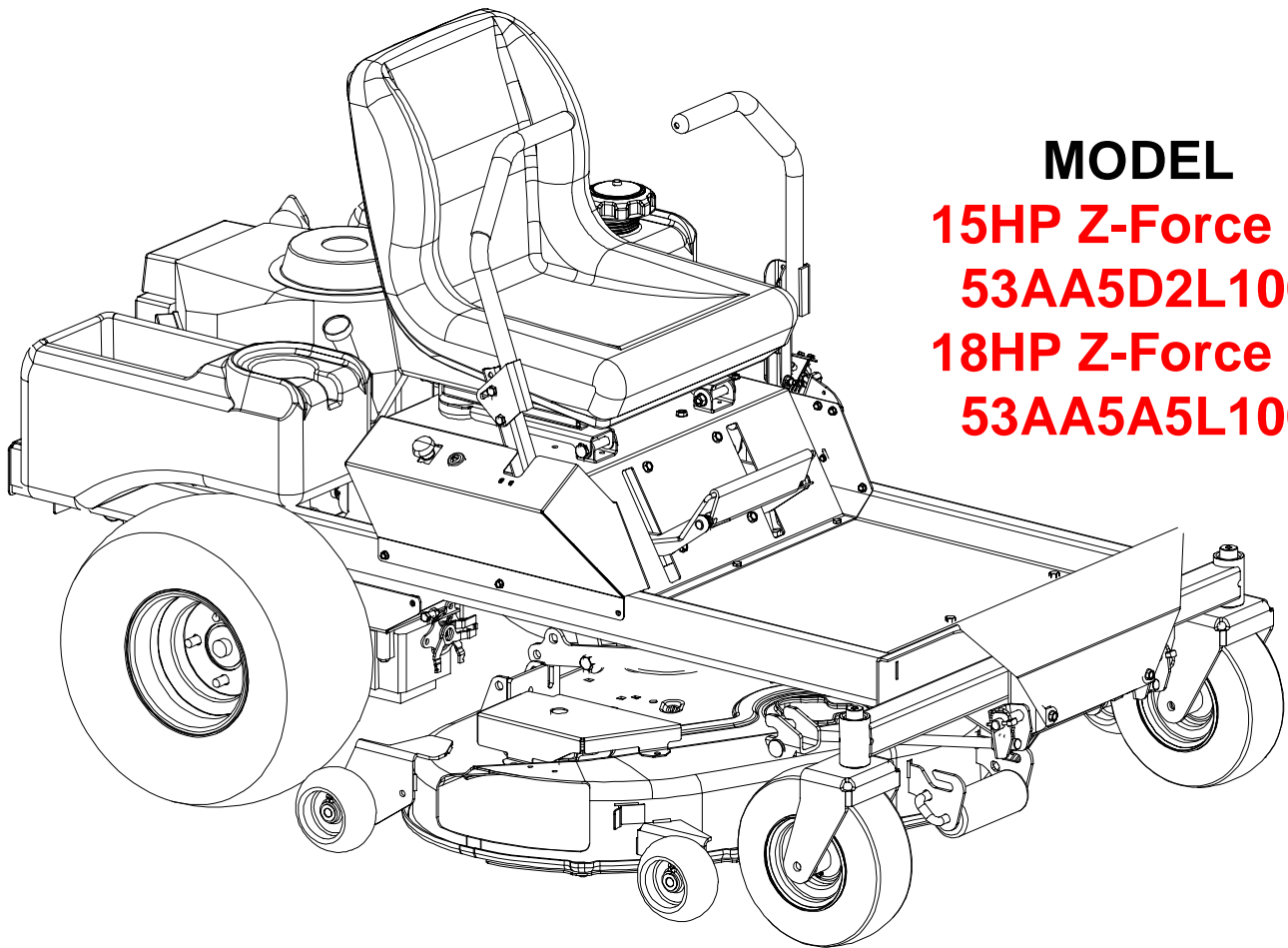


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Hydrostatic Zero-Turn Residential Riding Mower

Turf Equipment



MODEL

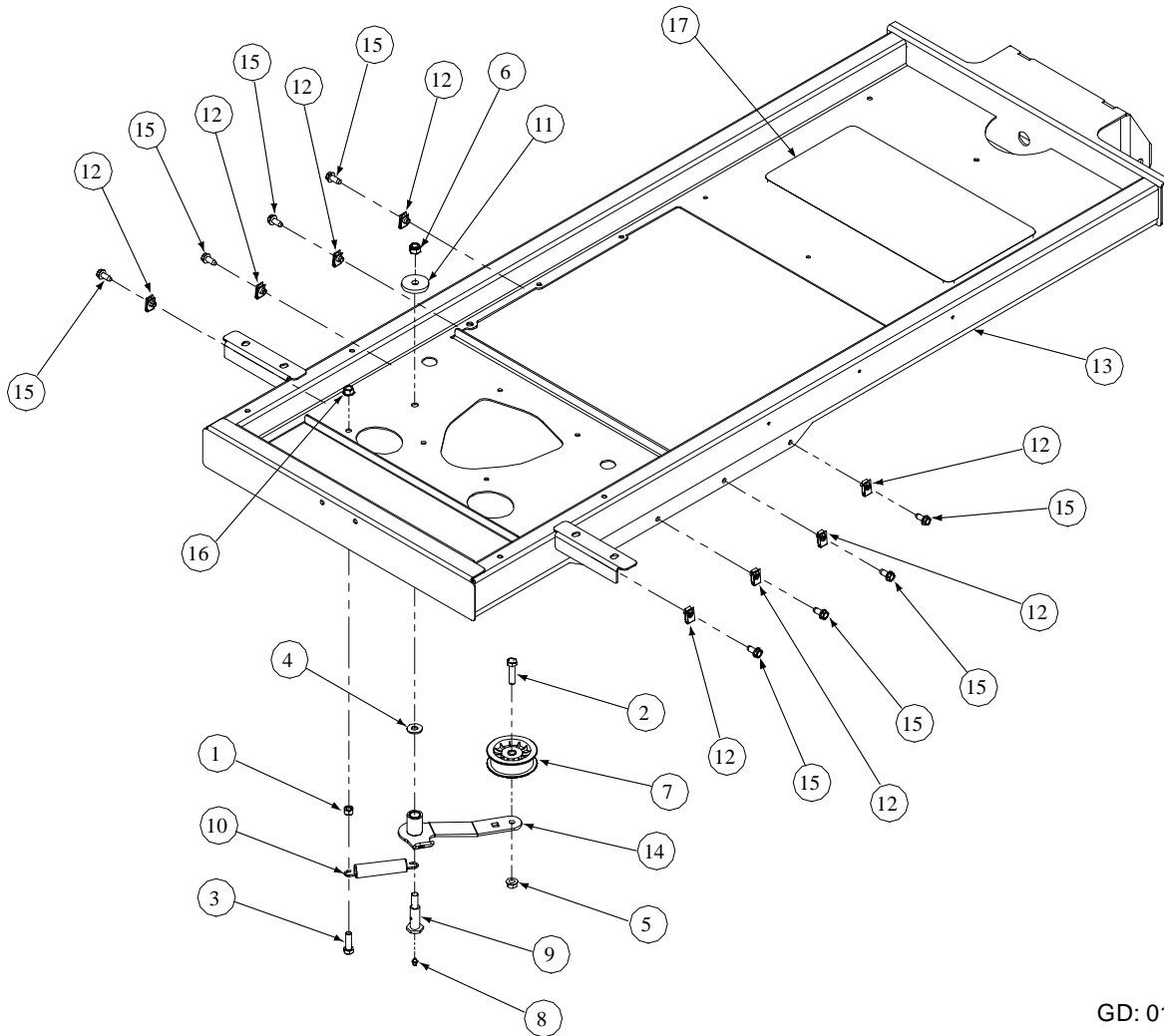
15HP Z-Force 44
53AA5D2L100
18HP Z-Force 44
53AA5A5L100

ILLUSTRATED PARTS LIST

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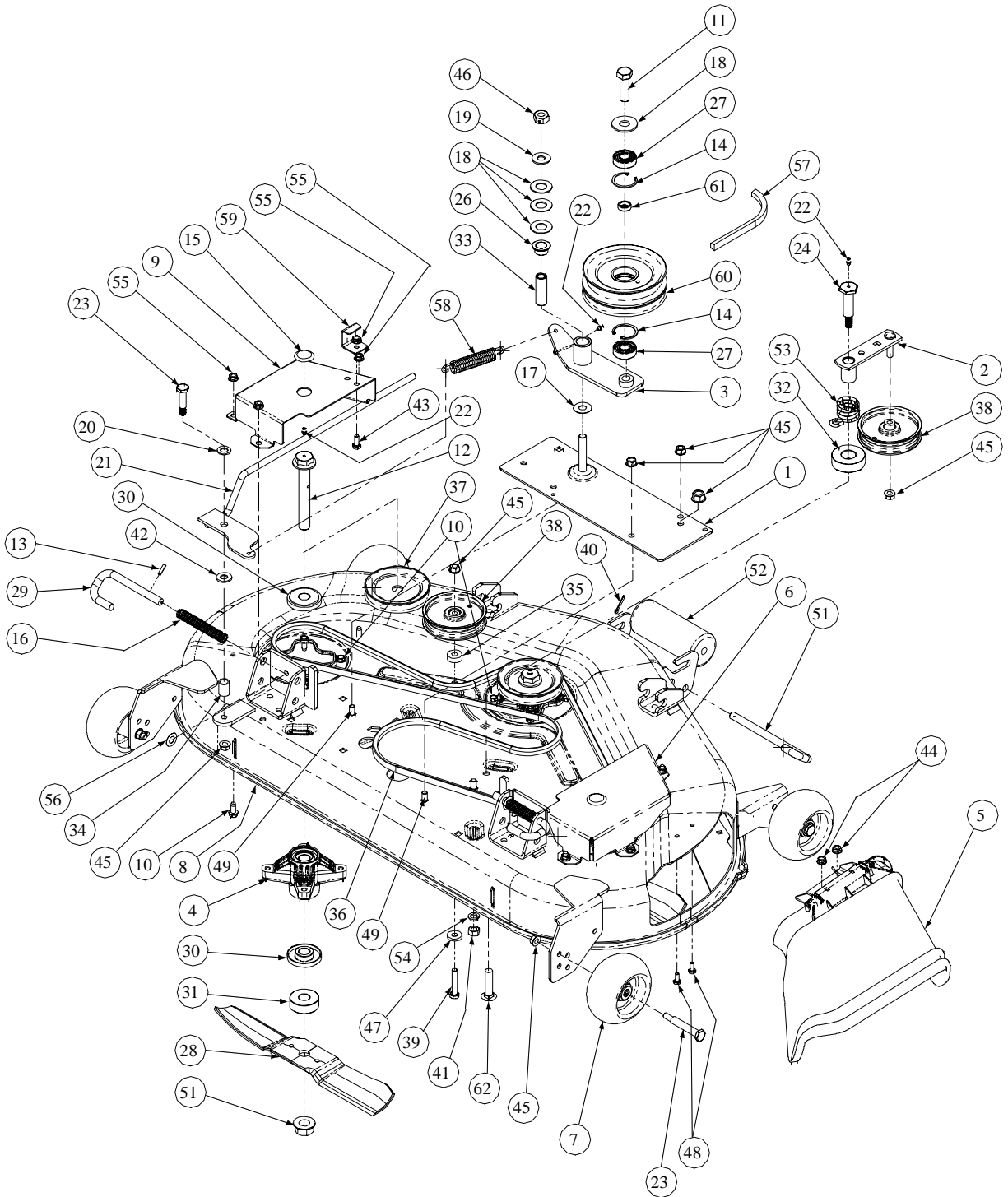
Frame Assembly- Figure 1 and Parts List



GD: 01008104-T04

Ref. No.	Part No.	Description	Qty.
1	00012166	Hex Nut, 5/16-18	1
2	00011438	Hex Cap Screw, 3/8-16 x 1-1/2	1
3	00013116	Hex Cap Screw, 5/16-18 x 1-1/4	1
4	00006168	Flat Washer, 3/8 zinc	1
5	00022560	Hex Nut, 3/8-16 Flange Lock	1
6	00027279	Nylock Nut, 7/16-14	1
7	00030782	Flat Idler Pulley w/ adaptor	1
8	00060078	Grease Fitting, 1/4-28 x 3/16	1
9	01000505	Shoulder Bolt	1
10	01002874	Extension Spring, .865 OD x 4.68 lg	1
11	01003269	Flat Washer, 7/16 ID x 1.75 OD	1
12	01003563	U-Nut, 5/16-18	8
13	01008480	Frame Assembly Weldment	1
14	01008399	Idler Arm Assembly	1
15	01008764	Hex Washer Screw 5/16-18 x .750	8
16	01000635	Nut, 5/16-18, Hexflange Lock	1
17	01006528	Abrasive Foot Pad	1

