MTD PRO®

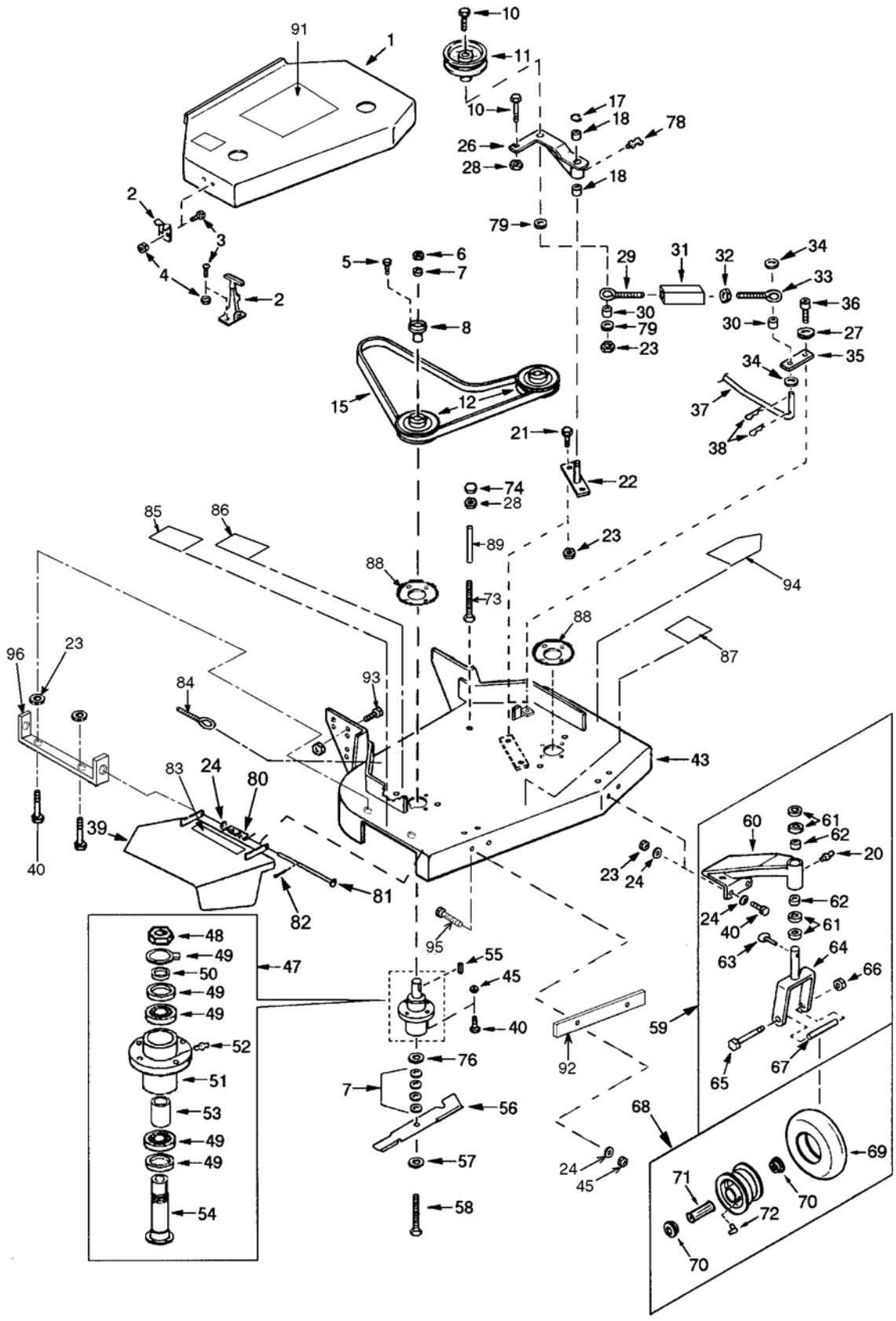
36", 48", 52", 54", 60"

Hydrostatic Walk-Behind Commercial Rotary Mowers

Standard and Wide Track (WT)
Professional Turf Equipment

ILLUSTRATED PARTS LIST

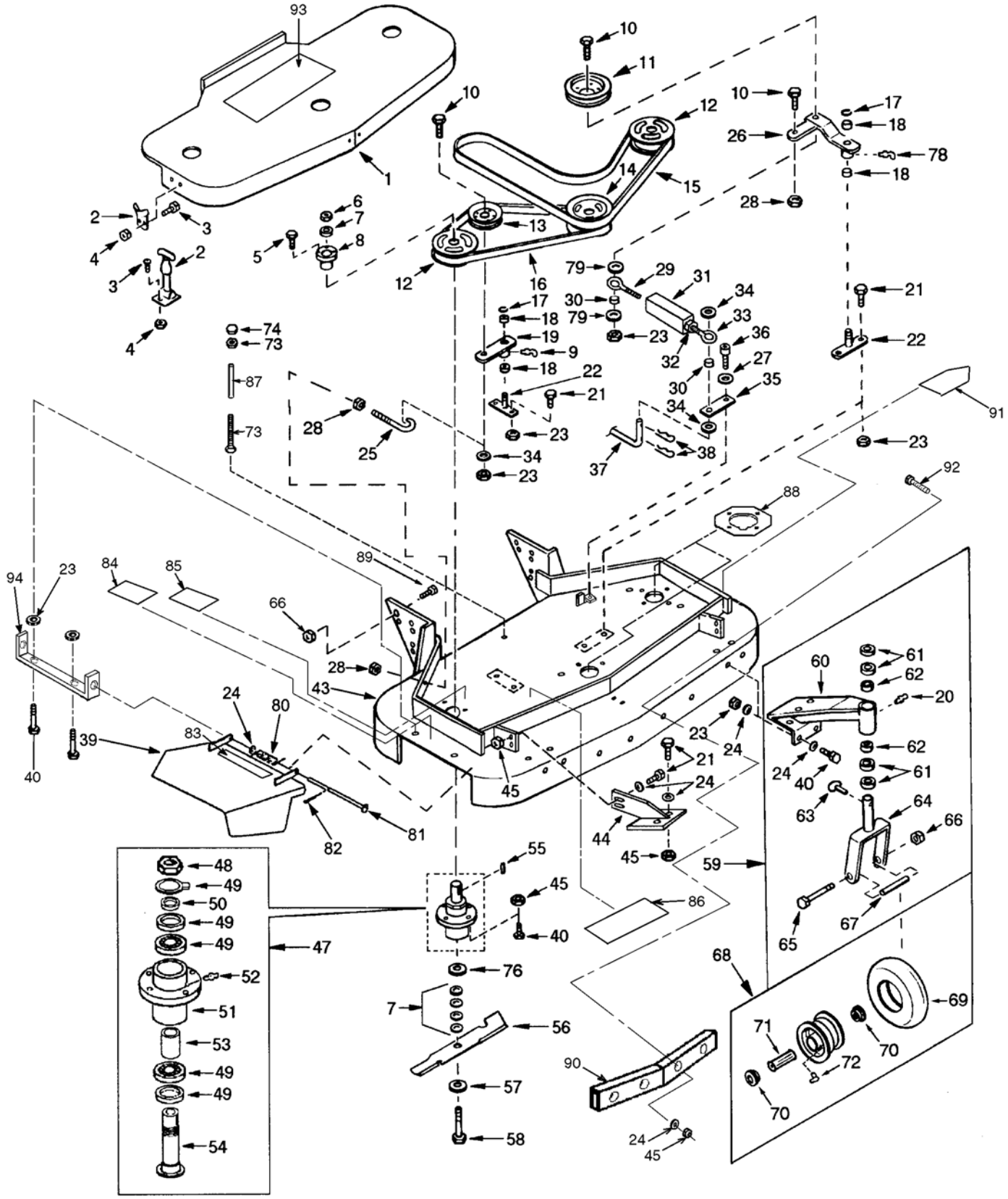
36" Fabricated Cutter Deck - Figure 1



36" Fabricated Cutter Deck - Parts List for Figure 1

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	01001067	36” Deck Cover	1	55	00021517	Key, 1/4 x 1/4 x 2	2
2	00021951	Rubber Latch	2	56	00021871	Rotary Blade, 16-1/2”	2
3	00008745	Machine Screw, 10-24 x 1/2 Round Hd.	8		00050125	Rotary Blade, 18"	2
4	00006194	Hex Nut, 10-24 Nylock	8	57	00013432	Flat Washer, 5/8	3
5	00013131	Cap Screw, 1/4-20 x 3/4 Hex Hd.	4	58	00013091	Cap Screw, 5/8-11 x 9-1/2 Hex Hd.	3
6	00011807	Hex Nut, 5/8-11	2	59	00021853	Caster Assembly (Incl. Ref. 67)	2
7	00021924	Blade Spacer	10	60	01001059	Caster Bracket	2
8	00021973	Pulley Bushing	2	61	00021925	Caster Spacer	8
9				62	00064164	Bushing, Caster Bracket	4
10	00011861	Cap Screw, 3/8-16 x 2-1/2 Hex Hd.	3	63	00021863	Lynch Pin, 7/16 x 1-7/8	2
11	00021977	Idler, Deck Take-up	1	64	01001052	Caster Yoke	2
12	00021970	Deck Pulley	2	65	00012675	Cap Screw, 1/2-13 x 5-1/2 Hex Hd.	2
13				66	00012428	Hex Nut, 1/2-13 Nylock	8
14				67	00014528	Sleeve, Caster Wheel Bearing	2
15	00050441	Drive Belt (36" Deck)	1	68	01002198	Caster Wheel Assembly	2
16				69	00021852	Tire, Caster Wheel	2
17	00021961	E-Ring, External	1	70	00014409	Bearing Retainer, Caster Wheel	4
18	00021990	Sintered Bushing	2	71	00014258	Roller Bearing, Caster Wheel	2
19				72	00021958	Grease Fitting, 1/4-28, 45°	2
20	00060078	Grease Fitting, 1/4-28, Taper, Str.	2	73	01002539	Bolt	5
21	00006144	Cap Screw, 3/8-16 x 1 Hex Hd.	6	74	00018468	Protective Cap	5
22	00063043	Idler Pivot	1	75	00018467	Channel, Rubber (Sold per Foot)	0.75
23	00012173	Hex Nut, 3/8-16 Nylock	17	76	00002766	Flat Washer, 1-1/2 x 5/8 x .055	3
24	00012158	Flat Washer, 3/8, Small O.D.	15	77	00083192	Flat Washer, 3/8, Thick	4
25				78	00018650	Grease Fitting	1
26	00021895	Pivot Arm, Deck Take-up Idler Pulley	1	79	00011075	Flat Washer, 5/16 USS	2
27	00012402	Shim Washer, 3/4 x 1/2 x 1/16	1	80	01002037	Torsion Spring	1
28	00006131	Hex Nut, 3/8-16	3	81	00030644	Deflector Pivot Pin Ass’y	1
29	00019271	Eyebolt, L.H.	1	82	00003107	Cotter Pin, 1/8 x 1	1
30	00062715	Sleeve	2	83	00013597	Decal, “Width of Cut”	1
31	00019554	Turnbuckle (36" Deck)	1	84	00030335	Belt, Rod, Tensioner	1
32	00013433	Hex Nut, 5/16-18	1	85	00030633	Decal, Rotating Blade	1
33	00014459	Eyebolt, R.H.	1	86	00030634	Decal, Warning Safety	1
34	00006168	Flat Washer, 3/8, Large O.D.	2	87	00030635	Decal, Warning Shield	1
35	00021892	Clutch Link	1	88	01000150	Plate, Spindel Backing	2
36	00014439	Shoulder Bolt, 1/2 X 3/8	1	89	01000160	Spacer, Belt Guard	5
37	00021884	Rod, Blade Clutch	1	90	01001040	Bracket, Deflector Pivot	1
38	00021956	Hairpin, 3/8-7/16	4	91	01001071	Label, Command Deck	1
39	01001054	Discharge Chute	1	92	01002152	Bar, Weight	1
40	00011444	Cap Screw, 3/8-16 x 1-1/4 Hex Hd.	12	93	01000517	Bolt, Carriage	6
41	00002924	Cap Screw, 1/2-13 x 1-1/4 Hex Hd.	6	94	01002166	Decal, Danger	1
42	00010873	Lock Washer, 1/2 Heavy	6	95	01000643	Bolt, Carriage	14
43	01001069	36" Cutter Deck	1	96	01001040	Bracket Deflector	1
44					00034931	Metal Grasscatcher with Bracket	1
45	00034224	Hex Nut, 3/8-16 Stover	21			(Optional accessory - not shown)	
46	00021931	Belt Guide	4		00019433	Cloth Grasscatcher	1
47	00057412	Spindle Assembly	2			(Optional accessory - not shown)	
48	00031912	Hex Nut, 1-1/8-12 UNF, Jam	2		00031076	Cloth Replacement Bag	1
49	00054433	Kit, Spindle Repair	2			(Optional accessory - not shown)	
50	00082246	Seal Spacer	2		00030101	Mulching Kit	1
51	00080851	Spindle Housing	2			(Optional accessory - not shown)	
52	00031924	Grease Fitting	2				
53	00056004	Internal Spacer	2				
54	00056922	Spindle	2				

