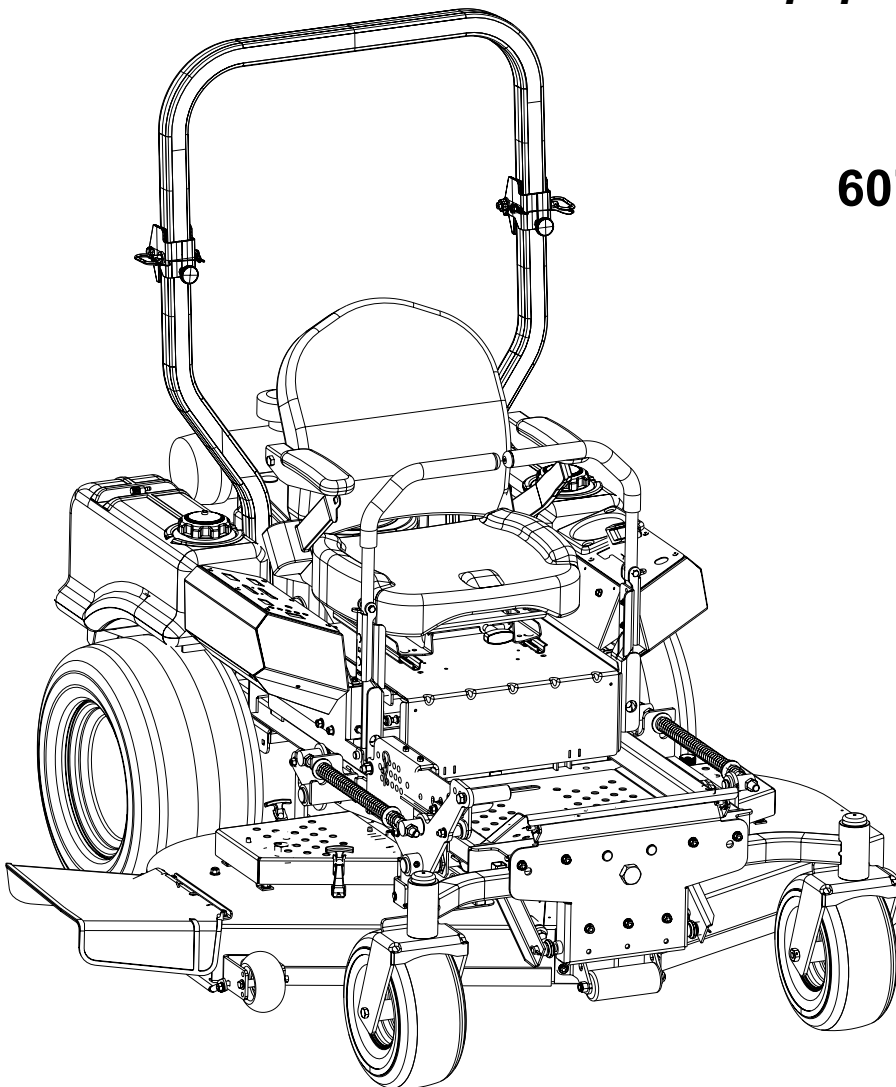




Hydrostatic Zero-Turn Commercial Riding Mower

Professional Turf Equipment

60" Fabricated Deck



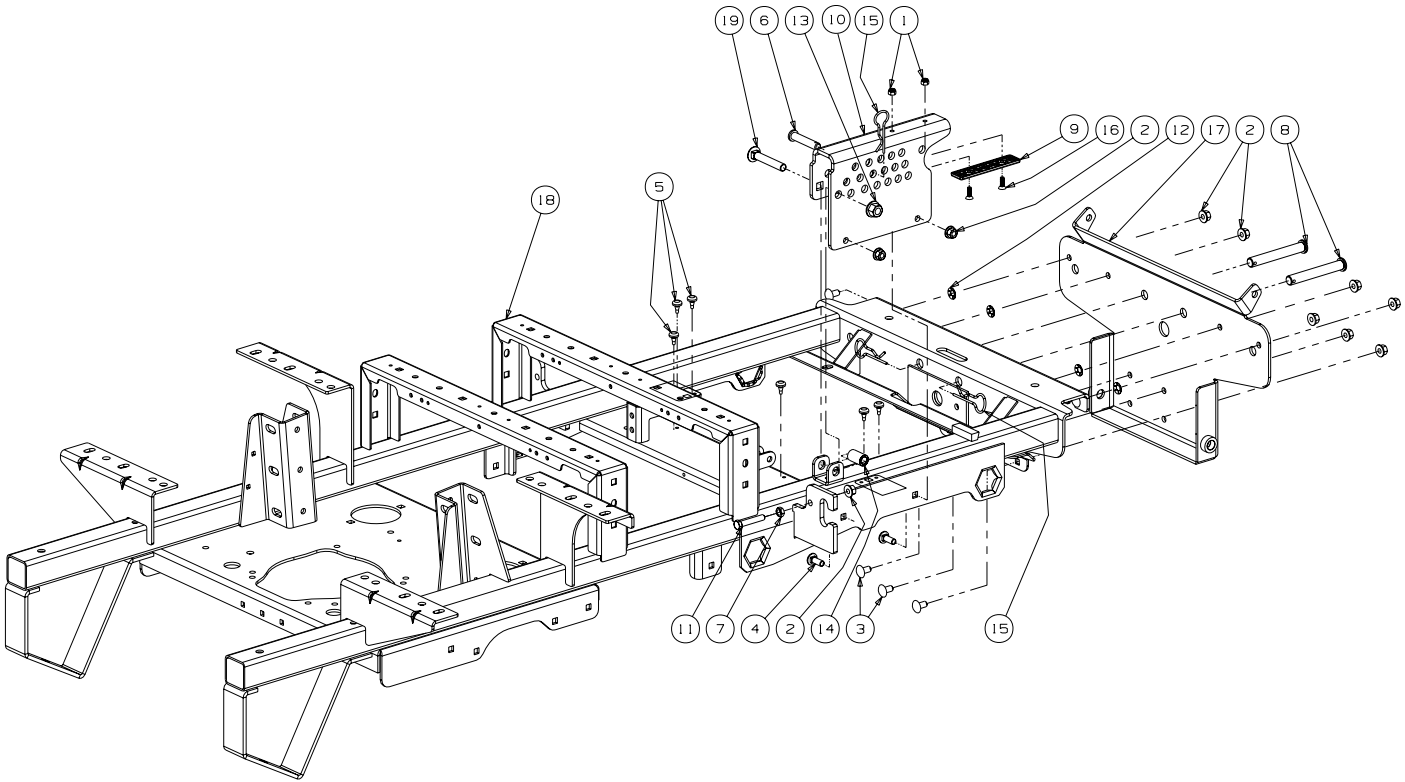
ILLUSTRATED PARTS LIST

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MODELS LISTED IN THIS MANUAL

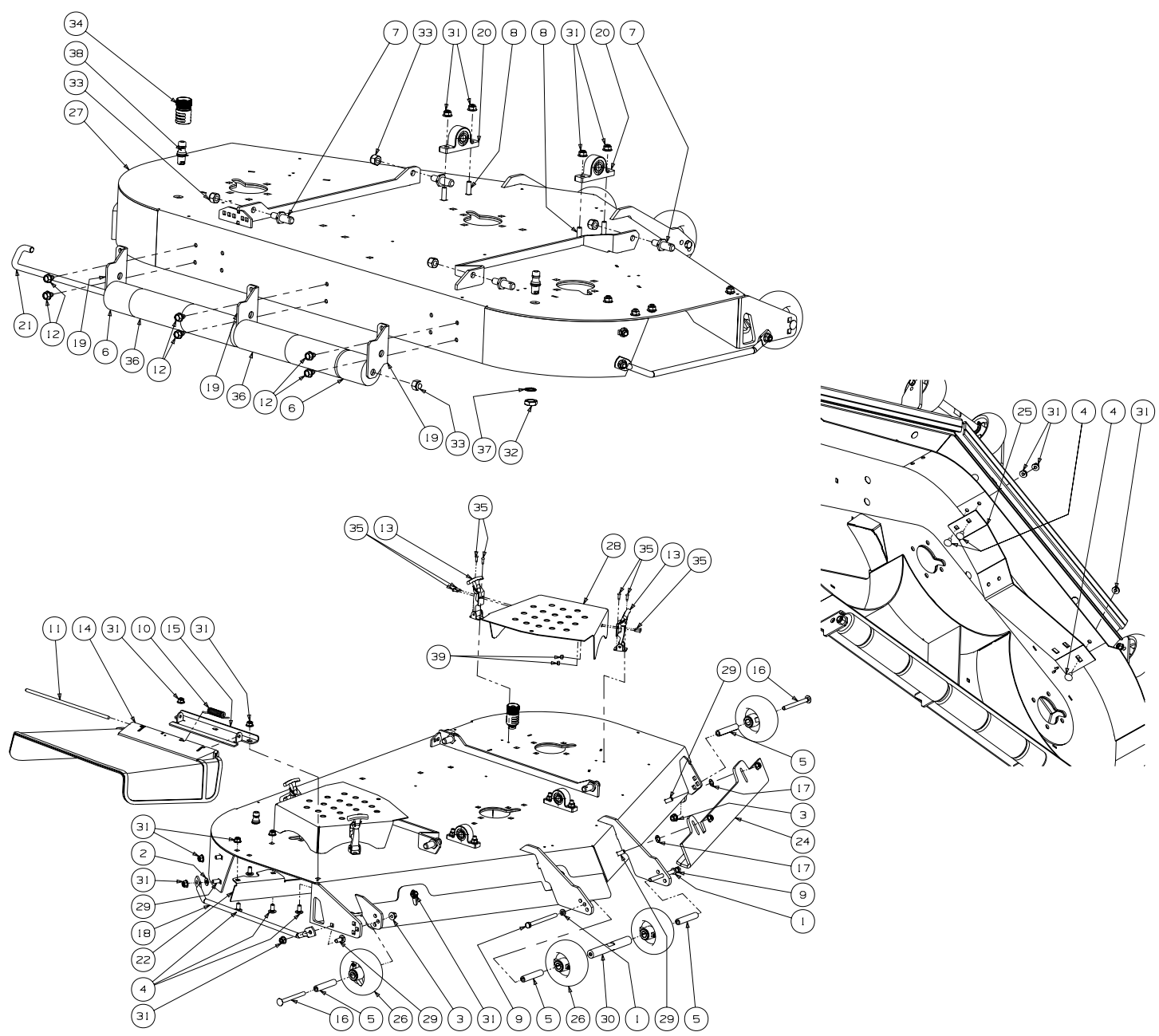
27HP Tank,	30HP Tank,	31HP Tank,
53BH8CT6050	53AH8CT6050	53AI8CT6050



GD: 02004641-10/08/08

Ref. No.	Part No.	Description	Qty.
1	00012152	Lock Nut w/Nylon Insert	2
2	00022560	Hex Nut, 3/8-16 Flange Lock	10
3	01000372	Carriage Bolt, 3/8-16 x .75 Long	7
4	710-3168	Carriage Bolt, 3/8-16 x 1	2
5	01001170	Rubber Bumper, .62 OD x .22 Thick	6
6	01001776	Clevis Pin, .500 Dia. x 2.50 Lg.	1
7	01002511	Nut, 3/8-16, Jam	1
8	01003282	Clevis Pin, .625 Dia x 4.375 Long	2
9	02003749	Wear Plate, 1.25 x 5.00	1
10	02005101	Lift Index Bracket	1
11	01005810	Hex Cap Screw 3/8-16 x 2.00	1
12	01008225	Push Retainer, 3/8	4
13	01010119	Nut, 1/2-13, Flangelock	1
14	02002655	Spacer, .51 ID x .75 OD x 1.40	1
15	02003074	HitchPin, .120 Dia. x 3.0	3
16	02003505	Flat Head Cap Screw, 1/4-20 x .75	2
17	680-00063	Bracket Assembly, Frame, Front	1
18	02003536	Frame Assembly	1
19	02003563	Carriage Bolt, 1/2-13 x 3.00	1

