x	x
15	48679	Hex Castle Nut, 3/4-28 UNEF	x	x	x	x
16	04028-02	Nut, Lug	x	x	x	x
17	481502	Wheel Assy., (incl. 12,13)	x	x	x	x
18	422215	Brake Drum	x	x	x	x
19	04008-01	1/2-20 Serrated Bolt	x	x	x	x
20	46928	Hub, Wheel	x	x	x	x
21	481470	Brake Band, 7.5"	x	x	x	x
22	04063-07	Key, 3/16 X .75 Woodruff	x	x	x	x
23	481416	Wheel Motor	x	x	x	x
24	48553	Belt, Pump Drive (16" Small Frame)	x	x		x
24A	48587	Belt, Pump Drive (20" Large Frame)		x	x	
25	461397	Electric Clutch	x	x	x	x
26	04041-28	Flat Washer .469 x 1.75 x .25	x	x	x	x
27	04030-05	Lock Washer, 7/16	x	x	x	x
28	04102-05	Hex Head Bolt, 7/16-20 x 2-3/4"	x	x	x	x
29	422534	Plate, Backing	x	x	x	x
30	48030-09	Clamp	x	x	x	x
31	04021-10	Nut, 5/16-18 Elastic Stop	x	x	x	x
32	481716	Rubber Pad, Clutch Stop	x	x	x	x
33	422533	Retainer, Clutch Stop	x	x	x	x
34	04001-12	Hex Head Bolt, 5/16-18 x 1.75"	x	x	x	x
35	482755	Pulley, Pump Drive Engine	x	x	x	x
36	04001-13	Hex Head Bolt, 5/16-18 x 2.75"	x	x	x	x
37	04021-05	Nut, 3/8-16 Center Lock	x	x	x	x
38	48224	Ball Bearings	x	x	x	x
39	461783	Idler Arm Weldment, Pump (incl. 38)	x	x	x	x
40	04001-172	Bolt, Hex Head 1/4-20 x 1" Grd 8	x	x	x	x
41	481835	Spring, Pump Belt Idler	x	x	x	x
42	04019-03	Nut, 5/16-18 Serr. Flange	x	x	x	x
43	04050-02	Retaining Ring, 3/4" Ext. "E"	x	x	x	x
44	04063-29	Key, 1/4x1/4 x 3.75"	x	x	x	x
45	04041-07	Flat Washer, 3/8	x	x	x	x
46	483213	Pulley, Idler 4.5"	x	x	x	x
47	482649	Pulley, Pump Shaft	x	x	x	x
48	482085	Tapered Hub	x	x	x	x
49	04030-04	Lockwasher, 3/8	x	x	x	x
50	04063-14	Key, 5.0 x 5.0 x 25mm	x	x	x	x
51	43504	Pivot, Idler (Long)	x	x	x	x
52	43032	Swivel Joint	x	x	x	x
53	422713	Base, Idler Pivot	x	x	x	x
54	04001-54	Bolt, Hex Head 3/8-16 x 3"	x	x	x	x
55	04001-161	Bolt, Hex Head 3/8-16 x 2.75"	x	x	x	x
56	04043-04	Flatwasher 3/8"	x	x	x	x
57	481873	Chain	x	x	x	x
58	04001-59	Bolt, Hex Head 1/4-20 x 1.25"	x	x	x	x
59	04021-09	Nut, Hex Elastic Stop 3/8-16	x	x	x	x
60	04019-02	Nut, Serrated Flange 1/4-20	x	x	x	x
61	04001-151	Bolt, Hex Head 3/8-16 x 2.63"	x	x	x	x

HANDLE ASSEMBLY *SMALL FRAME (16")