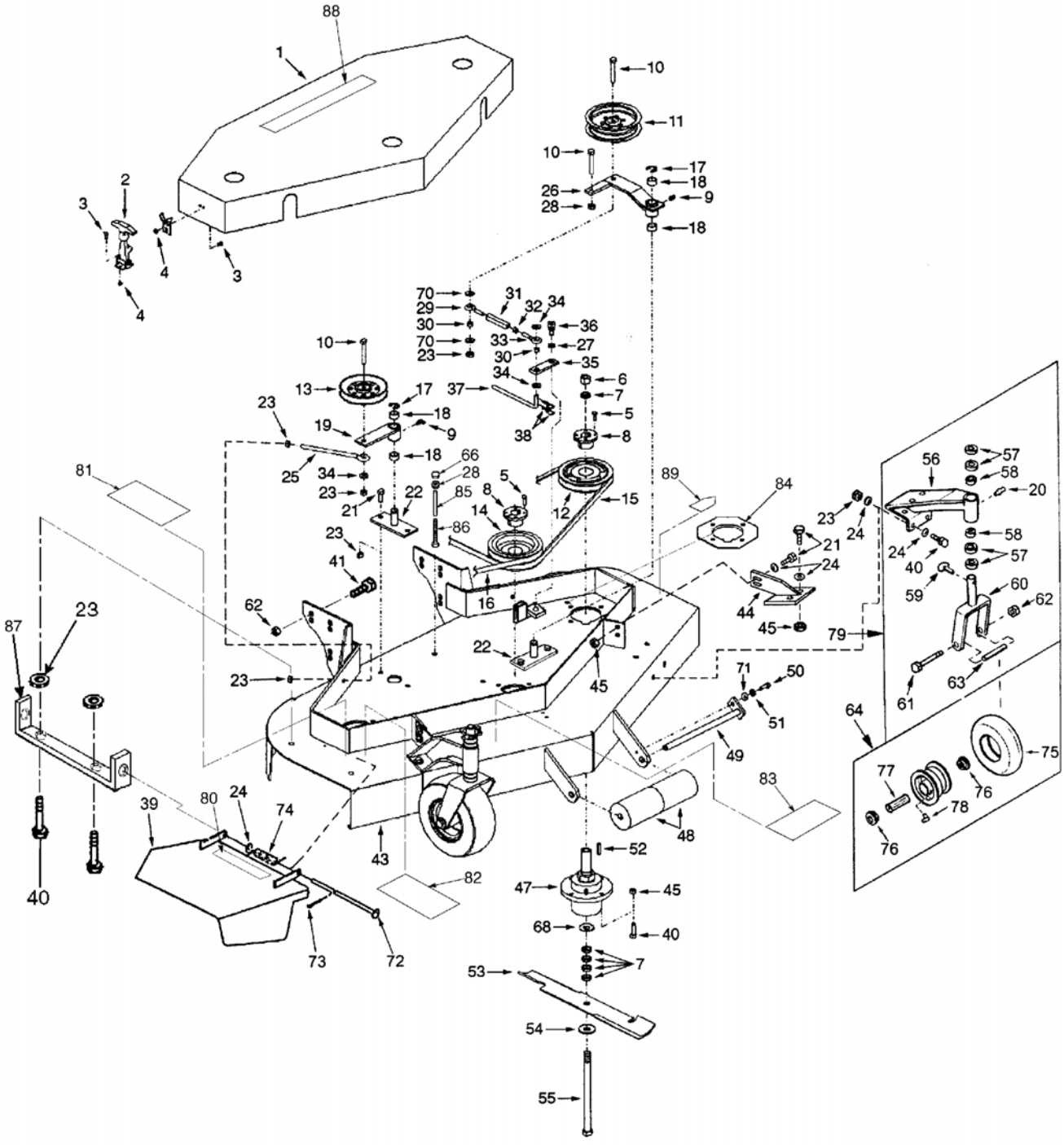
48" Fabricated Cutter Deck - Figure 2



48" Fabricated Cutter Deck - Parts List for Figure 2

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	01001032	Deck Cover	1	55	00021517	Key, 1/4 x 1/4 x 2	3
2	00021951	Rubber Latch	3	56	00021871	Rotary Blade, 16-1/2	3
3	00008745	Machine Screw, 10-24 x 1/2 Round Hd.	12	57	00013432	Flat Washer, 5/8	3
4	00006194	Hex Nut, 10-24 Nylock	12	58	00013091	Cap Screw, 5/8-11 x 9-1/2 Hex Hd.	3
5	00013131	Cap Screw, 1/4-20 x 3/4 Hex Hd.	6	59	00021853	Caster Assembly (Incl. Ref. 67)	2
6	00011807	Hex Nut, 5/8-11	3	60	01001059	Caster Bracket	2
7	00021924	Blade Spacer	15	61	00021925	Caster Spacer	8
8	00021973	Pulley Bushing	3	62	00064164	Bushing, Caster Bracket	4
9	00012226	Grease Fitting, 1/4-28, 90×	1	63	00021863	Lynch Pin, 7/16 x 1-7/8	2
10	00011861	Cap Screw, 3/8-16 x 2-1/2 Hex Hd.	3	64	01001052	Caster Yoke	2
11	00021977	Idler, Deck Take-up	1	65	00012675	Cap Screw, 1/2-13 x 5-1/2 Hex Hd.	2
12	00021970	Deck Pulley	2	66	00012428	Hex Nut, 1/2-13 Nylock	8
13	00021975	Deck Idler	1	67	00014528	Sleeve, Caster Wheel Bearing	2
14	00022971	Double Pulley	1	68	01002198	Caster Wheel Assembly	2
15	00021947	Drive Belt	1	69	00021852	Tire, Caster Wheel	2
16	00050480	Drive Belt	1	70	00014409	Bearing Retainer, Caster Wheel	4
17	00021961	E-Ring, External	2	71	00014258	Roller Bearing, Caster Wheel	2
18	00021990	Sintered Bushing	4	72	00021958	Grease Fitting, 1/4-28, 45×	2
19	00021893	Pivot Arm, Deck Idler Pulley	1	73	01002539	Bolt	6
20	00060078	Grease Fitting, 1/4-28, Taper, Str.	2	74	00018468	Protective Cap	6
21	00006144	Cap Screw, 3/8-16 x 1 Hex Hd.	8	75	00018467	Channel, Rubber (Sold per Foot)	1.5
22	00063043	Idler Pivot	2	76	00002766	Flat Washer, 1-1/2 x 5/8 x .055	3
23	00012173	Hex Nut, 3/8-16 Nylock	26	77	00083192	Flat Washer, 3/8, Thick	4
24	00012158	Flat Washer, 3/8, Small O.D.	23	78	00018650	Grease Fitting	1
25	00030335	Rod, Belt Tensioner	1	79	00011075	Flat Washer, 5/16 USS	2
26	00021895	Pivot Arm, Deck Take-up Idler Pulley	1	80	01002037	Torsion Spring	1
27	00012402	Shim Washer, 3/4 x 1/2 x 1/16	1	81	00030644	Deflector Pivot Pin Ass'y	1
28	00006131	Hex Nut, 3/8-16	3	82	00003107	Cotter Pin, 1/8 x 1	1
29	00019271	Eyebolt, L.H.	1	83	00013597	Decal, "Width Cut"	1
30	00062715	Sleeve	2	84	00030633	Decal, Rotating Blade	1
31	01002510	Turnbuckle	1	85	00030634	Decal, Warning Safety	1
32	00013433	Hex Nut, 5/16-18	1	86	00030635	Decal, Warning Shield	1
33	00014459	Eyebolt, R.H.	1	87	01000160	Spacer, Belt Guard	6
34	00006168	Flat Washer, 3/8, Large O.D.	1	88	01000150	Plate, Spindle Backing	3
35	00021892	Clutch Link	1	89	01000517	Bolt, Carriage	6
36	00014439	Shoulder Bolt, 1/2 X 3/8	1	90	01001030	Bumper, 48"	6
37	00021884	Rod, Blade Clutch	1	91	01002166	Decal, Danger	1
38	00021956	Hairpin, 3/8-7/16	4	92	01002010	Bolt, Carriage	4
39	01001064	Discharge Chute	1	93	01001033	Label, Command Deck	1
40	00011444	Cap Screw, 3/8-16 x 1-1/4 Hex Hd.	12	94	01001040	Bracket, Deflector	1
41	00002924	Cap Screw, 1/2-13 x 1-1/4 Hex Hd.	6	95	01000643	Bolt, Carriage	14
42	00010873	Lock Washer, 1/2 Heavy	6		00034931	Metal Grasscatcher with Bracket	1
43	01001028	Cutter Deck	1			(Optional accessory - not shown)	
44	01001098	Caster Support	2		00019433	Cloth Grasscatcher	1
45	00034224	Hex Nut, 3/8-16 Stover	21			(Optional accessory - not shown)	
46	00021931	Belt Guide	4		00031076	Cloth Replacement Bag	1
47	00057412	Spindle Assembly	3			(Optional accessory - not shown)	
48	00031912	Hex Nut, 1-1/8-12 UNF, Jam	3		00030100	Mulching Kit	
49	00054433	Kit, Spindle Repair (Incl. 1 Lock Washer, 2 Seals and 2 Bearing Sets)	3			(Optional accessory - not shown)	1
50	00082246	Seal Spacer	3				
51	00080851	Spindle Housing	3				
52	00031924	Grease Fitting	3				
53	00056004	Internal Spacer	3				
54	00056922	Spindle	3				

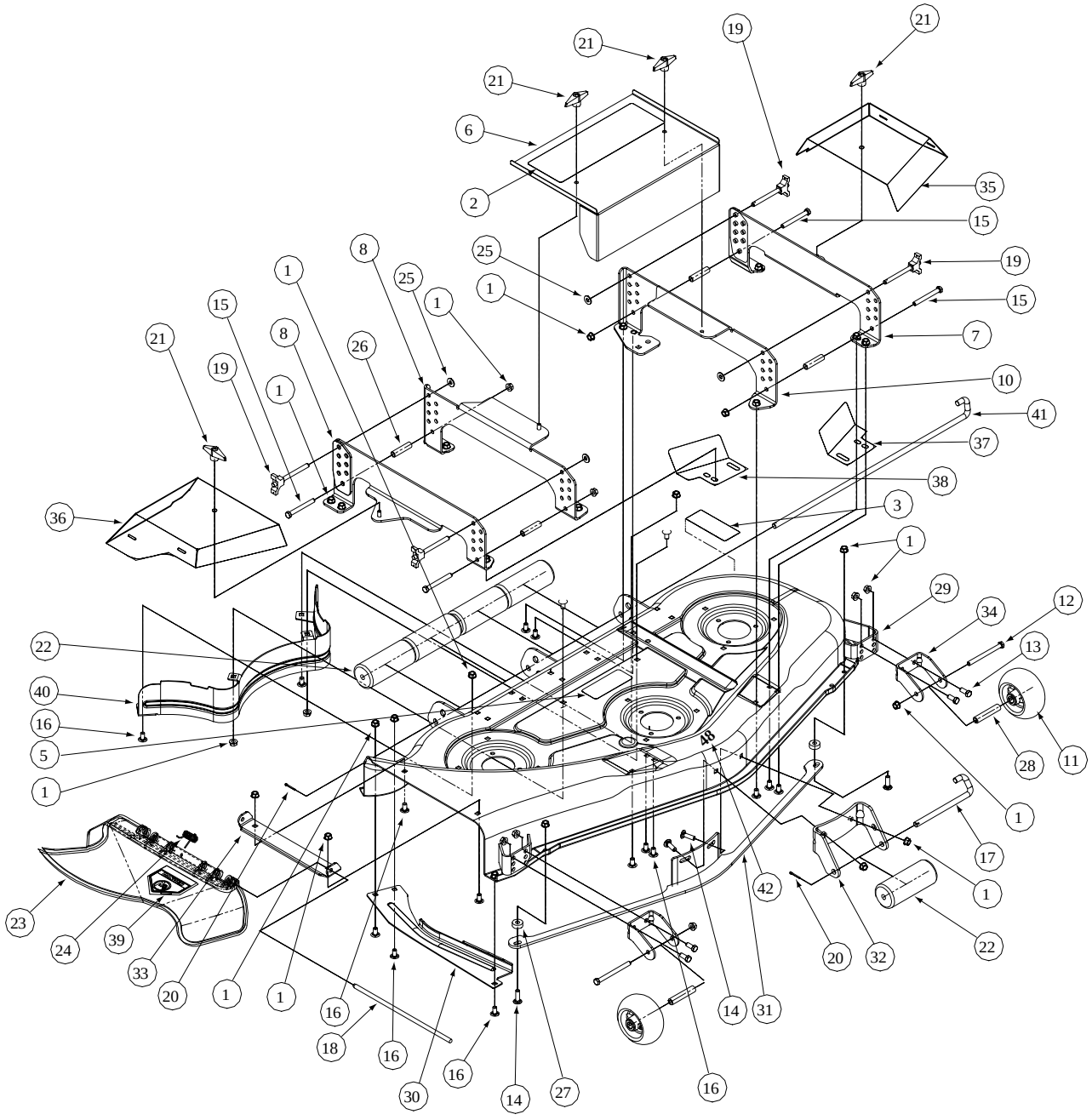
52" Fabricated Cutter Deck - Figure 3



52" Cutter Deck - Parts List for Figure 3

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	01001091	Belt Cover	1	45	00034224	Hex Nut, 3/8-16 Stover	21
2	00021951	Latch	3	46	00021931	Belt Guide	4
3	00008745	Machine Screw, #10-24 x 1/2 Rd. Hd.	12	47	00057412	Spindle Assembly	3
4	00006194	Hex Nut, #10-24 Nylock	12	48	00065168	Roller, Anti-Scalping	2
5	00013131	Cap Screw, 1/4-20 x 3/4 Hex Hd.	6	49	00065659	Axle	1
6	00011807	Hex Nut, 5/8-11	3	50	00013406	Cap Screw, 5/16-18 x 3/4 Hex Hd.	1
7	00021924	Blade Spacer	15	51	00060073	Lock Washer, 5/16	1
8	00021973	Bushing, Pulley	3	52	00021517	Key, 1/4 x 1/4 x 2	3
9	00012226	Grease Fitting, 1/4-28, 90	1	53	00050125	Blade, Rotary 18	3
10	00011861	Cap Screw, 3/8-16 x 2-1/2 Hex Hd.	3	54	00013432	Flat Washer, 5/8	3
11	00021977	Idler, Deck Take-Up	1	55	00013091	Cap Screw, 5/8-11 x 9-1/2 Hex Hd.	3
12	00021970	Pulley, Single Belt	2	56	01001057	Caster Bracket	2
13	00021975	Pulley, Idler	1	57	00021925	Caster Spacer	8
14	00022971	Pulley, Dual Belt	1	58	00064164	Bushing, Caster Bracket	4
15	00068079	Belt, BK90	1	59	00021863	Lynch Pin	2
16	00068093	Belt, BK54	1	60	01001052	Caster Yoke	2
17	00021961	E-Ring, External	2	61	00012675	Cap Screw, 1/2-13 x 5-1/2 Hex Hd.	2
18	00021990	Sintered Bushing	2	62	00012428	Hex Nut, 1/2-13 Nylock	8
19	00021893	Pivot Arm, Deck Idler Pulley	1	63	00014528	Sleeve, Caster Wheel Bearing	2
20	00060078	Grease Fitting, 1/4-28, Straight	2	64	01002198	Tire and Wheel Assembly, 9 x 3.50 - 4	2
21	00006144	Cap Screw, 3/8-16 x 1 Hex Hd.	8	65	01002539	Cap Screw, 3/8-16 x 5 Hex Hd.	6
22	00063043	Idler Pivot	2	66	00018468	Protective Cap	6
23	00012173	Hex Nut, 3/8-16 Nylock	20	67	00018467	Rubber Channel (Sold per Foot)	1 Ft.
24	00012158	Flat Washer, 3/8 Small O.D.	23	68	00002766	Flat Washer, 1-1/2 x 5/8 x .055	3
25	00030335	Rod, Idler Tensioner	1	69	00083192	Flat Washer, 3/8 Heavy	4
26	00021895	Pivot Arm, Deck Take-Up Idler Pulley	1	70	00011075	Flat Washer, 5/16 USS	2
27	00012402	Shim Washer, 1/2 x 3/4 x 1/16	1	71	00012169	Flat Washer, 5/16	1
28	00006131	Hex Nut, 3/8-16	3	72	00030644	Deflector Pin Ass'y	1
29	00019271	Eyebolt, L.H.	1	73	00003107	Cotter Pin 1/8" x 1"	1
30	00062715	Sleeve	2	74	01002037	Torsion Spring	1
31	01002510	Turnbuckle	1	75	00021852	Tire, Caster Wheel	2
32	00013433	Hex Nut, 5/16-18	1	76	00014409	Bearing Retainer, Caster Wheel	4
33	00014459	Eyebolt, R.H.	1	77	00014258	Roller Bearing, Caster Wheel	2
34	00006168	Flat Washer, 3/8 Large O.D.	1	78	00021956	Grease Fitting	2
35	00021892	Clutch Link	1	79	00021853	Caster Assembly	2
36	00014439	Shoulder Bolt	1	80	00013597	Decal, "Width Cut"	1
37	00021884	Rod, Blade Clutch	1	81	00030633	Decal, Rotating Blade	1
38	00021956	Clip, Hairpin, 3/8-7/16	2	82	00030634	Decal, Warning Safety	1
39	01001094	Discharge Chute	1	83	00030635	Decal, Warning Shield	1
40	00011444	Cap Screw, 3/8-16 x 1-1/4 Hex Hd.	12	84	01000150	Plate, Spindle Backing	3
41	01000517	Cap Screw, 1/2-13 x 1-1/4 Hex Hd.	6	85	01000160	Spacer, Belt Guard	6
42	00010873	Lock Washer, 1/2 Heavy	6	86	01000643	Bolt, Carriage 3/8-16 x 1	14
43	01001090	Deck, 52" Walk-Behind	1	87	01001040	Bracket, Deflector	1
44	01001096	Caster Brace	2	88	01001072	Label, Cutter Deck	1
				89	01002166	Decal, Danger	1

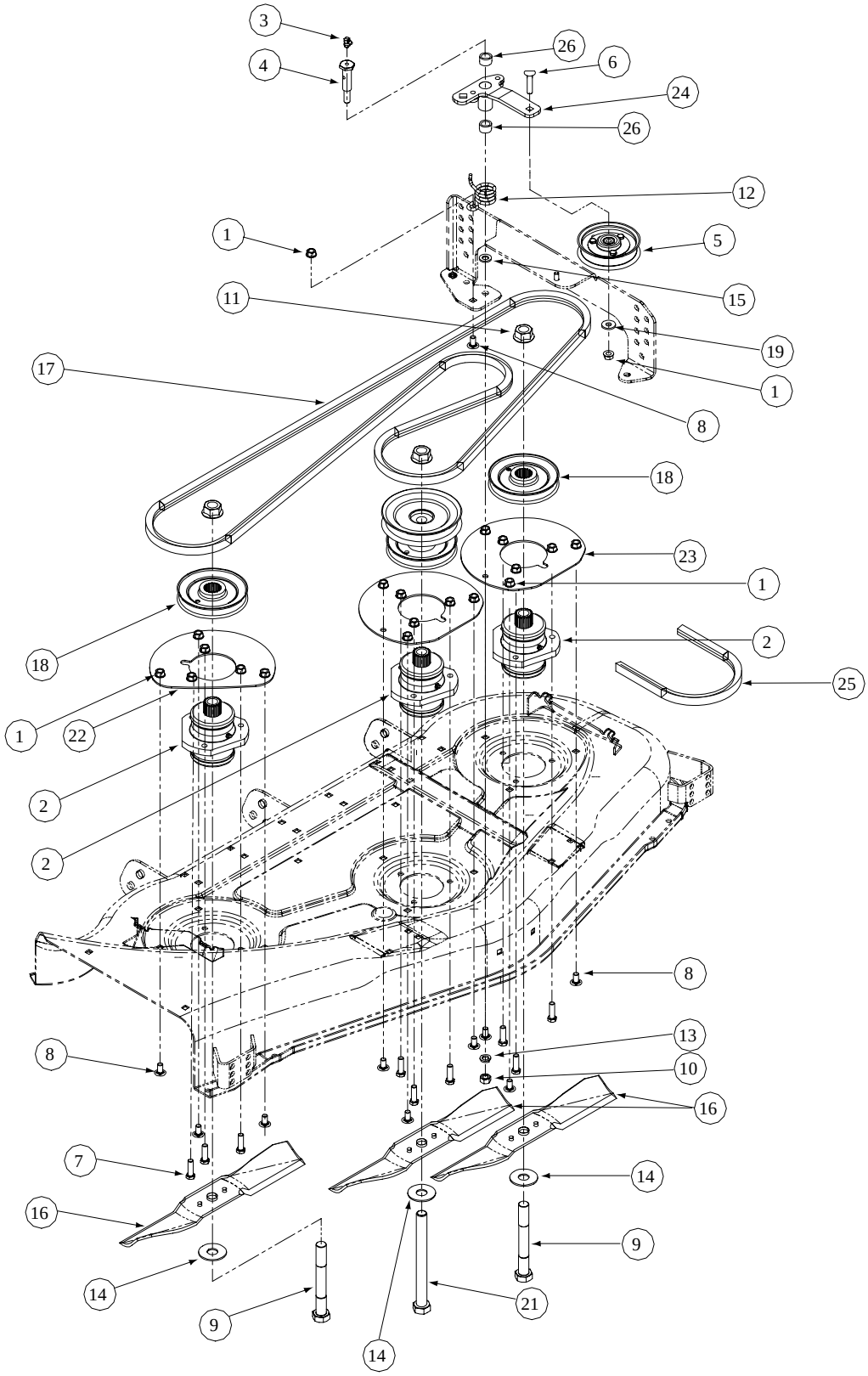
48" Float Cutter Deck - Figure 4



48" Float Cutter Deck - Parts List for Figure 4

Ref. No.	Part No.	Description	Qty.
1	01001033	Nut, Hex, 3/8-16 Flange Lock	37
2	01001033	Label MTD Pro	1
3	00030633	Decal, Rotating Blade	1
4	00030634	Decal, Warning Safety	1
5	00030635	Decal, Warning Shield Missing	1
6	01002063	Cover, Belt Center	1
7	01002052	Hanger Assembly, Outer Left Handle	1
8	01002053	Hanger Assembly, Inner Right Handle	1
9	01002054	Hanger Assembly, Outer Right Handle	1
10	01002055	Hanger Assembly, Inner Left Handle	1
11	01000343	Wheel, Complete, 5.00 Diameter	2
12	01000367	HHCS, 3/8-16, 4.25	2
13	01000368	HHCS, 3/8-16, .88	4
14	01000370	Carrige Screw, 3/8-16x1.25	4
15	01000371	HHCS, 3/8-16, 3.25	4
16	01000372	Carrige Bolt, 3/8-16 x .75 LG	23
17	01000375	Roller Pin, 1/2 Diameter x 7.31 LG	1
18	01000376	Pin Hinge, .375 x 12.93	1
19	01003993	Pin, Quick Release, 3/8 Dia. x 3.1	4
20	01000381	Cotter Pin, 1/8 x 1.0	2
21	01000382	Knob Assembly, Wingnut 5/16-18	4
22	01000385	Front Roller	5
23	01000386	Deflector Chute	1
24	01000388	Torsion Spring	1
25	01000391	Flat Washer, .385 IDx.870 ODx.092	4
26	01000395	Spacer, Stop Deck	4
27	01000397	Spacer, .406 ID x 1.00 OD x .38	2
28	01000398	Spacer Wheel	2
29	01002079	Mower Deck Assembly	1
30	01002056	Weldment, Guard Assembly	1
31	01002057	Weldment Front Bar 48"	1
32	01002058	Front Roller Bracket	1
33	01002064	Mounting Bracket, Chute	1
34	01002065	Castor Bracket	1
35	01002066	Belt Cover, Left Handle, 48"	2
36	01002067	Belt Cover, 48" Deck R.H.	1
37	01002069	Filler Plate, Left Hand	1
38	01002068	Filler Plate, Right Hand	1
39	01002166	Decal, Danger, Hands and Feet	1
40	01002234	Baffle, Right Rear, Inner 48" Deck	1
41	01002635	Roller Pin	1
42	00026313	Label, MTD Pro 48	1

