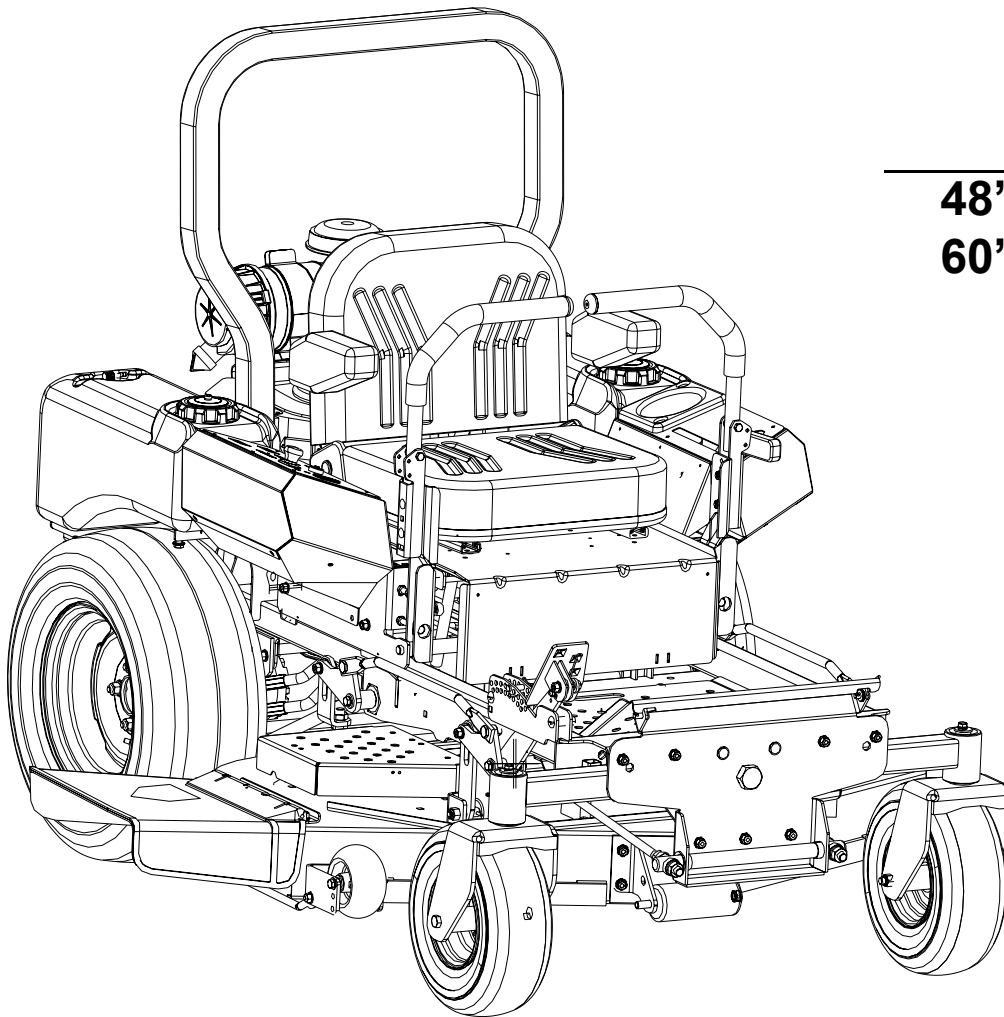




Hydrostatic Zero-Turn Commercial Riding Mower

Professional Turf Equipment



Tank Recon

48" Fabricated Deck
60" Fabricated Deck

ILLUSTRATED PARTS LIST

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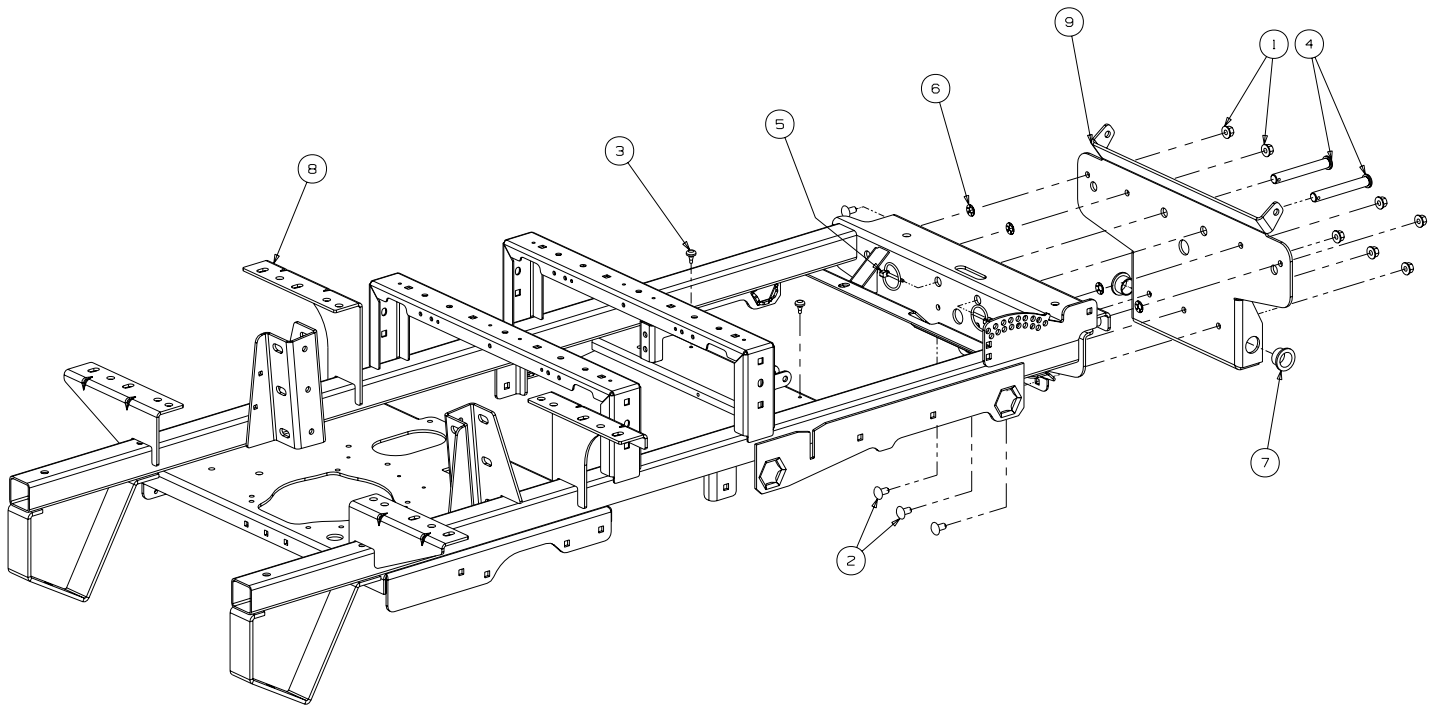
Frame Assembly	3
48" Fabricated Cutter Deck.	4 and 5
48" Spindle Assembly	6 and 7
60" Fabricated Cutter Deck.	8 and 9
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MODELS LISTED IN THIS MANUAL

**23HP 48" Tank Recon,
53AH8ST3050**

**25HP 60" Tank Recon,
53AH8ST5050**

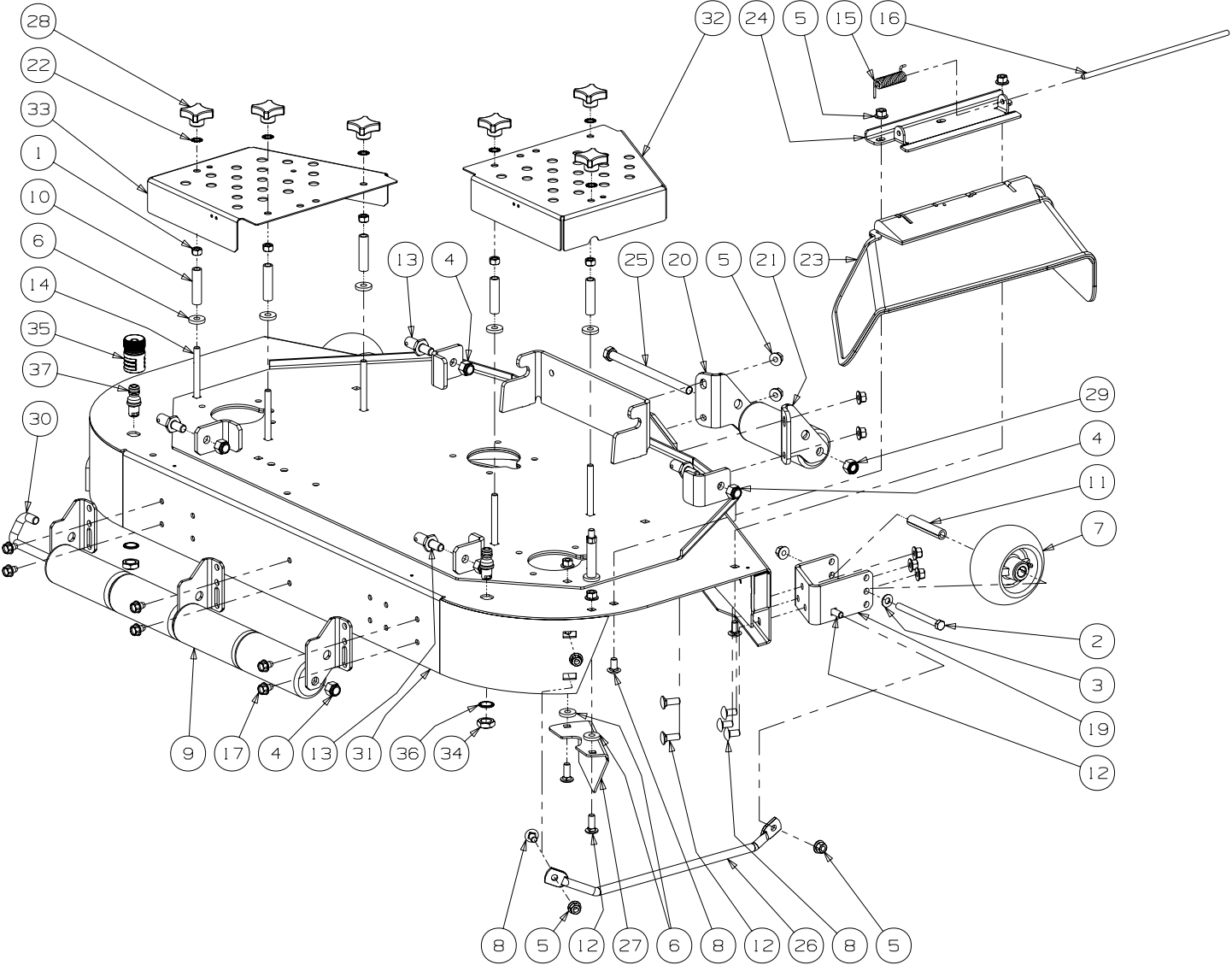
Frame Assembly- Figure 1 and Parts List



GD: 02004252-01/04/08

Ref. No.	Part No.	Description	Qty.
1	00022560	Hex Nut, 3/8-16 Flange Lock	7
2	01000372	Carriage Bolt, 3/8-16 x .75 Long	7
3	01001170	Rubber Bumper, .62 OD x .22 Thick	2
4	01003282	Clevis Pin, .625 Dia x 4.375 Long	2
5	01003993	Linch Pin, 3/16 Dia.	2
6	01008225	Push Retainer, 3/8	4
7	02002628	Bronze Bushing, .875 ID x 1.50 OD	2
8	02004247	Frame Assembly	1
9	02004919	Bracket Assembly, Frame, Front	1

48" Fabricated Cutter Deck - Figure 2

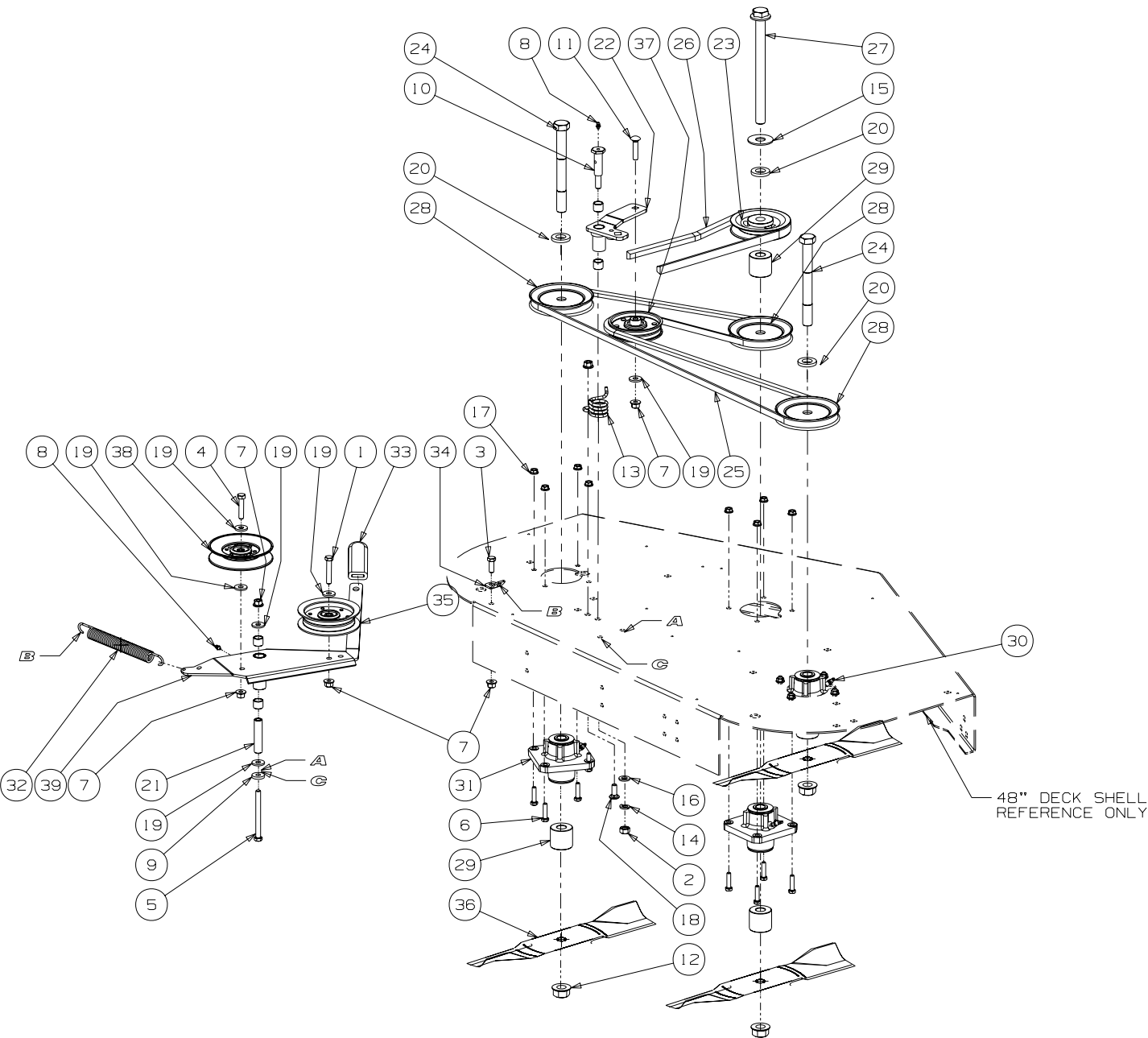


GD: 02004935-01/04/08

48" Fabricated Cutter Deck - Parts List for Figure 2

Ref. No.	Part No.	Description	Qty.
1	00006131	Hex Nut 3/8-16	6
2	00011925	Hex Cap Screw, 3/8-16, 3.75	2
3	00012158	Flat Washer, 3/8	2
4	00012428	Lock Nut, Nylon Insert, 1/2-13	5
5	00022560	Flange Lock Hex Nut, 3/8-16	19
6	00083192	Idler Washer	8
7	01000343	Complete Wheel, 5.00 Dia.	2
8	01000372	Carriage Bolt, 3/8-16 x .75 Lg.	10
9	01000385	Front Roller	5
10	01000395	Spacer Stop Deck	6
11	01000398	Wheel Spacer	2
12	01000643	Carriage Bolt, 3/8-16 x 1	7
13	01001745	Pin, 5/8 Dia. x 1.2 Lg.	4
14	01002750	Carriage Bolt, 3/8-16 x 3.5 Lg	6
15	01003253	Torsion Spring, 0.4ID x 2.16Lg	1
16	01003254	Chute Deflector Rod	1
17	01004304	Hex Index Washer Screw, 3/8-16, .05	6
18	01004707	Deck Roller Mount Bracket	3
19	01005243	Front Anti-Scalp Wheel Mount Bracket	2
20	01005244	Left Hand Front Roller Mount Bracket	1
21	01005245	Right Hand Front Roller Mount Bracket	1
22	01005851	External Washer, 3/8	6
23	01006693	Deflector Chute	1
24	01006748	Deflector Chute Bracket	1
25	01006961	Hex Cap Screw, 1/2-20 x 7.50	1
26	01008644	Finger Guard	1
27	01009296	Chute Baffle	1
28	02000040	Plastic Knob	6
29	02002299	Lock Nut, Nylon Insert, 1/2-20	1
30	02002799	J-Hook w/ Threaded Roller	1
31	02004937	48 Fabricated Deck Assembly	1
32	02005144	Belt Cover, RH	1
33	02005145	Belt Cover, LH	1
34	712-0641	Hex Nut, M16-1.5	2
35	721-04041	Water Nozzle Adaptor	1
36	736-0760	Lock Washer, 17 x 23.8 x 1.95	2
37	737-04003C	Deck Water Nozzle	2

48" Fabricated Deck Spindle Assembly - Figure 3

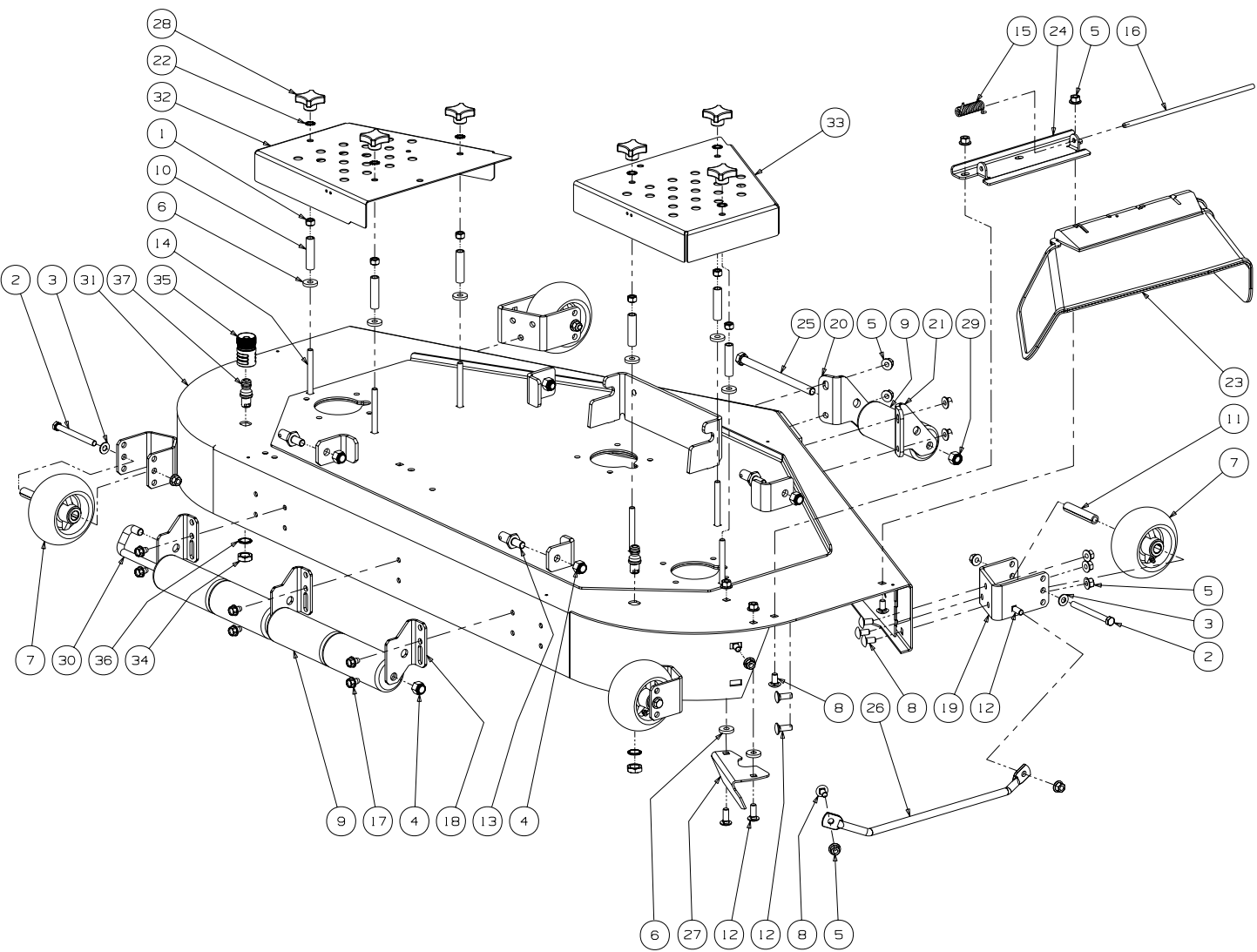


GD: 02004909-01/22/08

48" 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	00005763	Hex Nut, 7/16-14	1
3	00006144	Hex Cap Screw, 3/8-16 x 1.00	1
4	00008495	Hex Cap Screw, 3/8-16 x 1-3/4	1
5	00011925	Hex Cap Screw, 3/8-16, 4.00	1
6	00013116	HHCS, 5/16-18 x 1-1/4	12
7	00022560	Flange Lock Hex Nut, 3/8-16	6
8	00060078	Grease Fitting, 1/4-28 x 3/16	2
9	00083192	Idler Washer	1
10	01000302	Shoulder Screw, 7/16-14	1
11	01000364	Hex Carriage Screw, 3/8-16, 1.75	1
12	01000380	Flange Hex Nut, 3/4-16	3
13	01000387	Torsion Idler Spring	1
14	01000389	Lock Washer, 7/16	1
15	01000392	Flat Washer, .781 ID 2.00 OD, .105	1
16	01000393	Flat Washer, .469 ID, .875 OD, .105	1
17	01000635	Nut, 5/16-18, Flange Lock	12
18	01000643	Carriage Bolt, 3/8-16 x 1	1
19	01000723	Flat Washer, .406 ID, 1.0 OD, .105	6
20	01003123	Spacer .812 ID x .268 LG	3
21	01003245	Spacer, .39 ID x .625 OD x 2.75	1
22	01005737	Idler Arm Assembly includes:	1
	01000308	Bearing	2
23	01005202	V-Pulley, 4.75 OD	1
24	01004185	Hex Cap Screw, 3/4-16, 6.50	2
25	01005374	V-Belt, A Section x 105.3	1
26	02005168	V-Belt, B Section x 86.2	1
27	01005388	Hex Cap Screw, 3/4-16, 9.00	1
28	01006535	V-Pulley, 5.0 OD	3
29	01006681	Spacer, .760 ID x 1.75 OD x 1.60	4
30	01008565	Grease Fitting, 45 Degree	3
31	02000792	Spindle Assembly	3
32	02003712	Extension Spring, .94 OD x 7.57	1
33	02003740	Idler Tension Handle Grip	1
34	02004195	Tension Spring Bracket	1
35	02004447	Idler Pulley, 4.06 OD w/Deep Flange	1
36	02005017	Blade, 17.0, Hi-Lift, 0.756 ID	3
37	02005077	Idler Pulley, 4.06 Dia.	1
38	02005079	Idler Pulley, 5.06 Dia.	1
39	02005507	Idler Arm Assembly includes:	1
	01000308	Bearing	2

