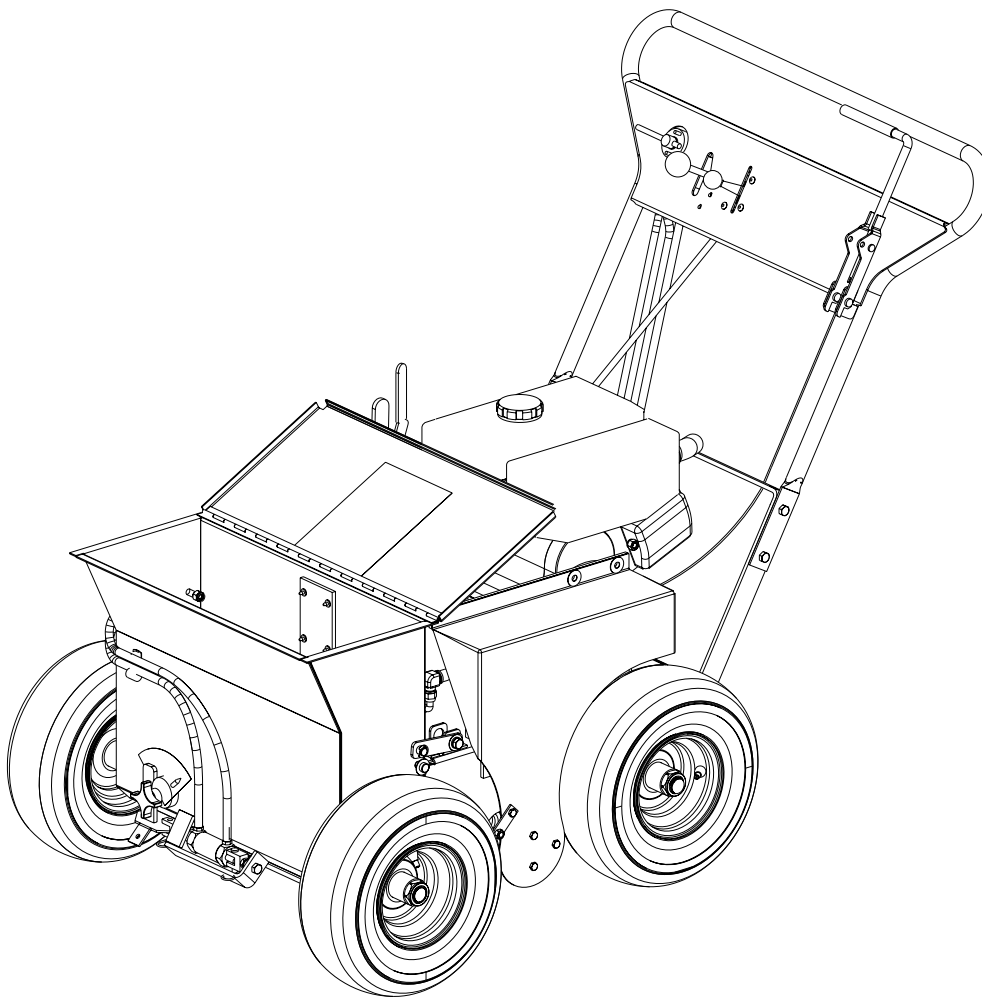




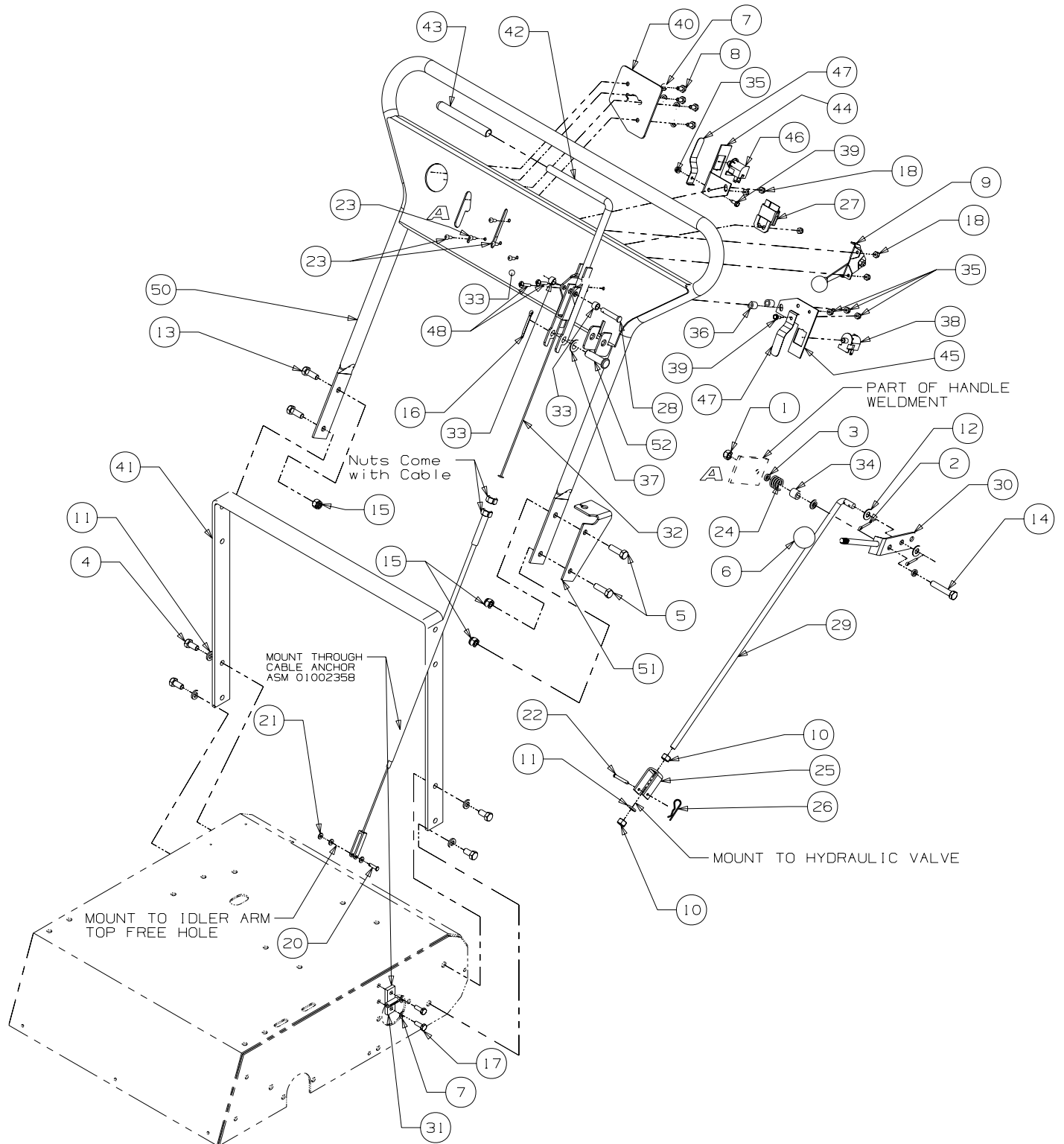
Hydraulic Renovator w/ Kawasaki, 8HP Engine