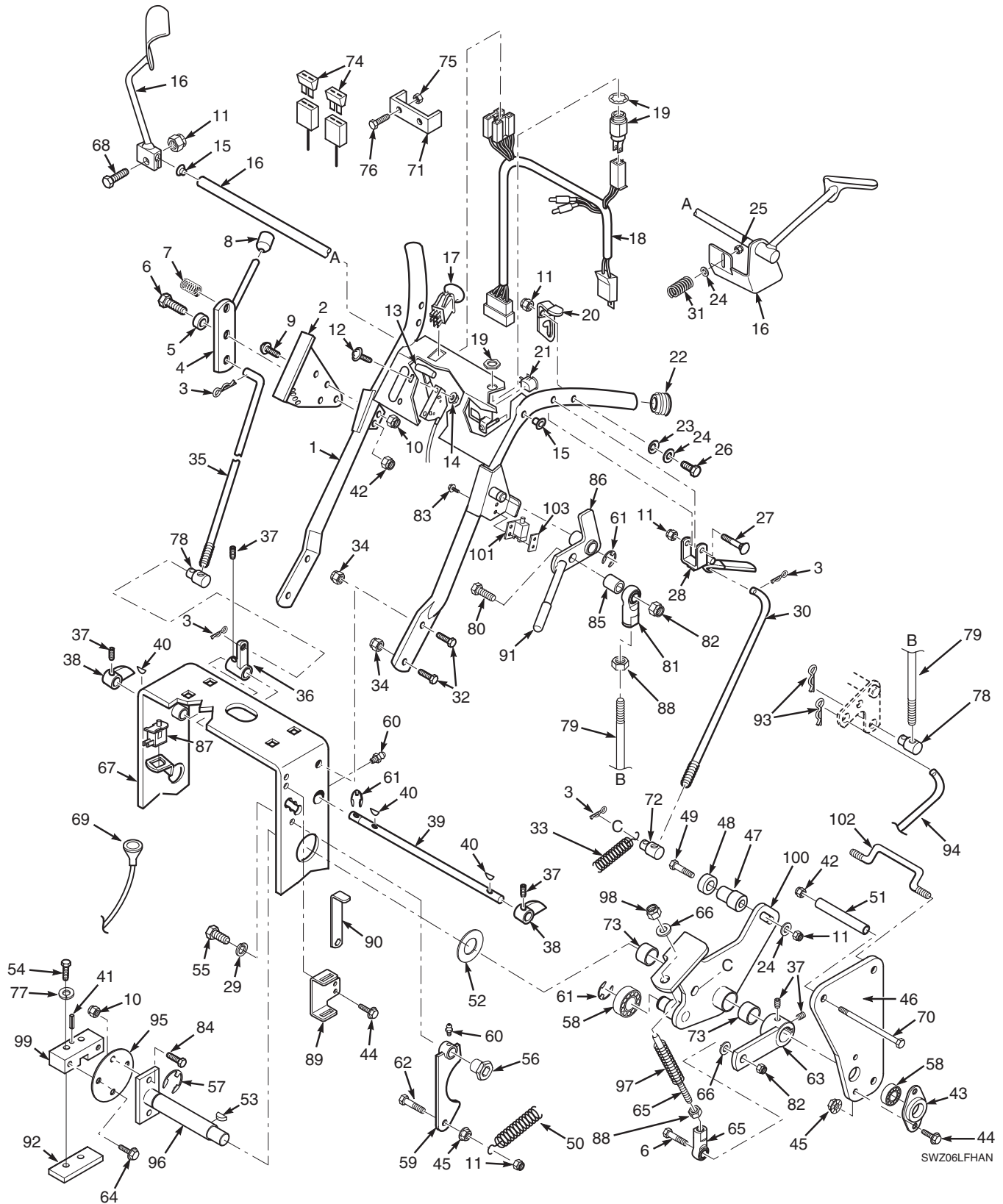
SWZ07SFHAN

HANDLE ASSEMBLY *SMALL FRAME (16")

Ref. No.	Part No.	Description	16KAI			Ref. No.	Part No.	Description	16KAI		
			17KAI	19KAI	18KH				17KAI	19KAI	18KH
1	461839	Upper Handle Wlmt. W/Decals	x	x	x	50	48494-02	Spring, Return	x	x	x
2	42675	Quadrant, Speed Control	x	x	x	51	43522	Spacer, Side Plate	x	x	x
3	04062-02	Hairpin, .094 x 1.19	x	x	x	52	04041-08S	Flat Wshr., .766 x 1.25 x .035	x	x	x
4	45282	Lever, Speed Adjustment	x	x	x	53	04063-07	Key, Woodruff, 3/16 x .75	x	x	x
5	43086	Bushing, Speed Adjustment Lever	x	x	x	54	04001-59	Bolt, Hex Head, 1/4-20 x 1.25"	x	x	x
6	04001-20	Hex Head Bolt, 3/8-16 x 1.5"	x	x	x	55	04001-19	Bolt, Hex Head, 3/8-16 x 1"	x	x	x
7	48493-01	Ball Plunger	x	x	x	56	43415	Bushing, Brake	x	x	x
8	48092	Knob, Speed Adjustment	x	x	x	57	04050-02	Clip, Retaining .750 diameter	x	x	x
9	04014-01	Capscrew, 1/4-20 x 3/4" FHHS	x	x	x	58	48224	Bearing, Ball Neutral Return	x	x	x
10	04021-08	Nut, 1/4-20 Elastic Stop	x	x	x	59	46747	Cam, Neutral (incl. grease ftng.)	x	x	x
11	04021-10	Nut, 5/16-18 Elastic Stop	x	x	x	60	48114-05	Grease Fitting, 1/4-28 UNF	x	x	x
12	04010-01	Screw, #10-32 x 1/2" PW HD	x	x	x	61	04050-01	Retaining Ring, 5/8"	x	x	x
13	48946	Throttle Control	x	x		62	04001-09	Hex Head Bolt, 5/16-18 x 1"	x	x	x
	482814				x	63	483414	Lever, Speed Control	x	x	x
14	04019-01	Nut, #10-32 Serr. Flange	x	x	x	64	04017-05	Bolt, Hex Head 1/4-20 x.75"	x	x	x
15	483142	Bushing	x	x	x	65	482431	Linkage Assembly	x	x	x
16	451759	Handle, Oper. Presence-RH	x	x	x	66	04041-07	Flat Wshr., 15/16 x .3906 x 12 ga	x	x	x
	451757	Handle, Oper. Presence-LH	x	x	x	67	461745	Deck, Engine 16" Wide	x	x	x
17	483162	Switch, Electric Clutch Engage	x	x	x	68	04001-10	Hex Head Bolt, 5/16-18 x 1.25"	x	x	x
18	482686	Wire Harness, Manual Start	x	x	x	69	482314	Choke Control	x	x	
19	48609	Key Switch, Manual Srt. (inc. Hdw)	x	x	x	70	04001-152	Bolt, Hex Head 3/8-16 x 4.25"	x	x	x
20	461242	Neutral Latch-RH	x	x	x	71	422373	Plate, Threaded	x	x	x
	461241	Neutral Latch-LH	x	x	x	72	43520	Swivel Joint, Steering Rod	x	x	x
21	48717	Switch, Neutral Interlock	x	x	x	73	48100-06	Bushing	x	x	x
22	483161	Plug, Handlebar	x	x	x	74	44144	Rod, Offset	x	x	x
23	04032-01	Washer, Curved Spring	x	x	x	75	481545	Switch, Parking Brake	x	x	x
24	04040-15	Flat Washer	x	x	x	76	461964	Control, LH (inc. bush. & decal)	x	x	x
25	04021-10	Nut, 5/16-18 Elastic Stop	x	x	x		461965	Control, RH (inc. bush. & decal)	x	x	x
26	04001-17	Hex Head Bolt, 5/16-18 x 2"	x	x	x	77	04030-02	Lockwasher, 1/4"	x	x	x
27	04001-53	Hex Hd. Bolt, 5/16-18 x 2.5"	x	x	x	78	43032	Swivel Joint	x	x	x
28	483160	Lever, Steering Control	x	x	x	79	44143	Rod, Brake Lever	x	x	x
29	04030-04	Lockwasher, 3/8 Spring	x	x	x	80	04001-45	Hex Hd. Bolt, 3/8-16 x 2.00"	x	x	x
30	44141	Rod, Steering Control	x	x	x	81	48464	Ball Joint, RH Thread	x	x	x
31	483040	Spring, Operator Presence	x	x	x	82	04021-09	Nut, 3/8-16 Elastic Stop	x	x	x
32	04017-27	Capscre., 3/8-16 x 1" Ser. Flange	x	x	x	83	04010-12	Screw #10-32 Slt'd Hex Wshr Hd	x	x	x
33	483470	Spring	x	x	x	84	04001-01	Bolt, 1/4-20 x .75"	x	x	x
34	04019-04	Nut, 3/8-16 Serr. Flange	x	x	x	85	43286	Spacer	x	x	x
35	44142	Rod Speed Control	x	x	x	86	461605	Parking Brake Lever with Grip	x	x	x
36	451562	Bellcrank, Speed Control	x	x	x	87	48717	Switch, Safety	x	x	x
37	04012-02	Setscrew, 1/4-28 x .25"	x	x	x	88	04020-14	Nut, 3/8-24	x	x	x
38	46335	Cam, Speed Control (incl. SS)	x	x	x	89	423876	Mounting Bracket, Wrench	x	x	x
39	43166	Jackshaft, Speed Control	x	x	x	90	423875	Wrench	x	x	x
40	04063-13	Key, 1/8 x 1/2" Woodruff	x	x	x	91	48342	Grip, Parking Brake	x	x	x
41	04060-06	Roll Pin, 3/16-.75	x	x	x	92	421203	Plate, Threaded	x	x	x
42	04021-10	Nut, Elastic Stop 3/8-16	x	x	x	93	04062-01	Hairpin, .094 x 1.62"	x	x	x
43	48223	Flange, Bearing	x	x	x	94	424113	Bracket, Choke Mtg.	x	x	
44	04017-17	Capscrew, 5/16-18 x 1" Serr. Flg.	x	x	x	95	44126	Rod, Lower Brake	x	x	x
45	04019-03	Nut, 5/16-18 Serrated Flange	x	x	x	96	422273	Plate, Coupler	x	x	x
46	422795	Plate, Side	x	x	x	97	451113	Shaft, Pump Control	x	x	x
47	43536	Spacer, Neutral Bearing	x	x	x	98	481879	Spring	x	x	x
48	48409	Bearing, Speed Ctrl. Bellcrank	x	x	x	99	04021-09	Nut, 3/8-16 Elastic Stop	x	x	x
49	04001-69	Hex Head Bolt, 5/16-18 x 1-3/4"	x	x	x	100	48829	Block, Pump Control	x	x	x