60" Fabricated Cutter Deck - Figure 4

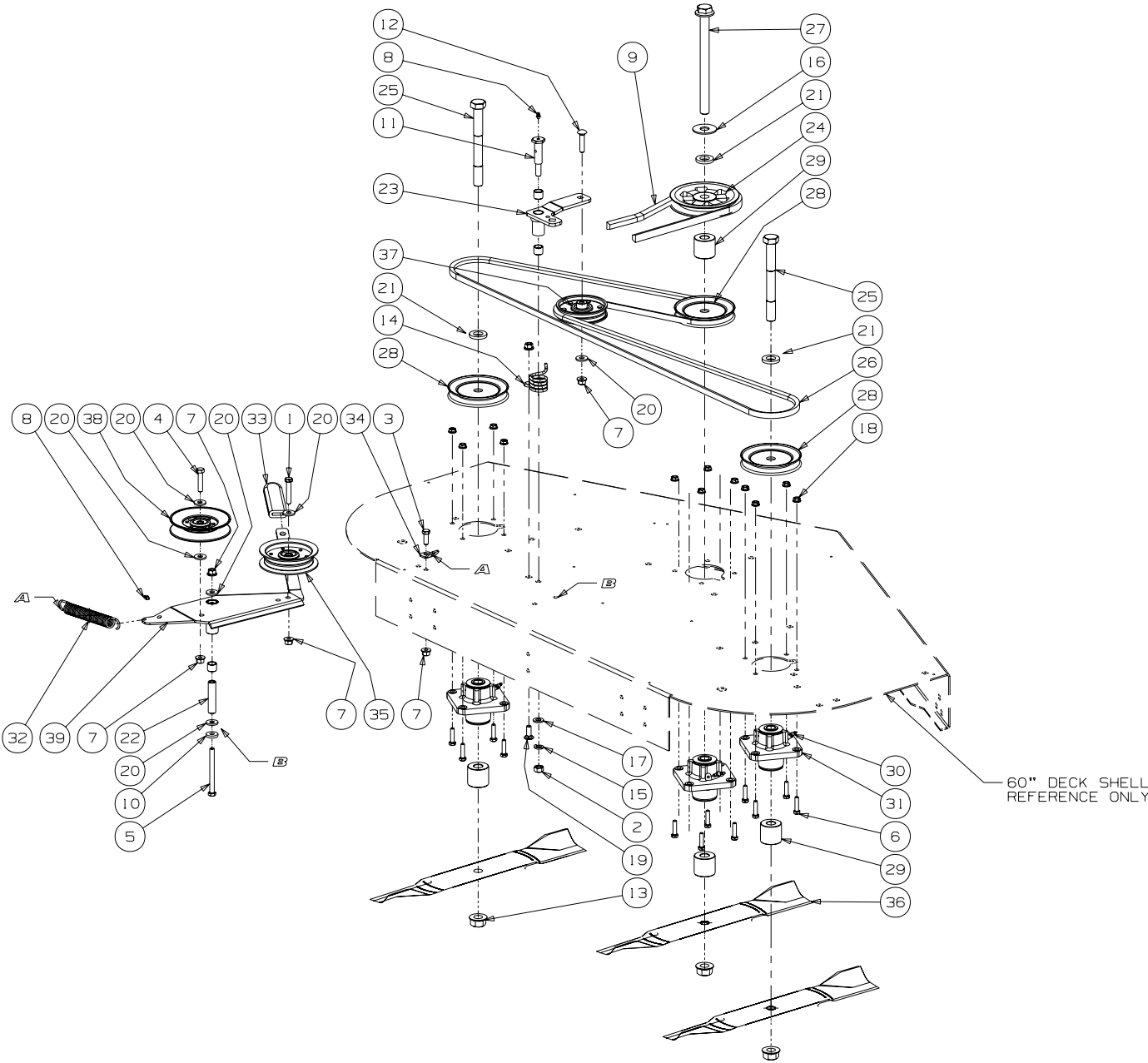


GD: 02004393-01/23/08

60" Fabricated Cutter Deck - Parts List for Figure 4

Ref. No.	Part No.	Description	Qty.
1	00006131	Hex Nut 3/8-16	6
2	00011925	Hex Cap Screw, 3/8-16, 3.75	4
3	00012158	Flat Washer, 3/8	4
4	00012428	Lock Nut, Nylon Insert, 1/2-13	5
5	00022560	Flange Lock Hex Nut, 3/8-16	21
6	00083192	Idler Washer	8
7	01000343	Complete Wheel, 5.00 Dia.	4
8	01000372	Carriage Bolt, 3/8-16 x .75 Lg.	10
9	01000385	Front Roller	5
10	01000395	Spacer Stop Deck	6
11	01000398	Wheel Spacer	4
12	01000643	Carriage Bolt, 3/8-16 x 1	7
13	01001745	Pin, 5/8 Dia. x 1.2 Lg.	4
14	01002750	Carriage Bolt, 3/8-16 x 3.50	6
15	01003253	Torsion Spring, 0.4ID x 2.16Lg	1
16	01003254	Chute Deflector Rod	1
17	01004304	Hex Index Washer Screw, 3/8-16, .5	6
18	01004707	Deck Roller Mount Bracket	3
19	01005243	Front Anti-Scalp Wheel Mount Bracket	2
20	01005244	Left Hand Front Roller Mount Bracket	1
21	01005245	Right Hand Front Roller Mount Bracket	1
22	01005851	External Washer, 3/8	6
23	01006693	Chute Deflector	1
24	01006748	Chute Deflector Bracket	1
25	01006961	Hex Cap Screw, 1/2-20 x 7.50	1
26	01008644	Finger Guard	1
27	01009296	Chute Baffle	1
28	02000040	Plastic Knob	6
29	02002299	Lock Nut, Nylon Insert, 1/2-20	1
30	02002799	J-Hook w/ Threaded Roller	1
31	02004394	60 Fabricated Deck Assembly	1
32	02004403	Belt Cover, LH	1
33	02004410	Belt Cover, RH	1
34	712-0641	Hex Nut, M16-1.5	2
35	721-04041	Water Nozzle Adaptor	1
36	736-0760	Lock Washer, 17 x 23.8 x 1.95	2
37	737-04003C	Deck Water Nozzle	2

60" Fabricated Deck Spindle Assembly - Figure 5

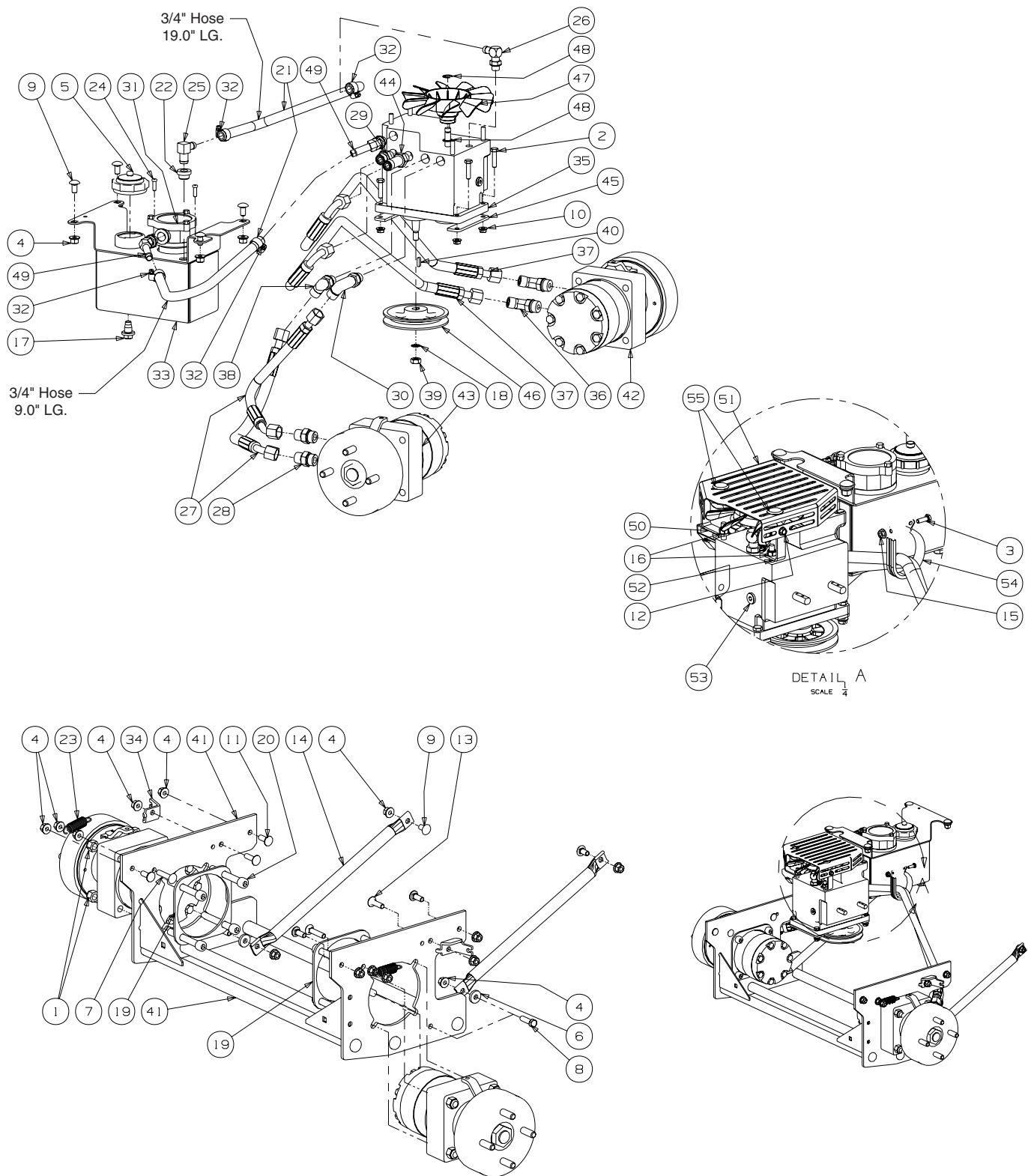


GD: 02004425-01/11/08

60" Fabricated Deck Spindle Assembly - Parts List for Figure 5

Ref. No.	Part No.	Description	Qty.
1	00002528	Hex Cap Screw, 3/8-16 x 2.00	1
2	00005763	Hex Nut, 7/16-14	1
3	00006144	Hex Cap Screw, 3/8-16 x 1.00	1
4	00008495	Hex Cap Screw, 3/8-16 x 1-3/4	1
5	00011925	Hex Cap Screw, 3/8-16, 4.00	1
6	00013116	HHCS, 5/16-18 x 1-1/4	12
7	00022560	Flange Lock Hex Nut, 3/8-16	6
8	00060078	Grease Fitting, 1/4-28 x 3/16	2
9	00068079	V-Belt, B-Section, BK90	1
10	00083192	Idler Washer	1
11	01000302	Shoulder Screw, 7/16-14	1
12	01000364	Hex Carriage Screw, 3/8-16, 1.75	1
13	01000380	Flange Hex Nut, 3/4-16	3
14	01000387	Torsion Idler Spring	1
15	01000389	Lock Washer, 7/16	1
16	01000392	Flat Washer, .781 ID 2.00 OD, .105	1
17	01000393	Flat Washer, .469 ID, .875 OD, .105	1
18	01000635	Nut, 5/16-18, Flange Lock	12
19	01000643	Carriage Bolt, 3/8-16 x 1	1
20	01000723	Flat Washer, .406 ID, 1.0 OD, .105	6
21	01003123	Spacer .812 ID x .268 LG	3
22	01003245	Spacer, .39 ID x .625 OD x 2.75	1
23	01005737	Idler Arm Assembly, Deck Spindle includes:	1
	01000308	Bearing	2
24	01005203	V-Pulley, 5.774 OD	1
25	01004185	Hex Cap Screw, 3/4-16, 6.50	2
26	01005376	V-Belt, A Section x 122.3	1
27	01005388	Hex Cap Screw, 3/4-16, 9.00	1
28	01006535	V-Pulley, 5.0 OD	3
29	01006681	Spacer, .760 ID x 1.75 OD x 1.60	4
30	01008565	Grease Fitting, 45 Degree	3
31	02000792	Spindle Assembly	3
32	02003712	Extension Spring, .94 x OD x 7.57	1
33	02003740	Grip, 1.0 x 3.2 x .25	1
34	02004195	Tension Spring Bracket	1
35	02004447	Idler Pulley, 4.06 OD	1
36	02005019	Hi-Lift Blade, 21.0, 0.756 ID	3
37	02005077	Flat Pulley with Flanges	1
38	02005079	Idler Pulley, 5.06 OD	1
39	02005507	Idler Arm Assembly includes:	1
	01000308	Bearing	2

Hydro Hose and Pump Assembly - Figure 6



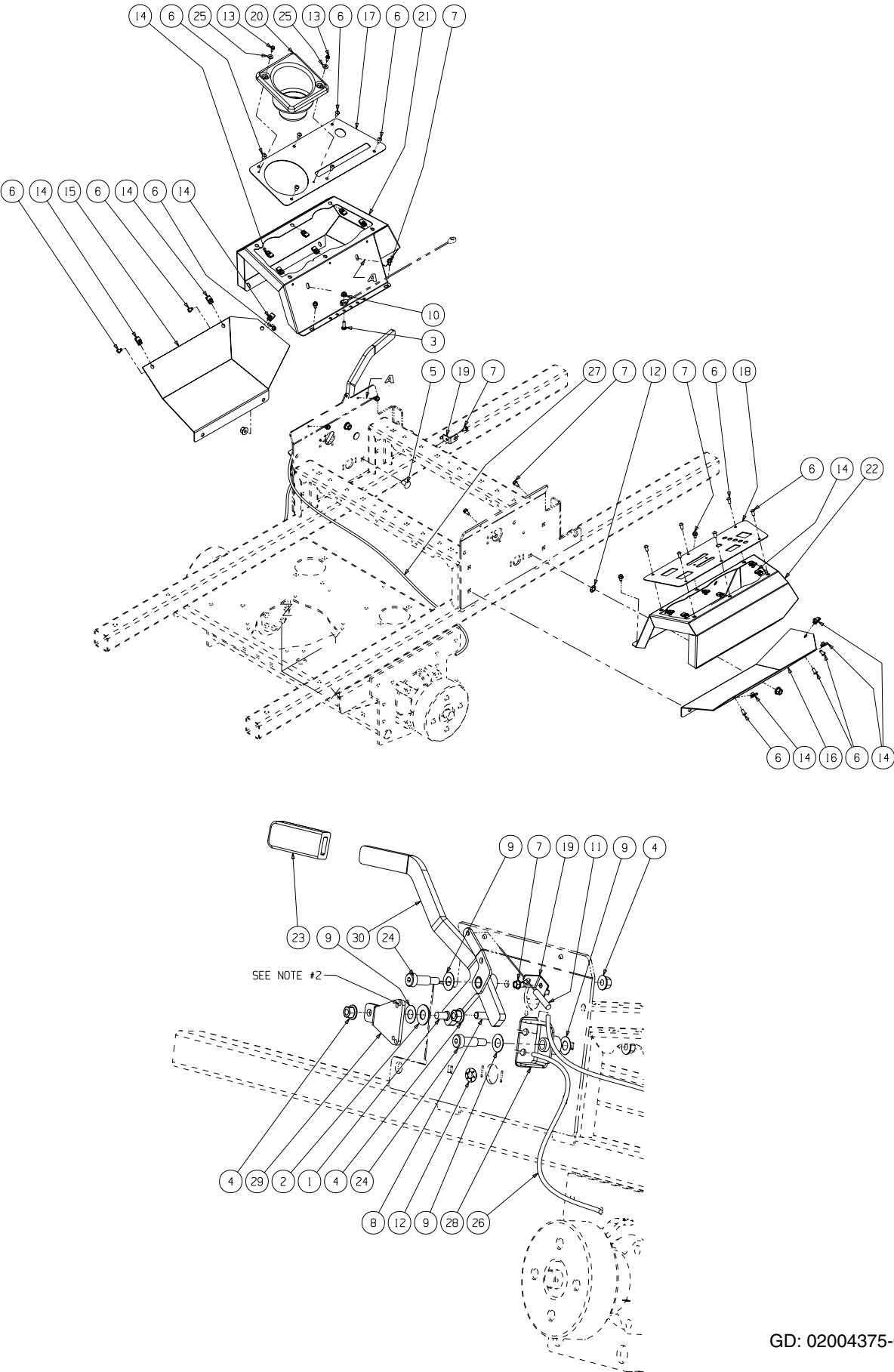
GD: 02004250-03/11/08

Hydro Hose and Pump Assembly- Parts List for Figure 6

Ref. No.	Part No.	Description	Qty.
1	00012428	Washer lock 3/8 zinc	8
2	00013116	HHCS, 5/16-18 x 1-1/4	4
3	00013131	HHCS, 1/4-20 x 0.75	1
4	00022560	Flange Lock Hex Nut, 3/8-16	18
5	00030261	Cap, Hydro Oil Tank	1
6	00083192	Idler Washer	2
7	01000364	Hex Carriage Screw, 3/8-16, 1.75	2
8	01000369	Hex Cap Screw, 3/8 -16 x 1.25	2
9	01000372	Carriage Bolt, 3/8-16 x .75 LG.	6
10	01000635	Nut, 5/16-18, Flange Lock	4
11	01000643	Carriage Bolt, 3/8-16 x 1	4
12	01000864	Self Tapping Screw, 1/4-20 x 0.375	2
13	01002010	Carriage Screw, 3/8-16 x 1.25	2
14	01002593	Strut Frame	2
15	01002766	Nut, 1/4-20, Flange Lock	1
16	01003561	Hex Nut, M8 x 1.2, Nylon Top Lock	2
17	01004192	Oil Pan Drain Plug w/ Seal	1
18	01005851	Washer, 3/8 ID, External Tooth	1
19	01006948	Hydro Wheel Motor Backup Plate	2
20	01007791	Socket Head Capscrew, 1/2-13; 3-1/2	8
21	--	Hydraulic Hose, .50 ID x .75 OD (in inches)	28
22	02000296	Grommet Fitting, .54 ID x .78 OD	1
23	02000401	Spring Extension, .740 OD x 2.656	2
24	02000841	Socket Low Head Cap Screw, 1/4-20 x 0.75	2
25	02001151	Fitting Elbow Spur, 5/8 x 1/2	1
26	02001160	Fitting Elbow, 9/16 x 1/2	1
27	02001177	Short Pressure Hose Assembly	2
28	02001715	Adaptor Fitting, 8 x 10	2
29	02001975	Adaptor Fitting, 8 x 8	1
30	02002003	Adaptor, 8 x 8	1
31	02002257	Hydraulic In-Tank Filter includes:	1
	02002258	Replacement Filter	1
32	02002392	Hose Clamp, 1/2	4
33	02002701	Hydraulic Tank Assembly	1
34	02003826	Rear Cable Mounting Bracket	2
35	02004242	Hydro Pump	1
36	02004254	Adaptor Fitting, 8 x 10	2
37	02004256	Long Pressure Hose Assembly	2
38	02004258	Adaptor Fitting, 8 x 8	1
39	02004427	Nut, M10 x 1.5, Left Hand	1
40	02004428	Key	1
41	02004429	Hydro Motor Frame Assembly	1
42	02004441	Hydro Motor, Right Hand Assembly w/ Brake & Drum	1
43	02004442	Hydro Motor, Left Hand Assembly w/ Brake & Drum	1
44	02004922	Adaptor Fitting, 8 x 8	1
45	02004923	Spacer Plate, Pump	2
46	02005143	Hydro Pump Pulley	1
47	02005158	Fan	1
48	02005159	E-Clip	2
49	02005160	Fitting, 3/4 ORB x 1/2 Tube	2
50	02005161	Left Hand Fan Bracket	1
51	02005162	Pump Cover	1
52	02005163	Right Hand Fan Bracket	1
53	02005166	Plug Adaptor	1
54	02005672	Clamp, 2.00 x 3.50	1
55	731-06522	Plastic Plug	2