Professional Turf Equipment



ILLUSTRATED PARTS LIST

Handle Assembly - Fig. 1

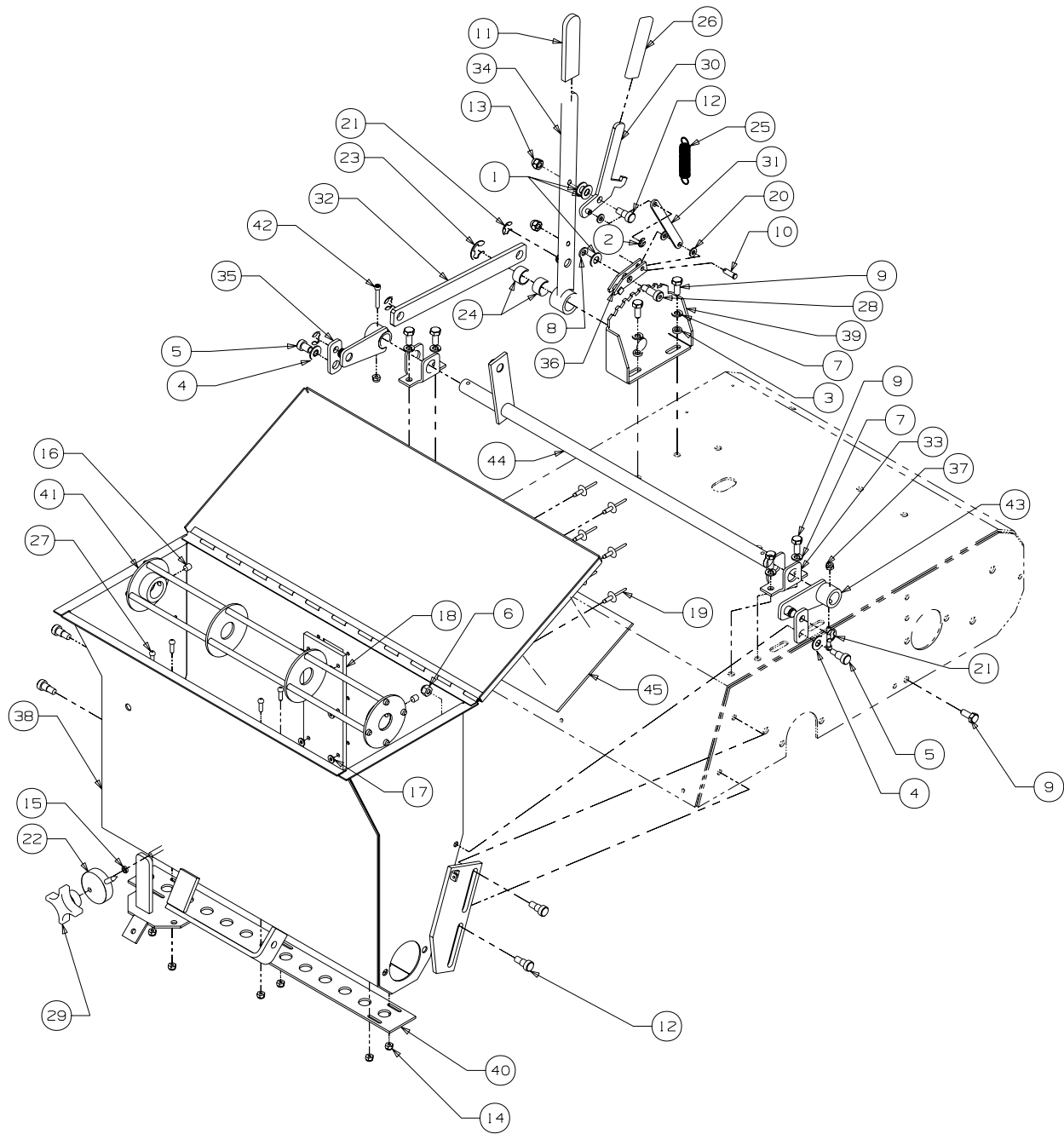


GD: 02004211-03/27/08

Handle Assembly - Parts List For Fig. 1

Ref. No.	Part No.	Description	Qty.
1	00006131	Hex Nut, 3/8-16	1
2	714-0474	Cotter Pin, 1/8 x 3/4	2
3	00011075	Flat Washer, 5/16	3
4	00011437	Hex Cap Screw, 3/8-16 x 3/4	4
5	00011444	Hex Cap Screw, 3/8-16 x 1 1/4	2
6	00012118	Knob, 1-3/8 x 1-19/64, 3/8-24	1
7	00012132	Lock Washer, 1/4	6
8	00012133	Hex Cap Screw, 1/4-20 x 1/2	4
9	00012149	Engine Throttle Cable	1
10	00012156	Hex Nut, 3/8-24	2
11	736-0169	Lock Washer, 3/8	5
12	00012158	Flat Washer, 3/8	2
13	00012171	Hex Cap Screw, 3/8-16 x 1	2
14	00012172	Hex Cap Screw, 3/8-16 x 2	1
15	00012173	Lock Nut, Nylon Insert, 3/8-16	4
16	00012380	Cotter Pin, 5/32 x 1-1/2	1
17	710-3015	Hex Cap Screw, 1/4-20, .75	2
18	00014608	Lock Nut, Nylon Insert, #10-32	5
19	00014624	Splice Clip (not shown)	1
20	00014630	Clevis Pin, 3/16 x 3/4	1
21	00016771	Flat Washer, 3/16	3
22	00017568	Clevis Pin, 3/16 x 1-1/4	1
23	00017778	Round Head Mach. Screw, 10-32 x 1/2	5