60" Fabricated Cutter Deck - Figure 2

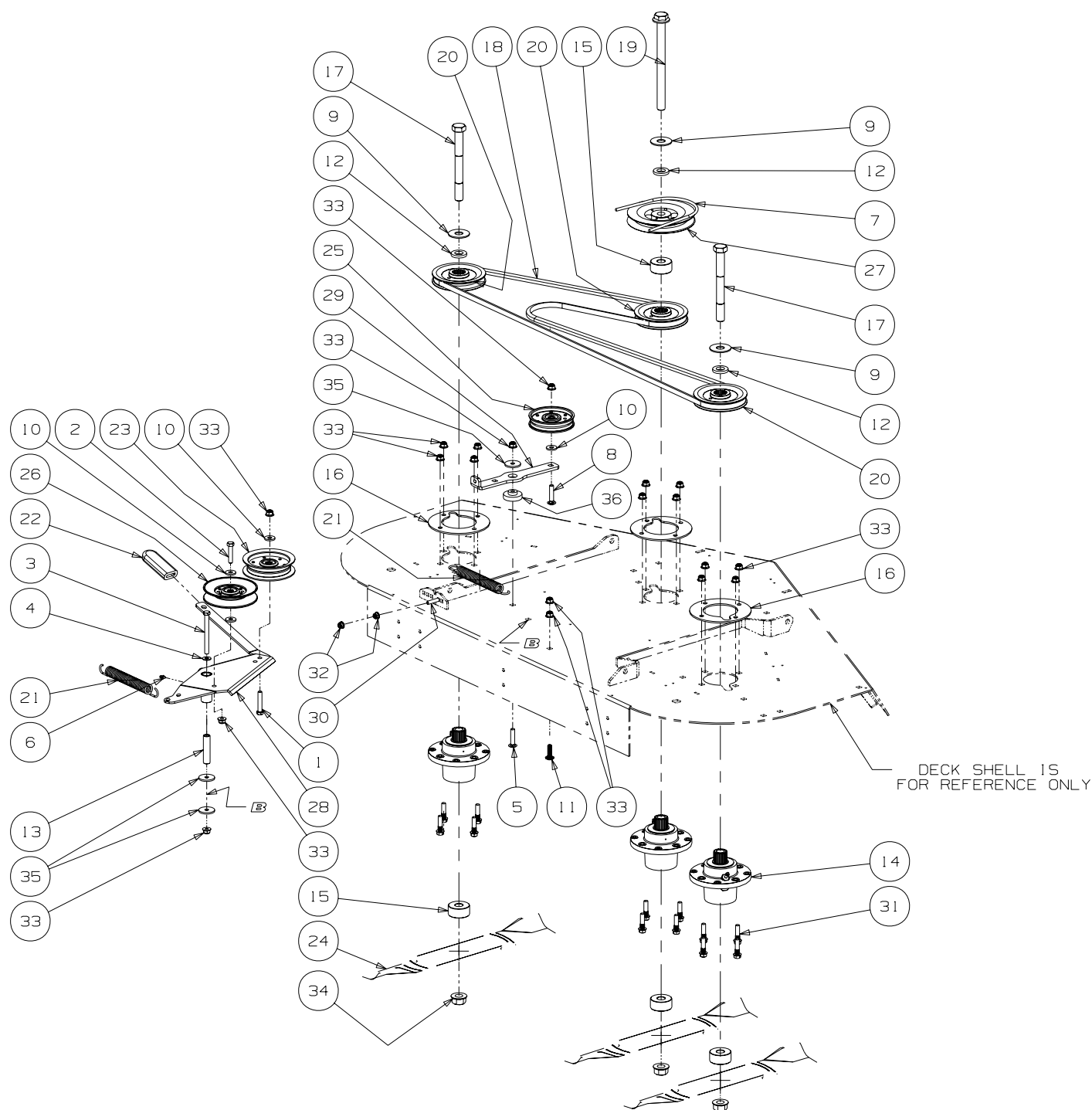


GD: 853-000009-11/14/08

60" Fabricated Cutter Deck - Parts List for Figure 2

Ref. No.	Part No.	Description	Qty.
1	00012157	Lock Washer, 3/8	2
2	00012158	Washer, 3/8	1
3	00022560	Flange Lock Hex Nut, 3/8-16	2
4	01000372	Carriage Bolt, 3/8-16 x .75 Lg.	8
5	01000398	Wheel Spacer	4
6	01001169	Grass Catcher Roller	2
7	01001745	Pin, 5/8 Dia. x 1.2 Lg.	4
8	01002010	Carriage Bolt, 3/8-16 x 1	4
9	01002539	Hex Cap Screw, 3/8-16 x 4.50	2
10	01003253	Torsion Spring, 0.4ID x 2.16Lg	1
11	01003254	Chute Deflector Rod	1
12	01004304	Hex Index Washer Screw, 3/8-16, .5	6
13	01005869	T-Handle Latch Draw	4
14	01006693	Chute Deflector	1
15	01006748	Chute Deflector Bracket	1
16	01008049	Carriage Bolt, 3/8-16 x 4.00	2
17	01008225	Push Retainer	4
18	01008644	Finger Guard	1
19	01008790	Grass Catcher Roller Bracket	3
20	02000109	Pillow Block	2
21	02002800	J-Hook w/ Threaded Roller	1
22	02005195	Chute Baffle	1
23	02005200	Right Hand Front Adjustment Skirt	1
24	02005201	Left Hand Front Adjustment Skirt	1
25	02005694	Baffle, 60" Adjustment	1
26	634-3159	Complete Wheel, 5.00 Dia.	4
27	680-00024	60" Deck Assembly	1
28	703-06871	Deck Belt Cover	2
29	710-3168	Carriage Bolt, 3/8-16 x 1.00	6
30	711-05159	Ball Wheel Mounting Shaft	1
31	712-04065	Lock Nut, Nylon Insert, 3/8-16	18
32	712-0641	Hex Nut, M16-1.5	2
33	712-3083	Lock Nut, Nylon Insert, 1/2-13	5
34	721-04041	Water Nozzle Adaptor	1
35	00017778	Phillips Head Screw, 10-32	16
36	731-3005	Front Roller	4
37	736-0760	Lock Washer, 17 x 23.8 x 1.95	2
38	737-04003D	Deck Water Nozzle	2
39	00014608	Lock Nut, Nylon Insert, 10-32	16

60" Fabricated Deck Spindle Assembly - Figure 3

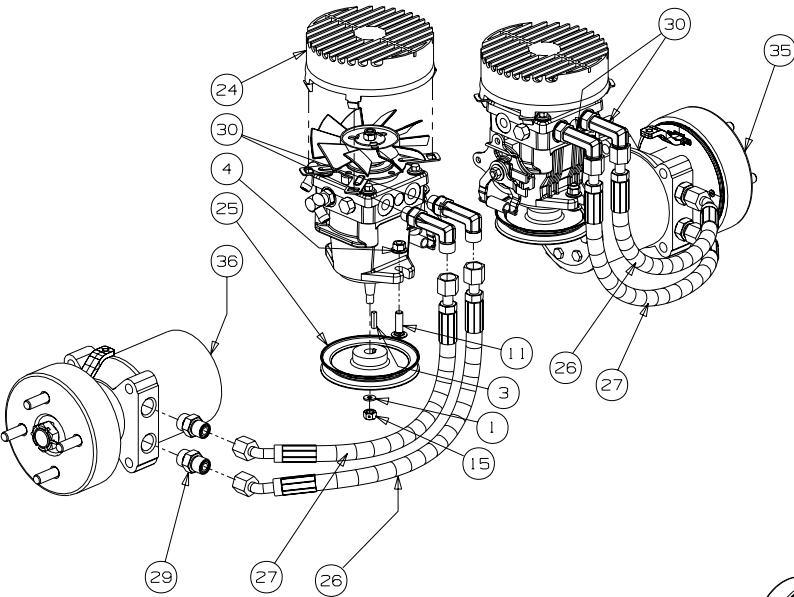


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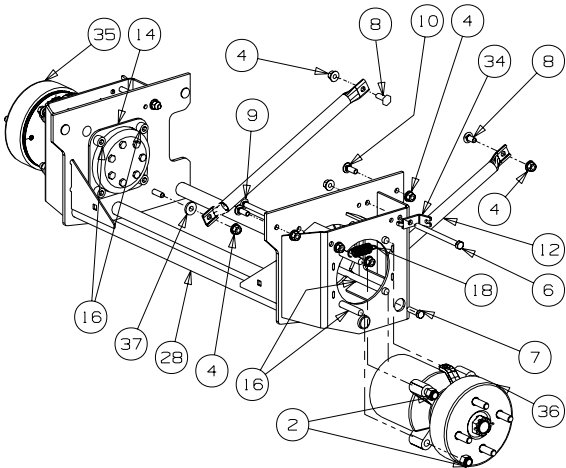
60" Fabricated Deck Spindle Assembly - Parts List for Figure 3

Ref. No.	Part No.	Description	Qty.
1	00002528	Hex Cap Screw, 3/8-16 x 2.00	1
2	00008495	Hex Cap Screw, 3/8-16 x 1-3/4	1
3	00011925	Hex Cap Screw, 3/8-16 x 4.00	1
4	00012158	Washer, 3/8	1
5	00030276	Carriage Bolt, 3/8-16 x 1-1/2	1
6	00060078	Grease Fitting, 1/4-28 x 3/16	1
7	00068079	V-Belt, B-Section, BK90	1
8	01000364	Hex Carriage Screw, 3/8-16, 1.75	1
9	01000392	Flat Washer, .781 ID 2.00 OD, .105	3
10	01000723	Flat Washer, .406 ID, 1.0 OD, .105	4
11	01002010	Carriage Screw, 3/8-16 x 1.25	1
12	01003123	Spacer .812 ID x .268 LG	3
13	01003245	Spacer, .39 ID x .625 OD x 2.75	1
14	01003532	Aluminum Spindle Assembly	3
15	01004415	Spacer, .760 ID x 2.00 OD x 1.1	4
16	01004478	Aluminum Spindle Support Plate	3
17	01005213	Hex Cap Screw, 3/4-16, 7.00	2
18	01005376	V-Belt, A Section x 122.3	1
19	01005388	Hex Cap Screw, 3/4-16, 9.00	1
20	01005616	V-Pulley, 5.00 OD	3
21	02003712	Extension Spring, .94 x OD x 7.57	2
22	02003740	Grip, 1.0 x 3.2 x .25	1
23	02004447	Idler Pulley, 4.06 OD	1
24	02005019	Hi-Lift Blade, 21.0, 0.756 ID	3
25	02005077	Flat Pulley with Flanges	1
26	02005079	Idler Pulley, 5.06 OD	1
27	02005097	V-Pulley, 6.38 OD x .760 ID	1
28	02005509	Idler Arm Assembly includes:	1
	01000308	Bearing	2
29	703-07010	Idler Arm	1
30	710-0262	Carriage Bolt, 5/16-18 x 1.50	1
31	710-04829	Bolt, 3/8-16 x 1.5	12
32	712-04063	Nut, 5/16-18, Nylon Flange Lock	2
33	712-04065	Nut, 3/8-16, Nylon Flange Lock	19
34	712-3078	Flange Hex Nut, 3/4-16	3
35	736-0227	Washer, .390 x 1.500 x .134	3
36	738-04376	Shoulder Screw, .854 x .280	1