NOTE: Lubricant, 02002058 Quarts, 2.00

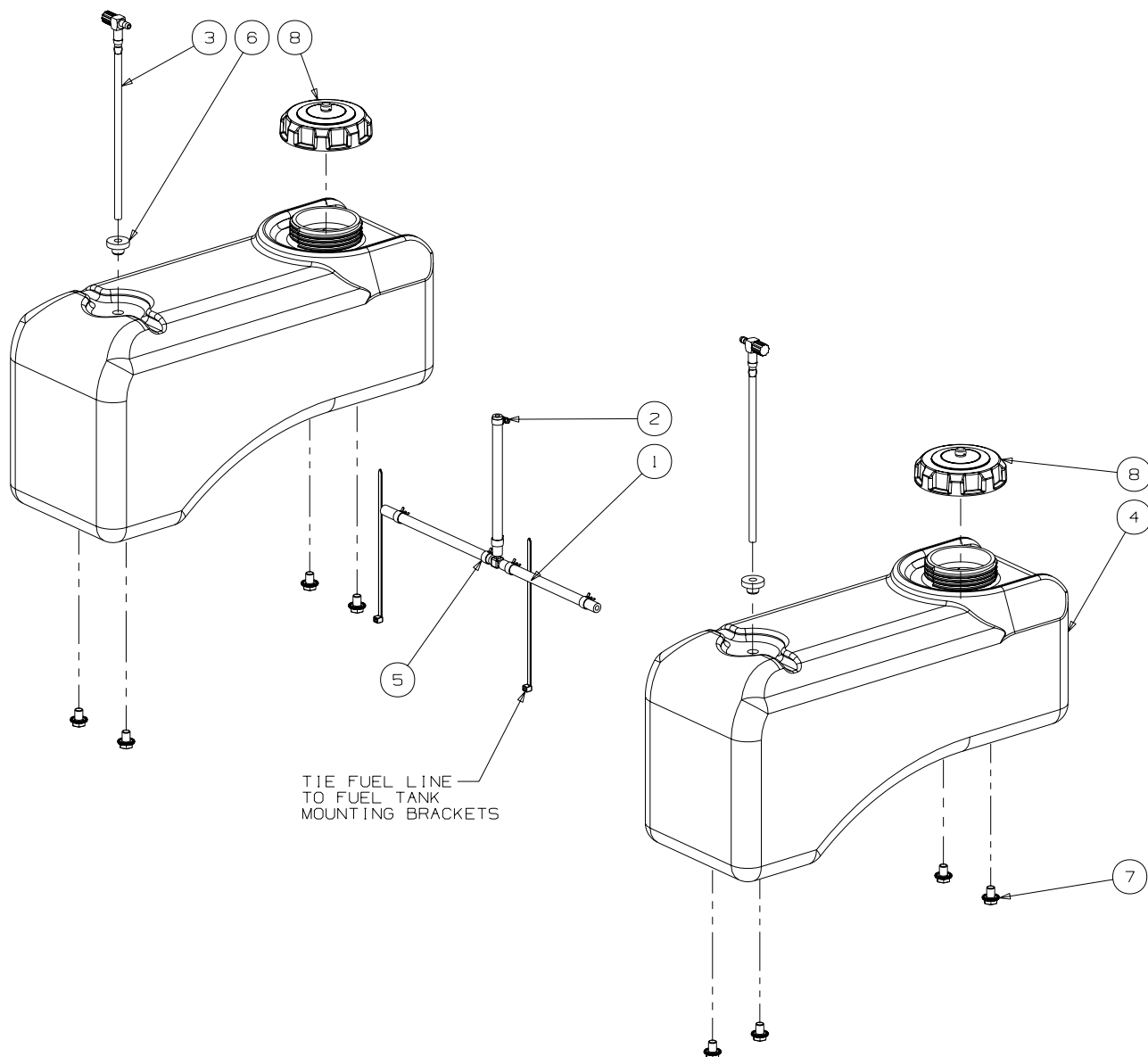
Brake Assembly - Figure 7



Brake Assembly - Parts List for Figure 7

Ref. No.	Part No.	Description	Qty.
1	00011450	Shoulder Bolt, 1/2 x 1/2	1
2	00012577	Washer, 1/2 Zinc	1
3	00013131	Screw, Hex, Cap, 1/4-20 x .75	1
4	00022560	Flange Lock Hex Nut, 3/8-16	3
5	01000372	Carriage Bolt, 3/8-16 x .75	2
6	01000443	Screw Button Head, 1/4-20 x .5	18
7	01000628	Screw, TT, 1/4-20, 0.5, Hex Index Washer	10
8	01000643	Carriage Bolt, 3/8-16, 1.00	1
9	01000930	Washer, .508 ID x 1.0 OD x .020	4
10	01002766	Hex Flange Lock Nut, 1/4-20	1
11	01008198	Left Hand Brake Cable	1
12	01008225	Push Retainer, 3/8	2
13	01008531	Screw, #10-32 x 0.500	2
14	01008539	U-Nut, 1/4-20	18
15	02002785	Lower Panel, LH	1
16	02002786	Lower Panel, RH	1
17	02002806	Control Panel Cover, LH	1
18	02002852	Control Panel Cover, RH	1
19	02002864	Brake Cable Mounting Bracket	2
20	02002874	Cup Holder	1
21	02002969	Control Panel, LH	1
22	02002970	Control Panel, RH	1
23	02003010	Parking Brake Grip	1
24	02003603	Shoulder Bolt, 1/2 x 1.00, 3/8-16	2
25	02003725	Washer, 3/16	2
26	02003770	Brake Cable, LH	1
27	02003774	Brake Cable, RH	1
28	02003776	Brake Cable Bracket	1
29	02003841	Centering Bracket	1
30	02005151	Brake Lever	1

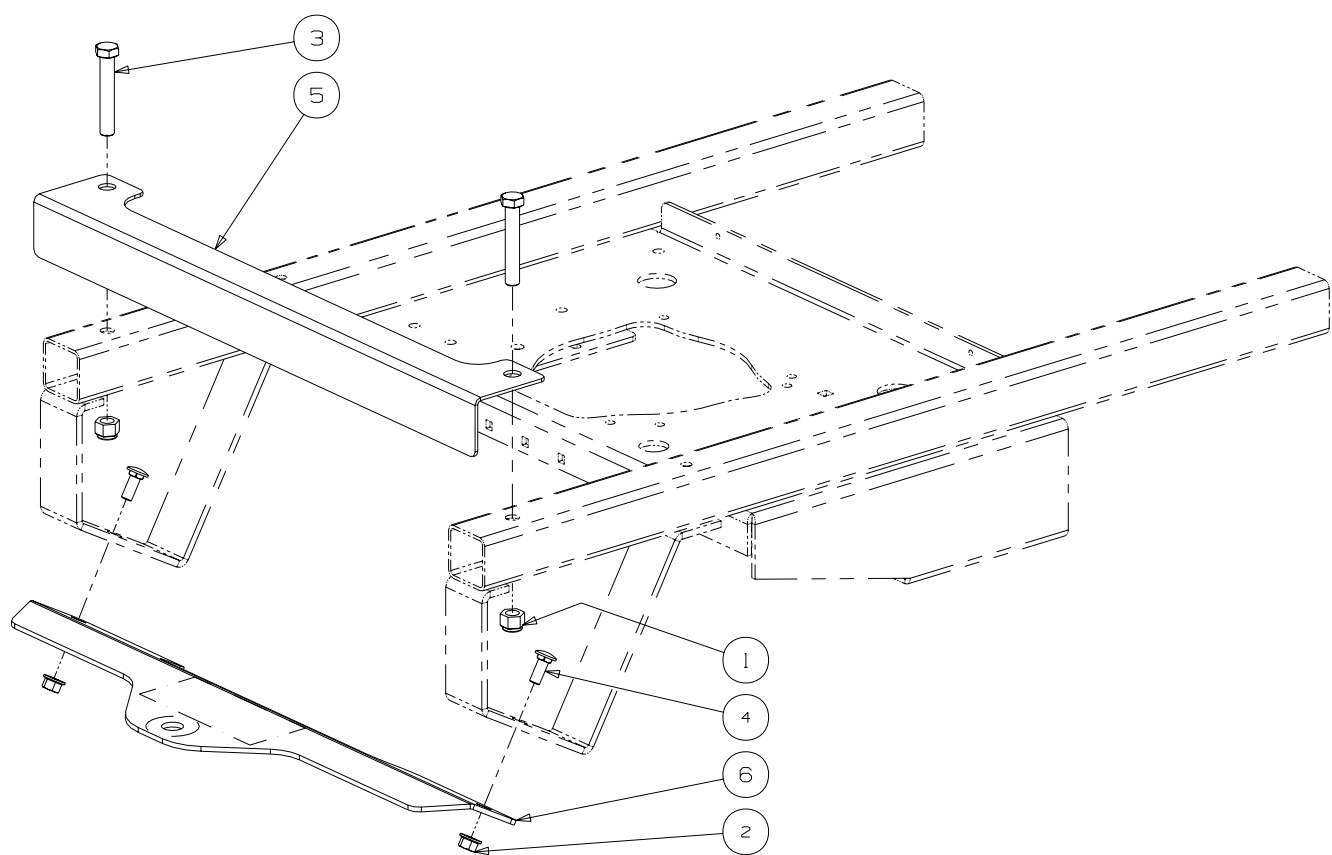
Fuel Tank Assembly - Figure 8 and Parts List



GD: 02005155-01/04/08

Ref. No.	Part No.	Description	Qty.
1	00012470	Cable Tie	2
2	01000215	Hose Clamp, SAE #4: 1/4-5/8, SS	1
3	01003116	Fuel Fitting	2
4	01004350	Fuel Tank	2
5	02001908	Fuel Hose Assembly includes:	1
	--	Hose, 1/4" Fuel Line (in inches)	88
	00012235	Clamp, Union	5
	01003473	Tee Fitting, Fuel	1
6	02002253	Grommet, Fuel Tank	2
7	02005013	Hex Cap Screw, 3/8-16 x .500	8
8	751-3124D	Fuel Cap, 3.5, Tethered	2

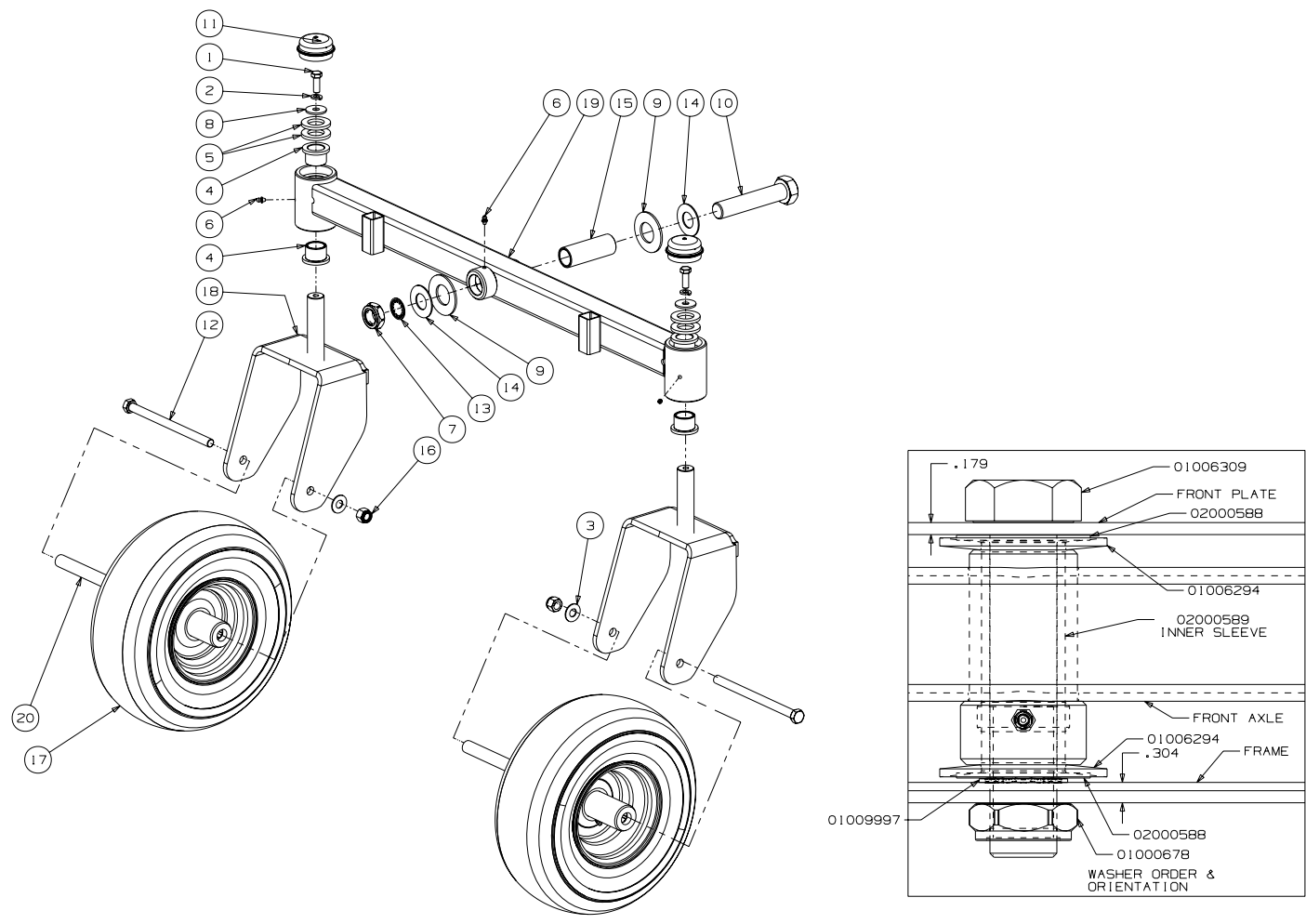
Rear Bumper - Figure 9 and Parts List



GD: 02004017-01/04/08

Ref. No.	Part No.	Description	Qty.
1	00012428	Hex Nut, 1/2-13, Insert Lock	2
2	00022560	Flange Lock Hex Nut, 3/8-16	2
3	00030046	HHCS, 1/2-13, 3.00	2
4	01000643	Carriage Bolt, 3/8-16 x 1.00	2
5	01006211	Bumper Assembly	1
6	02002535	Hitch Bracket	1

48" Front Caster Assembly - Figure 10

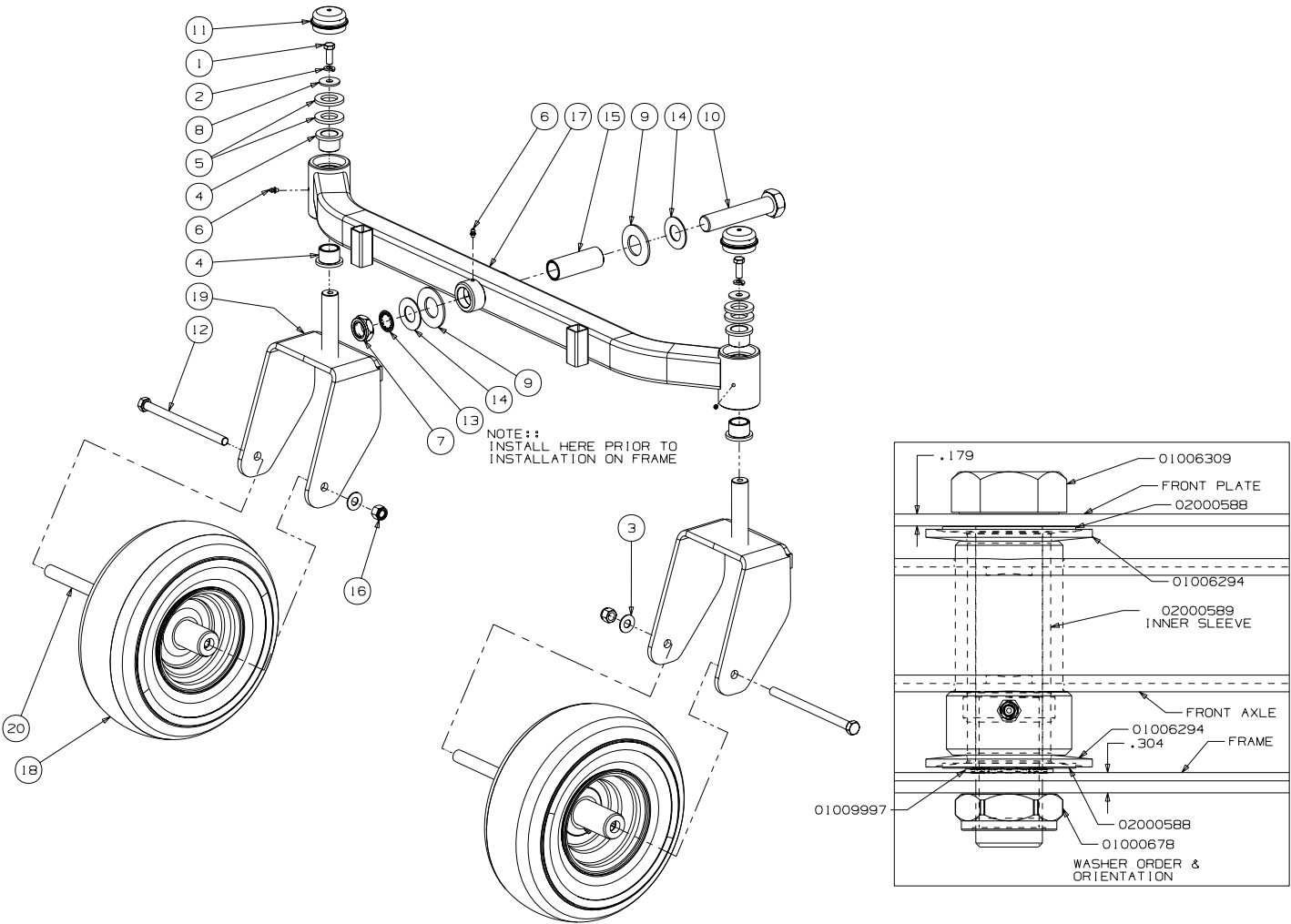


GD: 02005140-01/04/08

48" Front Caster Assembly - Parts List for Figure 10

Ref. No.	Part No.	Description	Qty.
1	00006144	Hex Cap Screw, 3/8-16 x 1.00	2
2	00012157	Lock Washer, 3/8	2
3	00012577	Washer, 1/2 x 1 Shim	2
4	00023793	Flange Bearing, 1.013 ID	4
5	00023822	Washer Special	4
6	00060078	Grease Fitting, 1/4-28 x 3/16	3
7	01000678	Nut, Jam, 1.0-14, Insert Lock	1
8	01000872	Flat Washer, 1.25 x .411 x .100	2
9	01006294	Bell Washer, 1.25 ID x 2.5 x .157	2
10	01006309	Hex Cap Screw, 1-14 x 5.0	1
11	01006347	Grease Cap, 1.986 OD	2
12	01006961	HHCS, 1/2-20, 7.50	2
13	01009997	Retainer Extension, Self Locking	1
14	02000588	Flat Washer, 1.00 ID	2
15	02000589	Spacer, 1.005 ID x 1.25 OD x 3.6	1
16	02002299	Lock Nut, Nylon Insert, 1/2-20	2
17	02005000	Wheel, 13 x 5.00 x 6.0, includes:	2
	02002105	Tire	1
	02002106	Roller Bearings (per tire)	2
	02002107	Retainer Bushings (per tire)	2
18	02005001	Castor Wheel Mounting Bracket	2
19	02005142	Front Axle Assembly	1
20	750-04775A	Spacer, .51 ID x .75 OD x 5.825	2