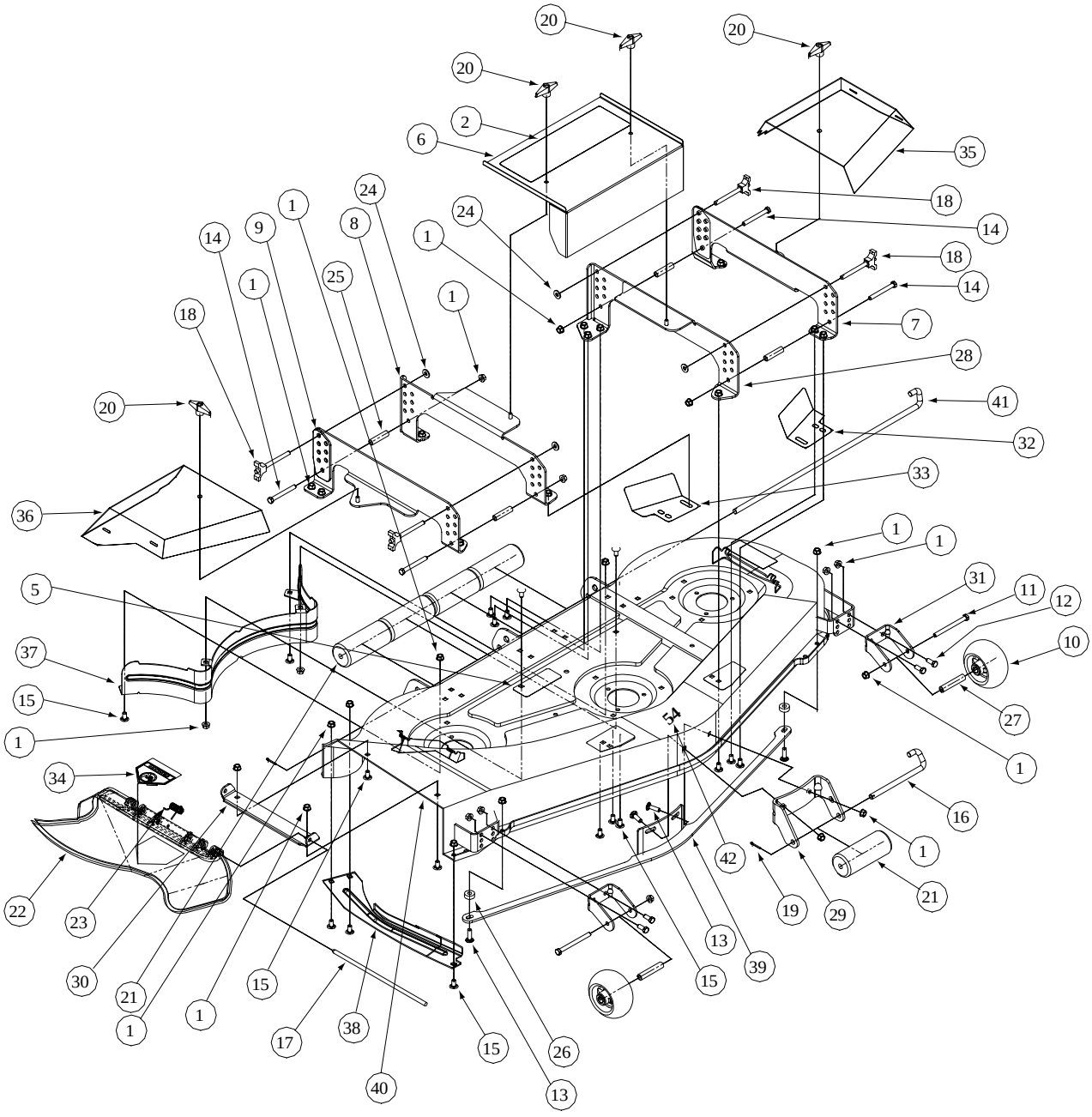
48" Float Deck Spindle Assembly - Figure 5



48" Float Deck Spindle Assembly - Parts List for Figure 5

Ref. No.	Part No.	Description	Qty.
1	00022560	Hex Nut, 3/8-16 Flange Lock	20
2	01000133	Spindle Assembly w/Cups	3
3	01000301	Fit, 90 Tapper Grease 1/4-28	1
4	01000302	Shoulder Screw, 7/16-14	1
5	01000336	Idler Pulley Assembly, 4.00"	1
6	01000364	Screw, 3/8-16, 1.75 Hex Carrier	1
7	01000369	HHCS, 3/8-16, 1.25	9
8	01000372	Carrige Bolt, 3/8-16 x .75 LG.	10
9	01000373	HHCS, 3/4-16, 6.00	2
10	01000379	Nut, Hex, 7/16-14	1
11	01000380	Nut, Hex Flange, 3/4-16	3
12	01000387	Spring Idler Torsion	1
13	01000389	Lock Washer, 7/16	1
14	01000392	Flange Washer, .781, ID: 2.00 OD: .105	3
15	01000393	Flange Washer, .469, ID: .875 OD: .105	1
16	01002072	Mower Blade 16.5 LG.	3
17	01000399	V Belt, A Sect x 107.3 LG	1
18	01000401	Pulley-V 4.65 P.O.	2
19	01000723	Washer, Flange, .406 ID: 1.0 OD:.105	1
20	01000851	Double Pulley	1
21	01002074	HHCS: 3/4-16, 8.00	1
22	01002061	Cover Plate, Right Hand	1
23	01002062	Cover Plate	2
24	01002051	Idler Arm Assembly, W/Briggs	1
25	01002391	V Belt, B Sect x 63.04 EL	1
26	01000308	Bearing Sleeve	2

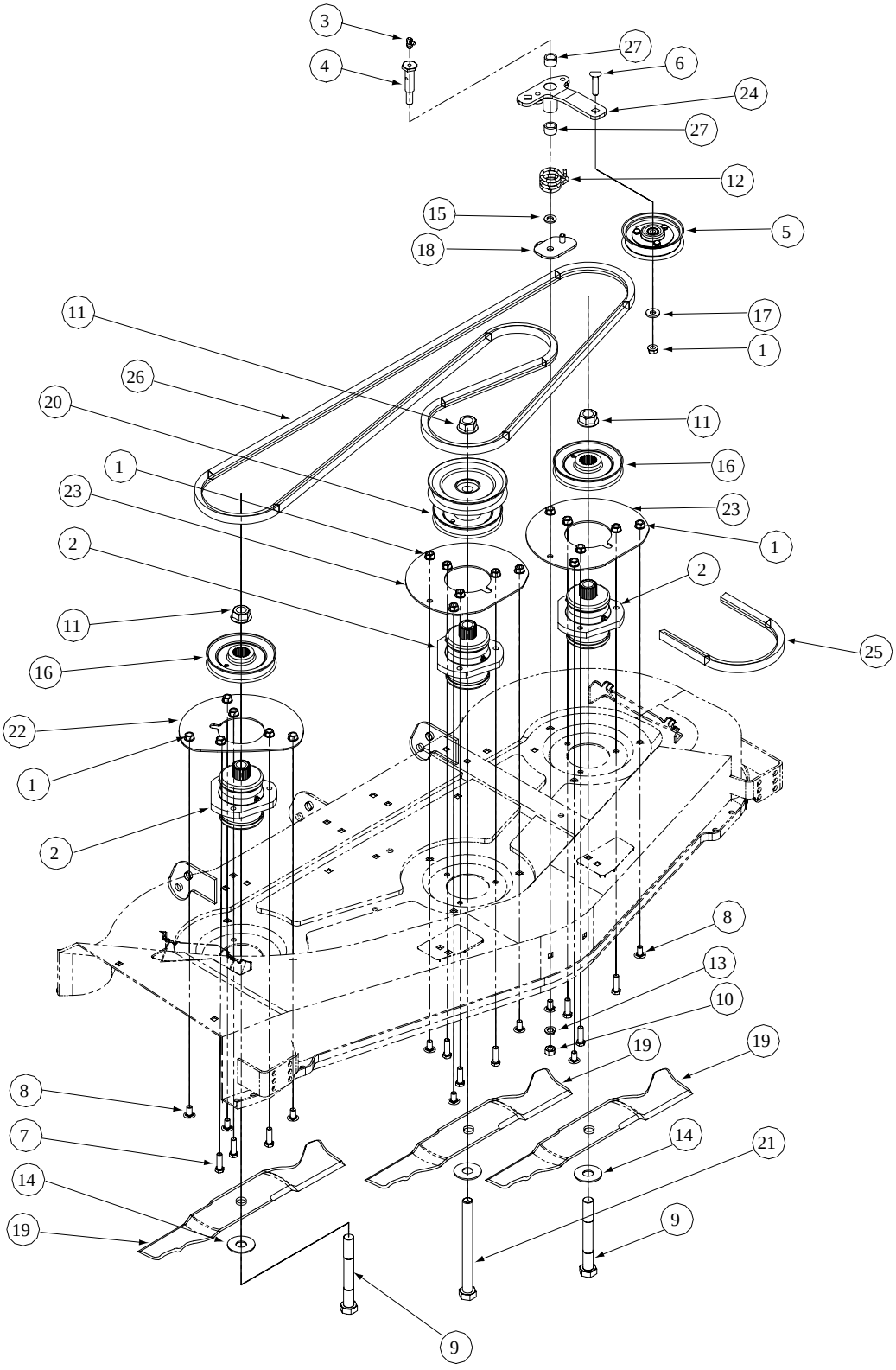
54" Float Cutter Deck - Figure 6



54" Float Cutter Deck - Parts List for Figure 6

Ref. No.	Part No.	Description	Qty.
1	00022560	Nut, Hex, 3/8-16 Flange Lock	37
2	01002127	Label, MTD Pro 54	1
3	00030633	Decal, Rotating Blade	1
4	00030634	Decal, Warning Safety	1
5	00030635	Decal, Warning Shield Missing	1
6	01002063	Cover, Belt Center	1
7	01002052	Hanger Assembly, Outer Left Handle	1
8	01002053	Hanger Assembly, Inner Right Handle	1
9	01002054	Hanger Assembly, Outer Right Handle	1
10	01000343	Wheel, Complete, 5.00 Diameter	2
11	01000367	HHCS, 3/8-16, 4.25	2
12	01000368	HHCS,3/8-16, .88	4
13	01000370	Carrige Screw, 3/8-16x1.25	4
14	01000371	HHCS, 3/8-16, 3.25	4
15	01000372	Carrige Bolt, 3/8-16 x .75 LG	23
16	01000375	Roller Pin, 1/2 Diameter x 7.31 LG	1
17	01000376	Pin Hinge, .375 x 12.93	1
18	01003993	Pin, Quick Release, 3/8 Dia. x 3.1	4
19	01000381	Cotter Pin, 1/8 x 1.0	2
20	01000382	Knob Assembly, Wingnut 5/16-18	4
21	01000385	Front Roller	5
22	01000386	Deflector Chute	1
23	01000388	Torsion Spring	1
24	01000391	Flat Washer, .385 IDx.870 ODx.092	4
25	01000395	Spacer, Stop Deck	4
26	01000397	Spacer, .406 ID x 1.00 OD x .38	2
27	01000398	Spacer Wheel	2
28	01002269	Hanger Assembly, Inner Left Hand	1
29	01002058	Front Roller Bracket	1
30	01002064	Mounting Bracket, Chute	1
31	01002065	Castor Bracket	2
32	01002069	Filler Plate, Left Handle	1
33	01002068	Filler Plate, Right Handle	1
34	01002166	Decal, Danger, Hands and Feet	1
35	01002255	Cover Belt, Left Hand	1
36	01002258	Cover Belt, Right Hand	1
37	01002261	Baffle, Right Rear, Inner	1
38	01002264	Finger Guard Assembly, 54"	1
39	01002267	Front Bar Assembly, 54"	1
40	01002272	Mower Deck Assembly	1
41	01002635	Roller Pin	1
42	01002129	Decal, 54"	1

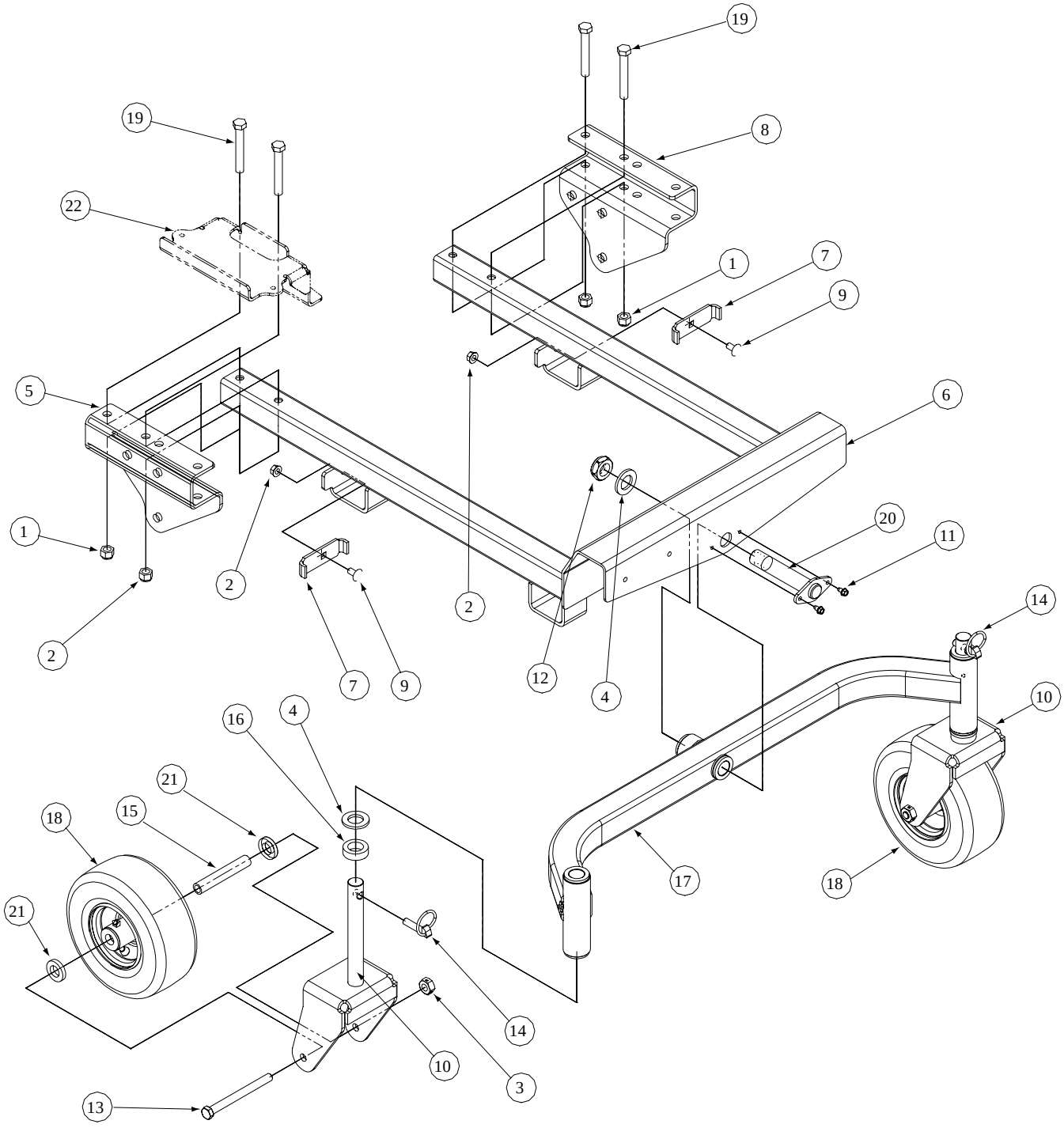
54" Float Deck Spindle Assembly - Figure 7



54" Deck Spindle Assembly - Parts List for Figure 7

Ref. No.	Part No.	Description	Qty.
1	00022560	Hex Nut 3/8-16 Flange Lock	19
2	01000133	Spindle Assembly w/Cups	3
3	01000301	Fit, 90 Tapper Grease 1/4-28	1
4	01000302	Shoulder Screw, 7/16-14	1
5	01000336	Idler Pulley Assembly, 4.00"	1
6	01000364	Screw, 3/8-16, 1.75, Hex Carrier	1
7	01000369	HHCS, 3/8-16, 1.25	9
8	01000372	Carrige Bolt, 3/8-16 x .75 LG.	9
9	01000373	HHCS, 3/4-16, 6.00	2
10	01000379	Hex Nut, 7/16-14	1
11	01000380	Flange Hex Nut, 3/4-16	3
12	01000387	Spring Idler Torsion	1
13	01000389	Lock Washer, 7/16	1
14	01000392	Flange Washer, .781 ID:2.00 OD:.105	3
15	01000393	Flange Washer, .469 ID:.875 OD:.105	1
16	01000401	Pulley-V, 4.65 P.D.	2
17	01000723	Flange Washer, .406 ID:1.0 OD:.105	1
18	01000788	Plate Idler Assembly	1
19	01001490	Blade, High Lift, 18.5 LG	3
20	01000851	Double Pulley	1
21	01002074	HHCS, 3/4-16, 8.00	1
22	01002061	Cover Plate, Right Hand	1
23	01002062	Cover Plate	2
24	01002051	Idler Arm Assembly, w/Briggs	1
25	01002391	V Belt, B Sect x 63.04 EL	1
26	01002932	Belt Spindle, A Sect x 122.0	1S
27	01000308	Bearing Sleeve	2