44" Formed Cutter Deck - Figure 2

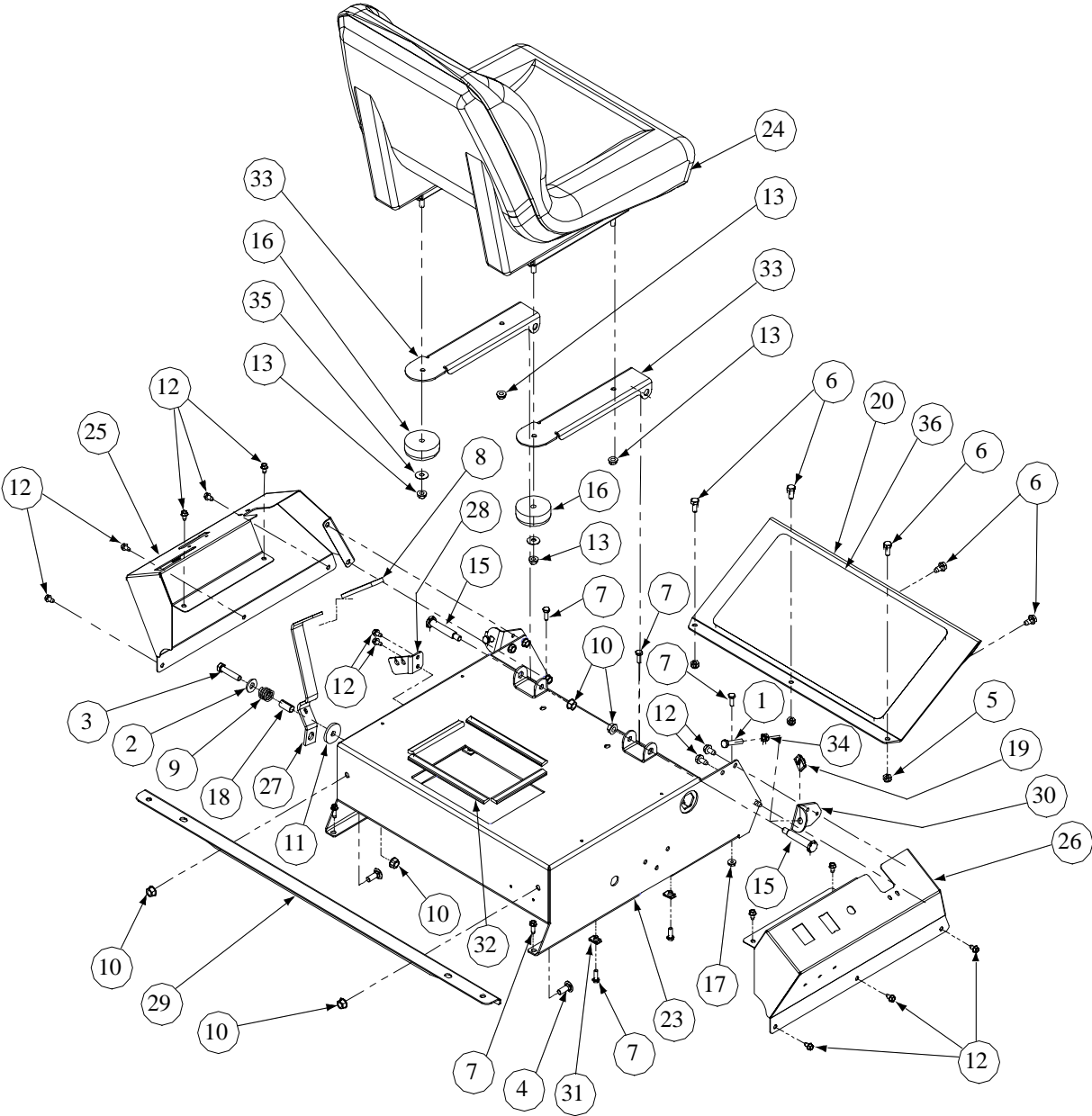


GD: 01008112-T09

44" Formed Cutter Deck - Parts List for Figure 2

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	01008590	Deck Mounting Plate Assembly	1	32	01008456	Spacer .760 ID x 1.5 OD	1
2	01008593	Idler Arm Assembly	1	33	750-0656	Spacer .50 OD x .75 ID	1
3	01008589	Idler Assembly	1	34	750-0150	Spacer .550 ID x .750 OD	1
4	618-3129	Spindle Assembly	3	35	750-3119	Spacer .406 ID x 1.0 OD	1
5	631-0094	Chute Assembly	1	36	754-3039	Belt	1
6	01008587	Belt Cover Right Hand	1	37	756-3089	Pulley	3
7	703-1890	Deck Wheel	4	38	01004081	Flat Pulley	2
8	01008481	Deck Assembly 44"	1	39	00002528	Hex Cap Screw 3/8-16 x 2.00	1
9	01008586	Belt Cover Left Hand	1	40	00003107	Cotter Pin .125 Dia x 1.0	1
10	01008620	Self Tapping Screw 5/16-18 x .750	18	41	00005763	Hex Nut 7/16-14	1
11	01008530	Hex Cap Screw 5/8-18 x 4.25	1	42	00010958	Flat Washer .50 ID x 1.065 OD	1
12	710-1852	Spindle Bolt 3/4-16 x 5.37	3	43	00013406	Hex Cap Screw 5/16-18 x .75	1
13	715-3003	Pin	2	44	01002766	Nut, 1/4-20, hexflange Lock	2
14	716-3020	Internal Snap Ring	2	45	00022560	Hex Nut, 3/8-16, Flange Lock	11
15	726-3045	Button Plug	2	46	00023287	Nut, 1/2-20, Center Lock	1
16	732-0802	Compression Spring .63 OD x 6.3	2	47	00083192	Idler Washer	1
17	736-0100	Flat Washer .531 ID x 1.25 OD	1	48	01000338	Hex Cap Screw 1/4-20 x .620	2
18	736-0188	Flat Washer .76 ID x 1.49 OD	4	49	01000372	Carriage Bolt 3/8-16 x .75	3
19	736-0179	Flat Washer .50 ID x 1.25 OD	1	50	01000375	Roller Pin 1/2 x 7.31	1
20	01000873	Flat Washer .536 ID x .93 OD	1	51	01000380	Nut, 3/4-16, Hex Flange	3
21	01008538	Deck Handle Weldment	1	52	01000385	Front Roller	1
22	737-3000	Grease Fitting	5	53	732-3067	Idler Torsion Spring	1
23	738-3056	Shoulder Screw 1/2 x 2.5	4	54	01000389	Lock Washer 7/16	1
24	738-3172	Shoulder Screw .68 x 2.11	1	55	01000635	Lock Nut 5/16-18 Hex Flange	7
25	738-0213	Shoulder Screw .498 x 1.445	1	56	01000930	Flat Washer .508 ID x 1.0 OD	2
26	741-0338	Flange Bearing .75 ID x .52	2	57	01002391	Belt	1
27	741-0524	Bearing .625 ID x 1.574 OD	2	58	01002874	Extension Spring .865 OD x 4.68	1
28	01008616	Blade	3	59	01004863	Tension Rod Stop Bracket	1
29	747-3013	Support Pin	2	60	01008376	Double Pulley	1
30	748-3065	Spindle Spacer	6	61	01008404	Spacer .635 ID x .88 OD	1
31	748-3020	Blade Spacer	3	62	00030276	Carriage Bolt 3/8-16 x 1.50	1

Control Assembly - Figure 3

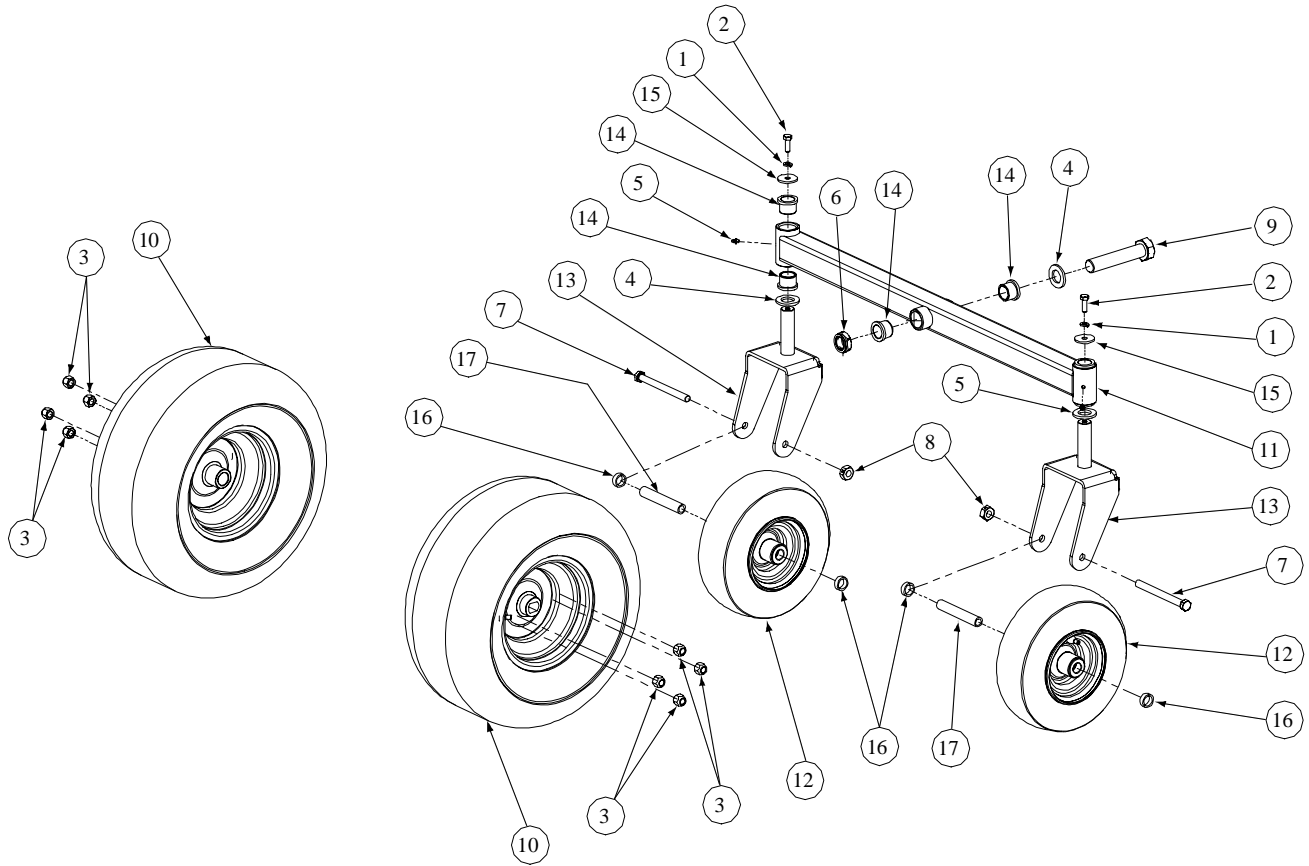


GD: 01008105-T12

Control Assembly - Parts List for Figure 3

Ref. No.	Part No.	Description	Qty.
1	00012382	Hex Cap Screw, 5/16-18 x 1-1/2	2
2	00083192	Idler Washer	1
3	00008495	Capscrew, 3/8-16 x 1-3/4	1
4	01000372	Carriage Bolt, 3/8-16	2
5	00012165	Nylock Nut, 5/16-18	3
6	01008620	Self Tapping Screw, 5/16-18 x 3/4	5
7	01008763	Hex Cap Screw, 1/4-20 x 3/4	9
8	00013595	Parking Brake Grip	1
9	00021797	Spring, .80 OD x 1 Lg	1
10	00022560	Hex Nut, 3/8-16 Flange Lock	5
11	01000872	Flat Washer, 1.25 x .411 x .100	1
12	01000628	Screw, 1/4-20 x 1/2	18
13	01000635	Hex Nut, 5/16-18 Flange Lock	4
14	--	--	--
15	01002634	Shoulder Screw, 3/8-16, .5 x 2.345	2
16	01002753	Groment, 2.5 OD x 1.0 Lg	2
17	01002766	Hex Nut, 1/4-20 Flange Lock	3
18	01002772	Spacer, .375 x .50 x 1.02	1
19	01003563	U-Nut, 5/16-18	2
20	01008464	Foot Rest Bracket	1
21	01008198	Left Hand Brake Cable (not shown)	1
22	01008199	Right Hand Brake Cable (not shown)	1
23	01008482	Control Housing Weldment	1
24	01008413	Seat Adjust	1
25	01008472	Left Hand Control Console	1
26	01008473	Right Hand Control Console	1
27	01008487	Parking Brake Lever	1
28	01008489	Brake Cable Bracket	1
29	01008491	Front Tank Mounting Bracket	1
30	01008533	Lapbar Stop Bracket	2
31	01008539	U-Nut, 1/4-20	4
32	01008572	Battery Edge Trim	4
33	01008583	Seat Mounting Bracket	2
34	00012166	Hex Nut, 5/16-18	2
35	01000960	Washer, .325 x .930 x .045	2
36	01006528	Abrasive Foot Pad	1

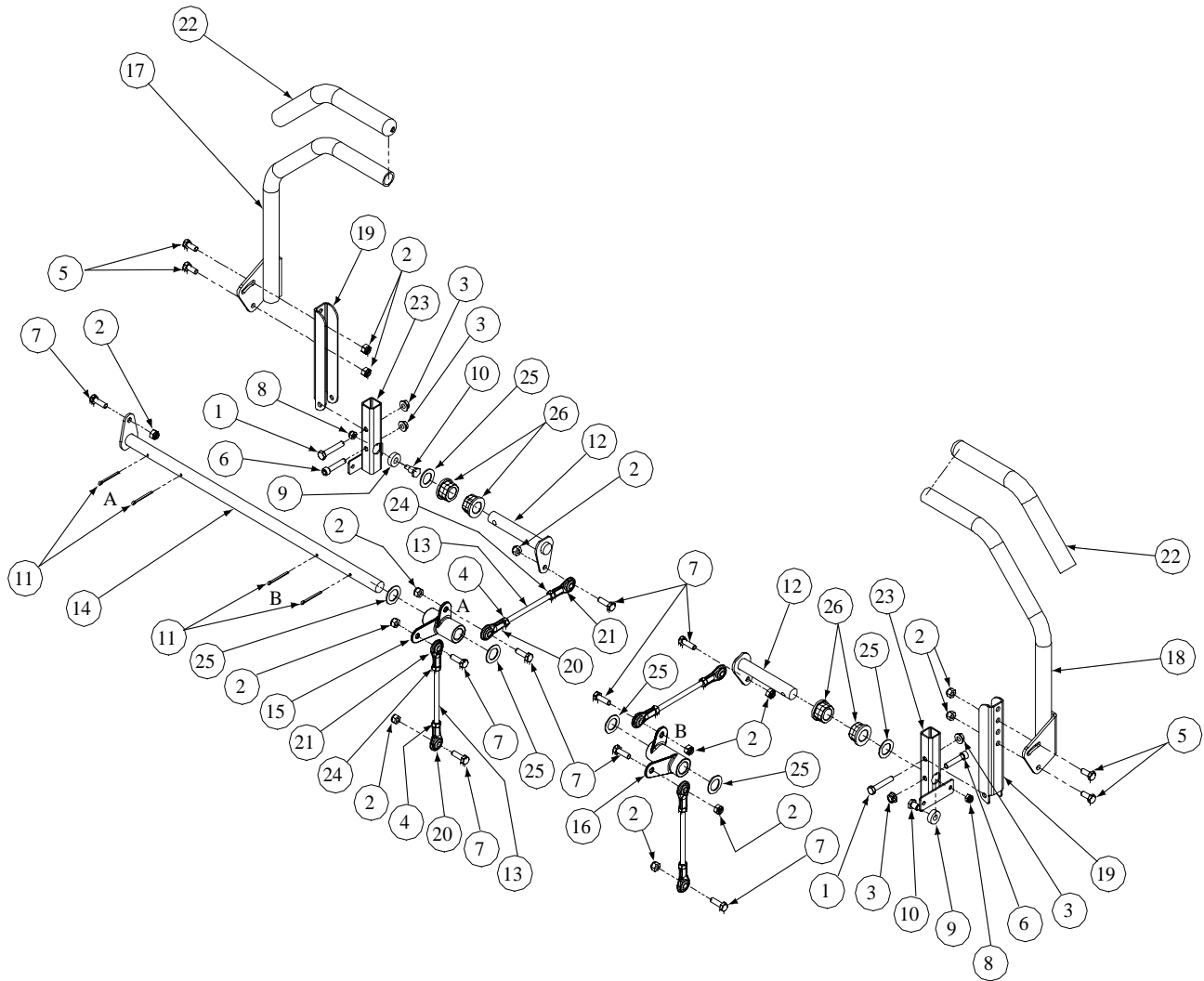
Front Caster & Tire Assembly - Figure 4 and Parts List



GD: 01008107-T11

Ref. No.	Part No.	Description	Qty.
1	00012157	Lock Washer, 3/8 Zinc	2
2	01000368	Hex Cap Screw, 3/8-16 x .88	2
3	00012187	Lug Nut, 1/2-20	8
4	00023822	Washer Special	3
5	00060078	Grease Fitting, 1/4-28 x 3/16	2
6	01000678	Nut Jam, 1.0-14, Nylon Insert	1
7	01000745	Hex Cap Screw, 1/2-20 x 5.50	2
8	00023282	Nut, 1/2-20, Center Lock	2
9	01006309	Hex Cap Screw, 1-14 x 5.0	1
10	01008320	Wheel Assembly, 20 x 7	2
11	01008405	Front Axle Assembly	1
12	01008570	Front Wheel Assembly	2
13	01008550	Castor Wheel Mounting Bracket	2
14	731-0374	Flange Bearing, 1.0 ID	6
15	01009253	Flat Washer, .390 x 1.5 x .134	2
16	750-0456	Spacer, .790 ID x .347 Lg	4
17	750-3197A	Wheel Spacer	2

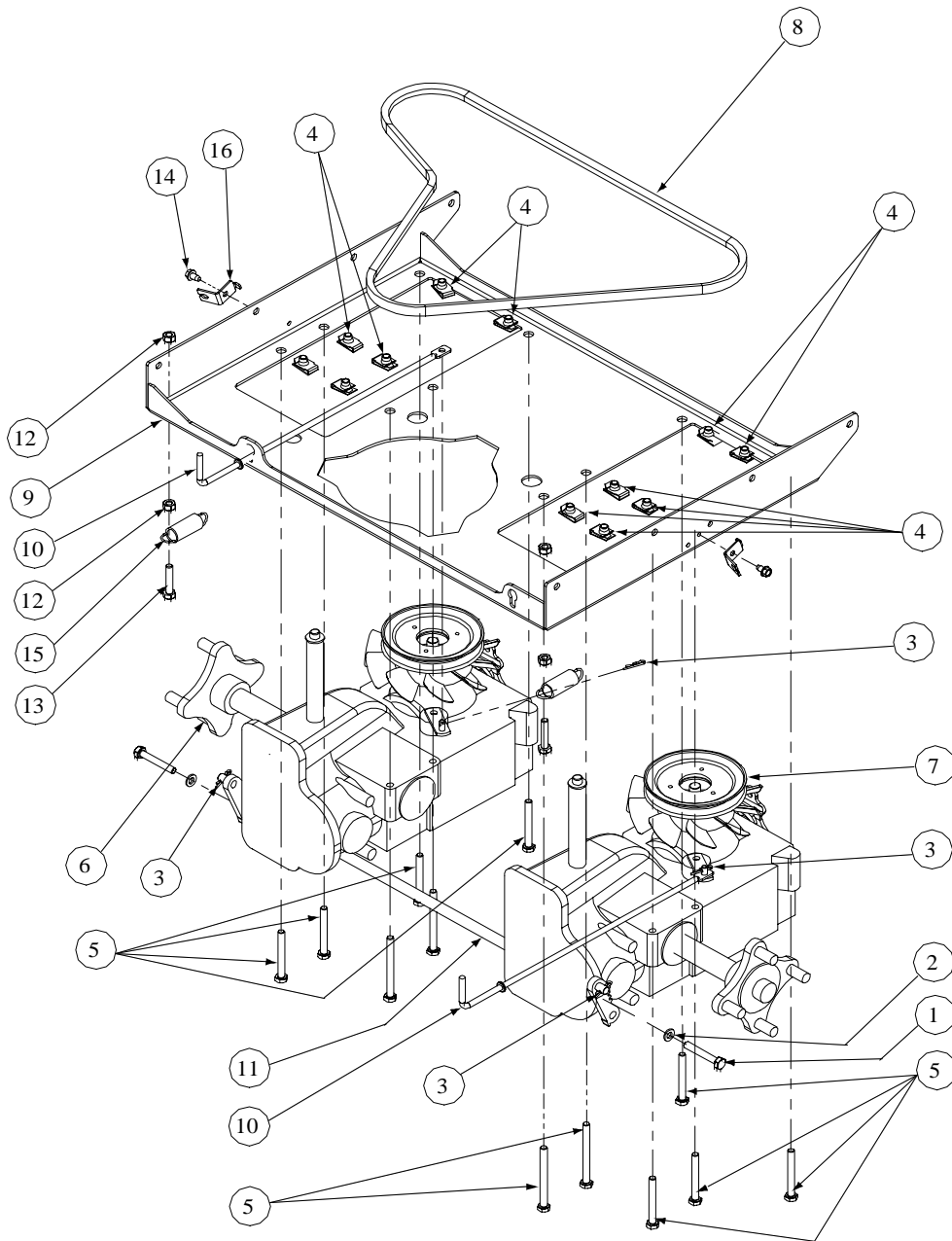
Steering Assembly -Figure 5 and Parts List