60" Front Caster Assembly - Figure 11

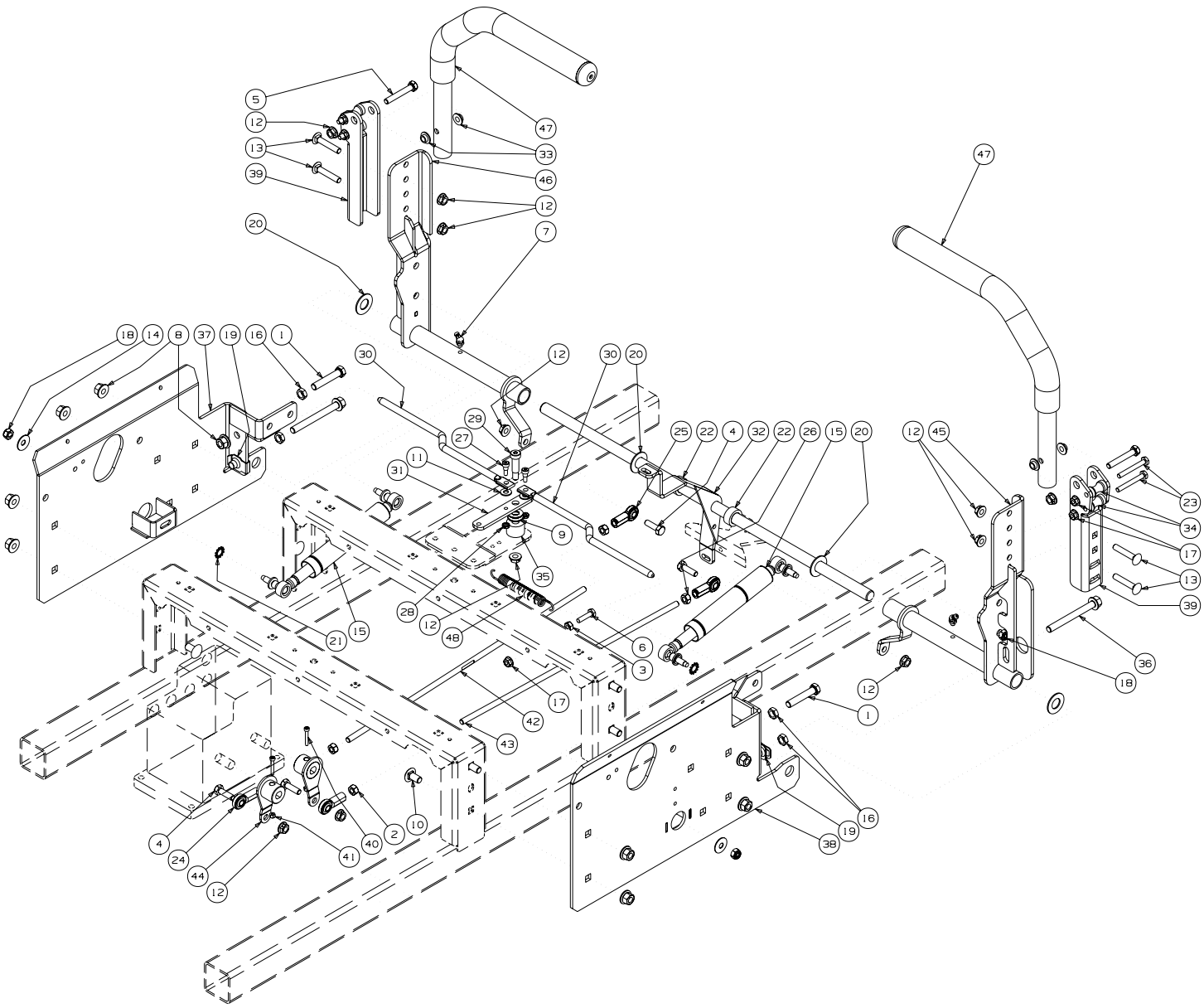


GD: 02004390-01/04/08

60" Front Caster Assembly - Parts List for Figure 11

Ref. No.	Part No.	Description	Qty.
1	00006144	Hex Cap Screw, 3/8-16 x 1.00	2
2	00012157	Lock Washer, 3/8	2
3	00012577	Washer, 1/2 x 1 Shim	2
4	00023793	Flange Bearing, 1.013 ID	4
5	00023822	Washer Special	4
6	00060078	Grease Fitting, 1/4-28 x 3/16	3
7	01000678	Nut, Jam, 1.0-14, Insert Lock	1
8	01000872	Flat Washer, 1.25 x .411 x .100	2
9	01006294	Bell Washer, 1.25 ID x 2.5 x .157	2
10	01006309	Hex Cap Screw, 1-14 x 5.0	1
11	01006347	Grease Cap, 1.986 OD	2
12	01006961	HHCS, 1/2-20, 7.50	2
13	01009997	Retainer Extension, Self Locking	1
14	02000588	Flat Washer, 1.00 ID	2
15	02000589	Spacer, 1.005 ID x 1.25 OD x 3.6	1
16	02002299	Lock Nut, Nylon Insert, 1/2-20	2
17	02004384	Front Axle Assembly	1
18	02005000	Wheel, 13 x 5.00 x 6.0, includes:	2
	02002105	Tire	1
	02002106	Roller Bearings (per tire)	2
	02002107	Retainer Bushings (per tire)	2
19	02005001	Castor Wheel Mounting Bracket	2
20	750-04775A	Spacer, .51 ID x .75 OD x 5.825	2

Control Assembly- Figure 12

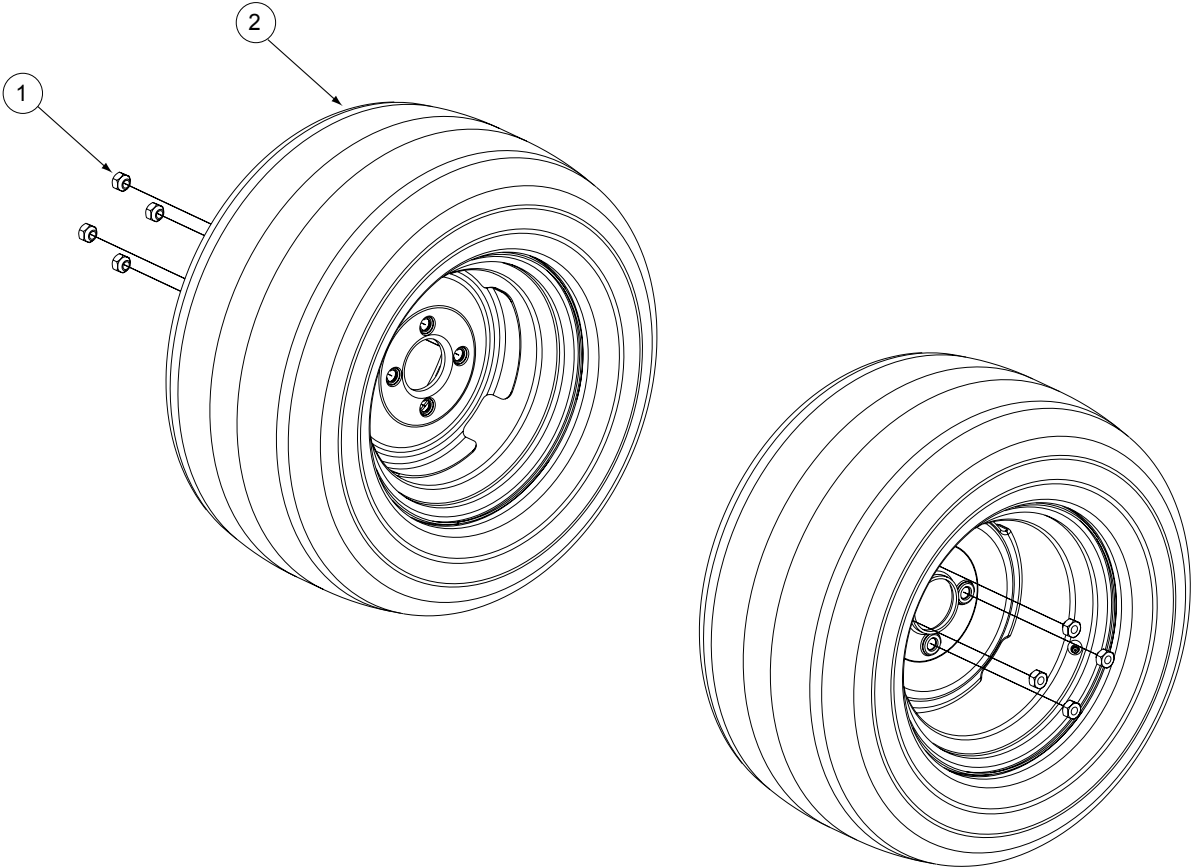


GD: 02004455-01/04/08

Control Assembly - Parts List for Figure 12

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00002528	Hex Cap Screw, 3/8-16 x 2.00	2	27	01009322	Shoulder Bolt, 1/4 x 1/4	2
2	00012167	Hex Nut, 5/16-24	2	28	01009377	Nut w/ Star Washer, 10-24	2
3	00012186	Hex Nut, 1/4-20	1	29	02000069	Screw, Shoulder Control Rod	1
4	00013092	Hex Cap Screw, 5/16-18 x 1.0	4	30	02002542	Brake/Control Rod	2
5	00013198	Hex Cap Screw, 5/16-18 x 2.00	2	31	02002543	Lapbar Control Arm	1
6	00013416	HHCS, 1/4-20 x 1.00	1	32	02002555	Lapbar Control Shaft Assembly	1
7	00021958	Grease Fitting, 1/4-28, 45 degree	2	33	02003419	Bushing, .310 x .172 x .688 x .06	4
8	00022560	Hex Nut, 3/8-16, Lock Flange	10	34	02003644	Spacer, .251 ID x .38 OD x 1.13 LG	4
9	00061053	Washer, 3/8, SS	2	35	02003664	Spacer, .405 ID x 1.0 OD x .72	1
10	01000372	Carriage Bolt, 3/8-16 x .75	8	36	02003666	Hex Cap Screw, 3/8-16 x 3.50	2
11	01000600	Flat Washer, 1.4 x .630 x .0515	2	37	02003883	Side Panel, Control, Left	1
12	01000635	Nut, Lock, HexFlange, 5/16-18	11	38	02003884	Side Panel, Control, Right	1
13	01000956	Carriage Bolt, 5/16-18 x 1.75	4	39	02004044	Lapbar Pivot Bracket	2
14	01000960	Belle Washer, .325 x .930 x .045	2	40	02004404	Sockethead Capscrew,, M4 x 0.7 x 25mm	2
15	01001727	Cylinder Return to Neutral	2	41	02004405	Nut, M4 x 0.7mm, Nylock	2
16	01002511	Nut, 3/8-16, Jam	4	42	02004448	Control Rod, 5/16-24, RH/LH x 19.5	1
17	01002766	Hex Flange Lock Nut, 1/4-20	5	43	02004449	Control Rod, 5/16-24, RH/LH x 16.5	1
18	01003561	Nut, Hex, Center Lock, M8	4	44	02004903	Pump Mount Bracket	2
19	01003947	U-Nut, 3/8-16, .75	2	45	02004372	Lapbar Control Assembly, RH	1
20	01004003	Flat Washer, 5/8 Nylon	4		01004265	Bearing	2
21	01005851	External Washer, 3/8	2	46	02004371	Lapbar Control Assembly, LH	1
22	01006350	Shaft Collar	2		01004265	Bearing	2
23	01006898	Hex Cap Screw, 1/4-20 x 2.00	4	47	02004933	Lapbar Assembly includes:	2
24	01008410	Rod End, 5/16, Right Hand	2		02002662	Grip, 1.0	2
25	01008551	Rod End, 5/16, Left Hand	2	48	732-0470A	Extension Spring, .53 OD x 4.75	1
26	01008576	Hex Nut, 5/16-24, Left Hand	2				

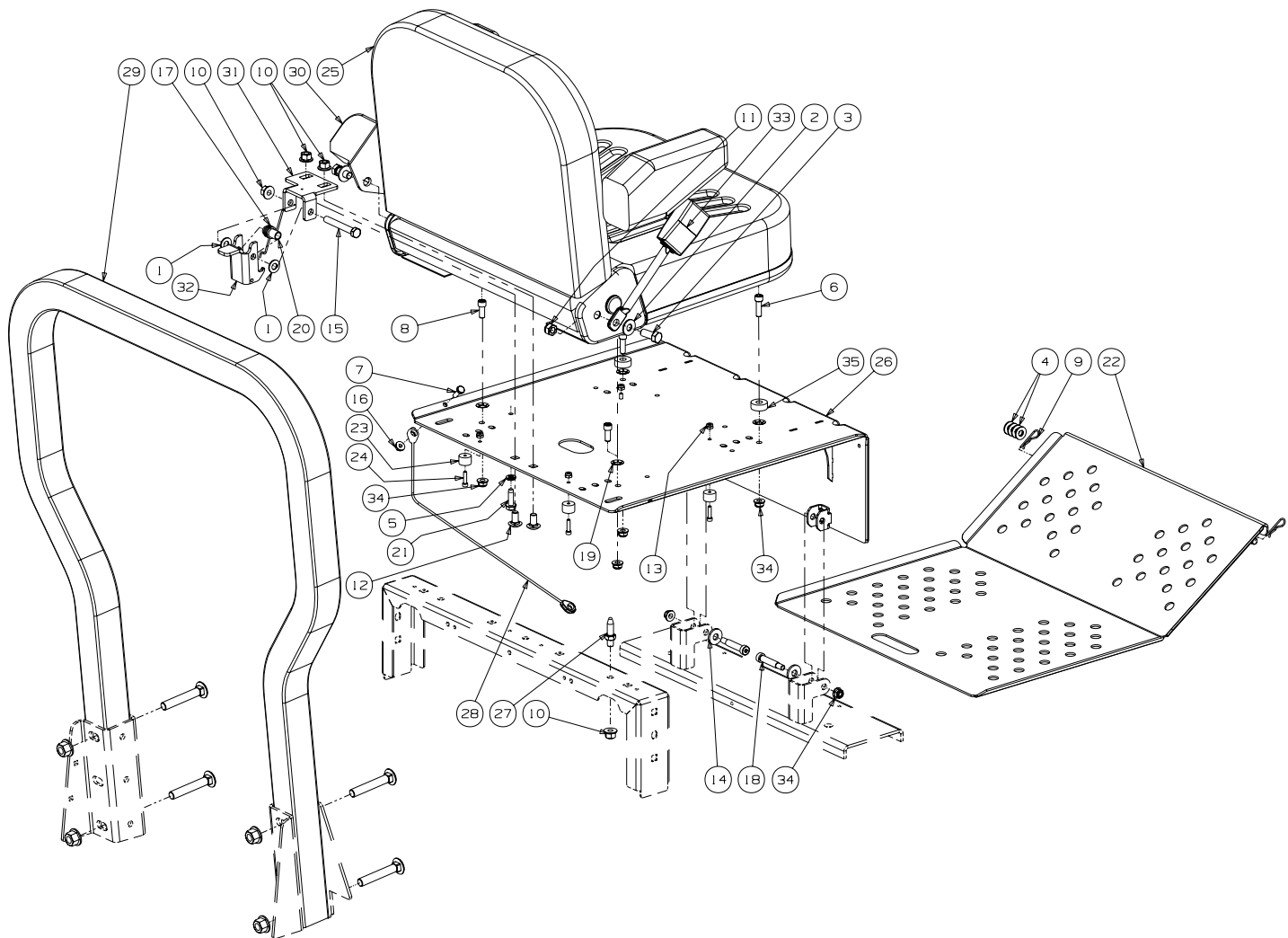
Wheel Assembly - Figure 13 and Parts List



GD: 02002667-10/04/06

Ref. No.	Part No.	Description	Qty.
1	00012187	Lug Nut, 1/2-20	8
2	02002666	Wheel Assembly, 23 x9.5-12, Beige	2
	02002104	Includes: Tire, 23 x 9.50-12 Rim, 12 Dia x 7.00 width	

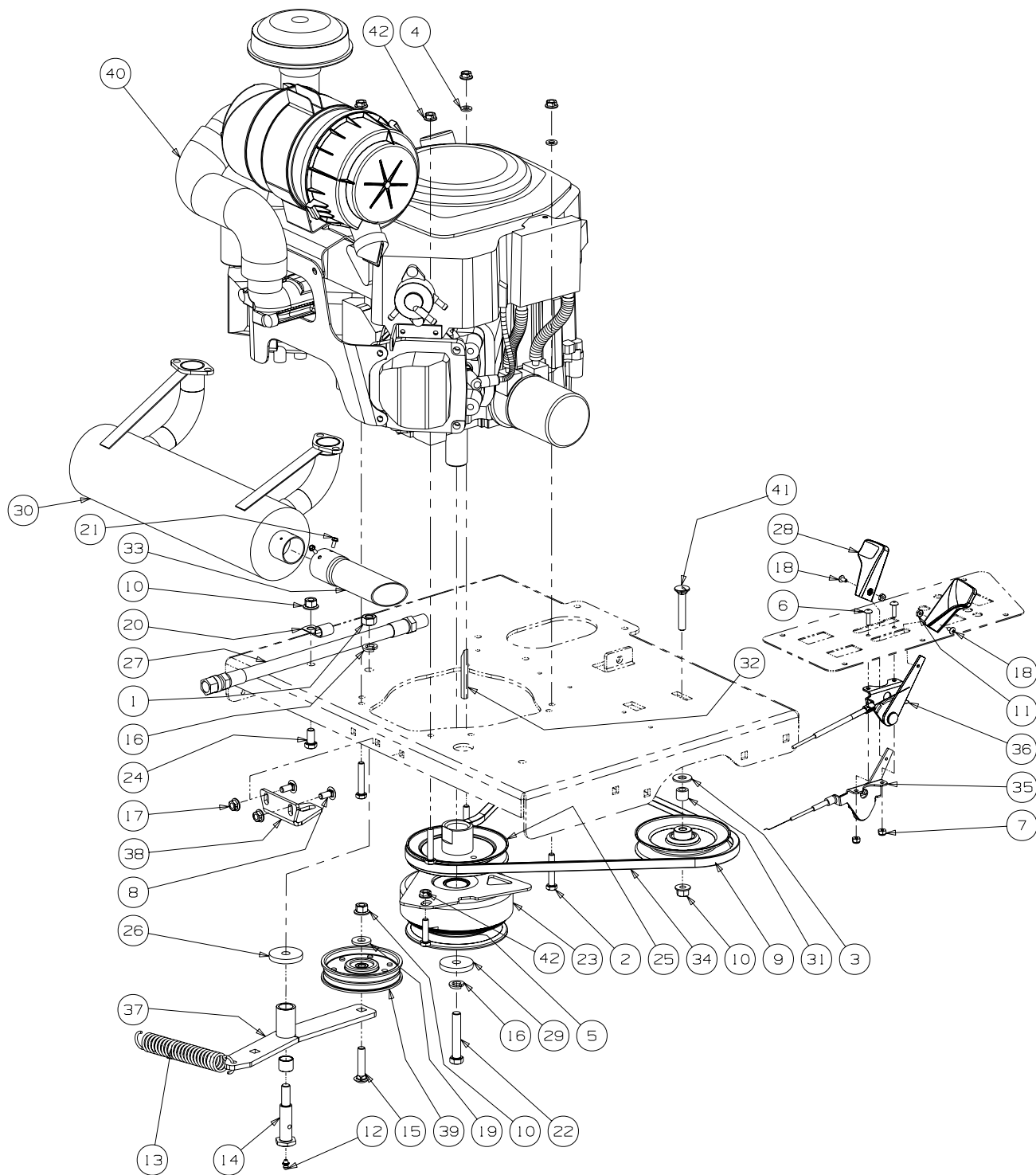
Seat/Floor Panel Assembly- Figure 14 and Parts List