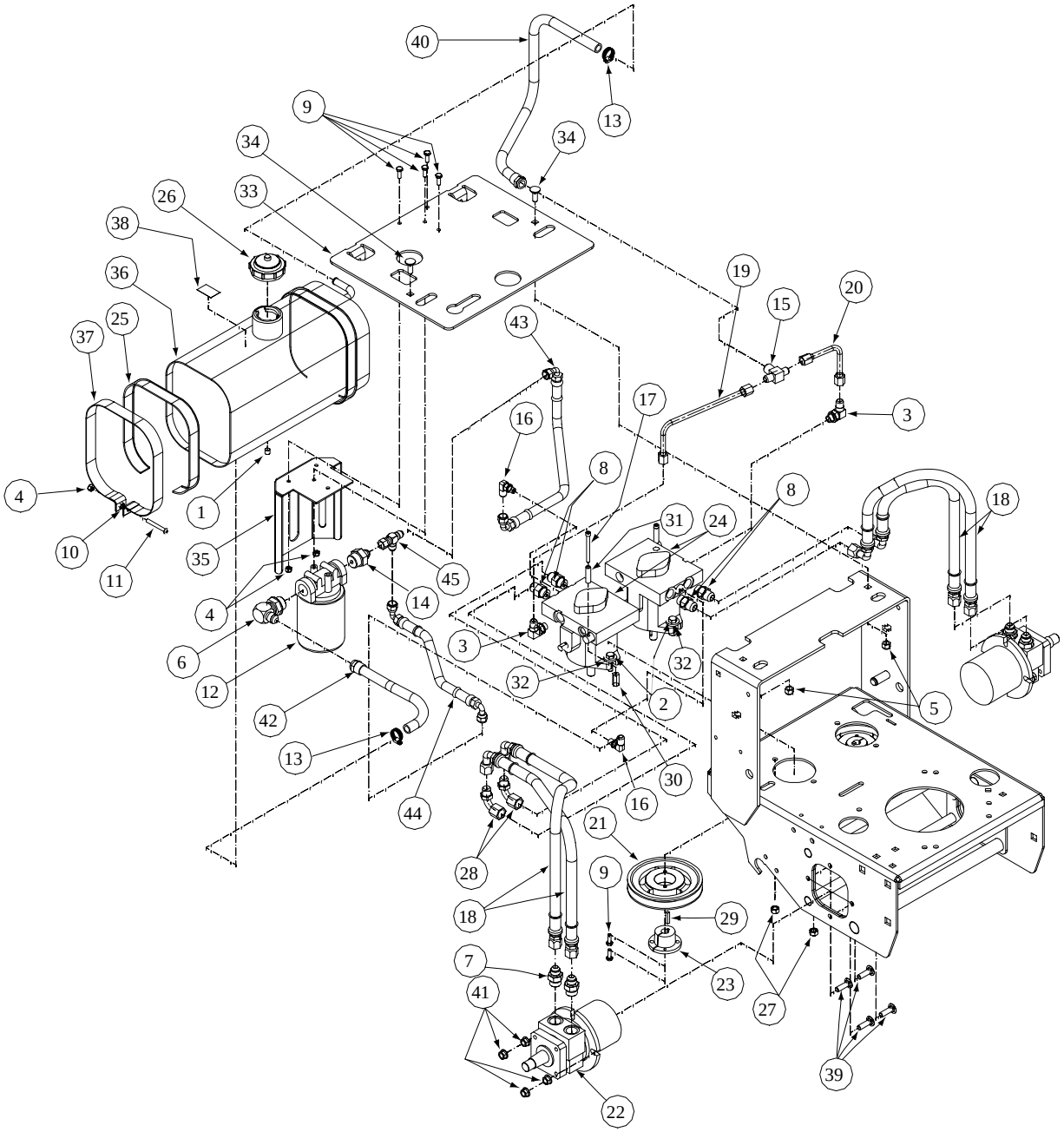
Float Deck Front Axle Frame Assembly - Figure 8



Float Deck Front Axle Frame Assembly - Parts List for Figure 8

Ref. No.	Part No.	Description	Qty.
1	00010778	Hex Jam Nut 1/2-13	4
2	00022560	Nut, Hex 3/8-16 Flange Lock	2
3	00023287	Nut, 1/2-20, Center Lock	2
4	00023822	Washer Special	3
5	01002662	Support Brack Frame Right Hand	1
6	01002155	Front Frame Assembly	1
7	01002501	Plate Wear	2
8	01002147	Bracket Support Frame, Left Hand	1
9	01000372	Carrige Bolt, 3/8-16 x .75 LG.	2
10	01002163	Caster Assembly	2
11	01000628	Screw, TT, 1/4-20, 0.500, Hex Index Washer	2
12	01000678	Nut, Jam, 1.0-14, Insert Lock	1
13	01000745	HHCS, 1/2-20, 5.50	2
14	01000746	Pin, Klik, 1.75 LG	2
15	01000749	Spacer Wheel	2
16	01000750	Spacer, 1.015 ID x 1.62 OD x .50	2
17	01001330	Front Axle Assembly	1
18	01003021	Wheel Assembly 9.0 x3.50 -4	2
19	01003113	Hex Cap Screw, 1/2-13 x 3.25	4
20	01003118	Pin Assembly, Plated	1
21	01003123	Spacer, .790 ID x .347 LG	4
22	01002664	Battery Bracket	1

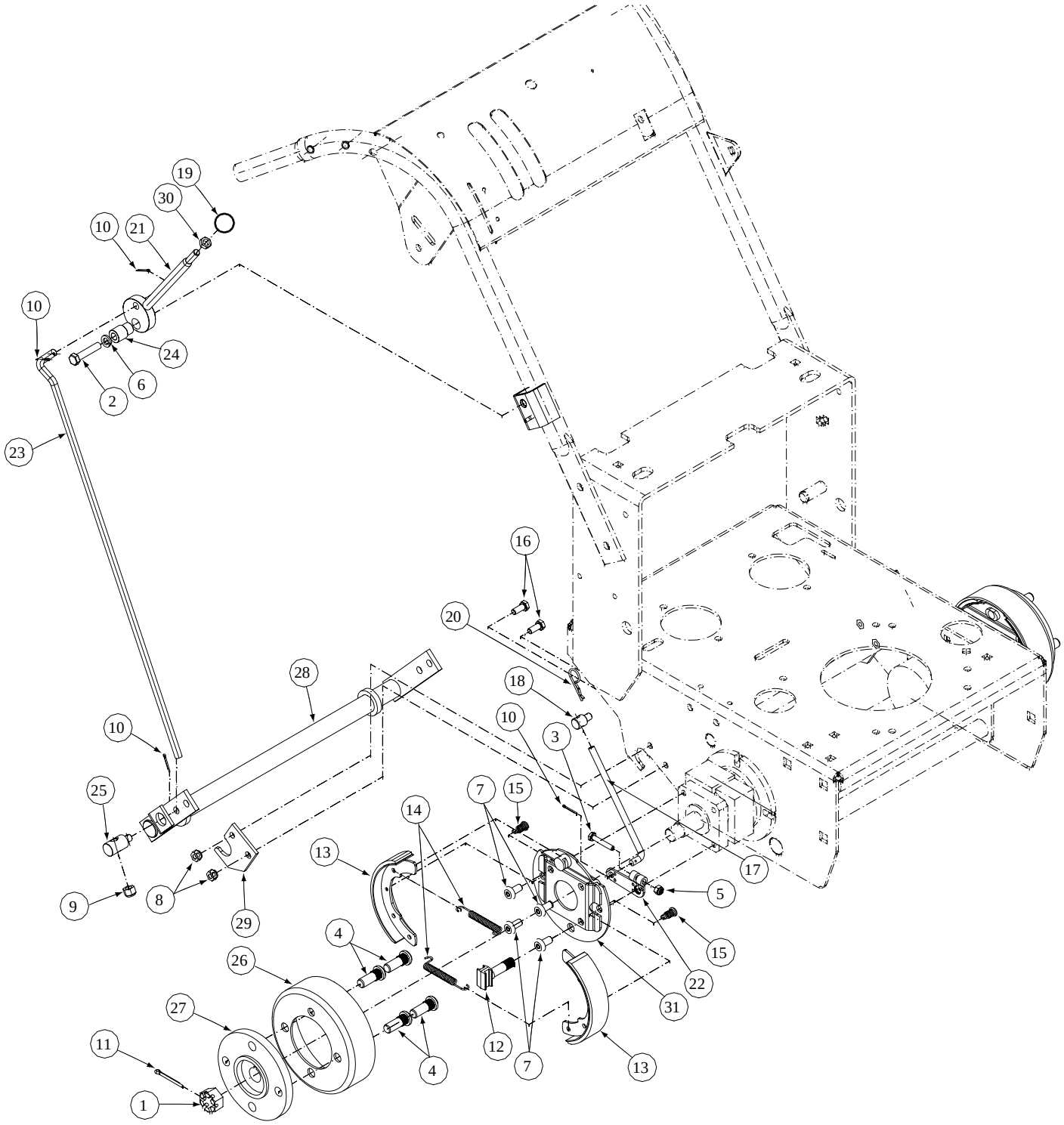
Hydro Pump Assembly - Figure 9



Hydro Pump Assembly - Parts List for Figure 9

Ref. No.	Part No.	Description	Qty.
1	00003759	Plug, 1/4"	1
2	00011444	Cap Screw, Standard, 3/8-16 x 1-1/4	4
3	00012078	Fitting, Aeroquip	2
4	00012152	Lock Nut, 1/4-20	4
5	00012173	Lock Nut, 3/8-16	2
6	00012269	Elbow 90° 1/2 x 3/4	1
7	00012288	Fitting, Aeroquip	4
8	00012426	Fitting, Aeroquip	4
9	00013131	Cap Screw, 1/4-20 x 3/4	8
10	00013291	Hex Nut, 1/4-20	2
11	00013672	Machine Screw, 1/4-20 x 2, Zinc	2
12	00017665	Filter Head 3/4	1
	01004166	Oil Filter	1
13	00017892	Clamp Wormgear, 5/16-7/8	2
14	00018068	Straight Connector 1/2 x 3/4	1
15	00018407	Fitting Aeroquip	1
16	00018443	Fitting, Aeroquip	2
17	00019962	Cap Screw, Socket Head, 1/4-20 x 2-1/2 Zinc	2
18	00021609	Hydro Hose Assembly, Reverse Pressure	4
19	00021612	Hydraulic Line, Pump Return Long	1
20	00021613	Hydraulic Line, Pump Return Short	1
21	00021970	Deck Pulley	2
22	00024060	Hydraulic Motor, Wheel	2
23	00024061	Bushing, 15mm Bore, Split, Type “D”	2
24	00024090	Pump Hydro BDP10L117	2
25	00025347	Pad, Oil Tank	2
26	00030261	Cap, Hydraulic Oil Tank	1
27	00034224	Lock Nut, 3/8-16	4
28	00042074	Fitting Aeorquip	2
29	00071204	Pump Key	2
30	00071482	Nut, Pump Release	2
31	00072141	Spacer, Pump Release	2
32	00083192	Washer, Idler	4
33	01001085	Fuel Tank, Mounting Plate	1
34	01000643	Carriage Bolt, 3/8-16 x 2	2
35	01001087	Filter Guard	1
36	00030379	Oil Tank w/Neck	1
37	00061913	Oil Tank Strap	2
38	01002007	Oil Label, 20W-50	1
39	01002010	Carriage Bolt, 3/8-16 x 1.25	8
40	01002305	Hose Assembly, (00018408 22" +00018440)	1
41	00022560	Hex Nut, Flange Lock, 3/8-16	8
42	01003000	Hose, Filter to Tank	1
43	01003001	Hose, Filter to Left Pump	1
44	01003002	Hose, Filter to Right Pump	1
45	01003003	Fitting, Aeroquips	1
	01001078	Lubricant, SAE 20W-50 Ounces	10

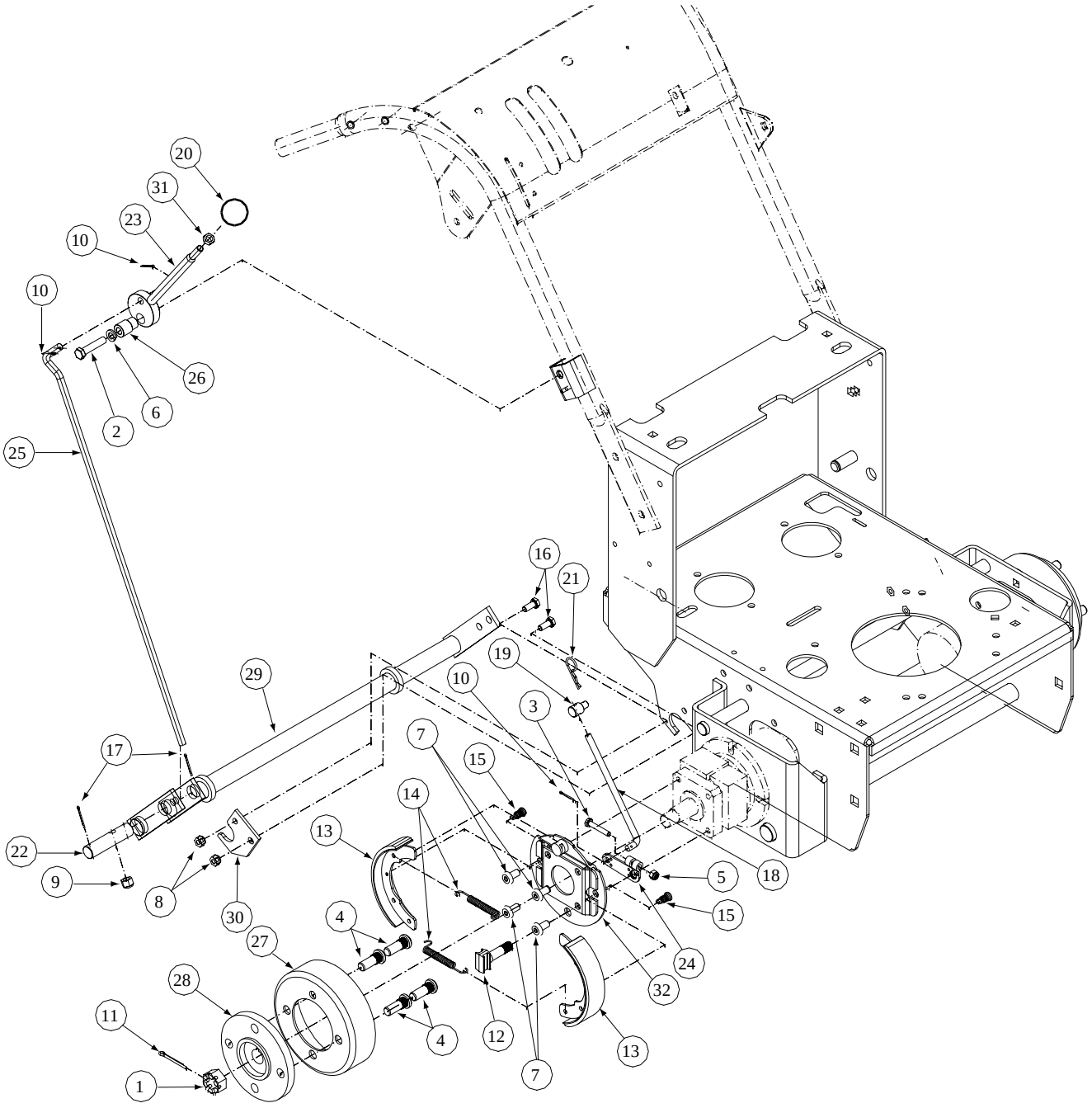
Hydro Brake Assembly - Figure 10



Hydro Brake Assembly - Parts List for Figure 10

Ref. No.	Part No.	Description	Qty.
1	00003067	Nut, Castle, 3/4-16	2
2	00008495	Capscrew, 3/8-16 x 1" Grade 5 Zinc	1
3	00011446	Cap Screw, 1/4-20 x 1.50, Grade 5	2
4	00012081	Bolt, Wheel, 1/2-20 x 1-3/8	8
5	00012152	Lock Nut, Nylon Insert, 1/4-20 Grade A	2
6	00012157	Lock Washer, 3/8 Zinc	1
7	00012161	Capscrew, Socket Button Hd., 3/8-16 x 3/4 Zinc	8
8	00012165	Nut, 5/16-18, Nylock	4
9	00012173	Nut, Nylon Insert, 3/8-16 Grade A	1
10	00012204	Cotter Pin, 3/32 x 3/4, Zinc	5
11	00012380	Cotter Pin, 5/32 x 1-1/2 Zinc	2
12	00012522	Brake Cam, Actuating	2
13	00012553	Brake Shoe w/Lining, 6 x 1-1/4	4
14	00012554	Brake Spring, Tension	4
15	00012555	Brake Spring, Anti-Vibration	4
16	00013406	Cap Screw, 5/16-18 x 3/4, Grade 5	4
17	00021930	Brake Rod	2
18	00021943	Swivel Joint	2
19	00021952	Red Knob, Shift w/Insert	1
20	00021956	Hair Pin 3/8"-1/2"	2
21	00063173	Lever Assembly, Brake	1
22	00063679	Brake Clamp, Control Assembly Hydro	2
23	00063727	Rod, Long Brake, Hydro WB	1
24	00063612	Pivot Spacer, Hydro WB	1
25	00063766	Brake Pull Joint	1
26	01001383	Brake Drum	2
27	01001385	Hub, Wheel Motor	2
28	01001387	Brake Pivot Shaft Assembly	1
29	01002890	Pivot Mount, Brake	2
30	01002511	Nut, 3/8-16, Jam, Grade 2	1
31	01003020	Brake Backing Plate	2