GD: 01008108-T07

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	00006129	Hex Cap Screw, 5/16-18 x 1-3/4		2	14	01008432	Bellcrank Steering Shaft Assembly	1
2	00012165	Nut, 5/16-18, Nylock		13	15	01008840	Steering Bellcrank Assembly Left Hand	1
3	01000635	Nut, 5/16-18, Lock		4	16	01008841	Steering Bellcrank Assembly Right Hand	1
4	00012167	Hex Nut, 5/16-24		4	17	01008425	Steering Handle Assembly Left Hand	1
5	00012179	Hex Cap Screw, 5/16-18 x 3/4		4	18	01008426	Steering Handle Assembly Right Hand	1
6	01008600	Capscrew, 5/16-18 x 1.50, Socket Head		2	19	01008165	Steering Pivot Bracket	2
7	00013092	Hex Cap Screw, 5/16-18 x 1.0		9	20	01008410	Rod End, 5/16, Right Hand	4
8	00014081	Nut, 1/4-28, SS, Nylon Insert		2	21	01008551	Rod End, 5/16, Left Hand	4
9	00071691	Control Rod Spacer		2	22	01008552	Lap Bar Grip	2
10	01001919	Shoulder Screw, 1/4-28		2	23	01008458	Pivot Bracket Weldment	2
11	00003107	Cotter Pin, .125 Dia. x 1.0		4	24	01008576	Hex Nut, 5/16-24, Left Hand	4
12	01008433	Steering Input Shaft Assembly		2	25	736-0287	Flat Washer, .793 ID x 1.24 OD x .060	6
13	01008149	Steering Link Rod	4	26	741-0598	Hex Flange Bearing, .752 ID	4	

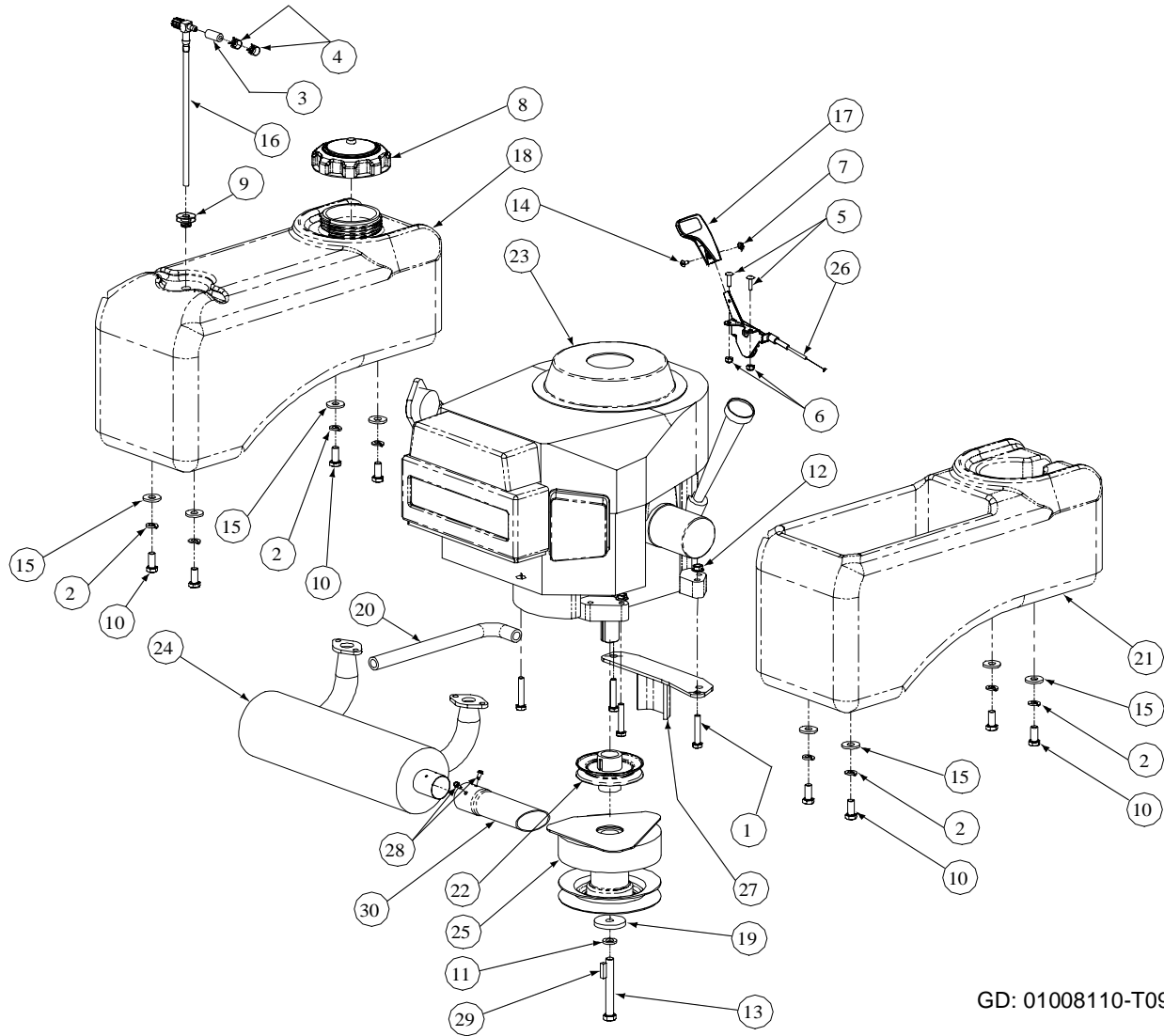
Drive Train Assembly- Figure 6 and Parts List



GD: 01008106-T08

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00013198	Hex Cap Screw, 5/16-18 x 2.0	2	9	01008461	Transmission Mounting Bracket	1
2	00012169	Flat Washer, .320 ID x .591 OD	2	10	01008380	Pump Rod	2
3	01002771	Cotter Pin, .072 x 1.12 Lg	4	11	01008414	Transmission Brace Tube	1
4	01003563	U-Nut, 5/16-18	12	12	00012166	Nut, 5/16-18	4
5	01007122	Hex Cap Screw, 5/16-18 x 2.5	12	13	01001972	Hex Cap Screw, 5/16-18 x 2.75	2
6	01008192	IZT Transmission, Left Hand	1	14	01000628	Screw, 1/4-20 x 1/2	2
7	01008193	IZT Transmission, Right Hand	1	15	01008758	Extension Spring, 1.0 OD x 5.000	2
8	01008349	V-Belt, 56.00	1	16	01008611	Brake Cable Mounting Bracket	2

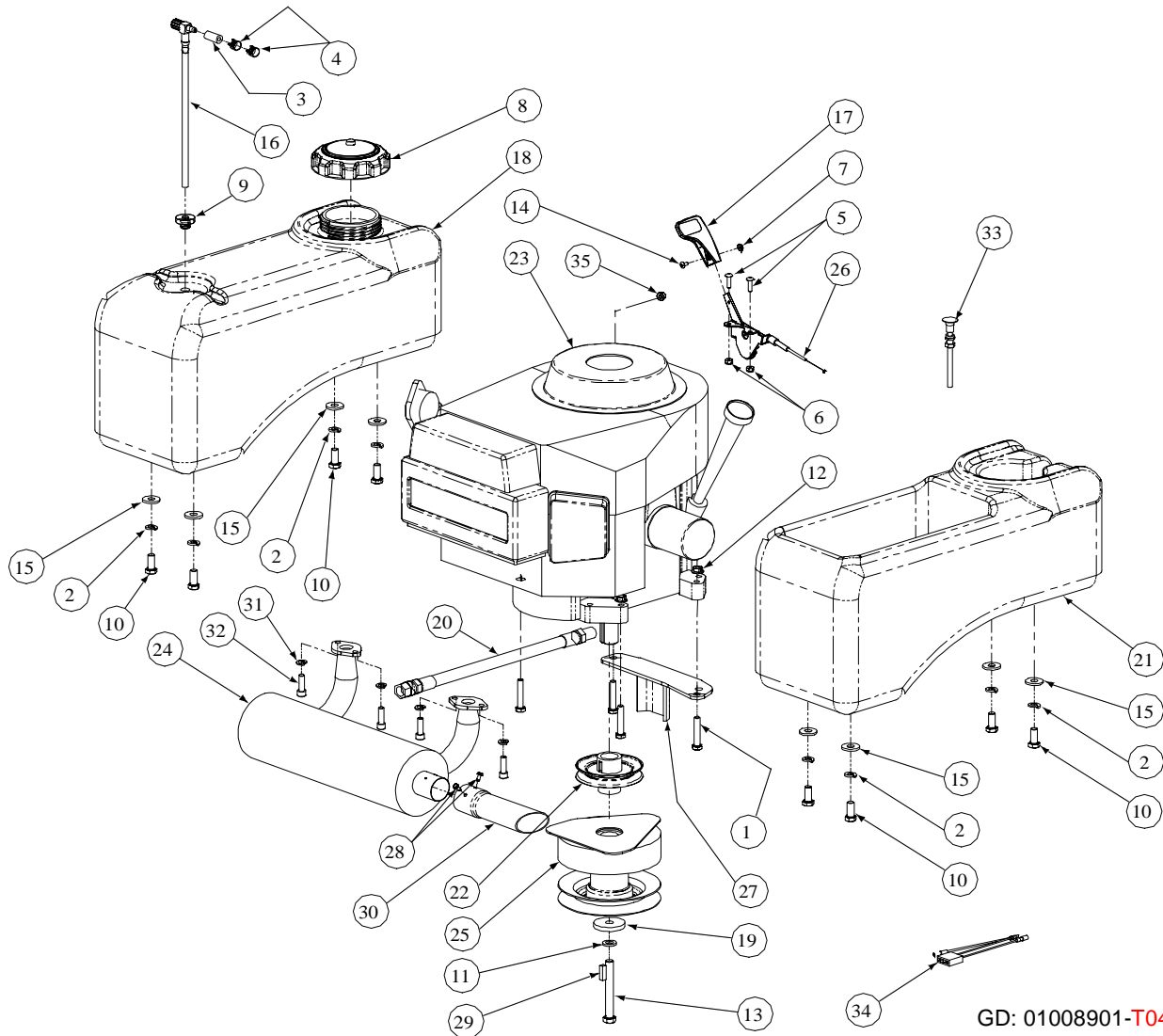
15HP Kawasaki Engine Assembly - Figure 7 and Parts List



GD: 01008110-T09

Ref No	Part No.	Description	Qty.	Ref No	Part No.	Description	Qty.
1	00006129	Hex Head Cap Screw, 5/16-18 x 1-3/4	4	17	01004004	Throttle Control Knob	1
2	00012157	Lock Washer, 3/8 Zinc	8	18	01004350	Fuel Tank	1
3	--	Hose, 1/4" Fuel Line	1	19	01005314	Flat Washer, 7/16 ID x 1.75 OD x .250	1
4	00012235	Clamp, Union	2	20	01006223	Oil Drain Extension Hose	1
5	00014602	Round Head Machine Screw, 10-32 x 3/4	2	21	01008138	Utility Bin	1
6	00014608	Lock Nut, Nylon Insert, 10-32	2	22	01008381	Electric PTO Engine Pulley (Discontinued)	1
7	00060056	Nut, w/ Star Washer	1		01008808	Electric PTO Engine Pulley	1
8	01000069	Fuel Cap	1	23	01008415	15HP Twin Kawasaki Engine	1
9	01000281	Fuel Tank Grommet	1	24	01008424	Kawasaki Muffler	1
10	01000368	Hex Cap Screw, 3/8-16 x .88	8	25	01008544	Ogura JD08 Electric Clutch	1
11	01000389	Lock Washer, 7/16	1	26	01008575	Choke Control Cable	1
12	01000635	Lock Nut, Hex Flange, 5/16-18	4	27	01008640	Clutch Retainer Assembly	1
13	01008637	Hex Cap Screw, 7/16-20 x 4.0	1	28	01000811	Screw, 8-32 x .375, Hex Washer	2
14	01000721	Machine Screw, 8-32 x .375	1	29	00025344	Key, 1/4 x 1/4 x 7/8 (Discontinued)	1
15	01000723	Flat Washer, .406 ID x 1.0 OD x .105	8		01007533	Key, 1/4 x 1/4 x 2.75	1
16	01003116	Fuel Pickup Fitting	1	30	01008623	Exhaust Pipe	1

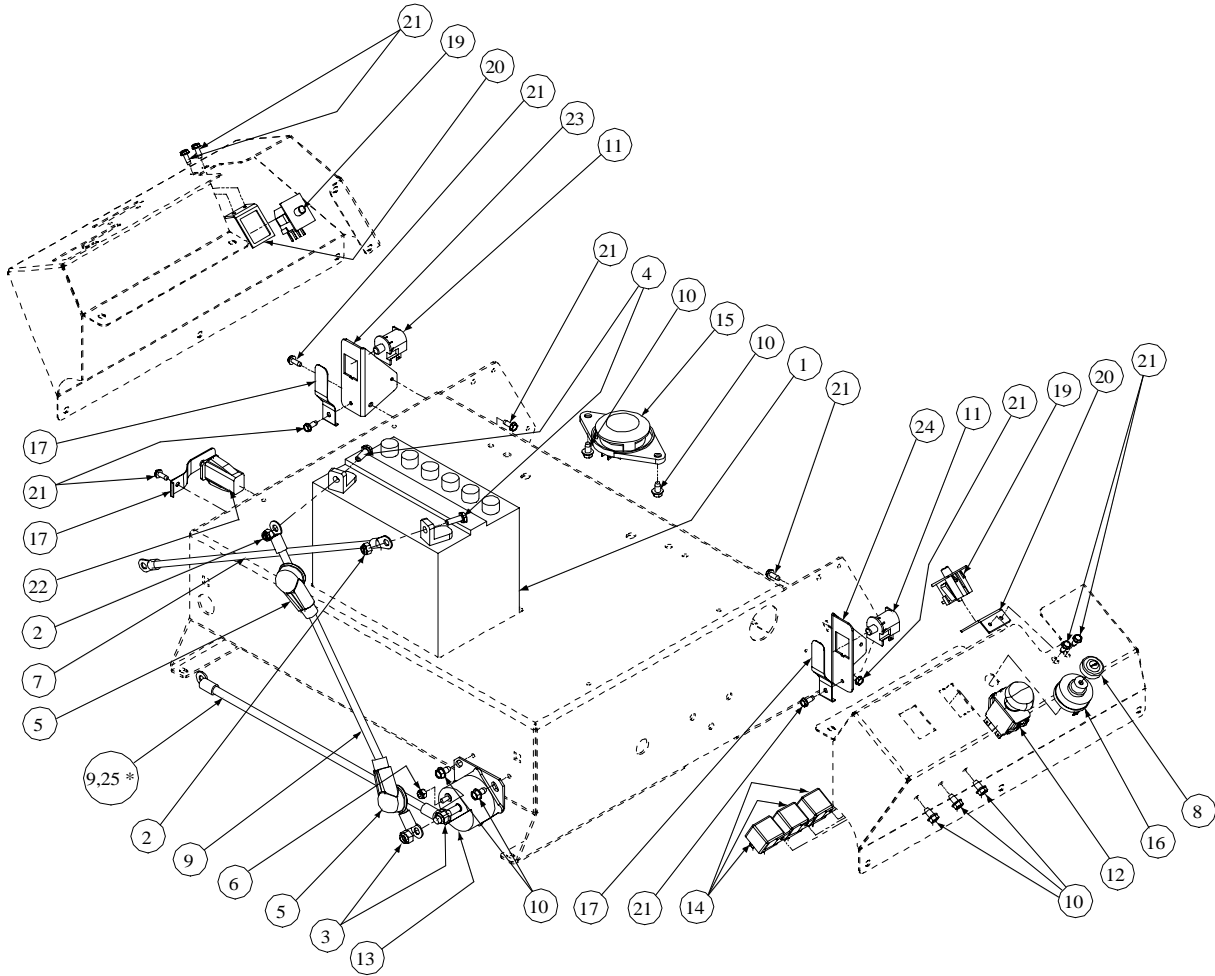
18HP Briggs Engine Assembly - Figure 8 and Parts List



GD: 01008901-T04

Ref No	Part No.	Description	Qty.	Ref No	Part No.	Description	Qty.
1	00006129	Hex Head Cap Screw, 5/16-18 x 1-3/4	4	20	01003283	Oil Drain Extension Hose	1
2	00012157	Lock Washer, 3/8 Zinc	8	21	01008138	Utility Bin	1
3	--	Hose, 1/4" Fuel Line	1	22	01008381	Electric PTO Engine Pulley (Discontinued)	1
4	00012235	Clamp, Union	2		01008808	Electric PTO Engine Pulley	1
5	00014602	Round Head Machine Screw, 10-32 x 3/4	2	23	01008883	18HP Twin Briggs Engine	1
6	00014608	Lock Nut, Nylon Insert, 10-32	2	24	01008902	Briggs Muffler	1
7	00060056	Nut, w/ Star Washer	1	25	01008544	Ogura JD08 Electric Clutch	1
8	01000069	Fuel Cap	1	26	01003272	Throttle Control Cable	1
9	01000281	Fuel Tank Groment	1	27	01008640	Clutch Retainer Assembly	1
10	01000368	Hex Cap Screw, 3/8-16 x .88	8	28	01000811	Screw, 8-32 x .375, Hex Washer	2
11	01000389	Lock Washer, 7/16	1	29	00025344	Key, 1/4 x 1/4 x 7/8 (Discontinued)	1
12	01000635	Lock Nut, Hex Flange, 5/16-18	4		01007533	Key, 1/4 x 1/4 x 2.75	1
13	01008637	Hex Cap Screw, 7/16-20 x 4.0	1	30	01008623	Exhaust Pipe	1
14	01000721	Machine Screw, 8-32 x .375	1	31	00012168	Lock Washer, 5/16	4
15	01000723	Flat Washer, .406 ID x 1.0 OD x .105	8	32	01009142	Socket Head Cap Screw, 5/16-18 x 1.00	4
16	01003116	Fuel Pickup Fitting	1	33	01004020	Choke Cable	1
17	01004004	Throttle Control Knob	1	34	01008881	Harness Adaptor	1
18	01004350	Fuel Tank	1	35	00023041	Starter Side Lock Nut 1/4-20	1
19	01005314	Flat Washer, 7/16 ID x 1.75 OD x .250	1				