24	00021797	Spring, .850 OD x 1	1
25	00021837	Clevis, Shift	1
26	00021956	3/8"-1/2" Hair Pin	3
27	00030585	Module Volt Sensor	1
28	00032153	Clevis Pin, 5/16 x 1-5/8	1
29	00033601	Shift Lever Rod	1
30	00033746	Direction Control Lever	1
31	00035104	Cable Anchor Assembly	1
32	00036730	Control Cable Adjustment Blade	1
33	00062715	Turnbuckle Sleeve	2
34	00076730	Sleeve Spring, 32/36/48	1
35	712-0161	Nylon Lock Nut, #10-24	4
36	01000799	Spacer, .265 x .500 x .562	2
37	01000873	Flat Washer, .536 ID x .930 OD x .05	1
38	01001717	Snap Mounting Switch, NC	1
39	01001864	Hex Index Washer Screw, #10-24	2
40	01005907	Mounting Plate Valve	1
41	00030011	Lower Handle	1
42	01005453	Slicer Control Lever	1
43	01005459	Sleeve, 1/2" ID x 5.00" Long	1
44	01008063	Safety Switch Bracket	1
45	01008064	Slicer Safety Switch Bracket	1
46	01008028	Snap Mounting Switch, NO	1
47	01008042	Retainer Spring	2
48	01008046	Pan Head Machine Screw, 10-24 x 3/4	2
49	01008057	Wire Harness (not shown)	1
50	01008066	Handle Assembly	1
51	01008098	Lower Handle Slicer Bracket	1
52	711-04997	Clevis Pin, .500 DIA. x 1.75 LG.	1