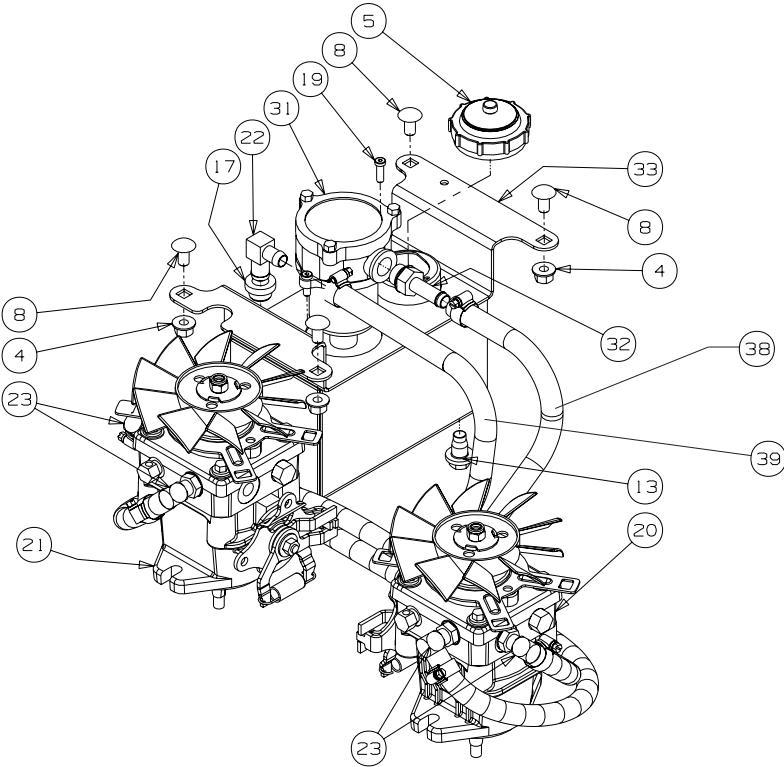
Hydro Hose and Pump Assembly - Figure 4



Pump & Motor Systems



Motor Mount Systems



Pilot & Drain Systems

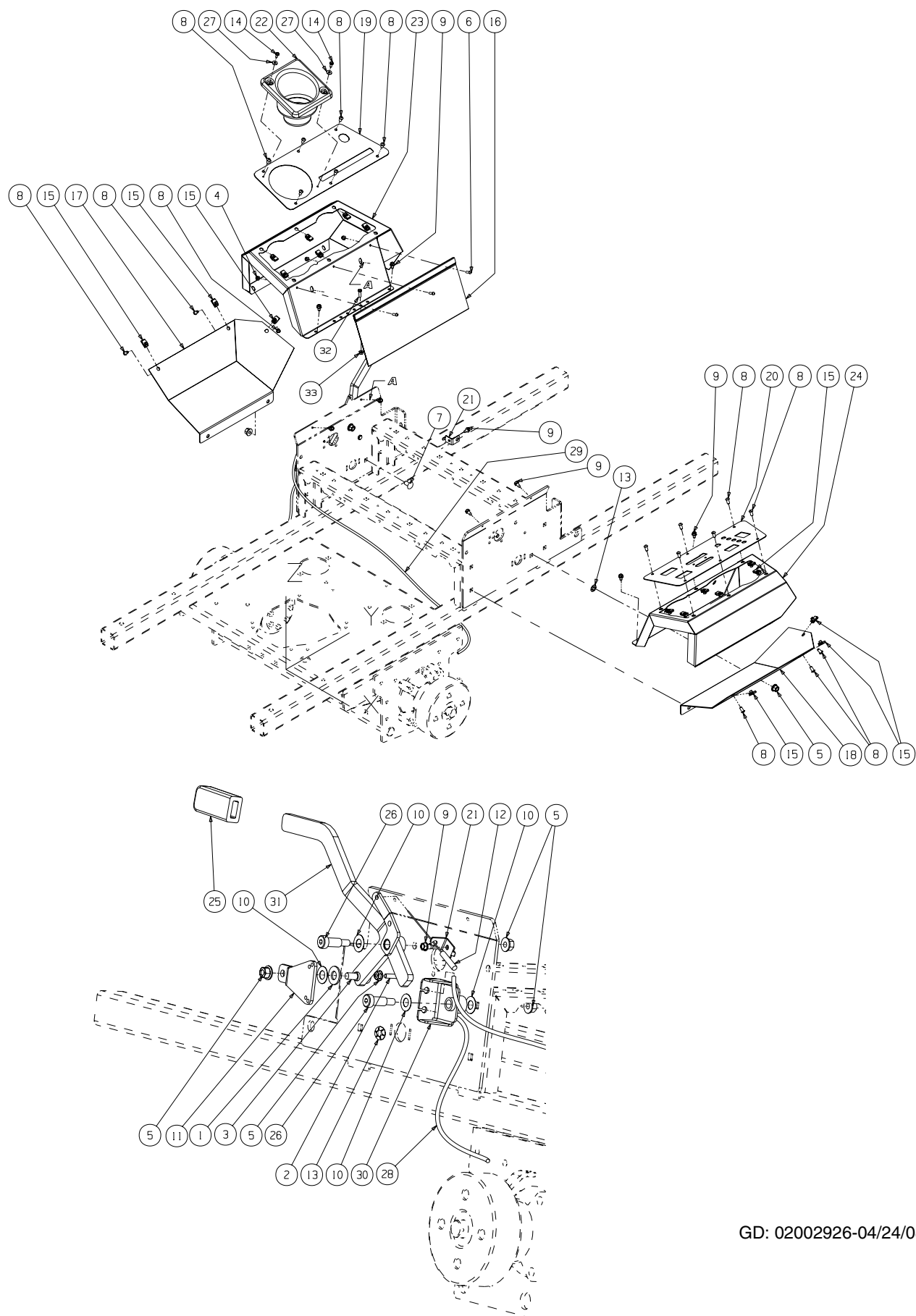
GD: 02004445-04/07/08

Hydro Hose and Pump Assembly- Parts List for Figure 4

Ref. No.	Part No.	Description	Qty.
1	00006168	Flat Washer, 3/8	2
2	712-3083	Lock Nut, Nylon Insert, 1/2-13	8
3	00020628	Key, 3/16" x 7/8"	2
4	00022560	Flange Lock Hex Nut, 3/8-16	22
5	00030261	Cap, Hydro Oil Tank	1
6	01002539	Hex Cap Screw 3/8-16 x 4.50	2
7	710-3005	Hex Cap Screw, 3/8 -16 x 1.25	2
8	01000372	Carriage Bolt, 3/8-16 x .75 LG.	6
9	01009906	Carriage Bolt, 3/8-16 x 5.00	2
10	710-3168	Carriage Bolt, 3/8-16 x 1	4
11	01002010	Carriage Screw, 3/8-16 x 1.25	4
12	01002593	Strut Frame	2
13	01004192	Oil Pan Drain Plug w/ Seal	1
14	01006948	Hydro Wheel Motor Backup Plate	2
15	01007309	Hex Nut, 3/8-24	2
16	01008449	Socket Head Capscrew, 1/2-13; 6-1/2	8
17	02000296	Grommet Fitting, .54 ID x .78 OD	1
18	02000401	Spring Extension, .740 OD x 2.656	2
19	02000841	Socket Low Head Cap Screw, 1/4-20 x 0.75	2
20	02000905	Hydro Pump, BDP-12, RH	1
	01009631	Kit, Fan	1
21	02000906	Hydro Pump, BDP-12, LH	1
	01009631	Kit, Fan	1
22	02001151	Fitting Elbow Spur, 5/8 x 1/2	1
23	02001160	Fitting Elbow, 9/16 x 1/2	4
24	02001169	Fan Pump Shroud	2
25	02001172	Hydro Pump Pulley	2
26	02001178	Short Pressure Hose Assembly	2
27	02001179	Long Pressure Hose Assembly	2
28	02004648	Hydro Motor Frame Assembly	1
29	02001715	Adaptor Fitting, 8 x 10	4
30	02002003	Adaptor, 8 x 8	4
31	02002257	Hydraulic In-Tank Filter includes:	1
	02002258	Replacement Filter	1
32	02002557	Fitting, 3/4 ORB x 1/2 Tube	1
33	02002701	Hydraulic Tank Assembly	1
34	02002899	Rear Cable Mounting Bracket	2
35	02004442	Hydro Motor, Left Hand Assembly w/ Brake & Drum	1
36	02004441	Hydro Motor, Right Hand Assembly w/ Brake & Drum	1
37	00083192	Idler Washer	2
38	02001872	Hose Assembly, Pilot includes:	1
	02001175	Tee Fitting, 1/2	1
	02002392	Hose Clamp, 1/2	3
	--	Fuel Hose, .50 ID x .75 OD (in inches)	43
39	02001873	Hose Assembly, Drain includes:	1
	02001175	Tee Fitting, 1/2	1
	02002392	Hose Clamp, 1/2	3
	--	Fuel Hose, .50 ID x .75 OD (in inches)	36

NOTE: Lubricant, 02002058 Quarts, 2.00

Brake Assembly - Figure 5

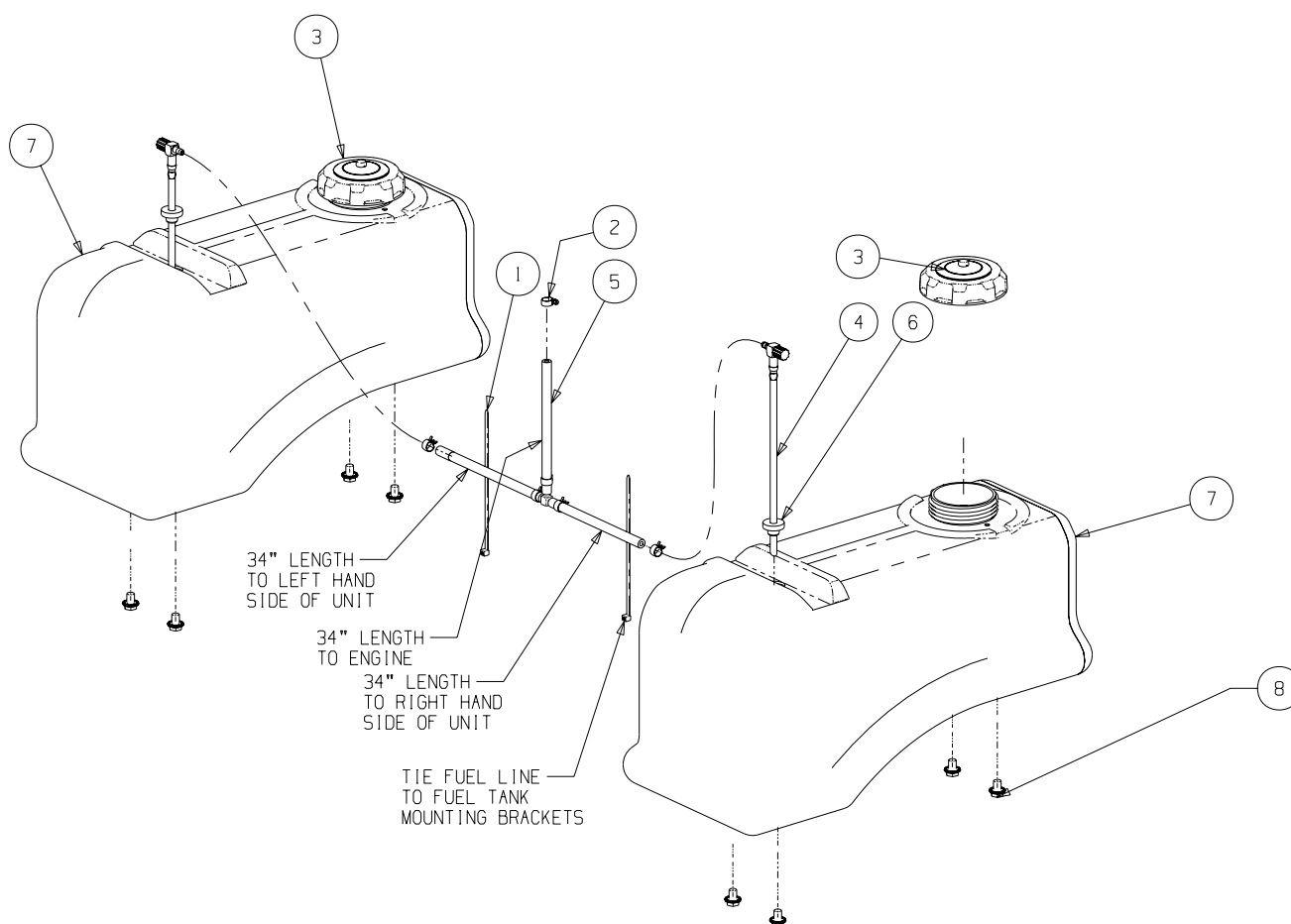


GD: 02002926-04/24/08

Brake Assembly - Parts List for Figure 5

Ref. No.	Part No.	Description	Qty.
1	00012577	Washer, 1/2 Zinc	1
2	710-3168	Carriage Bolt, 3/8-16, 1.00	1
3	00011450	Shoulder Bolt, 1/2 x 1/2	1
4	00014608	Lock Nut, Nylon Insert, 10-32	3
5	00022560	Flange Lock Hex Nut, 3/8-16	6
6	00030906	Phillips Head Machine Screw, 10-32 x 5/8	3
7	01000372	Carriage Bolt, 3/8-16 x .75	2
8	01000443	Screw Button Head, 1/4-20 x .5	18
9	01000628	Screw, TT, 1/4-20, 0.5, Hex Index Washer	10
10	01000930	Washer, .508 ID x 1.0 OD x .020	4
11	02003841	Centering Bracket	1
12	01008198	Left Hand Brake Cable	1
13	01008225	Push Retainer, 3/8	2
14	01008531	Screw, #10-32 x 0.500	2
15	01008539	U-Nut, 1/4-20	18
16	02000362	Bag, Debris Storage	1
17	02002785	Lower Panel, LH	1
18	02002786	Lower Panel, RH	1
19	02002806	Control Panel Cover, LH	1
20	746-04544	Control Panel Cover, RH	1
21	02002864	Brake Cable Mounting Bracket	2
22	02002874	Cup Holder	1
23	02002969	Control Panel, LH	1
24	02002970	Control Panel, RH	1
25	02003010	Parking Brake Grip	1
26	02003603	Shoulder Bolt, 1/2 x 1.00, 3/8-16	2
27	02003725	Washer, 3/16	2
28	02003770	Brake Cable, LH	1
29	02003774	Brake Cable, RH	1
30	02003776	Brake Cable Bracket	1
31	02005151	Brake Lever	1
32	710-3015	Screw, Hex, Cap, 1/4-20 x .75	1
33	01002766	Lock Nut, 1/4-20	1