Electrical Assembly - Figure 9 and Parts List



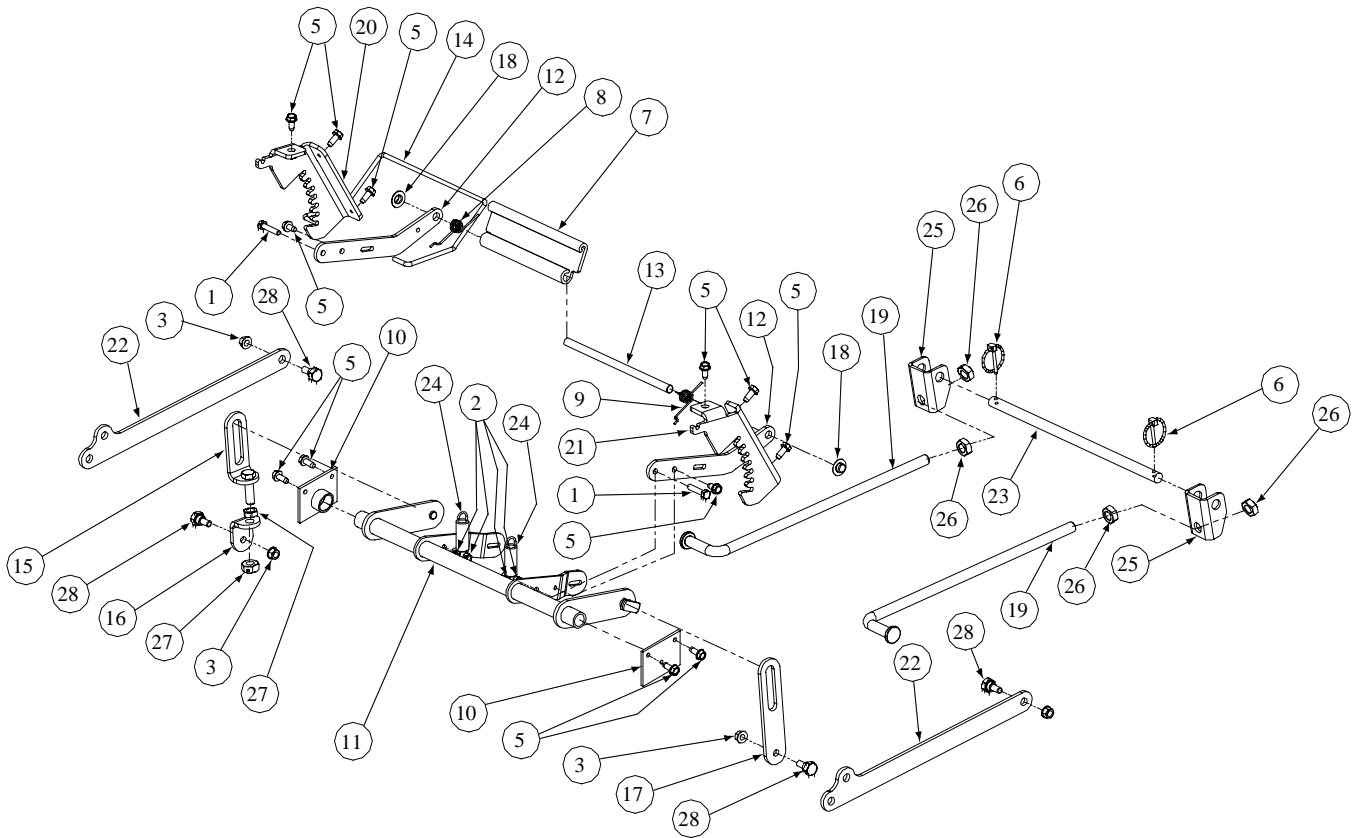
NOTE:

- * Ref. #9 use for kawasaki engines
- * Ref. #25 use for Briggs engines

GD: 01008111-T03
GD: 01009135-T00

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00012032	Battery, 12V 260CCA 30Min	1	13	01002228	Solenoid	1
2	00012152	Lock Nut, Nylon Insert, 1/4-20	2	14	01002251	Relay, 12V 40A	3
3	00012165	Nut, 5/16-18, Nylock	2	15	01003277	Normally Closed Seat Switch	1
4	00013131	Hex Cap Screw, 1/4-20 x .75	2	16	01003581	Switch, Ignition, 6 Pin	1
5	00013258	Boot, 1" OD Rubber Battery-PST Red	2	17	01008042	Safety Switch Retainer Spring	3
6	00014608	Lock Nut, Nylon Insert, 10-32	1	18	01008375	Harness Assembly (not shown)	1
7	00024233	Cable, Battery, Black, 17"	1	19	01008386	Neutral Switch	2
8	00032097	Nut, 5/8-32, w/Cap	1	20	01008511	Neutral Switch Mounting Bracket	2
9	00095773	Cable, Battery, Red, 15" (Kawasaki) Cable, Battery, Red, 15" (Briggs)	2 1	21	01008531	Self Tapping Screw, 10-32 x 1/2	11
10	01000628	Self Tapping Screw, 1/4-20 x 1/2	7	22	01008571	Switch, Plunger	1
11	01001717	Normally Closed Safety Switch	2	23	01008614	Bracket, Safety Switch, Left Hand	1
12	01002111	Electric PTO Switch	1	24	01008615	Bracket, Safety Switch, Right Hand	1
				25	01002252	Cable, Battery, Red, 24" (Briggs)	1

Lift Assembly - Figure 10 and Parts List

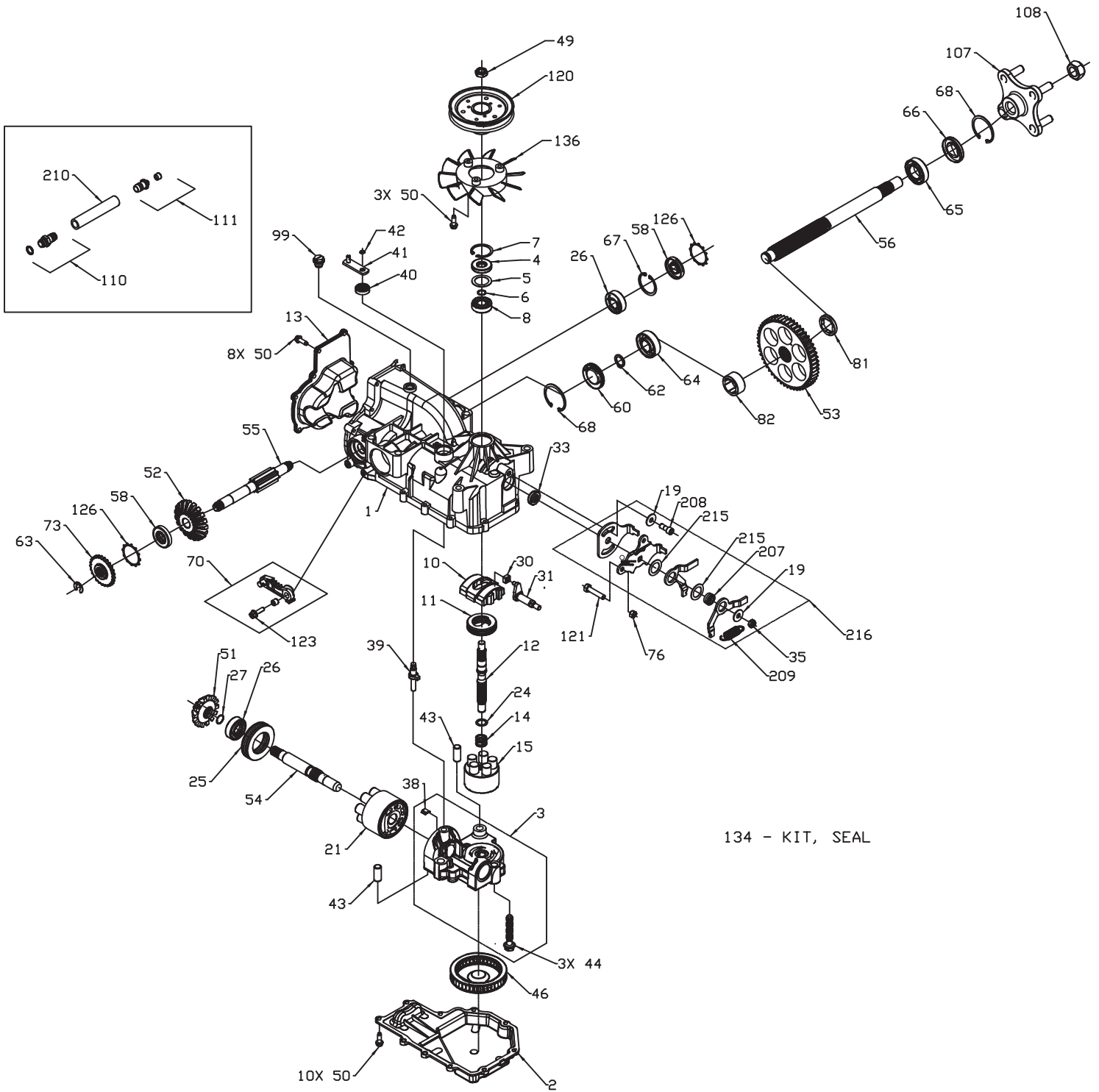


GD: 01008109-T07

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00012382	Hex Cap Screw, 5/16-18 x 1-1/2	2	15	01008467	Upper Link Lift Assembly, Left Hand	1
2	00022547	Nut, 5/16-18, Center Lock	4	16	01008183	Lower Lift Bracket, Left Hand	1
3	00022560	Nut, 3/8-16, Hex Flange Lock	4	17	01008186	Link Lift PLate, Right Hand	1
4				18	01008187	Cap Lift Push Nut	2
5	01008620	Self Tapping Screw, 5/16-18 x 3/4	12	19	01008382	Front Lift Rod	2
6	01003993	Linch Pin	2	20	01008188	Lift Index Weldment, Left Hand	1
7	01008139	Deck Lift Handle	1	21	01008189	Lift Index Weldment, Right Hand	1
8	01008140	Deck Lift Spring, Left Hand	1	22	01008465	Rear Lift Arm	2
9	01008141	Deck Lift Spring, Right Hand	1	23	01008557	Front Lift Rod	1
10	01008477	Lift Hub Assembly	2	24	01008573	Lift Spring	2
11	01008459	Lift Shaft Assembly	1	25	01008638	Front Lift Bracket	2
12	01008494	Handle Lift Arm	2	26	00035632	Jam Nut, 5/8-11	4
13	01008175	Lift Handle Rod	1	27	01008658	Jam Nut, 1/2-20	2
14	01008176	Lift Rod Index	1	28	738-3151	Shoulder Screw, 3/8-16, .56 x .27	4

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Hydro IZT Transmission L.H. 344-2400L - Figure 10



Hydro IZT Transmission L.H. 344-2400L - Parts List For Figure 10

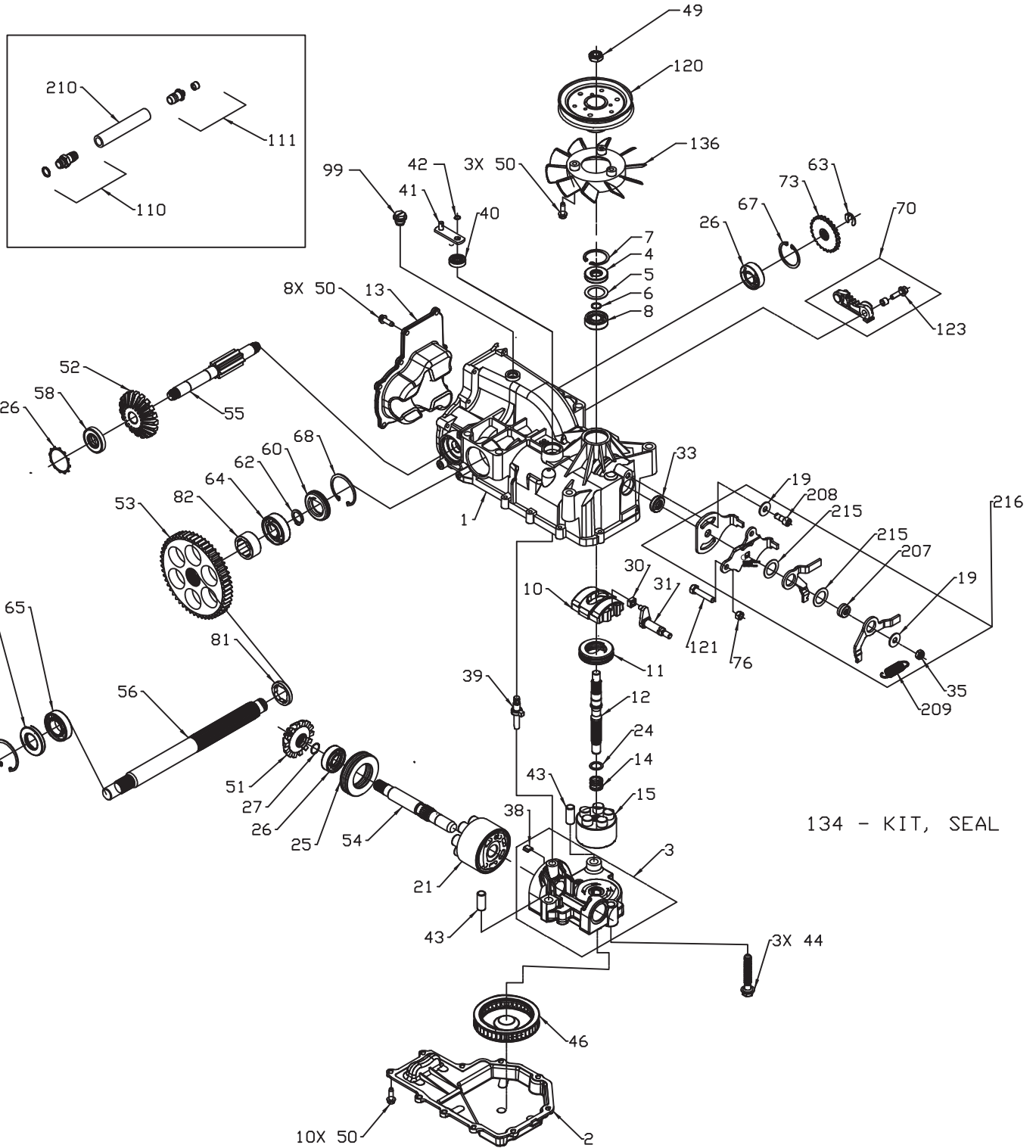
Ref. No.	Part No.	Description	Qty.
1	HG-70627	KIT, HOUSING-MAIN	1
		HOUSING, MAIN	1
		CRADLE BEARING	2
		TRUNNION BUSHING	1
		SEAL, LIP 12 x 25 x 7	1
		SCREW, HFHC 1/4-28 x 7/8 (PATCH)	1
2	HG-50890RM	LOWER HOUSING	1
3	HG-70677	KIT, CENTER SECTION	1
		CENTER SECTION	1
		BUSHING .67 x 1.03 x .75	1
		PLATE, BYPASS	1
		BOLT, HEX FLANGE 3/8-24 x 2.5	3
		CHECK PLUG ASSEMBLY, .027	2
4	HG-9008000-0128	SEAL, LIP 15 x 35 x 7	1
5	HG-2003018	SPACER	1
6	HG-2003016	RING, WIRE RETAINING	1
7	HG-2003052	RING, RETAINING	1
8	HG-2003043	BALL BEARING	1
10	HG-2003087	VARIABLE SWASHPLATE	1
11	HG-50551	THRUST BEARING 30 x 52 x 13	1
12	HG-50005	SHAFT, INPUT	1
13	HG-50891RM	COVER-BACK	1
14	HG-2003014	SPRING, BLOCK	1
15	HG-70331	10cc CYLINDER BLOCK ASSY.	1
		10cc CYLINDER BLOCK	1
		10cc PISTON SPRING	5
		PISTON SEAT WASHER	5
		10cc PISTON	5
19	HG-44130	WASHER, .34 x .88 x .06	2
21	HG-70082	21cc CYLINDER BLOCK ASSY.	1
		21cc CYLINDER BLOCK	1
		21cc PISTON SPRING	7
		PISTON SEAT WASHER	7
		21cc PISTON	7
24	HG-2003017	WASHER, BLOCK THRUST	1
25	HG-50552	THRUST BEARING 42 x 68 x 16	1
26	HG-50315	BALL BEARING	2
27	HG-2000022	RING, WIRE RETAINING	1
30	HG-2000015	SLOT GUIDE	1
31	HG-50807	TRUNNION ARM	1
33	HG-9008000-0126	SEAL, LIP 12 x 25 x 7	1
35	HG-50108	NUT, HEX LOCK LOCK 5/16-24 UNJF	1
38	HG-70680	KIT, BYPASS PLATE	1
		PLATE, BYPASS (BREAD)	1
		PLATE, BYPASS	1
39	HG-2003555	BYPASS ACTUATOR	1
40	HG-45074	SEAL, LIP 10 x 25 x 7	1
41	HG-50270	ARM, BYPASS	1
42	HG-44870	RING, RETAINING	1
43	HG-50002	PIN, HOLLOW .39 x .5 x 1	2
44	HG-50016	BOLT, HEX FLANGE 3/8-24 x 2.5	3
46	HG-50990	FILTER	1
49	HG-51244	HEX LOCK NUT 1/2-20 (NYLON INSERT)	1
50	HG-50752	SCREW, 1/4-20 x .75	21
51	HG-50744	14T BEVEL GEAR	1
52	HG-50745	19T BEVEL GEAR	1
53	HG-50746	53T SPUR GEAR	1