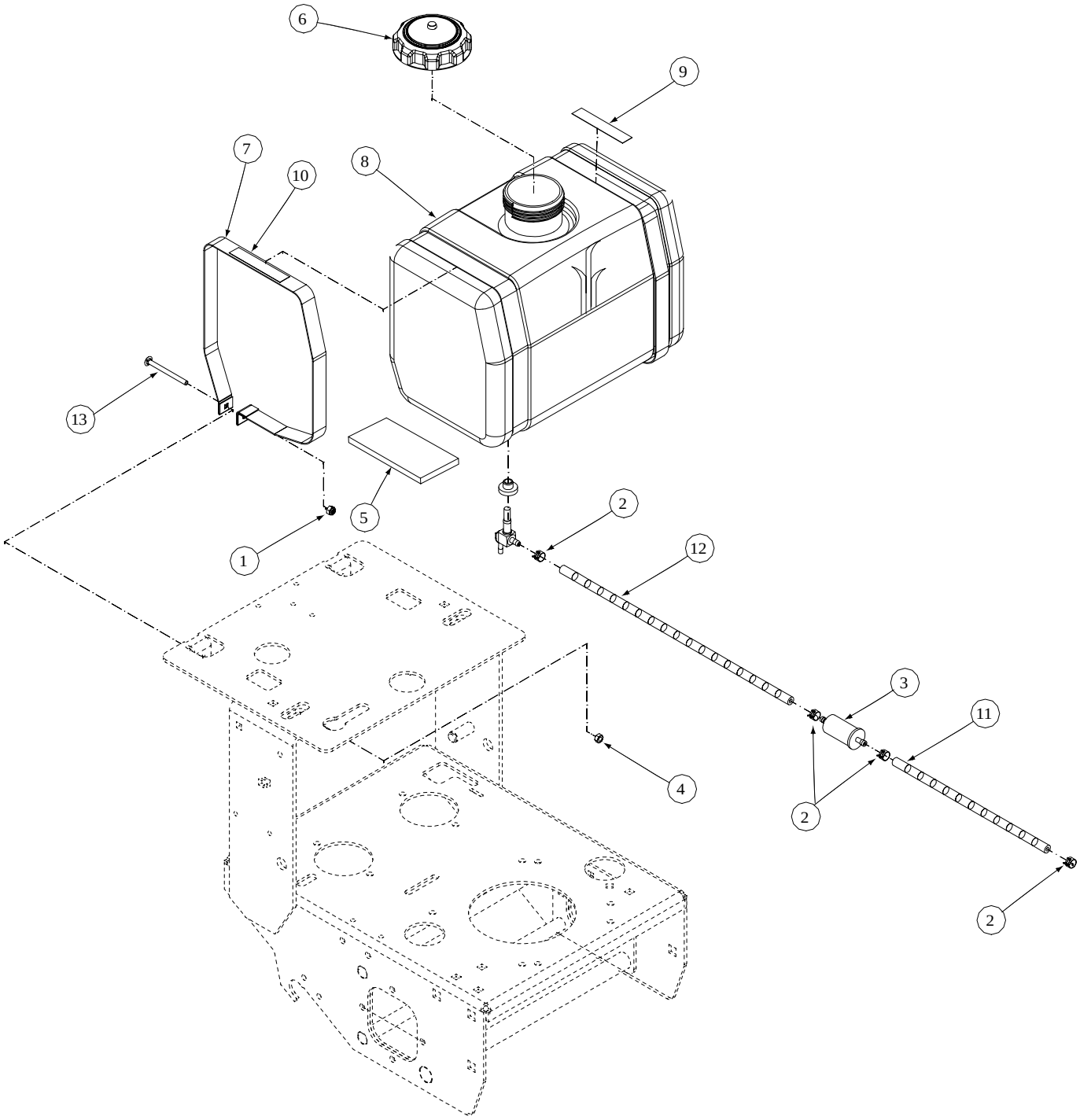
Hydro Brake Assembly WT - Figure 11



Hydro Brake Assembly WT - Parts List for Figure 11

Ref. No.	Part No.	Description	Qty.
1	00003067	Nut, Castle, 3/4-16	2
2	00008495	Capscrew, 3/8-16 x 1" Grade 5 Zinc	1
3	00011446	Cap Screw, 1/4-20 x 1.50, Grade 5	2
4	00012081	Bolt, Wheel, 1/2-20 x 1-3/8	8
5	00012152	Lock Nut, Nylon Insert, 1/4-20 Grade A	2
6	00012157	Lock Washer, 3/8 Zinc	1
7	00012161	Capscrew, Socket Button Hd., 3/8-16 x 3/4 Zinc	8
8	00012165	Nut, 5/16-18, Nylock	4
9	00012173	Nut, Nylon Insert, 3/8-16 Grade A	1
10	00012204	Cotter Pin, 3/32 x 3/4, Zinc	4
11	00012380	Cotter Pin, 5/32 x 1-1/2 Zinc	2
12	00012522	Brake Cam, Actuating	2
13	00012553	Brake Shoe w/Lining, 6 x 1-1/4	4
14	00012554	Brake Spring, Tension	4
15	00012555	Brake Spring, Anti-Vibration	4
16	00013406	Cap Screw, 5/16-18 x 3/4, Grade 5	4
17	00014149	Cotter Pin, 3/32 x 1, Zinc	2
18	00021930	Brake Rod	2
19	00021943	Swivel Joint	2
20	00021952	Knob, Red, Shift w/Insert	1
21	00021956	Hair Pin, 3/8"-1/2"	2
22	00036411	Joint, Brake Pull	1
23	00063173	Lever Assembly, Brake	1
24	00063679	Brake Clamp, Control Assembly, Hydro	2
25	00063727	Rod, Long Brake, Hydro WB	1
26	00063612	Pivot Spacer, Hydro WB	1
27	01001383	Brake Drum	2
28	01001385	Hub, Wheel Motor	2
29	01001389	Brake Shaft Assembly WT	1
30	01002890	Pivot Mount, Brake	2
31	01002511	Nut, 3/8-16, Jam, Grade 2	1
32	01003020	Brake Backing Plate	2

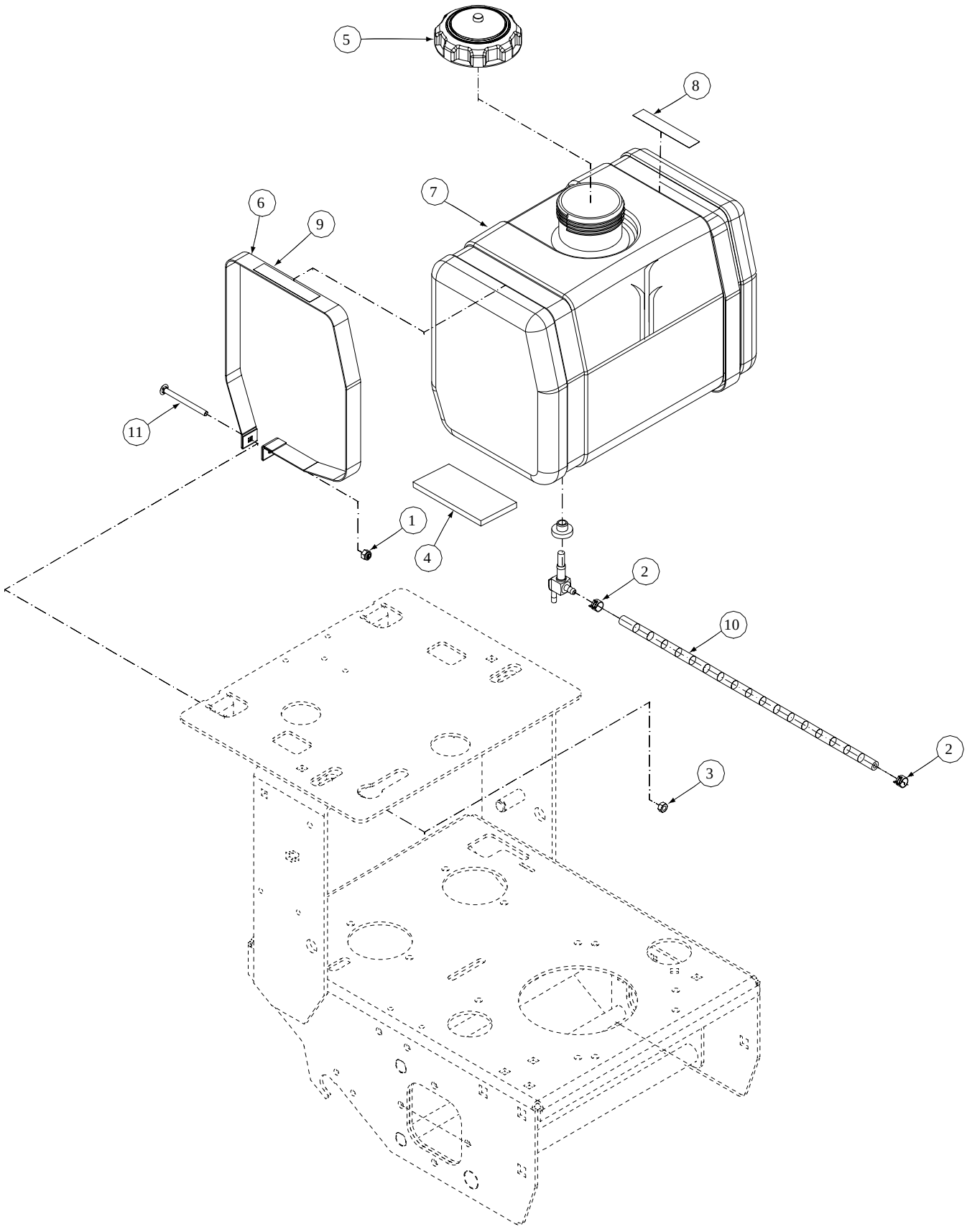
Standard Tank Assembly - Figure 12



Standard Tank Assembly - Parts List for Figure 12

Ref. No.	Part No.	Description	Qty.
1	00012152	Lock Nut, Nylon Insert, 1/4-20	2
2	00012235	Uni–Clamp	4
3	00012292	Fuel Filter, Kohler	1
4	00013291	Nut, 1/4-20	2
5	00021407	Stop Pad, Rubber	2
6	01000069	Fuel Cap, 3.5	1
7	01000080	Fuel Tank Strap	2
8	01000068	Fuel Tank	1
9	01001036	Mower Warning Label, Turn off Engine	1
10	01001038	Mower Instruction Label, Fuel Valve	1
11	01001208	Fuel Hose, 12"	1
12	01001209	Fuel Hose, 18"	1
13	01002509	Carriage Bolt, 1/4-20 x 3.00	2
14	00021407	Stop Pad, Rubber (not shown)	2
15	01000281	Grommet Fuel Tank	1

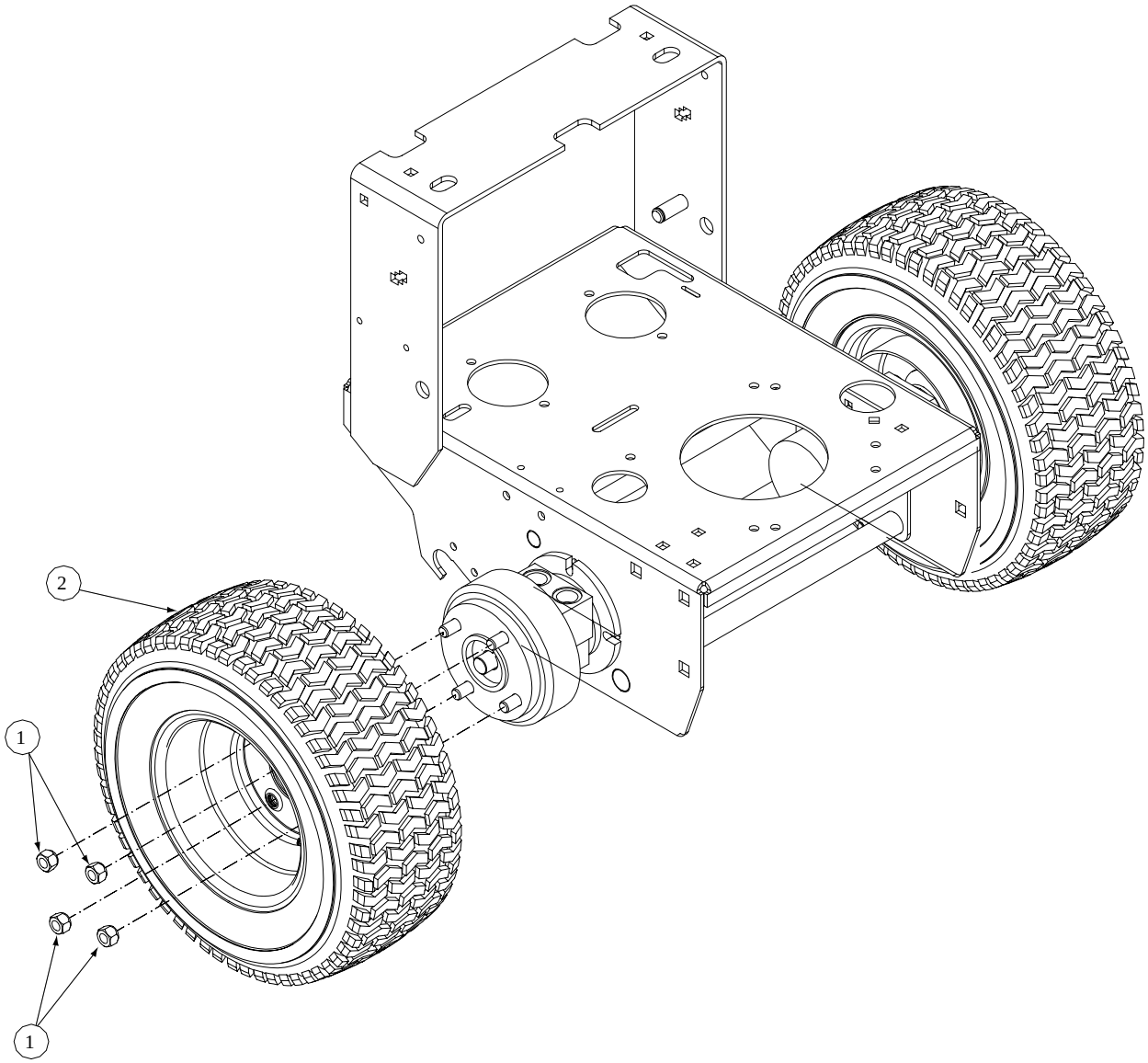
Tank Assembly WT - Figure 13



Tank Assembly WT - Parts List for Figure 13

Ref. No.	Part No.	Description	Qty.
1	0012152	Lock Nut, Nylon Insert, 1/4-20 Grade A	2
2	00012235	Uni–Clamp	2
3	00013291	Nut, 1/4-20, Grade A	2
4	00021407	Stop Pad, Rubber	2
5	01000069	Fuel Cap, 3.5	1
6	01000023	Fuel Tank Strap	2
7	01000068	Fuel Tank	1
8	01001036	Mower Warning Label, Turn Off Engine	1
9	01001038	Mower Instruction Label, Fuel Valve	1
10	01001209	18" Fuel Hose	1
11	01002509	Carriage Bolt, 1/4-20 x 3.00 Grade 5	2
12	01000281	Grommet Fuel Tank (not shown)	1
13	01000282	Shut Off Fuel Tank (not shown)	1

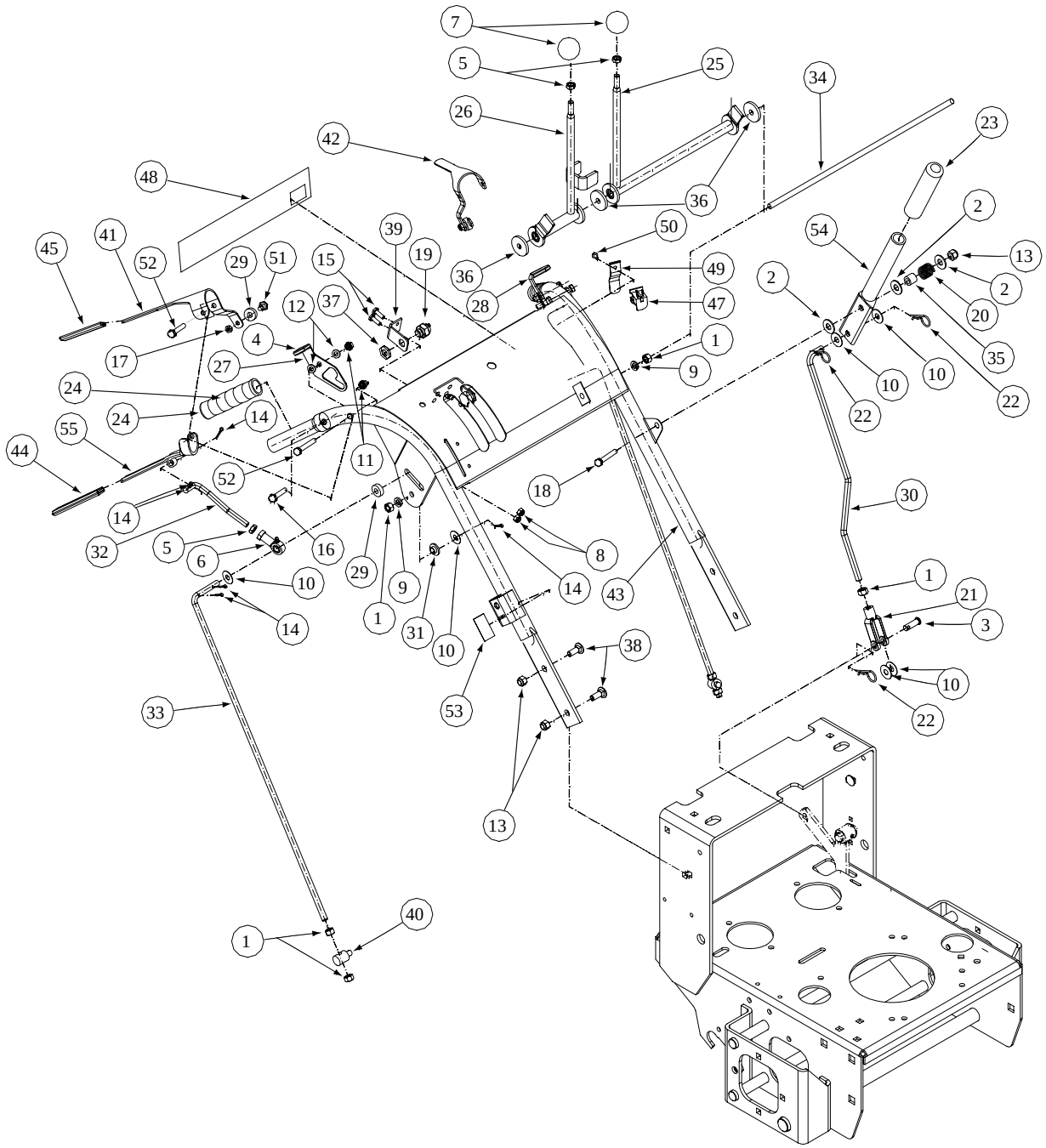
Wheel Assembly - Figure 14



Standard Wheel Assembly- Parts List for Figure 14

Ref. No.	Part No.	Description	Qty.
1	00012187	Lug Nut, 1/2-20	8
2	01002203	Wheel Assembly, 16 x 6.50-8 Oyster Gray	2