* Measure the width of the engine deck to determine frame size. "Small Frame" is 16" wide.

HANDLE ASSEMBLY *LARGE FRAME (20")

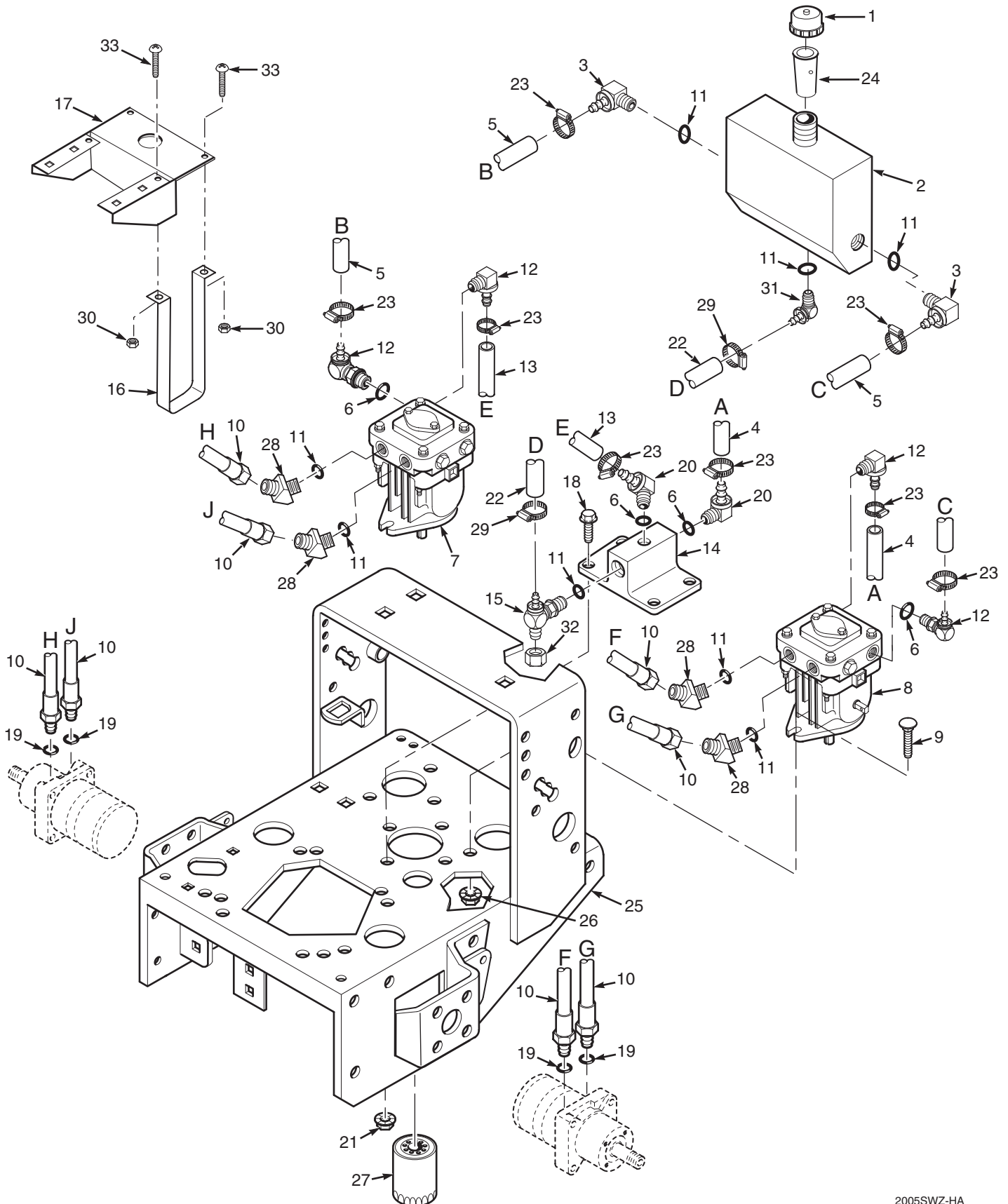


HANDLE ASSEMBLY *LARGE FRAME (20")