Hydro IZT Transmission L.H. 344-2400L - Parts List For Figure 10

Ref. No.	Part No.	Description	Qty.
54	HG-50757	SHAFT, MOTOR	1
55	HG-51298	SHAFT, BRAKE	1
56	HG-50748	SHAFT, AXLE	1
58	HG-51161	SEAL, LIP 17 x 40 x 7	2
60	HG-50995	SEAL PLUG-SIDE	1
62	HG-50759	RING, RETAINING-AXLE	1
63	HG-51109	RING, RETAINING	1
64	HG-50743	BEARING-BALL 20 x 47 x 14 (6204)	1
65	HG-50740	BEARING-BALL 25 x 47 x 12 (6005)	1
66	HG-50751	SEAL, LIP 25 x 47 x 7	1
67	HG-50329	RING, RETAINING	1
68	HG-50760	RING, RETAINING-AXLE	2
70	HG-70391	ASSEMBLY, BRAKE ARM SERVICE	1
		ARM, BRAKE ZINC	1
		CLEVIS PIN	1
		BUSHING .255 x .394 x .330	1
		SCREW, HFHC 1/4-28 x 7/8 (PATCH)	1
73	HG-50754	BRAKE DISC	1
76	HG-43083	NUT, HEX 5/16-18	1
81	HG-50942-2	AXLE BUSHING	1
82	HG-50942-1	AXLE BUSHING	1
99	HG-9005200-5600	PLUG, PLASTIC	1
107	HG-70314	HUB ASSEMBLY	1
		HUB	1
		LUG BOLT	4
108	HG-50863	NUT, HEX 3/4-16	1
110	HG-70110	FITTING O-RING ASSEMBLY	1
		PLASTIC HOSE FITTING	1
		O-RING	1
111	HG-70109	CAP VENT ASSEMBLY	1
		CAP-POPPET VALVE	1
		PLASTIC VENT	1
120	HG-50302	PULLEY, 4.5 x 1.625	1
121	HG-51753	BOLT, 5/16-18 x 1.50	1
123	HG-51576	SCREW, HFHC 1/4-28 x 7/8 (PATCH)	1
126	HG-51316	RING, RETAINING	2
134	HG-70553	KIT, SEAL	1
136	HG-51365	FAN, 6" 10 BLADE	1
207	HG-51396	SPACER, RTN	1
208	HG-51400	SHCS 5/16-24 x .75 (PATCH)	1
209	HG-51399	SPRING, EXTENSION	1
210	HG-51401	HOSE .5 x 4	1
215	HG-51408	WASHER, PLASTIC 1.19 x .7	2
216	HG-70609	KIT, RTN SCISSOR	1
		WASHER, .34 x .88 x .06	2
		NUT, HEX LOCK 5/16-24 UNJF	1
		ARM, RTN	1
		ARM, RTN SCISSOR, INNER	1
		ARM, RTN SCISSOR, OUTER	1
		ARM, CONTROL	1
		SPACER, RTN	1
		SPRING, EXTENSION	1
		SHCS 5/16-24 x .75 (PATCH)	1
		WASHER, PLASTIC 1.19 x .7	2

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Hydro IZT Transmission R.H. 344-2400R - Figure 11



Hydro IZT Transmission R.H. 344-2400R - Parts List For Figure 11

Ref. No.	Part No.	Description	Qty.
1	HG-70627	KIT, HOUSING-MAIN	1
		HOUSING, MAIN	1
		CRADLE BEARING	2
		TRUNNION BUSHING	1
		SEAL, LIP 12 x 25 x 7	1
		SCREW, HFHC 1/4-28 x 7/8 (PATCH)	1
2	HG-50890RM	LOWER HOUSING	1
3	HG-70677	KIT, CENTER SECTION	1
		CENTER SECTION	1
		BUSHING .67 x 1.03 x .75	1
		PLATE, BYPASS	1
		BOLT, HEX FLANGE 3/8-24 x 2.5	3
		CHECK PLUG ASSEMBLY, .027	2
4	HG-9008000-0128	SEAL, LIP 15 x 35 x 7	1
5	HG-2003018	SPACER	1
6	HG-2003016	RING, WIRE RETAINING	1
7	HG-2003052	RING, RETAINING	1
8	HG-2003043	BALL BEARING	1
10	HG-2003087	VARIABLE SWASHPLATE	1
11	HG-50551	THRUST BEARING 30 x 52 x 13	1
12	HG-50005	SHAFT, INPUT	1
13	HG-50891RM	COVER-BACK	1
14	HG-2003014	SPRING, BLOCK	1
15	HG-70331	10cc CYLINDER BLOCK ASSY.	1
		10cc CYLINDER BLOCK	1
		10cc PISTON SPRING	5
		PISTON SEAT WASHER	5
		10cc PISTON	5
19	HG-44130	WASHER, .34 x .88 x .06	2
21	HG-70082	21cc CYLINDER BLOCK ASSY.	1
		21cc CYLINDER BLOCK	1
		21cc PISTON SPRING	7
		PISTON SEAT WASHER	7
		21cc PISTON	7
24	HG-2003017	WASHER, BLOCK THRUST	1
25	HG-50552	THRUST BEARING 42 x 68 x 16	1
26	HG-50315	BALL BEARING	2
27	HG-2000022	RING, WIRE RETAINING	1
30	HG-2000015	SLOT GUIDE	1
31	HG-50807	TRUNNION ARM	1
33	HG-9008000-0126	SEAL, LIP 12 x 25 x 7	1
35	HG-50108	NUT, HEX LOCK LOCK 5/16-24 UNJF	1
38	HG-70680	KIT, BYPASS PLATE	1
		PLATE, BYPASS (BREAD)	1
		PLATE, BYPASS	1
39	HG-2003555	BYPASS ACTUATOR	1
40	HG-45074	SEAL, LIP 10 x 25 x 7	1
41	HG-50270	ARM, BYPASS	1
42	HG-44870	RING, RETAINING	1
43	HG-50002	PIN, HOLLOW .39 x .5 x 1	2
44	HG-50016	BOLT, HEX FLANGE 3/8-24 x 2.5	3
46	HG-50990	FILTER	1
49	HG-51244	HEX LOCK NUT 1/2-20 (NYLON INSERT)	1
50	HG-50752	SCREW, 1/4-20 x .75	21
51	HG-50744	14T BEVEL GEAR	1
52	HG-50745	19T BEVEL GEAR	1
53	HG-50746	53T SPUR GEAR	1

Hydro IZT Transmission R.H. 344-2400R - Parts List For Figure 11

Ref. No.	Part No.	Description	Qty.
54	HG-50757	SHAFT, MOTOR	1
55	HG-51298	SHAFT, BRAKE	1
56	HG-50748	SHAFT, AXLE	1
58	HG-51161	SEAL, LIP 17 x 40 x 7	2
60	HG-50995	SEAL PLUG-SIDE	1
62	HG-50759	RING, RETAINING-AXLE	1
63	HG-51109	RING, RETAINING	1
64	HG-50743	BEARING-BALL 20 x 47 x 14 (6204)	1
65	HG-50740	BEARING-BALL 25 x 47 x 12 (6005)	1
66	HG-50751	SEAL, LIP 25 x 47 x 7	1
67	HG-50329	RING, RETAINING	1
68	HG-50760	RING, RETAINING-AXLE	2
70	HG-70391	ASSEMBLY, BRAKE ARM SERVICE	1
		ARM, BRAKE ZINC	1
		CLEVIS PIN	1
		BUSHING .255 x .394 x .330	1
		SCREW, HFHC 1/4-28 x 7/8 (PATCH)	1
73	HG-50754	BRAKE DISC	1
76	HG-43083	NUT, HEX 5/16-18	1
81	HG-50942-2	AXLE BUSHING	1
82	HG-50942-1	AXLE BUSHING	1
99	HG-9005200-5600	PLUG, PLASTIC	1
107	HG-70314	HUB ASSEMBLY	1
		HUB	1
		LUG BOLT	4
108	HG-50863	NUT, HEX 3/4-16	1
110	HG-70110	FITTING O-RING ASSEMBLY	1
		PLASTIC HOSE FITTING	1
		O-RING	1
111	HG-70109	CAP VENT ASSEMBLY	1
		CAP-POPPET VALVE	1
		PLASTIC VENT	1
120	HG-50302	PULLEY, 4.5 x 1.625	1
121	HG-51753	BOLT, 5/16-18 x 1.50	1
123	HG-51576	SCREW, HFHC 1/4-28 x 7/8 (PATCH)	1
126	HG-51316	RING, RETAINING	2
134	HG-70553	KIT, SEAL	1
136	HG-51365	FAN, 6" 10 BLADE	1
207	HG-51396	SPACER, RTN	1
208	HG-51400	SHCS 5/16-24 x .75 (PATCH)	1
209	HG-51399	SPRING, EXTENSION	1
210	HG-51401	HOSE .5 x 4	1
215	HG-51408	WASHER, PLASTIC 1.19 x .7	2
216	HG-70609	KIT, RTN SCISSOR	1
		WASHER, .34 x .88 x .06	2
		NUT, HEX LOCK 5/16-24 UNJF	1
		ARM, RTN	1
		ARM, RTN SCISSOR, INNER	1
		ARM, RTN SCISSOR, OUTER	1
		ARM, CONTROL	1
		SPACER, RTN	1
		SPRING, EXTENSION	1
		SHCS 5/16-24 x .75 (PATCH)	1
		WASHER, PLASTIC 1.19 x .7	2

(QTY 2) 777D03448

44

777S30018



777I20847



777S30503



777S30145



777I22098

Decal Map

(QTY 2) 777I22094



777I22094



777I22095 (Kawasaki)
0-1009-146 (Briggs & Stratton)



777I22093

777D07035



(QTY 2) 777D07037
Centered on lower panels.
On both sides.



777S32161



(QTY 3) 777D03479
On both sides of the frame
and centered on the rear fender.



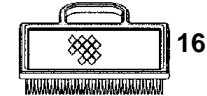
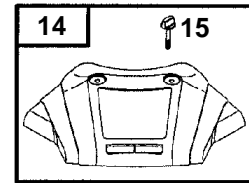
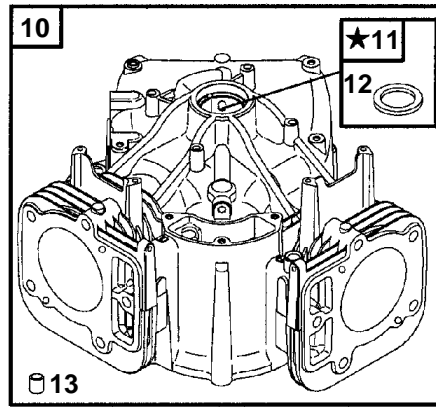
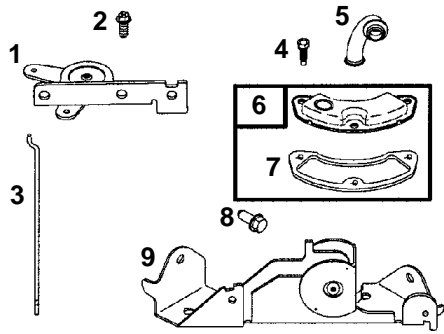
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placed across the top of the edge.

777D07038

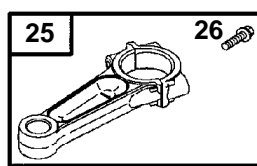
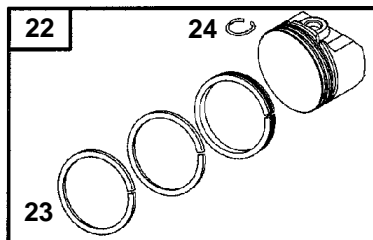


MODEL Z-FORCE

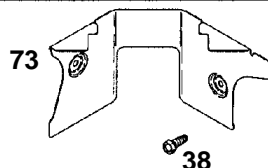
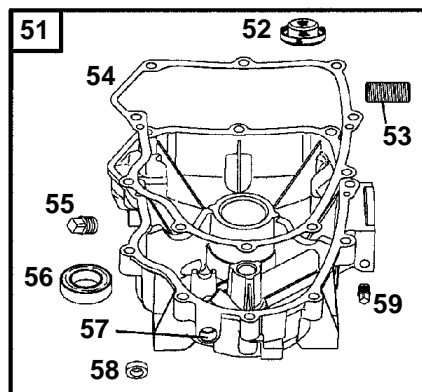
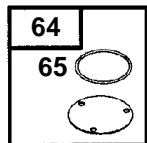
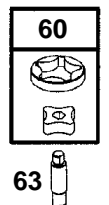
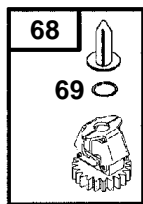
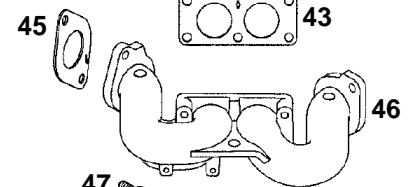
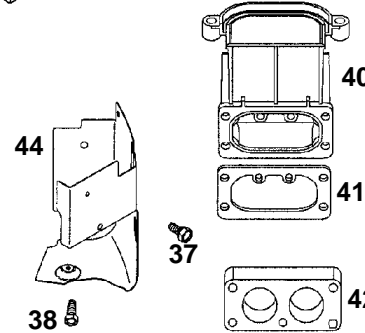
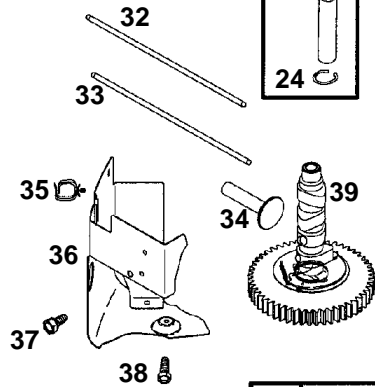
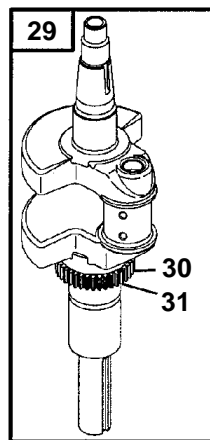
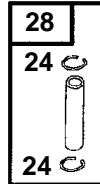
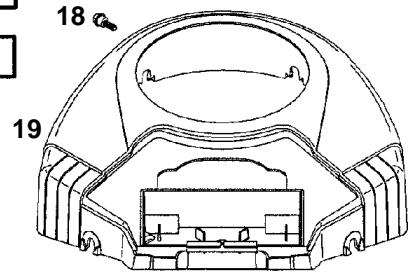
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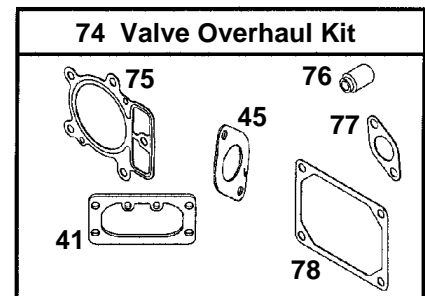
★ Requires Special Tools to Install. See Repair Instruction Manual.



