

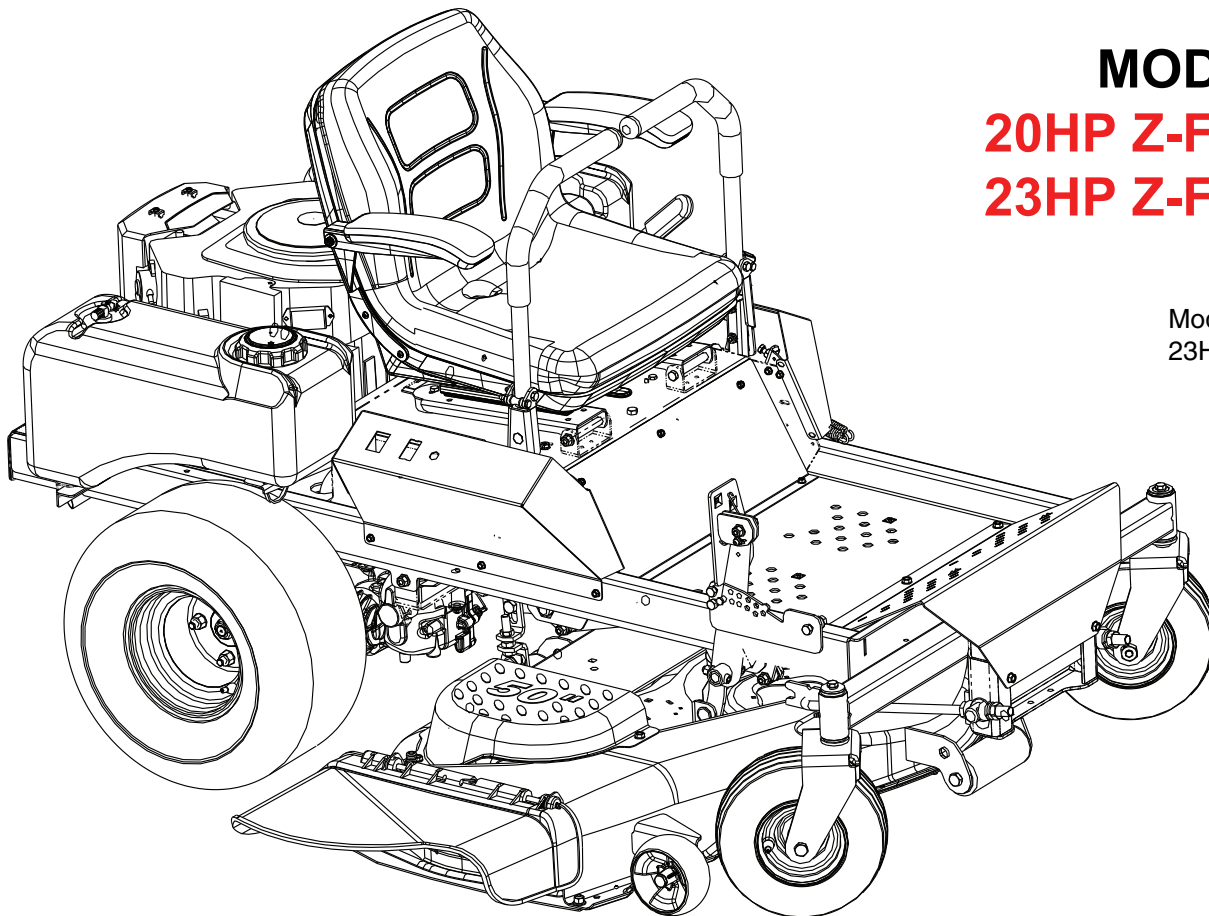


Hydrostatic Zero-Turn Residential Riding Mower

Turf Equipment

MODEL
20HP Z-Force 44
23HP Z-Force 50

Model Shown is a
23HP Z-Force 50



ILLUSTRATED PARTS LIST

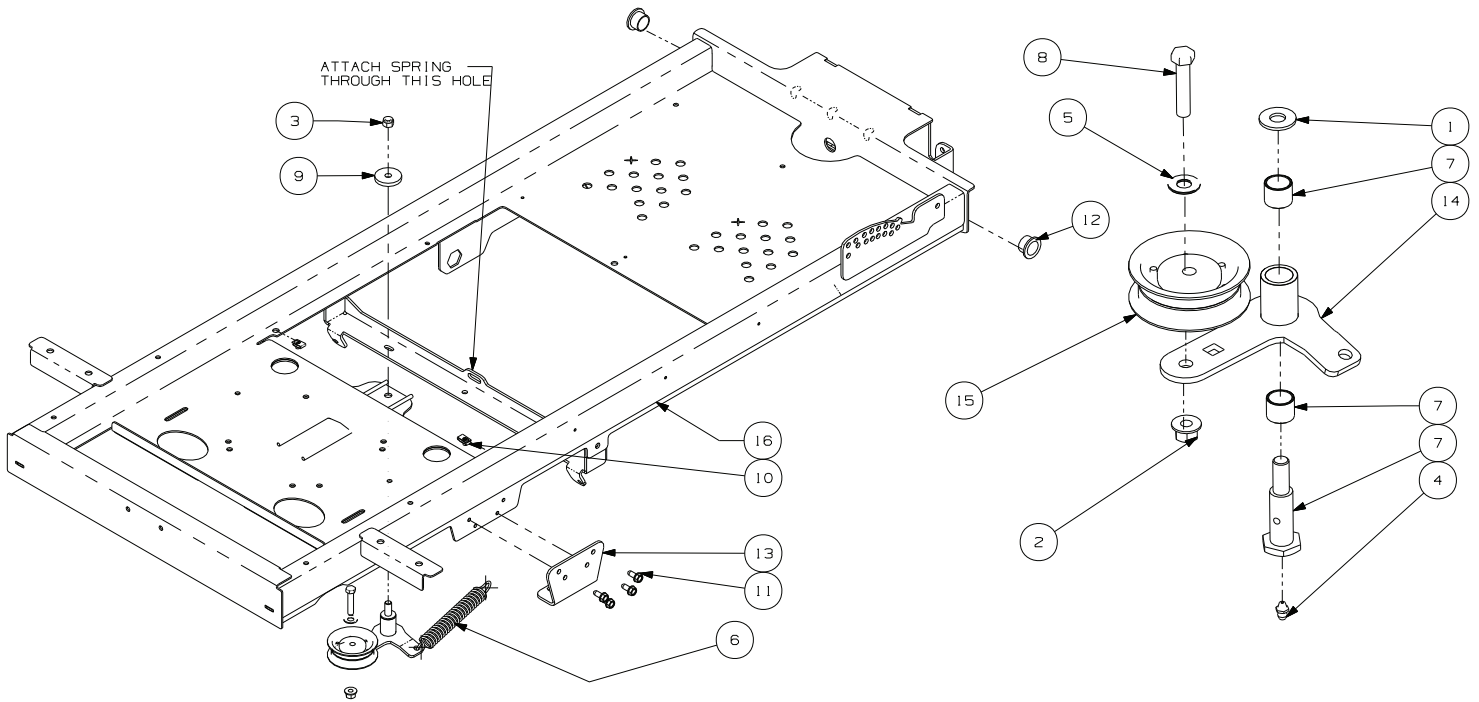
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NOTE, For **painted parts**, please refer to the list of color codes below. Please add the applicable color code, wherever needed, to the part number to order a replacement part. For instance, if a part, numbered 0100xxxx, is painted Cub Yellow, the part number to order would be 0100xxxx-4021.

Cub Yellow: 4021
Powder Black: 0637

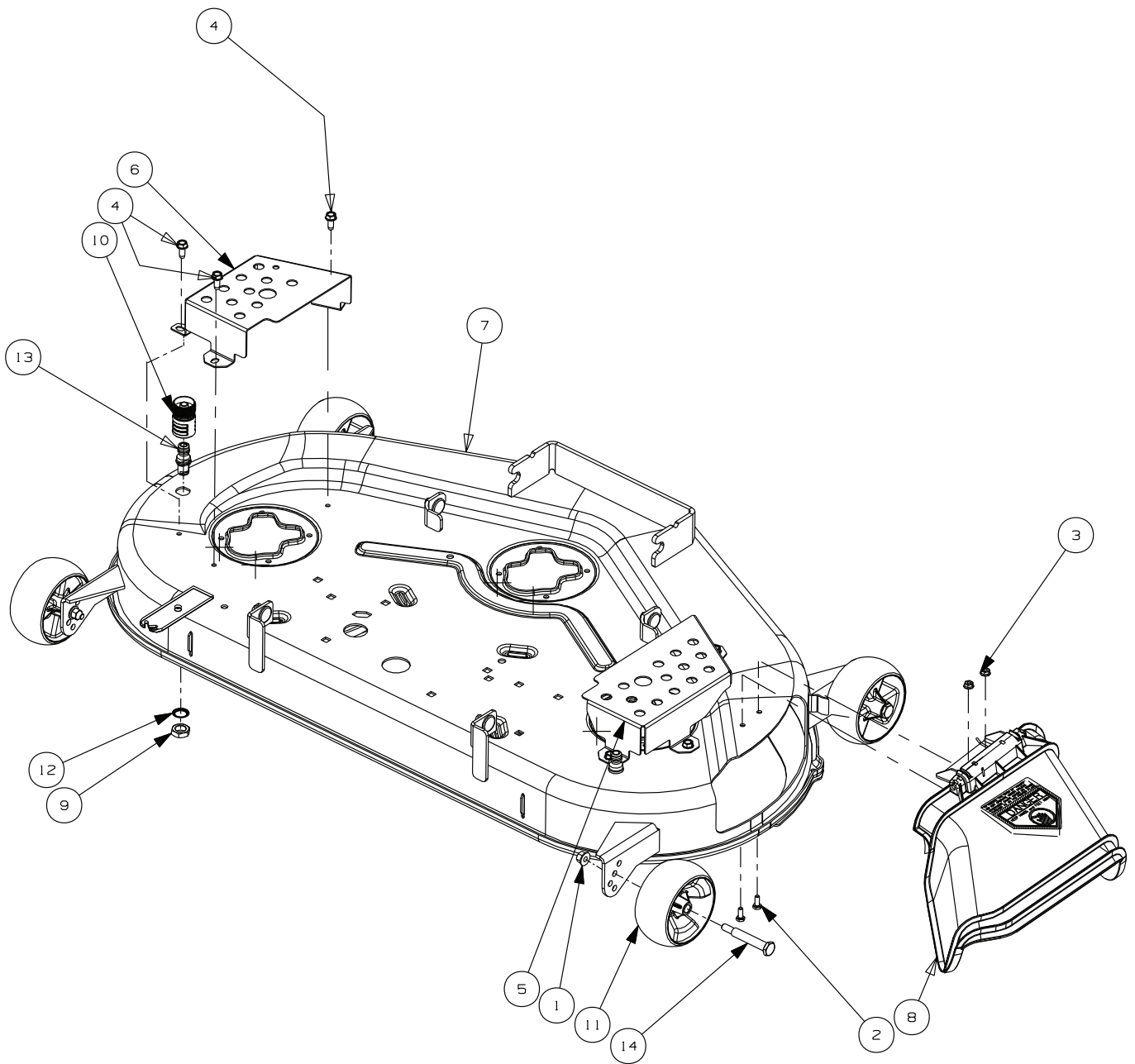
Frame Assembly- Figure 1 and Parts List



GD: 02004985-04/04/08

Ref. No.	Part No.	Description	Qty.
1	00006168	Flat Washer, 3/8 zinc	1
2	00022560	Hex Nut, 3/8-16 Flange Lock	1
3	00027279	Nylock Nut, 7/16-14	1
4	00060078	Grease Fitting, 1/4-28 x 3/16	1
5	00061053	Washer, 3/8, SS	1
6	01000199	Extension Spring, 1.00 OD x 5.00 lg	1
7	01000505	Shoulder Bolt	1
8	710-0347	Hex Cap Screw, 3/8-16 x 1-3/4	1
9	01003269	Flat Washer, 7/16 ID x 1.75 OD	1
10	01008539	U-Nut, 1/4-20	2
11	710-04484	Self Tapping Screw 5/16-18 x .750	8
12	02002628	Bronze Bushing, .875 ID x 1.50 OD	2
13	02002641	Transmission Mounting Bracket	2
14	02003641	Idler Arm Assembly includes:	1
	01000308	Bearing Sleeve	2
15	02004558	Flat Idler Pulley	1
16	02004865	Frame Assembly Weldment	1

44" Formed Cutter Deck - Figure 2

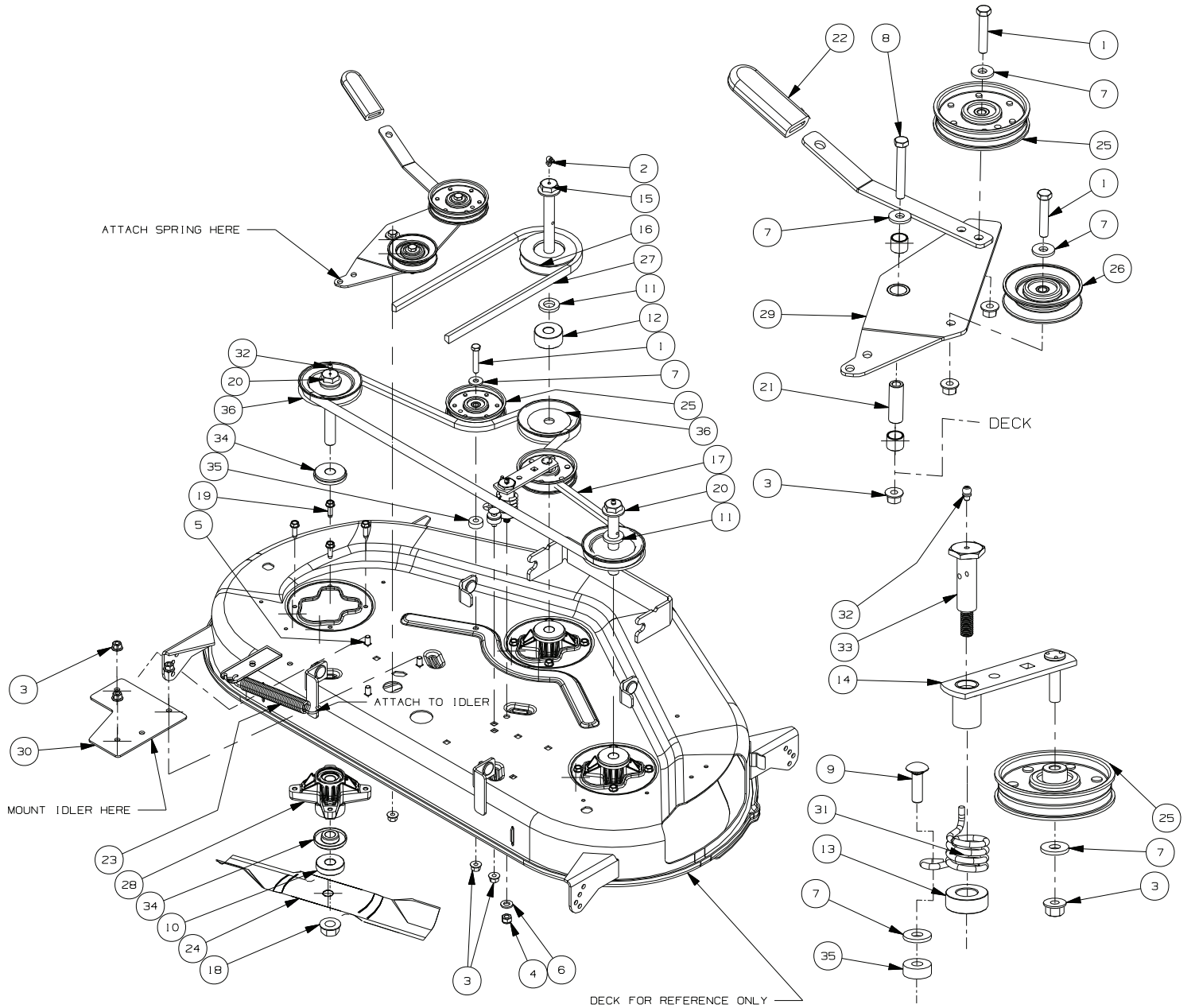


GD: 02005047-10/28/08

44" Formed Cutter Deck - Parts List for Figure 2

Ref. No.	Part No.	Description	Qty.
1	00022560	Hex Nut, 3/8-16, Flange Lock	4
2	01000338	Hex Cap Screw 1/4-20 x .620	2
3	01002766	Nut, 1/4-20, hexflange Lock	2
4	710-04484	Self Tapping Screw 5/16-18 x .750	6
5	02003834	Belt Cover Right Hand	1
6	02003835	Belt Cover Left Hand	1
7	02005215	Deck Assembly 44"	1
8	631-0094A	Chute Assembly	1
9	712-0641	Hex Nut, M16-1.5	2
10	721-04041	Water Nozzle Adaptor	1
11	734-04155	Deck Wheel, 5.00 Dia.	4
12	736-0760	Lock Washer, 17 x 23.8 x 1.95	2
13	737-04003D	Deck Water Nozzle	2
14	738-3056	Shoulder Screw .498 x 1.53	4

44" Deck Spindle Assembly - Figure 3

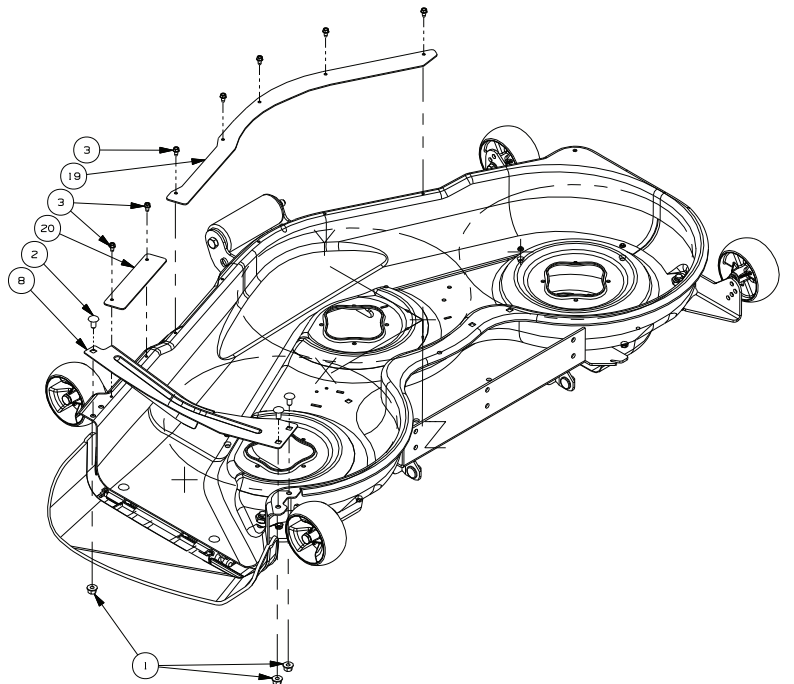
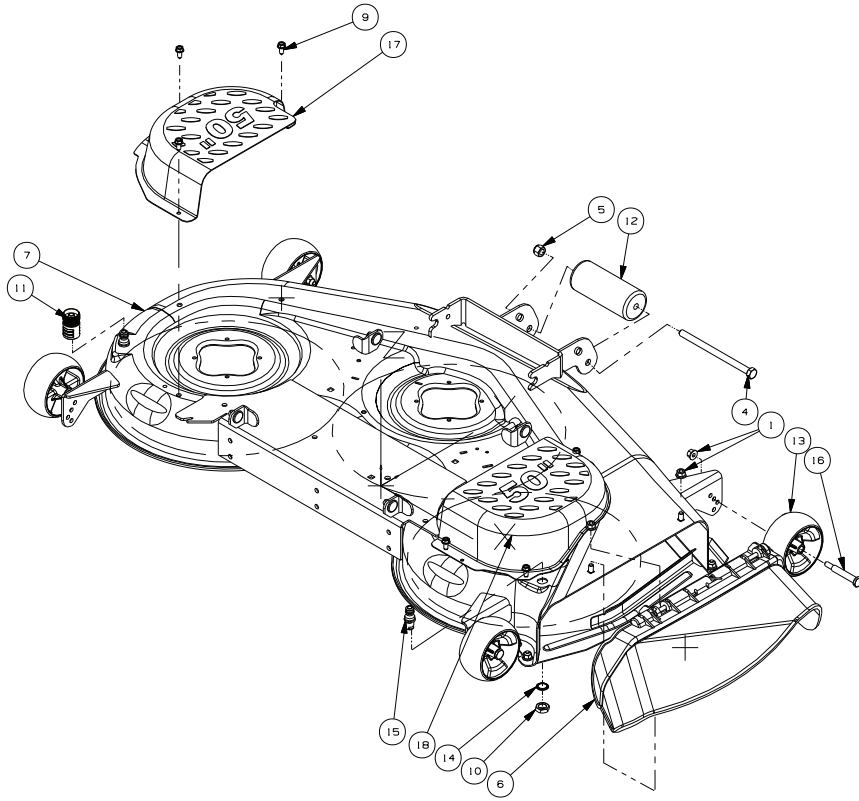


GD: 853-00027-10/28/08

44" 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	3
2	00012226	Grease Fitting, 1/4-28, 90 degree	1
3	00022560	Hex Nut, 3/8-16, Flange Lock	9
4	00027279	Nut 7/16-14, Nylock	1
5	01000372	Carriage Bolt, 3/8-16 x .75	3
6	01000393	Flat Washer, .469 ID x .875 OD x .105	1
7	01000723	Flat Washer, .406 ID x 1.0 OD x .105	6
8	01001371	HHCS, 3/8-16 x 2.75	1
9	01002010	Carriage Screw, 3/8-16 x 1.25	1
10	01002564	Spacer, .76 ID x 2.00 OD x .477	3
11	01003123	Spacer .812 ID x .218	3
12	01004415	Spacer, .760 ID x 2.000 OD x 1.1	1
13	01008456	Spacer .760 ID x 1.5 OD	1
14	01008593	Idler Arm Assembly	1
15	02000071	Spindle Bolt 3/4-16 x 7.155	1
16	02000079	V-Pulley 4.25 OD Casting	1
17	02000103	V-Belt, A-Section	1
18	02000402	Nut, 3/4-16, Hex Flange	3
19	02000762	Self Tapping Screw 5/16-18 x 1.0	12
20	02000819	Spindle Bolt 3/4-16 x 5.37	2
21	02003640	Spacer, .39 ID x .625 OD x 1.875	1
22	02003740	Parking Brake Grip	1
23	02004069	Extension Spring, .94 OD x 7.72 LG	1
24	02005020	Blade, 15.94 Hi-Lift, 0.756 ID	3
25	02005077	Flat Pulley	3
26	02005078	Idler Pulley, 3.50 Dia.	1
27	02005685	V-Belt, B-Section	1
28	618-04426	Spindle Assembly	3
29	680-00029	Idler Arm Assembly, Double, includes:	1
	01000308	Bearing	2
30	703-06985	Top Deck Plate	1
31	732-3009	Idler Spring	1
32	737-3000	Grease Fitting	3
33	738-3172	Shoulder Screw .68 x 2.11	1
34	748-3065A	Spindle Spacer	6
35	750-3119	Spacer .406 ID x 1.0 OD	2
36	756-3089	Pulley	3

50" Formed Cutter Deck - Figure 4



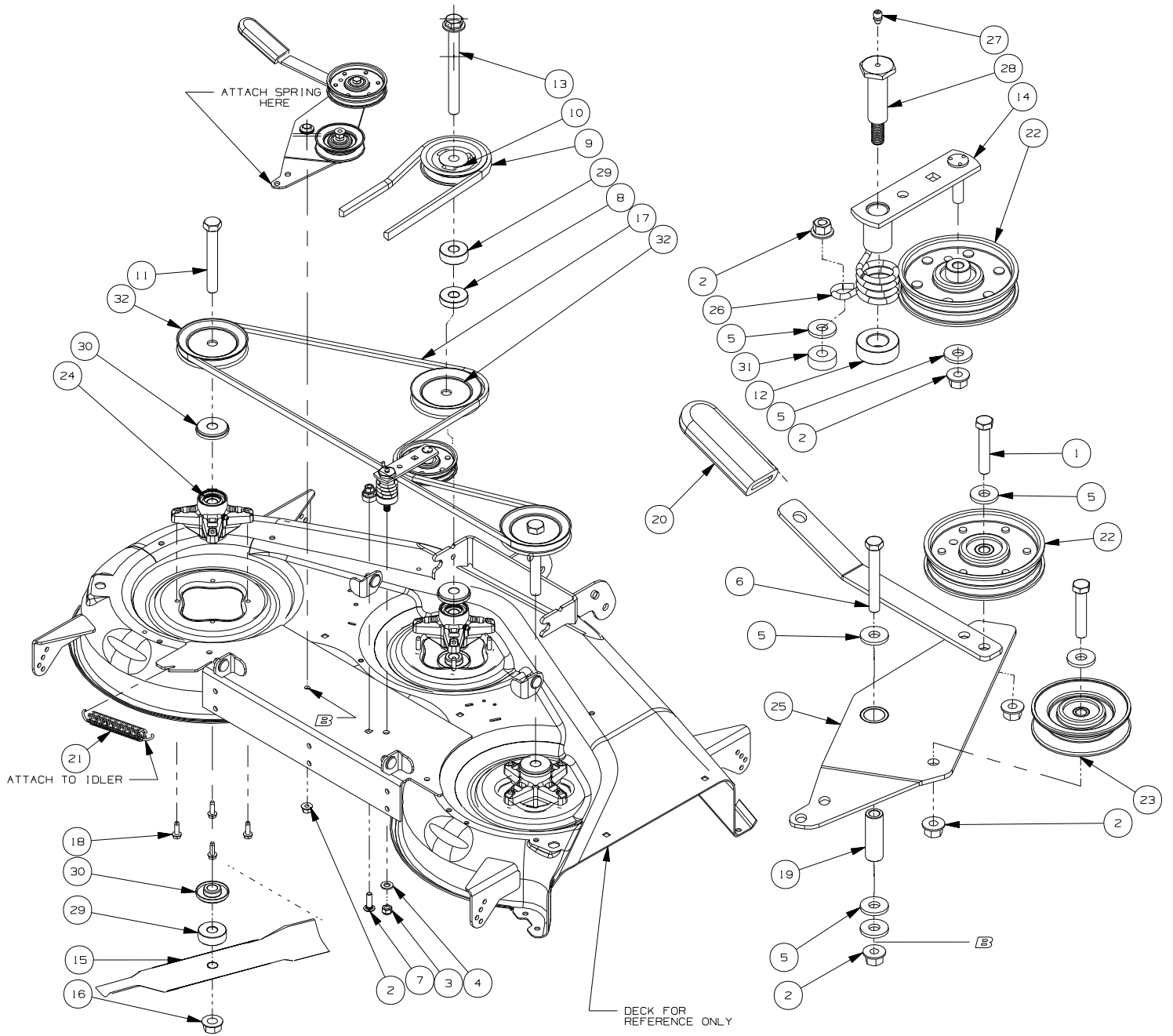
Deck Shown Upside Down

GD: 853-000030-12/12/08

50" Formed Cutter Deck - Parts List for Figure 4

Ref. No.	Part No.	Description	Qty.
1	00022560	Hex Nut, 3/8-16, Flange Lock	9
2	01000372	Carriage Bolt, 3/8-16 x .75	5
3	01000628	Screw, 1/4-20 x 1/2	7
4	01006961	Hex Cap Screw, 1/2-20 x 7.50	1
5	02002299	Nut, 1/2-20, Lock	1
6	631-04070A	Chute Assembly	1
7	680-00046	Deck Assembly, 50"	1
8	703-3511A	Finger Guard	1
9	710-04484	Self Tapping Screw 5/16-18 x .750	6
10	712-0641	Hex Nut, M16-1.5	2
11	721-04041	Water Nozzle Adaptor	1
12	731-3005	Front Roller	1
13	734-04155	Deck Wheel, 5.00 Dia.	4
14	736-0760	Lock Washer, 17 x 23.8 x 1.95	2
15	737-04003D	Deck Water Nozzle	2
16	738-3056	Shoulder Screw .498 x 1.53	4
17	783-04399	Belt Cover Left Hand	1
18	783-04400	Belt Cover Right Hand	1
19	783-04414A	Skirt, Center, 50"	1
20	783-04415	Skirt, Right Hand, 50"	1