GD: 02002940-02/20/08

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00005530	Flat Washer, 3/8 Nylon	2	20	02000337	Spacer, .375 x .5 x 1.176 Lg.	1
2	00006168	Flat Washer, 3/8	2	21	02000762	Self Tapping Screw 5/16-18 x 1.00	1
3	00008724	Hex Cap Screw, 7/16-14 x 1.00	2	22	02002334	Floor Panel Assembly	1
4	00012158	Washer	AR	23	02002963	Rubber Stop with Washer	4
5	00083192	Washer, .390 ID x 1.0 OD x .180	1	24	02002964	Standard Cap Screw, #10-24 x .75	4
6	00013092	Hex Head Capscrew, 5/16-18 x 1.0	2	25	02002976	Seat includes:	1
7	00013131	Screw, Hex, Cap, 1/4-20 x .75	1		02005335	RH & LH Armrest Kit	
8	00013406	Hex Head Capscrew, 5/16-18 x .75	2		02003997	Seat Switch	1
9	00021956	Hair Pin, 3/8-1/2	2	26	02003404	Seat Plate Assembly	1
10	00022560	Flange Lock, Hex Nut, 3/8-16	4	27	02003745	Adjustable Stud	1
11	00027279	Nylock Nut, 7/16-14	2	28	02004062	Cable Support	1
12	01000372	Carriage Bolt, 3/8-16 x .75 Long	2	29	02004906	Rops Assembly includes:	1
13	01000523	Nut, #10-24, Nylon Lock	4	30	02004907	Seatbelt	1
14	01000723	Flat Washer, .406 ID, 1.0 OD, .105	2	31	02005147	Seat Latch Bracket	1
15	01001371	Hex Cap Screw 3/8-16 x 2.75	1	32	02005148	Seat Latch	1
16	01002766	Lock Nut, 1/4-20	1	33	02005164	Seatbelt Buckle	1
17	01008140	Deck Lift Spring, Left Hand	1	34	712-04063	Nut, 5/16-18, Flangelock	6
18	01009459	Shoulder Bolt, .375 x 1.50	2	35	750-3119	Spacer .406 ID x 1.0 OD	2
19	02000300	Push Retainer, 5/16	4				

23HP Kohler Engine Assembly - Figure 15



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

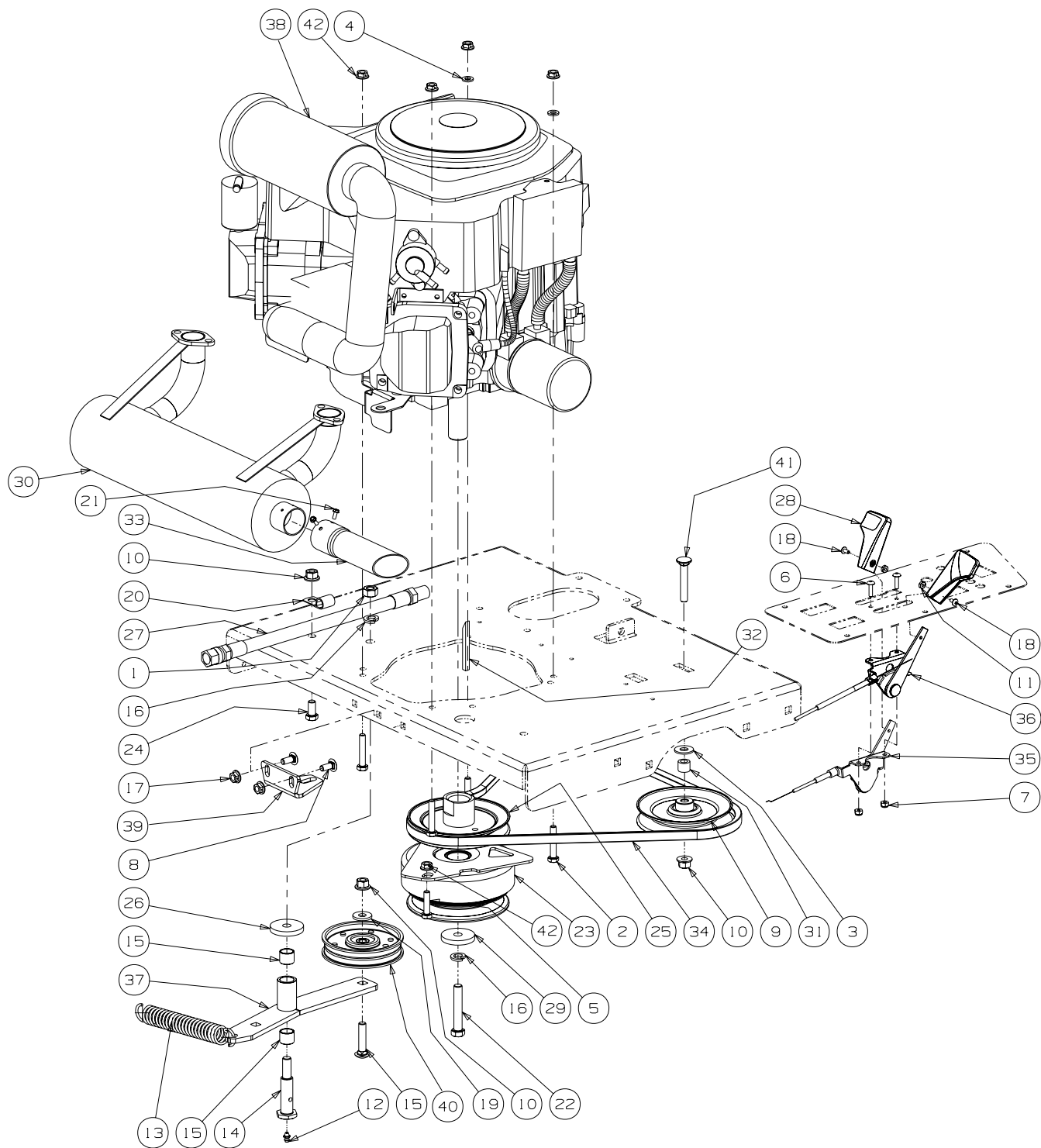
GD: 02004908-03/04/08

23HP Kohler Engine Assembly - Parts List for Figure 15

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	00006168	Flat Washer, 3/8 zinc	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	00021975	Idler Pulley	1
10	00022560	Flange Lock, Hex Nut, 3/8-16	3
11	00060056	Nut Washer, W/Star, 8-32	2
12	00060078	Grease Fitting, 1/4-28 x 3/16	1
13	01000199	Spring Extension, 1.0 OD x 5.00S	1
14	01000302	Shoulder Screw, 7/16-14	1
15	01000364	Hex Carriage Screw, 3/8-16, 1.75	1
16	01000389	Lock Washer, 7/16	2
17	01000635	Hexflange Lock Nut, 5/16-18	2
18	01000721	Machine Screw, 8-32, .375	2
19	01000723	Flat Washer, .406 ID, 1.0 OD, .105	1
20	01000728	Clip, Heat Shield Cable	1
21	01000811	Screw, #8-32 x 0.375	2
22	01001395	Capscrew, 7/16-20 x 2.50	1
23	01001979	Clutch Brake, 1.125 ID	1
24	01002601	Hex Cap Screw, 3/8-16, .750	1
25	01002880	Pump Drive Pulley	1
26	01003269	Flat Washer, 7/16 ID x 1.75 OD x .25	1
27	01003283	Oil Drain Hose	1
28	01004004	Control Throttle Knob	2
29	01005314	Flat Washer, 7/16 ID x 1.75 OD x .25	1
30	01006566	Muffler Accessory Kohler	1
31	01007312	Spacer, .625 OD x .385 ID x 1/2	1
32	01007533	Key, 1/4 x 1/4 x 2.75	1
33	01008623	Exhaust Pipe	1
34	754-04212	Belt, 50.125 Lg	1
35	02003421	Throttle, Control Cable	1
36	02003423	Choke, Control Cable	1
37	02004075	Engine Idler Arm Assembly Includes:	1
	01000308	Bearing	2
38	02004926	Retainer Clutch Assembly	1
39	02005077	Flat Pulley with Flanges	1
40	02005089	Engine, 23HP Kohler	1
41	02005526	Carriage Bolt, 3/8-16 x 2.25	1
42	712-04063	Nut, 5/16-18, Flangelock	5

Note: Engine Oil 15w40

25HP Kohler Engine Assembly - Figure 16



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

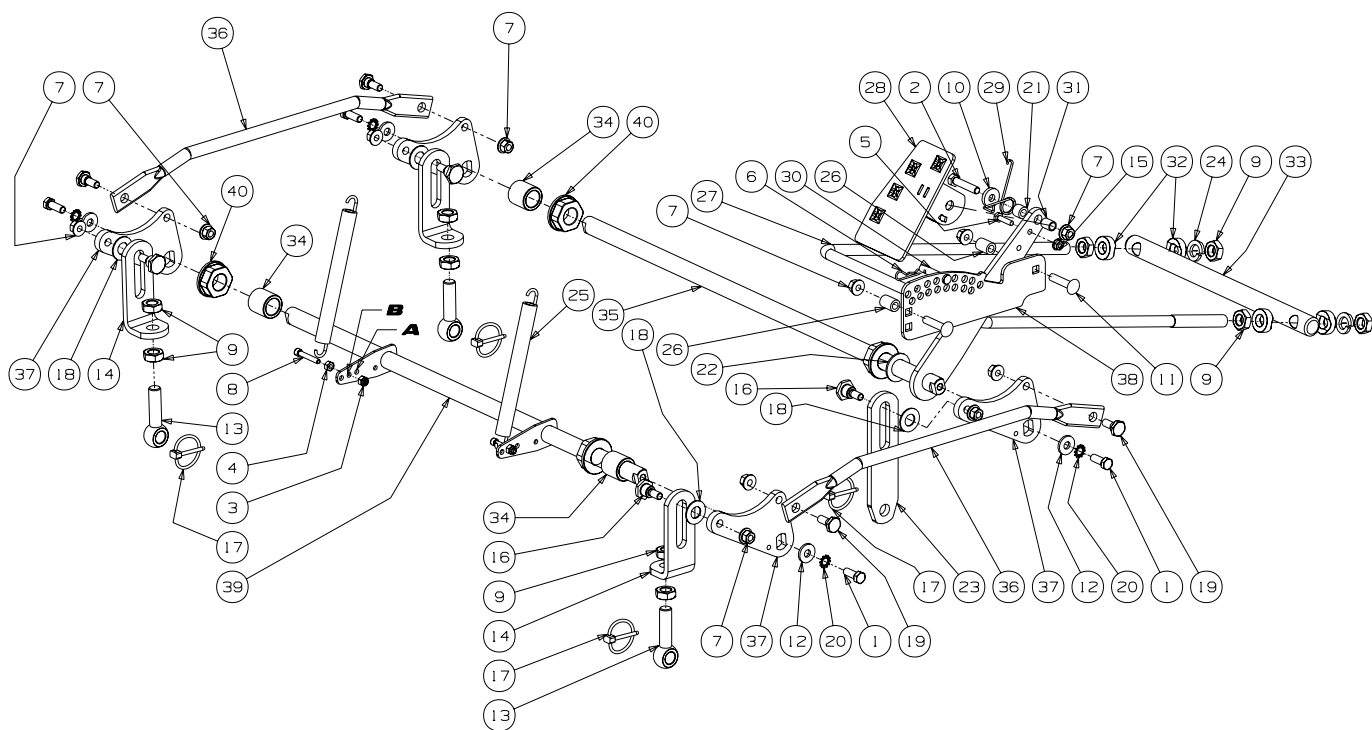
GD: 02004248-03/04/08

25HP Kohler Engine Assembly - Parts List for Figure 16

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	00006168	Flat Washer, 3/8 zinc	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	00021975	Idler Pulley	1
10	00022560	Flange Lock, Hex Nut, 3/8-16	3
11	00060056	Nut Washer, W/Star, 8-32	2
12	00060078	Grease Fitting, 1/4-28 x 3/16	1
13	01000199	Spring Extension, 1.0 OD x 5.00S	1
14	01000302	Shoulder Screw, 7/16-14	1
15	01000364	Hex Carriage Screw, 3/8-16, 1.75	1
16	01000389	Lock Washer, 7/16	2
17	01000635	Hexflange Lock Nut, 5/16-18	2
18	01000721	Machine Screw, 8-32, .375	2
19	01000723	Flat Washer, .406 ID, 1.0 OD, .105	1
20	01000728	Clip, Heat Shield Cable	1
21	01000811	Screw, #8-32 x 0.375	2
22	01001395	Capscrew, 7/16-20 x 2.50	1
23	01001979	Clutch Brake, 1.125 ID	1
24	01002601	Hex Cap Screw, 3/8-16, .750	1
25	01002880	Pump Drive Pulley	1
26	01003269	Flat Washer, 7/16 ID x 1.75 OD x .25	1
27	01003283	Oil Drain Hose	1
28	01004004	Control Throttle Knob	2
29	01005314	Flat Washer, 7/16 ID x 1.75 OD x .25	1
30	01006566	Muffler Accessory Kohler	1
31	01007312	Spacer, .625 OD x .385 ID x 1/2	1
32	01007533	Key, 1/4 x 1/4 x 2.75	1
33	01008623	Exhaust Pipe	1
34	754-04212	Belt, 50.125 Lg	1
35	02003421	Throttle, Control Cable	1
36	02003423	Choke, Control Cable	1
37	02004075	Engine Idler Arm Assembly Includes:	1
	01000308	Bearing	2
38	02004246	Engine, 25HP Kohler	1
39	02004926	Retainer Clutch Assembly	1
40	02005077	Flat Pulley with Flanges	1
41	02005526	Carriage Bolt, 3/8-16 x 2.25	1
42	712-04063	Nut, 5/16-18, Flangelock	5

Note: Engine Oil 15w40

Lift Assembly - Figure 17

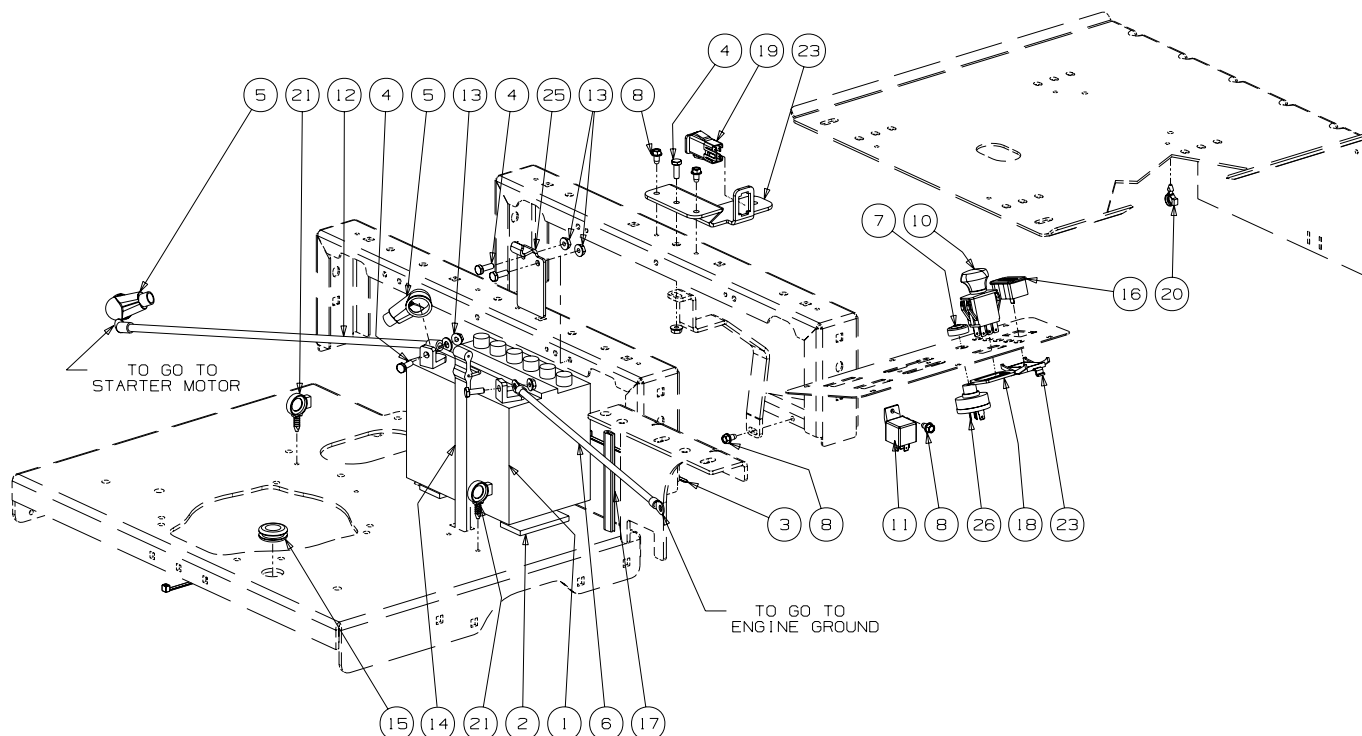


GD: 02004370-01/24/08

Lift Assembly - Parts List for Figure 17

Ref. No.	Part No.	Description	Qty.
1	00006144	Hex Cap Screw, 3/8-16 x 1.00	4
2	00008495	Hex Cap Screw, 3/8-16 x 1-3/4	1
3	00012152	Lock Nut w/Nylon Insert	2
4	00013291	Nut, 1/4-20	2
5	00013416	Hex Cap Screw, 1/4-20 x 1.00	1
6	00021956	Hair Pin	1
7	00022560	Hex Nut, Flange Lock, 3/8-16	11
8	00031672	Socket Head Cap Screw, 1/4-20 x 1-1/2	2
9	00035632	Jam Nut, 5/8-11	10
10	00083192	Idler Washer	1
11	01002011	Hex Carriage Screw, 3/8-16, 2.00	2
12	01000723	Flat Washer, .406 ID x 1.0 OD x .105	4
13	01001744	Eye Bolt, 5/8ID	3
14	01001746	Eye Bolt Mount Link, 5/8 ID	3
15	01002766	Hex Flange Lock Nut, 1/4-20	1
16	01003535	Shoulder Screw, 0.625 OD x .437 Lg.	4
17	01003993	Linch Pin, 3/16 Dia.	4
18	01004003	Nylon Flat Washer, 5/8	4
19	01004118	Shoulder Screw, .50 x .27 Lg., 3/8-16	4
20	01005851	External Washer, 3/8	4
21	01007312	Spacer, .625 OD x .385 ID x 1/2	1
22	01009897	Flat Washer, .890 x 1.50 x .093	1
23	02000561	Deck Link	1
24	02000671	Lock Washer, 5/8	2
25	02002629	Extension Spring, 8.246 x .75 x .135	2
26	01002772	Spacer, .375 ID x .50 OD x 1.02	2
27	02002879	Front Lift Rod	1
28	02002880	Foot Pedal Assembly	1
29	02002882	Foot Lift Torsion Spring	1
30	02002907	Clevis Pin, .375 x 1.89 x 2.125	1
31	02003436	Spacer, .380 ID x .500 OD x .605	1
32	02003751	Spacer, .635 ID x 1.188 OD x .406	4
33	02004227	Trail Link Pivot Rod	1
34	02004409	Spacer, .889 x 1.25 x 1.25	3
35	02004436	Front Shaft Assembly	1
36	02004443	Deck Link	2
37	02004911	Bellcrank Lift Weldment Assembly	4
38	02004912	Index Plate	1
39	02004929	Rear Shaft Assembly	1
40	02004927	Flange Bearing, 1.5 Hex, 7/8 ID	4

Electrical Assembly Kohler - Figure 18 and Parts List

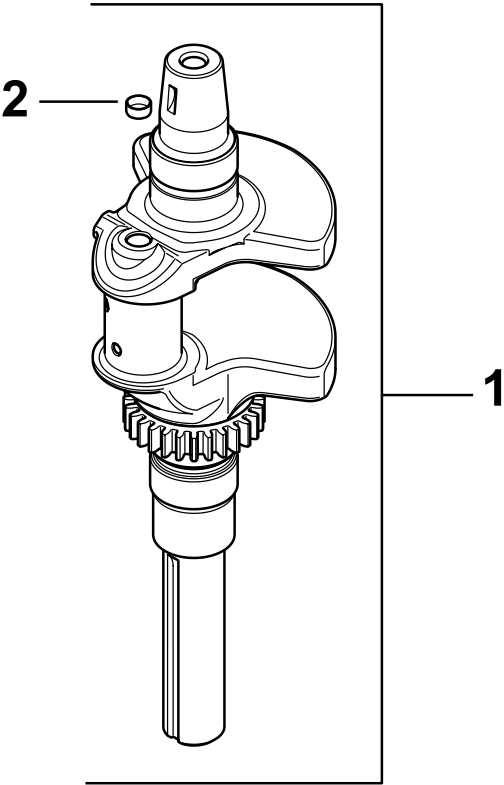


Fasten relay (01002251) with self-tapping screw (01000628) on LH control panel shown in Fig. 7.