27 Label Kit



71 Emissions Label



Assemblies Include All Parts Shown In Frames

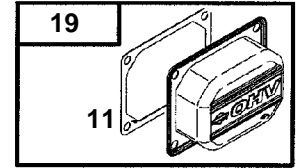
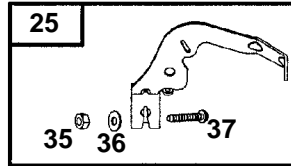
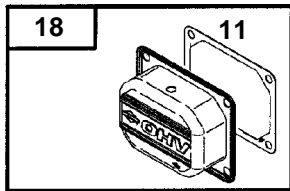
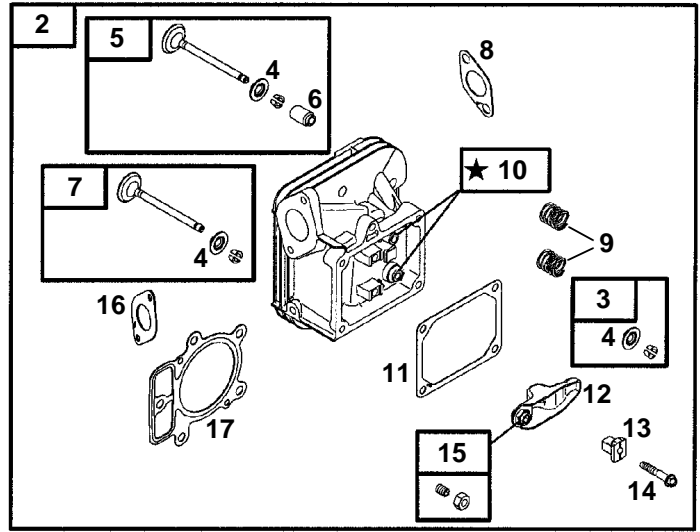
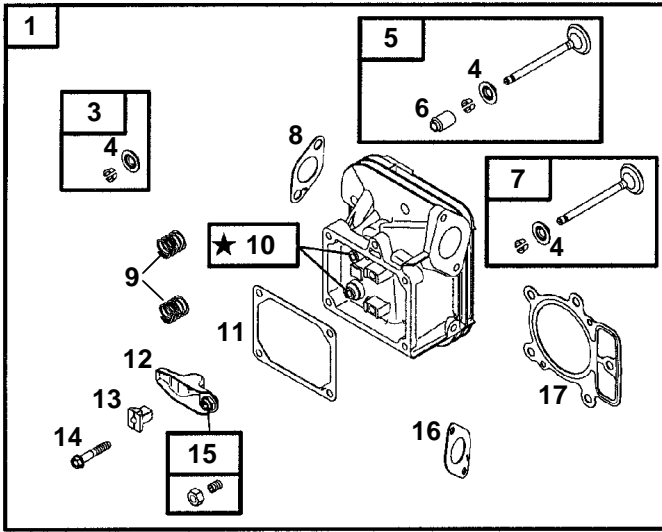
MODEL Z-FORCE

B & S 407777-0128-E1

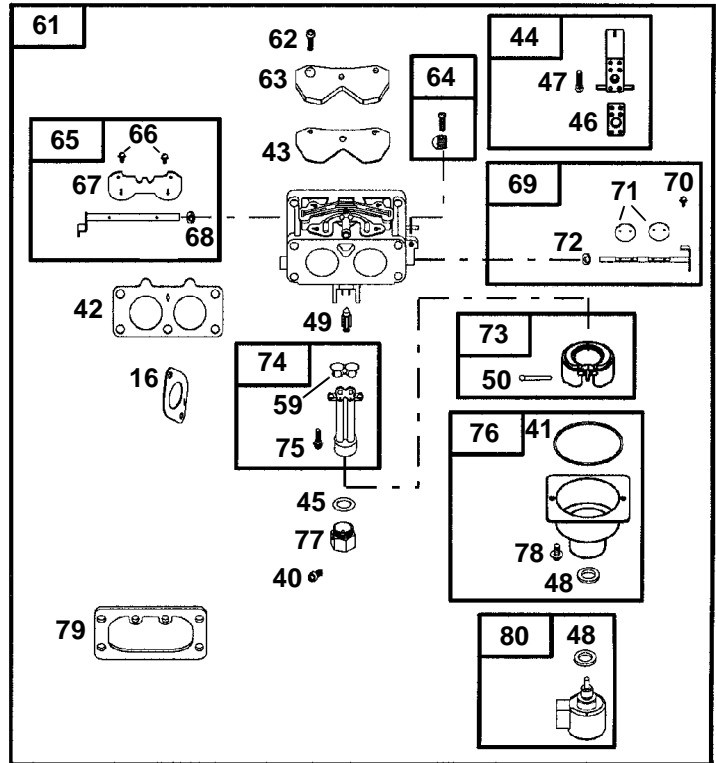
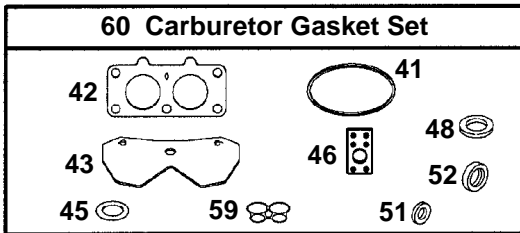
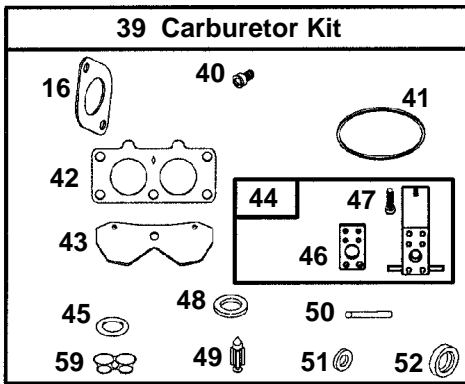
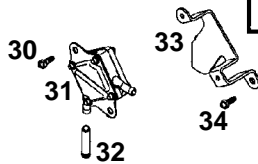
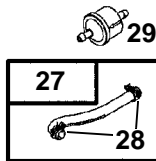
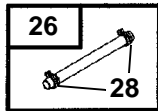
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1	BS-691021	Choke Control Bracket	37	BS-94930	Screw (Air Guide Cover)
2	BS-94930	Screw (Choke Control Bracket)	38	BS-690960	Screw (Air Guide Cover)
3	BS-691022	Choke Link	39	BS-690978	Camshaft
4	BS-690960	Screw (Breather Assembly)	40	BS-691011	Air Adapter
5	BS-690942	Breather Tube	41	BS-691001	Air Cleaner Gasket
6	BS-499601	Breather Assembly	42	BS-690952	Carburetor Spacer
7	BS-690937	Breather Gasket	43	BS-690950	Intake Gasket
8	BS-690960	Screw (Control Bracket)	44	BS-691014	Air Guide Cover (Cylinder #2)
9	BS-691023	Control Bracket	45	BS-690949	Intake Gasket
10	BS-690231	Cylinder Assembly	46	BS-693996	Intake Manifold
11	BS-499585	Bushing/Seal Kit (Magneto Side)	47	BS-94913	Screw (Intake Manifold)
12	BS-391086	Oil Seal (Magneto Side)	48	BS-492932	Oil Filter
13	BS-230192	Locating Pin	49	BS-94010	Nut (Carburetor)
14	BS-499788	Air Cleaner Cover	50	BS-690951	Stud (Carburetor)
15	BS-691008	Air Cleaner Knob	51	BS-690069	Engine Sump
16	BS-499486S	Air Cleaner Cartridge Filter	52	BS-690770	Oil Pump Screen
17	BS-273638S	Pre-Cleaner Filter	53	BS-690954	Oil Filter Nipple
18	BS-691005	Screw (Blower Housing)	54	BS-690945	Crankcase Gasket
19	BS-691004	Blower Housing	55	BS-94239	Oil Drain Plug
20	BS-491657	Oil Pressure Switch	56	BS-690947	Oil Seal (PTO Side)
21	BS-222698	Flywheel Key	57	BS-690552	Governor Crank Bushing
22	BS-499588	Piston Assembly (Standard)	58	BS-690657	Governor Shaft Seal
	BS-499589	Piston Assy. (.010 Oversize)	59	BS-690283	Oil Plug
	BS-499590	Piston Assy. (.020 Oversize)	60	BS-499054	Oil Pump
	BS-499591	Piston Assy. (.030 Oversize)	61	BS-690956	Oil Collector
23	BS-499604	Ring Set (Standard)	62	BS-690957	Breather Retainer
	BS-499605	Ring Set (.010 Oversize)	63	BS-691042	Pump Shaft
	BS-499606	Ring Set (.020 Oversize)	64	BS-499613	Oil Pump Cover
	BS-499607	Ring Set (.030 Oversize)	65	BS-690589	O-Ring Seal (Oil Pump Cover)
24	BS-263181	Piston Pin Lock	66	BS-691033	Screw (Oil Pump Cover)
25	BS-499583	Connecting Rod	67	BS-690412	Washer (Governor Gear)
26	BS-690976	Screw (Connecting Rod)	68	BS-394348	Governor Gear
27	BS-690103	Label Kit	69	BS-690317	Governor Shaft Retainer
28	BS-690229	Piston Pin	71	BS-695104	Emissions Label
29	BS-691046	Crankshaft	72	BS-690308	Screw (Engine Sump)
30	BS-94388	Timing Key	73	BS-691015	Air Guide Cover
31	BS-690980	Timing Gear	74	BS-499890	Valve Overhaul Kit
32	BS-690981	Rod-Push (Steel)	75	BS-690962	Cylinder Head Gasket
33	BS-690982	Rod-Push (Aluminum)	76	BS-690968	Valve Seal
34	BS-262679	Valve Tappet	77	BS-690970	Exhaust Gasket
35	BS-691010	Clip	78	BS-690971	Rocker Cover Gasket
36	BS-691012	Air Guide Cover (Cylinder #1)	-	BS-692714	Short Block

MODEL Z-FORCE

B & S 407777-0128-E1



★ Requires Special Tools to Install. See Repair Instruction Manual.



Assemblies Include All Parts Shown In Frames

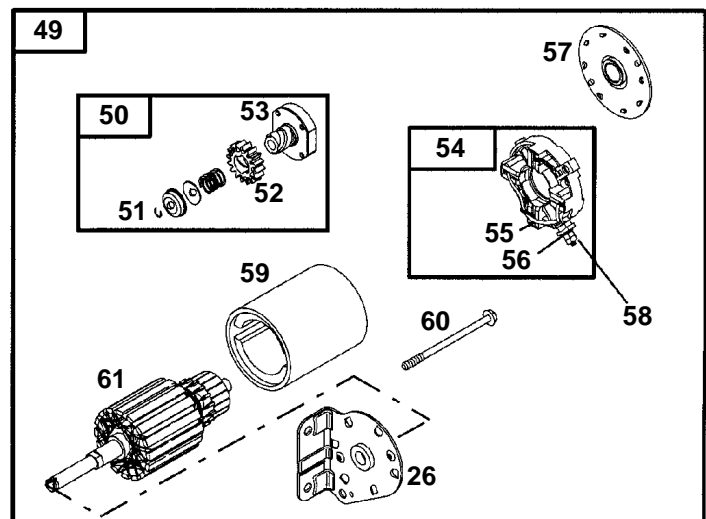
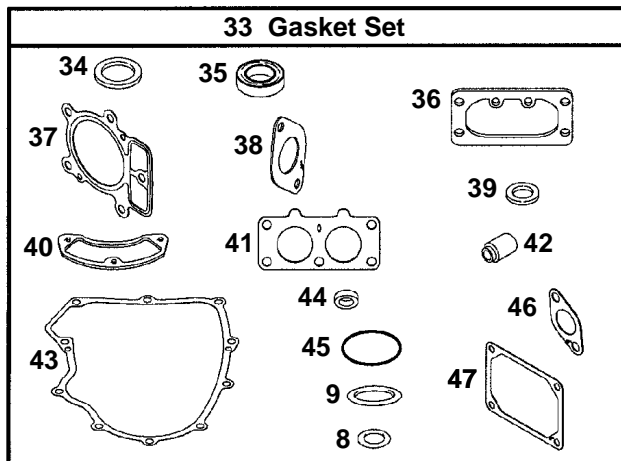
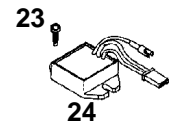
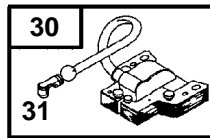
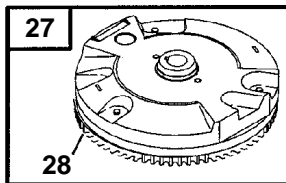
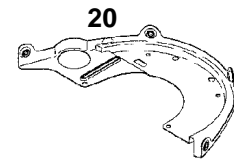
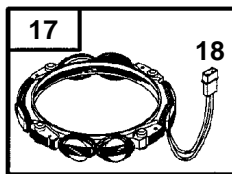
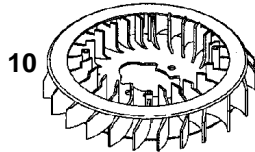
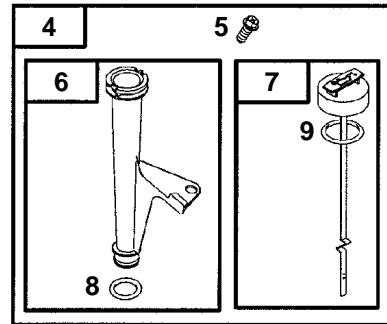
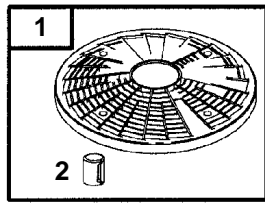
MODEL Z-FORCE

B & S 407777-0128-E1

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	BS-499587	Cylinder Head (Cylinder #1)	41	BS-690994	Float Bowl Gasket
2	BS-499595	Cylinder Head (Cylinder #2)	42	BS-690950	Intake Gasket
3	BS-499586	Valve Keeper	43	BS-690234	Carburetor Cover Plate Gasket
4	BS-690964	Valve Retainer	44	BS-499808	Carburetor Nozzle
5	BS-499597	Intake Valve	45	BS-499599	Cover-Rocker (Cylinder #1)
6	BS-690968	Valve Seal	46	BS-690995	Nozzle Gasket
7	BS-499596	Exhaust Valve	47	BS-690990	Screw (Carburetor Nozzle)
8	BS-690970	Exhaust Gasket	48	BS-690997	Sealing Washer
9	BS-690963	Valve Spring	49	BS-690985	Float Needle Valve
10	BS-262835	Guide Bushing	50	BS-690984	Float Hinge Pin
11	BS-690971	Rocker Cover Gasket	51	BS-690998	Choke Shaft Seal
12	BS-690972	Rocker Arm	52	BS-691000	Throttle Shaft Seal
13	BS-806038	Rocker Arm Pivot	53	BS-691045	Governor Crank
14	BS-690967	Screw (Rocker Arm)	54	BS-690552	Governor Crank Bushing
15	BS-690083	Rocker Arm Adjuster	55	BS-690553	Governor Crank Bushing
16	BS-690949	Intake Gasket	56	BS-690328	E-Ring Retainer
17	BS-690962	Cylinder Head Gasket	57	BS-690442	Washer (Governor Crank)
18	BS-499599	Cover-Rocker (Cylinder #1)	58	BS-690657	Governor Shaft Seal
19	BS-499600	Cover-Rocker (Cylinder #2)	59	BS-690988	O-Ring Seal (Fuel Transfer Tube)
20	BS-690360	Screw (Cylinder Head)	60	BS-499812	Carburetor Gasket Set
21	759-3336	Sparkplug	61	BS-499804	Carburetor
22	BS-691019	Governed Idle Spring	62	BS-690990	Screw (Cover Plate)
23	BS-691018	Governor Spring	63	BS-690999	Cover Plate
24	BS-690960	Screw (Rocker Cover)	64	BS-499802	Idle Speed Kit
25	BS-691048	Governor Control Lever	65	BS-499807	Choke Shaft Kit
26	BS-298049	Fuel Line (Cut to Required Length)	66	BS-805538	Screw (Choke Shaft)
27	BS-691049	Fuel Line (Molded)	67	BS-690986	Choke Valve
28	BS-95162	Hose Clamp	68	BS-690998	Choke Shaft Seal
29	BS-493629	Fuel Filter	69	BS-499805	Throttle Shaft Kit
30	BS-690960	Screw (Fuel Pump)	70	BS-805538	Screw (Throttle Valve)
31	BS-691034	Fuel Pump	71	BS-690993	Throttle Valve
32	BS-691040	Vacuum Hose	72	BS-691000	Throttle Shaft Seal
33	BS-691039	Fuel Pump Bracket	73	BS-499806	Carburetor Float
34	BS-690960	Screw (Fuel Pump Bracket)	74	BS-499803	Fuel Transfer Tube
35	BS-92278	Nut (Governor Control Lever)	75	BS-690991	Screw (Fuel Transfer Tube)
36	BS-94942	Washer (Governor Control Lever)	76	BS-499810	Float Bowl
37	BS-93853	Bolt (Governor Control Lever)	77	BS-690996	Solenoid Retainer
38	BS-691020	Throttle Link	78	BS-690992	Screw (Float Bowl)
39	BS-499811	Carburetor Kit	79	BS-691001	Air Cleaner Gasket
40	BS-690232	Main Jet	80	BS-499809	Fuel Solenoid
	BS-690989	Main Jet (High Altitude)			