Ref. No.	Part No.	Description	19KAI	21KAE	Ref. No.	Part No.	Description	19KAI	21KAE
1	461840	Upper Handle Wlmt. W/Decals	x	x	51	43522	Spacer, Side Plate	x	x
2	42675	Quadrant, Speed Control	x	x	52	04041-08S	Flat Wshr., .766 x 1.25 x .035	x	x
3	04062-02	Hairpin, .094 x 1.19	x	x	53	04063-07	Key, Woodruff, 3/16 x .75"	x	x
4	45282	Lever, Speed Adjustment	x	x	54	04001-59	Bolt, Hex Head, 1/4-20 x 1.25	x	x
5	43086	Bushing, Speed Adjustment Lever	x	x	55	04001-19	Bolt, Hex Head 3/8-16 x 1"	x	x
6	04001-20	Hex Head Bolt, 3/8-16 x 1.5"	x	x	56	43415	Bushing, Brake	x	x
7	48493-01	Ball Plunger	x	x	57	04050-02	Clip, Retaining .750 diameter	x	x
8	48092	Knob, Speed Adjustment	x	x	58	48224	Bearing, Ball Neutral Return	x	x
9	04014-01	Capscrew, 1/4-20 x 3/4" FHHS	x	x	59	46747	Cam, Neutral (incl. grease ftng.)	x	x
10	04021-08	Nut, 1/4-20 Elastic Stop	x	x	60	48114-05	Grease Fitting, 1/4-28 UNF	x	x
11	04021-10	Nut, 5/16-18 Elastic Stop	x	x	61	04050-01	Retaining Ring, 5/8"	x	x
12	04010-01	Screw, #10-32 x 1/2" PW HD	x	x	62	04001-09	Hex Head Bolt, 5/16-18 x 1"	x	x
13	48946	Throttle Control	x	x	63	483414	Lever, Speed Control	x	x
14	04019-01	Nut, #10-32 Serr. Flange	x	x	64	04017-05	Bolt, Hex Head 1/4-20 x .75"	x	x
15	483142	Bushing	x	x	65	482431	Linkage Assembly	x	x
16	451759	Handle, Oper. Presence-RH	x	x	66	04041-07	Flat Wshr., 15/16 x .3906 x 12 ga	x	x
	451758	Handle, Oper. Presence-LH	x	x	67	461748	Deck, Engine 20" Wide	x	x
17	483162	Switch, Electric Clutch Engage	x	x	68	04001-10	Hex Head Bolt, 5/16-18 x 1.25"	x	x
18	482686	Wire Harness, Manual Start	x		69	482314	Choke Control	x	x
	482687	Wire Harness, Electric Start		x	70	04001-152	Bolt, Hex Head 3/8-16 x 4.25"	x	x
19	48609	Key Switch, Manual Srt. (inc. Hdw)	x		71	42413	Fuse Holder		x
	48798	Key Switch, Electric Srt. (inc. Hdw)		x	72	43520	Swivel Joint, Steering Rod	x	x
20	461242	Neutral Latch-RH	x	x	73	48100-06	Bushing	x	x
	461241	Neutral Latch-LH	x	x	74	48298	Blade Fuse, 20A		x
21	48717	Switch, Neutral Interlock	x	x	75	04021-01	Nut, #10-32 Elastic Stop		x
22	483161	Plug, Handlebar	x	x	76	04010-03	Screw, #10-32 x 1.5" Phillips		x
23	04032-01	Washer, Curved Spring	x	x	77	04030-02	Lockwasher, 1/4"	x	x
24	04040-15	Flat Washer	x	x	78	43032	Swivel Joint	x	x
25	04021-10	Nut, 5/16-18 Elastic Stop	x	x	79	44143	Rod, Brake Lever	x	x
26	04001-17	Hex Head Bolt, 5/16-18 x 2"	x	x	80	04001-45	Hex Hd. Bolt, 3/8-16 x 2.00"	x	x
27	04001-53	Hex Hd. Bolt, 5/16-18 x 2.5"	x	x	81	48464	Ball Joint, RH Thread	x	x
28	483160	Lever, Steering Control	x	x	82	04021-09	Nut, 3/8-16 Elastic Stop	x	x
29	04030-04	Lockwasher, 3/8 Spring	x	x	83	04010-12	Screw #10-32 Sltd Hex Wshr Hd	x	x
30	44141	Rod, Steering Control	x	x	84	04001-01	Bolt, 1/4-20 x .75"	x	x
31	483040	Spring, Handle Return	x	x	85	43286	Spacer	x	x
32	04017-27	Capscr., 3/8-16 x 1" Ser. Flange	x	x	86	461605	Parking Brake Lever with Grip	x	x
33	483470	Spring	x	x	87	48717	Switch, Safety	x	x
34	04019-04	Nut, 3/8-16 Serr. Flange	x	x	88	04020-14	Nut, 3/8-24	x	x
35	44142	Rod Speed Control	x	x	89	423876	Mounting Bracket, Wrench	x	x
36	451562	Bellcrank, Speed Control	x	x	90	423875	Wrench	x	x
37	04012-02	Setscrew, 1/4-28 x .25"	x	x	91	48342	Grip, Parking Brake	x	x
38	46335	Cam, Speed Control (incl. SS)	x	x	92	421203	Plate, Threaded	x	x
39	43155	Jackshaft, Speed Control	x	x	93	04062-01	Hairpin, .094 x 1.62"	x	x
40	04063-13	Key, 1/8 x 1/2" Woodruff	x	x	94	44126	Rod, Lower Brake	x	x
41	04060-06	Roll Pin, 3/16-.75	x	x	95	422273	Plate, Coupler	x	x
42	04021-10	Nut, Elastic Stop 3/8-16	x	x	96	451113	Shaft, Pump Control	x	x
43	48223	Flange, Bearing	x	x	97	481879	Spring	x	x
44	04017-17	Capscrew, 5/16-18 x 1" Serr. Flg.	x	x	98	04021-09	Nut, 3/8-16 Elastic Stop	x	x
45	04019-03	Nut, 5/16-18 Serrated Flange	x	x	99	48829	Block, Pump Control	x	x
46	422795	Plate, Side	x	x	100	461964	Control, LH (inc. bush. & decal)	x	x
47	43536	Spacer, Neutral Bearing	x	x		461965	Control, RH (inc. bush. & decal)	x	x
48	48409	Bearing, Speed Ctrl. Bellcrank	x	x	101	481545	Switch, Parking Brake	x	x
49	04001-69	Hex Head Bolt, 5/16-18 x 1-3/4"	x	x	102	44144	Rod, Offset	x	x
50	48494-02	Spring, Return	x	x	103	422373	Plate, Threaded	x	x

* Measure the width of the engine deck to determine frame size. "Large Frame" is 20" wide.