Hopper Lift Assembly - Fig. 2

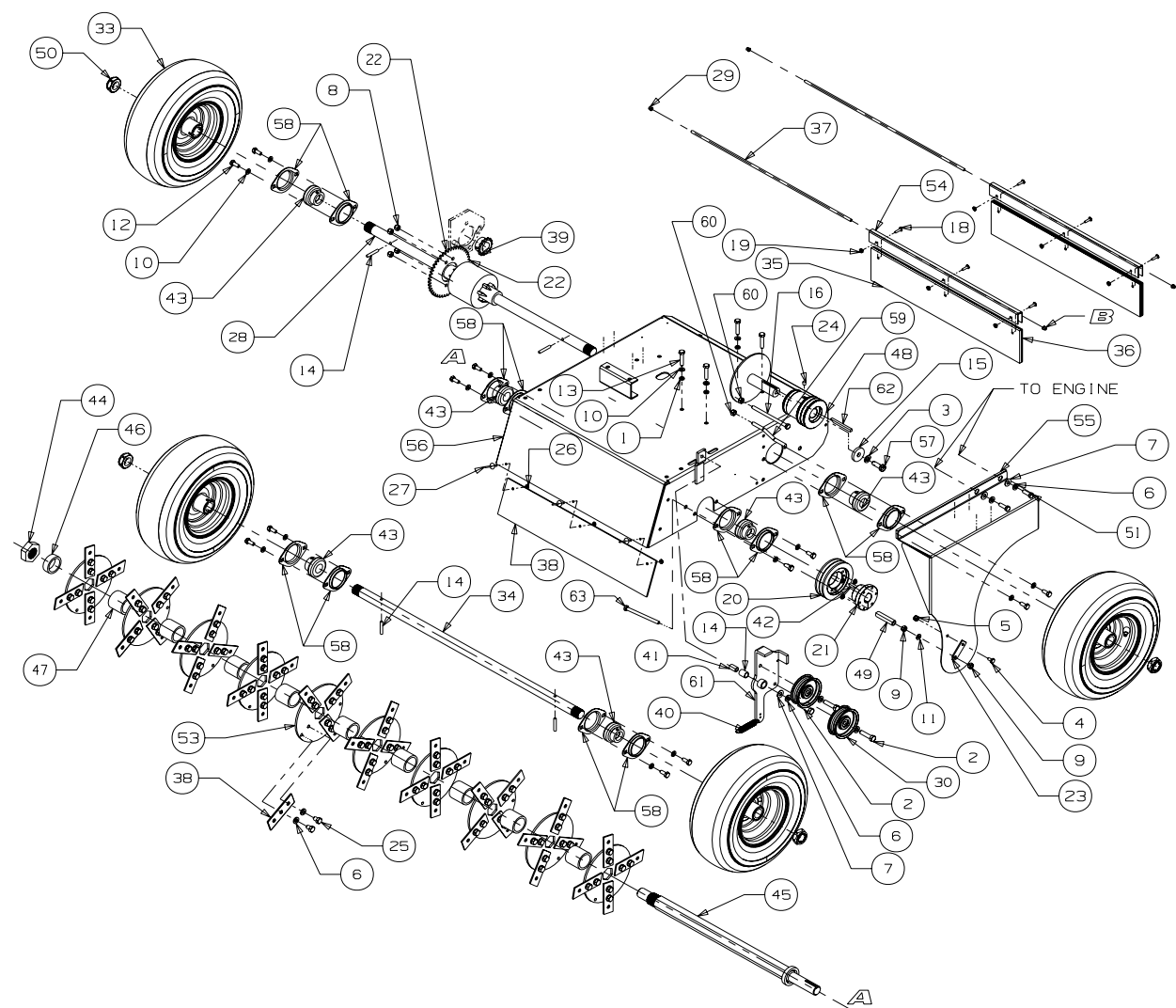


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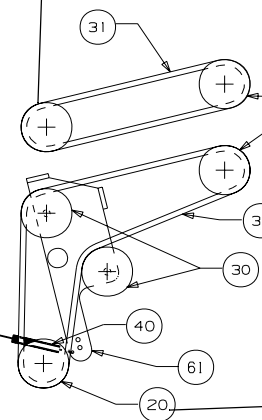
Hopper Lift Assembly - Parts List For Fig. 2