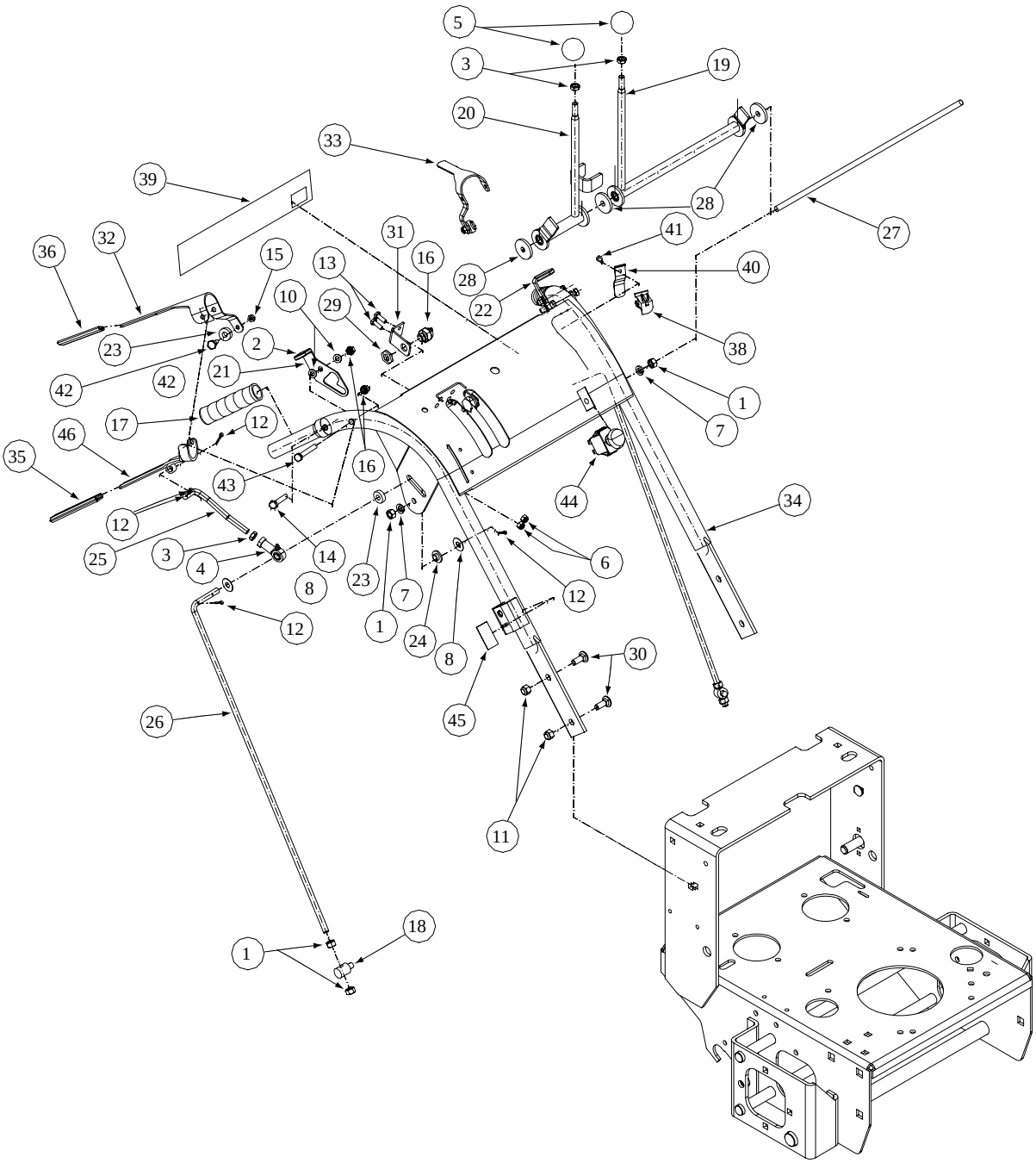
Standard Handle Assembly - Figure 15



Standard Handle Assembly- Parts List for Figure 15

Ref. No.	Part No.	Description	Qty.
1	00006131	Hex Nut, 3/8 - 16	7
2	00006168	Flat Washer, SS, 3/8	3
3	00009678	Clevis Pin, 3/8 x 1 1/8	1
4	00011211	Grip, 1.25, Black Neutral Lock	2
5	00011453	Hex Nut, Jam, 3/8-24	4
6	00012116	End Rod, 3/8	2
7	00012118	Knob, 1-3/8 x 1-19/64, 3/8-24	2
8	00012152	Lock Nut, Nylon Insert, 1/4-20	4
9	00012157	Lock Washer, 3/8 Zinc	2
10	00012158	Flat Washer, 3/8, SAE	8
11	00012165	Nut, 5/16-18	4
12	00012169	Flat Washer, SAE 5/16	4
13	00012173	Lock Nut, Nylon Insert, 3/8-16	5
14	00012562	Cotter Pin, 5/32 x 1-1/2 Zinc	8
15	00013131	HHCS, 1/4-20, .75	4
16	00013198	HHCS, Standard, 5/16-18 x 2	2
17	00014081	Lock Nut, Nylon Insert, 1/4 - 28	2
18	00014270	Carriage Bolt, 3/8 -16 x 2	1
19	00015903	Switch Operator's Presence	2
20	00021797	Spring, .850	1
21	00021955	Yoke, 3/8 - 16, Female	1
22	00021956	Hair Pin, 3/8 - 1/2	3
23	00022223	1" Grip, Black Handle	1
24	00030378	4-5/8" Grip, Black Plastic Handle	2
25	00069943	Control Assembly, Speed Hydro, LH	1
26	00069952	Control Assembly, Speed Hydro, RH	1
27	00071310	Latch, RH, Neutral Hydro	1
28	00071326	Latch, LH, Neutral Hydro	1
29	00071691	Hydro, Spacer Control Rod	4
30	00071879	Blade Clutch, Hydro Rod Base	1
31	00072892	Hydro Bush Control Rod	2
32	00072930	Control Rod, Short Hydro	2
33	00072937	Control Rod, Long Hydro	2
34	00073092	Hydro Rod, Speed Control	1
35	00076730	Sleeve Spring, 32/36/48	1
36	00077495	Friction Washer	3
37	00090995	Hex Nut, Dead Man Switch	2
38	01000643	Carriage Bolt, 3/8 -16 x 2	4
39	01001378	Mounting Switch, Neutral, Safety	2
40	01001579	Pivot, Belt Tightener	2
41	01001699	Operator Presence Control Handle, RH	1
42	01001700	Operator Presence Control Handle, LH	1
43	01001706	Hydro, Handle Assembly	1
44	01001714	Control Sleeve, Drive Black	2
45	01001715	Operators Control Sleeve, Yellow	2
46	01001716	Harness Adapter Assembly	1
47	01001717	Snap Mounting Switch	2
48	01001718	Handle Label	1
49	01001863	Retension Spring	2
50	01001864	Screw, TT, 10-24, .5	2
51	01001919	Shoulder Screw, .38 x .412, 1/4-28	2
52	01001972	HHCS, 5/16-18, 2.00	3
53	01002171	Parking Brake Decal	1
54	01003210	Blade Clutch Lever	1
55	01001561	Lever Assembly Control	2

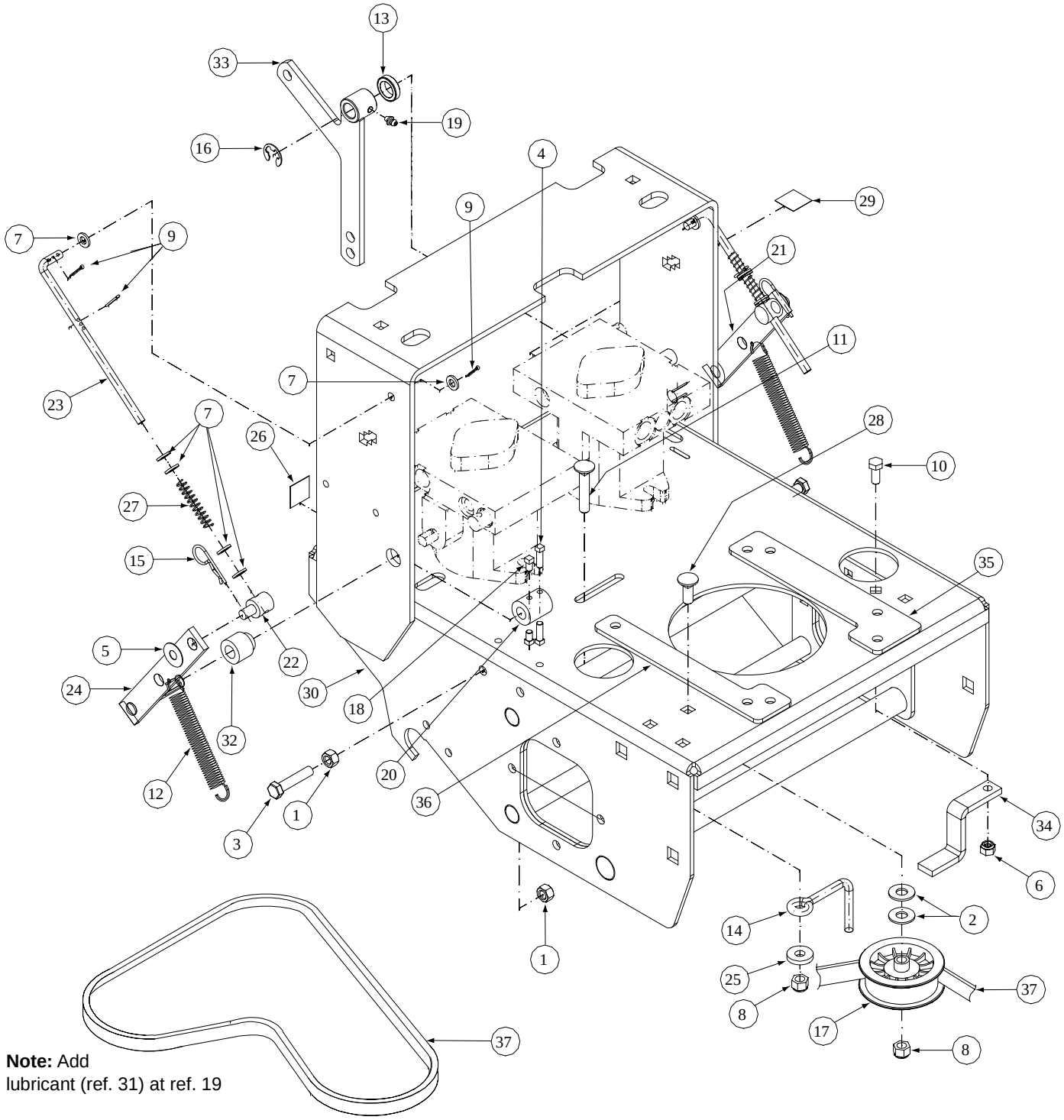
Standard Handle Assembly WT- Figure 16



Standard Handle Assembly WT - Parts List for Figure 16

Ref. No.	Part No.	Description	Qty.
1	00006131	Hex Nut, 3/8-16	6
2	00011211	Grip, Neutral Latch, 1.25", Black	2
3	00011453	Hex Nut, Jam 3/8-24	4
4	00012116	End Rod, 3/8 Female	2
5	00012118	Knob, 1-3/8 x 1-19/64, 3/8-24	2
6	00012152	Lock Nut, Nylon Insert, 1/4-20	4
7	00012157	Lock Washer, 3/8	2
8	00012158	Flat Washer, 3/8	4
9	00012165	Nut, 5/16-18	4
10	00012169	Flat Washer, 5/16	4
11	00012173	Lock Nut, Nylon Insert, 3/8-16	4
12	00012562	Cotter Pin, 3/32 x 1/2	8
13	00013131	HHCS, 1/4-20, .75	4
14	00013198	HHCS, Standard, 5/16 -18 x 2	2
15	00014081	Lock Nut, SS, Nylon Insert, 1/4-28	2
16	00015903	Operator Presence Switch	2
17	00030378	Grip, 4-5/8, Black, Plastic Handle	2
18	00036582	Pivot Belt Tightener	2
19	00069943	Control Assembly, Speed, Hydro LH	1
20	00069952	Control Assembly, Speed, Hydro RH	1
21	00071310	Latch, RH Neutral Hydro	1
22	00071326	Latch, LH Neutral Hydro	1
23	00071691	Hydro Spacer Control Rod	4
24	00072892	Hydro Bushing Control Rod	2
25	00072930	Control Rod Short Hydro	2
26	00072937	Control Rod Long Hydro	2
27	00073092	Hydro Rod Speed Control	1
28	00077495	Friction Washer	3
29	00090995	Hex Nut, Dead Man Switch	2
30	01000643	Carriage Bolt, 3/8-16 x 2	4
31	01001378	Neutral Safety Mounting Switch	2
32	01001699	Operator's Presence Control, RH	1
33	01001700	Operator's Presence Control, LH	1
34	01001709	Hydro Handle Assembly	1
35	01001714	Control Sleeve, Black	2
36	01001715	Operator's Presence Sleeve, Yellow	2
37	01001716	Harness Assembly Adapter	1
38	01001717	Snap Mounting Switch	2
39	01001718	Label Handle	1
40	01001863	Retension Spring	2
41	01001864	Screw, TT, 10-24, .500, HXINDWSH	2
42	01001919	Shoulder Screw, .38 x .412, 1/4-28	2
43	01001972	HHCS, 5/16-18, 2.00	2
44	01002111	Switch, Electric PTO	1
45	01002171	Decal, Parking Brake	1
46	01001561	Control Lever Assembly	2

Standard Engine Deck Assembly Hydro - Figure 17

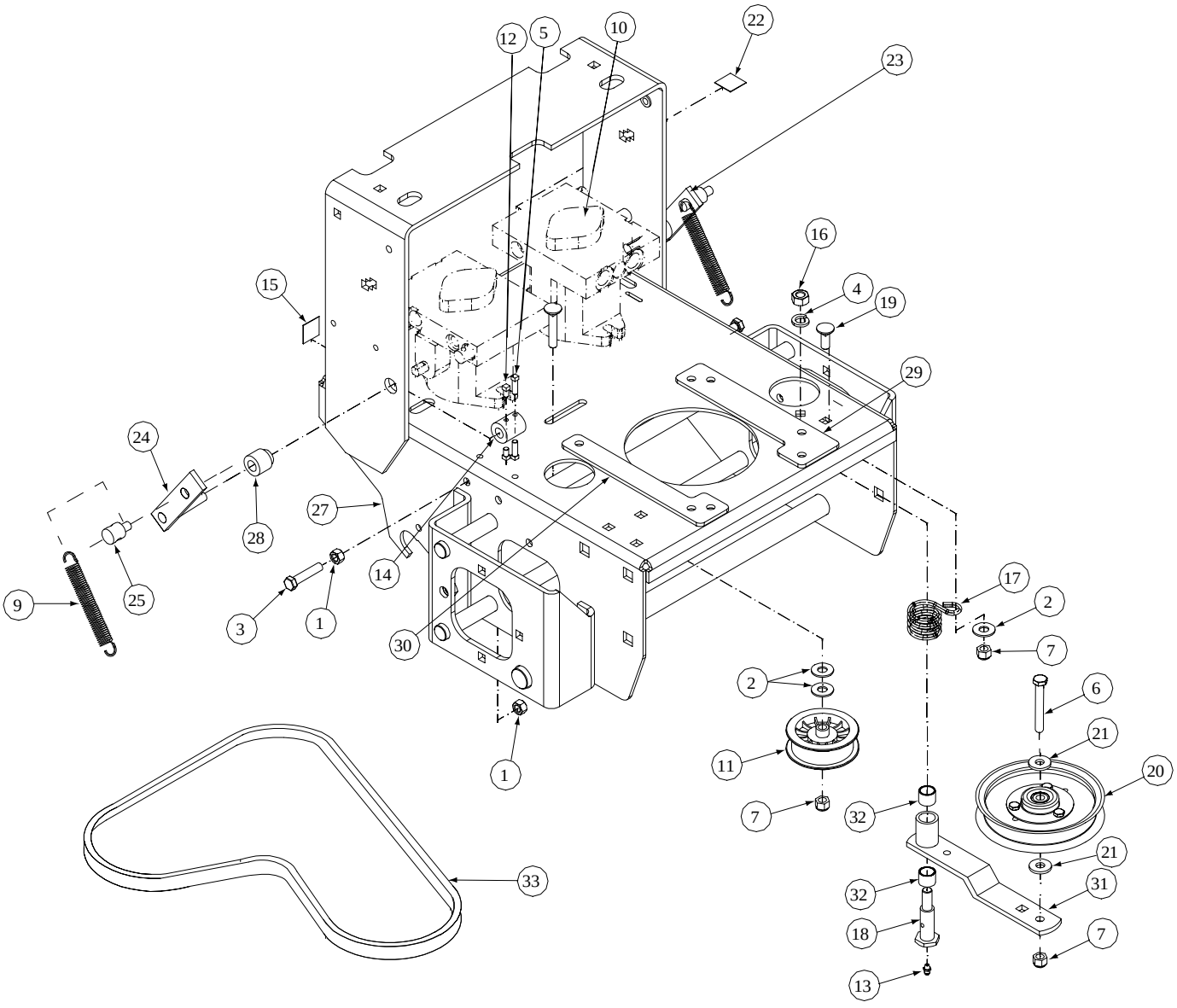


Note: Add lubricant (ref. 31) at ref. 19

Standard Engine Deck Assembly Hydro - Parts List for Figure 17

Ref. No.	Part No.	Description	Qty.
1	00006131	Nut, Hex, 3/8-16 Grade C	4
2	00006168	Flat Washer, USS 3/8 Zinc	2
3	00008495	Cap Screw, 3/8-16 x 1-3/4" Grade 5	2
4	00011448	Cap Screw, Square Head Set, 1/4-20	4
5	00012158	Flat Washer, 3/8, SAE, Zinc/Yellow	2
6	00012165	Nut, 5/16-18, Nylock	1
7	00012169	Flat Washer, SAE Grade 8 5/16, Zinc	12
8	00012173	Nut, L, Nylon Insert, 3/8-16 Grade A	2
9	00012204	Cotter Pin 3/32 x 3/4, Zinc	6
10	00013092	Cap Screw,Standard, 5/16-18 x 1.0, Grade 5	1
11	00014270	Carriage Bolt, 3/8-16 x 2 Grade 5	1
12	00020816	Spring, Music Wire, LE-093G-9, Plated	2
13	00021924	Spacer, Blade Nom, 5/8 ID 1/4 Thick	1
14	00021931	Guide, Traction Drive Belt	1
15	00021956	Pin, Hair 3/8"-1/2"	2
16	00021962	E-Ring, 5/8" #5113-62	1
17	00030782	Pulley, Flat Idler W/Adaptor	1
18	00034961	Screw, Cap, Square Head Set, 1/4-20	4
19	00060078	Grease Fitting, 1/4-28 x 3/16 STR	1
20	00070873	Coupling, Trunnion	2
21	00072046	Hydraulic Pump, Lever Assembly, Left Handle	1
22	00072274	Hydraulic, Pivot	2
23	00072627	Rod, Safety Spring	2
24	00072818	Hydraulic Pump, Lever Assembly, Right Hand	1
25	00083192	Washer, Idler	1
26	00090006	Decal, “Made In America”	1
27	00096275	Spring	2
28	01000643	Carriage Bolt, 3/8-16 x 2 Grade 5	1
29	01001035	Label, Mower, Warn, Open Belt Drive	1
30	01002025	Engine Base Assembly, Hydro	1
31	01002014	Lubricant, Grease, By Ounce	1
32	01002669	Bushing, Pump Lever,	2
33	00021902	Bellcrank Clutch	1
34	00076402	Belt Guide, Engine, 36/42/48	1
35	01003197	Spacer, Engine, Left Hand	1
36	01003198	Spacer, Engine, Right Hand	1
37	00023887	Belt	1