50" Deck Spindle Assembly - Figure 5

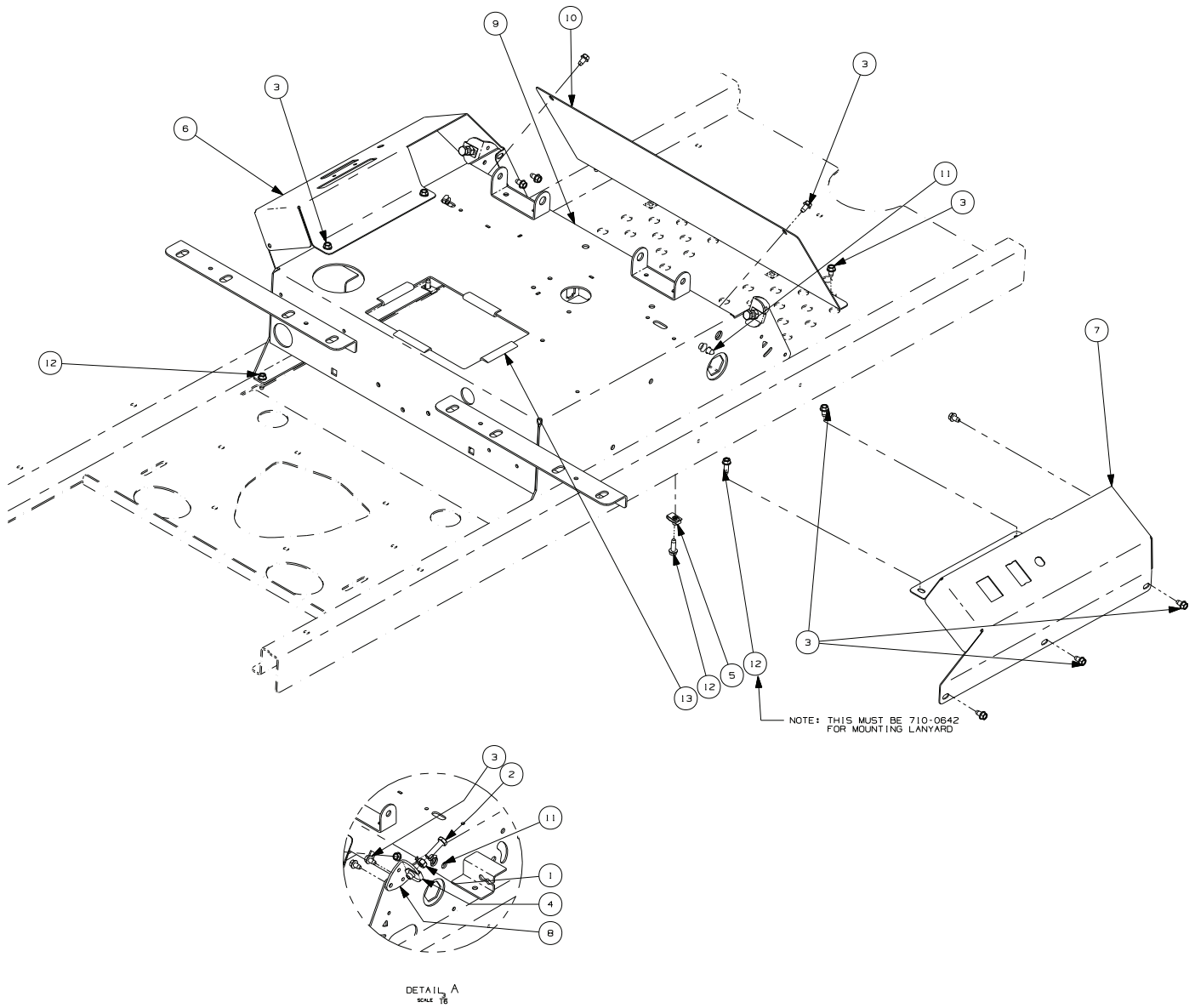


GD: 853-00028-10/29/08

50" Deck Spindle Assembly - Parts List for Figure 5

Ref. No.	Part No.	Description	Qty.
1	00002528	HHCS, 3/8-16 x 2.00	2
2	00022560	Hex Nut, 3/8-16, Flange Lock	5
3	00027279	Nut 7/16-14, Nylock	1
4	01000393	Flat Washer, .469 ID x .875 OD x .105	1
5	01000723	Flat Washer, .406 ID x 1.0 OD x .105	7
6	01001371	HHCS, 3/8-16 x 2.75	1
7	01002010	Carraige Screw, 3/8-16 x 1.25	1
8	01002564	Spacer, .76 ID x 2.00 OD x .477	1
9	01005011	V-Belt, Mower Drive	1
10	01005202	V-Pulley, 4.75 OD	1
11	01006590	Hex Cap Screw 3/4-16 x 5.50	2
12	01008456	Spacer .760 ID x 1.5 OD	1
13	01008542	Hex Cap Screw, 3/4-16, 7.50	1
14	01008593	Idler Arm Assembly	1
15	01010168	Hi-Lift Blade, 17.9	3
16	02000402	Nut, 3/4-16, Hex Flange	3
17	02000653	V-Belt, 1/2 x 90.9 LG	1
18	02000762	Self Tapping Screw 5/16-18 x 1.0	12
19	02003640	Spacer, .39 ID x .625 OD x 1.875	1
20	02003740	Parking Brake Grip	1
21	02004069	Extension Spring, .94 OD x 7.72 LG	1
22	02005077	Flat Pulley	2
23	02005078	Idler Pulley, 3.50 Dia.	1
24	618-04426	Spindle Assembly	3
25	680-00029	Idler Arm Assembly, Double, includes:	1
	01000308	Bearing	2
26	732-3009	Idler Spring	1
27	737-3000	Grease Fitting	1
28	738-3172	Shoulder Screw .68 x 2.11	1
29	748-3020	Blade Spacer	4
30	748-3065A	Spindle Spacer	6
31	750-3119	Spacer .406 ID x 1.0 OD	1
32	756-1209	V-Pulley, 4.90 OD	3

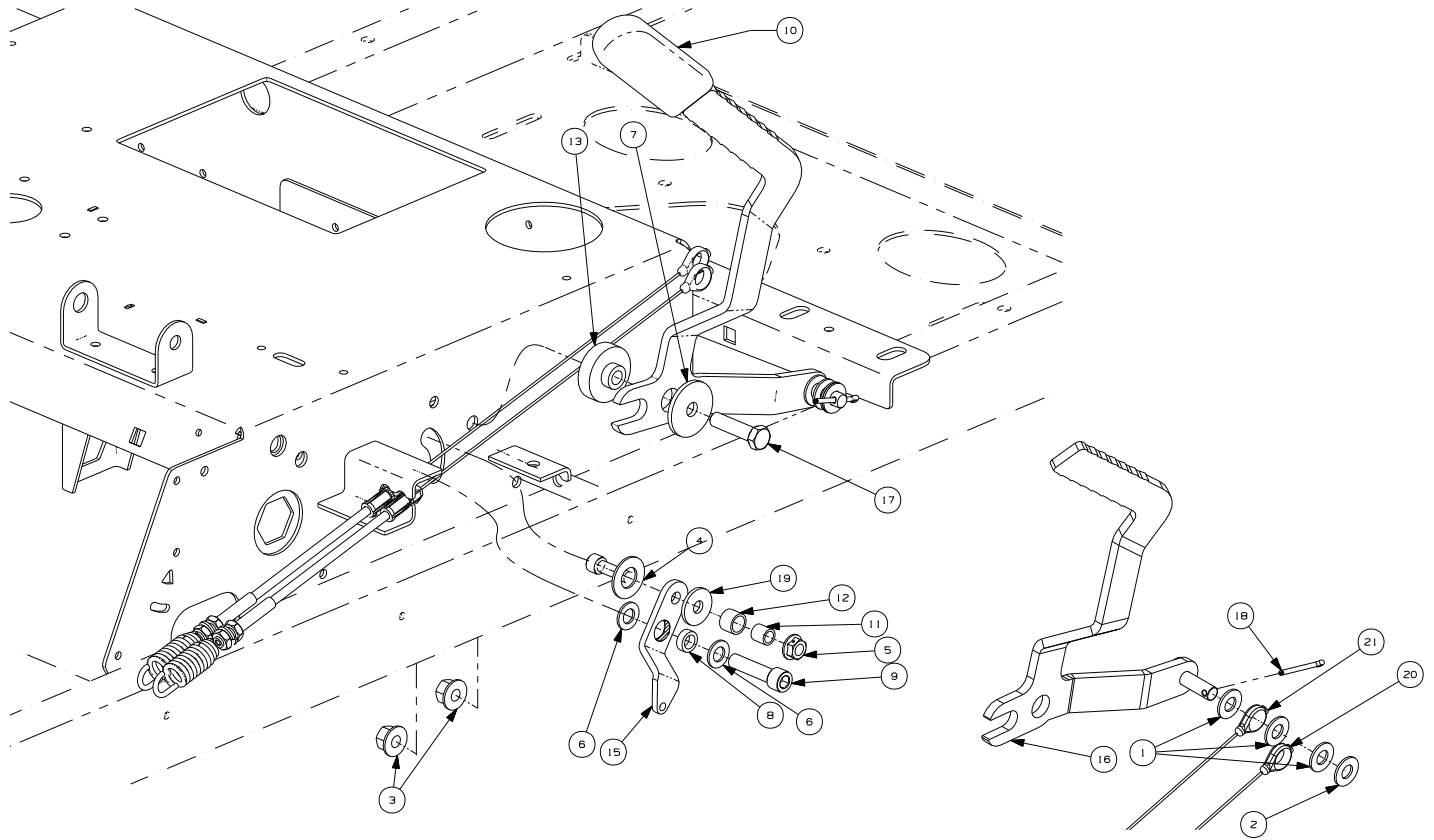
Control Assembly - Figure 6 and Parts List



GD: 853-00024-12/12/08

Ref. No.	Part No.	Description	Qty.
1	00012166	Hex Nut, 5/16-18	2
2	00013116	HHCS, 5/16-18 x 1-1/4	2
3	01000628	Screw, 1/4-20 x 1/2	17
4	01003563	U-Nut, 5/16-18	2
5	01008539	U-Nut, 1/4-20	2
6	02002735	Left Hand Control Console	1
7	02002736	Right Hand Control Console	1
8	02002761	Forward/Reverse Stop Bracket	2
9	680-00048	Control Housing Weldment	1
10	703-07000	Front Panel	1
11	710-04484	Self Tapping Screw 5/16-18 x .750	2
12	710-0642	Self Tapping Screw, 1/4-20 x .75	5
13	735-04130	Battery Edge Trim	4

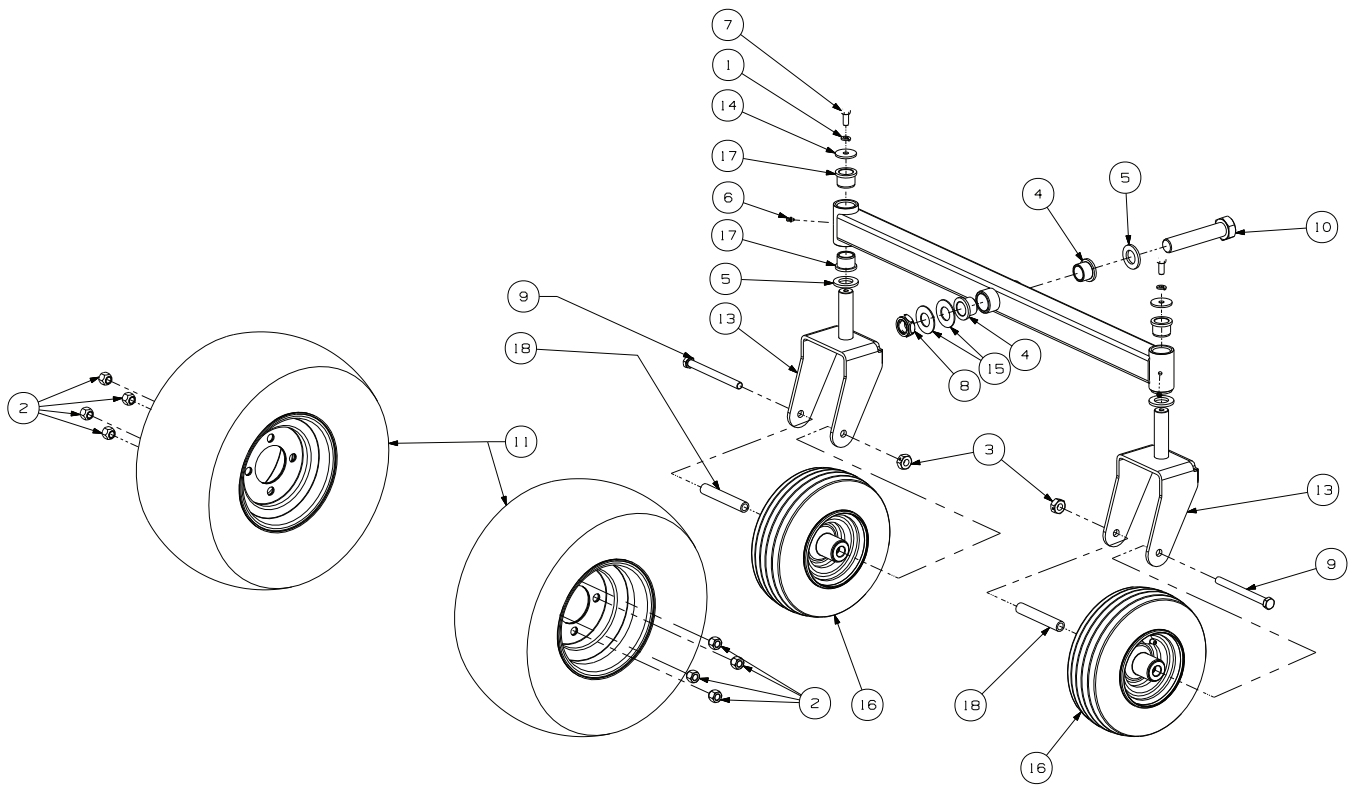
Brake Assembly - Figure 7 and Parts List



GD: 853-000025-09/18/08

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00005530	Washer, .406 x .812 x .062	3	12	02003840	Spacer, .442 ID x .563 OD x .405	1
2	00012180	Hex Head Cap Screw, 5/16-18 x 1.00	1	13	02004045	Step Hub, .379 x 1.5 x .257/.400	1
3	00022560	Hex Nut, 3/8-16 Flange Lock	2	14	02004124	Sockethead Capscrew, 5/16-18 x 1.00	1
4	01000101	Slide Washer	1	15	02004174	Lockout Lever Plate	1
5	01000635	Nut, 5/16-18, Flange Lock	1	16	680-00049	Brake Handle	1
6	01002710	Washer, .375 x .738 x .063	2	17	710-0520	Hex Head Cap Screw, 3/8-16 x 1.50	1
7	01009253	Flat Washer, .390 x 1.5 x .134	1	18	714-0474	Cotter Pin, 1/8 x .75	1
8	02002885	Spacer, .380 x .563 x .196	1	19	736-3089	Washer, .345 x 1.00 x .100	1
9	02003717	Sockethead Capscrew, 3/8-16 x 1.50	1	20	746-04564	Left Hand Brake Cable	1
10	02003740	Parking Brake Grip	1	21	746-04565	Right Hand Brake Cable	1
11	02003839	Spacer, .322 ID x .438 OD x .44	1				

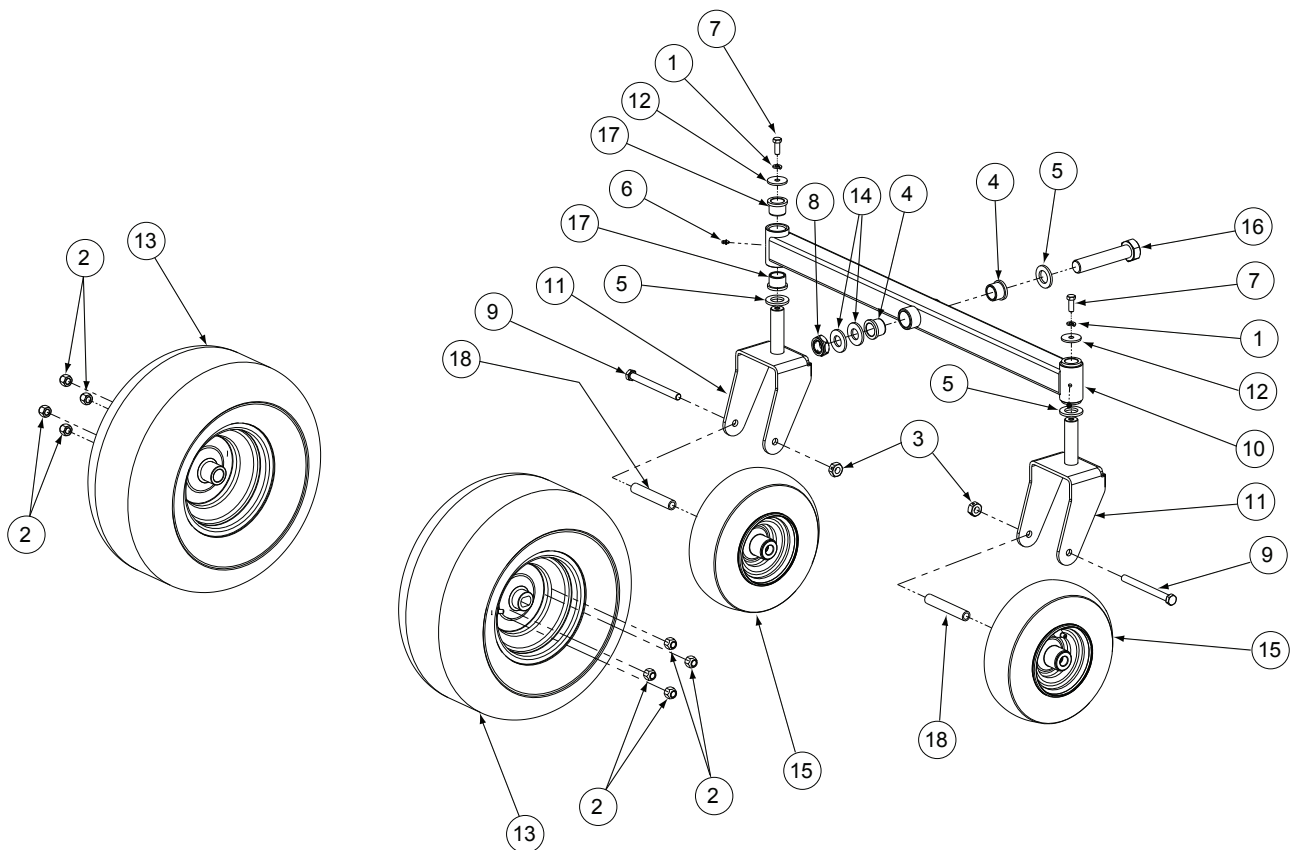
44" Front Caster & Tire Assembly - Figure 8 and Parts List



GD: 02003791-04/10/08

Ref. No.	Part No.	Description	Qty.
1	736-0169	Lock Washer, 3/8 Zinc	2
2	00012187	Lug Nut, 1/2-20	8
3	00023287	Nut, 1/2-20, Center Lock	2
4	02003599	Flange Bearing, 1.001 ID	2
5	00023822	Washer Special	3
6	00060078	Grease Fitting, 1/4-28 x 3/16	2
7	01000368	Hex Cap Screw, 3/8-16 x .88	2
8	01000678	Nut Jam, 1.0-14, Nylon Insert	1
9	01000745	Hex Cap Screw, 1/2-20 x 5.50	2
10	02003804	Hex Cap Screw, 1-14 x 5.5	1
11	01008320	Wheel Assembly, 18 x 8.5	2
12	01008384	Front Axle Assembly	1
13	01008549	Castor Wheel Mounting Bracket	2
14	01009253	Flat Washer, .390 x 1.5 x .134	2
15	02000588	Flat Washer, 1.00 ID x 2.25 OD x .075	2
16	02003488	Wheel Assembly, 11 x 4 - 4, Beige	2
17	731-0374	Flange Bearing, 1.0 ID	4
18	750-3197A	Wheel Spacer	2

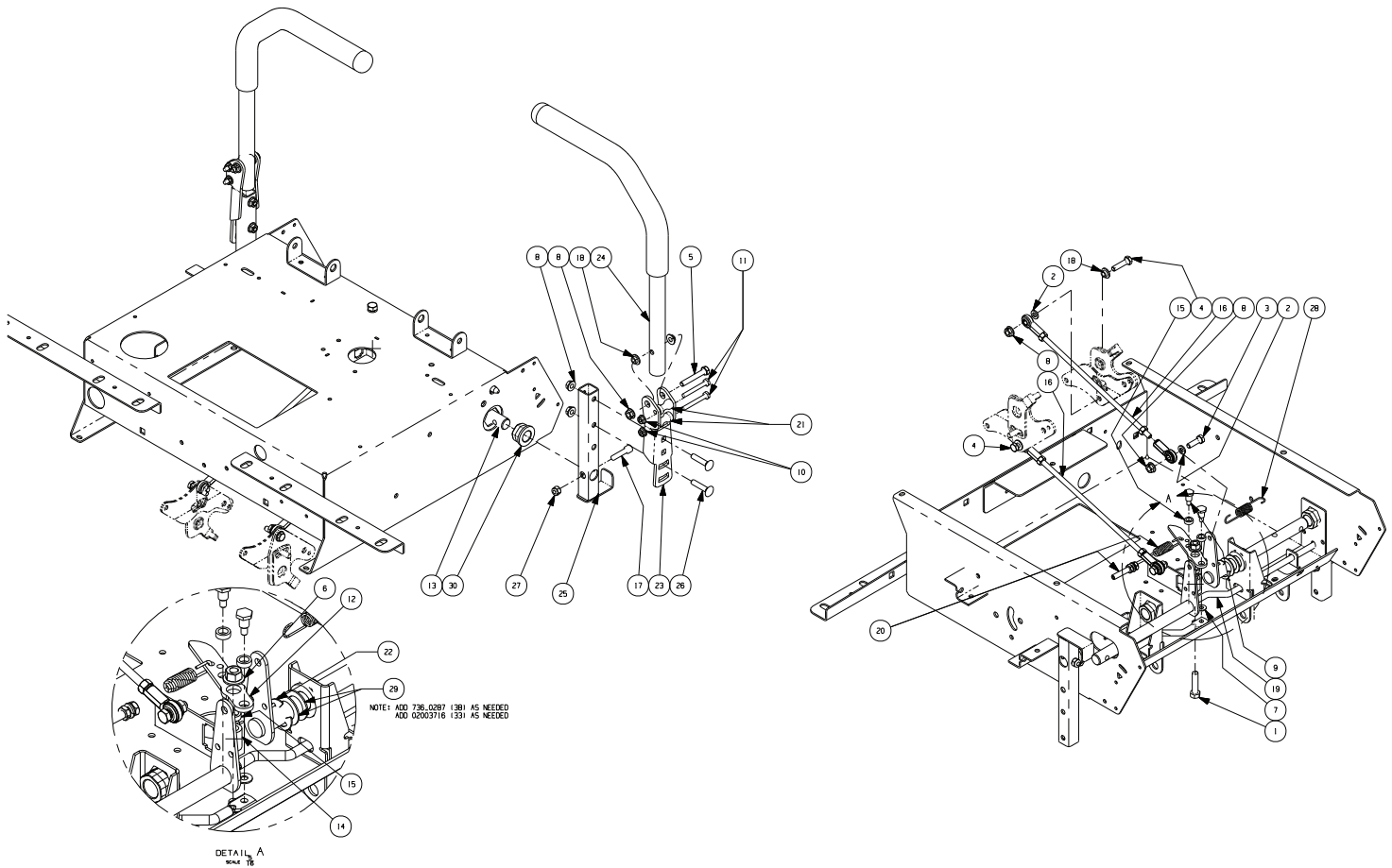
50" Front Caster & Tire Assembly - Figure 9 and Parts List



GD: 02003485-04/10/08

Ref. No.	Part No.	Description	Qty.
1	736-0169	Lock Washer, 3/8 Zinc	2
2	00012187	Lug Nut, 1/2-20	8
3	00023287	Nut, 1/2-20, Center Lock	2
4	02003599	Flange Bearing, 1.001 ID	2
5	00023822	Washer Special	3
6	00060078	Grease Fitting, 1/4-28 x 3/16	2
7	01000368	Hex Cap Screw, 3/8-16 x .88	2
8	01000678	Nut Jam, 1.0-14, Nylon Insert	1
9	01000745	Hex Cap Screw, 1/2-20 x 5.50	2
10	01008384	Front Axle Assembly	1
11	01008549	Castor Wheel Mounting Bracket	2
12	01009253	Flat Washer, .390 x 1.5 x .134	2
13	01009828	Wheel Assembly, 18 x 9.5	2
14	02000588	Flat Washer, 1.00 ID x 2.25 OD x .075	2
15	02003488	Wheel Assembly, 11 x 4 - 4, Beige	2
16	02003804	Hex Cap Screw, 1-14 x 5.5	1
17	731-0374	Flange Bearing, 1.0 ID	4
18	750-3197A	Wheel Spacer	2