GD: 02004440-01/04/08

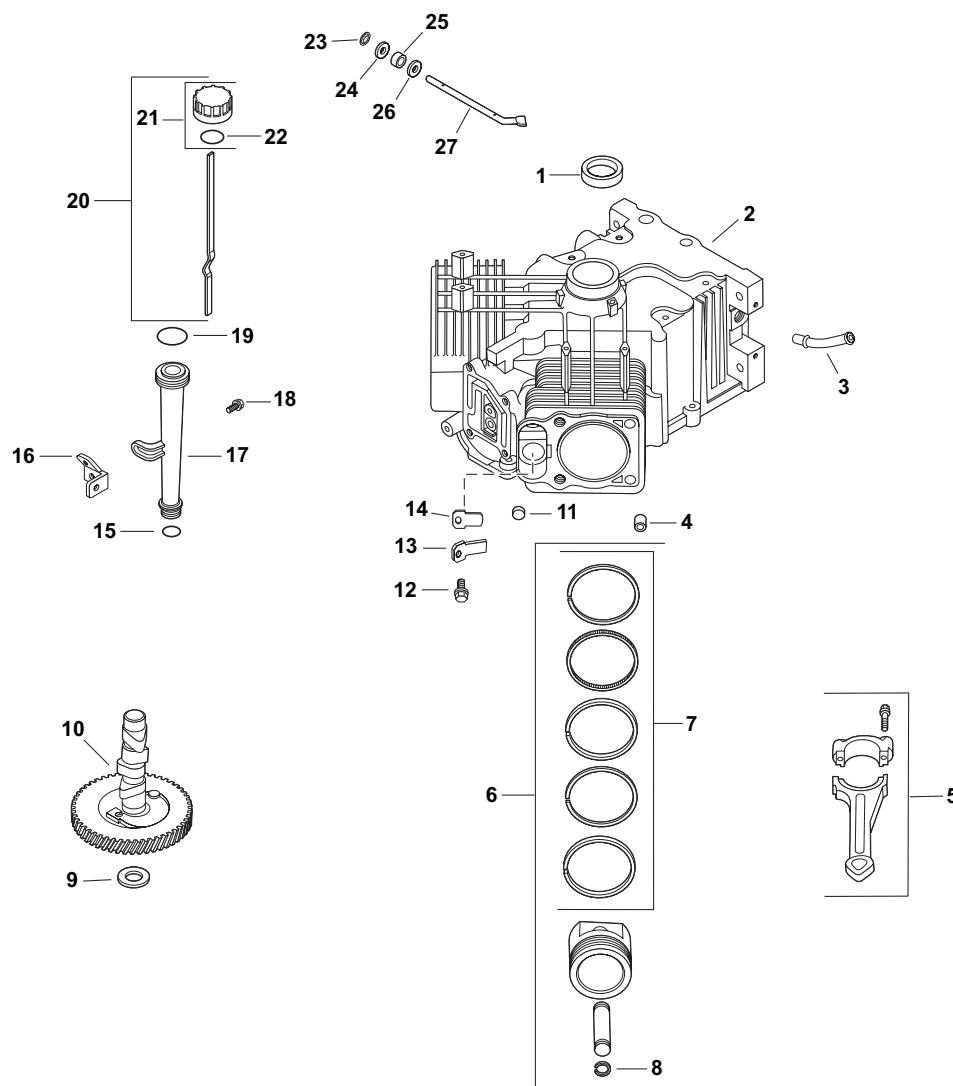
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00012032	Battery, 12V 225CCA 30 Min	1	15	01004040	Grommet, .75 ID	1
2	00012038	Rubber Pad, .25 x 1.50 x 3.00	2	16	01005389	Meter, Hour includes:	1
3	00012470	Tie, Cable, 3/16 x .05 x 7.4"	5		02004259	Clip	1
4	00013131	Screw, Hex, Cap, 1/4-20 x .75	5	17	01008572	Battery Edge Trim	1
5	00013258	Boot, 1" OD Rubber Battery-PST, Red	2	18	01009905	Bracket, PTO Switch Retainer	1
6	00024233	Cable, Battery, Black, 17"	1	19	02000024	Switch, Safety N.O./N.C.	1
7	00032097	Nut, W/Cap, 5/8-32 Ignition	1	20	02003038	Electrical Conduit Clip, 3/8	1
8	01000628	Self Tapping Screw, 1/4-20 x 1/2	4	21	02003775	Electrical Conduit Clip, 5/8	2
9	01001811	Hourmeter, Harness (not shown)	1	22	02003780	Harness Adaptor (not shown)	1
10	01002111	Switch, Electric, PTO	1	23	02004382	Lapbar/Brake Control Mounting Bracket	1
11	01002251	Relay, 12V 40A	1	24	02004389	Harness Assembly (not shown)	1
12	01002252	Cable, Battery, Red, 24"	1	25	02004931	Stop Bracket	1
13	01002766	Hex Flange Lock Nut, 1/4-20	5	26	01003581	Switch, Ignition, 6 Pin includes:	1
14	723-3064	Strap, Battery	1		725-1341B	Key	1

CV23S 23HP Crankshaft - Figure 19 and Parts List



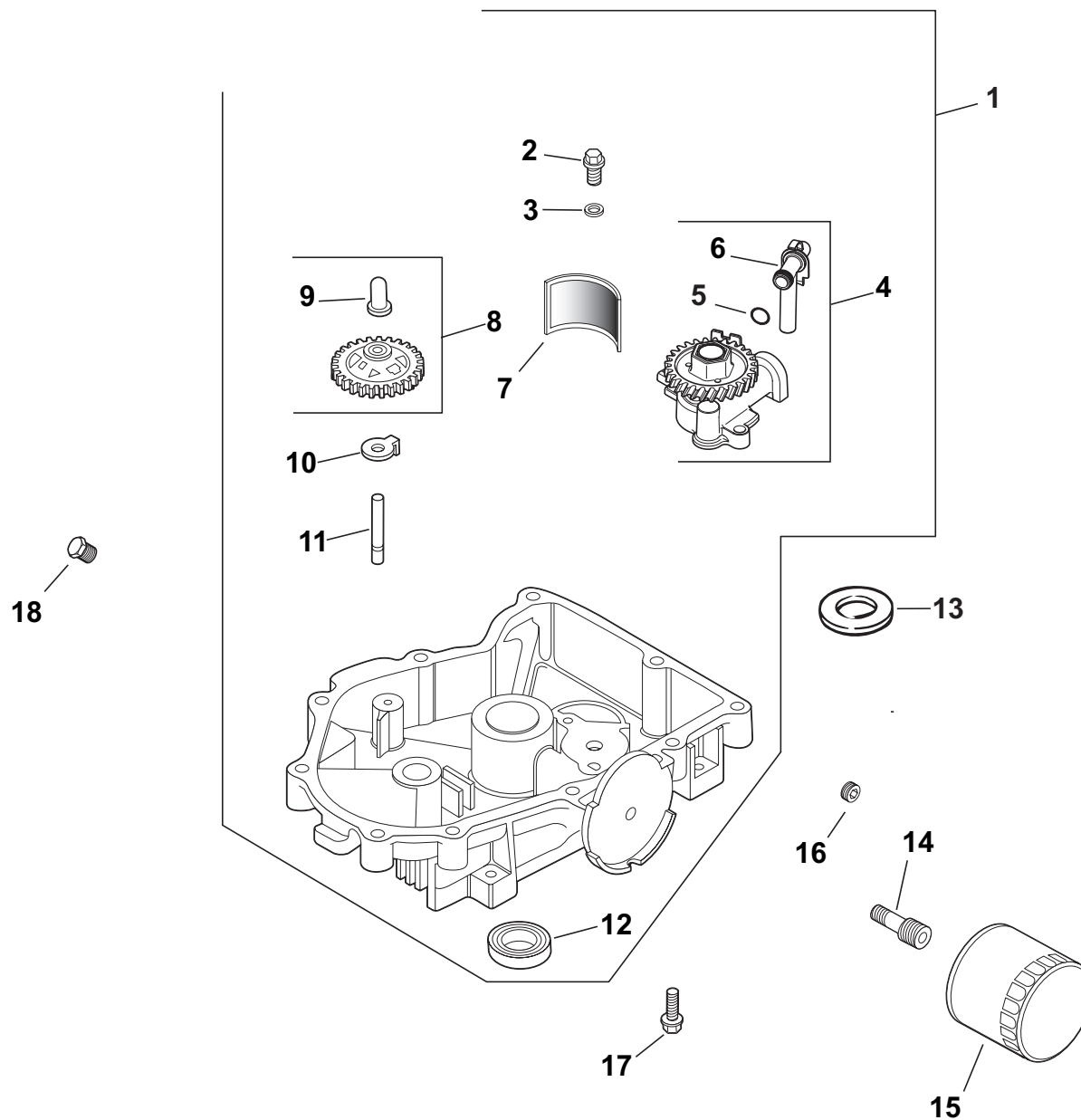
Ref. No.	Part No.	Description	Qty.
1	KH-24-014-44	Crankshaft (Includes 2)	1
2	KH-52-139-09-S	Plug, Cup	1

CV23S 23HP Crankcase- Figure 20 and Parts List

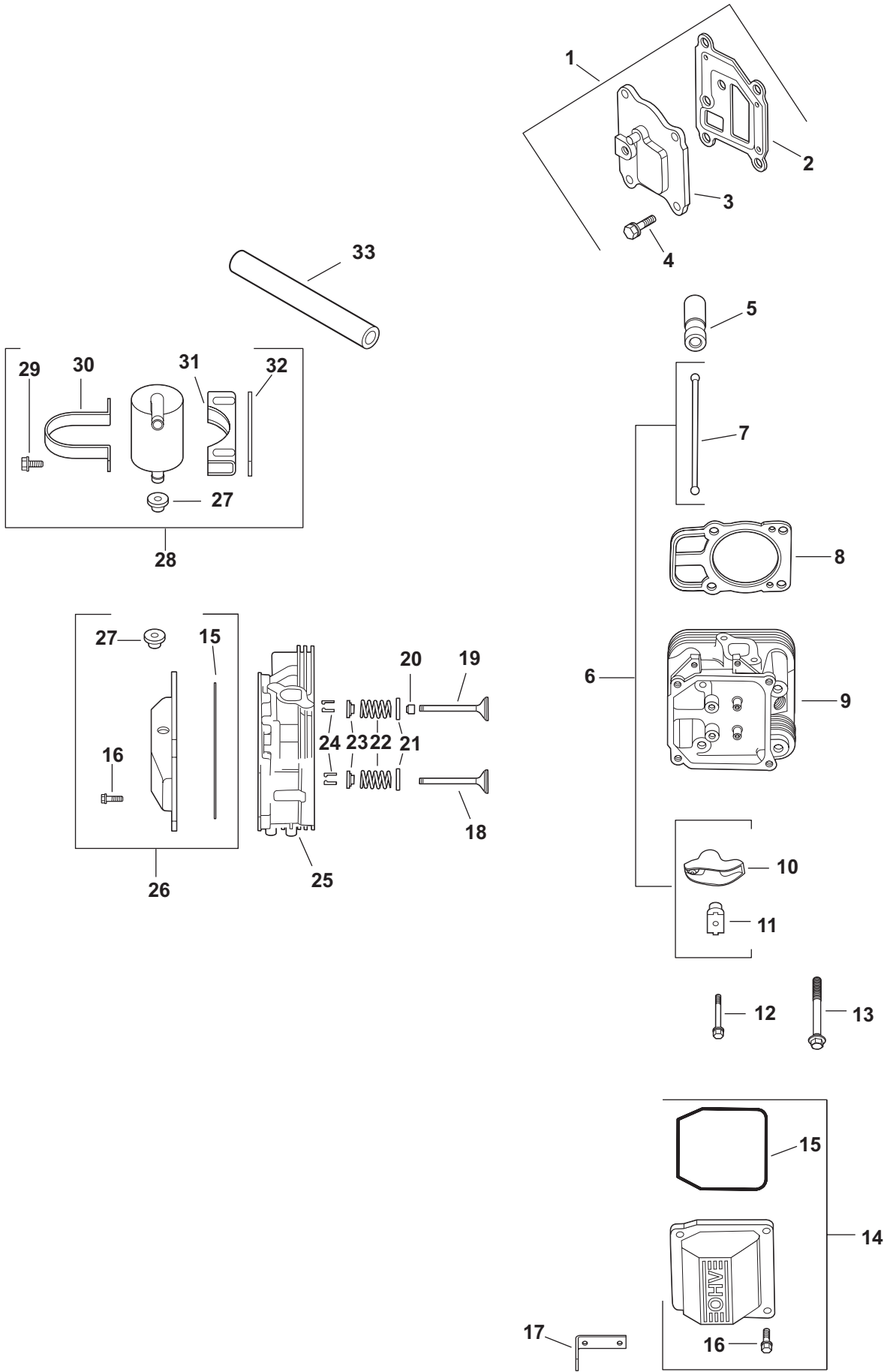


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-24-032-19-S	Seal, Oil	1	10	KH-24-012-10-S	Kit, Camshaft (Includes Lubricant)	1
2		Crankcase (use: Sortblock KH-24-522-393 or Mini Block KH-24-782-14)	1	11	KH-52-139-09-S	Plug, Cup	1
3	KH-24-294-13	Fitting	1	12	KH-M-545010	Screw, Flg Thd Frm M5x0.8x10	2
4	KH-24-380-16-S	Pin, Locating	6	13	KH-24-018-04-S	Retainer, Breather Reed	2
5	KH-24-067-24-S	Connecting Rod (STD)	2	14	KH-24-402-05-S	Reed, Breather	2
	KH-24-067-25-S	Connecting Rod (.25)	2	15	KH-12-153-01-S	O-Ring, Lower Oil Fill Tube	1
6	KH-24-874-34-S	Kit, Piston w/ Ring (STD) (Includes 7, 8)	2	16	KH-24-126-19	Bracket, Oil Fill Tube	1
	KH-24-874-35-S	Kit, Piston w/ Ring (.08)	2	17	KH-12-123-35-S	Tube, Oil Fill Assembly	1
	KH-24-874-36-S	Kit, Piston w/ Ring (.25)	2	18	KH-M-545016-S	Screw, Flg Thd Frm M5x0.8x16	1
	KH-24-874-37-S	Kit, Piston w/ Ring (.50)	2	19	KH-12-153-02-S	O-Ring, Upper Oil Fill Tube	1
7	KH-24-108-18-S	Ring Set, Piston (STD)	2	20	KH-24-038-04-S	Dipstick, Assy (Includes 21, 22)	1
	KH-24-108-19-S	Ring Set, Piston (.08)	2	21	KH-24-755-46	Kit, Oil Fill Cap (Includes 22)	1
	KH-24-108-20-S	Ring Set, Piston (.25)	2	22	KH-25-153-02-S	O-Ring, Dipstick	1
	KH-24-108-21-S	Ring Set, Piston (.50)	2	23	KH-24-018-09-S	Retainer Ring	1
8	KH-24-018-01-S	Retainer, Piston Pin	4	24	KH-M-931010-S	Washer, Flat 9MM	1
9	KH-12-422-09-S	Shim, Camshaft (Red .032)	AR	25	KH-28-032-09-S	Seal, Governor Cross Shaft	1
	KH-12-422-13-S	Shim, Camshaft (Black .04)	AR	26	KH-24-468-15-S	Washer, Flat 1/4" (Bottom)	1
	KH-12-422-07-S	Shim, Camshaft (White .028)	AR	27	KH-24-144-38-S	Shaft, Governor Cross	1
	KH-12-422-08-S	Shim, Camshaft (Blue .03)	AR		KH-25-357-14-S	Lubricant, Camshaft (not shown)	
	KH-12-422-10-S	Shim, Camshaft (Yellow .034)	AR				
	KH-12-422-11-S	Shim, Camshaft (Green .036)	AR				
	KH-12-422-12-S	Shim, Camshaft (Gray .038)	AR				

CV23S 23HP Oil Pan/Lubrication- Figure 21 and Parts List



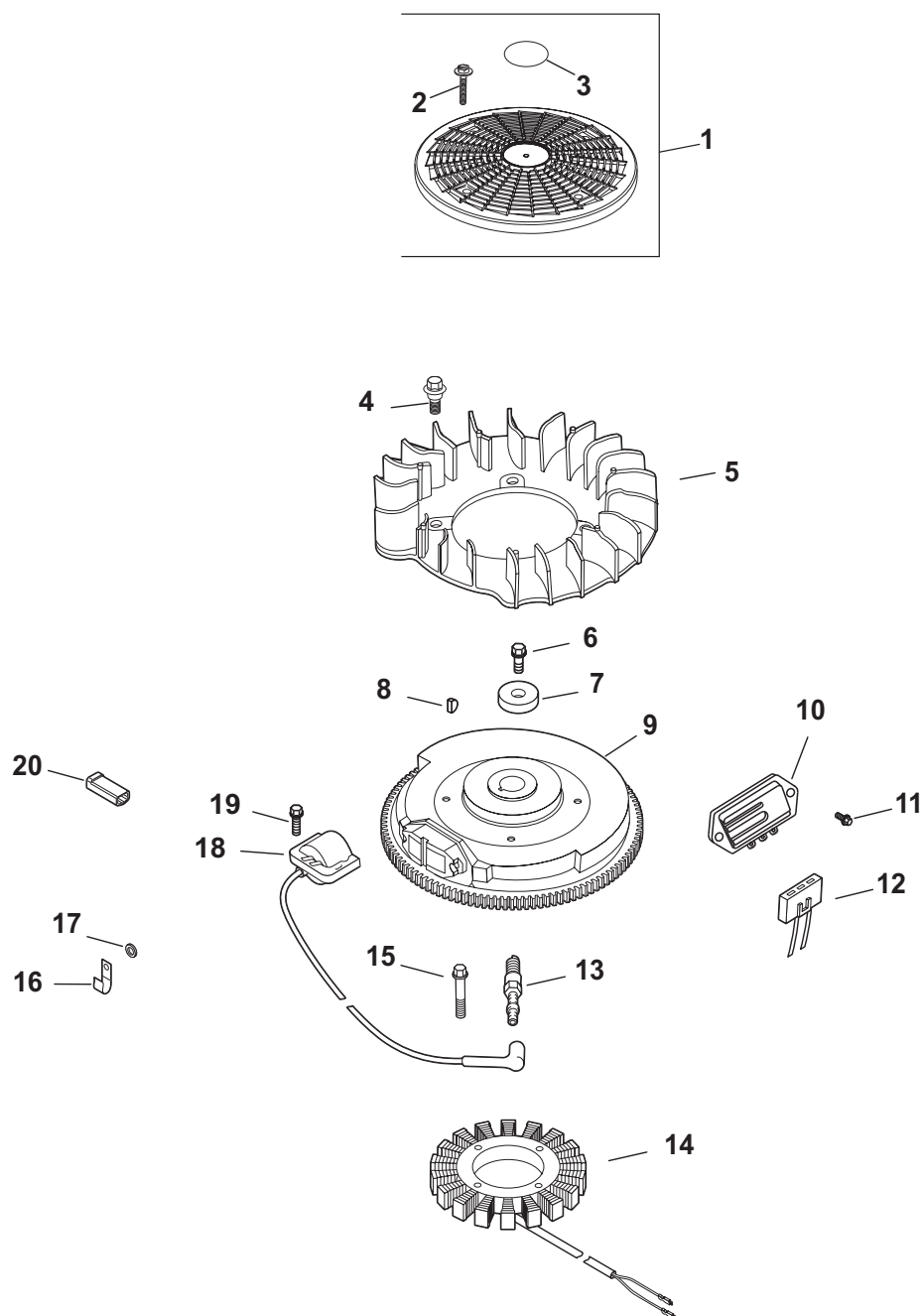
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-24-199-24-S	Pan, Oil Assembly (Includes 2-12)	1	10	KH-24-448-02-S	Tab, Locking	1
2	KH-M-645025-S	Screw, SHD THD FRM M6 x 1.0 x 25	2	11	KH-12-144-02	Shaft, Governor Gear	1
3	KH-M-631005	Washer, Flat 6MM	2	12	KH-25-032-06-S	Seal, Oil	1
4	KH-24-393-51-S	Kit, Oil Pump Assembly (Includes 5, 6)	1	13	KH-24-153-08	O-Ring	1
5	KH-24-153-01	O-Ring, Oil Pick-Up	1	14	KH-24-136-01	Nipple, Oil Filter	1
6	KH-24-381-11-S	Tube, Oil Pick Up	1	15	KH-12-050-01-S	Filter, Oil	1
7	KH-24-162-26-S	Screen, Oil	1	16	KH-25-139-62-S	Plug, Pipe CTSK 3/8"	1
8	KH-24-043-12	Kit, Governor Gear w/ Pin (Includes 9)	1	17	KH-24-086-17-S	Screw, Flg M8 x 1.25 x 45	10
9	KH-12-380-01	Pin, Governor Regulating	1	18	KH-52-139-02	Plug, Hd Pipe 3/8"	1