Engine Deck Assembly WT - Figure 18

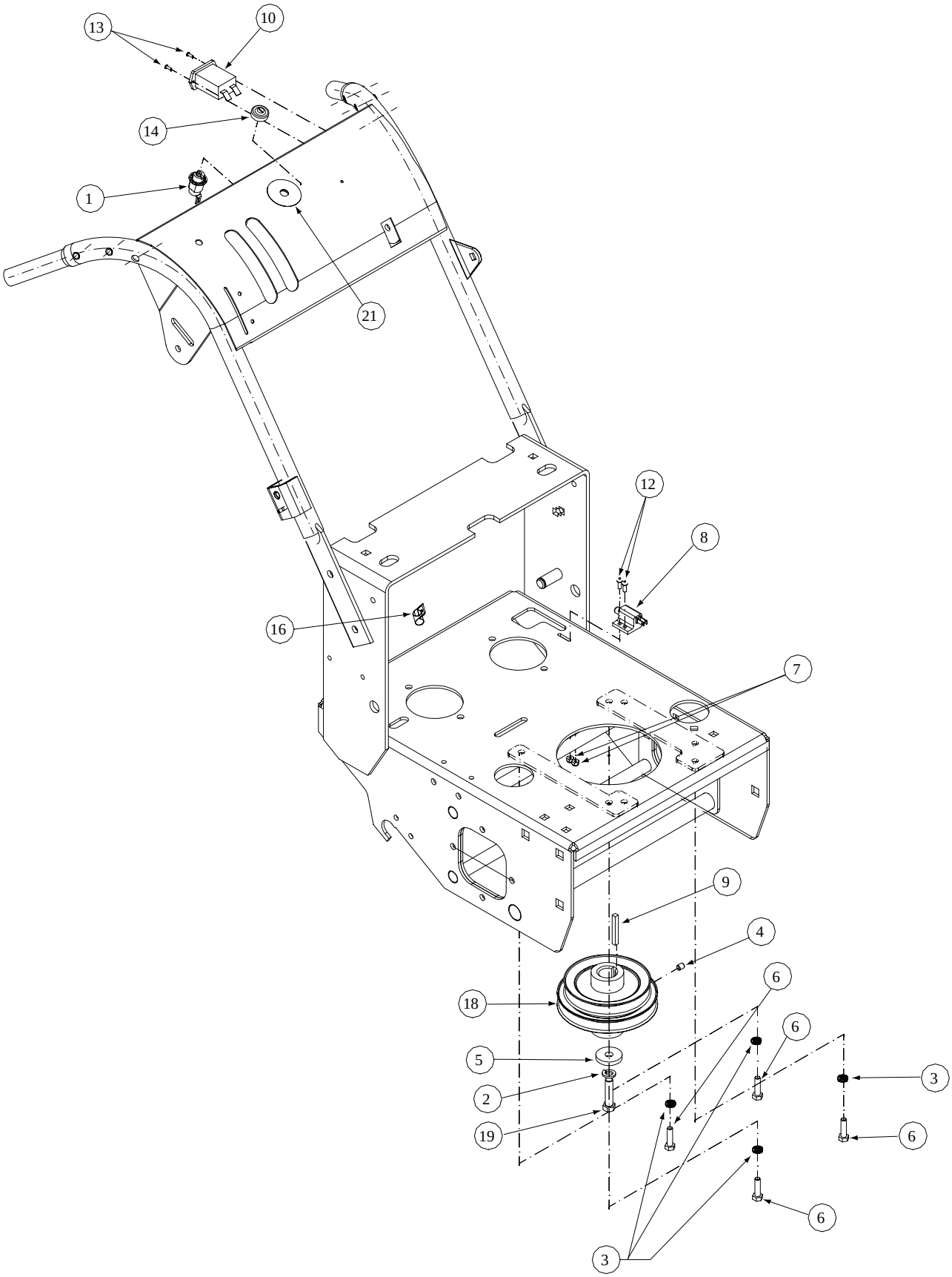


Engine Deck Assembly WT - Parts List for Figure 18

Ref. No.	Part No.	Description	Qty.
1	00006131	Nut, Hex, 3/8-16	4
2	00006168	Flat Washer, USS 3/8	3
3	00008495	Cap Screw, 3/8-16 x 1-3/4"	2
4	00009920	Wash, Lock, 7/16, Zinc	1
5	00011448	Screw, CP, Square Head Set, 1/4-20	4
6	00011861	HHCS, 3/8-16, 1	1
7	00012158	Nylon Insert, Lock Nut 3/8-16	3
8	00012169	Carriage Bolt 3/8-16 x 2	1
9	00012173	Wire Spring	2
10	00012204	Hydro Pump	2
11	00014270	Flat Idler Pulley with Adapter	1
12	00020816	Cap Screw, Square Head Set, 1/4-20	4
13	00021956	Grease Fitting, 1/4-28 x 3/16	1
14	00024090	Coupling, Trunnion	2
15	00030782	Decal, Made In America	1
16	00034961	Nut, Hex, 7/16-14	1
17	00060078	Spring Idler Torsion	1
18	00070873	Shoulder Bolt	1
19	00072046	Carriage Bolt, 3/8-16 x 2	1
20	00072274	Pulley Assembly, Idler, 5.00"	1
21	00072627	Flat Washer, .406 ID: 1.0 OD: .105	2
22	00072818	Label, Mower, Warn, Open Belt Drive	1
23	00090006	Hydro Pump Lever Assembly, LH	1
24	00096275	Hydro Pump Lever Assembly, RH	1
25	01000379	Pivot, Belt Tightener	2
26	01000387	Lubricant, Grease by Ounce	1
27	01000505	Engine Base Assembly, Hydro WT	1
28	01000507	Bushing Lever Pump	2
29	01000643	Spacer Engine, RH	1
30	01000690	Spacer Engine, LH	1
31	01000723	Idler Arm with bearings	1
32	01000308	Bearing sleeves	2
33	00023887	Belt	1

Note: Ref. 11, Belt; Ref. 15, Engine; Ref. 17, Harness and Ref. 20, Engine Oil are not shown.

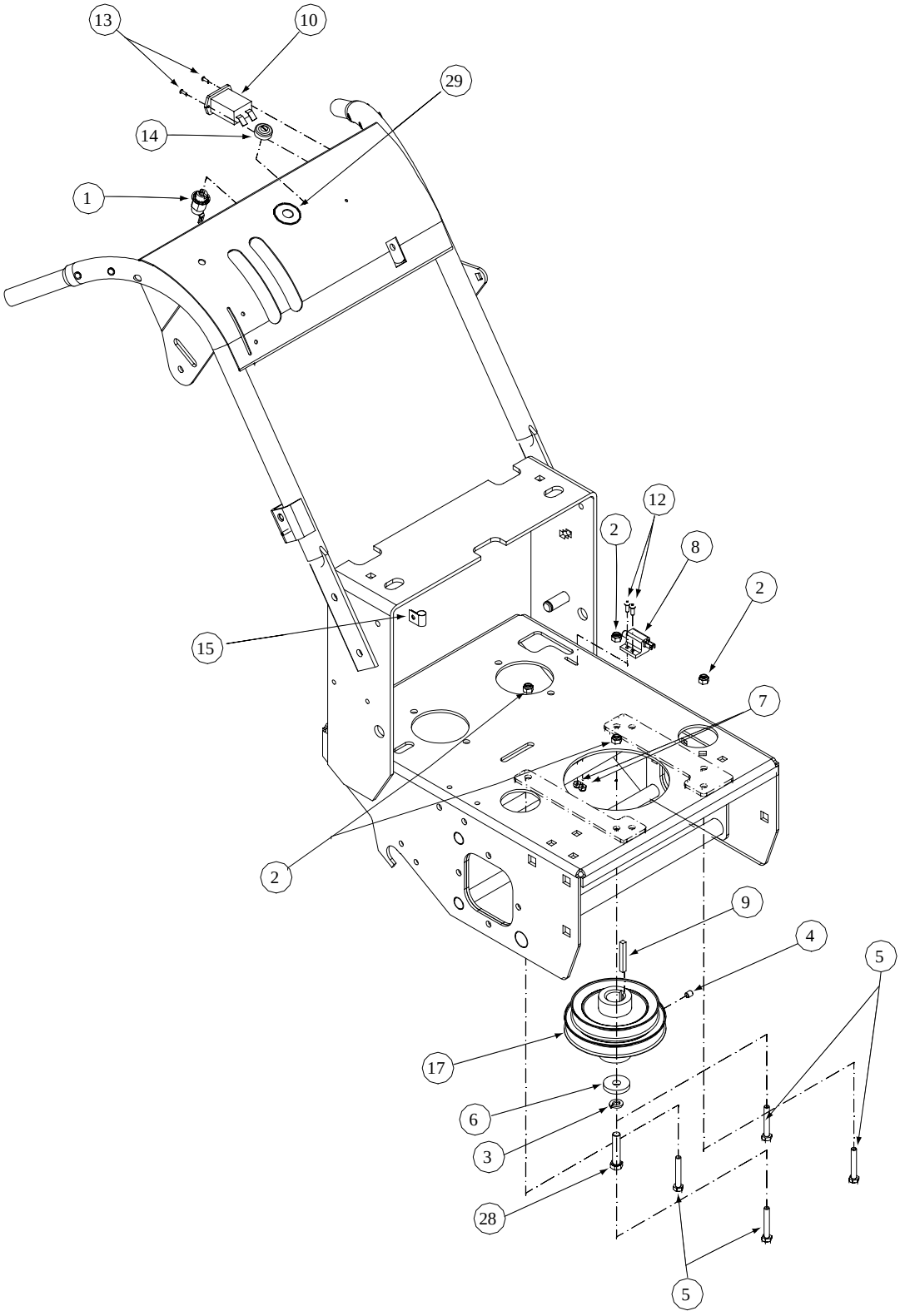
14HP Kawasaki Engine Assembly - Figure 19



14HP Kawasaki Engine Assembly- Parts List for Figure 19

Ref. No.	Part No.	Description	Qty.
1	00010943	On/Off Ignition Switch	1
2	00012062	Lock Washer, M10	1
3	00012168	Lock Washer, 5/16	4
4	00012492	Nylock Screw, 5/16-18 x 3/8	1
5	00013675	Clutch Washer	1
6	00014542	Capscrew, M8-1.25 x 30	4
7	00014608	Lock Nut, Nylon Insert, #10-32	2
8	00018324	Delta Switch	1
9	00021517	Key Stock, 1/4 x 1/4 x 2	1
10	00023709	Meter, Hour	1
11	00023887	Belt, Hydro Pump	1
12	00030906	Phil. He. Mach. Screw #10-32 x 5/8	2
13	00031635	Rivet	2
14	00032097	Nut w/Cap, 5/8-32 Ignition	1
15	00035048	Kawasaki 14 HP Engine	1
16	00060807	Support Clamp, 3/8 OD	1
17	00062980	Harness Wire	1
18	01000163	Double Pulley	1
19	01000905	Capscrew, M10-1.5 x 50mm	1
20	01001077	Engine Oil, 10W40 by Ounce	44
21	01002006	Decal, Pull Start Overlay not shown	1

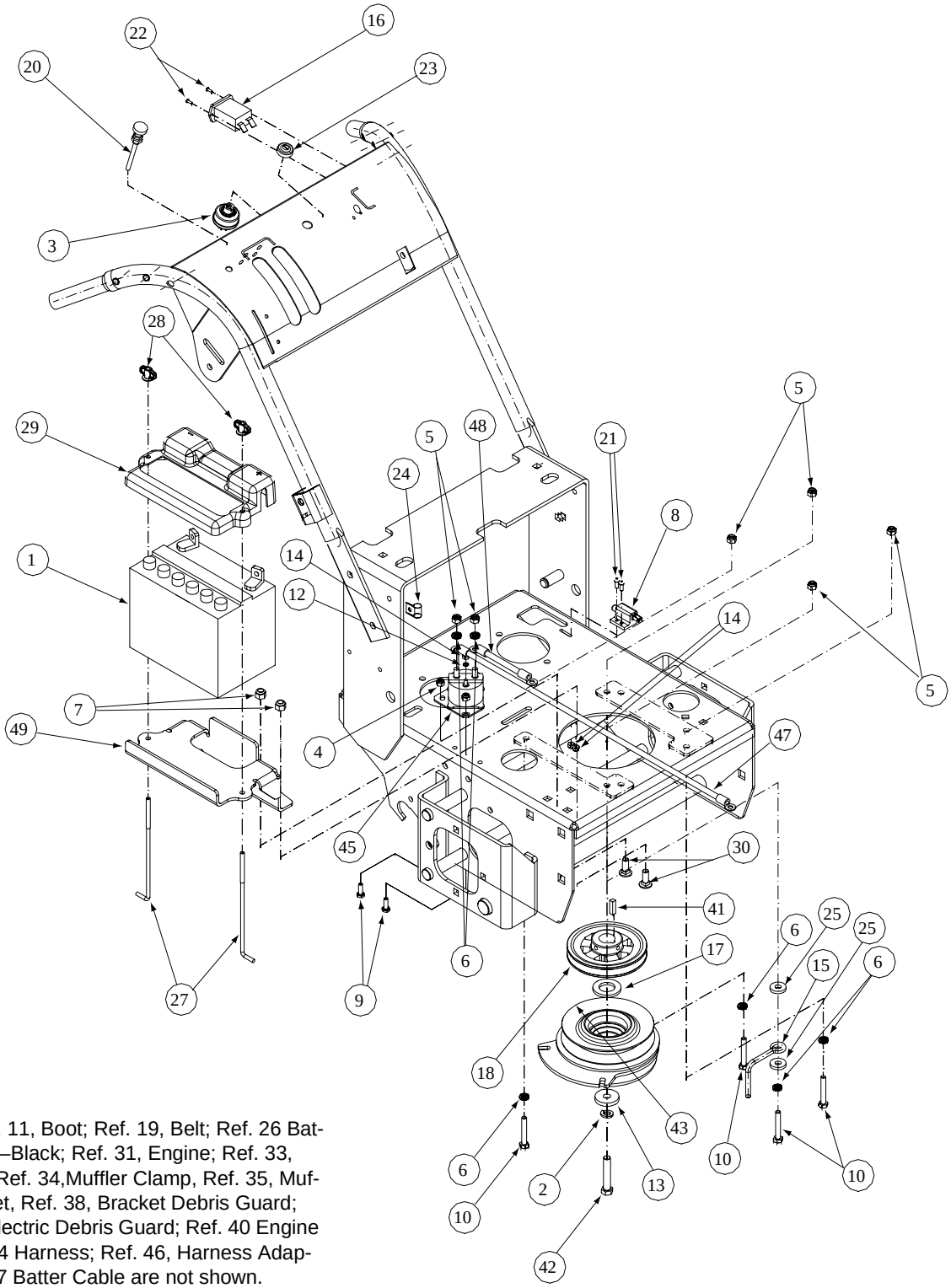
16HP Hydro Vanguard Engine Deck Assembly- Figure 20



16HP Hydro Vanguard Engine Deck Assy - Parts List for Figure 20

Ref. No.	Part No.	Description	Qty.
1	00010943	Ignition Switch ON/OFF	1
2	00012165	Nut, Nylock 5/16-18	4
3	00012195	Lock Washer, 7/16	1
4	00012492	Nylock Screw, 5/16-18 x 3/8	1
5	00013198	HHCS, 5/16-18 x 3/8	4
6	00013675	Clutch Washer	1
7	00014608	Nut, Lock Nylon, 10-32	2
8	00018324	Delta Switch	1
9	00021517	Key Stick, 1/4 x 1/4 x 2	1
10	00023709	Meter	1
11	00023887	Belt Hydro Pump (not shown)	1
12	00030906	Screw 10-32 x 5/8	2
13	00031635	Rivet	2
14	00032097	Nut w/Cap, 5/8-32 Ignition	1
15	00060807	Support Clamp 3/8	1
16	00062980	Harness Wire, Pull Start (not shown)	1
17	01000163	Double Pulley	1
18	01000947	Engine, Vanguard Verticle (not shown)	1
19	01000981	Capscrew w/Lockwasher, M* x 1.25 x 2 (not shown)	2
20	01000982	Manifold (not shown)	1
21	01000983	Muffler Clamp (not shown)	1
22	01000984	Muffler Bracket Assembly (not shown)	1
23	01001041	Debris Guard (not shown)	1
24	01001042	Screw, M6 x 1.0 x 12mm (not shown)	4
25	01001043	Flange Hex Screw, M5 x 1.0 x 8mm (not shown)	4
26	01001044	Debris Guard Bracket (not shown)	4
27	01001077	Engine Oil, 10w40, By Ounce (not shown)	48
28	01001082	Capscrew, 7/16-20 x 2"	1
29	01002230	Harness Assembly, Adaptor (not shown)	1

18HP Vanguard Engine Deck Assembly, WT - Figure 21

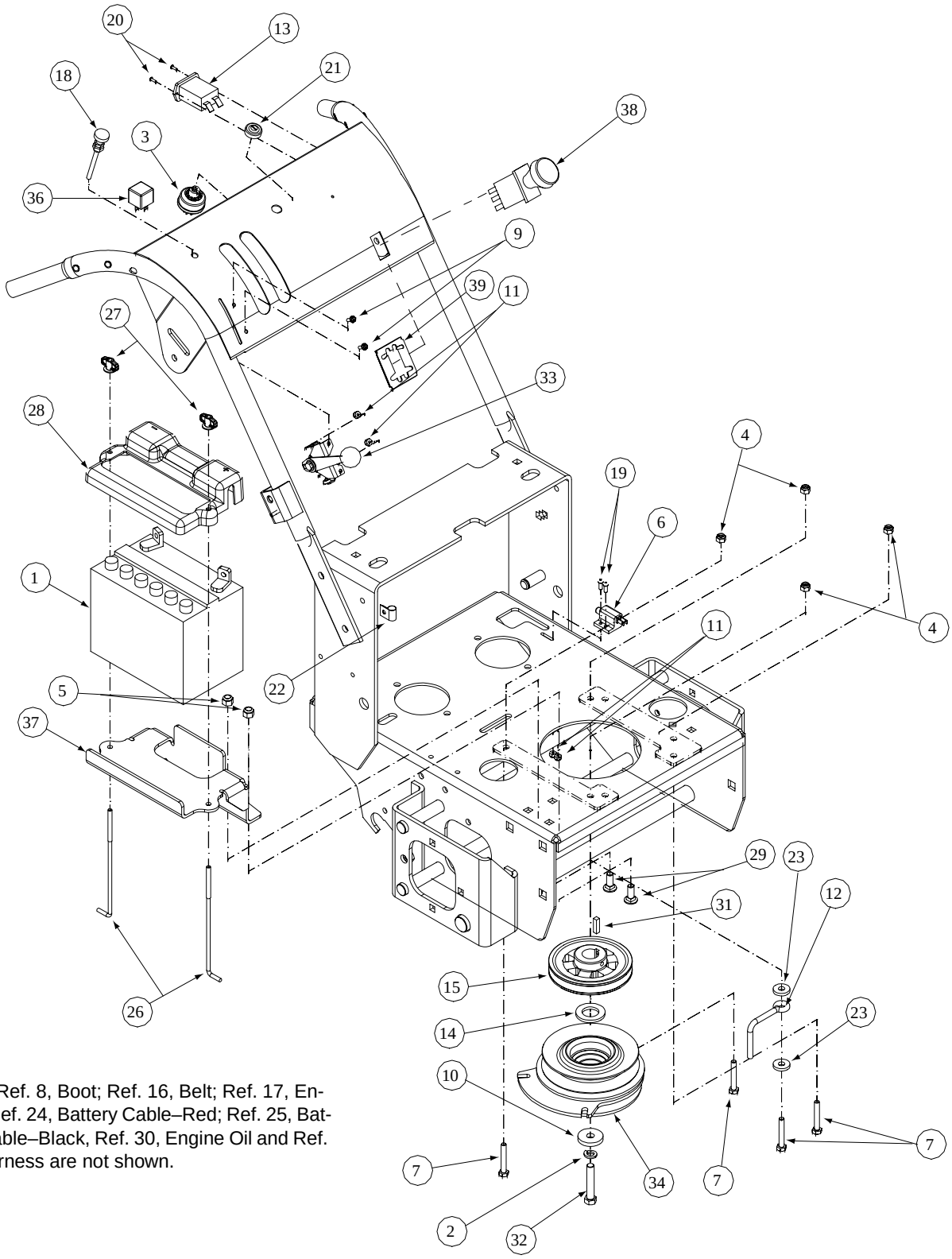


Note: Ref. 11, Boot; Ref. 19, Belt; Ref. 26 Battery Cable–Black; Ref. 31, Engine; Ref. 33, Manifold, Ref. 34,Muffler Clamp, Ref. 35, Muffler Bracket, Ref. 38, Bracket Debris Guard; Ref. 39, Electric Debris Guard; Ref. 40 Engine Oil; Ref. 44 Harness; Ref. 46, Harness Adaptor; Ref. 47 Batter Cable are not shown.