Ref. No.	Part No.	Description	Qty.
1	00005530	Flat Washer, Nylon, 3/8	3
2	00010171	Retainer Clip, "C"	1
3	00011075	Flat Washer, 5/16	2
4	00012158	Flat Washer, 3/8	2
5	00012160	Socket Shoulder Bolt, 3/8 x 12	2
6	712-0429	Nylock Nut, 5/16-18	2
7	736-0119	Lock Washer, 5/16	6
8	00012169	Flat washer, 5/16	1
9	00012179	Hex Cap Screw, 5/16-18 x 3/4	8
10	00012609	Clevis Pin, 1/4 x 3/4	1
11	00013595	Grip, .250 x 1.0 x 4	1
12	00013733	Shoulder Bolt, 3/8 x 3/8	5
13	00014561	Acorn Nut, 5/16-18	2
14	00014608	Lock Nut, Nylon Insert, #10-32	6
15	00016044	Flat Washer, 1/4	1
16	00016358	Cap Screw, 5/16-18 x 5/16	2
17	00016771	Flat Washer, 3/16	6
18	00017597	Clear Plate	1
19	00017732	POP Rivet, 3/16	6
20	00018628	Nylon Washer, 1/4	3
21	00019795	E-Ring, 1/2"	4
22	00021826	Hopper Dial Assembly	1
23	00021961	E-Ring, Retainer	1
24	00021990	Sintered Bearing	2
25	00030020	Spring Reel Enlargement	1
26	00030899	Grip, 3.5"	1
27	00030906	Machine Screw, 10-32 x 5/8	6
28	00031885	Shoulder Bolt, 3/8 x 5/8	1
29	00060043	Knob Control Rate	1
30	00082159	Hopper Lift, Pivot Assembly	1
31	00082292	Hopper Lift, Link, Short	1
32	00082300	Hopper Lift, Link, Long	1
33	00082743	Hopper Assembly, Lift Support	2
34	00083477	Hopper Lift, Handle Assembly Bearing	1
35	00083661	Hopper Lift, Link	2
36	00084102	Hopper Lift, Latch Assembly	1
37	712-0161	Nylon Lock Nut, #10-24	2
38	01002302	Hopper Assembly Cover	1
39	01002352	Hopper Lift, Bracket Assembly	1
40	01002365	Metering Bar Assembly	1
41	01002367	Agitator Assembly	1
42	01003133	Socket Screw, #10-24 x 1.25	2
43	01007917	Hopper Lift, Arm Assembly	2
44	01007925	Hopper Lift Assembly	1
45	00031742	Step, 6" Roll Safety Adhesive	1

Deck Assembly Kawasaki - Fig. 3



This part is from page 8 and 9 Ref. No. 21
Sheave Pulley connected to Hydraulic Pump.



This is a double pulley
attached to the engine.