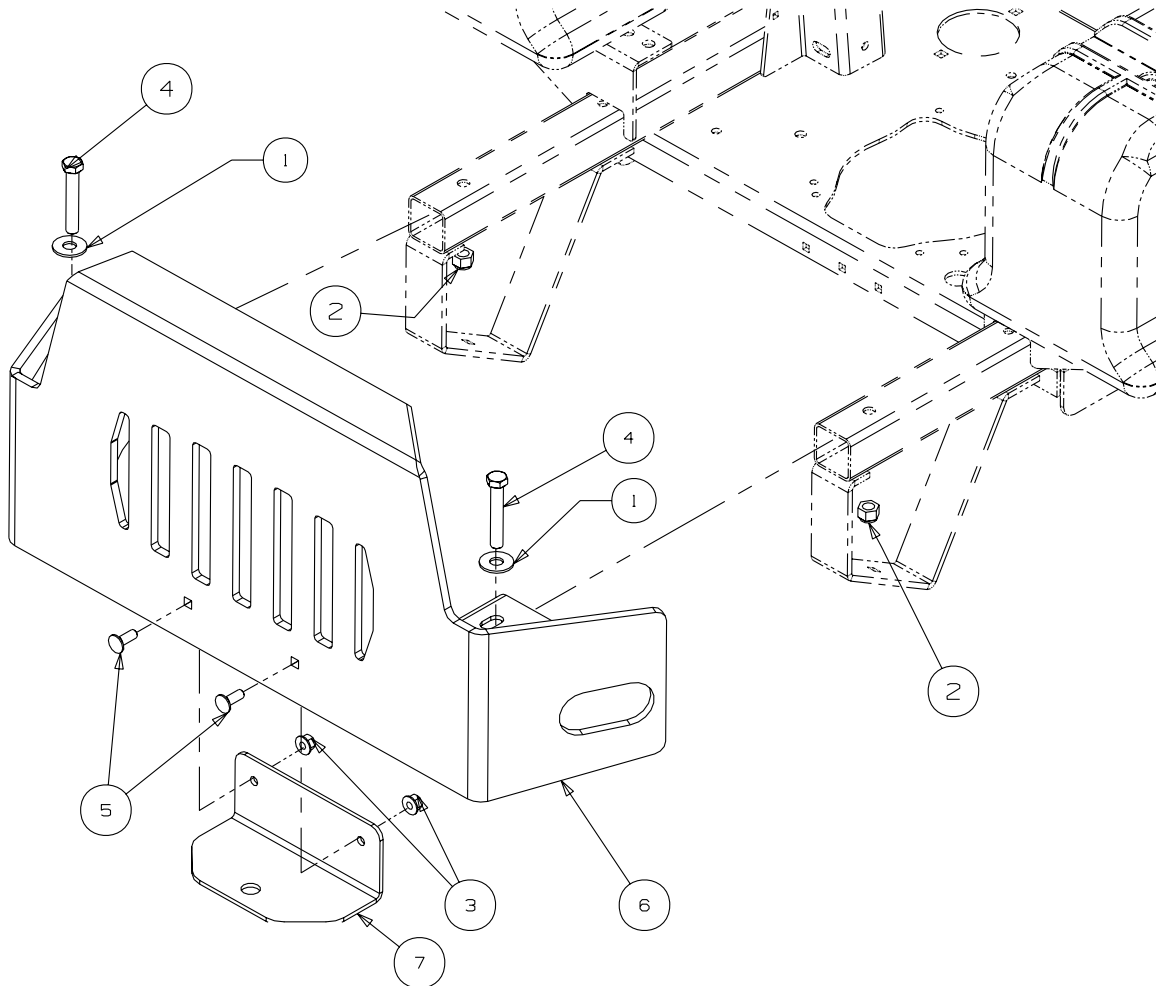
Fuel Tank Assembly - Figure 6 and Parts List



GD: 02001910-08/01/08

Ref. No.	Part No.	Description	Qty.
1	00012470	Cable Tie	2
2	01000215	Hose Clamp, SAE #4: 1/4-5/8, SS	1
3	751-3124D	Fuel Cap, 3.5	2
4	01007425	Fuel Fitting	2
5	02001908	Fuel Hose Assembly includes:	1
	--	Hose, 1/4" Fuel Line (in inches)	102
	00012235	Clamp, Union	5
	01003473	Tee Fitting, Fuel	1
6	02002253	Grommet, Fuel Tank	2
7	02003842	Fuel Tank	2
8	02005013	Hex Cap Screw, 3/8-16 x .50 Flange Whiz	8

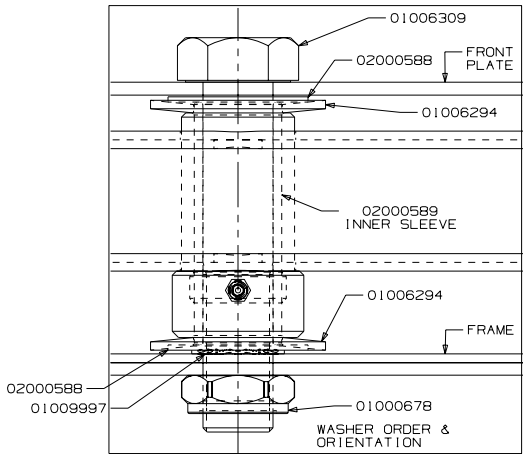
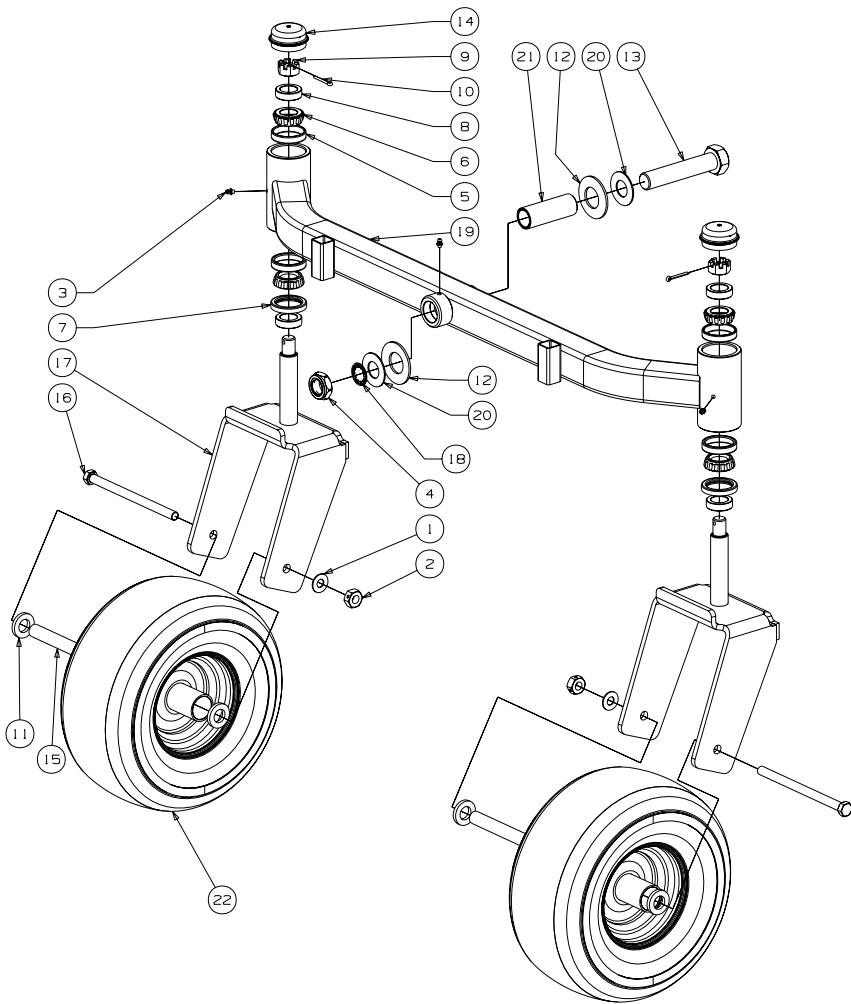
Rear Bumper - Figure 7 and Parts List



GD: 02005021-04/16/08

Ref. No.	Part No.	Description	Qty.
1	00011459	Flat Washer, 1/2	2
2	712-3083	Hex Nut, 1/2-13, Insert Lock	2
3	00022560	Nut, Hex 3/8-16 Flange Lock	2
4	00030046	HHCS, 1/2-13, 3.00	2
5	710-3168	Carriage Bolt, 3/8-16 x 1.00	2
6	02004118	Bumper Assembly	1
7	02004120	Hitch Bracket	1

Front Caster Assembly - Figure 8

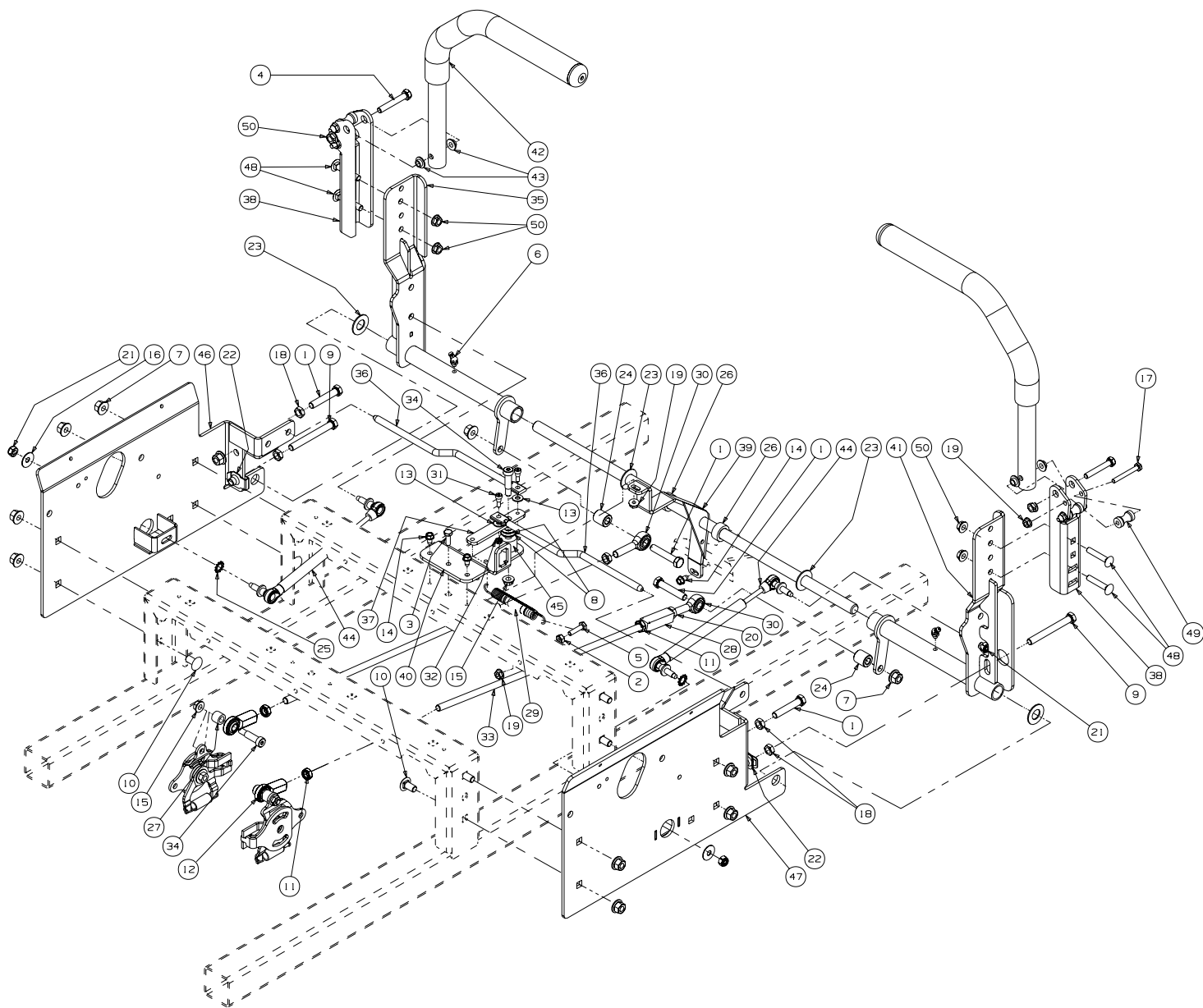


GD: 02005096-04/03/08

Front Caster Assembly - Parts List for Figure 8

Ref. No.	Part No.	Description	Qty.
1	00012577	Washer, 1/2 x 1 Shim	2
2	00023287	Nut, 1/2-20, Center Lock	2
3	00060078	Grease Fitting, 1/4-28 x 3/16	3
4	01000678	Nut, Jam, 1.0-14, Insert Lock	1
5	01002620	Cup Bearing	4
6	01002621	Bearing Cone	4
7	01002622	Seal	2
8	01002624	Ring Seal	4
9	01002626	Slotted Nut, 3/4-16	2
10	714-0162	Cotter Pin, 5/32, 1.25	2
11	01003123	Spacer, .812 ID x .218LG	4
12	01006294	Bell Washer, 1.25 ID x 2.5 x .157	2
13	01006309	Hex Cap Screw, 1-14 x 5.0	1
14	01006347	Grease Cap, 1.986 OD	2
15	01006912	Wheel Spacer	2
16	01006961	HHCS, 1/2-20, 7.50	2
17	01007342	Yoke, Caster Wheel	2
18	01009997	Retainer Extension, Self Locking	1
19	02004876	Front Axle Assembly	1
20	02000588	Flat Washer, 1.00 ID	2
21	02000589	Spacer, 1.005 ID x 1.25 OD x 3.6	1
22	02002821	Wheel, 13 x 6.50 x 6.0, Beige, includes:	2
	02002108	Tire	1
	02002106	Roller Bearings (per tire)	2
	02002107	Retainer Bushings (per tire)	2