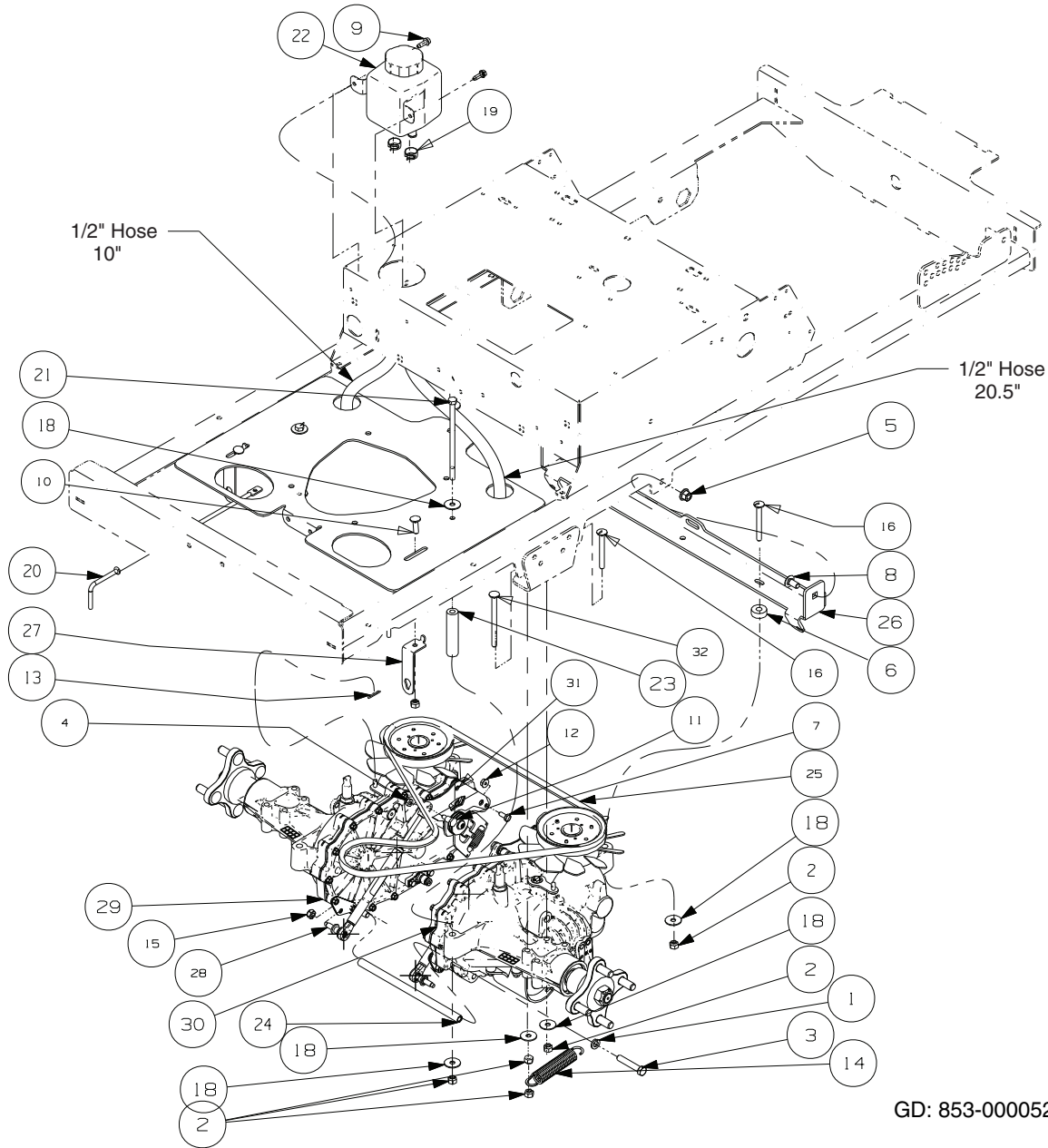
Steering Assembly -Figure 10 and Parts List



GD: 853-000026-12/12/08

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00011438	Hex Cap Screw, 3/8-16 x 1-1/2	1	17	02002994	Socket Head Capscrew, 5/16-18 x 1.25	2
2	00012169	Flat Washer, 5/16	4	18	02003419	Bushing, .310 x .172 x .688 x .06	6
3	00012180	Hex Head Cap Screw, 5/16-18 x 1.00	2	19	02003560	Control Lock Rod	2
4	00013116	HHCS, 5/16-18 x 1-1/4	2	20	02003568	Control Cable Lock Out	1
5	00013198	Hex Cap Screw, 5/16-18 x 2.00	2	21	02003644	Spacer, .25 ID x .38 OD x 1.13	4
6	00022560	Nut, Flange Lock, 3/8-16	1	22	02003716	Retainer Ring, E-Clip	2
7	01000600	Flat Washer, 1.4 x .630 x .0515	2	23	02003853	Lapbar Pivot Bracket	2
8	01000635	Nut, 5/16-18, Lock	10	24	02003855	Lapbar Assembly includes:	2
9	01001919	Shoulder Screw, 1/4-28	2		02002662	Grip, 1.0	
10	01002766	Nut, 1/4-20, Hex Flange Lock Nut	5	25	680-00050	Pivot Bracket Weldment	2
11	01006898	Hex Cap Screw, 1/4-20 x 2.00	4	26	710-0262	Carriage Bolt, 5/16-18 x 1.50	4
12	02002684	Brake Lever Plate	1	27	712-0429	Nylock Nut, 5/16-18	2
13	02002723	Steering Input Shaft Assembly	2	28	732-04610	Extension Spring, .544 OD x 3.35	1
14	02002844	Spacer, .385 ID x .625 OD x .869	1	29	736-0287	Flat Washer, .793 ID x 1.24 OD x .060	4
15	02002885	Spacer, .380 x .563 x .196	3	30	741-0598	Hex Flange Bearing, .752 ID	4
16	02002992	Steering Link Rod	2				

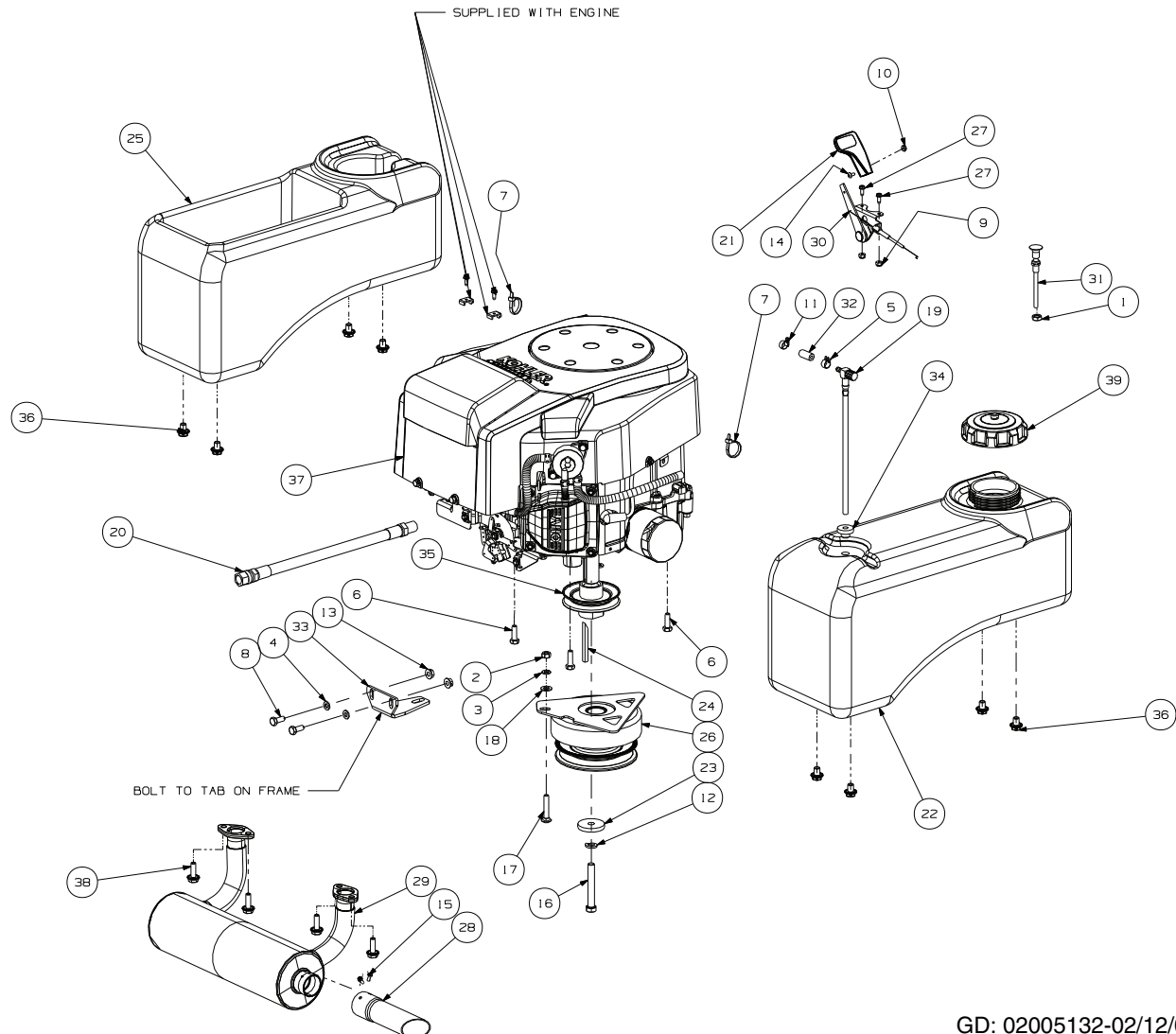
Drive Train Assembly- Figure 11 and Parts List



GD: 853-000052-12/12/08

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	736-0169	Lock Washer, 3/8 Zinc	2	18	01009937	Washer, 5/16 x 1.06	10
2	712-0429	Nylock Nut, 5/16-18	12	19	02001111	Hose Clamp	4
3	00012172	Hex Cap Screw, 3/8-16 x 2.00	2	20	02001332	Pump Rod	2
4	712-04177	Nut, 1/4-28, SS, Nylon Insert	2	21	02001556	Hex Cap Screw, 5/16-18 x 6.00	2
5	00022560	Nut, Flange Lock, 3/8-16	2	22	631-04286	Hydraulic Tank	1
6	750-3119	Spacer .406 ID x 1.0 OD	2	23	02002646	Spacer, .375 ID x .75 OD x 3.30	2
7	01000338	Hex Cap Screw 1/4-20 x .620	2	24	02002647	Transmission Support Tube	1
8	01000372	Carriage Bolt, 3/8-16	2	25	02002648	V-Belt, 58.4	1
9	710-0642	Self Tapping Screw, 1/4-20 x .75	2	26	02002679	Transmission Front Mounting Bracket	1
10	01000641	Carriage Bolt, 5/16-18 x 1.00	2	27	02002965	Neutral Bracket	2
11	01001919	Shoulder Screw, 1/4-28	2	28	02003622	Cylinder Return to Neutral	2
12	01002766	Nut, 1/4-20, Hex Flange Lock Nut	1	29	02004678	2800 Transmission, Left hand	1
13	01002771	Cotter Pin, .072 x 1.12 Lg	2		02002150	Filter	1
14	01002874	Extension Spring, .865 OD x 4.68 Long	2	30	02004679	2800 Transmission, Right hand	1
15	01003561	Nut, Hex, Center Lock, M8	2		02002150	Filter	1
16	01005340	Carriage Bolt, 5/16-18 x 2.75	4	31	02004681	Return to Neutral Control Bracket	2
17	--	Fuel Hose, .50 ID x .75 OD (in inches)	30.5	32	02005326	Carriage Bolt, 5/16-18 x 4.00	2

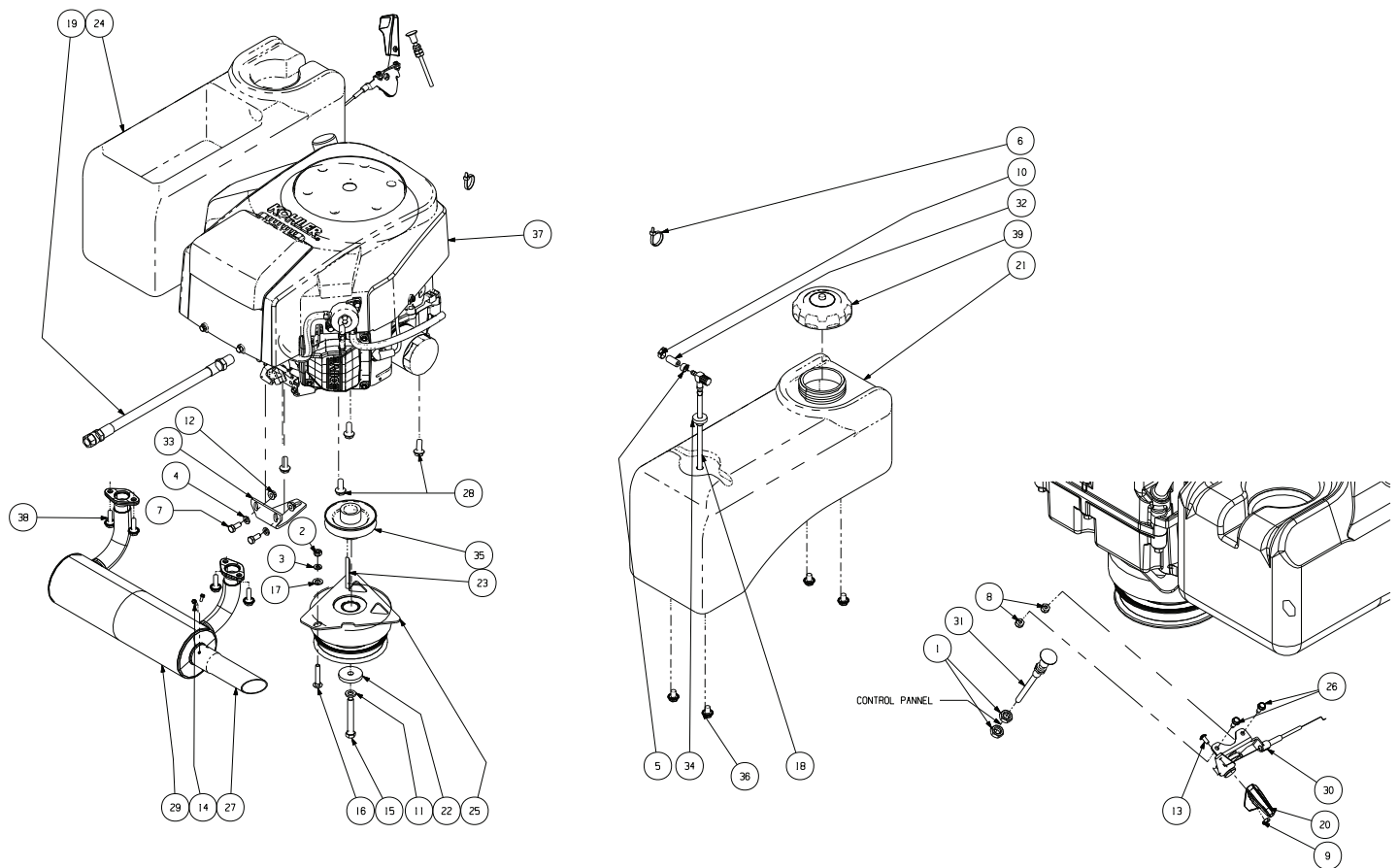
20HP Kohler Engine Assembly - Figure 12 and Parts List



GD: 02005132-02/12/09

Ref No	Part No.	Description	Qty.	Ref No	Part No.	Description	Qty.
1	00011453	Hex Jam Nut, 3/8-24	1	21	731-04914	Throttle Control Knob	1
2	712-3007	Hex Nut, 5/16-18	1	22	01004350	Fuel Tank	1
3	736-0119	Lock Washer, 5/16	1	23	01005314	Flat Washer, 7/16 ID x 1.75 OD x .250	1
4	00012169	Flat Washer, 5/16	2	24	01007533	Key, 1/4 x 1/4 x 2.75	1
5	00012235	Clamp, Union	1	25	01008138	Utility Bin	1
6	01009243	Self Tapping Screw, 3/8-16 x .875	4	26	01008434	Ogura DX11 Electric Clutch	1
7	00012470	Cable Tie, 3/16 x .05 x 7.4	2	27	01008531	Screw, #10-32 x 0.500	2
8	710-3008	Hex Cap Screw, 5/16-18 x .75	2	28	01008623	Exhaust Pipe	1
9	00014608	Lock Nut, Nylon Insert, 10-32	2	29	02000456	Kohler Muffler	1
10	00060056	Nut, w/ Star Washer	1	30	02000477	Throttle Control Cable	1
11	01000215	Hose Clamp, 1/4-5/8, SS	1	31	02000478	Choke Cable	1
12	736-0171	Lock Washer, 7/16	1	32	--	Hose, 1/4" Fuel Line	1
13	01000635	Lock Nut, Hex Flange, 5/16-18	2	33	703-07213	Clutch Retainer Assembly	1
14	01000721	Machine Screw, 8-32 x .375	1	34	02002253	Fuel Tank Grommet	1
15	01000811	Screw, 8-32 x .375, Hex Washer	2	35	02003417	Transmission Drive Pulley	1
16	01000813	Hex Cap Screw, 7/16-20 x 3.0	1	36	02005013	Hex Head Cap Screw, 3/8-16 x 1.00, Flange Whiz	8
17	01000956	Carriage Bolt, 5/16-18 x 1.75	1	37	02005086	20HP Kohler Engine	1
18	01002710	Washer, 3/8 x .738 x .063	1	38	02005299	Hex Head Cap Screw, 5/16-18 x 1.00, Flange Whiz	4
19	01003116	Fuel Pickup Fitting	1	39	751-3124D	Fuel Cap	1
20	01003283	Oil Drain Extension Hose	1				

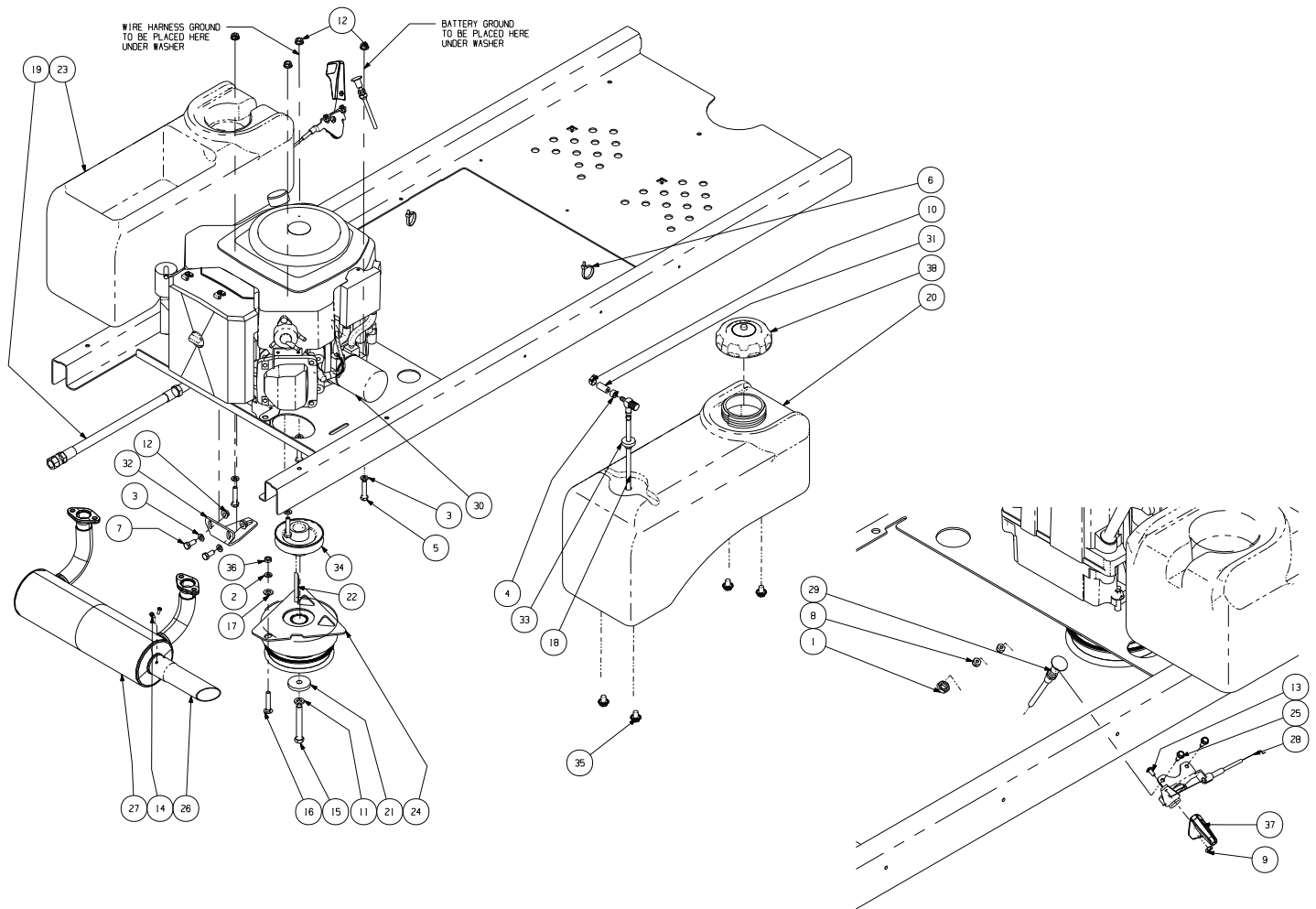
23HP Kohler Engine Assembly - Figure 13 and Parts List



GD: 02005133-02/12/09

Ref No	Part No.	Description	Qty.	Ref No	Part No.	Description	Qty.
1	00011453	Hex Jam Nut, 3/8-24	2	21	01004350	Fuel Tank	1
2	712-3007	Hex Nut, 5/16-18	1	22	01005314	Flat Washer, 7/16 ID x 1.75 OD x .250	1
3	736-0119	Lock Washer, 5/16	1	23	01007533	Key, 1/4 x 1/4 x 2.75	1
4	00012169	Flat Washer, 5/16	2	24	01008138	Utility Bin	1
5	00012235	Clamp, Union	1	25	01008434	Ogura DX11 Electric Clutch	1
6	00012470	Cable Tie, 3/16 x .05 x 7.4	2	26	01008531	Screw, #10-32 x 0.500	2
7	710-3008	Hex Cap Screw, 5/16-18 x .75	2	27	01008623	Exhaust Pipe	1
8	00014608	Lock Nut, Nylon Insert, 10-32	2	28	01009243	Self Tapping Screw, 3/8-16 x 0.875	4
9	00060056	Nut, w/ Star Washer	1	29	02000456	Kohler Muffler	1
10	01000215	Hose Clamp, 1/4-5/8, SS	1	30	02000477	Throttle Control Cable	1
11	736-0171	Lock Washer, 7/16	1	31	02000478	Choke Cable	1
12	01000635	Lock Nut, Hex Flange, 5/16-18	2	32	--	Hose, 1/4" Fuel Line	1
13	01000721	Machine Screw, 8-32 x .375	1	33	703-07213	Clutch Retainer Assembly	1
14	01000811	Screw, 8-32 x .375, Hex Washer	2	34	02002253	Fuel Tank Grommet	1
15	01000813	Hex Cap Screw, 7/16-20 x 3.0	1	35	02003417	Transmission Drive Pulley	1
16	01000956	Carriage Bolt, 5/16-18 x 1.75	1	36	02005013	Hex Head Cap Screw, 3/8-16 x 1.00, Flange Whiz	8
17	01002710	Washer, 3/8 x .738 x .063	1	37	02005087	23HP Kohler Engine	1
18	01003116	Fuel Pickup Fitting	1	38	02005299	Hex Head Cap Screw, 5/16-18 x 1.00, Flange Whiz	4
19	01003283	Oil Drain Extension Hose	1	39	751-3124D	Fuel Cap	1
20	731-04914	Throttle Control Knob	1				

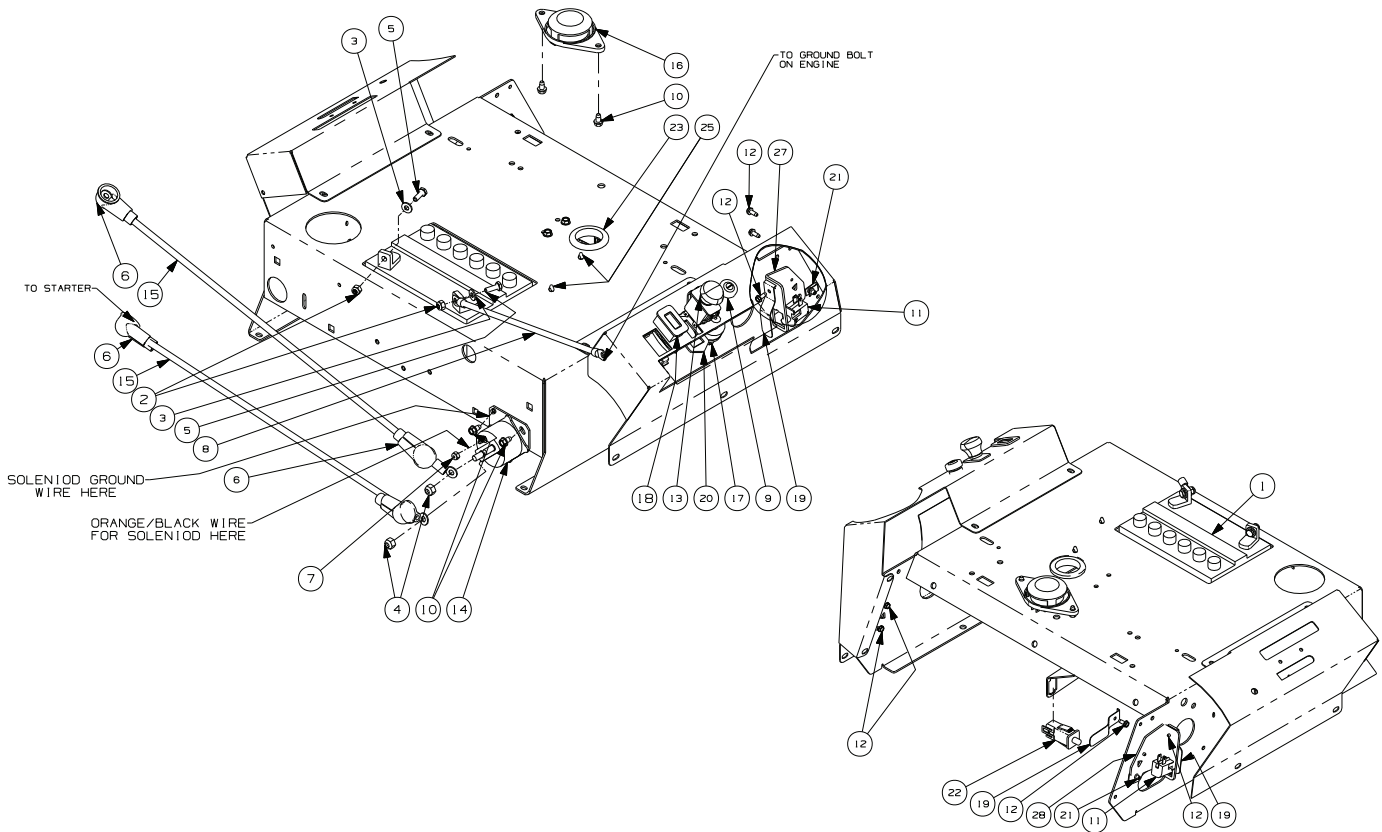
23HP Kohler Aussie Engine Assembly - Figure 14 and Parts List