This pulley attaches to ref. no. 45
Disc shaft assembly

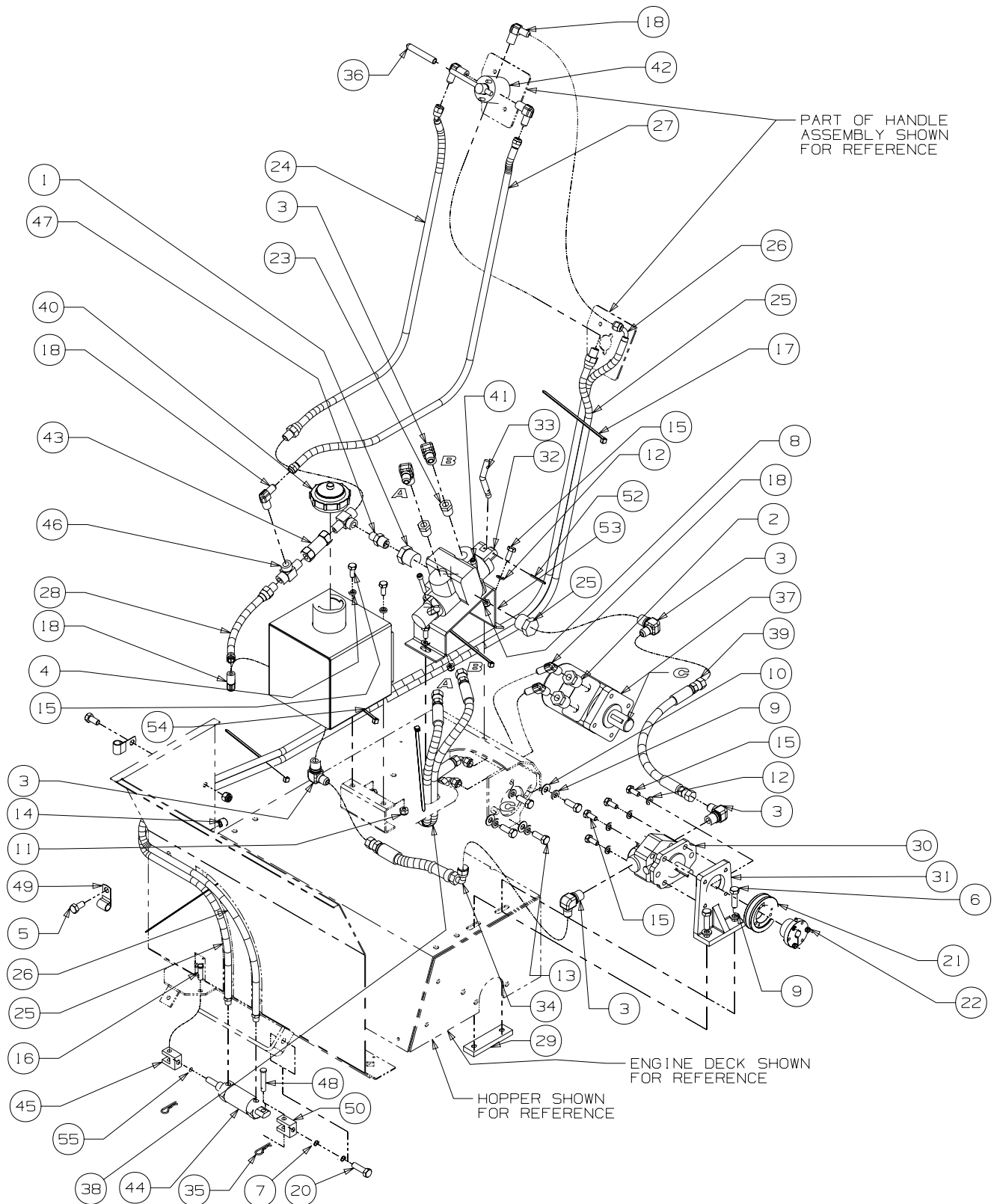
Description	Part Number
Engine	701002
Filter	074371
Foam Wrap	074372
Fuel Filter	074373
Muffler	702951
Gasket Muffler	074376
Sparkplug	050645