Control Assembly- Figure 9

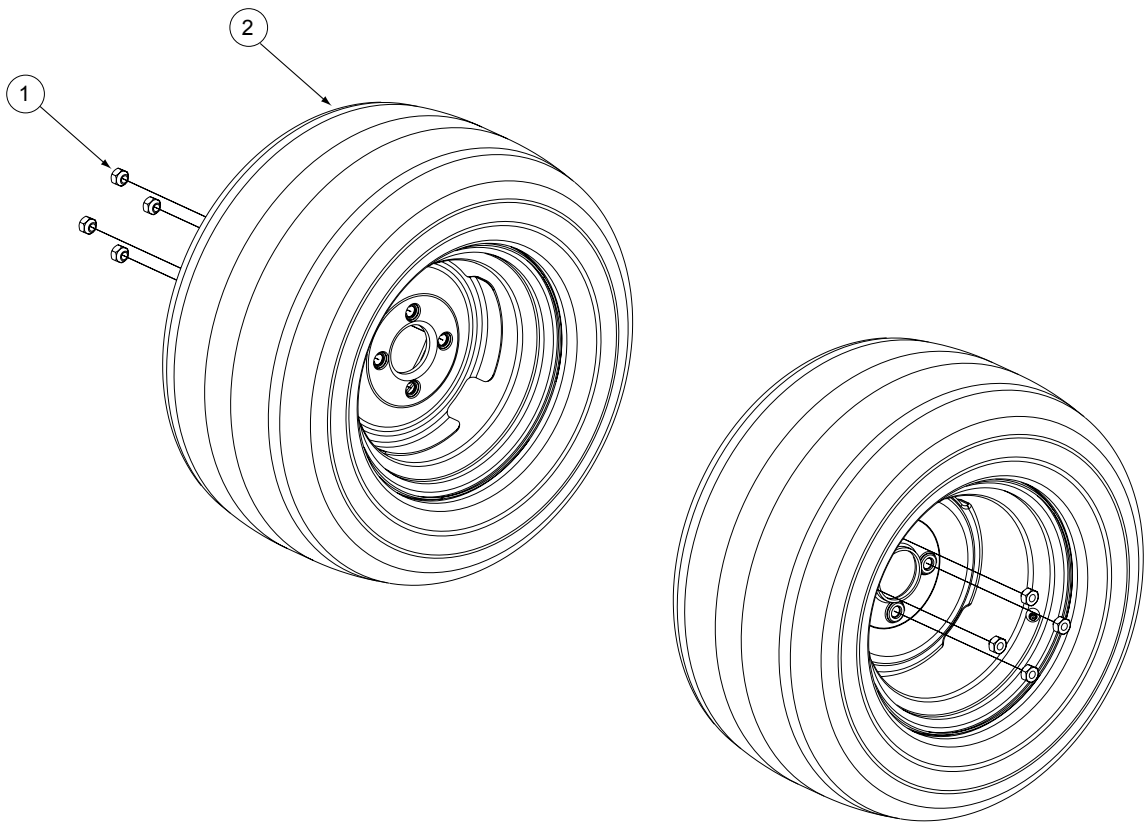


GD: 02005062-09/18/08

Control Assembly - Parts List for Figure 9

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00002528	Hex Cap Screw, 3/8-16 x 2.00	4	28	01007734	Turnbuckle	2
2	00012186	Hex Nut, 1/4-20	1	29	732-0470A	Extension Spring, .53 OD x 4.75	1
3	710-3015	Hex Cap Screw, 1/4-20, .75	1	30	01008367	B/Joint, 3/8-24, Left Hand Female	2
4	00013198	Hex Cap Screw, 5/16-18 x 2.00	2	31	01009322	Shoulder Bolt, 1/4 x 1/4	2
5	00013416	HHCS, 1/4-20 x 1.00	1	32	01009377	Nut w/ Star Washer, 10-24	2
6	00021958	Grease Fitting, 1/4-28, 45 degree	2	33	01009560	Control Rod, 3/8 x 17.312	2
7	00022560	Hex Nut, 3/8-16, Lock Flange	12	34	02000069	Screw, Shoulder Control Rod	3
8	00061053	Washer, 3/8, SS	2	35	02002931	Lapbar Control Assembly, LH	1
9	02003666	Hex Cap Screw, 3/8-16 x 3.50	2		01004265	Bearing	2
10	01000372	Carriage Bolt, 3/8-16 x .75	8	36	02002542	Brake/Control Rod	2
11	712-0711	Hex Jam Nut, 3/8-24	4	37	02002543	Lapbar Control Arm	1
12	01000451	B/Joint, 3/8-24, Right Hand Female	2	38	02004044	Lapbar Pivot Bracket	2
13	01000600	Flat Washer, 1.4 x .630 x .0515	2	39	02002555	Lapbar Control Shaft Assembly	1
14	01000628	Screw, TT, 1/4-20, 0.5, Hex Index Washer	3	40	02004382	Lapbar/Brake Control Mounting Bracket	1
15	01000635	Nut, Lock, HexFlange, 5/16-18	3	41	02002932	Lapbar Control Assembly, RH	1
16	01000960	Belle Washer, .325 x .930 x .045	2		01004265	Bearing	2
17	01006898	Hex Cap Screw, 1/4-20 x 2.00	4	42	02004049	Lapbar Assembly includes:	2
18	01002511	Nut, 3/8-16, Jam	4		02002662	Grip, 1.0	2
19	712-04064	Hex Flange Lock Nut, 1/4-20	6	43	02003419	Bushing, .310 x .172 x .688 x .06	4
20	01002986	Nut, 3/8-24, Jam, LH Third	2	44	02003653	Cylinder Return to Neutral	2
21	01003561	Nut, Hex, Center Lock, M8	4	45	02003664	Spacer, .405 ID x 1.0 OD x .72	1
22	01003947	U-Nut, 3/8-16, .75	2	46	02003883	Side Panel, Control, Left	1
23	01004003	Flat Washer, 5/8 Nylon	4	47	02003884	Side Panel, Control, Right	1
24	01004129	Spacer, .385 ID x .75 OD x .875	2	48	01000956	Carriage Bolt, 5/16-18 x 1.75	4
25	01005851	External Washer, 3/8	2	49	02003644	Spacer, .251 ID x .38 OD x 1.13 LG	4
26	01006350	Shaft Collar	2	50	712-04063	Nut, Lock, HexFlange, 5/16-18	6
27	01007312	Spacer, .625 OD x .385 ID x 1/2	2				

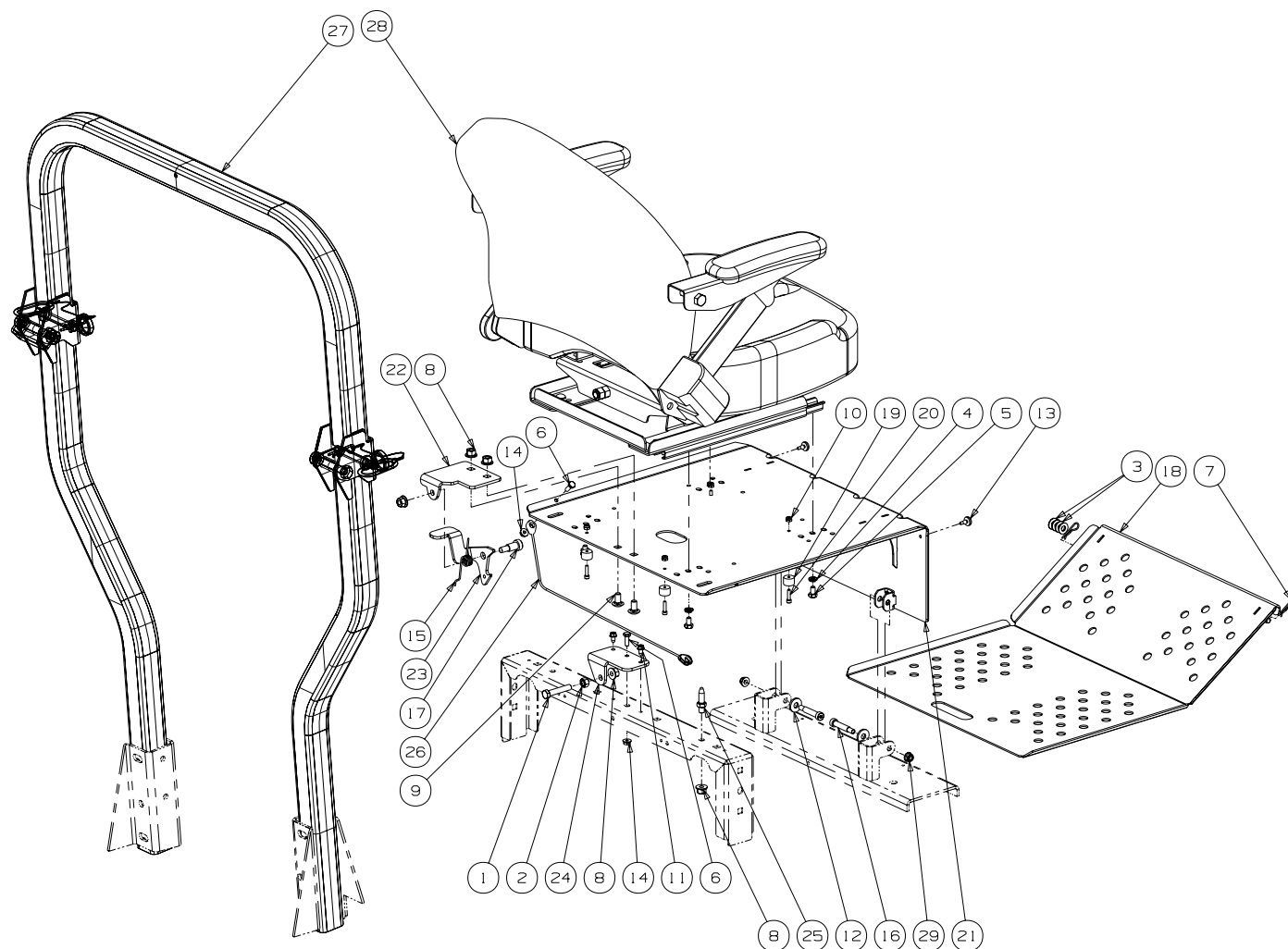
60" Wheel Assembly - Figure 10 and Parts List



GD: 02002669-10/04/06

Ref. No.	Part No.	Description	Qty.
1	00012187	Lug Nut, 1/2-20	8
2	02002668	Wheel Assembly, 24 x 12.00-12, Beige	2
	00073975	Includes: Tire, 24 x 12.00-12, Turf Master Rim, 12 Dia x 8.50 width	
OPTIONAL TIRES			
	01002182	Wheel Assembly, 24 x 12.00-12, Turf Saver	
	01004473	Tire, 24 x 12.00-12, Turf Saver	

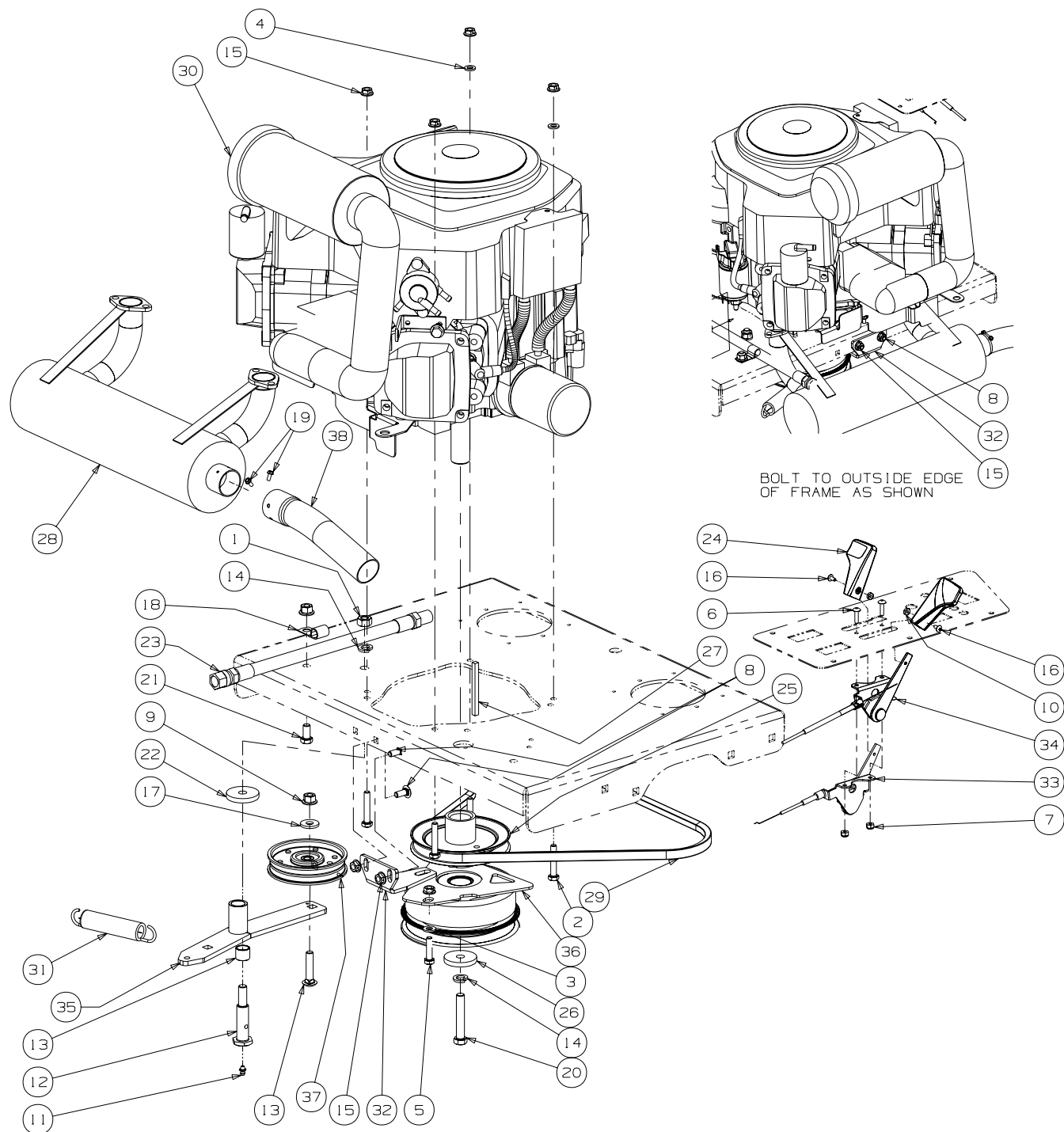
Seat/Floor Panel Assembly- Figure 11 and Parts List