18HP Vanguard Engine Deck Ass'y WT - Parts List for Figure 21

Ref. No.	Part No.	Description	Qty.
1	00012032	Battery, 12V, 225CCA	1
2	00012062	Lock Washer M10	1
3	00012120	Ignition Switch	1
4	00012165	Lock Nut, Nylon Insert, 1/4-20	2
5	00012165	Nut, 5/16-18, Nylock	6
6	00012168	Lock Washer, 5/16	6
7	00012173	Lock Nut, Nylon Insert, 3/8-16	2
8	00012242	Switch, Delta	1
9	00013131	Cap Screw, 1/4-20 x .75	2
10	00013198	Cap Screw, 5/16-18 x 2	4
11	00013528	Boot, 1" OD Rubber, Battery Post Red	1
12	00013671	Lock Washer, #10	1
13	00013675	Washer Clutch	1
14	00014608	Lock Nut, Nylon Insert, #10-32	3
15	00021931	Guide, Track Drive Belt	1
16	00023709	Hour Meter	1
17	00023822	Washer, Special	1
18	00023886	Sheave 1" Bore w/2 Set Screws	1
19	00023887	Belt, Hydro Pump	1
20	00030466	Choke Cable	1
21	00030906	Phil. Hd. Mach. Screw, #10-32 x 5/8	2
22	00031635	Rivet	2
23	00032097	Nut, w/Cap, 5/8-32 Ignition	1
24	00060807	Support Clamp 3/8 OD	1
25	00083192	Washer, Idler	2
26	00095784	Battery Cable, 10-1/4", Black	1
27	01000202	Hold Down Rod, Battery	2
28	01000203	Wing Nut, 1/4-20 w/Bell Washer	2
29	01000204	Battery Cover, Large	1
30	01000643	Carriage Bolt, 3/8-16 x 2	2
31	01000948	Engine, 18hp Verticle	1
32	01000981	Capscrew, w/Lockwasher (not shown)	2
33	01000982	Manifold	1
34	01000983	Muffler Clamp Assembly	1
35	01000984	Bracket, Muffler	1
36	01001042	Screw, M6 x 1.0 x 12mm (not shown)	4
37	01001043	Screw, Hex Flange, M5 x 1.0 x 8mm (not shown)	4
38	01001044	Bracket Debris Guard	4
39	01001045	Electric Debris Guard	1
40	01001077	Engine Oil, 10W40, By Ounce	61
41	01001393	Key, 1/4 x 1/4 x 1	1
42	01001394	Capscrew, M10-1.5 x 60 mm	1
43	01002108	Brake Clutch	1
44	01002142	Harness	1
45	01002228	Solenoid Magnetic Switch	1
46	01002231	Harness Adapter Assembly	1
47	01002252	Battery Cable, Red 24"	1
48	01002253	Battery Cable, Red 5"	1
49	01002664	Battery Bracket	1

20HP V-Twin Kohler Engine Deck Assembly WT - Figure 22

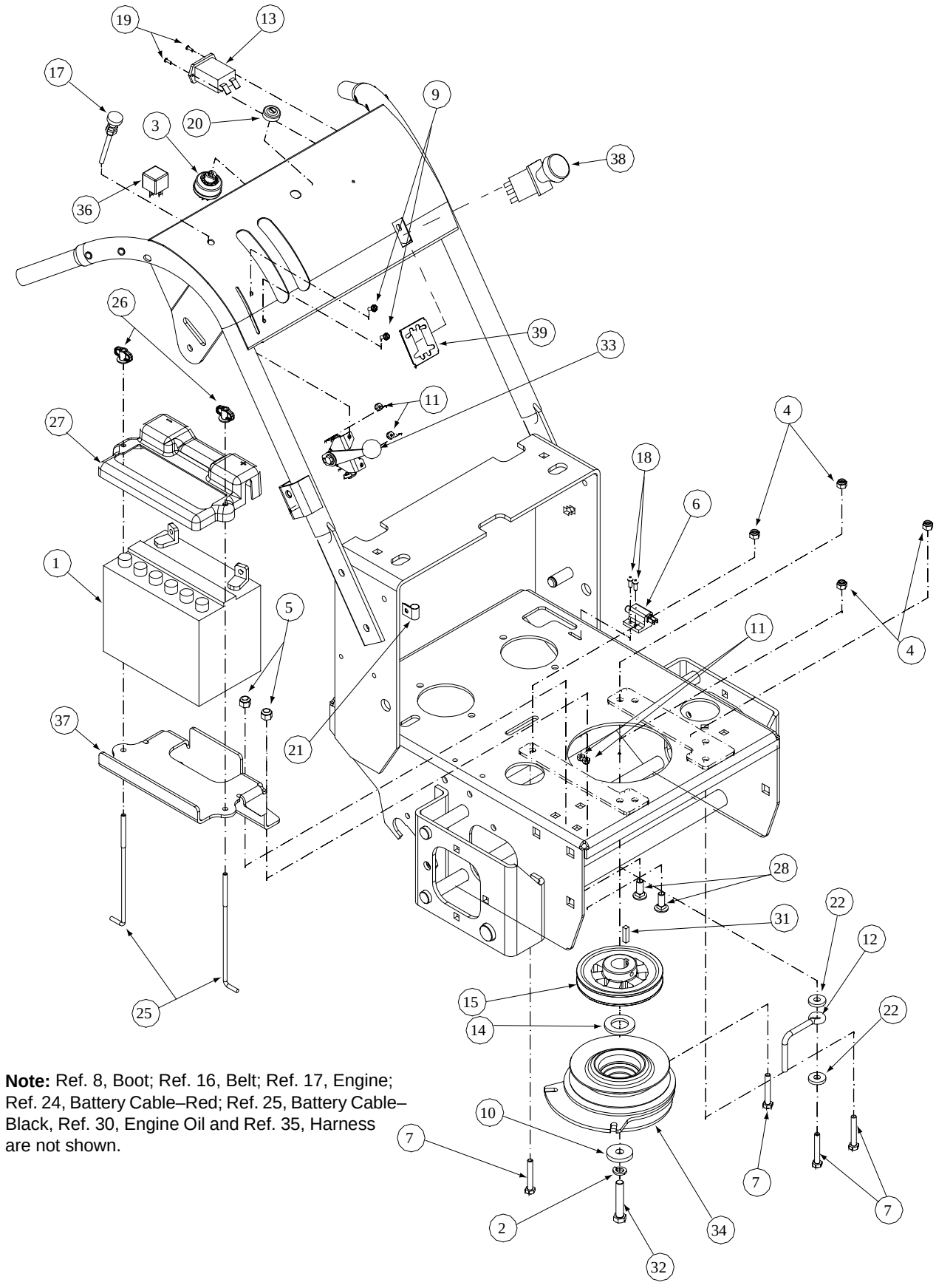


Note: Ref. 8, Boot; Ref. 16, Belt; Ref. 17, Engine; Ref. 24, Battery Cable–Red; Ref. 25, Battery Cable–Black, Ref. 30, Engine Oil and Ref. 35, Harness are not shown.

20HP V-Twin Kohler Engine Deck Assembly WT - Parts List for Figure 22

Ref. No.	Part No.	Description	Qty.
1	00012032	Battery, 12V	1
2	00012062	Lock Washer M10	1
3	00012120	Ignition Switch	1
4	00012165	Nut, 5/16-18, Nylock	4
5	00012173	Lock Nut, Nylon Insert, 3/8-16	2
6	00012242	Switch, Delta	1
7	00013198	Cap Screw, 5/16-18 x 2	4
8	00013528	Boot, 1" OD Rubber, Battery Post Red	1
9	00013669	Screw, Hex Washer w/Slot, #10-32 x 1/2	2
10	00013675	Washer Clutch	1
11	00014608	Lock Nut, Nylon Insert, #10-32	4
12	00021931	Guide, Traction Drive Belt	1
13	00023709	Hour Meter	1
14	00023822	Washer, Special	1
15	00023886	Sheave 1" Bore w/2 Set Screws	1
16	00023887	Belt, Hydro Pump	1
17	00027220	Engine, Kohler, 20 HP Vertical	1
18	00030466	Cable, Choke	1
19	00030906	Phil. Hd. Mach. Screw, #10-32 x 5/8	2
20	00031635	Rivet	2
21	00032097	Nut, w/Cap, 5/8-32 Ignition	1
22	00060807	Support Clamp, 3/8 OD	1
23	00083192	Washer, Idler	2
24	00095773	Battery Cable, 15", Red	1
25	00095784	Battery Cable, 10-1/4", Black	1
26	01000202	Hold Down Rod, Battery	2
27	01000203	Wing Nut, 1/4-20 w/Bell Wash	2
28	01000204	Battery Cover Large	1
29	01000643	Carriage Bolt, 3/8-16 x 2	2
30	01001077	Engine Oil, 10W40, By Ounce	54
31	01001393	Key, 1/4 x 1/4 x 1	1
32	01001394	Capscrew, M10-1.5 x 60 mm	1
33	01001439	Control Throttle, w/Detent 47.25	1
34	01002108	Brake Clutch	1
35	01002118	Harness Assembly	1
36	01002251	Relay	1
37	01002665	Battery Bracket	1

22HP V-Twin Kohler Engine Deck Assembly WT - Figure 23

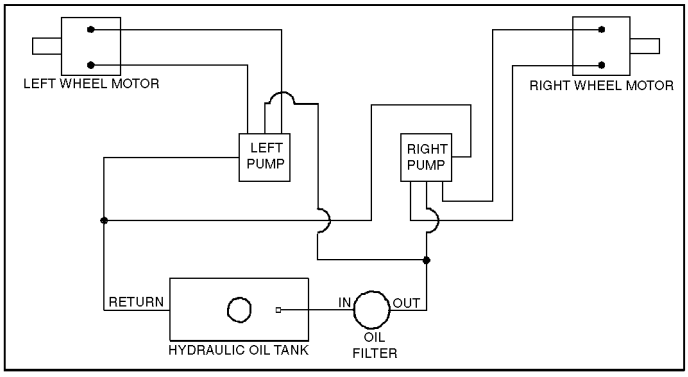


Note: Ref. 8, Boot; Ref. 16, Belt; Ref. 17, Engine; Ref. 24, Battery Cable–Red; Ref. 25, Battery Cable–Black, Ref. 30, Engine Oil and Ref. 35, Harness are not shown.

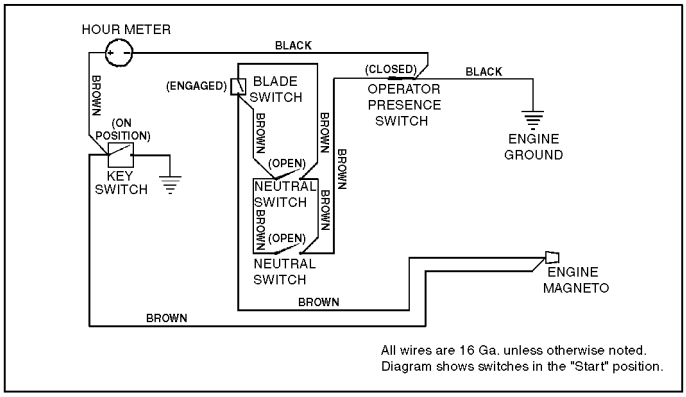
22HP V-Twin Kohler Engine Deck Assembly WT - Parts List for Figure 23

Ref. No.	Part No.	Description	Qty.
1	00012032	Battery, 12V	1
2	00012062	Lock Washer M10	1
3	00012120	Ignition Switch	1
4	00012165	Nut, 5/16-18, Nylock	4
5	00012173	Lock Nut, Nylon Insert, 3/8-16	2
6	00012242	Switch, Delta	1
7	00013198	Cap Screw, 5/16-18 x 2	4
8	00013528	Boot, 1" OD Rubber, Battery Post Red	1
9	00013669	Screw, Hex Washer w/Slot, #10-32 x 1/2	2
10	00013675	Washer Clutch	1
11	00014608	Lock Nut, Nylon Insert, #10-32	4
12	00021931	Guide, Traction Drive Belt	1
13	00023709	Hour Meter	1
14	00023822	Washer, Special	1
15	00023886	Sheave 1" Bore w/2 Set Screws	1
16	00023887	Belt, Hydro Pump	1
17	00030466	Cable Choke	1
18	00030906	Phil. Hd. Mach. Screw, #10-32 x 5/8	2
19	00031635	Rivet	2
20	00032097	Nut, w/Cap, 5/8-32 Ignition	1
21	00060807	Support Clamp, 3/8 OD	1
22	00083192	Washer, Idler	2
23	00095773	Battery Cable, 15", Red	1
24	00095784	Battery Cable, 10-1/4", Black	1
25	01000202	Hold Down Rod, Battery	2
26	01000203	Wing Nut, 1/4-20 w/Bell Wash	2
27	01000204	Battery Cover Large	1
28	01000643	Carriage Bolt, 3/8-16 x 2	2
29	01000995	Engine, Kohler, 22 HP Vertical	1
30	01001077	Engine Oil, 10W40, By Ounce	54
31	01001393	Key, 1/4 x 1/4 x 1	1
32	01001394	Capscrew, M10-1.5 x 60 mm	1
33	01001439	Control Throttle, w/Detent 47.25	1
34	01002108	Brake Clutch	1
35	01002118	Harness Assembly	1
36	01002251	Relay	1
37	01002664	Battery Bracket	1

Hydraulic Diagram - Figure 24

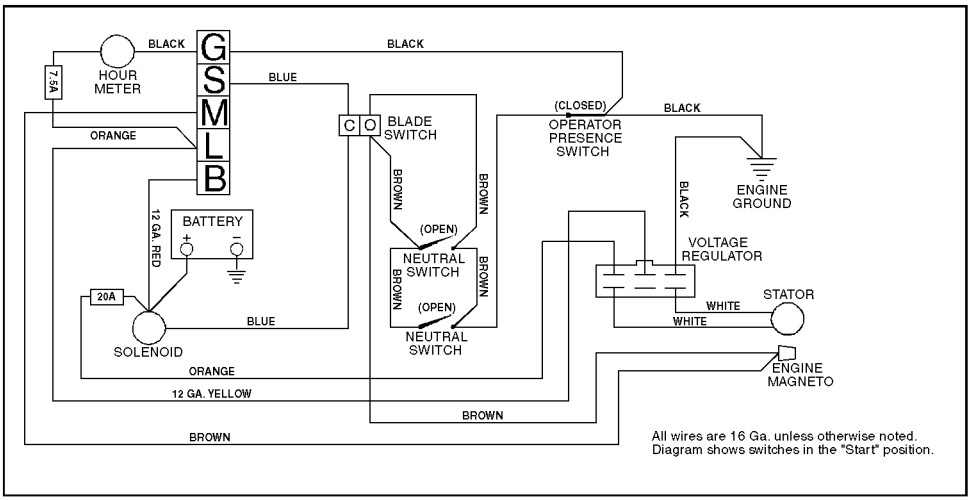


14HPElectrical Diagram - Figure 25



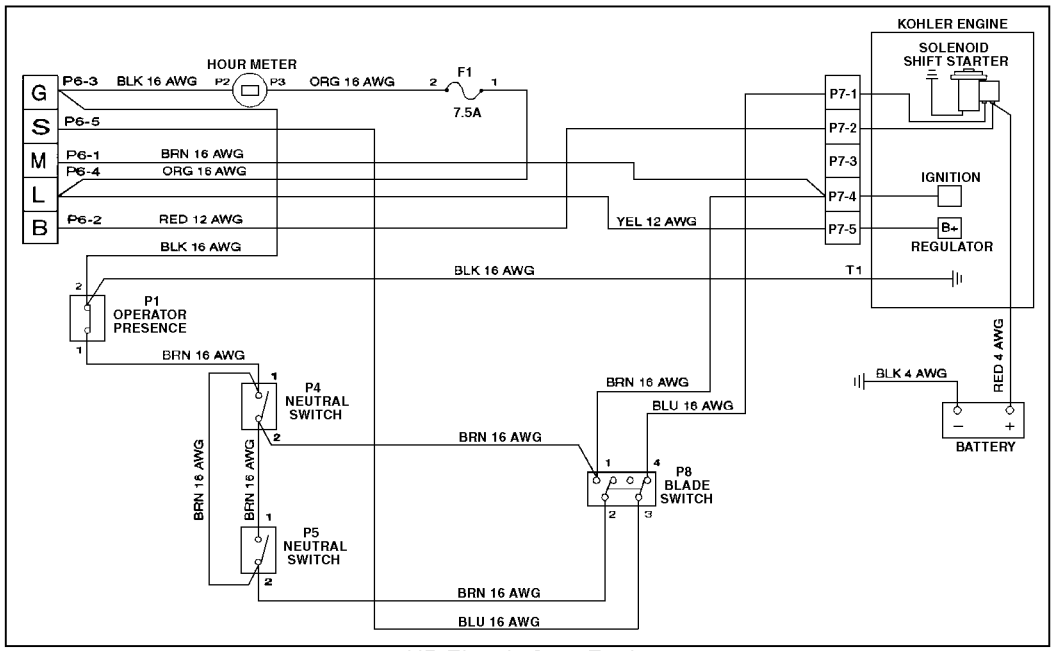
14 HP Recoil Start Engine

16 HP Electrical Diagram - Figure 26



16 HP Electric Start Engine

20 HP Electrical Diagram - Figure 27



20 HP Electric Start Engine