GD: 02004205-04/08/08

Deck Assembly Kawasaki - Parts List For Fig. 3

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00011075	Flat Washer, 5/16	4	33	00021813	Wheel Assy, 13-5 x 6	4
2	00011438	Hex Cap Screw, 3/8-16 x 1-1/2	3	34	00021818	Shaft Agitator	1
3	00012062	Lock Washer, M10	1	35	00021819	Brush	2
4	00012133	Hex Cap Screw, 1/4-20 x 1/2	1	36	00021822	Brush Guard	3
5	00012152	Lock Nut, Nylon Insert, 1/4-20	1	37	00021824	Brush Mounting Shaft	2
6	736-0169	Lock Washer, 3/8	85	38	00030001	Heavy Duty Blade	40
7	00012158	Flat Washer, 3/8	4	39	00030014	Sprocket Drive Motor	1
8	712-0429	Nylock Nut, 5/16-18	4	40	00030020	Reel Enlargement Spring	1
9	00012166	Hex Nut, 5/16-18	2	41	00030342	Bellecrank Pivot Tube	1
10	736-0119	Lock Washer, 5/16	15	42	00033670	Key, 1/4 x 1/4 x 1-1/4	1
11	00012169	Flat Washer, 5/16	1	43	00034995	Flanged Ball Bearing	6
12	00012179	Hex Cap Screw, 5/16-18 x 3/4	12	44	00035603	Hex Lock Nut, 1-1/4-12	1
13	00012382	Hex Cap Screw, 5/16-18 x 1-1/2	4	45	00063635	Disc Shaft Assembly	1
14	00013397	Groove Pin, 1/4 x 1-1/2	4	46	00064498	Disc Blade Spacer Assembly	1
15	00013675	Clutch Washer	1	47	00064591	Blade Disc Spacer	9
16	00014394	Hex Cap Screw, M8-1.25, 120.0	1	48	01000165	Double Pulley, 2.65 Dia. 3.15 Dia.	1
17	00014601	Chain, Master Link 21-1/2	1	49	01000395	Spacer, Stop Deck	1
18	00014602	Round Head Machine Screw, 10-32 x 3/4	6	50	01000678	Jam Nut Insertion Lock, 1.0 -14	4
19	00014651	Nut, Keeper, #10-32	6	51	01000720	Hex Cap Screw, M8-1.25 x 25mm	2
20	00014655	Sheave Pulley	1	52	01001002	8HP Kawasaki Engine (not shown)	1
21	00014673	Sheave Bushing	1	53	02004309	Disc Blade	10
22	00016338	Sprocket	1	54	01002328	Brush Clip Assembly	2
23	00016344	Belt Guard Bracket	1	55	01002369	Belt Guard Assembly	1
24	00016358	Cap Screw, 5/16-18 x 5/16	1	56	01002373	Power Deck Assembly	1
25	00016362	Hex Cap Screw, 3/8-24 x 1/2	80	57	01002885	Hex Cap Screw, M10x1.5, 30mm, GR10.9	1
26	00016771	Flat Washer, 3/16	3	58	01003213	Flange Bearing Cover	12
27	00017732	POP, Rivet, 3/16	3	59	01004981	Belt Guide Rod, M8-1.25	1
28	00021795	Differential	1	60	01004982	Hex Nut Center Lock, M8	2
29	00021804	Push-On Cap, 1/4	4	61	00030341	Blade Clutch with Bearings, Bellecrank Assembly	1
30	00021810	Pulley	2	62	01007533	Key, 1/4 x 1/4 x 2-3/4	1
31	00021811	Power Wedge COG 26.1" OD, Pump Belt	1	63	02002974	Tap Bolt, 5/16-18 x 4.00	1
32	00021812	2 Rib Blade Belt	1				