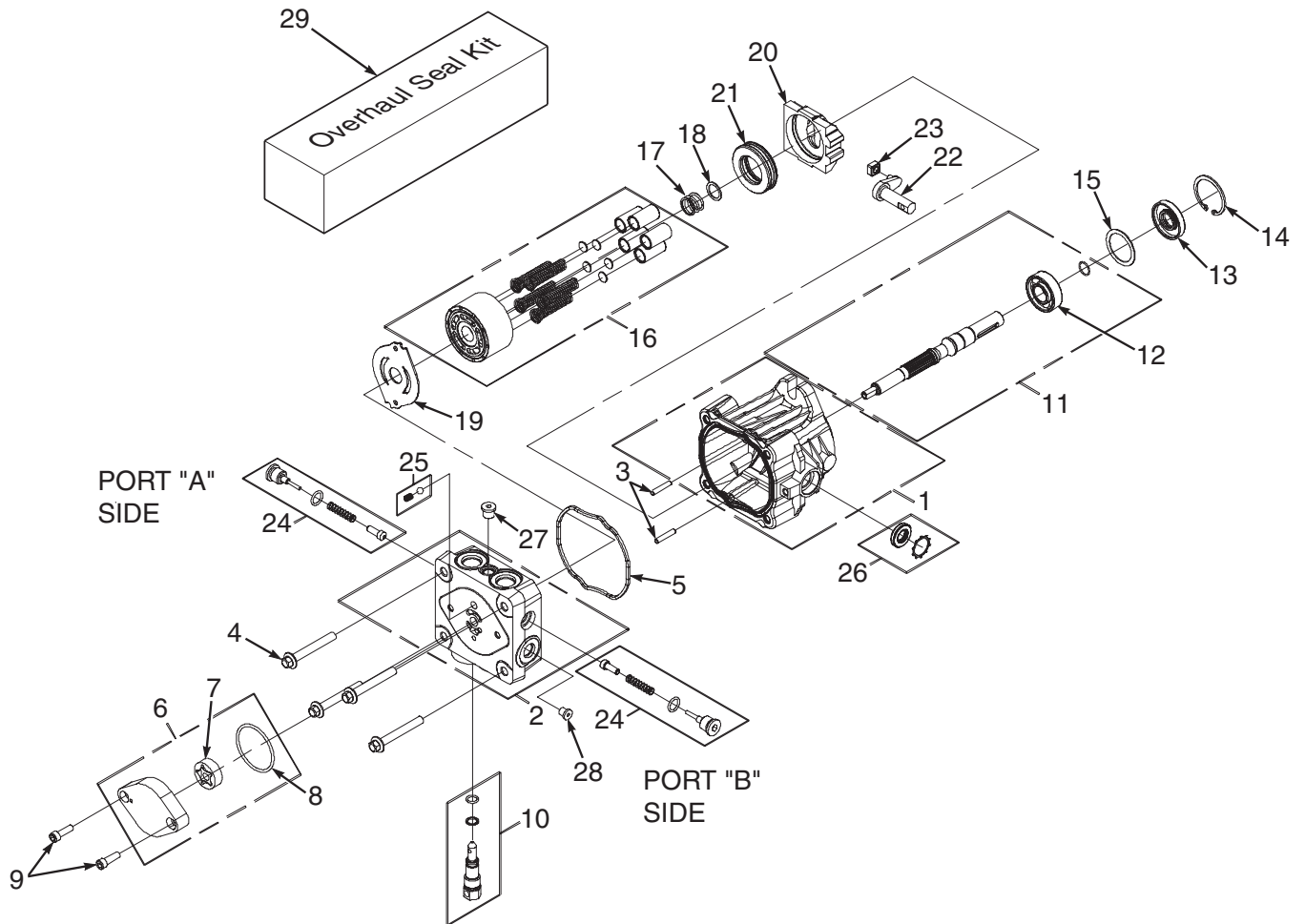
HYDRAULIC ASSEMBLY



HYDRAULIC ASSEMBLY

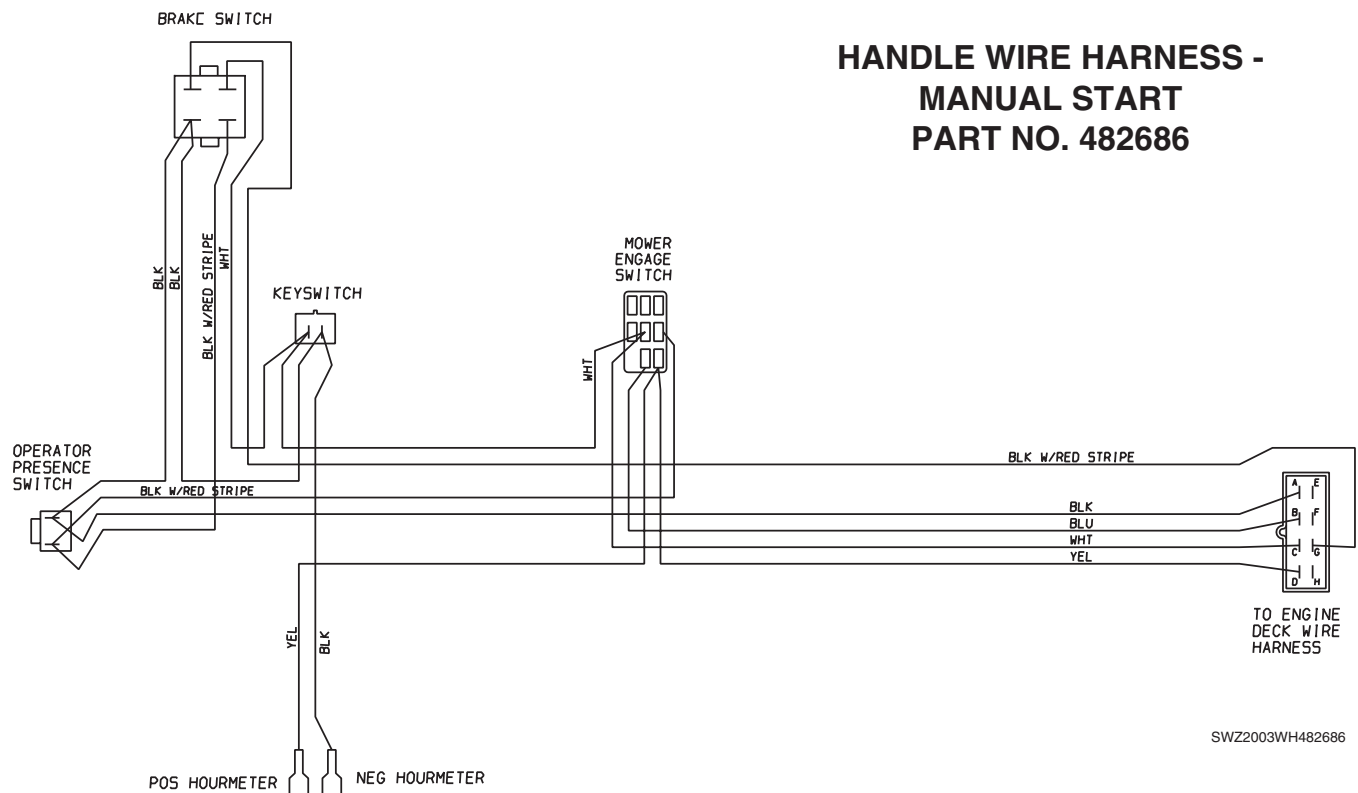
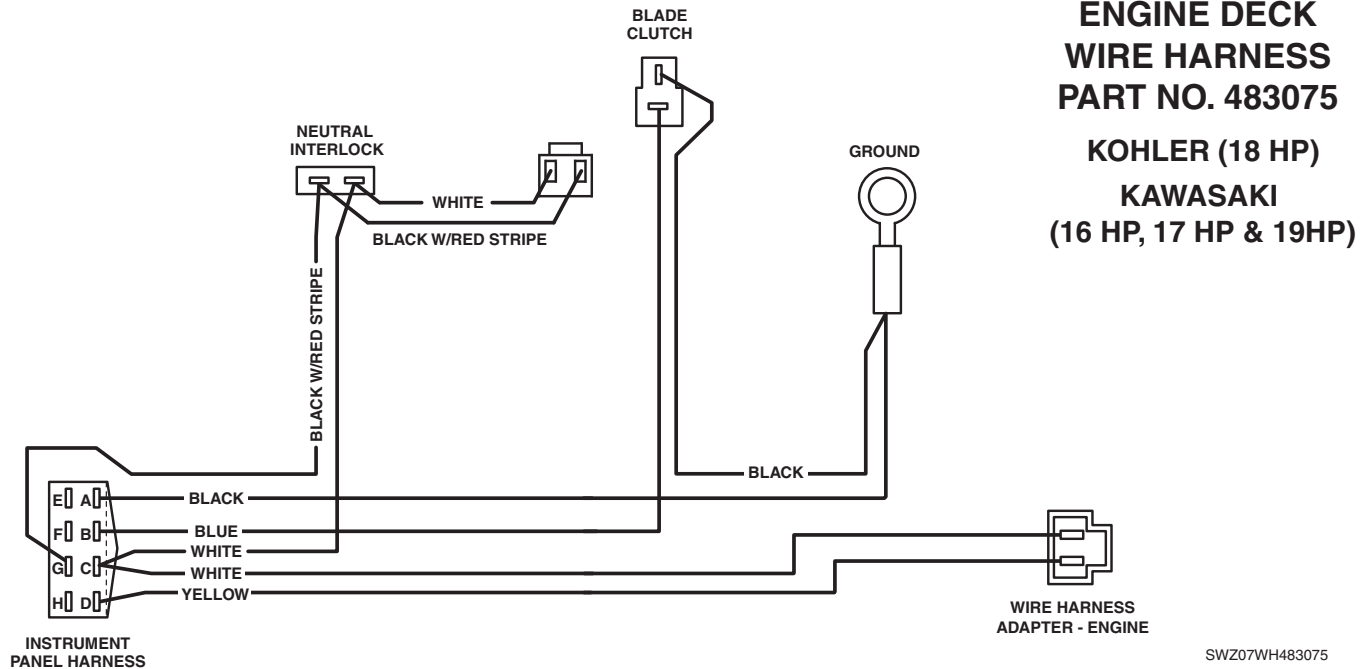
Ref. No.	Part Number	Description
1	481164	Cap, Oil Reservoir
2	461428	Oil Reservoir (With Fittings)
3	482266-01	Elbow, 9/16 O-Ring x 3/8 Hose
4	48811	Hose, 3/8" ID - 10-1/4" Long (Order By The Inch)
5	48811	Hose, 3/8" ID - 7" Long (Order By The Inch)
6	48603-06	O-Ring
7	483097	Pump, PG-1JQQ-DY1X-XXXX (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) with Decals - Small Frame
	461748	Engine Deck (20" Wide) with Decals - Large Frame
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 di.
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 2.0" Round Head Phillips