MODEL Z-FORCE

B & S 407777-0128-E1



Assemblies Include All Parts Shown In Frames

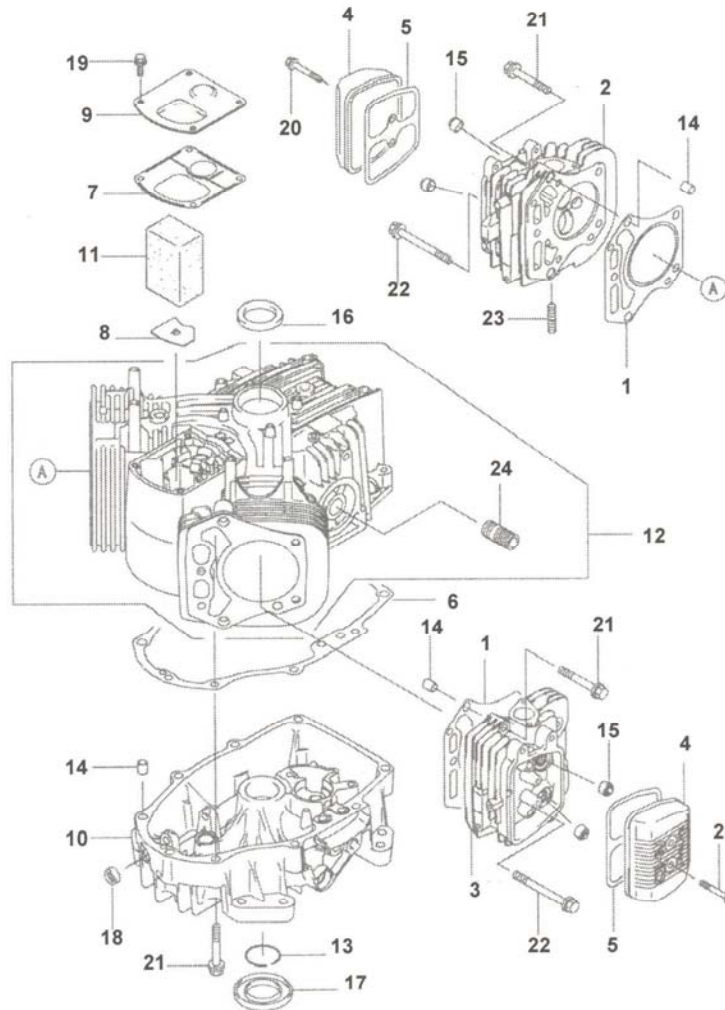
MODEL Z-FORCE

B & S 407777-0128-E1

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	BS-691055	Rotating Screen	32	BS-66538	Sparkplug Boot
2	BS-691215	Spacer	33	BS-499889	Engine Gasket Set
3	BS-691057	Screw (Rotating Screen)	34	BS-391086	Oil Seal (Magneto Side)
4	BS-499602	Dipstick/Tube Assembly	35	BS-690947	Oil Seal (PTO Side)
5	BS-690960	Screw (Dipstick Tube)	36	BS-691001	Air Cleaner Gasket
6	BS-691037	Dipstick Tube	37	BS-690962	Cylinder Head Gasket
7	BS-691036	Dipstick	38	BS-690949	Intake Gasket
8	BS-691032	Dipstick Tube Seal	39	BS-690997	Sealing Washer
9	BS-499602	Dipstick/Tube Seal	40	BS-690937	Breather Gasket
10	BS-691243	Flywheel Fan	41	BS-690950	Intake Gasket
11	BS-691059	Nut (Flywheel)	42	BS-690968	Valve Seal
12	BS-691056	Washer (Flywheel)	43	BS-690945	Crankcase Gasket
13	BS-94627	Screw (Fan-Retainer)	44	BS-690657	Governor Shaft Seal
14	BS-93621	Screw (Alternator)	45	BS-690589	O-Ring Seal (Oil Pump Cover)
15	BS-19203	Flywheel Puller	46	BS-690970	Exhaust Gasket
16	BS-691247	Fan Retainer	47	BS-690971	Rocker Cover Gasket
17	BS-393295	Alternator (Dual Circuit)	48	BS-94951	Screw (Drive Cap)
18	BS-393456	Alternator Connector/Wire	49	BS-691262	Starter Motor
19	BS-691220	Wiring Harness	50	BS-497606	Starter Drive
20	BS-691009	Back Plate	51	BS-263080	Retaining Ring
21	BS-690960	Screw (Back Plate)	52	BS-693058	Pinion Gear
22	BS-694123	Wire Clip	53	BS-398003	Drive Clutch
23	BS-690960	Screw (Regulator)	54	BS-497605	Brush Retainer
24	BS-394890	Regulator (Regulated-16 Amp)	55	BS-497608	Brush Set
26	BS-691283	Drive Cap	56	BS-693167	Nut (Brush Retainer)
27	BS-691053	Flywheel	57	BS-497607	End Cap
28	BS-499612	Gear-Ring	58	BS-92278	Nut (Brush Retainer)
29	BS-94731	Screw (Magneto Armature)	59	BS-691262	Housing-Starter
30	BS-691060	Magneto Armature	60	BS-95035	Bolt (Starter Motor)
31	BS-493880	Sparkplug Terminal	61	-	Armature (Serviced By Starter Only)

CYLINDER / CRANKCASE

FH451V-AS18

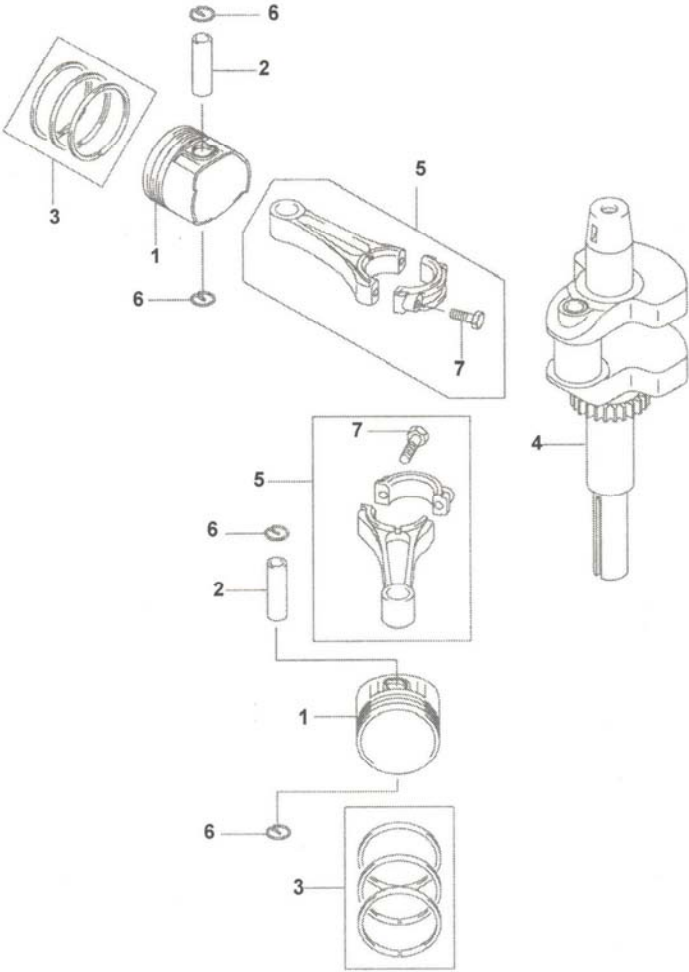


CYLINDER / CRANKCASE**FH451V-AS18**

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KM-11004-7005	Head Gasket	2
2	KM-11008-6042	Cylinder Head #1	1
3	KM-11008-7009	Cylinder Head #2	1
4	KM-11022-7003	Rocker Case	2
5	KM-11060-7001	Rocker Case Gasket	2
6	KM-11060-7008	Crankcase Gasket	1
7	KM-11061-7001	Breather Gasket	1
8	KM-13271-7016	Plate	1
9	KM-14091-7006	Breather Cover	1
10	KM-49015-6524	Crankcase Cover	1
11	KM-49109-7002	Breather Element	1
12	KM-49120-7021	Crankcase Complete	1
13	KM-92033-7003	Snap Ring	1
14	KM-92043-7001	Pin	6
15	KM-92049-7005	Oil Seal	4
16	KM-92049-7009	Oil Seal	1
17	KM-92049-7010	Oil Seal	1
18	KM-92049-7011	Oil Seal	1
19	KM-130G0612	Flange Bolt	4
20	KM-130B0640	Flange Bolt	4
21	KM-130T0850	Flange Bolt	17
22	KM-130T0875	Flange Bolt	2
23	KM-172G0818	Stud Bolt	4
24	KM-59071-2079	Joint	1

PISTON / CRANKSHAFT

FH451V-AS18

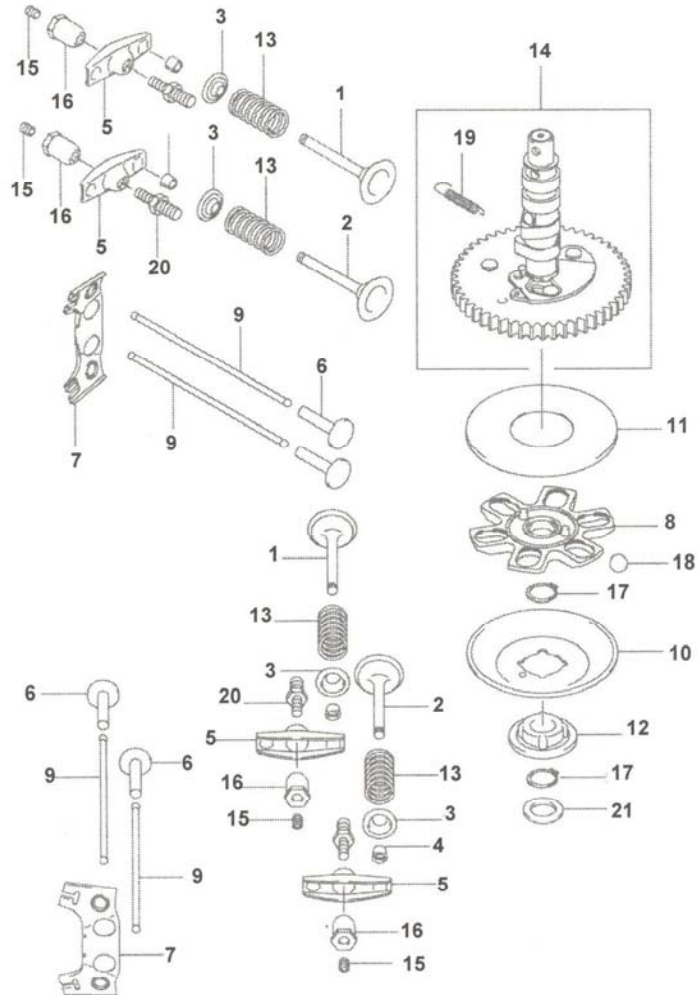


PISTON / CRANKSHAFT**FH451V-AS18**

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KM-13001-7008	Piston	2
	KM-13029-7004	Piston, 0.50	AR
2	KM-13002-7001	Piston Pin	2
3	KM-13008-6055	Piston Ring Set	2
	KM-13025-7001	Piston Ring Set, 0.50	AR
4	KM-13031-7001	Crankshaft	1
5	KM-13251-7004	Connecting Rod	2
	KM-13251-7003	Connecting Rod, 0.50	AR
6	KM-92033-7005	Snap Ring	4
7	KM-130G0630	Flange Bolt	4

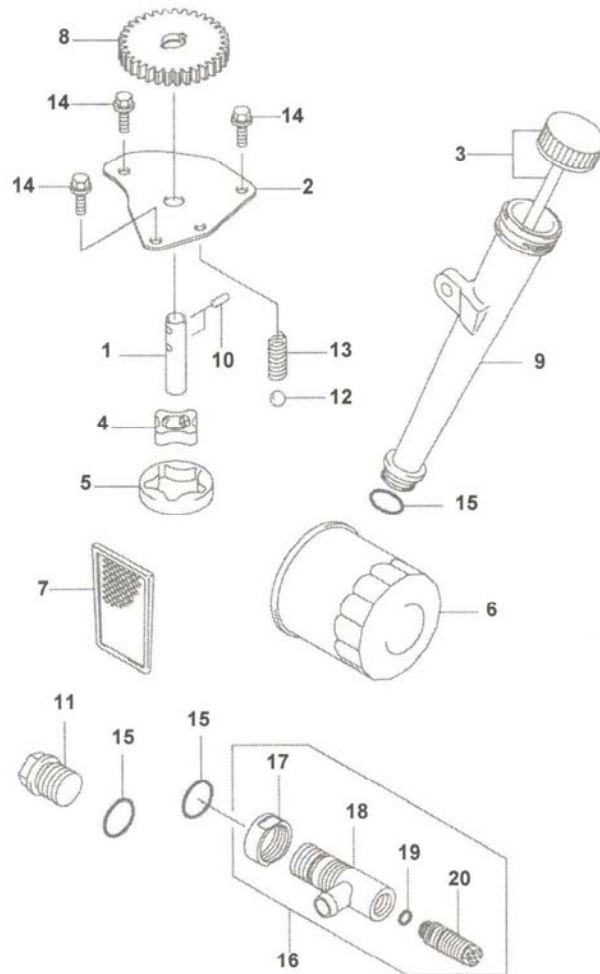
VALVE / CAMSHAFT

FH451V-AS18



VALVE / CAMSHAFT**FH451V-AS18**

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KM-12004-7003	Intake Valve	2
2	KM-12005-7003	Exhaust Vale	2
3	KM-12009-7001	Valve Spring Retainer	4
4	KM-12011-2056	Collet	8
5	KM-12016-7001	Rocker Arm	4
6	KM-12032-7001	Tappet	4
7	KM-13070-7001	Guide	1
8	KM-13070-7004	Guide	1
9	KM-13116-2057	Push Rod	4
10	KM-13271-7021	Governor Plate	1
11	KM-13271-7007	Plate	1
12	KM-42036-7009	Sleeve	1
13	KM-49078-7001	Valve Spring	4
14	KM-49118-7002	Camshaft	1
15	KM-92009-2341	Screw	4
16	KM-92015-2253	Nut	4
17	KM-92033-7001	Snap Ring	2
18	KM-92140-7002	Ball	6
19	KM-92145-7001	Spring	1
20	KM-92153-7019	Bolt	4
21	KM-92200-7001	Washer	1

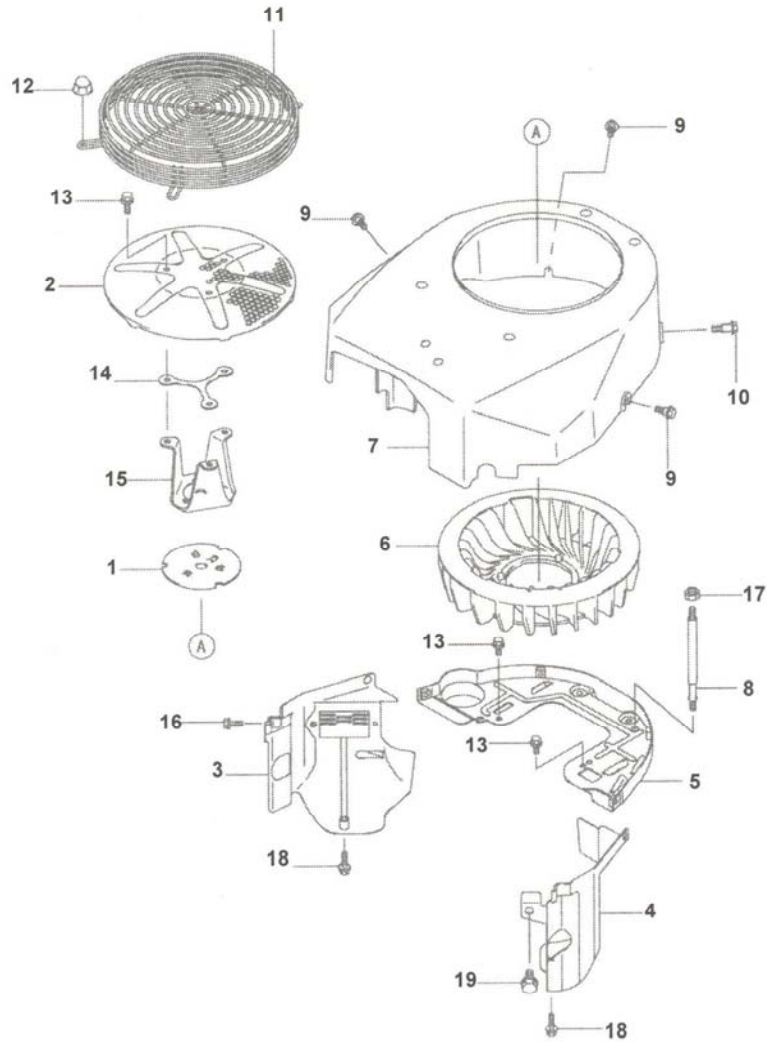


LUBRICATION EQUIPMENT**FH451V-AS18**

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KM-13107-7009	Shaft	1
2	KM-13271-7017	Plate	1
3	KM-14075-7009	Cap Assy.	1
4	KM-16154-2053	Pump Rotor (Inner)	1
5	KM-16154-2054	Pump Rotor (Outer)	1
6	KM-49065-2078	Oil Filter (Spin On)	1
7	KM-49065-7004	Oil Filter (Internal)	1
8	KM-59051-7011	Spur Gear	1
9	KM-59231-7005	Oil Dipstick Tube	1
10	KM-92043-7003	Pin	2
11	KM-92066-7003	Plug	1
12	KM-92140-7003	Ball	1
13	KM-92145-7002	Spring	1
14	KM-130G0612	Flange Bolt	3
15	KM-670D2016	O-Ring	3
16	KM-49116-7001	Valve Assy.	1
17	KM-92210-7012	Nut	1
18	KM-59071-7008	Joint	1
19	KM-92055-7002	O-Ring	1
20	KM-92066-7007	Plug	1