GD: 02005208-04/16/08

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00002528	Hex Cap Screw 3/8-16 x 2.00	1	18	02002334	Floor Panel Assembly	1
2	00006131	Hex Nut, 3/8-16	1	19	02002963	Rubber Stop with Washer	4
3	00012158	Washer	AR	20	02002964	Standard Cap Screw, #10-24 x .75	4
4	736-0119	Lock Washer, 5/16	4	21	02003404	Seat Plate Assembly	1
5	00012178	Hex Cap Screw, 5/16-18 x 1/2	4	22	02003730	Seat Latch Bracket	1
6	710-3015	Screw, Hex, Cap, 1/4-20 x .75	2	23	02003732	Latch Lever Bracket	1
7	00021956	Hair Pin, 3/8-1/2	2	24	02003738	Latch Bracket	1
8	00022560	Flange Lock, Hex Nut, 3/8-16	5	25	02003745	Adjustable Stud	1
9	01000372	Carriage Bolt, 3/8-16 x .75 Long	2	26	02004062	Cable Support	1
10	712-0161	Nut, #10-24, Nylon Lock	4	27	02005081	Foldable Rops Assembly includes:	1
11	01000628	Screw, TT, 1/4-20, 0.5, Hex Index Washer	2		02004323	Knob	2
12	01000723	Flat Washer, .406 ID, 1.0 OD, .105	2		02004324	Pin, Lock	2
13	01001170	Rubber Bumper, .62 OD x .22 Thick	2	28	02005209	Seat w/ Seat Belt & Suspension	1
14	01002766	Lock Nut, 1/4-20	2		01008364	Armrest Kit	
15	01008140	Deck Lift Spring, Left Hand	1		02000767	Seat Switch Assembly	
16	01009459	Shoulder Bolt, .375 x 1.50	2	29	712-04063	Flange Lock Nut, 5/16-18	2
17	02002091	Shoulder Bolt, 1/2 x 3/4, 3/8-16	1				

27HP Kohler Engine Assembly - Figure 12



Description	Part Number
Air Filter	KH-25-083-01
Air Filter (Inner)	KH-25-083-04
Fuel Filter	KH-24-050-22
Oil Filter	KH-12-050-01
Spark Plug	KH-12-132-02

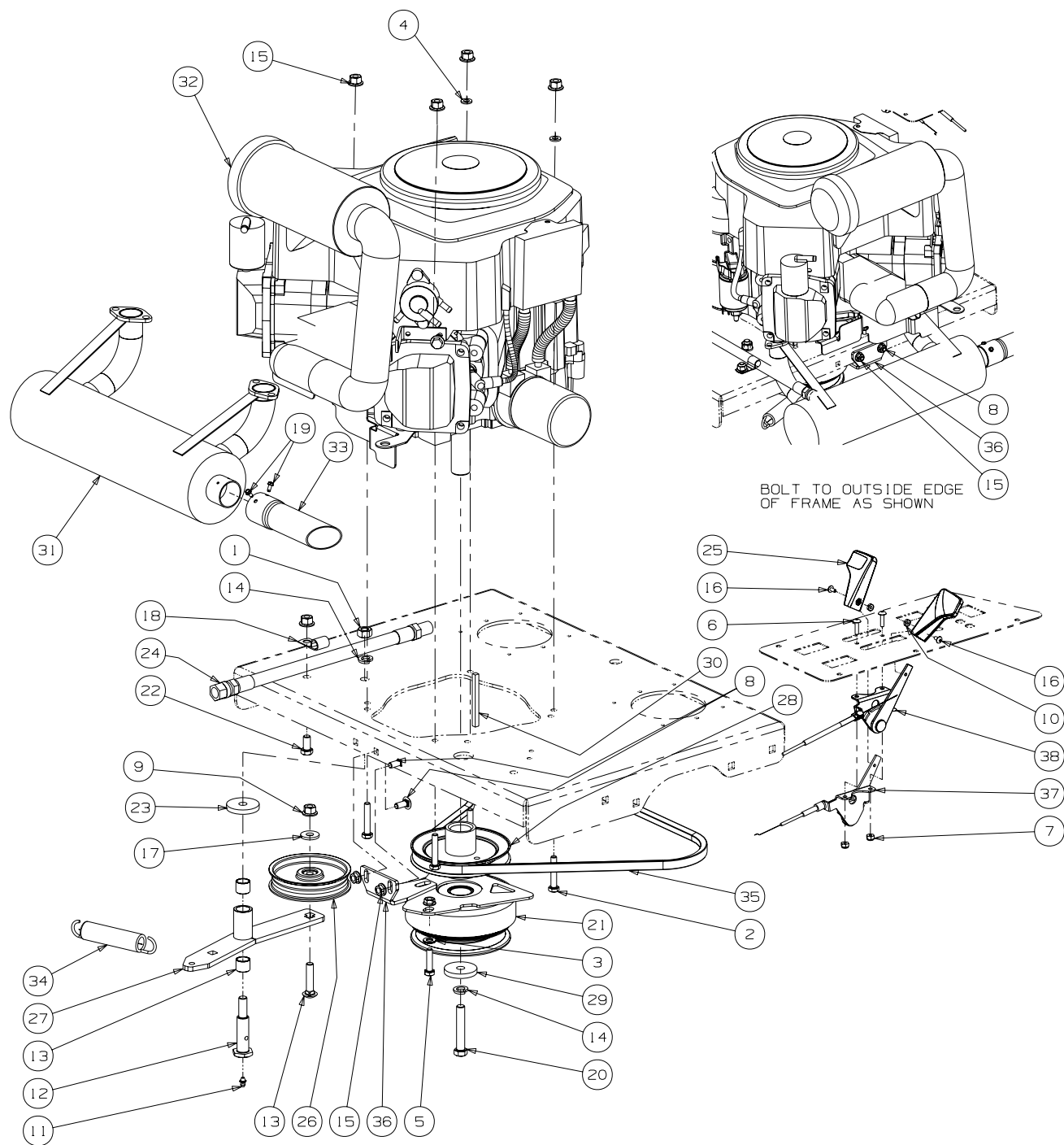
GD: 02004947-09/04/08

27HP Kohler Engine Assembly - Parts List for Figure 12

Ref No	Part No.	Description	Qty.
1	00005763	Hex Nut, 7/16-14	1
2	00006129	HHCS, 5/16-18, 1-3/4	4
3	00009812	Flat Washer, 5/16	1
4	00012169	Flat Washer, .320 ID x .591 OD x .078	2
5	00013116	HHCS, 5/16-18 x 1-1/4	1
6	00014602	Round Hd. Machine Screw, 10-32 x 3/4	2
7	00014608	Lock Nut, Nylon Insert, 10-32	2
8	00020508	Carriage Bolt, 5/16-18 x .75	2
9	00022560	Flange Lock, Hex Nut, 3/8-16	2
10	00060056	Nut Washer, W/Star, 8-32	2
11	00060078	Grease Fitting, 1/4-28 x 3/16	1
12	01000302	Shoulder Screw, 7/16-14	1
13	01000364	Hex Carriage Screw, 3/8-16, 1.75	1
14	736-0171	Lock Washer, 7/16	2
15	01000635	Hexflange Lock Nut, 5/16-18	7
16	01000721	Machine Screw, 8-32, .375	2
17	01000723	Flat Washer, .406 ID, 1.0 OD, .105	1
18	01000728	Clip, Heat Shield Cable	1
19	01000811	Screw, #8-32 x 0.375	2
20	01001395	Capscrew, 7/16-20 x 2.50	1
21	01002601	Hex Cap Screw, 3/8-16, .750	1
22	01003269	Flat Washer, 7/16 ID x 1.75 OD x .25	1
23	01003283	Oil Drain Hose	1
24	731-04914	Control Throttle Knob	2
25	01005104	Pump Drive Pulley	1
26	01005314	Flat Washer, 7/16 ID x 1.75 OD x .25	1
27	01005856	Key, 1/4 x 1/4 x 3	1
28	01006566	Muffler Accessory, Kohler	1
29	01007015	V Belt, A Section x 51.2	1
30	01007598	27HP Engine, Kohler	1
31	01009635	Extension Spring, .98 OD x 5.00	1
32	02001992	Retainer Clutch Assembly, Ogura	1
33	02003421	Throttle, Control Cable	1
34	02003423	Choke, Control Cable, 43.0	1
35	02004075	Engine Idler Arm Assembly Includes	1
	01000308	Bearing	2
36	02004878	Clutch Brake, 1.125 ID	1
37	02005077	Flat Pulley with Flanges	1
38	02005082	Muffler Accessory Exhaust Tube	1

Note: Engine Oil 15w40

30HP Kohler Engine Assembly - Figure 13



Description	Part Number
Air Filter (Primary)	KH-25-083-01-S
Air Filter (Safety)	KH-25-083-04-S
Fuel Filter	KH-25-050-08-S
Oil Filter	KH-12-050-08
Spark Plug	759-3336