Hydraulic Assembly - Fig. 4

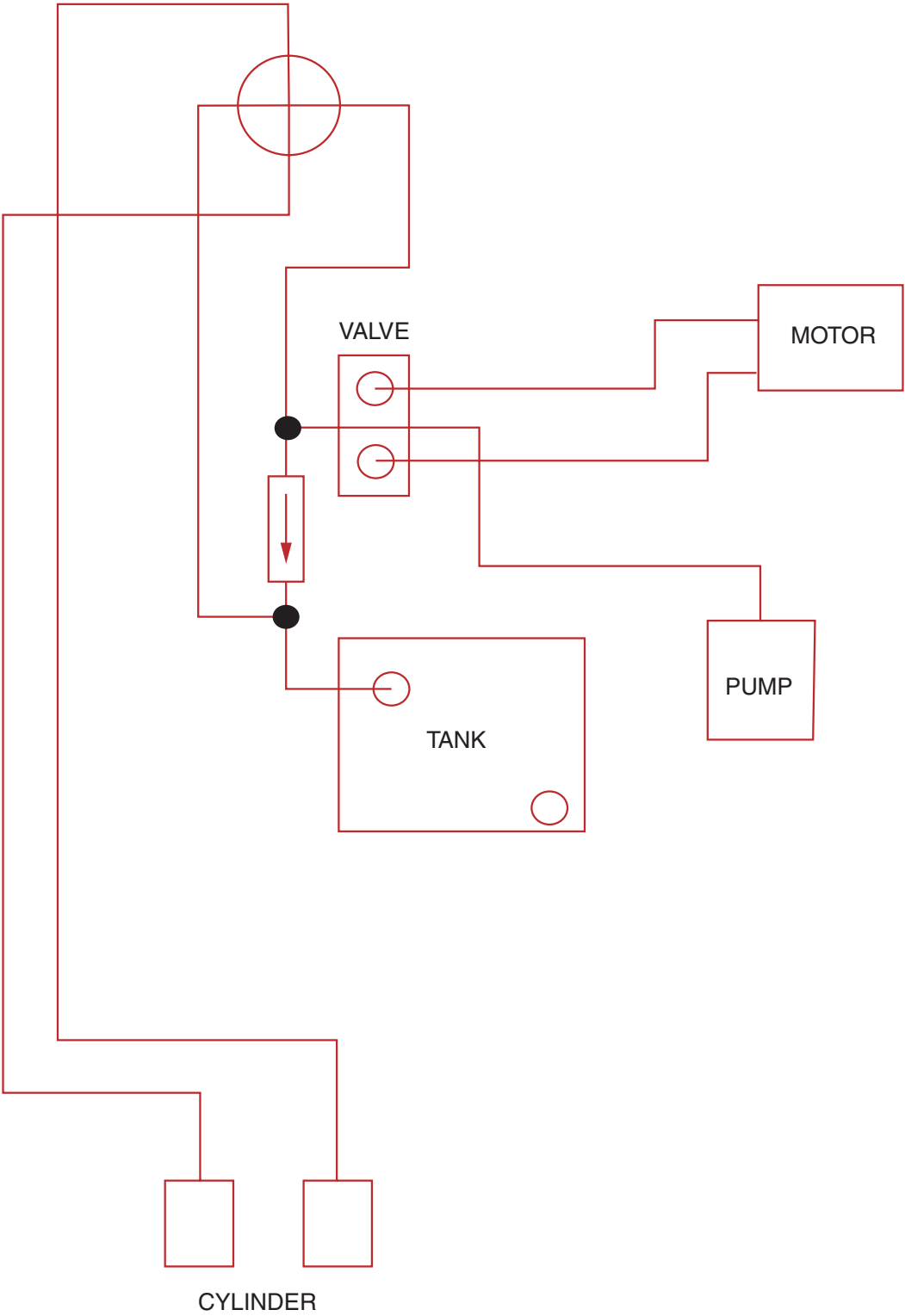


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Hydraulic Assembly - Parts List For Fig. 4

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	00007615	Reducer Fitting, 3/4 x 3/8	2	29	00021788	Nut Bar, Pump	1
2	00009164	Reducer Fitting, 1/2 x 1/4	2	30	00021796	Pump	1
3	00009758	Elbow Fitting	6	31	00021798	Pump Mount	1
4	00011075	Flat Washer, 5/16	2	32	00021814	Valve	1
5	00011437	Hex Cap Screw, 3/8-16 x 3/4	2	33	00021835	Handle Valve	1
6	00011444	Hex Cap Screw, 3/8-16 x 1-1/4	2	34	00021836	Hydraulic Tank Blower Hose	1
7	00011453	Jam Hex Nut, 3/8-24	2	35	00021956	3/8"-1/2" Hair Pin	2
8	00012152	Lock Nut, Nylon Insert, 1/4-20	3	36	00024084	Grip	1
9	736-0169	Lock Washer, 3/8	6	37	00030015	Hydraulic Motor	1
10	00012158	Flat Washer, 3/8	3	38	00030017	Hydraulic Motor Hose	2
11	712-0429	Nylock Nut, 5/16-18	2	39	00030018	Pressure Hose	1
12	736-0119	Lock Washer, 5/16	6	40	00030261	Hydraulic Oil Tank Cap	1
13	00012171	Hex Cap Screw, 3/8-16 x 1	4	41	00031672	Capscrew, 1/4-20 x 1-1/2	3
14	00012173	Lock Nut, Nylon Insert 3/8-16	2	42	00032035	Brand Select Valve	1
15	00012179	Hex Cap Screw, 5/16-18 x 3/4	8	43	00032036	Pressure Relief Valve	1
16	00012191	Clevis Pin, 5/16 x 1	1	44	00032060	Cylinder, 1-1/8 Bore	1
17	00012470	Cable Tie, 3/16 x .05 x 7.4	7	45	00032061	Clevis Cylinder	1
18	00012474	Hydraulic Fitting	7	46	00032087	Aeroquip, Fitting	2
19	00012529	Reel Return Line Sleeve, 1.25	5	47	00032119	Aeroquip, Fitting	1
20	00013575	Hex Cap Screw, 3/8-24 x 1-1/4	1	48	00032153	Clevis Pin, 5/16 x 1-5/8	1
21	00014694	Sheave Pulley	1	49	00061502	Support Clamp, 3/4	2
22	00014717	Sheave Bushing Pulley Hub	1	50	00082435	Mounting Cylinder, Yoke	1
23	00015971	Reducer Fitting, 3/8 x 1/4	2	51	01000189	Teflon Tape, 1/2" Wide	120
24	00021721	Valve To Valve Hose	1	52	01001308	Spring Pin, 1/8 x 1-3/8	1
25	00021722	Open Cylinder Hose	1	53	01002334	Valve Mounting Bracket	1
26	00021723	Closed Cylinder Hose	1	54	01002362	Hydraulic Tank Assembly	1
27	00021724	Hose to Return Valve	1	55	712-3007	Jam Lock Nut, 5/16-18	1
28	00021725	Return Hose	1				

Hydraulic Flow Diagram



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