GD: 02004236-04/30/08

Ref No	Part No.	Description	Qty.	Ref No	Part No.	Description	Qty.
1	00011453	Hex Jam Nut, 3/8-24	1	20	01004350	Fuel Tank	1
2	736-0119	Lock Washer, 5/16	1	21	01005314	Flat Washer, 7/16 ID x 1.75 OD x .250	1
3	00012169	Flat Washer, 5/16	6	22	01007533	Key, 1/4 x 1/4 x 2.75	1
4	00012235	Clamp, Union	1	23	01008138	Utility Bin	1
5	00012382		4	24	01008434	Ogura DX11 Electric Clutch	1
6	00012470	Cable Tie, 3/16 x .05 x 7.4	2	25	01008531	Screw, #10-32 x 0.500	2
7	710-3008	Hex Cap Screw, 5/16-18 x .75	2	26	01008623	Exhaust Pipe	1
8	00014608	Lock Nut, Nylon Insert, 10-32	2	27	02000456	Kohler Muffler	1
9	00060056	Nut, w/ Nylon Washer	1	28	02000477	Throttle Control Cable	1
10	01000215	Hose Clamp, 1/4-5/8, SS	1	29	02000478	Choke Cable	1
11	736-0171	Lock Washer, 7/16	1	30	02001243	23HP Kohler Engine	1
12	01000635	Lock Nut, Hex Flange, 5/16-18	6	31	--	Hose, 1/4" Fuel Line	1
13	01000721	Machine Screw, 8-32 x .375	1	32	02001992	Clutch Retainer Assembly	1
14	01000811	Screw, 8-32 x .375, Hex Washer	2	33	02002253	Fuel Tank Grommet	1
15	01000813	Hex Cap Screw, 7/16-20 x 3.0	1	34	02003417	Transmission Drive Pulley	1
16	01000956	Carriage Bolt, 5/16-18 x 1.75	1	35	02005013	Hex Head Cap Screw, 3/8-16 x 1.00, Flange Whiz	8
17	01002710	Washer, 3/8 x .738 x .063	1	36	712-3007	Hex Nut, 5/16-18	1
18	01003116	Fuel Pickup Fitting	1	37	731-04914	Throttle Control Knob	1
19	01003283	Oil Drain Extension Hose	1	38	751-3124D	Fuel Cap	1

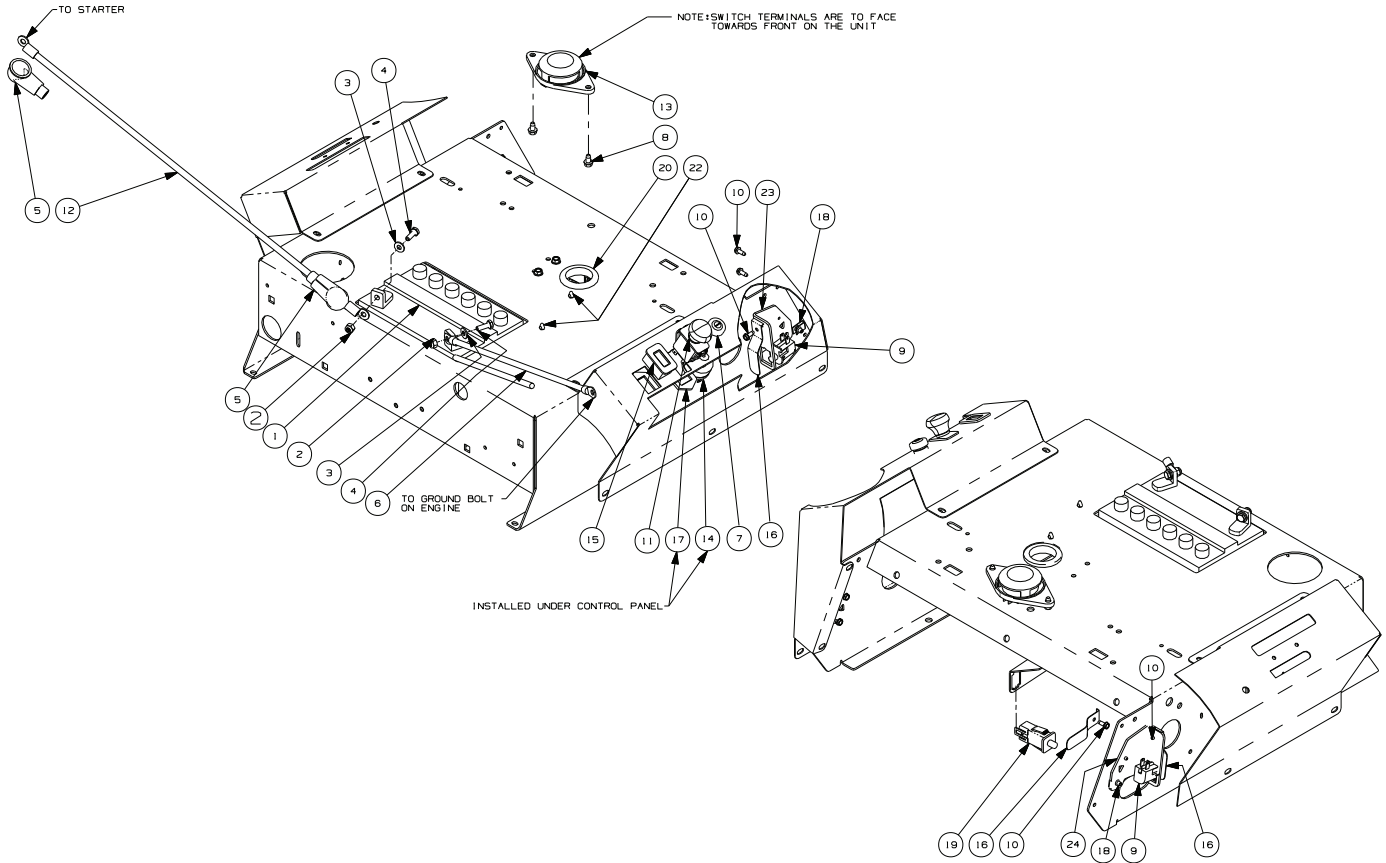
Electrical Assembly - Figure 15 and Parts List



GD: 853-000057-12/12/08

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00012032	Battery, 12V 225CCA 30Min	1	16	01003277	Normally Closed Seat Switch	1
2	00012152	Lock Nut, Nylon Insert, 1/4-20	2	17	01003581	Switch, Ignition, 6 Pin	1
3	00012154	Flat Washer, 1/4	2	18	01007597	Hour Meter includes:	1
4	712-0429	Nut, 5/16-18, Nylock	2	19	02004259	Clip	1
5	710-3015	Hex Cap Screw, 1/4-20 x .75	2	20	01008042	Safety Switch Retainer Spring	3
6	00013258	Boot, 1" OD Rubber Battery-PST Red	4	21	01009905	PTO Switch Bracket	1
7	00014608	Lock Nut, Nylon Insert, 10 - 32	1	22	01009931	U-nut, 10-24	2
8	00024233	Cable, Battery, Black, 17"	1	23	02000024	Switch, Safety N.O./N.C.	1
9	00032097	Nut, 5/8-32, w/Cap	1	24	02001134	Grommet, 1.5 ID x 2.13 OD	1
10	01000628	Self Tapping Screw, 1/4-20 x 1/2	4	25	02002990	Harness Assembly (not shown)	1
11	01001717	Normally Closed Safety Switch	2	26	02003037	Electrical Conduit Clip, 1/2	2
12	01001864	Self Tapping Screw, 10-32 x 1/2	7	27	02005213	Harness Assembly (not shown)	1
13	01002111	Electric PTO Switch	1	28	02003926	Bracket, Safety Switch, Right Hand	1
14	01002228	Solenoid Magnetic Switch	1		02003927	Bracket, Safety Switch, Left Hand	1
15	01002252	Cable, Battery, Red, 24"	2				

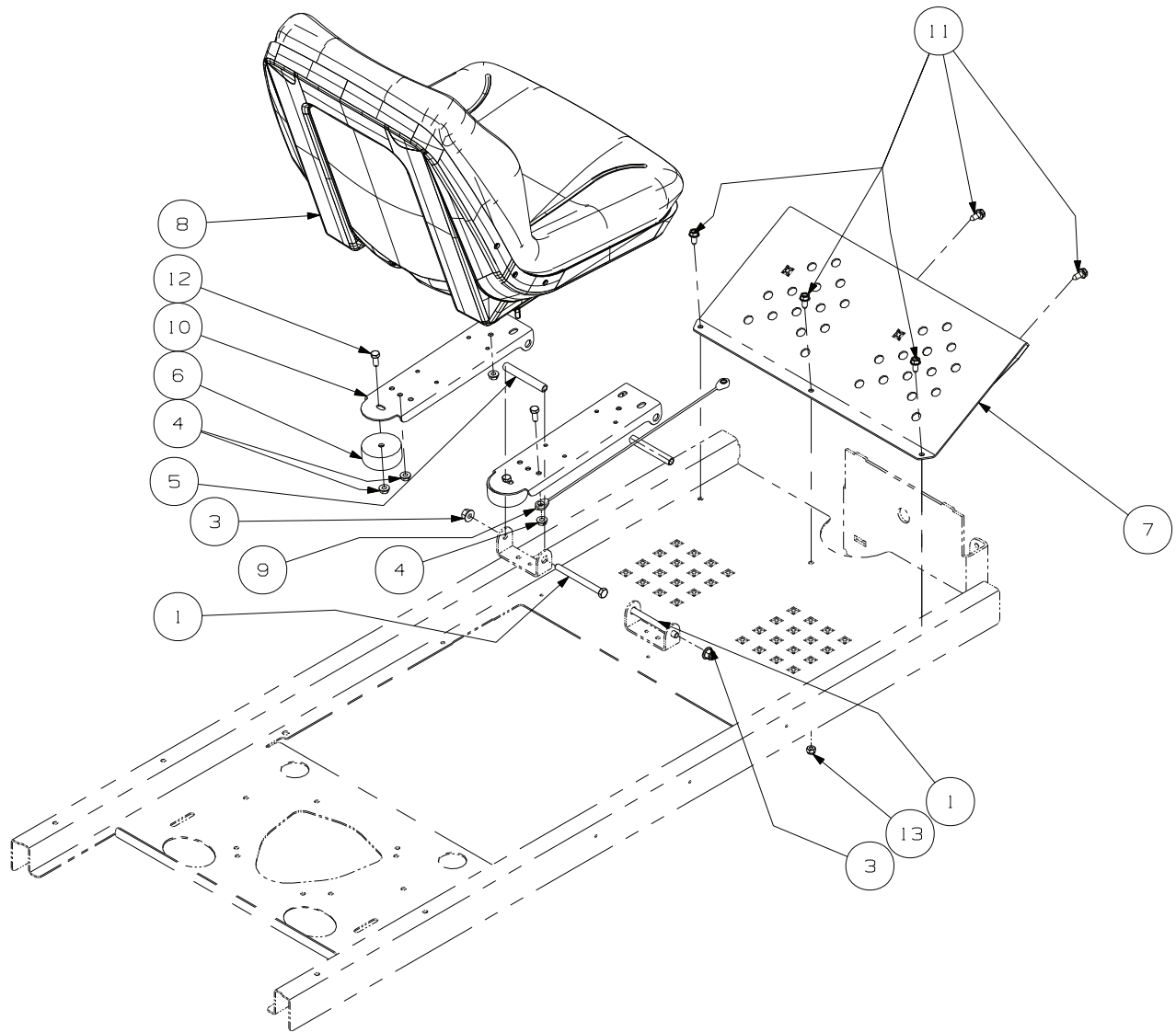
Electrical Assembly Aussie - Figure 16 and Parts List



GD: 853-000054-09/19/08

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00012032	Battery, 12V 225CCA 30Min	1	14	01003581	Switch, Ignition, 6 Pin	1
2	00012152	Lock Nut, Nylon Insert, 1/4-20	2	15	01007597	Hour Meter includes:	1
3	00012154	Flat Washer, 1/4	2		02004259	Clip	1
4	710-3015	Hex Cap Screw, 1/4-20 x .75	2	16	01008042	Safety Switch Retainer Spring	3
5	00013258	Boot, 1" OD Rubber Battery-PST Red	2	17	01009905	PTO Switch Bracket	1
6	00024233	Cable, Battery, Black, 17"	1	18	01009931	U-nut, 10-24	2
7	00032097	Nut, 5/8-32, w/Cap	1	19	02000024	Switch, Safety N.O./N.C.	1
8	01000628	Self Tapping Screw, 1/4-20 x 1/2	2	20	02001134	Gromment, 1.5 ID x 2.13 OD	1
9	01001717	Normally Closed Safety Switch	2	21	02002990	Harness Assembly (not shown)	1
10	01001864	Self Tapping Screw, 10-32 x 1/2	7	22	02003037	Electrical Conduit Clip, 1/2	2
11	01002111	Electric PTO Switch	1	23	02003926	Bracket, Safety Switch, Right Hand	1
12	01002252	Cable, Battery, Red, 24"	1	24	02003927	Bracket, Safety Switch, Left Hand	1
13	01003277	Normally Closed Seat Switch	1				

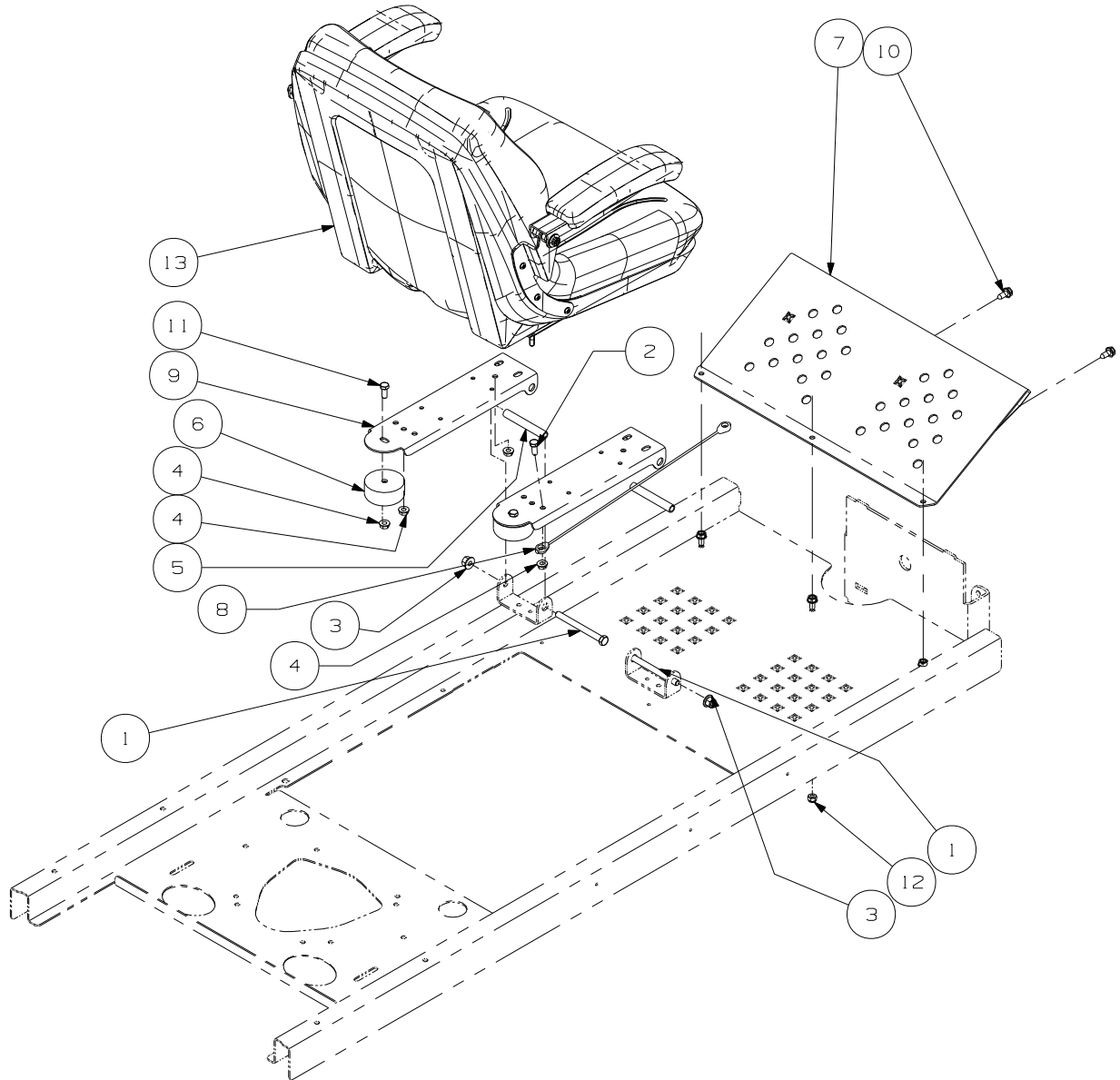
44" Seat Assembly - Figure 17 and Parts List



GD: 02003790-10/01/08

Ref. No.	Part No.	Description	Qty.
1	00011925	Hex Cap Screw, 3/8-16, 4.00	2
2	00013404	Hex Cap Screw, 5/16-18 x 3/4	1
3	00022560	Flange Lock Hex Nut, 3/8-16	2
4	01000635	Nut, 5/16-18, Hex Flange Lock	7
5	01009872	Spacer, .370 ID x .500 OD x 3.45	2
6	02002952	Bumper, 2.50 OD x 1.13 Long	2
7	02002960	Foot Rest Bracket	1
8	02003766	Seat	1
9	02004062	Lift Cable	1
10	703-06691	Seat Mounting Bracket	2
11	710-04484	Self Tapping Screw 5/16-18 x .750	5
12	710-3008	Hex Cap Screw, 5/16-18 x .75	2
13	712-0429	Nylock Nut, 5/16-18	3

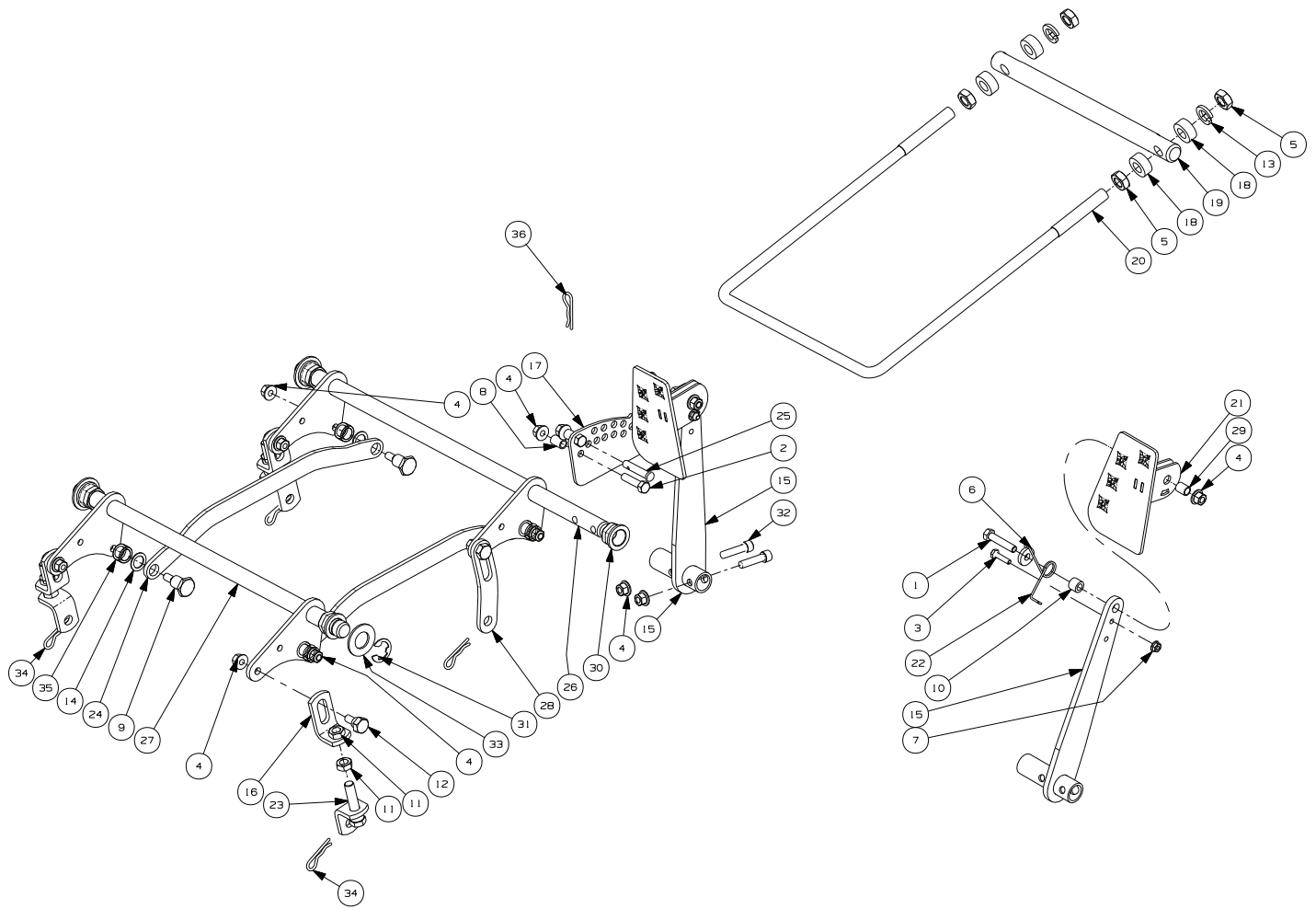
50" Seat Assembly - Figure 18 and Parts List



GD: 02003443-10/01/08

Ref. No.	Part No.	Description	Qty.
1	00011925	Hex Cap Screw, 3/8-16, 4.00	2
2	00013406	Hex Cap Screw, 5/16-18 x 3/4	1
3	00022560	Flange Lock Hex Nut, 3/8-16	2
4	01000635	Nut, 5/16-18, Hex Flange Lock	7
5	01009872	Spacer, .370 ID x .500 OD x 3.45	2
6	02002952	Bumper, 2.50 OD x 1.13 Long	2
7	02002960	Foot Rest Bracket	1
8	02004062	Lift Cable	1
9	703-06691	Seat Mounting Bracket	2
10	710-04484	Self Tapping Screw 5/16-18 x .750	5
11	710-3008	Hex Cap Screw, 5/16-18 x .75	2
12	712-0429	Nylock Nut, 5/16-18	3
13	757-04070	Seat	1

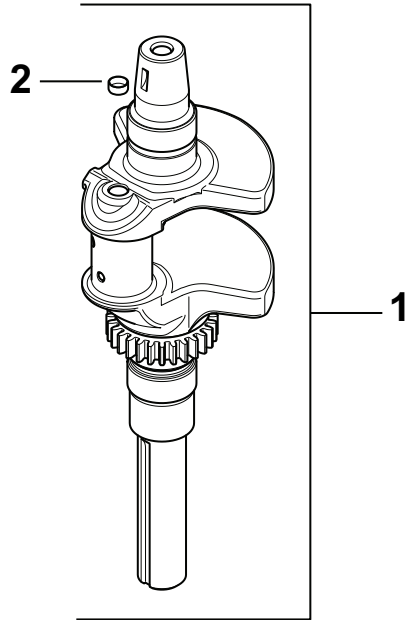
Lift Assembly - Figure 19 and Parts List



GD: 02004986-04/23/08

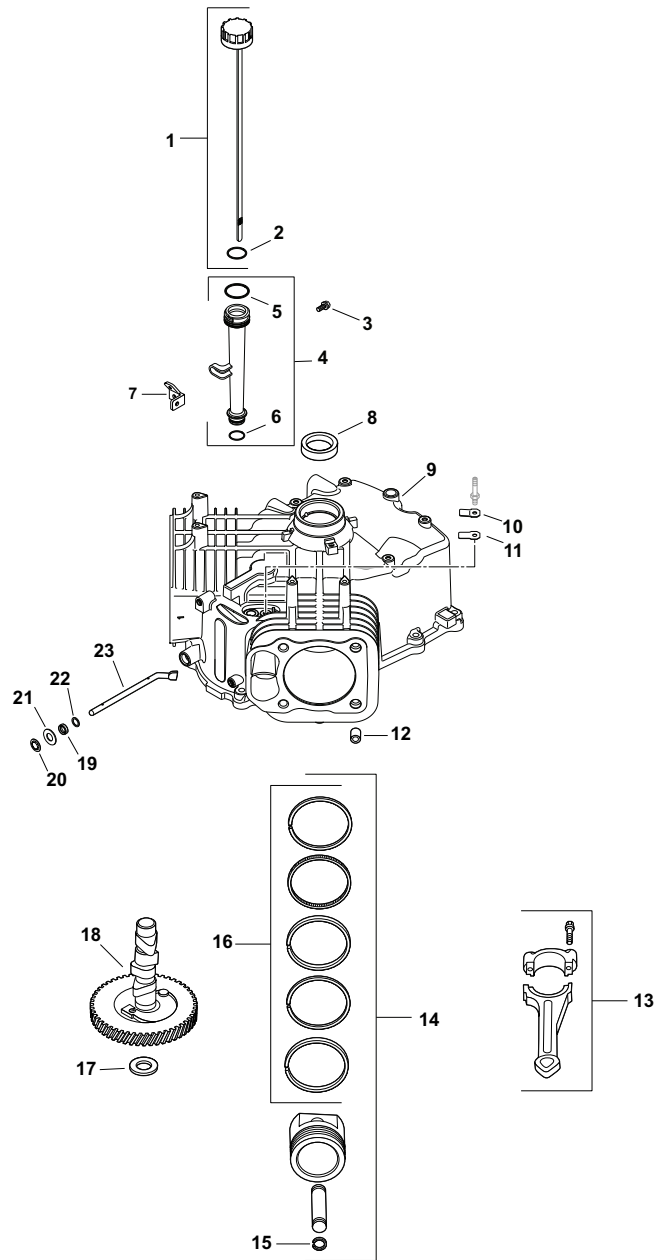
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00008495	Capscrew, 3/8-16 x 1-3/4	1	19	02004227	Trail Link Pivot Rod	1
2	00011438	Hex Cap Screw, 3/8-16 x 1-1/2	3	20	02002879	Front Lift Rod	1
3	00013416	Hex Cap Screw, 1/4-20 x 1.00	1	21	02002880	Foot Pedal Assembly	1
4	00022560	Nut, 3/8-16, Hex Flange Lock	14	22	02002882	Foot Lift Torsion Spring	1
5	712-3015	Jam Nut, 5/8-11	4	23	02002890	Lower Lift Bracket Assembly	3
6	00083192	Idler Washer	1	24	02002893	Lift Link	2
7	01002766	Nut, 1/4-20, Hex Flange Lock Nut	1	25	02002907	Clevis Pin, .375 x 1.89 x 2.125	1
8	01003468	Spacer, .375 x .50 x .75 Lg	3	26	02002915	Front Shaft Assembly	1
9	01003536	Shoulder Screw, 0.625 OD x .830 Lg.	4	27	02002916	Rear Shaft Assembly	1
10	01007312	Spacer, .625 OD x .385 ID x 1/2	1	28	02002979	Link Plate	1
11	01008658	Jam Nut, 1/2-20	6	29	02003436	Spacer, .380 ID x .500 OD x .605	1
12	02000393	Shoulder Screw, 3/8-16, .56 x .27	4	30	02003685	Hex Flange Bearing, .875 ID	4
13	02000671	Lock Washer, 5/8	2	31	02003716	E Clip, .875 Dia.	3
14	02001891	Washer, 1.00 OD x .625 ID x .048	4	32	02003717	Sockethead Capscrew, 3/8-16 x 1.50	2
15	02002374	Foot Lift Pivot Assembly	1	33	02003720	Flat Washer, .94 x 1.75 x .11	3
16	02002382	Deck Lift Bracket	3	34	02000673	Hair Pin	4
17	02004694	Index Plate	1	35	02005334	Spacer, .628 ID x .875 OD x .500	4
18	02003751	Spacer, .635 ID x 1.188 OD x .406	4	36	00021956	Hair Pin	1