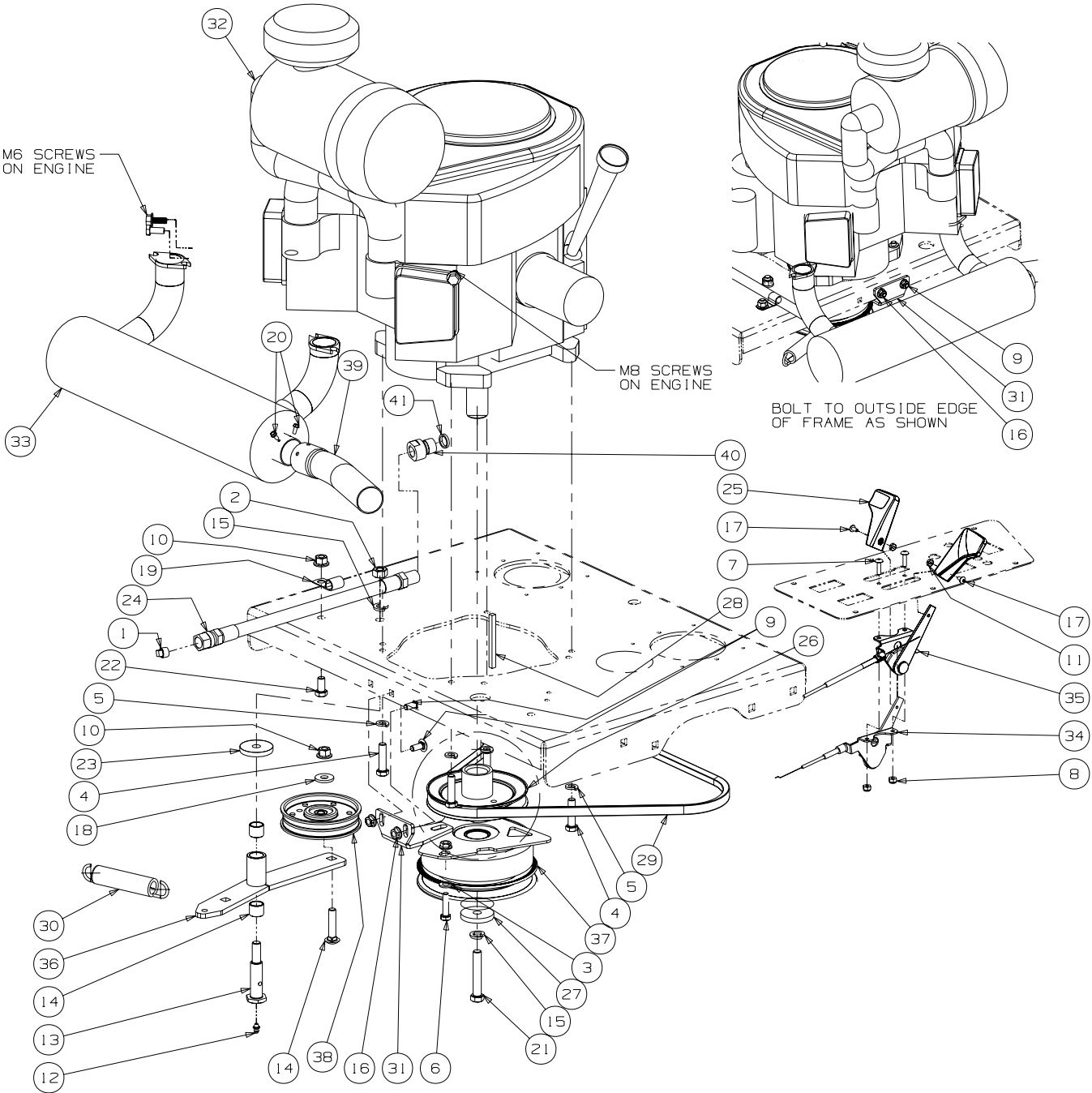
GD: 02005105-09/04/08

30HP Kohler Engine Assembly - Parts List for Figure 13

Ref No	Part No.	Description	Qty.
1	00005763	Hex Nut, 7/16-14	1
2	00006129	HHCS, 5/16-18, 1-3/4	4
3	00009812	Flat Washer, 5/16	1
4	00012169	Flat Washer, 5/16	2
5	00013116	HHCS, 5/16-18 x 1-1/4	1
6	00014602	Round Hd. Machine Screw, 10-32 x 3/4	2
7	00014608	Lock Nut, Nylon Insert, 10-32	2
8	00020508	Carriage Bolt, 5/16-18 x .75	2
9	00022560	Flange Lock, Hex Nut, 3/8-16	2
10	00060056	Nut Washer, W/Star, 8-32	2
11	00060078	Grease Fitting, 1/4-28 x 3/16	1
12	01000302	Shoulder Screw, 7/16-14	1
13	01000364	Hex Carriage Screw, 3/8-16, 1.75	1
14	736-0171	Lock Washer, 7/16	2
15	01000635	Hexflange Lock Nut, 5/16-18	7
16	01000721	Machine Screw, 8-32, .375	2
17	01000723	Flat Washer, .406 ID, 1.0 OD, .105	1
18	01000728	Clip, Heat Shield Cable	1
19	01000811	Screw, #8-32 x 0.375	2
20	01001395	Capscrew, 7/16-20 x 2.50	1
21	02004878	Clutch Brake, 1.125 ID	1
22	01002601	Hex Cap Screw, 3/8-16, .750	1
23	01003269	Flat Washer, 7/16 ID x 1.75 OD x .25	1
24	01003283	Oil Drain Hose	1
25	731-04914	Control Throttle Knob	2
26	02005077	Flat Pulley with Flanges	1
27	02004075	Engine Idler Arm	1
	01000308	Bearing	2
28	01005104	Pump Drive Pulley	1
29	01005314	Flat Washer, 7/16 ID x 1.75 OD x .25	1
30	01005856	Key, 1/4 x 1/4 x 3	1
31	01006566	Muffler Accessory Kohler	1
32	02005100	Engine, 30HP Kohler	1
33	02005082	Muffler Accessory Exhaust Tube	1
34	01009635	Extension Spring, .98 OD x 5.00	1
35	01007015	Belt, 51.2 Lg	1
36	02001992	Retainer Clutch Assembly, Ogura	1
37	02003421	Throttle, Control Cable	1
38	02003423	Choke Control Cable	1

Note: Engine Oil 15W40

31HP Kawasaki Engine Assembly - Figure 14



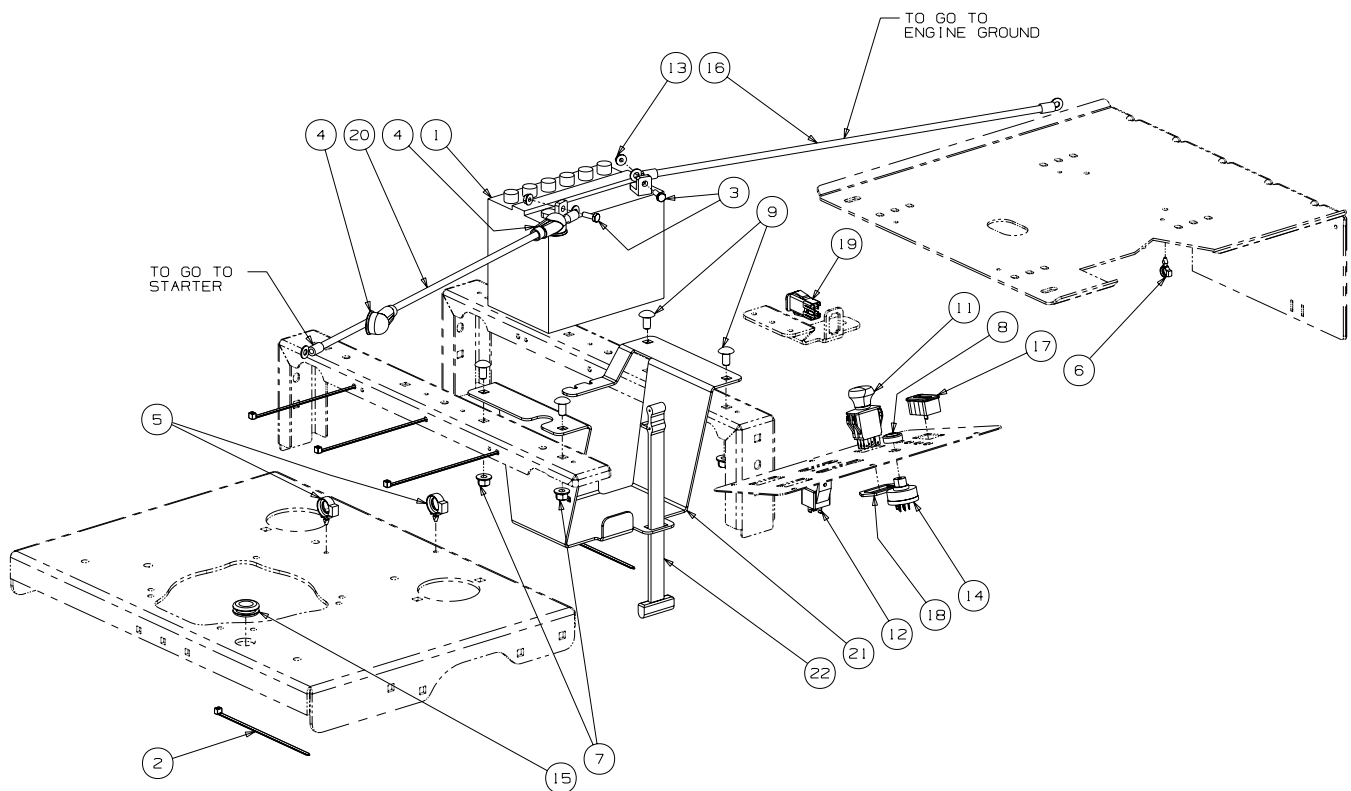
Description	Part Number
Air Filter	KM-11013-7020
Air Filter (Inner)	KM-11013-7019
Fuel Filter	KM-49019-7001
Oil Filter	KM-49065-2078
Spark Plug	KM-BPR4ES

GD: 02005122-09/04/08

31HP Kawasaki Engine Assembly - Parts List for Figure 14

Ref No	Part No.	Description	Qty.
1	00002834	Pipe Plug, 3/8 NPT	1
2	00005763	Hex Nut, 7/16-14	1
3	00009812	Flat Washer, 5/16	1
4	710-0520	HHCS, 3/8-16, 1-1/2	4
5	736-0169	Lock Washer, 3/8	4
6	00013116	HHCS, 5/16-18 x 1-1/4	1
7	00014602	Round Hd. Machine Screw, 10-32 x 3/4	2
8	00014608	Lock Nut, Nylon Insert, 10-32	2
9	00020508	Carriage Bolt, 5/16-18 x .75	2
10	00022560	Flange Lock, Hex Nut, 3/8-16	2
11	00060056	Nut Washer, W/Star, 8-32	2
12	00060078	Grease Fitting, 1/4-28 x 3/16	1
13	01000302	Shoulder Screw, 7/16-14	1
14	01000364	Hex Carriage Screw, 3/8-16, 1.75	1
15	736-0171	Lock Washer, 7/16	2
16	01000635	Hexflange Lock Nut, 5/16-18	3
17	01000721	Machine Screw, 8-32, .375	2
18	01000723	Flat Washer, .406 ID, 1.0 OD, .105	1
19	01000728	Clip, Heat Shield Cable	1
20	01000811	Screw, #8-32 x 0.375	2
21	01001395	Capscrew, 7/16-20 x 2.50	1
22	01002601	Hex Cap Screw, 3/8-16, .750	1
23	01003269	Flat Washer, 7/16 ID x 1.75 OD x .25	1
24	01003283	Oil Drain Hose	1
25	731-04914	Control Throttle Knob	2
26	01005104	Pump Drive Pulley	1
27	01005314	Flat Washer, 7/16 ID x 1.75 OD x .25	1
28	01005856	Key, 1/4 x 1/4 x 3	1
29	01007015	V Belt, A Section x 50.0	1
30	01009635	Extension Spring, .98 OD x 5.00	1
31	02001992	Retainer Clutch Assembly, Ogura	1
32	02003200	31HP Twin Engine, Kawasaki	1
33	02003201	Muffler Accessory, Kawasaki	1
34	746-04534	Throttle, Control Cable	1
35	02003422	Choke, Control Cable	1
36	02004075	Engine Idler Arm includes:	1
	01000308	Bearing	2
37	02004878	Clutch Brake, 1.125 ID	1
38	02005077	Flat Pulley with Flanges	1
39	02005082	Muffler Accessory Exhaust Tube	1
40	02005701	Oil Drain Adapter	1
41	02005713	O-Ring Fitting	1

Electrical Assembly Kohler - Figure 15



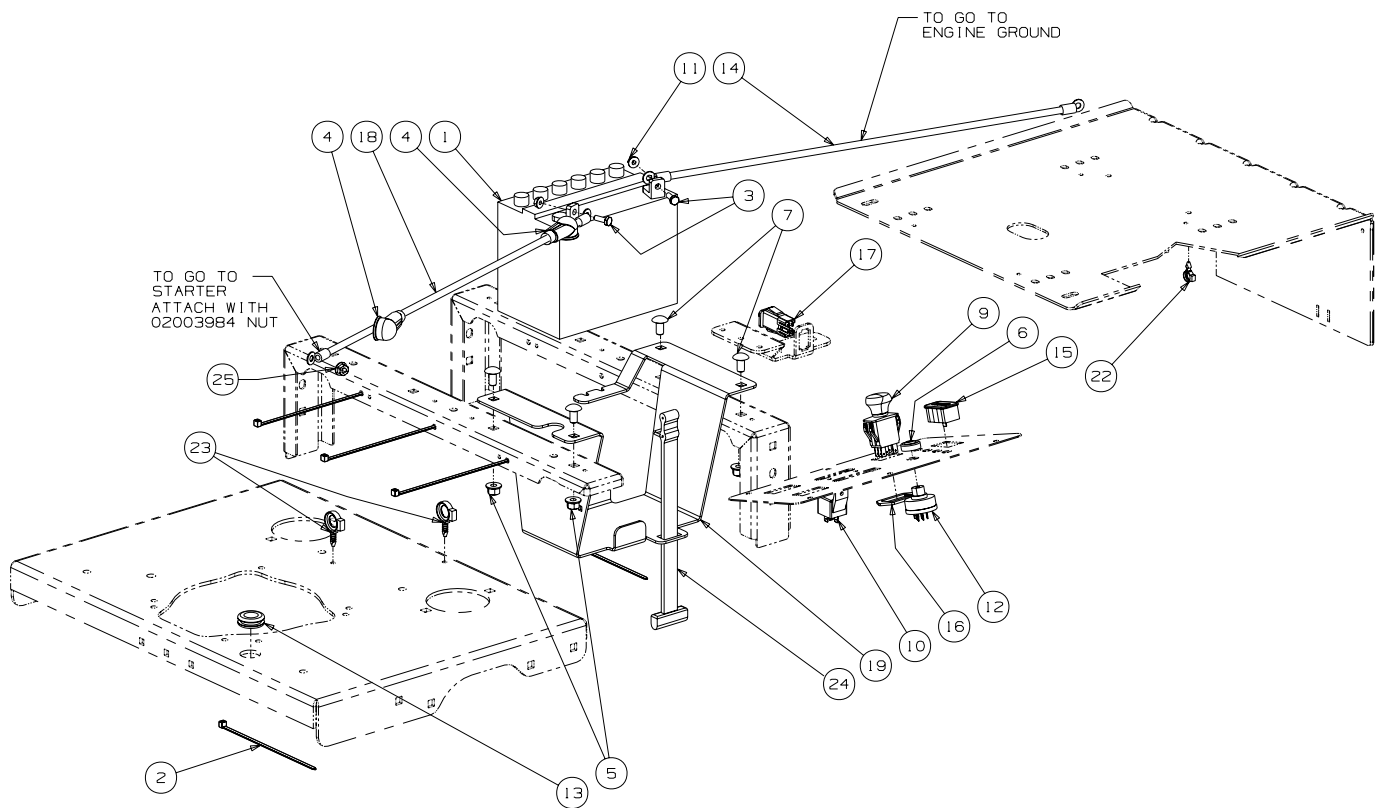
Fasten relay (01002251) with self-tapping screw (01000443) on LH control panel shown in Fig. 5.