HYDRAULIC PUMP ASSEMBLY

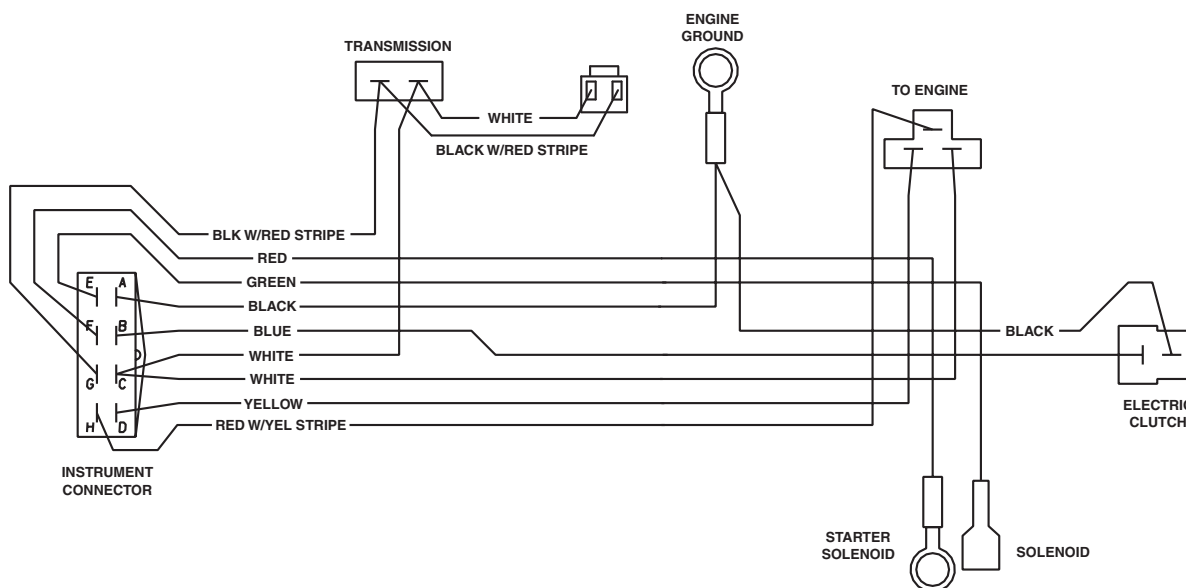


HYDRAULIC PUMP ASSEMBLY

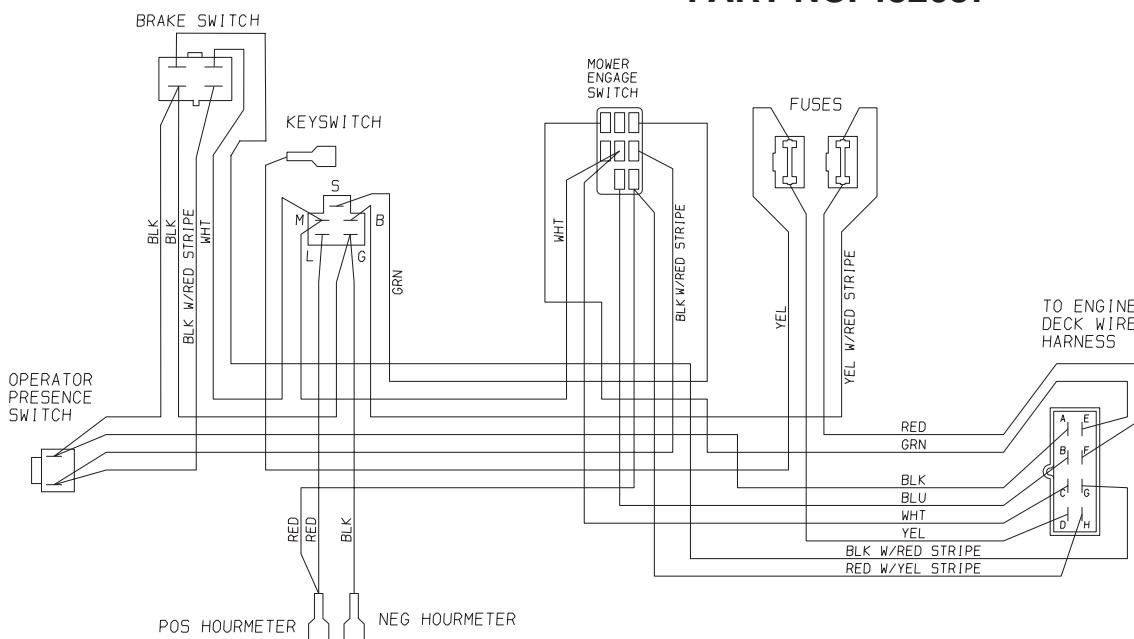
Ref. No.	Part Number	Description
1	HG 70516	Housing Kit
2	HG 70573	End Cap Kit
3	HG 50641	Straight Headless Pin
4	HG 50969	Hex Flange Bolt, M8-1.25 x 60mm
5	HG 51232	Housing O-Ring
6	HG 2513027	Charge Pump Kit
7	HG 50273	Gerotor Assembly
8	HG 9004101-1340	O-Ring
9	HG 50095	Socket Head Screw, M6 x 1.0-20mm
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



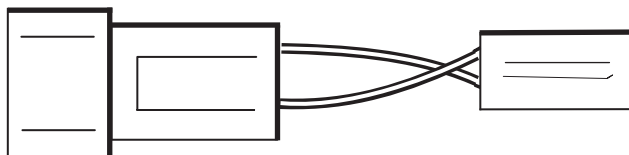
ENGINE DECK WIRING HARNESS KAWASAKI ELECTRIC START PART NUMBER: 483076



HANDLE WIRING HARNESS KAWASAKI ELECTRIC START PART NO. 482687



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



SWZ07WH481717

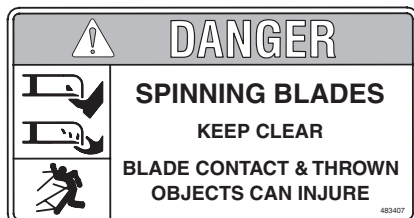
REPLACEMENT DECALS AND INFORMATION PLATES



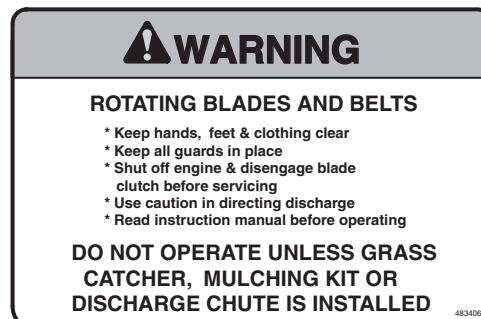
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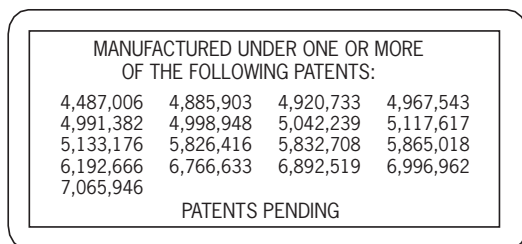
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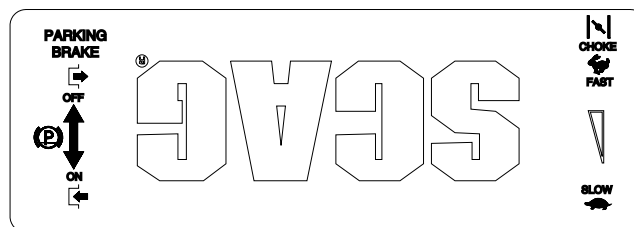
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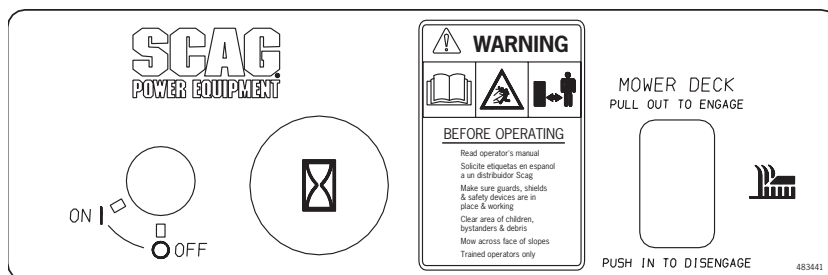
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5