SV810 20HP Crankshaft - Figure 20 and Parts List



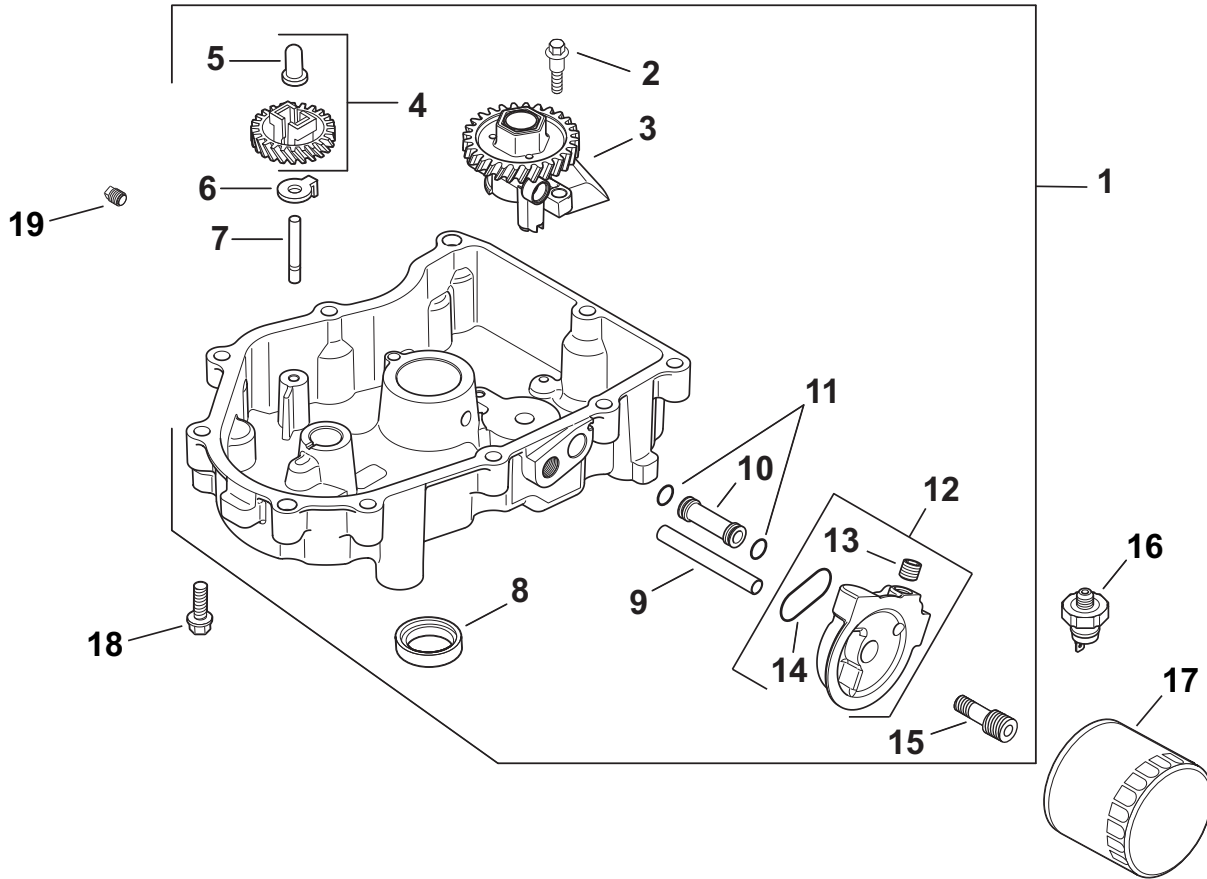
Ref. No.	Part No.	Description	Qty.
1	KH-32-014-04-S	Crankshaft (Includes 2)	1
2	KH-52-139-09-S	Plug, Cup	1

SV810 20HP Crankcase- Figure 21 and Parts List



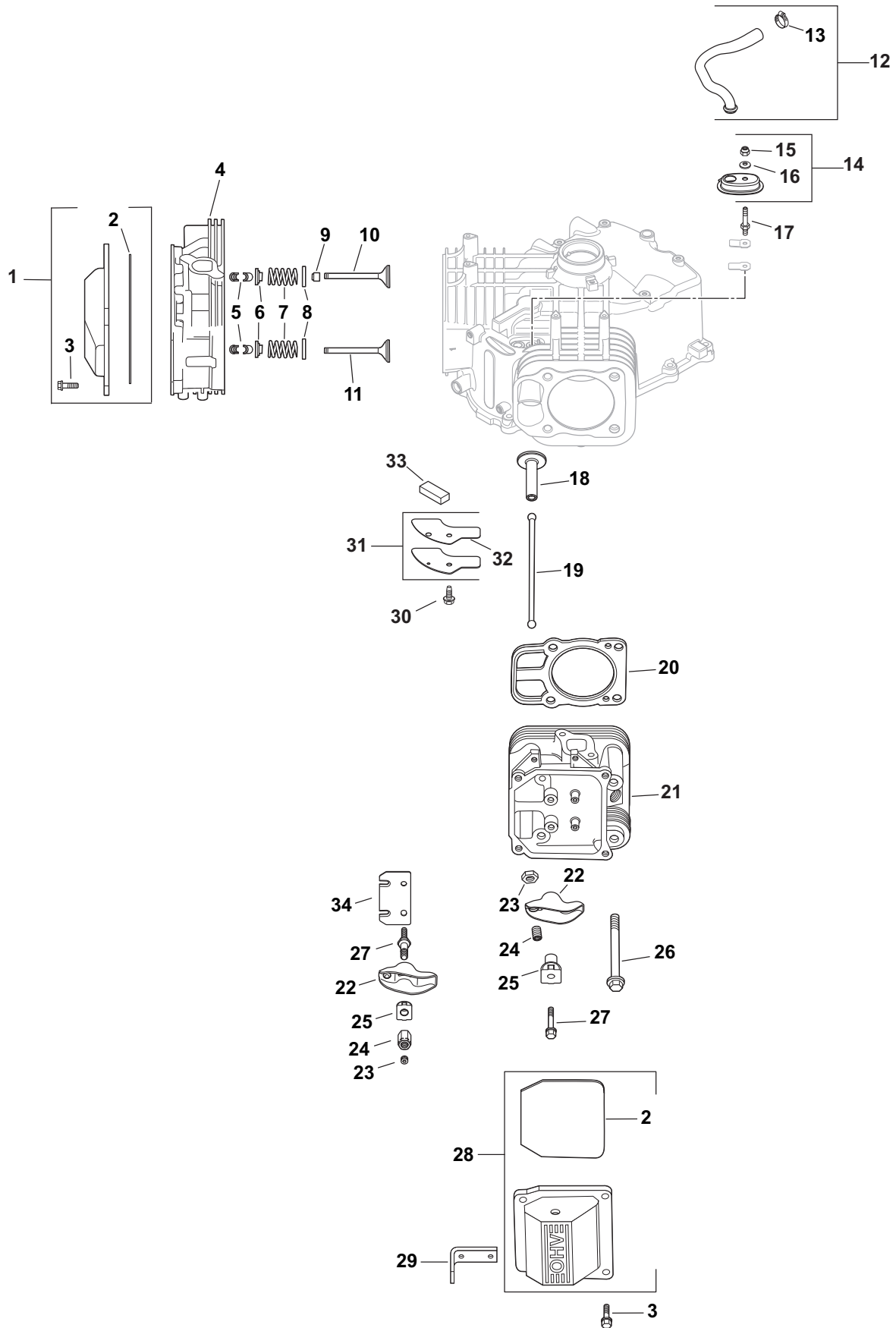
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-32-038-01-S	Dipstick, Assy (Cub Yellow) (includes 2)	1	16	KH-24-108-14-S	Ring Set (STD & .08)	2
2	KH-25-153-02-S	O-Ring, Dipstick	1		KH-24-108-16-S	Ring Set (.25)	1
3	KH-M-545013-S	Screw, Flg Thd Frm M5x0.8x13	1	17	KH-12-422-07-S	Shim, Camshaft (White .028)	AR
4	KH-12-123-04	Kit, Oil Fill Cap (Includes 5, 6)	1		KH-12-422-08-S	Shim, Camshaft (Blue .03)	AR
5	KH-12-153-02-S	O-Ring, Upper Oil Fill Tube	1		KH-12-422-09-S	Shim, Camshaft (Red .032)	AR
6	KH-12 153 01-S	O-Ring, Lower Oil Fill Tube	1		KH-12-422-10-S	Shim, Camshaft (Yellow .034)	AR
7	KH-24-126-19	Bracket, Oil Fill Tube	1		KH-12-422-11-S	Shim, Camshaft (Green .036)	AR
8	KH-24-032-19-S	Seal, Oil	1		KH-12-422-12-S	Shim, Camshaft (Gray .038)	AR
9		Crankcase (use: Sortblock KH-32-522-03)	1		KH-12-422-13-S	Shim, Camshaft (Black .04)	AR
10	KH-24-018-04-S	Retainer, Breather Reed	1	18	KH-32-012-01-S	Kit, Camshaft (Includes Lubricant)	1
11	KH-12-402-02	Reed, Breather	1	19	KH-28-032-09-S	Seal, Governor Cross Shaft	1
12	KH-24-380-16-S	Pin, Locating	6	20	KH-24-018-09-S	Retainer Ring	1
13	KH-24-067-24-S	Connecting Rod (STD)	2	21	KH-M-931010-S	Washer, Flat 9MM	1
14	KH-32-874-01-S	Kit, Piston w/ Ring (STD) (Includes 15, 16)	2	22	KH-24-468-15-S	Washer, Flat 11/32"	1
	KH-32-874-08-S	Kit, Piston w/ Ring (.25)	1	23	KH-24-144-38-S	Shaft, Governor Cross	1
	KH-32-874-27-S	Kit, Piston w/ Ring (.08)	1		KH-25-357-14-S	Lubricant, Camshaft (not shown)	1
15	kh-24-018-01-S	Retainer, Piston Pin	4				

SV810 20HP Oil Pan/Lubrication- Figure 22 and Parts List



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-32-199-04-S	Pan, Oil Assembly (Includes 2-16)	1	11	KH-24-153-01	O-Ring, Oil Pick-Up	2
2	KH-32-086-01-S	Screw, SHD THD FRM M6 x 1.0 x 26.5	2	12	KH-32-029-16-S	Kit, Adaptor Oil Filter (Includes 13, 14)	1
3	KH-32-393-10-S	Pump Assembly, Oil	1	13	KH-25-139-60-S	Plug, CTSK 1/8"	1
4	KH-24-043-12	Kit, Governor Gear w/ Pin (Includes 5)	1	14	KH-32-153-04-S	O-Ring, Oil Filter Adaptor	1
5	KH-12-380-01	Pin, Governor Regulating	1	15	KH-32-136-03-S	Nipple, Oil Filter	1
6	KH-24-448-02-S	Tab, Locking	1	16	KH-25-099-27-S	Switch, Oil Pressure	1
7	KH-12-144-02	Shaft, Governor Gear	1	17	KH-25-050-34-S	Filter, Oil	1
8	KH-25-032-06-S	Seal, Oil	1	18	KH-24-086-17-S	Screw, Flg M8 x 1.25 x 45	10
9	KH-32-123-01-S	Tube, Oil Feed-Filter to Pan	1	19	KH-25-139-57-S	Plug, Sq Hd Pipe 3/8"	1
10	KH-32-123-03-S	Tube, Oil Feed-Pan to Filter	1				

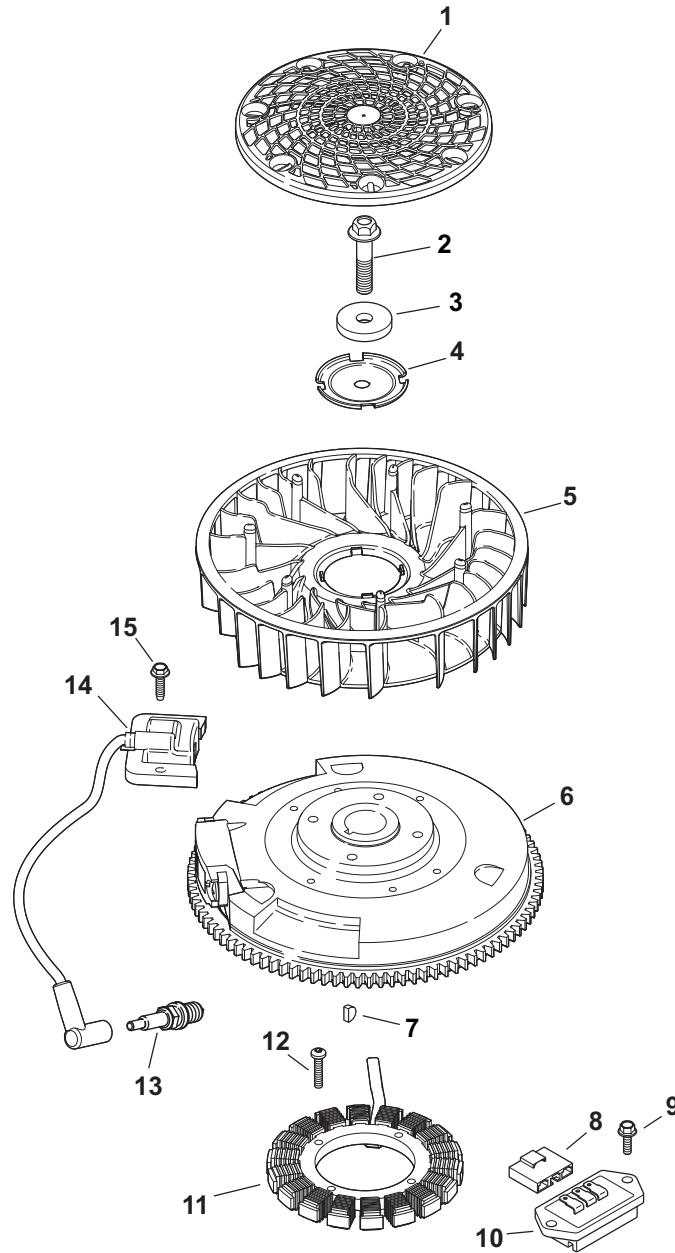
SV810 20HP Head/Valve/Breather- Figure 23



SV810 20HP Head/Valve/Breather- Parts List for Figure 23

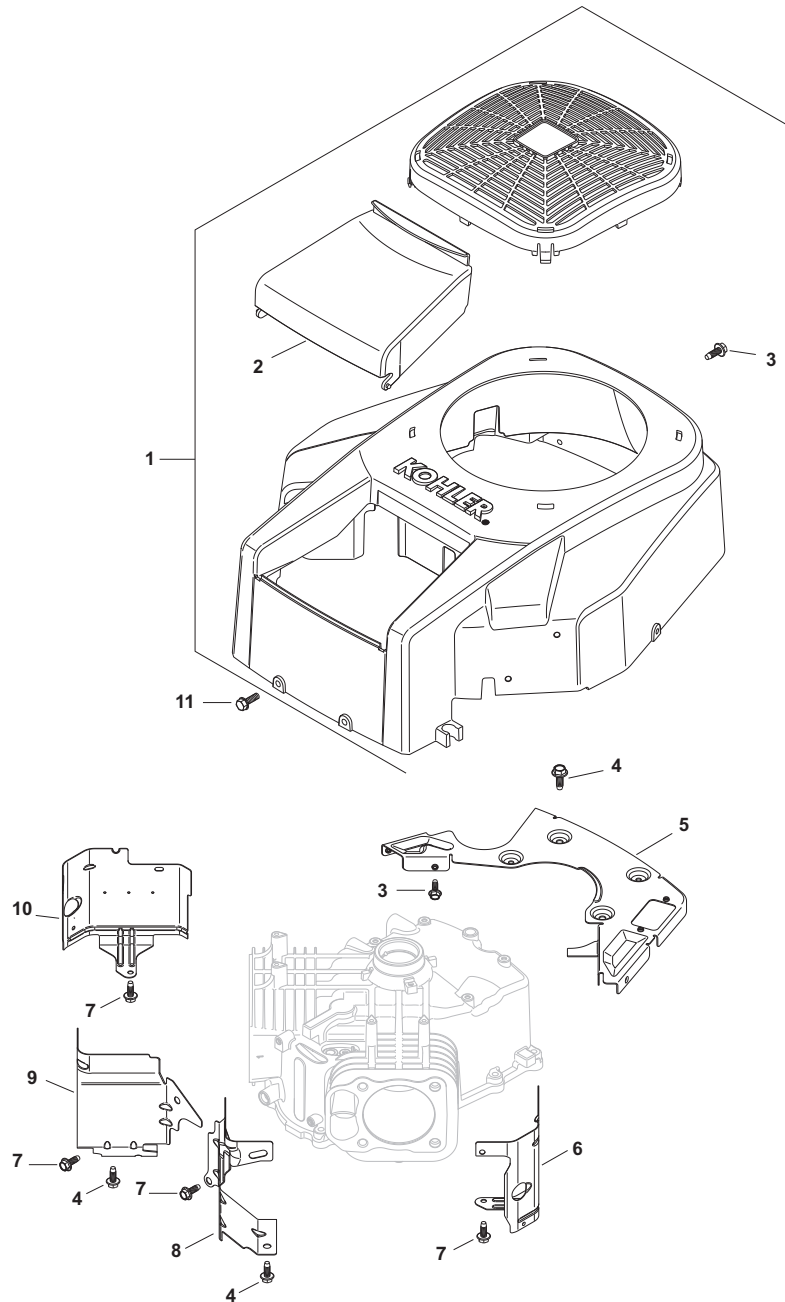
Ref. No.	Part No.	Description	Qty.
1	KH-24-755-141-S	KIT, PLAIN ROCKER COVER (INCLUDES 2[QTY 1], 3[QTY 4])	1
2	KH-24-153-30-S	O-RING, VALVE COVER	2
3	KH-M-651030-S	SCREW, FLG M6X1.0X30	8
4	KH-32-318-05-S	KIT, #1 CYLINDER HEAD ASSY (INCLUDES 26[QTY 4] & KH-24-841-03-S)	1
5	KH-12-755-03	KIT, RETAINER	4
6	KH-12-173-01	CAP, VALVE SPRING	4
7	KH-24-089-02	SPRING, VALVE	4
8	KH-235011-S	RETAINER, SPRING	4
9	KH-66-032-05-S	SEAL, VALVE STEM	2
10	KH-24-017-01	VALVE, INTAKE (STD)	2
11	KH-24-016-01	VALVE, EXHAUST (STD)	2
12	KH-32-326-06-S	KIT, BREATHER HOSE (INCLUDES 13[QTY 1])	1
13	KH-25-237-14-S	CLAMP, HOSE	5
14	KH-32-081-02-S	KIT, BREATHER HOUSING (INCLUDES 15,16)	1
15	KH-M-547050-S	NUT, LOCK M5X0.8	1
16	KH-32-468-01-S	WASHER, SEALING	1
17	KH-32-072-03-S	STUD, BREATHER COVER	1
18	KH-32-019-01-S	KIT, TAPPET	4
19	KH-32-411-04-S	ROD, PUSH	4
20	KH-24-841-03-S	KIT, CYLINDER HEAD GASKET (INCLUDES HEAD MOUNTING HARDWARE & KH-24-041-49-S, KH-24-153-27-S)	2
21	KH-32-318-06-S	KIT, #2 CYLINDER HEAD ASSY (INCLUDES 26[QTY 4] & KH-24-841-03-S)	1
22	KH-32-186-03-S	ARM, ROCKER	4
23	KH-25-100-33-S	NUT, M10X0.75	4
24	KH-25-086-128-S	SCREW, SET	4
25	KH-25-599-01-S	PIVOT, ROCKER ARM	4
26	KH-12-086-16	SCREW, FLG M10X1.5X90	8
27	KH-32-072-04-S	STUD, ROCKER	4
28	KH-32-096-06-S	KIT, BREATHER VALVE COVER (INCLUDES 2[QTY 1])	1
29	KH-25-445-01-S	STRAP, LIFTING	1
30	KH-M-645016-S	SCREW, FLG THD FRM M6X1.0X16	1
31	KH-32-096-04-S	KIT, BREATHER COVER (INCLUDES 32)	1
32	KH-32-041-01-S	GASKET, BREATHER COVER	1
33	KH-32-050-01-S	FILTER, BREATHER	1
34	KH-32-146-08-S	PLATE, GUIDE	2
	KH-24-041-49-S	GASKET, EXHAUST	1
	KH-24-153-27-S	O-RING, INTAKE PORT	1
	KH-32-755-03-S	KIT, CYLINDER HEAD HARDWARE (Not Shown) (SERVICES 1 HEAD. QUANTITIES LISTED ARE FOR BOTH HEADS) (INCLUDES 5-11, 19, 22, 25, 34))	2

SV810 20HP Ignition/Electrical- Figure 24 and Parts List



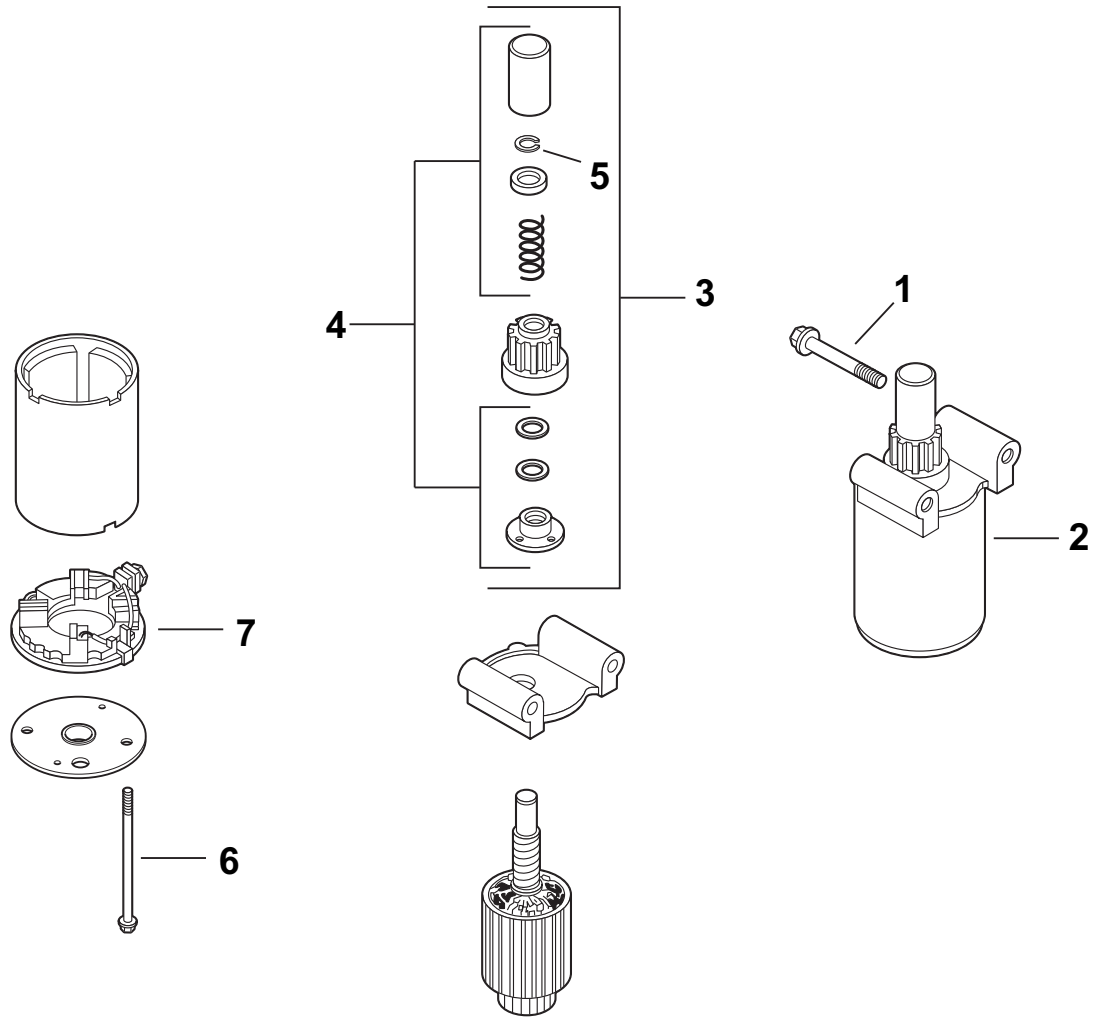
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-32-162-03-S	Screen, Grass	1	10	KH-41-403-10-S	Rectifier-Regulator	1
2	KH-12-086-14	Screw, FLG M10X1.5X45	1	11	KH-237878	Kit, 15 Amp Stator (Includes KH-25 452 01-S)	1
3	KH-12-468-03	Washer, Flat 13/32"	1	12	KH-20-086-22-S	Screw, TRX HD Drive Fastener	2
4	KH-20-146-05-S	Plate, Fan Mounting	1	13	KH-25-132-12-S	Plug, Spark	2
5	KH-32-157-01-S	Fan	1	14	KH-24-584-45-S	Module, Ignition (CDI Fixed)	2
6	KH-32-025-16-S	Flywheel	1	15	KH-M-545020-S	Screw, FLG THD FRM M5 x 0.8 x 20	4
7	KH-X-42-15	Key, 3/16" x 5/8"	1		KH-25-454-03-S	Tie, Wire	2
8	KH-236602-S	Connector (3 Contact)	1		KH-32-176-16-S	Harness, Wiring	1
9	KH-M-545016-S	Screw, Hvy Flg M5 x 0.8 x 16	2		KH-25-452-01-S	Terminal	2