GD: 02002838-10/02/08

Electrical Assembly Kohler - Parts List for Figure 15

Ref. No.	Part No.	Description	Qty.
1	00012032	Battery, 12V 225CCA 30 Min	1
2	00012470	Tie, Cable, 3/16 x .05 x 7.4"	5
3	710-3015	Screw, Hex, Cap, 1/4-20 x .75	2
4	00013258	Boot, 1" OD Rubber Battery-PST, Red	2
5	02003775	Electrical Conduit Clip, 5/8	2
6	02003038	Electrical Conduit Clip, 3/8	1
7	00022560	Flange Lock, Hex Nut, 3/8-16	4
8	00032097	Nut, W/Cap, 5/8-32 Ignition	1
9	01000372	Carriage Bolt, 3/8-16 x .75 Long	4
10	01001811	Hourmeter, Harness (not shown)	1
11	01002111	Switch, Electric, PTO	1
12	01002251	Relay, 12V 40A	1
13	01002766	Lock Nut, 1/4-20	2
14	01003581	Switch, Ignition, 6 Pin includes:	1
	725-1341B	Key	1
15	01004040	Grommet, .75 ID	1
16	01009623	Cable, Battery Red, 34"	1
17	725-04893	Meter, Hour	1
18	01009905	Bracket, PTO Switch Retainer	1
19	02000024	Switch, Safety N.O./N.C.	1
20	02002059	Cable, Battery, Red, 42"	1
21	02002551	Battery Bracket	1
22	723-3064	Strap, Battery	1
23	02002824	Harness Assembly (not shown)	1

25HP Electrical Assembly Kawasaki - Figure 16



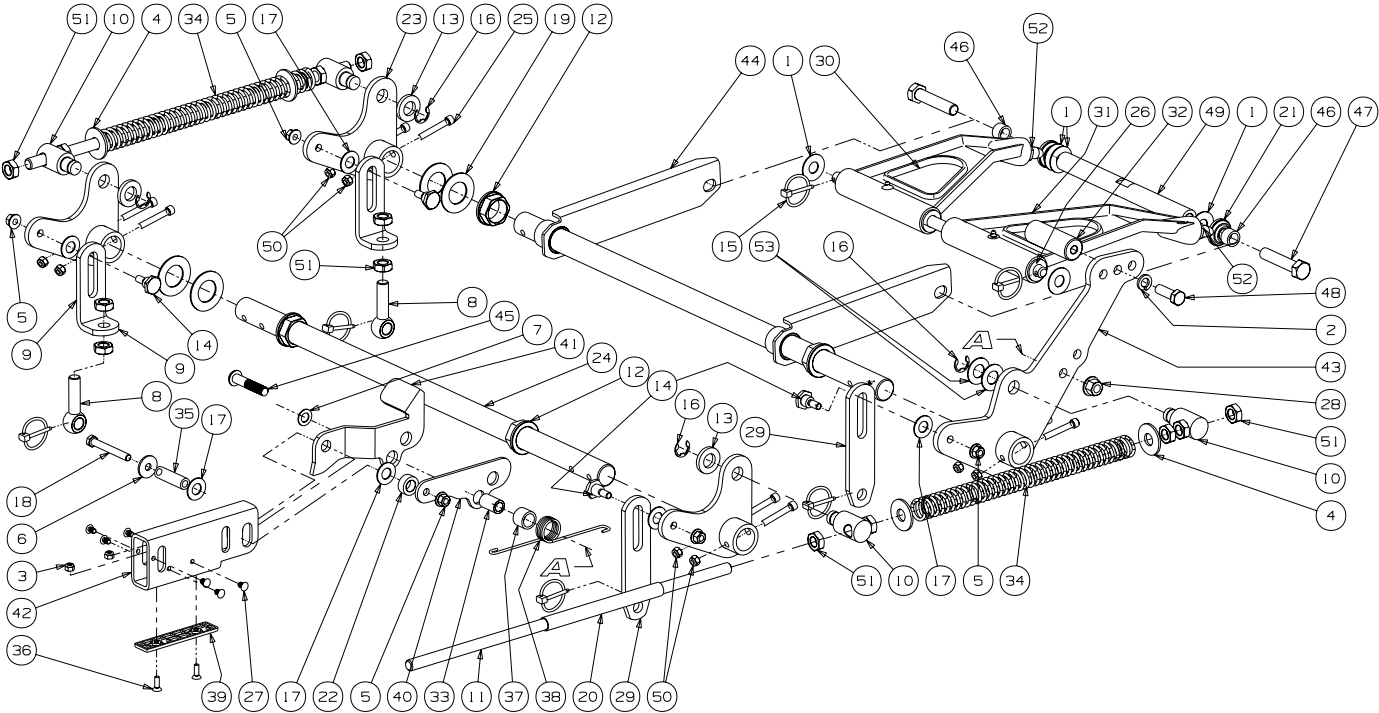
Fasten relay (01002251) with self-tapping screw (01000443) on LH control panel shown in Fig. 5.

GD: 02002937-12/11/08

25HP Electrical Assembly Kawasaki - Parts List for Figure 16

Ref. No.	Part No.	Description	Qty.
1	00012032	Battery, 12V 225CCA 30 Min	1
2	00012470	Tie, Cable, 3/16 x .05 x 7.4"	5
3	710-3015	Screw, Hex, Cap, 1/4-20 x .75	2
4	00013258	Boot, 1" OD Rubber Battery-PST, Red	2
5	00022560	Hex Nut, Flange Lock, 3/8-16	4
6	00032097	Nut, W/Cap, 5/8-32 Ignition	1
7	01000372	Carriage Bolt, 3/8-16 x .75 Long	4
8	01001811	Hourmeter, Harness (not shown)	1
9	01002111	Switch, Electric, PTO	1
10	01002251	Relay, 12V 40A	1
11	01002766	Hex Flange Lock Nut, 1/4-20	2
12	01003581	Switch, Ignition, 6 Pin includes:	1
	725-1341B	Key	1
13	01004040	Grommet, .75 ID	1
14	01009623	Cable, Battery Black, 34"	1
15	725-04893	Meter, Hour	1
16	01009905	Bracket, PTO Switch Retainer	1
17	02000024	Switch, Safety N.O./N.C.	1
18	02002059	Cable, Battery Red, 42"	1
19	02002551	Battery Bracket	1
20	02002822	Wire Harness Adaptor	1
21	02002824	Harness Assembly (not shown)	1
22	02003038	Electrical Conduit Clip, 3/8	1
23	02003775	Electrical Conduit Clip, 5/8	2
24	723-3064	Strap, Battery	1
25	02003984	Nut, Flange Whiz	1

Lift Assembly - Figure 17

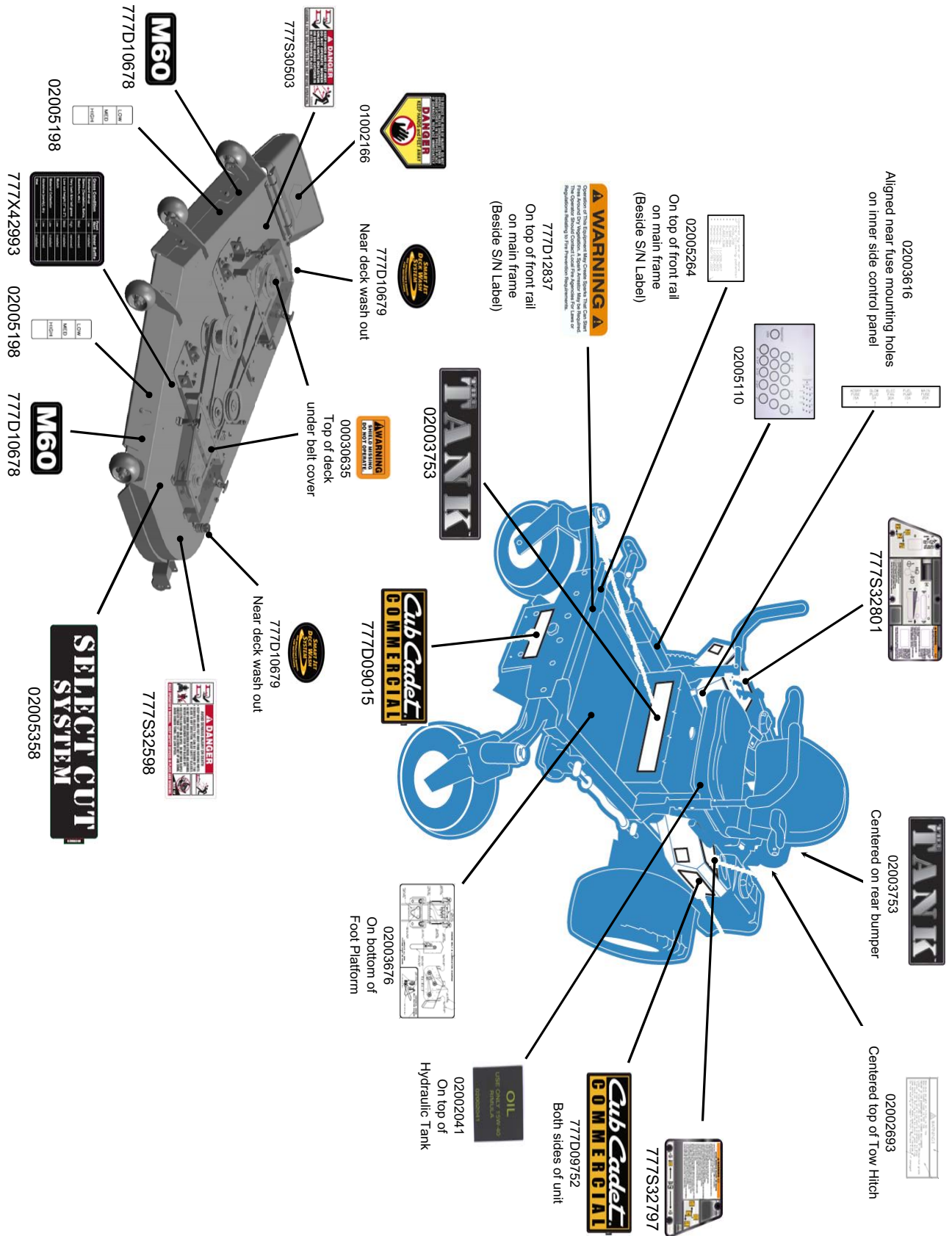


GD: 02005211-10/23/08

Lift Assembly - Parts List for Figure 17

Ref. No.	Part No.	Description	Qty.
1	00002766	Washer, 1.5 x .655 x .055	5
2	00010734	Lock Washer, 1/2	1
3	00012152	Lock Nut w/Nylon Insert	2
4	00013432	Flat Washer, 5/8	4
5	00022560	Hex Nut, Flange Lock, 3/8-16	5
6	01000872	Flat Washer, 1.25 x .411 x .100	1
7	01000873	Flat Washer, .536 ID x .930 OD x .05	1
8	01001744	Eye Bolt, 5/8ID	2
9	01001746	Eye Bolt Mount Link, 5/8 ID	2
10	01001855	Ferule Lift	4
11	01001857	Lift Connector Rod	2
12	01001930	Hex Flange Bearing, 1.25 ID	4
13	01003123	Spacer, .812 ID x .268 Lg.	3
14	01003535	Shoulder Screw, 0.625 OD x .437 Lg.	4
15	01003993	Linch Pin, 3/16 Dia.	6
16	01003994	E Clip, 3/4 Dia.	4
17	01004003	Nylon Flat Washer, 5/8	6
18	01004127	HHCS, 3/8-16, 3.00	1
19	01006408	Flat Washer, 1.25 ID	4
20	01006823	Hose, 5/8 ID 13/16 OD, 8" LG	2
21	01007487	Rod End, Male	2
22	01007527	Spacer, .630 ID x 1.06 OD x .440	1
23	01007680	Bellecrank Weldment Assembly	3
24	01007681	Deck Lift Shaft	2
25	01007962	Socket Head CapScrew, 5/16-18 x 2	8
26	01008453	Lift Link Rod	1
27	01008801	Rivet, 1/4 x 5/8	6
28	01010119	Nut, 1/2-13, FlangeLock	1
29	02000561	Deck Link	2
30	02002708	Bearing Lift Brace Assembly, Left Hand includes:	1
	00060078	Grease Fitting	1
	02002384	Bearing	2
31	02002709	Bearing Lift Brace Assembly, Right Hand includes:	1
	00060078	Grease Fitting	1
	02002384	Bearing	2
32	02002596	Deck Lift Foot Pedal	1
33	02002655	Spacer, .51 ID x .75 OD x 1.240	1
34	02002959	Lift Compression Spring	2
35	02003043	Spacer, .375 ID x .625 OD x 2.20	1
36	02003505	Flat Head Cap Screw, 1/4-20 x .75	2
37	02003586	Spacer, .76 ID x 1.0 OD x .75	1
38	02003588	Torsion Spring, .120 Wire x 1.32 OD	1
39	02003749	Lift Wear Plate	1
40	02005048	Yoke Plate	1
41	02005050	Lift Link Bracket	1
42	02005103	Lift Tube, 3.0 x 1.5	1
43	02005137	Deck Lift Foot Pedal Weldment	1
44	02005223	Front Frame Strut Assembly	2
45	02005518	Socket Head Cap Screw, 1/2-13 x 2.50	1
46	02005535	Spacer, .632 x .877 x .548	2
47	710-04813	HHCS, 5/8-11 x 3.00	2
48	710-3181	Hex Cap Screw, 1/2-13 x 1.50	1
49	711-05072	Front Lift Link Shaft, Threaded	1
50	712-0429	Nut, 5/16-18, Nylock	8
51	712-3015	Jam Nut, 5/8-11	14
52	712-3056	Jam Nut, 5/8-18	2

Decal Map



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