6



7



48404

8

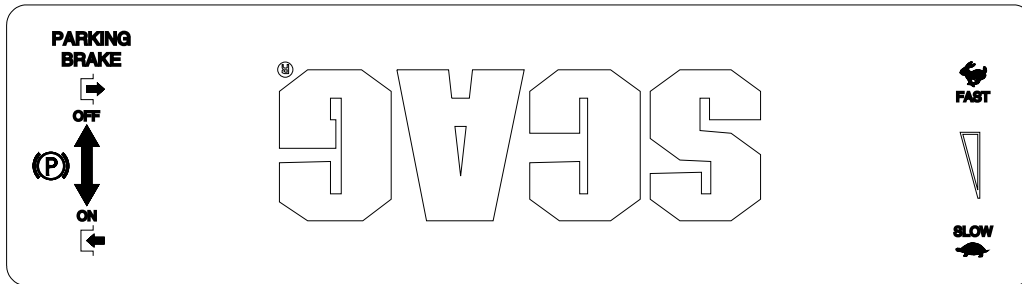


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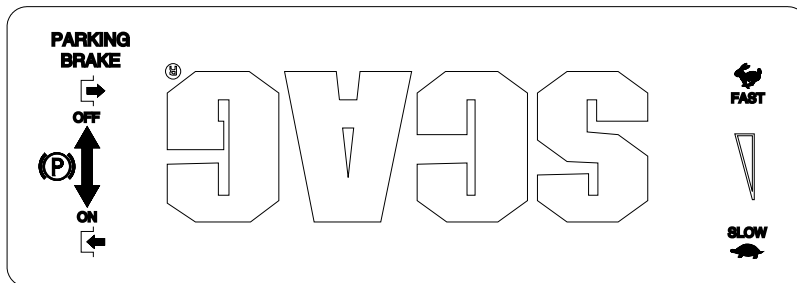


10

REPLACEMENT DECALS AND INFORMATION PLATES



11



12



13

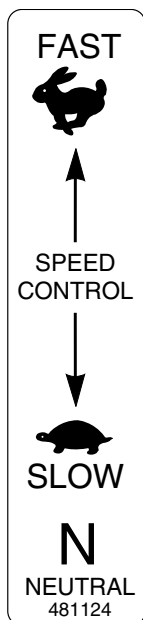


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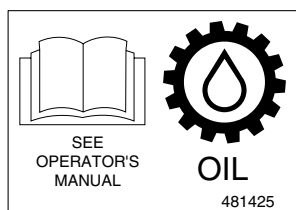


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REPLACEMENT DECALS AND INFORMATION PLATES



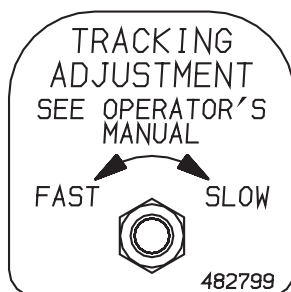
16



18



17



19

482816

CUTTING HEIGHT ADJUSTMENT

DECK MOUNTING HOLE POSITION

NUMBER OF CASTER SPACERS (BELOW SUPPORT)

NUMBER OF SPACERS ABOVE CUTTER BLADES

	0	1	2	3	4	5
TOP	0	-	-	2-3/8	2-1/8	1-7/8
MIDDLE	0	-	-	2-5/8	2-3/8	2-1/8
MIDDLE	1	-	-	2-3/4	2-1/2	2-1/4
BOTTOM	2	-	-	-	-	2-7/8
BOTTOM	3	-	4	3-3/4	3-1/2	3-1/4
BOTTOM	4	4-3/8	4-1/8	3-7/8	3-5/8	3-3/8

TOP	0	-	-	2-3/8	2-1/8	1-7/8	1-5/8
MIDDLE	0	-	-	2-5/8	2-3/8	2-1/8	1-7/8
MIDDLE	1	-	-	2-3/4	2-1/2	2-1/4	2
BOTTOM	2	-	-	-	-	2-7/8	2-5/8
BOTTOM	3	-	4	3-3/4	3-1/2	3-1/4	3
BOTTOM	4	4-3/8	4-1/8	3-7/8	3-5/8	3-3/8	3-1/8

20

Ref. No.	Part No.	Description
1	483405	Decal, Discharge Chute
2	48314	Decal, Scag Logo
3	483407	Decal, Danger-Spinning Blades
4	483406	Decal, Warning-Rotating Blades
5	483044	Decal, Patents
6	481414	Decal, Instrument Panel - Front (SWZ52V-18KH)
7	483441	Decal, Instrument Panel - Rear
8	48404	Decal, Metalcraft - Made in USA
9	483404	Decal, Sulky Attachment
10	483402	Decal, Belt Cover
11	481423	Decal, Instrument Panel - Front (SWZ-19KAI & SWZ-21KAE)
12	481438	Decal, Instrument Panel - Front (SWZ 36A-16KAI, SWZ48V-17KAI, SWZ52V-17KAI, SWZ52V-19KAI)
13	482297	Decal, 36 Advantage
14	483199	Decal, 48 Velocity Plus
	483200	Decal, 52 Velocity Plus
	483201	Decal, 61 Velocity Plus
15	481971	Decal, Heavy Duty Commercial
16	481124	Decal, Speed Control
17	481942	Decal, Scag Zero Turn
18	481425	Decal, Oil
19	482799	Decal, Tracking Adjustment
20	482816	Decal, Height of Cut
**	461986	Spanish Decal Kit, Walk-Behinds (Not Shown)