SV810 20HP Blower Housing & Baffles- Figure 25 and Parts List



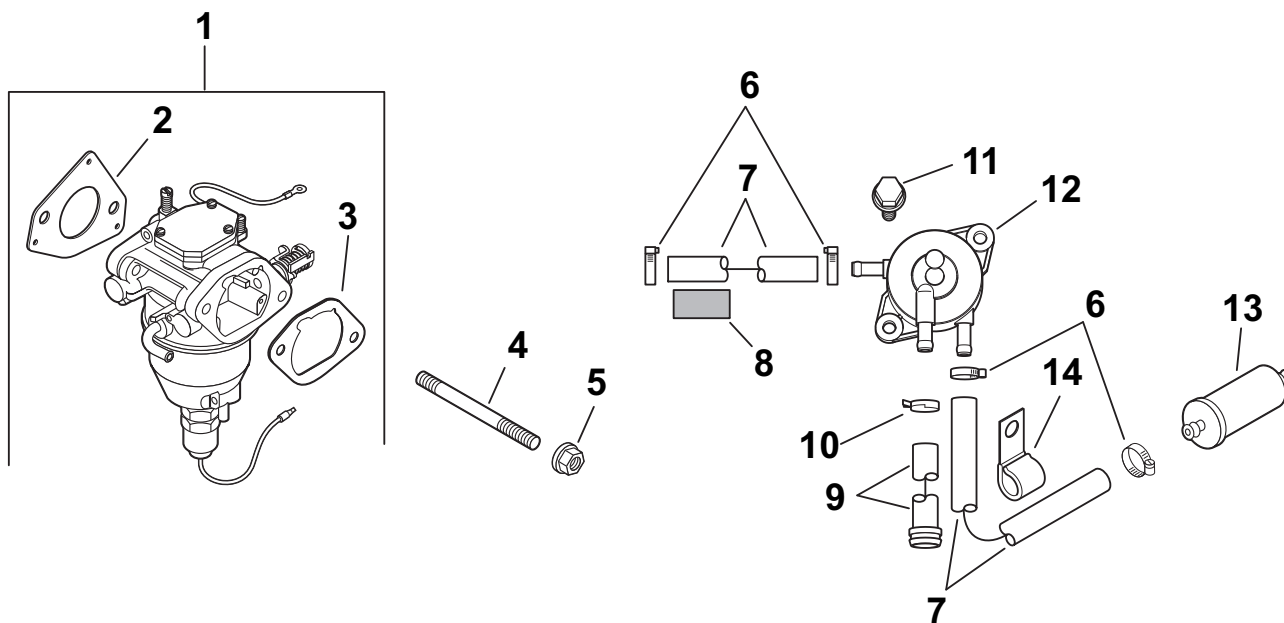
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-32-027-08-S	Kit, Blower Housing-Fixed Guard (Includes 2 & KH-41 037 10-S)	1	8	KH-32-063-02-S	Baffle, Valley #2 Side	1
2	KH-32-096-09-S	Cover, Air Cleaner (Black)	1	9	KH-32-063-03-S	Baffle, Valley #1 Side	1
3	KH-M-545010	Screw, FLG THD FRM M5 x .8 x 10	4	10	KH-32-063-10-S	Baffle, CYL Barrel - #1 Side	1
4	KH-M-545016-S	Screw, FLG THD FRM M5 x .8 x 16	8	11	KH-24-086-12	Screw, Tap M6 x 1.7 x 18	2
5	KH-32-146-05-S	Kit, Backing Plate	1		KH-32-113-11-S	Decal, Fixed Guard (not shown)	1
6	KH-32-063-12-S	Baffle, Cyl Barrel #2 Side	1		KH-41-037-10-S	Nameplate, Service (not shown)	1
7	KH-M-645016-S	Screw, FLG THD FRM M6 x 1.0 x 16	6				

SV810 20HP Starting System- Figure 26 and Parts List



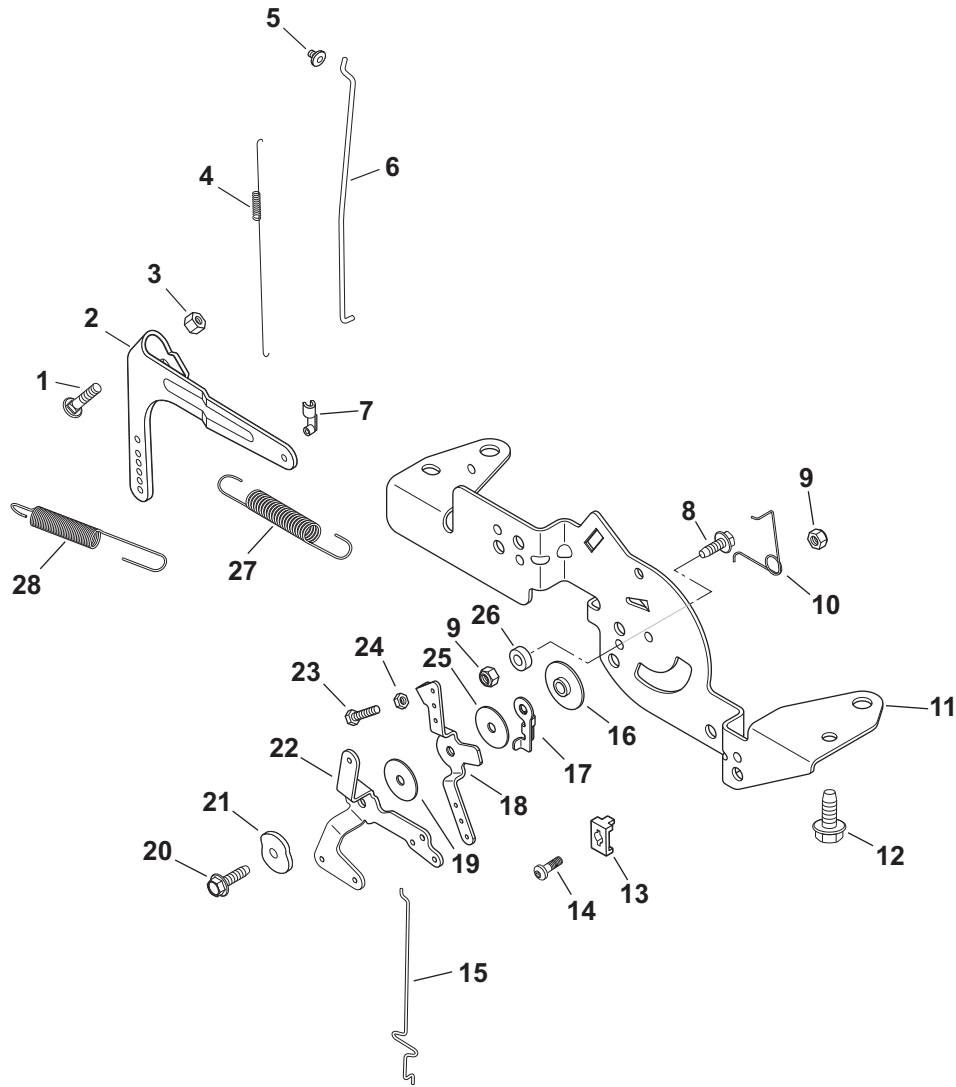
Ref. No.	Part No.	Description	Qty.
1	KH-M-839080	Screw, FLG M8 x 1.25 x 80	2
2	KH-32-098-01-S	Starter Assembly	1
3	KH-12-755-39-S	Kit, Drive	1
4	KH-12-755-38-S	Kit, Drive Parts (Includes 5)	1
5	KH-32-141-01-S	Ring, Retaining	1
6	KH-32-211-01-S	Bolt, Thru	2
7	KH-12-243-04-S	Commutator, End Cap	1

SV810 20HP Fuel System- Figure 27 and Parts List



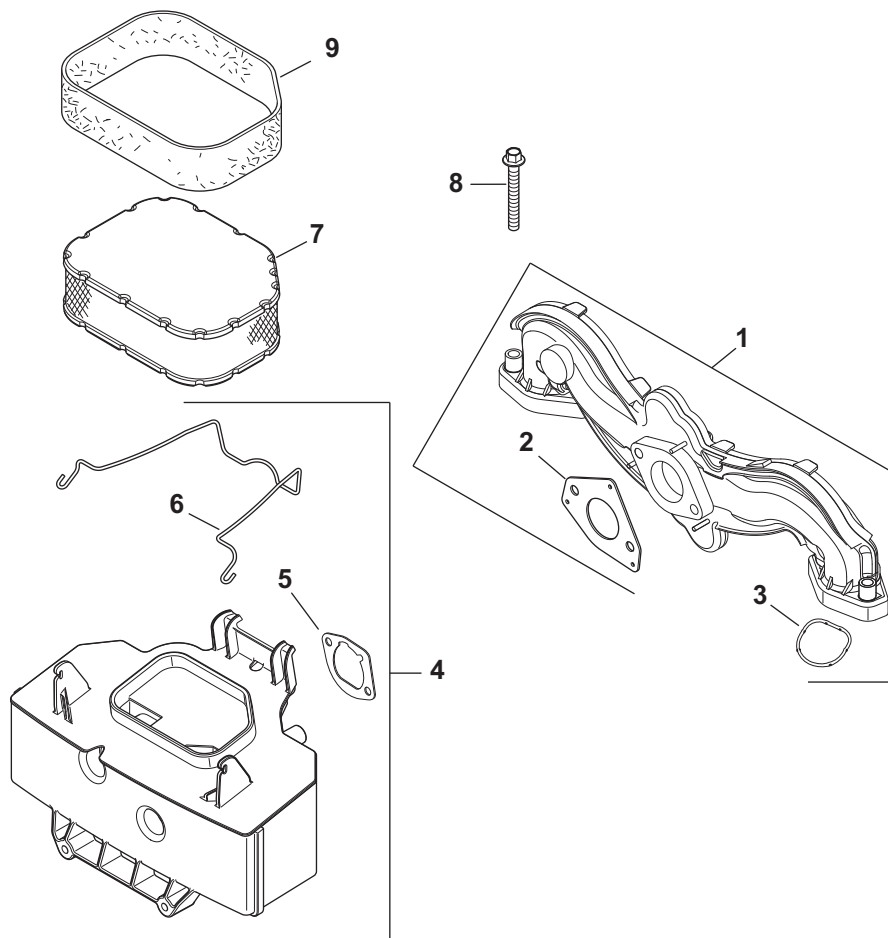
Ref. No.	Part No.	Description	Qty.
1	KH-32-853-07-S	KIT, CARBURETOR W/GASKETS (INCLUDES 2,3)	1
2	KH-24-041-52-S	GASKET, CARBURETOR	1
3	KH-24-041-14	GASKET, AIR CLEANER BASE	1
4	KH-M-629105-S	STUD, M6X1.0X106	2
5	KH-M-641060-S	NUT, FLG M6X1.0	2
6	KH-25-237-14-S	CLAMP, SPRING HOSE 1/2"	2
7	KH-25-111-34-S	LINE, FUEL (24"-CUT TO LENGTH)	1
8	KH-25-431-10-S	SLEEVE, ANTI ABRASION	1
9	KH-32-326-02-S	KIT, FUEL PUMP HOSE W/CLAMP (INCLUDES 10)	1
10	KH-25-237-01-S	CLAMP, HOSE	1
11	KH-24-086-12	SCREW, TAP M6X1.7X18	2
12	KH-24-393-16	PUMP, FUEL	1
13	KH-24-050-13-S	FILTER, FUEL	1
14	KH-47-154-01-S	CLIP, CABLE	1
	KH-24-086-05	SCREW, THROTTLE STOP (not shown)	1

SV810 20HP Engine Controls- Figure 28 and Parts List



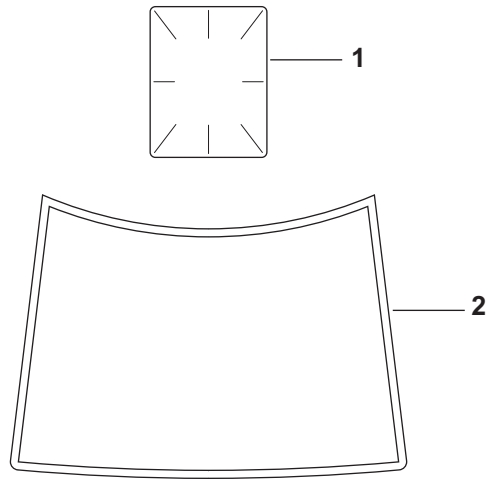
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-24-211-03-S	Bolt, RD HD SQ Neck M6 x 1.0 x 25	1	15	KH-24-079-22-S	Linkage, Choke	1
2	KH-24-090-51-S	Lever, Governor	1	16	KH-24-112-27-S	Spacer, Control Assembly	1
3	KH-M-641060-S	Nut, FLG M6 x 1.0	1	17	KH-24-090-47-S	Lever, Throttle Actuator	1
4	KH-24-089-01	Spring, Linkage	1	18	KH-24-090-13	Lever, Throttle Control	1
5	KH-25-158-08	Bushing, Linkage Retaining	1	19	KH-24-468-01	Washer, Flat 5.5 MM	1
6	KH-24-079-04	Linkage, Throttle	1	20	KH-M-545020-S	Screw, FLG THD FRM M5 x 0.8 x 20	1
7	KH-25-158-11	Bushing, Throttle Linkage	1	21	KH-41-468-03	Washer, Spring 1/4"	1
8	KH-M-545016-S	Screw, FLG THD FRM M5 x 0.8 x 16	1	22	KH-24-090-05	Lever, Choke	1
9	KH-M-547050-S	Nut, Lock M5 x 0.8	2	23	KH-M-403025	Screw, Slit Hd Cap M4 x 0.7 x 25	1
10	KH-24-089-03	Spring, Choke Return	1	24	KH-M-446030-S	Nut, M4 x 0.7	1
11	KH-24-126-161-S	Bracket, Control	1	25	KH-24-468-20-S	Washer, Flat 5 MM	1
12	KH-M-645016-S	Screw, FLG THD FRM M6 x 1.0 x 16	4	26	KH-24-089-55-S	Spring, Governor	1
13	KH-12-237-01	Clamo, Cable	2	27	KH-24-089-18	Spring, Governor	1
14	KH-24-086-43-S	Screw, LBD THD FRM M5 x 0.8 x 16	2				

SV810 20HP Air Intake/Filtration- Figure 29 and Parts List



Ref. No.	Part No.	Description	Qty.
1	KH-24-164-51-S	Manifold, Intake (Includes 2, 3)	1
2	KH-24-041-52-S	Gasket, Carburetor	1
3	KH-24-153-27-S	O-Ring, Intake Port	1
4	KH-32-094-04-S	Kit, Air Cleaner Base (Includes 5, 6)	1
5	KH-24-041-14	Gasket, Air Cleaner Base	1
6	KH-32-344-03-S	Latch, Air Cleaner Element	1
7	KH-32-083-06-S	Element, Air Filter	1
8	KH-M-651040-S	Screw, FLG M6 x 1.0 x 40	4
9	KH-32-083-08-S	Element, Pre-Cleaner	1

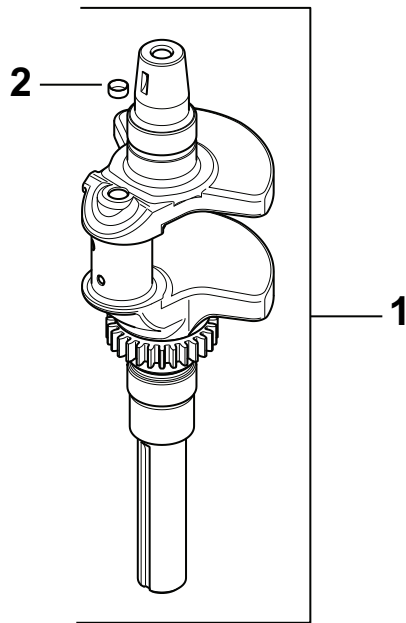
SV810 20HP Decals- Figure 30 and Parts List



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

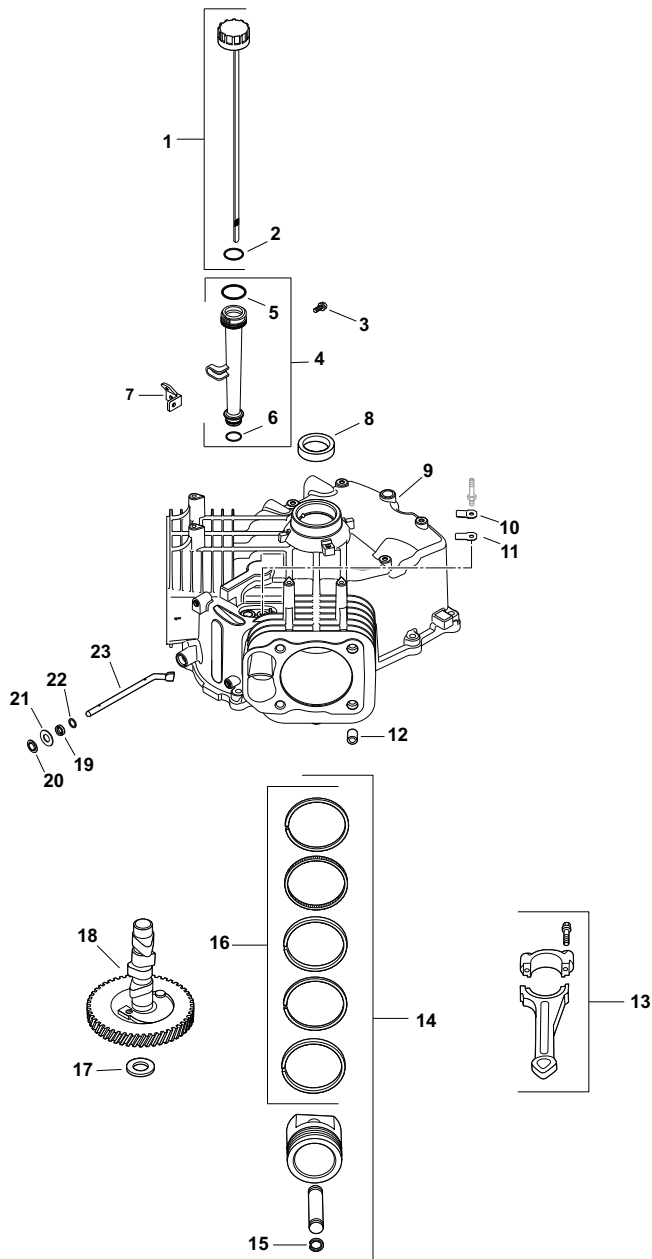
Ref. No.	Part No.	Description	Qty.
1	KH-25-113-39-S	Decal, Clear Laminate	1
2	KH-32-113-35-S	Decal, 20HP	1

SV820 23HP Crankshaft- Figure 31 and Parts List



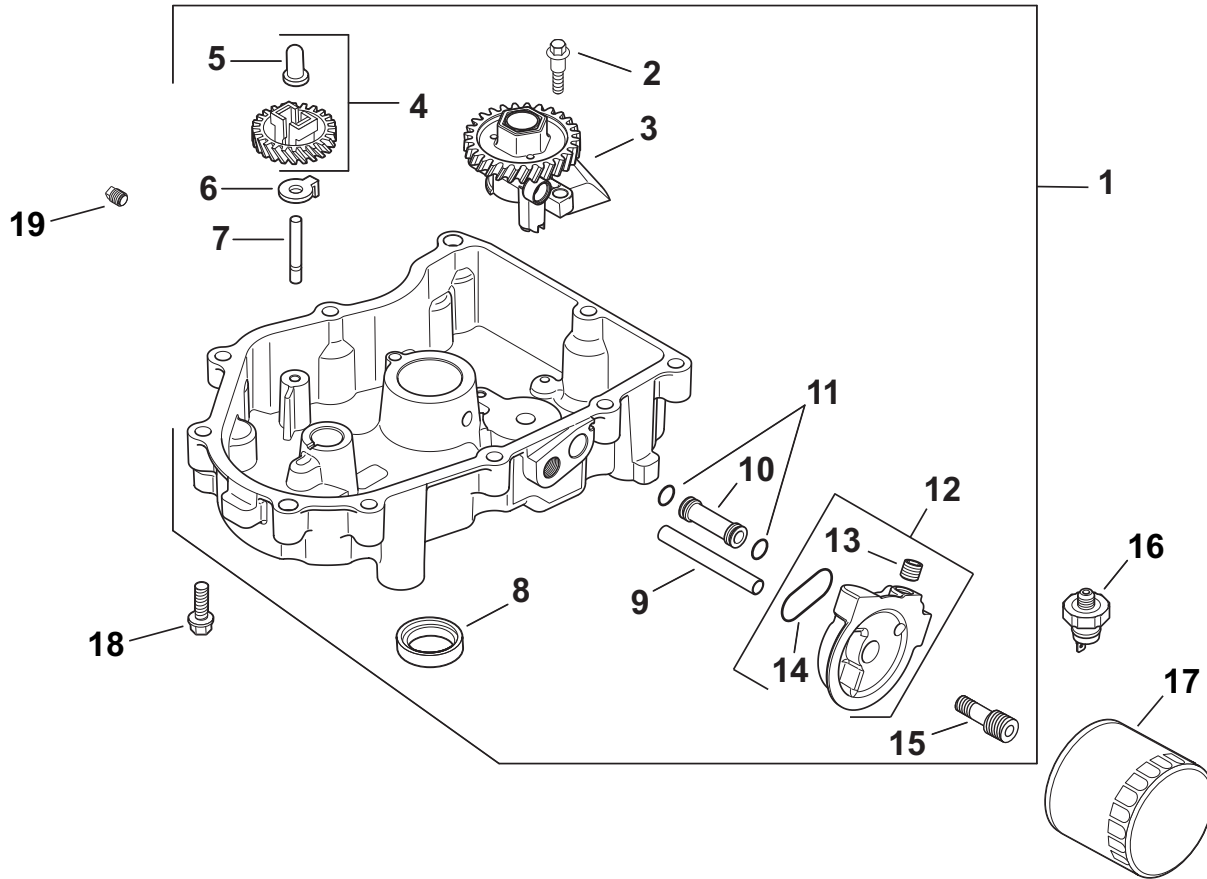
Ref. No.	Part No.	Description	Qty.
1	KH-32-014-04-S	Crankshaft (Includes 2)	1
2	KH-52-139-09-S	Plug, Cup	1

SV820 23HP Crankcase- Figure 32 and Parts List



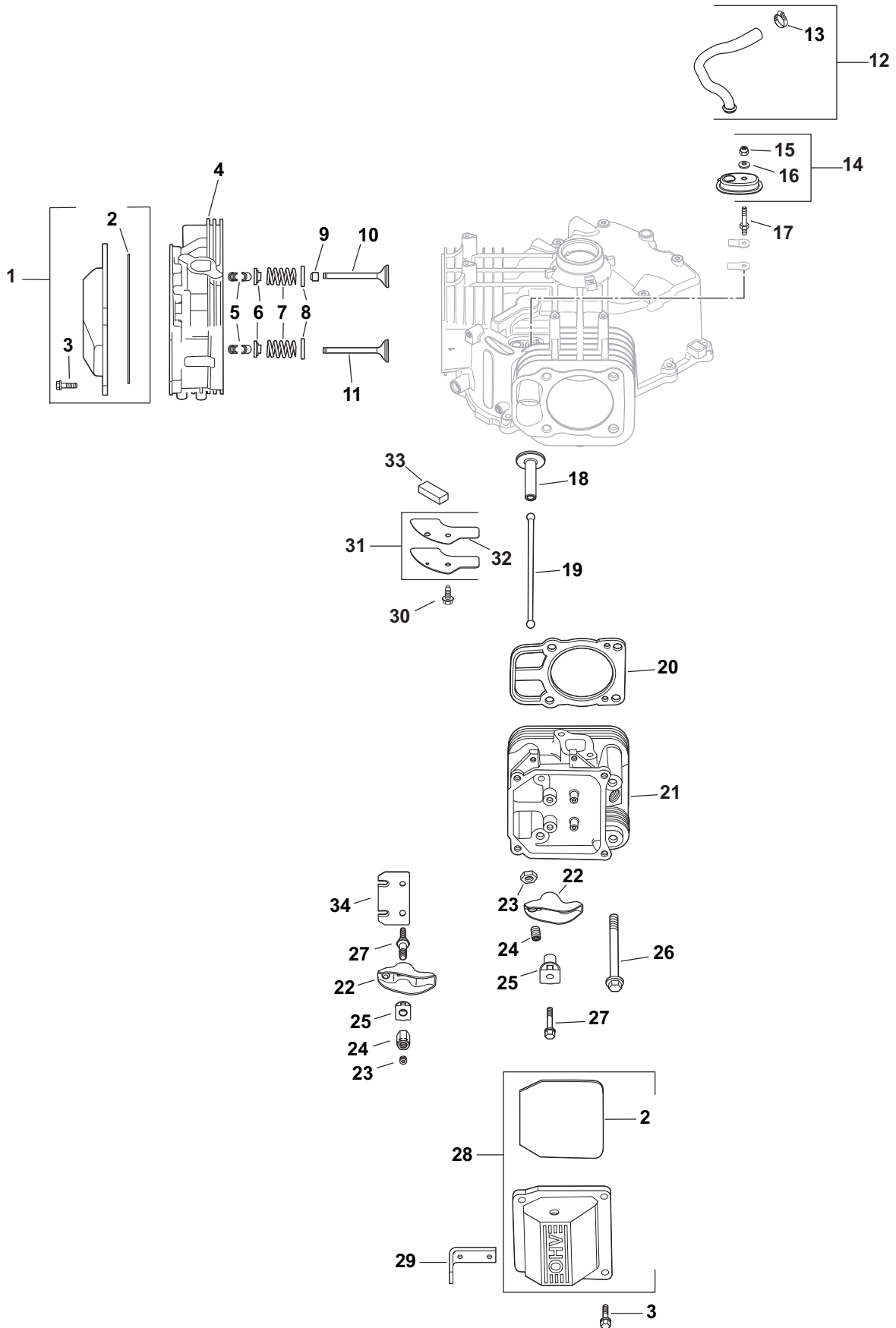
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-32-038-01-S	Dipstick, Assy (Cub Yellow) (includes 2)	1	16	KH-24-108-14-S	Ring Set (STD & .08)	2
2	KH-25-153-02-S	O-Ring, Dipstick	1		KH-24-108-16-S	Ring Set (.25)	1
3	KH-M-545013-S	Screw, Flg Thd Frm M5x0.8x13	1	17	KH-12-422-07-S	Shim, Camshaft (White .028)	AR
4	KH-12-123-04	Kit, Oil Fill Cap (Includes 5, 6)	1		KH-12-422-08-S	Shim, Camshaft (Blue .03)	AR
5	KH-12-153-02-S	O-Ring, Upper Oil Fill Tube	1		KH-12-422-09-S	Shim, Camshaft (Red .032)	AR
6	KH-12-153-01-S	O-Ring, Lower Oil Fill Tube	1		KH-12-422-10-S	Shim, Camshaft (Yellow .034)	AR
7	KH-24-126-19	Bracket, Oil Fill Tube	1		KH-12-422-11-S	Shim, Camshaft (Green .036)	AR
8	KH-24-032-19-S	Seal, Oil	1		KH-12-422-12-S	Shim, Camshaft (Gray .038)	AR
9		Crankcase (use: Sortblock KH-32 522 03)	1		KH-12-422-13-S	Shim, Camshaft (Black .04)	AR
10	KH-24-018-04-S	Retainer, Breather Reed	1	18	KH-32-012-01-S	Kit, Camshaft (Includes Lubricant)	1
11	KH-12-402-02	Reed, Breather	1	19	KH-28-032-09-S	Seal, Governor Cross Shaft	1
12	KH-24-380-16-S	Pin, Locating	6	20	KH-24-018-09-S	Retainer Ring	1
13	KH-24-067-24-S	Connecting Rod (STD)	2	21	KH-M-931010-S	Washer, Flat 9MM	1
14	KH-32-874-01-S	Kit, Piston w/ Ring (STD) (Includes 15, 16)	2	22	KH-24-468-15-S	Washer, Flat 11/32"	1
	KH-32-874-08-S	Kit, Piston w/ Ring (.25)	1	23	KH-24-144-38-S	Shaft, Governor Cross	1
	KH-32-874-27-S	Kit, Piston w/ Ring (.08)	1		KH-25-357-14-S	Lubricant, Camshaft (not shown)	1
15	KH-24-018-01-S	Retainer, Piston Pin	4				