CV23S 23HP Head/Valve/Breather- Parts List for Figure 22

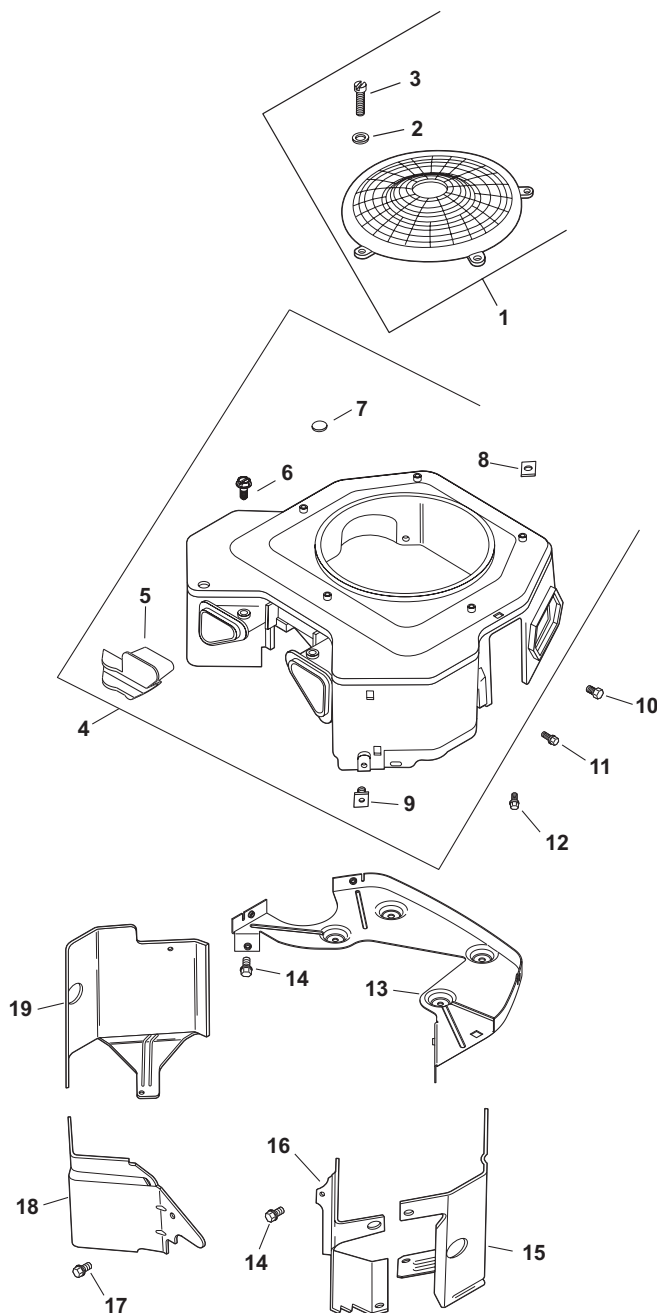
Ref. No.	Part No.	Description	Qty.
1	KH-24-033-03	KIT, BREATHER COVER W/GASKET (INCLUDES 2-4)	1
2	KH-24-041-51-S	GASKET, BREATHER	1
3	KH-24-096-87-S	COVER, BREATHER	1
4	KH-M-645020-S	SCREW, FLG THD FRM M6X1.0X20	4
5	KH-25-351-04-S	KIT, HYDRAULIC VAVLE LIFTER	4
6	KH-24-755-66	KIT, VALVE TRAIN (INCLUDES 7, 10, 11)	1
7	KH-24-411-05	ROD, PUSH	4
8	KH-24-841-02-S	KIT, GASKET CYLINDER HEAD	2
9	KH-24-318-70-S	KIT, HEAD #2	1
10	KH-25-186-01	ARM, ROCKER	4
11	KH-24-599-02-S	PIVOT, ROCKER ARM	4
12	KH-M-640034-S	SCREW, FLG M6X1.0X34	4
13	KH-12-086-16	SCREW, FLG M10X1.5X90	8
14	KH-24-755-141-S	KIT, VALVE COVER-PLAIN (INCLUDES 15,16)	1
15	KH-24-153-30-S	O-RING, VALVE COVER	2
16	KH-M-651030-S	SCREW, FLG M6X1.0X30	8
17	KH-25-445-01-S	STRAP, LIFTING	1
18	KH-24-016-01	VALVE, EXHAUST (STD)	2
	KH-24-016-02	VALVE, EXHAUST (.25)	2
19	KH-24-017-01	VALVE, INTAKE (STD)	2
	KH-24-017-02	VALVE, INTAKE (.25)	2
20	KH-66-032-05-S	SEAL, VALVE STEM	2
21	KH-235011-S	RETAINER, SPRING	4
22	KH-24-089-02	SPRING, VALVE	4
23	KH-12-173-01	CAP, VALVE SPRING	4
24	KH-12-755-03	KIT, RETAINER	4
25	KH-24-318-67-S	KIT, HEAD #1	1
26	KH-24-755-142-S	KIT, VALVE COVER BREATHER (INCLUDES 15, 16, 27)	1
27	KH-25-313-03-S	GROMMET, RUBBER	1
28	KH-24-755-57-S	KIT, BREATHER SEPERATOR (INCLUDES 27, 29-32)	1
29	KH-M-545016-S	SCREW, FLG THD FRM M5X0.8X16	2
30	KH-24-445-02-S	STRAP, BREATHER	1
31	KH-24-126-44	BRACKET, BREATHER SEPERATOR	1
32	KH-24-112-12	SPACER	1
33	KH-24-326-54-S	HOSE, BREATHER	1
	KH-24-755-147-S	KIT, CYLINDER HEAD HARDWARE (Not Shown) (SERVICES 1 HEAD. QUANTITIES LISTED ARE FOR BOTH HEADS) (INCLUDES 7, 10-12, 18-24))	2

CV23S 23HP Ignition/Electrical- Figure 23 and Parts List



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-54-755-15	Kit, Grass Screen (Includes 2, 3)	1	14	KH-237878	Kit, 15 Amp Stator (Includes KH-25 452 01-S)	1
2	KH-25-086-117-S	Screw, Flg Sems M4 x 0.7 x 25	4	15	KH-M-548025-S	Screw, THD FRM M5 x 0.8 x 25	2
3	KH-24-113-18-S	Decal, Grass Screen	1	16	KH-235173	Clip, Cable	1
4	KH-25-086-47	Bolt, Shoulder	4	17	KH-X-25-63	Washer, Flat, 1/4"	1
5	KH-24-157-12-S	Fan	1	18	KH-24-584-45-S	Kit, Module, Ignition (CDI Fixed)	2
6	KH-12-086-14	Screw, FLG M10X1.5X45	1	19	KH-M-545020-S	Screw, FLG THD FRM M5 x 0.8 x 20	4
7	KH-12-468-03	Washer, Flat 13/32"	1	20	KH-277563	Connector (1 Contact)	1
8	KH-X-42-15	Key, 3/16" x 5/8"	1		KH-24-126-137-S	Bracket, Ground Strap (not shown)	1
9	KH-24-025-55-S	Flywheel	1		KH-24-176-112-S	Harness, Wiring (not shown)	1
10	KH-41-403-09	Rectifier-Regulator	1		KH-24-176-41	Lead, Duplex (not shown)	1
11	KH-25-086-157-S	Screw, Hex Flange Hi-Lo	2		KH-25-454-07-S	Tie (not shown)	2
12	KH-236602-S	Connector (3 Contact)	1		KH-25-518-34-S	Lead (not shown)	1
13	KH-12-132-02	Plug, Spark	2		KH-25-452-01-S	Terminal (not shown)	2

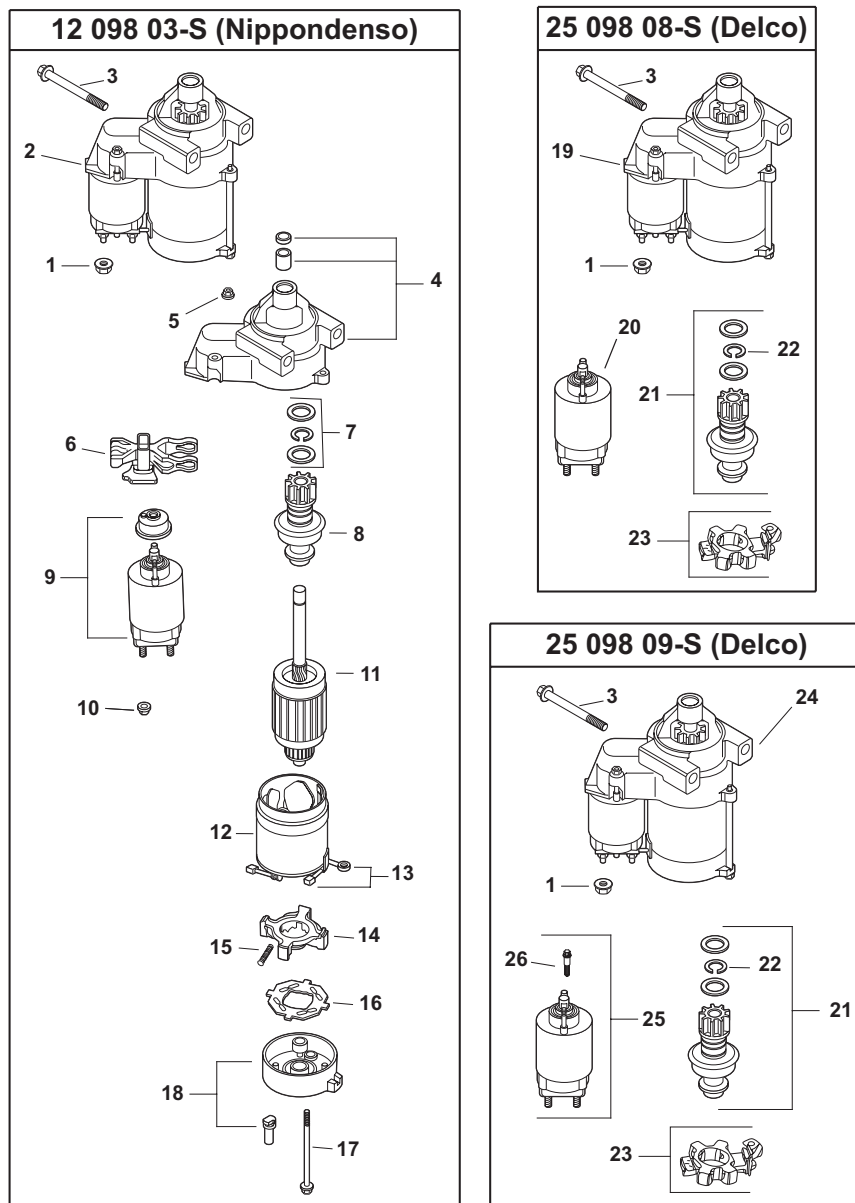
CV23S 23HP Blower Housing & Baffles- Figure 24 and Parts List



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-24-755-81-S	Kit, Fixed Guard (Includes 2, 3, decal & insert)	1	15	KH-24-063-88-S	Kit, Cyl Baffle -#2 Side	1
2	KH-24-468-10	Washer, Flat 7/32	5	16	KH-24-063-69-S	Baffle, Valley-#2 Side	1
3	KH-24-086-35-S	Screw, LBD SCKT Pan M5x0.8x10	5	17	KH-M-545010	Screw, Flg Thd Frm M5 x .8 x 10	2
4	KH-24-027-196-S	Kit, Blower Housing Assembly (Includes 5-9, nameplate & insert)	1	18	KH-24-063-60-S	Baffle, Valley #1 Side	1
5	KH-24-096-85-S	Cover, Blower Housing	1	19	KH-24-063-85-S	Kit, Cyl Barrel - #1 Side	1
6	KH-25-086-91-S	Screw, Wsh Hd Tap #8-18 x 1/2"	1		KH-24-086-18	Screw,#11-16x7/8" (not shown)	2
7	KH-25-139-16	Plug, Button 9/16	1		KH-24-112-12	Spacer (not shown)	1
8	KH-24-100-02-S	Nut, Plastic	2		KH-24-126-44	Bracket, Breather Seperator (ns)	1
9	KH-24-100-01	Nut, Plastic	3		KH-24-445-02-S	Strap,Breather (not shown)	1
10	KH-M-561016-S	Screw, FLG THD FRM M5 x .8 x 16	1		KH-24-332-01-S	Insert, Threaded (not shown)	5
11	KH-M-545016-S	Screw, FLG THD FRM M5 x .8 x 16	1		KH-25-086-160-S	Screw, Sems (not shown)	5
12	KH-M-545020-S	Screw, FLG THD FRM M5 x .8 x 20	2		KH-41-037-10-S	Nameplate, Service (not shown)	1
13	KH-24-146-55-S	Kit, Backing Plate	1		KH-24-113-18-S	Decal, Grass Screen (not shown)	1
14	KH-M-645016-S	Screw, FLG THD FRM M6 x 1.0 x 16	6				

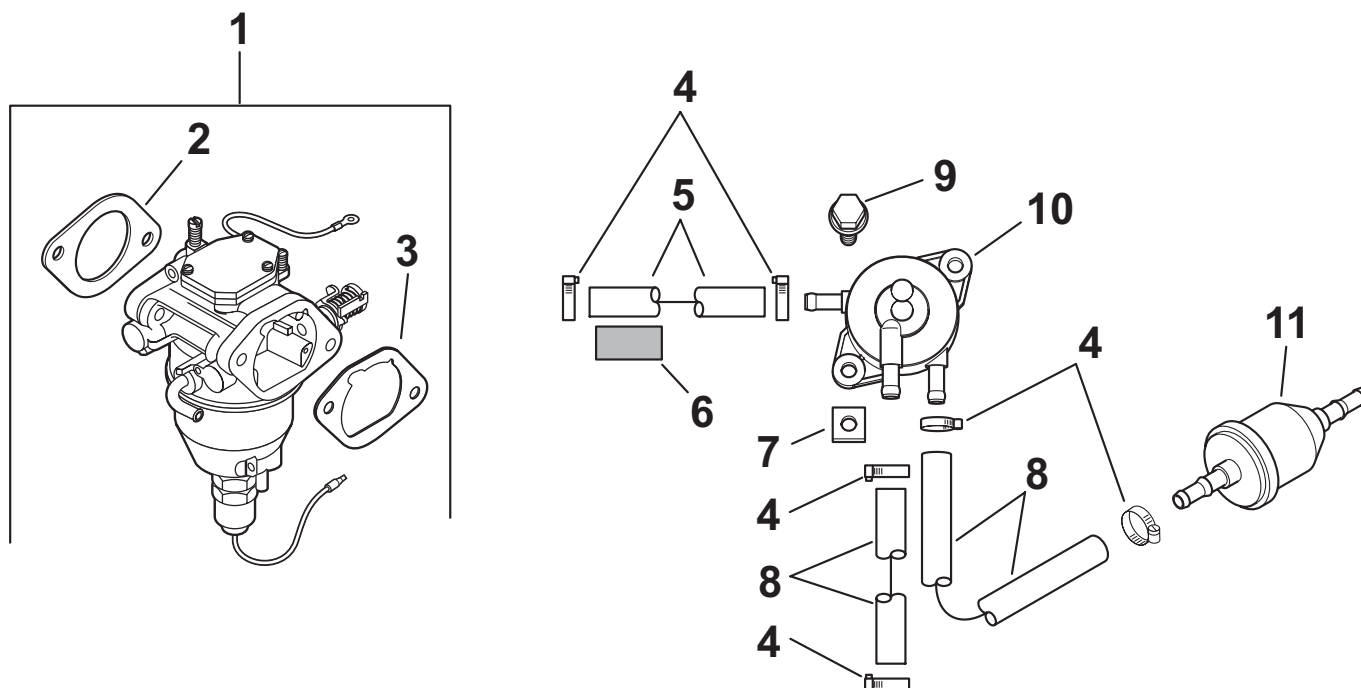
CV23S 23HP Starting System- Figure 25 and Parts List

Service starter components according to the part number printed on the starter. Starter components are NOT interchangeable. To replace complete Starter Assembly, Order Part Number 25 098 09-S.



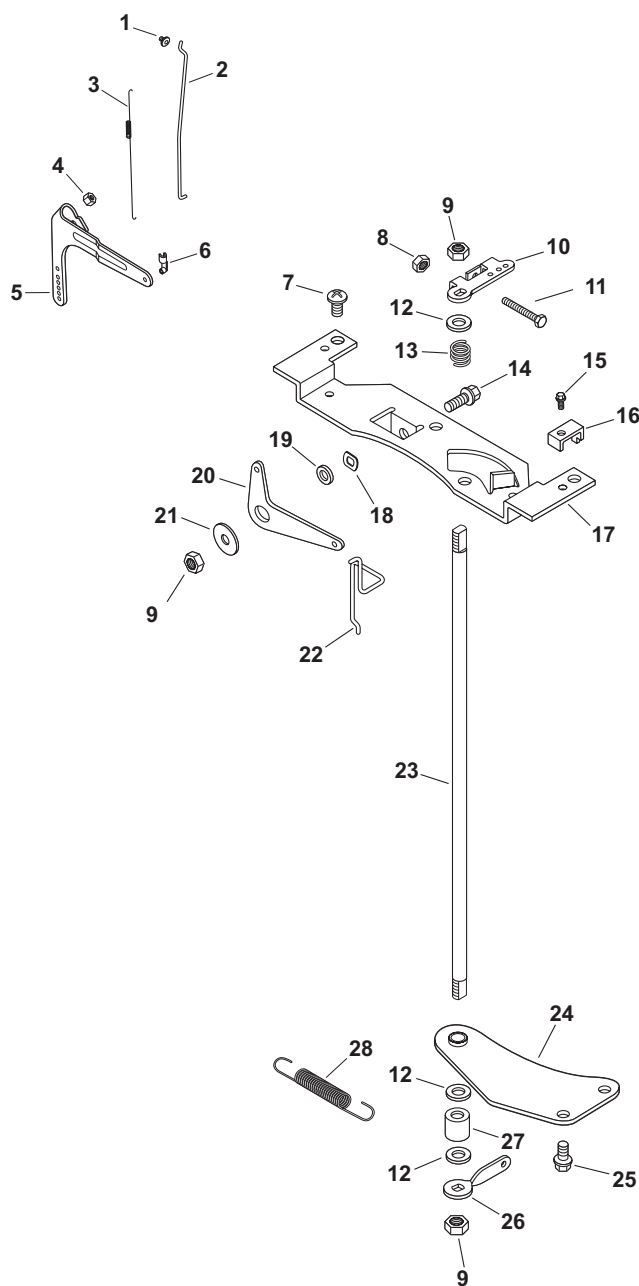
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-M-841080	Nut, Flg M8 x 1.25	1	14	KH-52-323-03	Brush Holder	1
2	KH-25-098-09-S	Starter Assembly, Solenoid Shift	1	15	KH-52-089-09	Spring, Brush	4
3	KH-M-839080	Screw, FLG M8 x 1.25 x 80	2	16	KH-52-168-01	Insulator	1
4	KH-12-081-02-S	Drive, End Cap	1	17	KH-52-211-05	Thru Bolt	2
5	KH-52-100-10	Nut	1	18	KH-12-301-01	Commutator, End Cap	1
6	KH-12-090-10	Lever, Drive	1	19	KH-25-098-08-S	Starter Assy, Solenoid Shift	1
7	KH-24-755-84	Kit, Starter Repair	1	20	KH-25-435-04-S	Solenoid	1
8	KH-12-239-01	Drive Pinion	1	21	KH-25-755-33-S	Kit, Starter Pinion (Includes 22)	1
9	KH-52-435-02	Solenoid	1	22	KH-25-141-05-S	Ring, Retaining	1
10	KH-52-100-09	Nut	2	23	KH-25-221-01-S	Kit, Brush Holder	1
11	KH-12-170-03	Armature	1	24	KH-25-098-09-S	Starter Assy, Solenoid Shift (Includes 21-23,25,26)	1
12	KH-12-471-01	Frame w/Brushes	1	25	KH-25-435-06-S	Kit, Solenoid (Includes 26)	1
13	KH-52-221-01	Brush & Spring Kit (Includes 15)	1	26	KH-25-086-113-S	Screw, External Torx Head	3