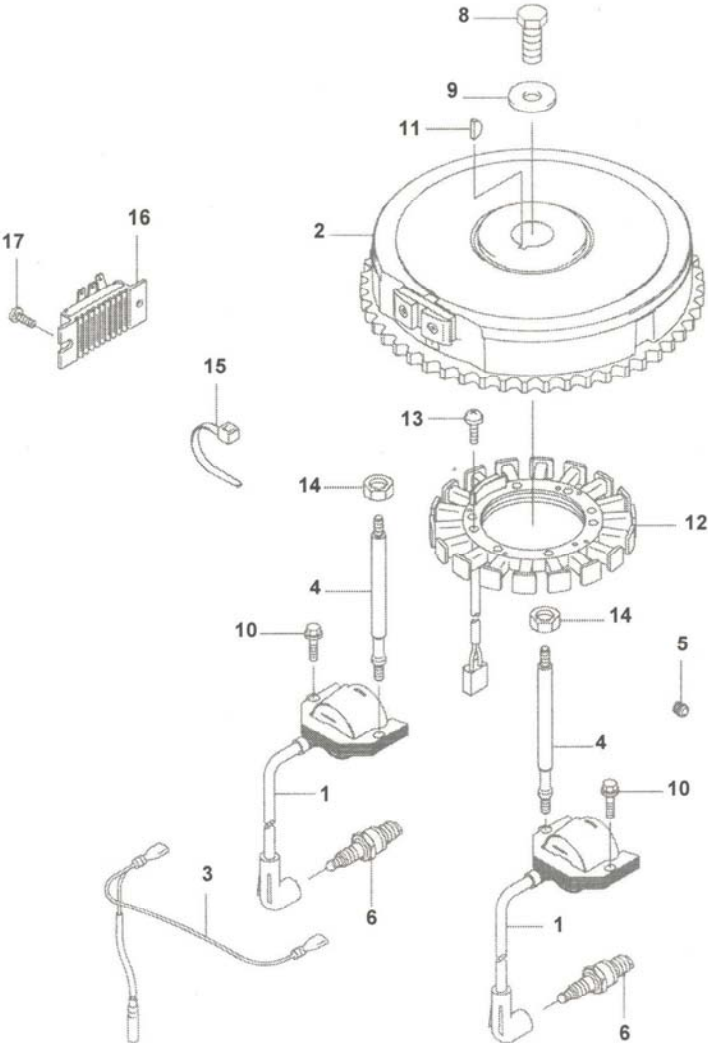
COOLING SYSTEM

FH451V-AS18



COOLING EQUIPMENT**FH451V-AS18**

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KM-13270-7007	Plate	1
2	KM-14037-70109H	Screen	1
3	KM-49089-7034	Engine Shroud	1
4	KM-49089-7002	Engine Shroud	1
5	KM-49089-7032	Engine Shroud	1
6	KM-59041-7001	Fan	1
7	KM-59066-7002	Fan Housing	1
8	KM-92004-2148	Stud	2
9	KM-92153-7007	Bolt	3
10	KM-92153-7008	Bolt	1
11	KM-55020-7004	Guard	1
12	KM-92210-0003	Nut	4
13	KM-130G0612	Flange Bolt	5
14	KM-92026-7007	Spacer	AR
15	KM-23062-7010	Bracket	1
16	KM-130B0616	Flange Bolt	2
17	KM-311B0600	Hex Nut	2
18	KM-130B0625	Flange Bolt	2
19	KM-130B0816	Flange Bolt	1

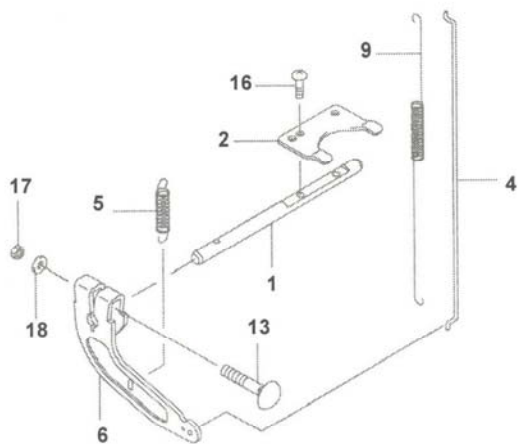
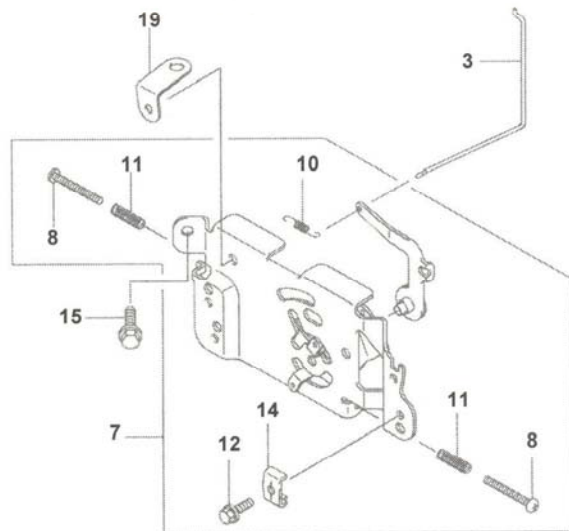


ELECTRIC EQUIPMENT**FH451V-AS18**

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KM-21171-7013	Ignition Coil	2
2	KM-21193-7007	Flywheel	1
3	KM-26030-7001	Harness	1
4	KM-92004-7009	Stud	2
5	KM-92066-7002	Plug	1
6	759-3331	Spark Plug	2
8	KM-92151-2097	Bolt 12 x 30	1
9	KM-92200-7002	Washer	1
10	KM-130B0620	Flange Bolt	2
11	KM-510A5100	Woodruff Key	1
12	KM-59031-7001	Stator	1
13	KM-224B0520	Pan Screw	4
14	KM-311B0600	Hex Nut	2
15	Obtain Locally	Tie Strap	2
16	KM-21066-7011	Voltage Regulator	1
17	KM-92009-2308	Screw	1

CONTROL EQUIPMENT

FH451V-AS18

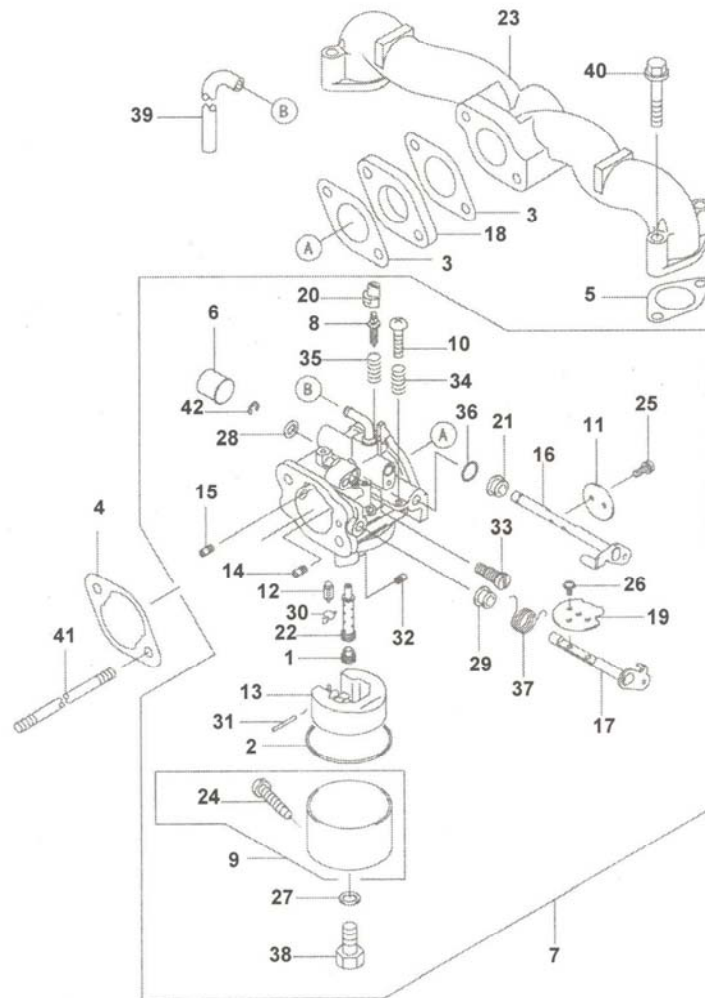


CONTROL EQUIPMENT**FH451V-AS18**

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KM-13107-7010	Shaft	1
2	KM-13271-7018	Plate	1
3	KM-16169-7010	Choke Link	1
4	KM-16171-7001	Link	1
5	KM-39129-7003	Governor Spring	1
6	KM-49103-7004	Governor Arm	1
7	KM-49113-7027	Control Panel	1
8	KM-92009-7007	Screw, 4 x 35	2
9	KM-92145-7003	Spring	1
10	KM-92145-7004	Spring	1
11	KM-92145-7005	Spring	2
12	KM-92150-2182	Bolt, 5 x 18	1
13	KM-92153-7005	Bolt, 6 x 35	1
14	KM-92170-7001	Clamp	1
15	KM-130G0612	Flange Bolt	2
16	KM-214B0408	Pan Screw	2
17	KM-311B0600	Hex Nut	1
18	KM-411B0600	Plain Washer	1
19	KM-11051-7008	Bracket	1

CARBURETOR

FH451V-AS18

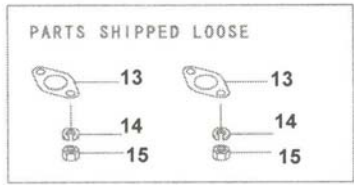
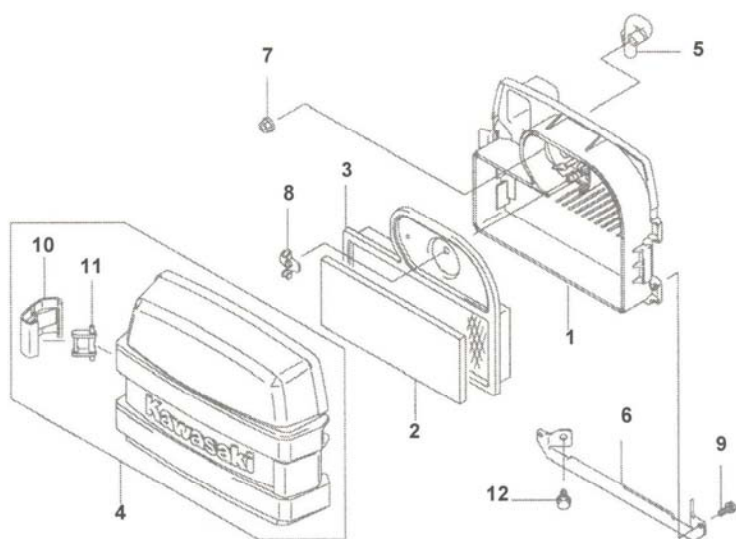


CARBURETOR**FH451V-AS18**

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KM-11003-2105	Needle Seat	1	22	KM-49121-2222	Main Nozzle, #113A	1
2	KM-11060-2406	Bowl Gasket	1	23	KM-59076-7001	Intake Manifold	1
3	KM-11061-7004	Insulator Gasket	2	24	KM-92009-2015	Screw	1
4	KM-11061-7018	Air Cleaner Gasket	2	25	KM-92009-2024	Screw	2
5	KM-11060-7005	Manifold Gasket	2	26	KM-92009-2081	Screw	2
6	KM-11065-2061	Cap	1	27	KM-92022-2231	Washer	1
7	KM-15003-7035	Carburetor Assy.	1	28	KM-92022-2239	Washer	1
8	KM-16014-2080	Pilot Air Screw	1	29	KM-92027-2025	Collar	1
9	KM-16020-2141	Float Bowl	1	30	KM-92033-2067	Snap Ring	1
10	KM-16021-2060	Throttle Stop Screw	1	31	KM-92043-2226	Pin	1
11	KM-16025-2193	Throttle Valve # 130	1	32	KM-92063-2358	Main Jet # 125	1
12	KM-16030-2067	Float Needle	1	33	KM-92064-2125	Pilot Jet, # 48.8	1
13	KM-16031-2066	Float	1	34	KM-92081-2009	Spring	1
14	KM-16035-2060	Air Jet, # 1.7	1	35	KM-92081-2256	Spring	1
15	KM-16035-2061	Air Jet, # 1.2	1	36	KM-92093-2002	Seal	1
16	KM-16041-7005	Throttle Shaft	1	37	KM-92145-2061	Spring	1
17	KM-16041-7006	Choke Shaft	1	38	KM-92151-2092	Bolt	1
18	KM-16073-7007	Insulator	1	39	KM-92191-7016	Tube	1
19	KM-16126-7006	Choke Valve	1	40	KM-130B0635	Flange Bolt	4
20	KM-39076-2053	Limiter	1	41	KM-172G0685	Stud Bolt	2
21	KM-43058-3716	Ring	1	42	KM-482L4000	E-Style Circlip	1

AIR FILTER

FH451V-AS18

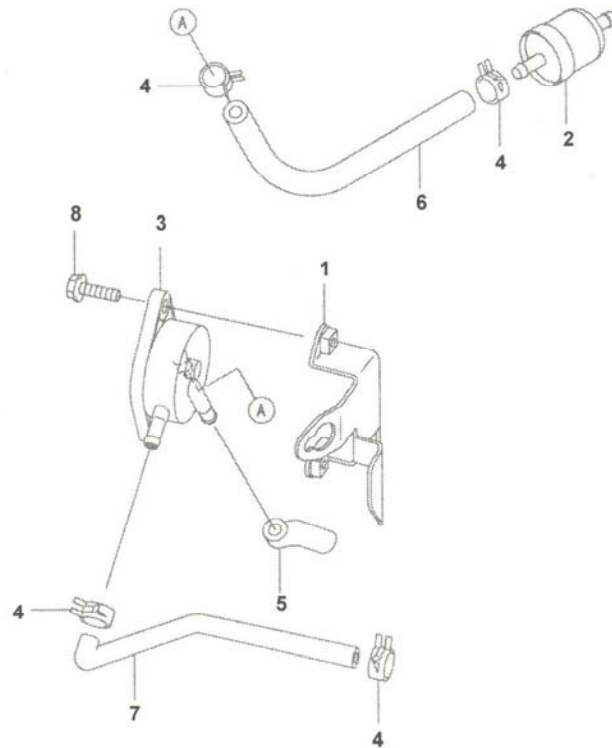


AIR FILTER**FH451V-AS18**

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KM-11038-7006	Air Filter Case	1
2	KM-11013-7001	Pre Filter	1
3	KM-11013-7002	Air Filter	1
4	KM-11038-7009	Air Filter Cover	1
5	KM-92191-7001	Tube	1
6	KM-11050-7006	Bracket	1
7	KM-92015-1193	Nut	2
8	KM-92210-7004	Nut	1
9	KM-232B0514	Pan Screw	2
10	KM-27012-7001	Air Filter Hook	2
11	KM-59071-7013	Joint	2
12	KM-130G0612	Flange Bolt	2
13	KM-11060-7021	Muffler Gasket	2
14	KM-461F0800	Lock Washer	4
15	KM-317R0800	Hex Nut	4

FUEL SYSTEM

FH451V-AS18

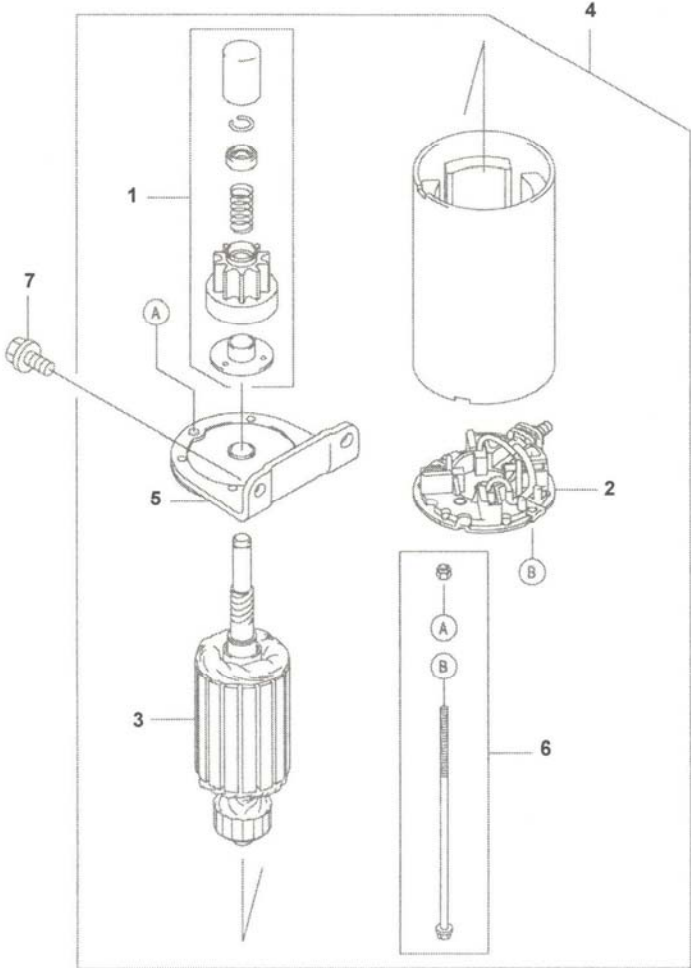


FUEL SYSTEM**FH451V-AS18**

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KM-23062-70049H	Bracket	1
2	KM-49019-7001	Fuel Filter	1
3	KM-49040-7001	Fuel Pump	1
4	KM-92170-2088	Clamp	4
5	KM-92191-7002	Tube	1
6	KM-92191-7003	Tube	1
7	KM-92191-7004	Tube	1
8	KM-130B0620	Flange Bolt	2

STARTER

FH451V-AS18

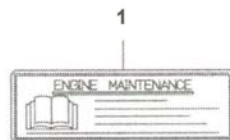


STARTER**FH451V-AS18**

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KM-13101-7003	Gear Assy.	1
2	KM-21039-7004	Brush	1
3	KM-21080-7001	Armature	1
4	KM-21163-7010	Starter	1
5	KM-39184-7004	Bracket Assy.	1
6	KM-92151-7013	Bolt	1
7	KM-130B0816	Flange Bolt	2

LABELS

FH451V-AS18



LABELS**FH451V-AS18**

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KM-56033-7001	Manual Label	1
2	KM-56070-7001	Warning Label	1
3	KM-56080-7010	Brand Label	1

NOT SHOWN ON PREVIOUS PAGE

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
	N/A	Short Block	
	01008415	Complete	

Cub Cadet 

Cub Cadet LLC
P.O. Box 361131
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