SV820 23HP Oil Pan/Lubrication- Figure 33 and Parts List



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-32-199-04-S	Pan, Oil Assembly (Includes 2-16)	1	11	KH-24-153-01	O-Ring, Oil Pick-Up	2
2	KH-32-086-01-S	Screw, SHD THD FRM M6 x 1.0 x 26.5	2	12	KH-32-029-16-S	Kit, Adaptor Oil Filter (Includes 13, 14)	1
3	KH-32-393-10-S	Pump Assembly, Oil	1	13	KH-25-139-60-S	Plug, CTSK 1/8"	1
4	KH-24-043-12	Kit, Governor Gear w/ Pin (Includes 5)	1	14	KH-32-153-04-S	O-Ring, Oil Filter Adaptor	1
5	KH-12-380-01	Pin, Governor Regulating	1	15	KH-32-136-03-S	Nipple, Oil Filter	1
6	KH-24-448-02-S	Tab, Locking	1	16	KH-25-099-27-S	Switch, Oil Pressure	1
7	KH-12-144-02	Shaft, Governor Gear	1	17	KH-25-050-34-S	Filter, Oil	1
8	KH-25-032-06-S	Seal, Oil	1	18	KH-24-086-17-S	Screw, Flg M8 x 1.25 x 45	10
9	KH-32-123-01-S	Tube, Oil Feed-Filter to Pan	1	19	KH-25-139-57-S	Plug, Sq Hd Pipe 3/8"	1
10	KH-32-123-03-S	Tube, Oil Feed-Pan to Filter	1				

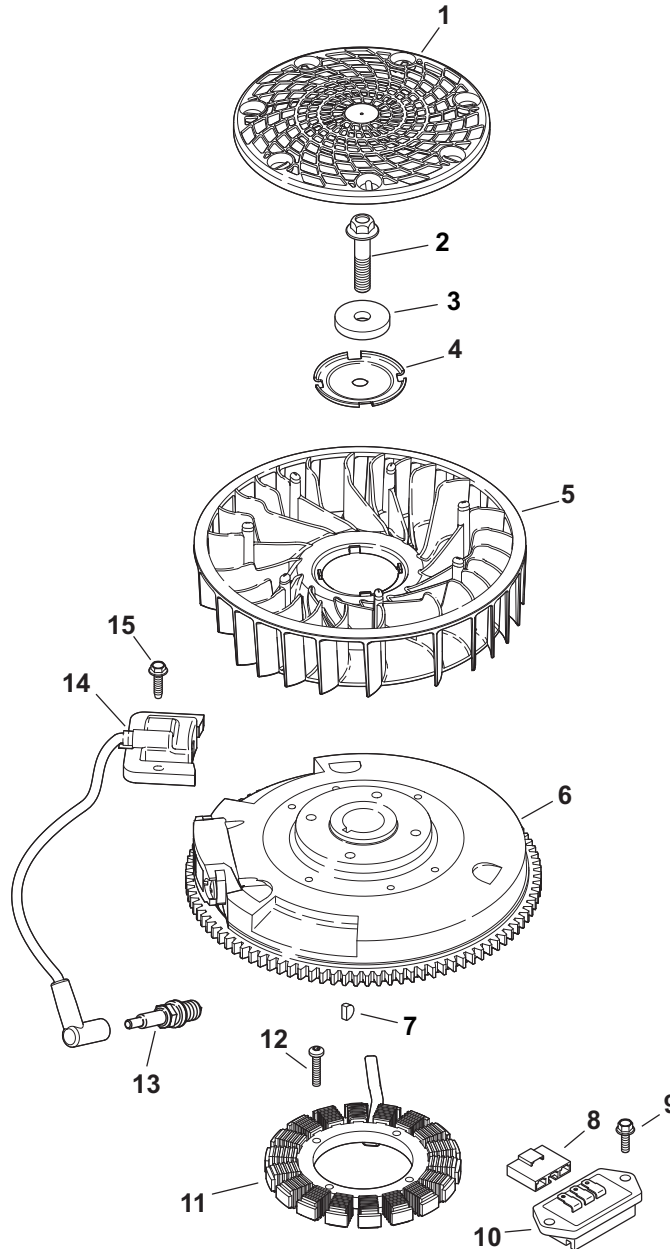
SV820 23HP Head/Valve/Breather- Figure 34



SV820 23HP Head/Valve/Breather- Parts List for Figure 34

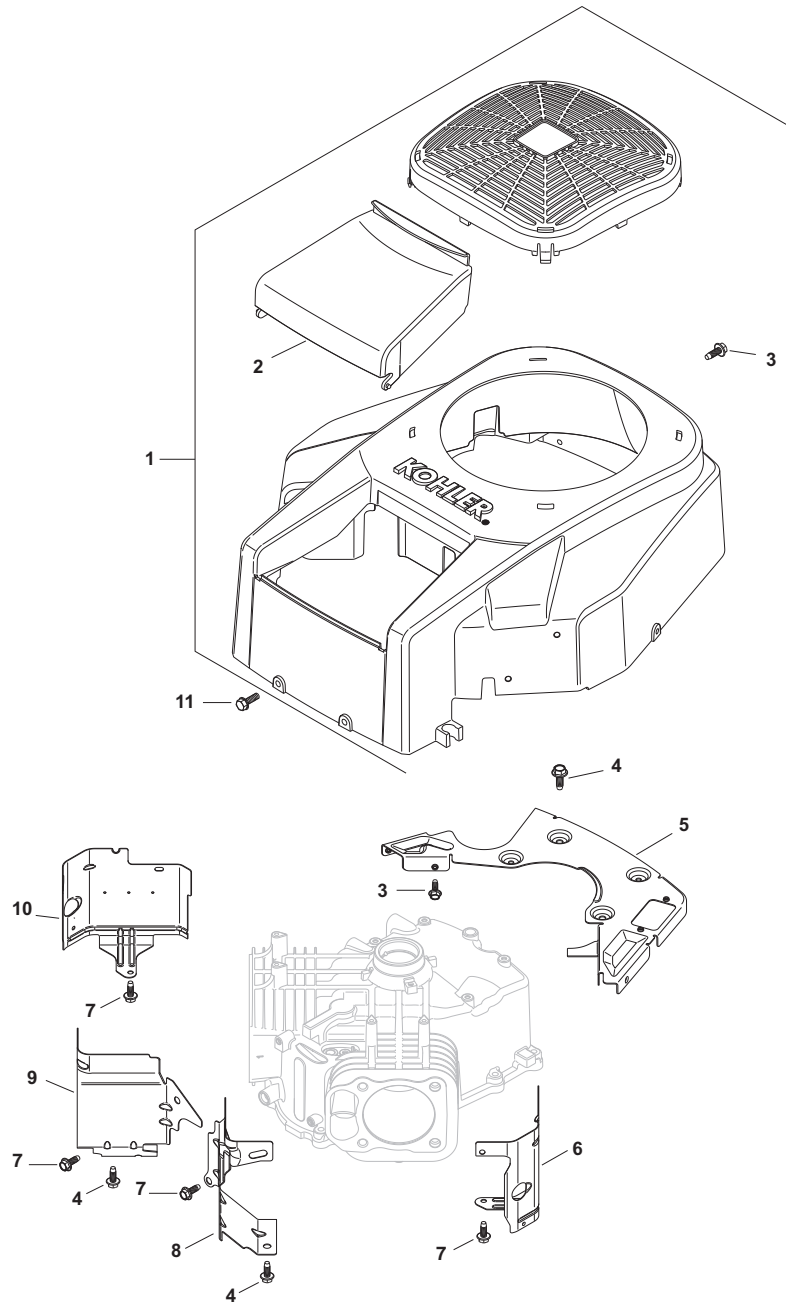
Ref. No.	Part No.	Description	Qty.
1	KH-24-755-141-S	KIT, PLAIN ROCKER COVER (INCLUDES 2[QTY 1], 3[QTY 4])	1
2	KH-24-153-30-S	O-RING, VALVE COVER	2
3	KH-M-651030-S	SCREW, FLG M6X1.0X30	8
4	KH-32-318-05-S	KIT, #1 CYLINDER HEAD ASSY (INCLUDES 26[QTY 4] & KH-24-841-03-S)	1
5	KH-12-755-03	KIT, RETAINER	4
6	KH-12-173-01	CAP, VALVE SPRING	4
7	KH-24-089-02	SPRING, VALVE	4
8	KH-235011-S	RETAINER, SPRING	4
9	KH-66-032-05-S	SEAL, VALVE STEM	2
10	KH-24-017-01	VALVE, INTAKE (STD)	2
11	KH-24-016-01	VALVE, EXHAUST (STD)	2
12	KH-32-326-06-S	KIT, BREATHER HOSE (INCLUDES 13[QTY 1])	1
13	KH-25-237-14-S	CLAMP, HOSE	5
14	KH-32-081-02-S	KIT, BREATHER HOUSING (INCLUDES 15,16)	1
15	KH-M-547050-S	NUT, LOCK M5X0.8	1
16	KH-32-468-01-S	WASHER, SEALING	1
17	KH-32-072-03-S	STUD, BREATHER COVER	1
18	KH-32-019-01-S	KIT,TAPPET	4
19	KH-32-411-04-S	ROD, PUSH	4
20	KH-24-841-03-S	KIT, CYLINDER HEAD GASKET (INCLUDES HEAD MOUNTING HARDWARE & KH-24-041-49-S, KH-24-153-27-S)	2
21	KH-32-318-06-S	KIT, #2 CYLINDER HEAD ASSY (INCLUDES 26[QTY 4] & KH-24-841-03-S)	1
22	KH-32-186-03-S	ARM, ROCKER	4
23	KH-25-100-33-S	NUT, M10X0.75	4
24	KH-25-086-128-S	SCREW, SET	4
25	KH-25-599-01-S	PIVOT, ROCKER ARM	4
26	KH-12-086-16	SCREW, FLG M10X1.5X90	8
27	KH-32-072-04-S	STUD, ROCKER	4
28	KH-32-096-06-S	KIT, BREATHER VALVE COVER (INCLUDES 2[QTY 1])	1
29	KH-25-445-01-S	STRAP, LIFTING	1
30	KH-M-645016-S	SCREW, FLG THD FRM M6X1.0X16	1
31	KH-32-096-04-S	KIT, BREATHER COVER (INCLUDES 32)	1
32	KH-32-041-01-S	GASKET, BREATHER COVER	1
33	KH-32-050-01-S	FILTER, BREATHER	1
34	KH-32-146-08-S	PLATE, GUIDE	2
	KH-24-041-49-S	GASKET, EXHAUST	1
	KH-24-153-27-S	O-RING, INTAKE PORT	1
	KH-32-755-03-S	KIT, CYLINDER HEAD HARDWARE (Not Shown) (SERVICES 1 HEAD. QUANTITIES LISTED ARE FOR BOTH HEADS) (INCLUDES 5-11, 19, 22, 25, 34))	2

SV820 23HP Ignition/Electrical- Figure 35 and Parts List



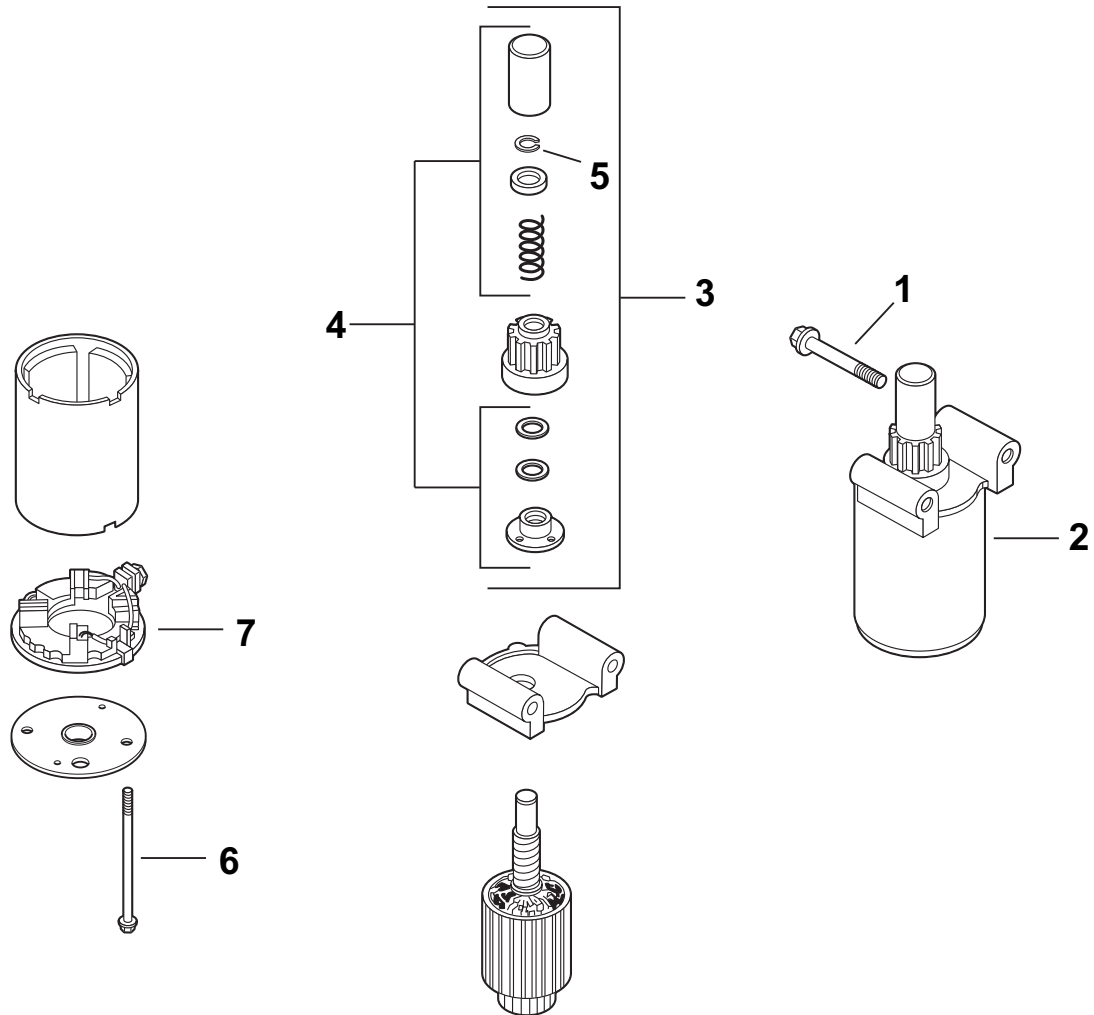
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-32-162-03-S	Screen, Grass	1	10	KH-41-403-10-S	Rectifier-Regulator	1
2	KH-12-086-14	Screw, FLG M10X1.5X45	1	11	KH-237878	Kit, 15 Amp Stator (Includes KH-25 452 01-S)	1
3	KH-12-468-03	Washer, Flat 13/32"	1	12	KH-20-086-22-S	Screw, TRX HD Drive Fastener	2
4	KH-20-146-05-S	Plate, Fan Mounting	1	13	KH-25-132-12-S	Plug, Spark	2
5	KH-32-157-01-S	Fan	1	14	KH-24-584-45-S	Module, Ignition (CDI Fixed)	2
6	KH-32-025-16-S	Flywheel	1	15	KH-M-545020-S	Screw, FLG THD FRM M5 x 0.8 x 20	4
7	KH-X-42-15	Key, 3/16" x 5/8"	1		KH-25-454-03-S	Tie, Wire	2
8	KH-236602-S	Connector (3 Contact)	1		KH-32-176-16-S	Harness, Wiring	1
9	KH-M-545016-S	Screw, Hvy Flg M5 x 0.8 x 16	2		KH-25-452-01-S	Terminal	2

SV820 23HP Blower Housing & Baffles- Figure 36 and Parts List



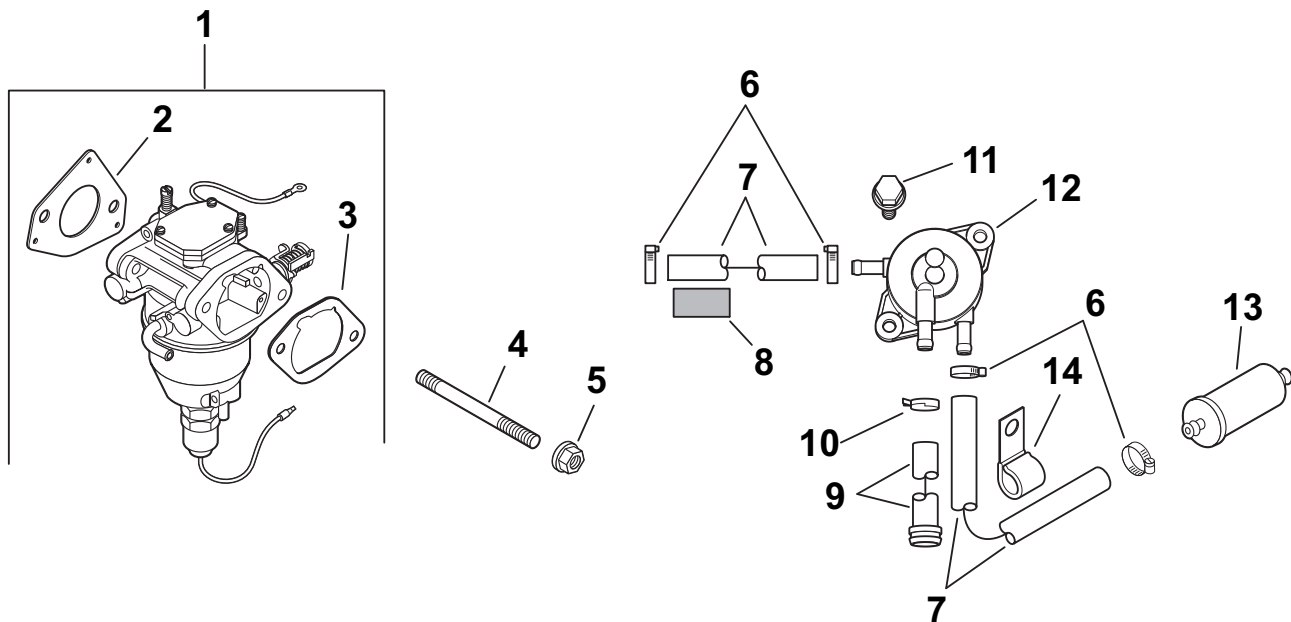
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-32-027-08-S	Kit, Blower Housing-Fixed Guard (Includes 2 & KH-41-037-10-S)	1	8	KH-32-063-02-S	Baffle, Valley #2 Side	1
2	KH-32-096-09-S	Cover, Air Cleaner (Black)	1	9	KH-32-063-03-S	Baffle, Valley #1 Side	1
3	KH-M-545010	Screw, FLG THD FRM M5 x .8 x 10	4	10	KH-32-063-10-S	Baffle, CYL Barrel - #1 Side	1
4	KH-M-545016-S	Screw, FLG THD FRM M5 x .8 x 16	8	11	KH-24-086-12	Screw, Tap M6 x 1.7 x 18	2
5	KH-32-146-05-S	Kit, Backing Plate	1		KH-32-113-11-S	Decal, Fixed Guard (not shown)	1
6	KH-32-063-12-S	Baffle, Cyl Barrel #2 Side	1		KH-41-037-10-S	Nameplate, Service (not shown)	1
7	KH-M-645016-S	Screw, FLG THD FRM M6 x 1.0 x 16	6				

SV820 23HP Starting System- Figure 37 and Parts List



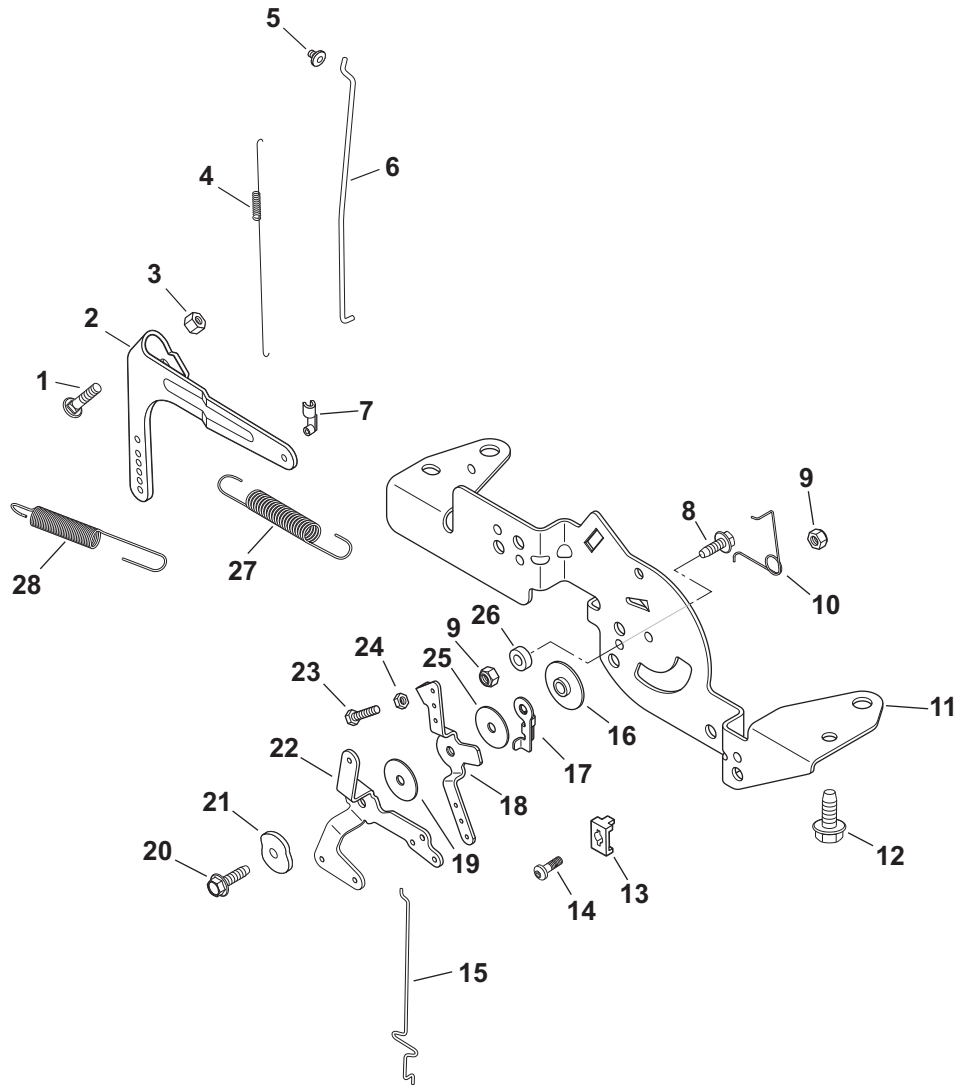
Ref. No.	Part No.	Description	Qty.
1	KH-M-839080	Screw, FLG M8 x 1.25 x 80	2
2	KH-32-098-01-S	Starter Assembly	1
3	KH-12-755-39-S	Kit, Drive	1
4	KH-12-755-38-S	Kit, Drive Parts (Includes 5)	1
5	KH-32-141-01-S	Ring, Retaining	1
6	KH-32-211-01-S	Bolt, Thru	2
7	KH-12-243-04-S	Commutator, End Cap	1

SV820 23HP Fuel System- Figure 38 and Parts List



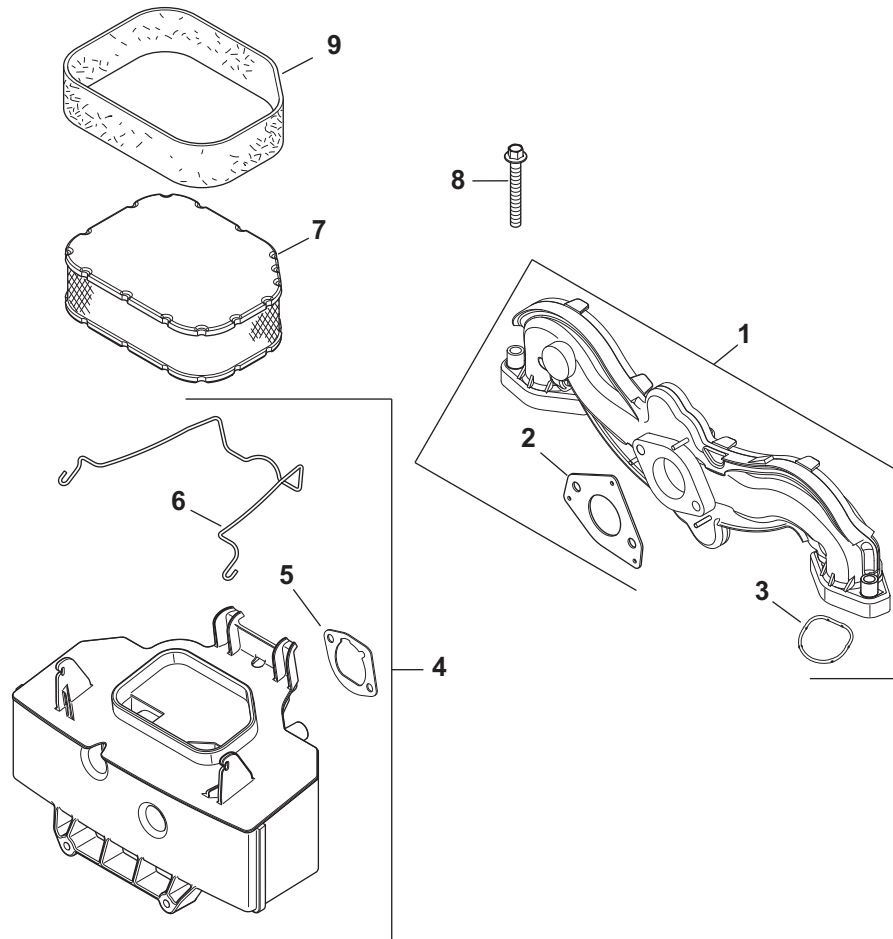
Ref. No.	Part No.	Description	Qty.
1	KH-32-853-07-S	KIT, CARBURETOR W/GASKETS (INCLUDES 2,3)	1
2	KH-24-041-52-S	GASKET, CARBURETOR	1
3	KH-24-041-14	GASKET, AIR CLEANER BASE	1
4	KH-M-629105-S	STUD, M6X1.0X106	2
5	KH-M-641060-S	NUT, FLG M6X1.0	2
6	KH-25-237-14-S	CLAMP, SPRING HOSE 1/2"	2
7	KH-25-111-34-S	LINE, FUEL (24"-CUT TO LENGTH)	1
8	KH-25-431-10-S	SLEEVE, ANTI ABRASION	1
9	KH-32-326-02-S	KIT, FUEL PUMP HOSE W/CLAMP (INCLUDES 10)	1
10	KH-25-237-01-S	CLAMP, HOSE	1
11	KH-24-086-12	SCREW, TAP M6X1.7X18	2
12	KH-24-393-16	PUMP, FUEL	1
13	KH-24-050-13-S	FILTER, FUEL	1
14	KH-47-154-01-S	CLIP, CABLE	1