CV23S 23HP Fuel System- Figure 26 and Parts List



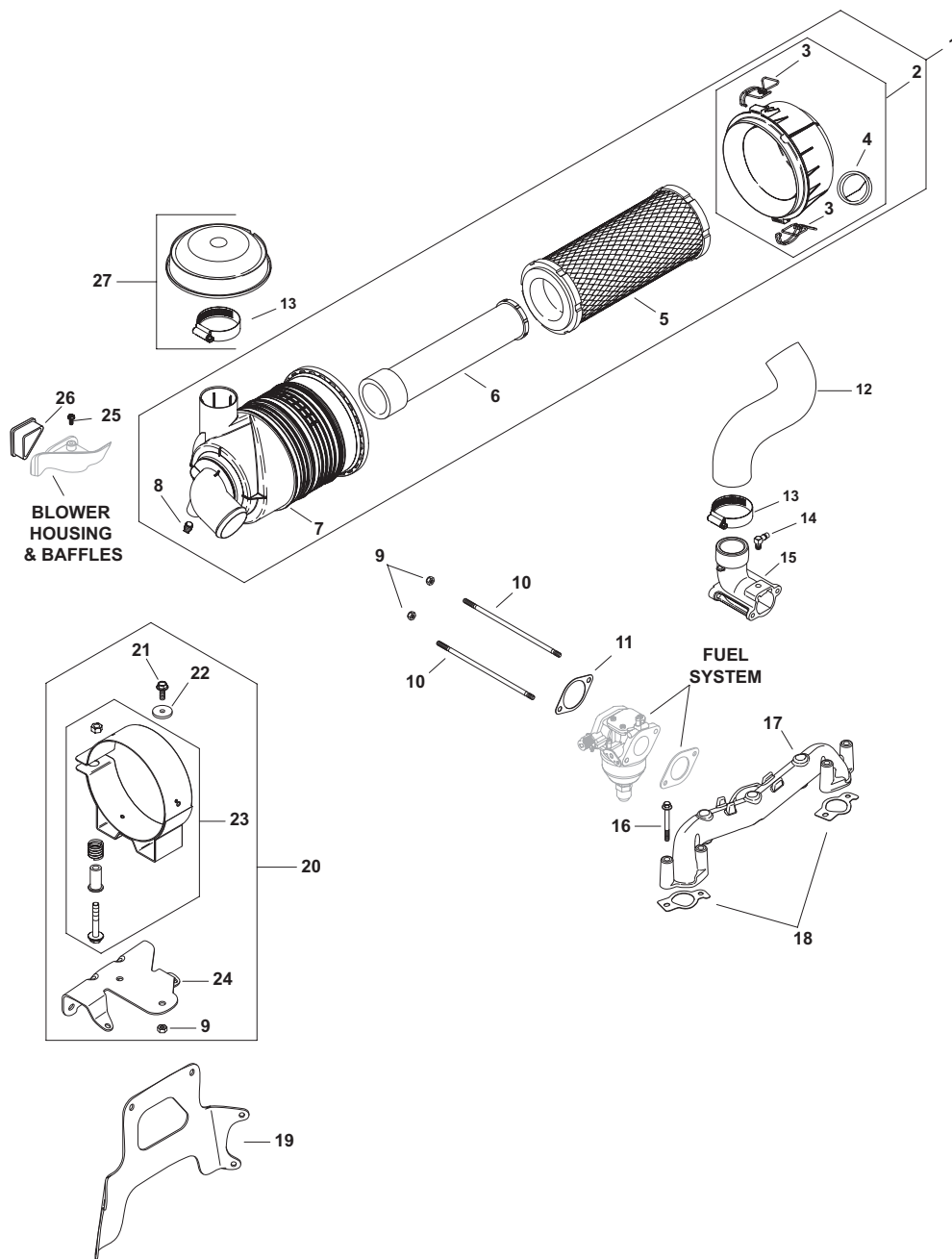
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-24-853-108-S	KIT, CARBURETOR W/GASKETS (INCLUDES 2,3)	1	10	KH-24-393-16	PUMP, FUEL	1
2	KH-24-041-15	GASKET, CARBURETOR	1	11	KH-24-050-13-S	FILTER, FUEL	1
3	KH-24-041-14	GASKET, AIR CLEANER BASE	1		KH-24-757-36-S	KIT, REPAIR SERVICE CHOKE	1
4	KH-25 237 14-S	CLAMP, SPRING HOSE 1/2"	6		KH-24-757-38-S	KIT, REPAIR SERVICE GASKET	1
5	KH-24-353-12	LINE, FUEL 11"	1		KH-24-757-44-S	KIT, REPAIR FLOAT	1
6	KH-24-431-02-S	SLEEVE, INSULATING 14"	1		KH-24-757-45-S	KIT, REPAIR SOLENOID VALVE	1
7	KH-25-100-37-S	NUT, PLASTIC-BLACK	2		KH-24-757-46-S	KIT, REPAIR OVERHAUL	1
8	KH-25 111 34-S	LINE, FUEL (24"-CUT TO LENGTH)	2		KH-24-757-56-S	KIT, ACCELERATOR PUMP	1
9	KH-24-086-12	SCREW, TAP M6X1.7X18	2				

CV23S 23HP Engine Controls- Figure 27 and Parts List



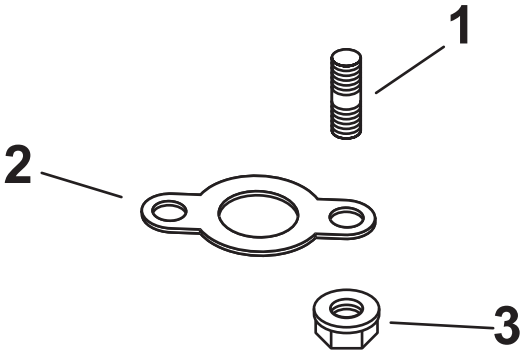
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-25-158-08	Bushing, Lingage Retaining	1	16	KH-12-237-01	Clamp, Cable	2
2	KH-24-079-04	Linkage, Throttle	1	17	KH-24-126-111-S	Bracket, Control	1
3	KH-24-089-01	Spring, Linkage	1	18	KH-277341	Washer, Spring 3/8"	1
4	KH-M-641060-S	Nut, FLG M6 x 1.0	1	19	KH-25-431-01-S	Spacer	1
5	KH-24-090-51-S	Lever, Governor	1	20	KH-24-090-20	Lever, Choke	1
6	KH-25-158-11	Bushing, Throttle Linkage	2	21	KH-X-25-52	Washer, Flat 1/4"	1
7	KH-24-086-06	Screw, Phl Hd 11-16 x 3/4"	2	22	KH-24-079-10	Linkage, Choke	1
8	KH-M-446030-S	Nut, M4 x 0.7	1	23	KH-24-144-11	Shaft, Throttle	1
9	KH-M-647060	Nut, Lock M6 x 1.0	3	24	KH-24-126-162-S	Bracket, Throttle Shaft	1
10	KH-24-090-09	Lever, Throttle Control	1	25	KH-M-645016-S	Screw, Flg Thd Frm M6 x 1.0 x16	1
11	KH-M-401030	Screw, Cap M4 x 0.7 x 30	1	26	KH-24-090-12	Lever, Throttle Control	1
12	KH-X-25-72	Washer, Flat 1/4"	3	27	KH-24-112-10	Spacer	1
13	KH-24-089-20	Spring, Throttle Shaft	1	28	KH-24-089-46-S	Spring, Governor	1
14	KH-M-639016-S	Screw, Flg M6x1.0x16	1		KH-24-211-03-S	Bolt, Rd Hd Sq Neck M6x1.0x25	1
15	KH-M-545016-S	Screw, Flg Thd Frm M5 x 0.8 x 16	2				

CV23S 23HP Air Intake/Filtration- Figure 28 and Parts List



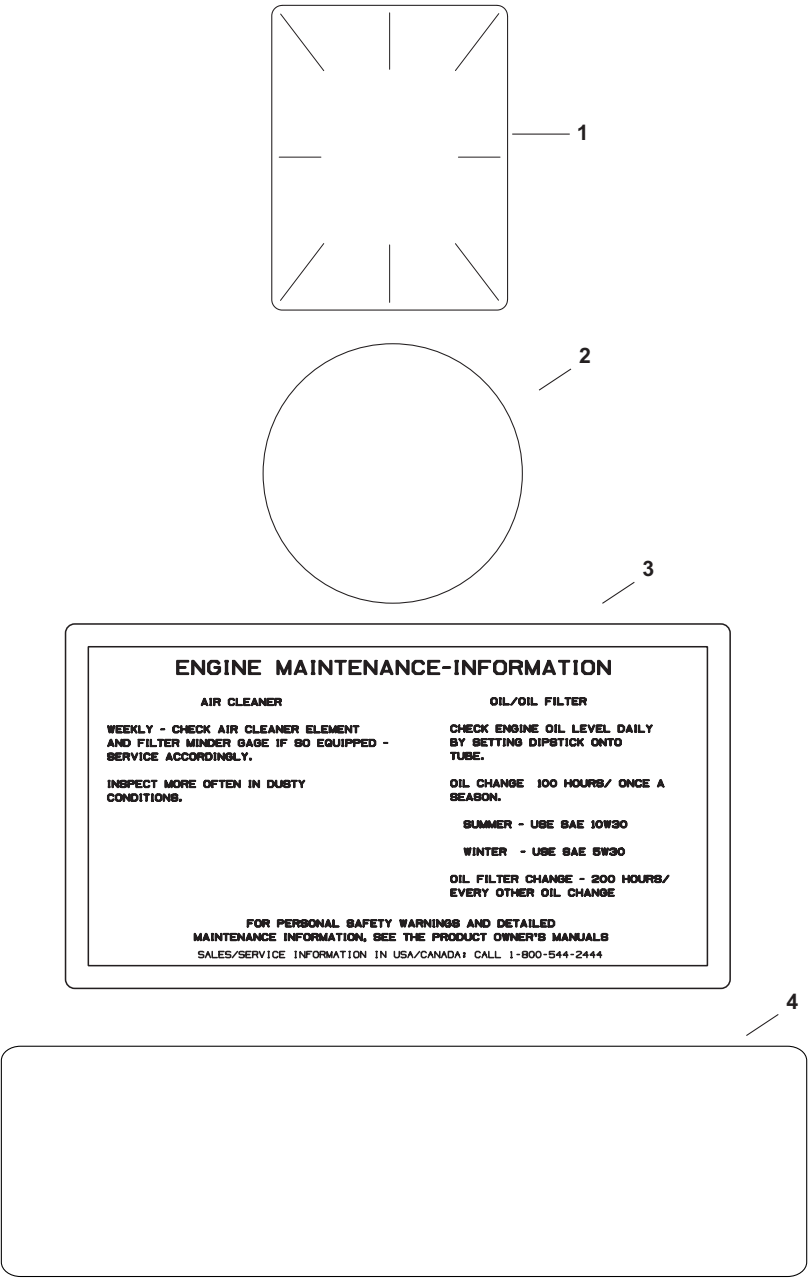
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-25-048-11-S	Cleaner, Air-Canister (Includes 2-8)	1	15	KH-24-054-16-S	Elbow, Air Cleaner	1
2	KH-25-096-06-S	Cover Assembly, Air Cleaner (Includes 3,4)	1	16	KH-25-086-84-S	Screw, Flg M6x1.0x55	4
3	KH-25-154-05-S	Clip	2	17	KH-24-164-06	Manifold, Intake	1
4	KH-24-462-07-S	Valve, Dust Ejector	1	18	KH-24-041-01	Gasket, Intake Manifold	2
5	KH-25-083-01-S	Element, Air Filter-Primary	1	19	KH-24-126-105-S	Bracket, Main Support	1
6	KH-25-083-04-S	Element, Air Filter-Safety	1	20	KH-24-126-166-S	Bracket, Air Cleaner Sub Assy (Includes 9, 21-24)	1
7	KH-25-081-01-S	Housing, HD Air Cleaner	1	21	KH-M-639016-S	Screw, Flg M6x1.0x16	2
8	KH-25-139-20-S	Plug, Pipe	1	22	KH-X-25-73-S	Washer, Flat 1/4"	2
9	KH-M-647060	Nut, Lock M6 x 1.0	2	23	KH-25-126-02-S	Bracket Assy, Air Cleaner	1
10	KH-24-072-10-S	Stud, M6x1.0x180	2	24	KH-24-126-165-S	Bracket, Air Cleaner Mounting	1
11	KH-24-041-14	Gasket, Air Cleaner Base	1	25	KH-25-086-91-S	Screw, Wsh Hd Tap #8-18x1/2"	2
12	KH-24-326-72-S	Hose, Air Cleaner	1	26	KH-24-096-17-S	Cover, Blower Housing	2
13	KH-25-237-07-S	Use KH-25-237-21-S Hose Clamp	1	27	KH-25-324-02-S	Hood, Air Cleaner (Includes 13)	1
14	KH-25-155-38-S	Connector, Hose	1		KH-25-454-04-S	Tie	1

CV23S 23HP Exhaust- Figure 29 and Parts List



Ref. No.	Part No.	Description	Qty.
1	KH-25-072-14-S	Stud, M8 x 1.25 x 33	4
2	KH-24-041-49-S	Gasket, Exhaust	2
3	KH-M-841080	Nut, Flg M8 x 1.25	4

CV23S 23HP Decals- Figure 30 and Parts List



Artwork is representative.
Actual labels may differ depending on model and specification number.

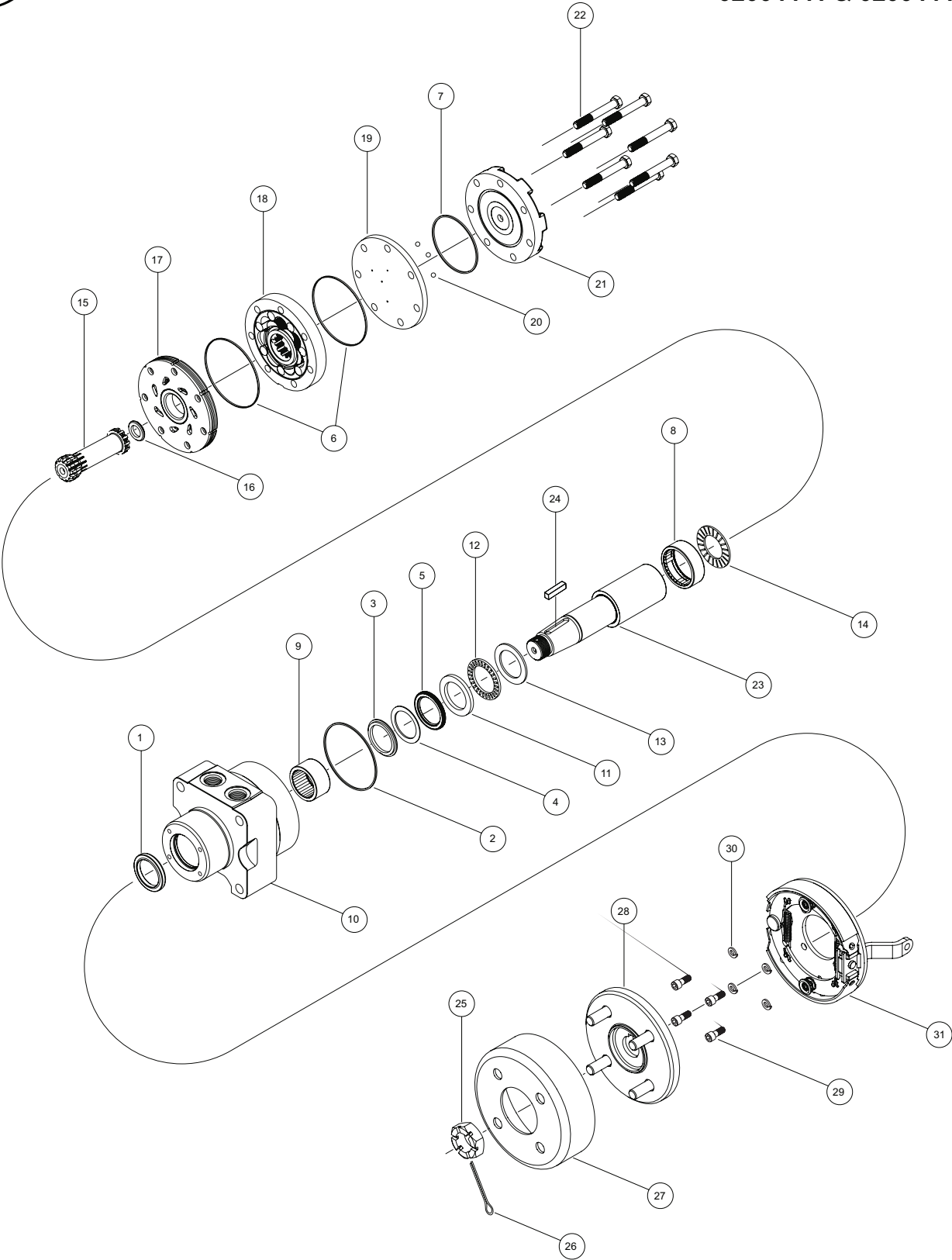
Ref. No.	Part No.	Description	Qty.
1	KH-25-113-39-S	Decal, Clear Laminate	1
2	KH-24-113-18-S	Decal, Grass Screen	1
3	KH-25-113-27-S	Decal, Air Cleaner	1
4	KH-24-113-81-S	Decal, Command 23HP	1

Right Hand and Left Hand Wheel Motors- Figure 31



whitedriveproducts

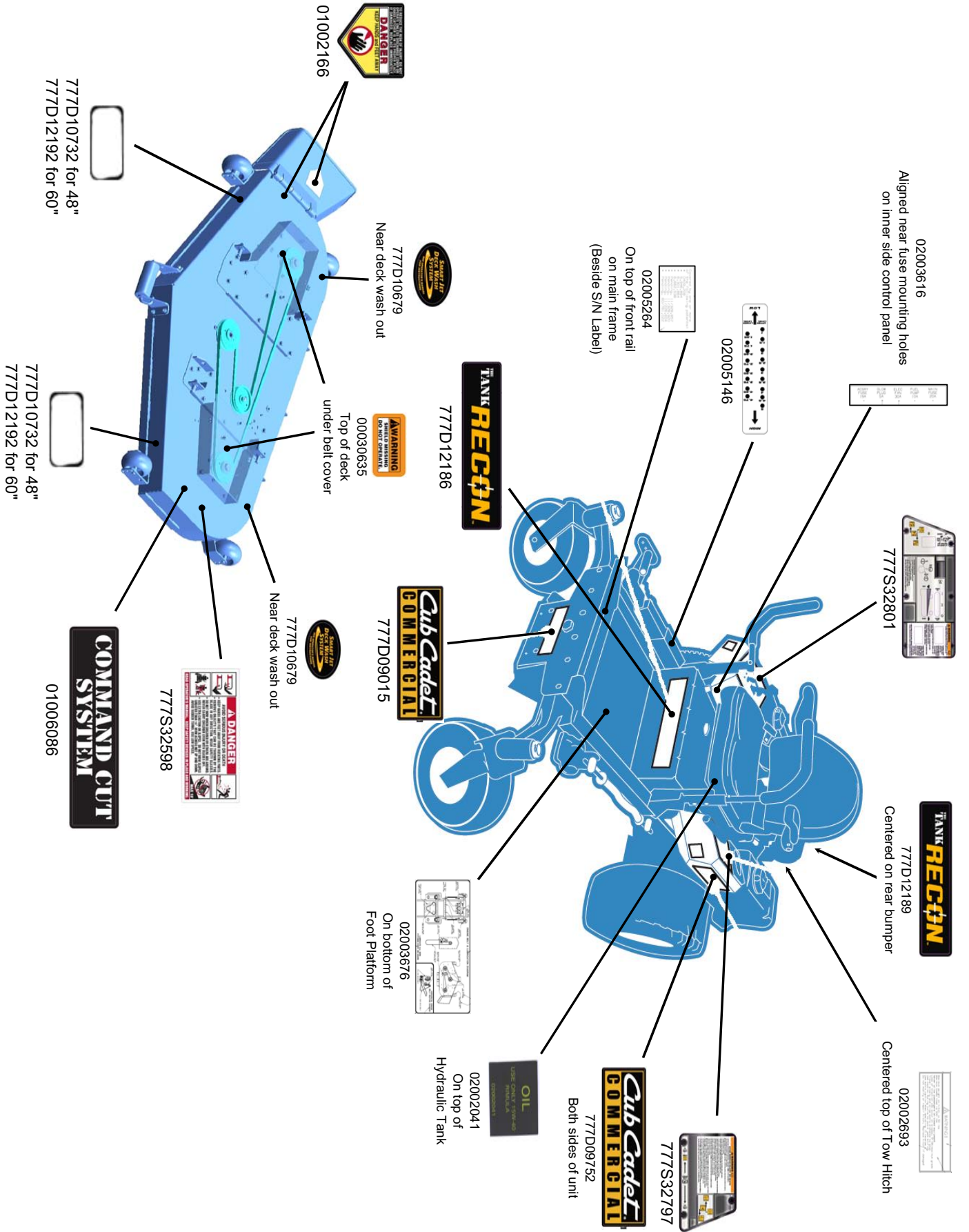
Hydraulic Motor Exploded View
02004441 & 02004442



Right Hand and Left Hand Wheel Motors- Parts List for Figure 31

Ref. No.	Part No.	Description	Qty.
1		Dust Seal	1
2		Housing Seal	1
3		Back Up Ring	1
4		Back Up Seal	1
5		Shaft Seal	1
6		Body Seals	2
7		Endcover Seal	1
8	WH-500444004	Rear Housing Bearing includes (items 1-8)	1
9	WH-530018000	Front Housing Bearing	1
10	WH-530013012	Housing	1
11	WH-500018283	Front Thrust Washer	1
12	WH-500018282	Front Thrust Bearing	1
13	WH-300018002	Thrust Washer	1
14	WH-500018059	Rear Thrust Bearing	1
15	WH-500014009	Drive Link	1
16	WH-500018185	Drive Link Spacer	1
17	WH-500015006	Manifold	1
18	WH-500147002	Rotor Set	1
19	WH-500012001	Balance Plate	1
20	WH-500018048	Steel Balls	3
21	WH-500016001	Endcover	1
22	WH-500445014	Assembly Bolts	7
23	WH-500011315	Shaft	1
24	WH-500449106	Shaft Key	1
25	WH-500449304	Shaft Nut	1
26	WH-400018015	Cotter Pin	1
27	WH-530018007	6" Stamped Drum	1
28	WH-530018005	4-Lug Knott Hub	1
29	WH-400180050	Mounting Bolts	4
30	WH-400180045	Lock Washers	4
31	WH-530018006	Knott Brake	1

Decal Map



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