SV820 23HP Engine Controls- Figure 39 and Parts List



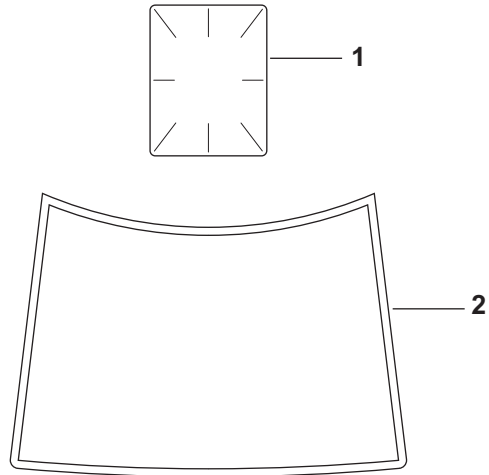
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	KH-24-211-03-S	Bolt, RD HD SQ Neck M6 x 1.0 x 25	1	15	KH-24-079-22-S	Linkage, Choke	1
2	KH-24-090-51-S	Lever, Governor	1	16	KH-24-112-27-S	Spacer, Control Assembly	1
3	KH-M-641060-S	Nut, FLG M6 x 1.0	1	17	KH-24-090-47-S	Lever, Throttle Actuator	1
4	KH-24-089-01	Spring, Linkage	1	18	KH-24-090-13	Lever, Throttle Control	1
5	KH-25-158-08	Bushing, Linkage Retaining	1	19	KH-24-468-01	Washer, Flat 5.5 MM	1
6	KH-24-079-04	Linkage, Throttle	1	20	KH-M-545020-S	Screw, FLG THD FRM M5 x 0.8 x 20	1
7	KH-25-158-11	Bushing, Throttle Linkage	1	21	KH-41-468-03	Washer, Spring 1/4"	1
8	KH-M-545016-S	Screw, FLG THD FRM M5 x 0.8 x 16	1	22	KH-24-090-05	Lever, Choke	1
9	KH-M-547050-S	Nut, Lock M5 x 0.8	2	23	KH-M-403025	Screw, Slit Hd Cap M4 x 0.7 x 25	1
10	KH-24-089-03	Spring, Choke Return	1	24	KH-M-446030-S	Nut, M4 x 0.7	1
11	KH-24-126-161-S	Bracket, Control	1	25	KH-24-468-20-S	Washer, Flat 5 MM	1
12	KH-M-645016-S	Screw, FLG THD FRM M6 x 1.0 x 16	4	26	KH-24-089-55-S	Spring, Governor	1
13	KH-12-237-01	Clamo, Cable	2	27	KH-24-089-18	Spring, Governor	1
14	KH-24-086-43-S	Screw, LBD THD FRM M5 x 0.8 x 16	2				

SV820 23HP Air Intake/Filtration- Figure 40 and Parts List



Ref. No.	Part No.	Description	Qty.
1	KH-24-164-51-S	Manifold, Intake (Includes 2, 3)	1
2	KH-24-041-52-S	Gasket, Carburetor	1
3	KH-24-153-27-S	O-Ring, Intake Port	1
4	KH-32-094-04-S	Kit, Air Cleaner Base (Includes 5, 6)	1
5	KH-24-041-14	Gasket, Air Cleaner Base	1
6	KH-32-344-03-S	Latch, Air Cleaner Element	1
7	KH-32-083-06-S	Element, Air Filter	1
8	KH-M-651040-S	Screw, FLG M6 x 1.0 x 40	4
9	KH-32-083-08-S	Element, Pre-Cleaner	1

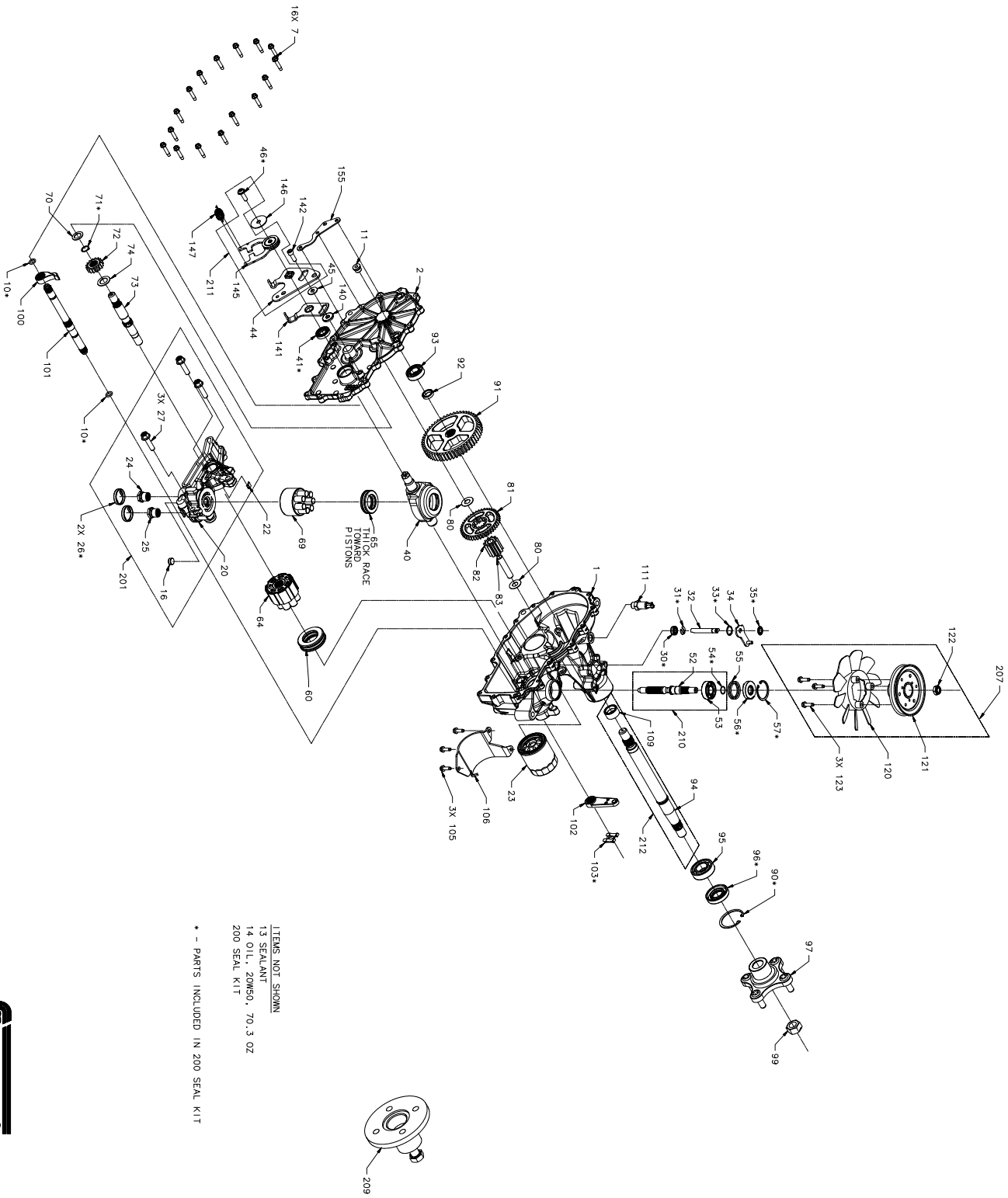
SV820 23HP Decals- Figure 41 and Parts List



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-32-113-36-S	Decal, 23HP	1

PART NO. 02004678
ZH-MCBC-3K2B-3LL1 SERVICE SCHEMATIC



ITEMS NOT SHOWN
 13 SEALANT
 14 OIL, 20W50, 70.3 OZ
 200 SEAL KIT
 * - PARTS INCLUDED IN 200 SEAL KIT



Ref. No.	Part No.	Description	Qty.
001	HG-71424	Kit, Housing, Main, LH Housing, Main, LH Bushings .624x.719x.562 BRG, JRNUL .86x.98x.79 Pin .25x.375	1 1 1 1 2
002	HG-71573	Kit, Cover, Side, LH, CNTL Cover, Side, LH, CNTL Bushing .624x.719x.562 BRG, JNL .86x.98x.79 HFHCS 1/4-20x1.25 D-Ring - .111 .103x.424 Plug 9/16-18 (Metal)	1 1 1 1 1 2
007	HG-51190	HFHCS 1/4-20x1.25	16
010	HG-51804	D-Ring - .111 .103x.424	2
011	HG-9005110-5600	Plug 9/16-18 (Metal)	1
013	HG-50928	Sealant	10.1 OZ
014	HG-50928	Oil, 20W50	70.3 OZ
022	HG-51448	Plate, Bypass	1
023	HG-52114	Filter, Oil	1
026	HG-52162	Seal, Plug 1.250x.250	1
027	HG-52137	HFHCS 3/8-16x1.5 (Patch)	2
030	HG-51626	Seal, Lip .375x.75x.25	3
031	HG-51628	Ring, Ret. .375 External	1
032	HG-52136	Rod, Bypass	1
033	HG-51627	Ring, Ret. .750 Internal	1
034	HG-52370	Arm, Bypass	1
035	HG-51630	Ring, Rtnng. .375 EXT	1
040	HG-51048	Trunnion, Swashplate	1
041	HG-51140	Seal, Lip 18x32x7	1
045	HG-44130	Washer .34x.88x.06	1
046	HG-51812	TWHCS 5/16-24x1.00 (Patch)	1
052	HG-51062	Shaft, Input	1
053	HG-50315	Ring, Ball 17x40x12 Open 6203	1
054	HG-2000022	Ring, Ret Wire .561 ID	1
055	HG-50951	Washer 1.23x1.56x.04	1
056	HG-51161	Seal, Lip 17x40x7	1
057	HG-50329	Ring, Ret 2.06 INT	1
060	HG-51462	Bearing, Thrust	1
064	HG-71579	Ass'y, Cylinder Block, 16cc	1
065	HG-50551	BRG, Thrust Ball 30x52x13	1
069	HG-70723	Ass'y, Block 7 Piston	1
070	HG-44371	Washer .63x1.0x.05	1
071	HG-44145	Ring, Ret 62 EXT	1
072	HG-52149	Gear, 16T	1
073	HG-52150	Shaft, Motor	1
074	HG-51069	Washer .72x1.16x.04	1
080	HG-50132	Washer .5x1.0x.03	2
081	HG-52148	Gear 43T	1
082	HG-52583	Gear 11T	1
083	HG-51083	Jack Shaft (Pin)	1
090	HG-50859	Ring, Ret 2.06 INT	1
091	HG-52108	Gear 54T	1

Ref. No.	Part No.	Description	Qty.
092	HG-52161	Spacer, .750x1.000x.257	1
093	HG-44121	Bearing, Ball .75x40x12	1
095	HG-50771	BRG, Ball 1.0x52x15 Open 6205M	1
096	HG-50772	Seal, Lip 25x52x10 TC (Gray)	1
097	HG-71405	Kit, Hub, 4 Bolt	1
099	HG-50863	Nut, Hex Lock 3/4-16	1
100	HG-52766	Pawl, Brake	1
101	HG-52640	Shaft, Brake	1
102	HG-52639	Handle, Brake	1
103	HG-52027	Clip, Retaining	1
105	HG-50752	HFHCS 1/4-20x.75	3
106	HG-52247	Guard, Filter, LH	1
111	HG-71393	Fitting, DSTR 9/16-18 SAE .5 Barb	1
120	HG-52735	Fan 7", 10 Blade	1
121	HG-50302	Pulley 4.5 Inch	1
122	HG-51244	Nut, Hex Locking 1/2-20 Nylon	1
123	HG-51076	HFHCS 1/4-20x.875	3
140	HG-52527	Spacer, .320x.1.5x.062	1
141	HG-51945	Arm, Neutral Right	1
142	HG-51616	SHCS 5/16-24x1 Patch	1
146	HG-51950	Washer .343x1.5x.062	1
147	HG-52401	Spring, Extension .57x2	1
155	HG-53046	Bracket, Damper	1
200	HG-71410	Kit, Seal	1
(010)		O-Ring - .111 .103x.424	2
(026)		Seal, Plug 1.250x.250	2
(030)		Seal, Lip .375x.75x.25	1
(031)		Ring, Ret. .375 External	1
(033)		Ring, Ret. .750 Internal	1
(035)		Ring, RTNG. .375 EXT	1
(041)		Seal, Lip 18x32x7	1
(046)		TWHCS 5/16-24x1.00 (Patch)	1
(054)		Ring, Ret Wire .561 ID	1
(056)		Seal, Lip 17x40x7	1
(057)		Ring, Ret 2.06 INT	1
(071)		Ring, Ret 62 EXT	1
(090)		Ring, Ret 2.06 INT	1
(096)		Seal, Lip 25x52x10 TC (Gray)	1
(103)		Clip, Retaining	1
(130)		Tube, Connecting	2
(132)		O-Ring - .137, 0.103x2.050	1

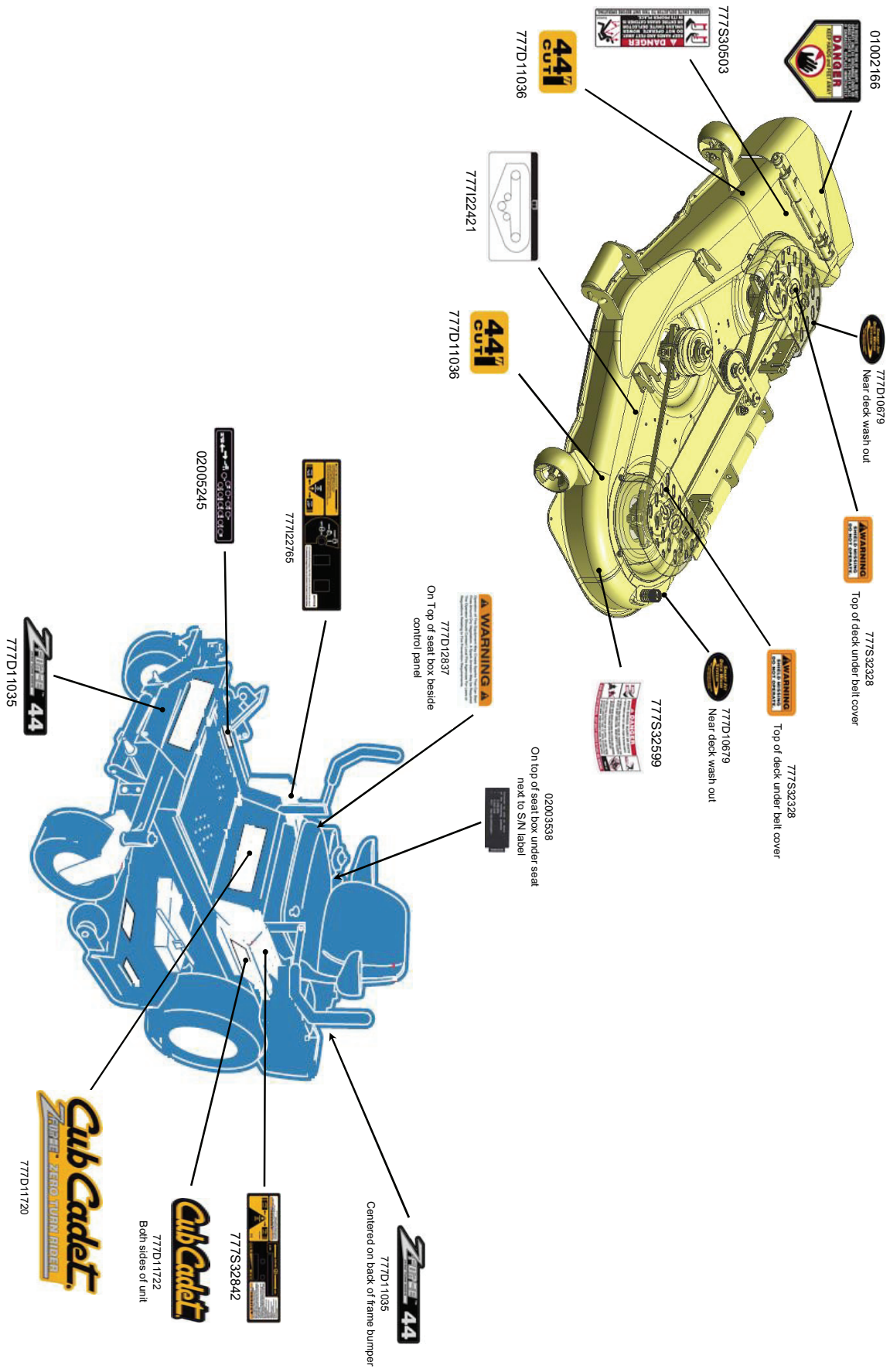
Ref. No.	Part No.	Description	Qty.
201	HG-71581	Kit, Center Section, LH	1
(016)		Plug, Rubber	1
020		Center Section, LH	1
(022)		Plate, Bypass	1
024		Shock Valve	1
025		Shock Valve	1
(026)		Seal, Plug 1.250x.250	2
(027)		HFHCS 3/8-16x1.5 (Patch)	3
207	HG-71699	Kit, Fan/Pulley	1
(120)		Fan, 7", 10 Blade	1
(121)		Pulley 4.5 Inch	1
(122)		Nut, Hex Locking 1/2-20 Nylon	1
(123)		HFHCS 1/4-20x.75	3
209	HG-71241	Hub Puller, 4-Bolt	1
210	HG-71443	Kit, Input Shaft	1
(052)		Shaft, Input	1
(053)		BRG, Ball 17x40x12 Open 6203	1
(054)		Ring, Ret Wire .561 ID	1
211	HG-71588	Kit, RTN, Bidirectional	1
044		Arm, Control RH	1
(046)		TWHCS 5/16-24x1.00 (Patch)	1
145		Assembly, RTN	1
094	HG-71569	Kit, Axle Shaft	1
109		Shaft, Axle	1
		Spacer, .91x1.02x.625	1

Ref. No.	Part No.	Description	Qty.
001	HG-71414	Kit, Housing, Main, RH Housing, Main, RH Bushing .624x.719x.562 BRG, JRNL .86x.98x.79 Pin .25x.375	1 1 1 1 2
002	HG-71571	Kit, Cover, Side, RH, CNTL Cover, Side, RH, CNTL Bushing .624x.719x.562 BRG, JNL .86x.98x.79 HFHCS 1/4-20x1.25 D-Ring - 111 .103x.424 Plug 9/16-18 (Metal)	1 1 1 1 2 1
007	HG-51190	HFHCS 1/4-20x1.25	16
010	HG-51804	D-Ring - 111 .103x.424	2
011	HG-9005110-5600	Plug 9/16-18 (Metal)	1
013	HG-50928	Sealant	10.1 OZ
014	HG-50928	Oil, 20W50	70.3 OZ
022	HG-51448	Plate, Bypass	1
023	HG-52114	Filter, Oil	1
026	HG-52162	Seal, Plug 1.250x.250	1
027	HG-52137	HFHCS 3/8-16x1.5 (Patch)	2
030	HG-51626	Seal, Lip .375x.75x.25	3
031	HG-51628	Ring, Ret .375 External	1
032	HG-52136	Rod, Bypass	1
033	HG-51627	Ring, Ret .750 Internal	1
034	HG-51910	Arm, Bypass	1
035	HG-51630	Ring, Rtnng .375 EXT	1
040	HG-51048	Trunnion, Swashplate	1
041	HG-51140	Seal, Lip 18x32x7	1
045	HG-44130	Washer .34x.88x.06	1
046	HG-51812	TWHCS 5/16-24x1.00 (Patch)	1
052	HG-51062	Shaft, Input	1
053	HG-50315	BRG, Ball 17x40x12 Open 6203	1
054	HG-2000022	Ring, Ret Wire .561 ID	1
055	HG-50951	Washer 1.23x1.56x.04	1
056	HG-51161	Seal, Lip 17x40x7	1
057	HG-50329	Ring, Ret 2.06 INT	1
060	HG-51462	Bearing, Thrust	1
064	HG-71579	Ass'y, Cylinder Block, 16cc	1
065	HG-50551	BRG, Thrust Ball 30x52x13	1
069	HG-70723	Ass'y, Block 7 Piston	1
070	HG-44371	Washer .63x1.0x.05	1
071	HG-44145	Ring, Ret 62 EXT	1
072	HG-52149	Gear, 16T	1
073	HG-52150	Shaft, Motor	1
074	HG-51069	Washer .72x1.16x.04	1
080	HG-50132	Washer .5x1.0x.03	2
081	HG-52148	Gear 43T	1
082	HG-52583	Gear 11T	1
083	HG-51083	Jack Shaft (Pin)	1
090	HG-50859	Ring, Ret 2.06 INT	1
091	HG-52108	Gear 54T	1

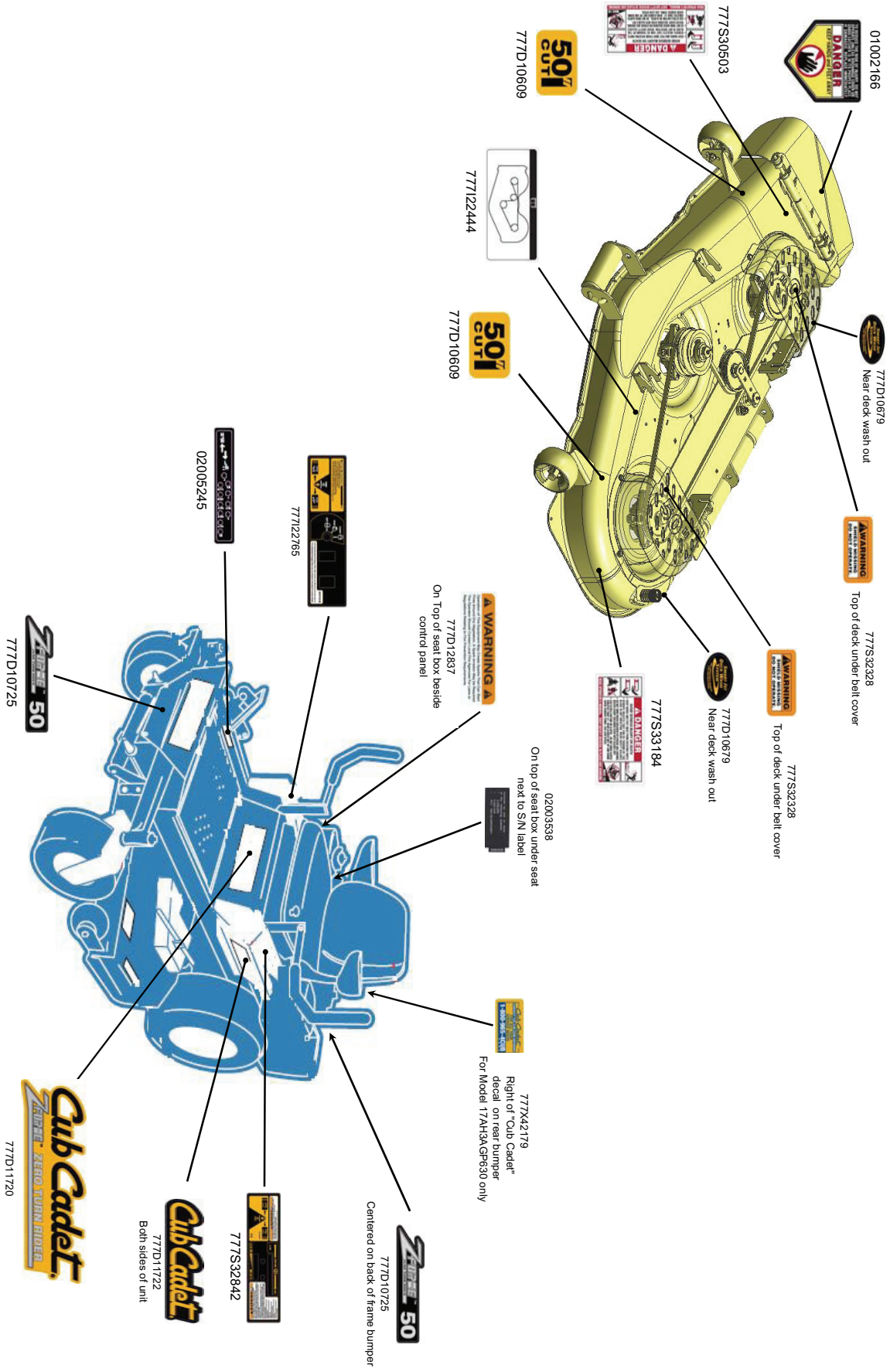
Ref. No.	Part No.	Description	Qty.
092	HG-52161	Spacer, .750x1.000x.257	1
093	HG-44121	Bearing, Ball, .75x40x12	1
095	HG-50771	BRG, Ball 1.0x52x15 Open 6205M	1
096	HG-50772	Seal, Lip 25x52x10 TC (Gray)	1
097	HG-71405	Kit, Hub, 4 Bolt	1
099	HG-50863	Nut, Hex Lock 3/4-16	1
100	HG-52766	Pawl, Brake	1
101	HG-52640	Shaft, Brake	1
102	HG-52639	Handle, Brake	1
103	HG-52027	Clip, Retaining	1
105	HG-50752	HFHCS 1/4-20x.75	3
106	HG-52257	Guard, Filter, RH	1
111	HG-71393	Fitting, DSTR 9/16-18 SAE .5 Barb	1
120	HG-52735	Fan 7", 10 Blade	1
121	HG-50302	Pulley 4.5 Inch	1
122	HG-51244	Nut, Hex Locking 1/2-20 Nylon	1
123	HG-51076	HFHCS 1/4-20x.875	3
140	HG-52527	Spacer, .920x.1.5x.062	1
141	HG-51946	Arm, Neutral Left	1
142	HG-51616	SHCS 5/16-24x1 Patch	1
146	HG-51950	Washer, .343x1.5x.062	1
147	HG-52401	Spring, Extension .57x2	1
155	HG-53046	Bracket, Damper	1
200	HG-71410	Kit, Seal	1
(010)		O-Ring - 111 .103x.424	2
(026)		Seal, Plug 1.250x.250	2
(030)		Seal, Lip .375x.75x.25	1
(031)		Ring, Ret .375 External	1
(033)		Ring, Ret .750 Internal	1
(035)		Ring, RTNG. .375 EXT	1
(041)		Seal, Lip 18x32x7	1
(046)		TWHCS 5/16-24x1.00 (Patch)	1
(054)		Ring, Ret Wire .561 ID	1
(056)		Seal, Lip 17x40x7	1
(057)		Ring, Ret 2.06 INT	1
(071)		Ring, Ret 62 EXT	1
(090)		Ring, Ret 2.06 INT	1
(096)		Seal, Lip 25x52x10 TC (Gray)	1
(103)		Clip, Retaining	1
(130)		Tube, Connecting	2
(132)		O-Ring -137. 0.103x2.050	1

Ref. No.	Part No.	Description	Qty.
201	HG-71580	Kit, Center Section, RH	1
(016)		Plug Rubber	1
020		Center Section, RH	1
(022)		Plate, Bypass	1
024		Shock Valve	1
025		Shock Valve	1
(026)		Seal, Plug 1.250x.250	2
(027)		HFHCS 3/8-16x1.5 (Patch)	3
207	HG-71699	Kit, Fan/Pulley	1
(120)		Fan, 7", 10 Blade	1
(121)		Pulley 4.5 Inch	1
(122)		Nut, Hex Locking 1/2-20 Nylon	1
(123)		HFHCS 1/4-20x.75	3
209	HG-71241	Hub Pulley, 4-Bolt	1
210	HG-71442	Kit, Input Shaft	1
(052)		Shaft, Input	1
(053)		BRG, Ball 17x40x12 Open 6203	1
(054)		Ring, Ret Wire .561 ID	1
(046)	HG-71592	Kit, RTN, Bidirectional	1
145		Arm, Control LH	1
212		TWHCS 5/16-24x1.00 (Patch)	1
094	HG-71569	Kit, Axle Shaft	1
109		Shaft, Axle	1
		Spacer, .91x1.02x.625	1

44" Decal Map



50" Decal Map





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