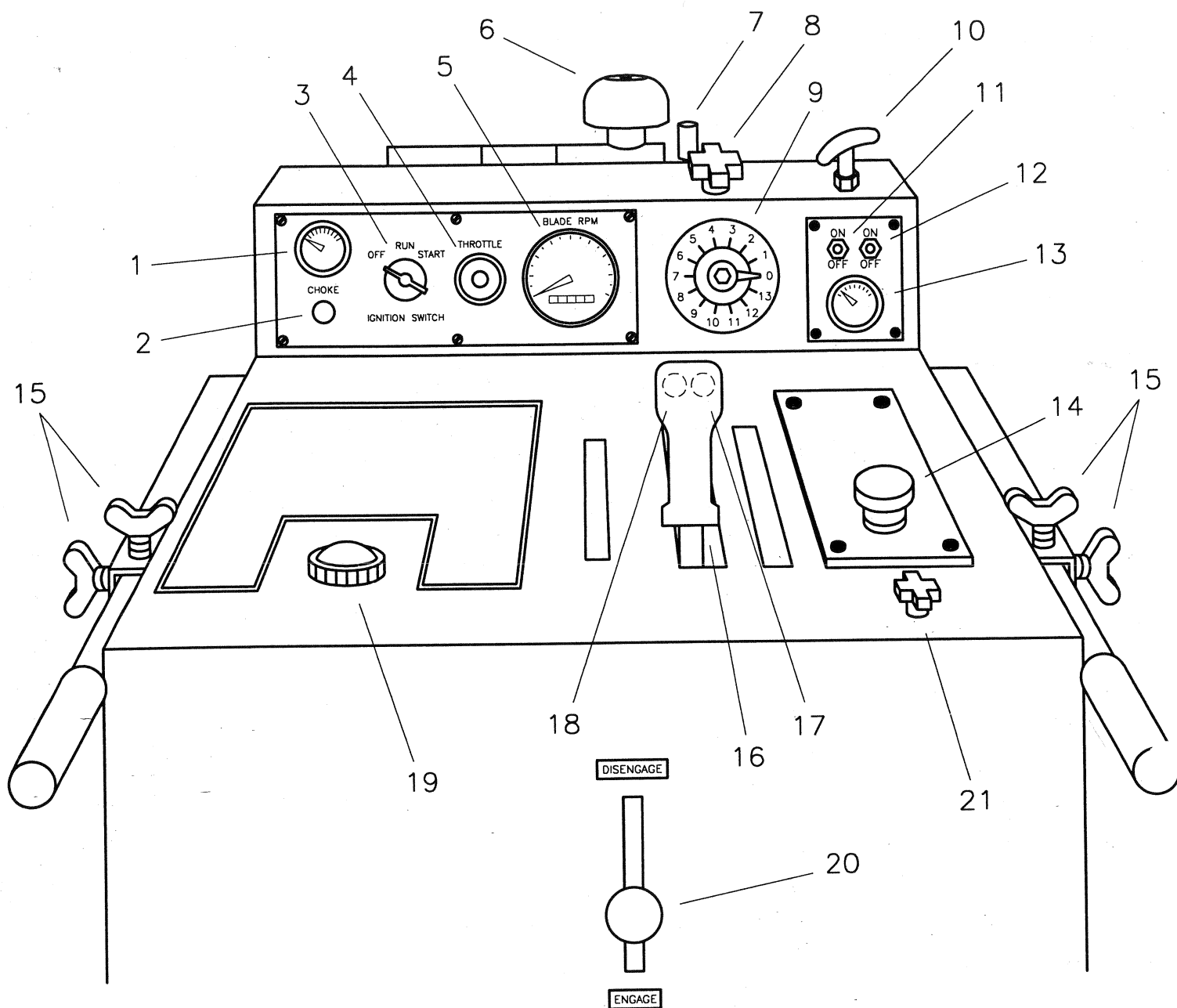


DIAMOND
PRODUCTS

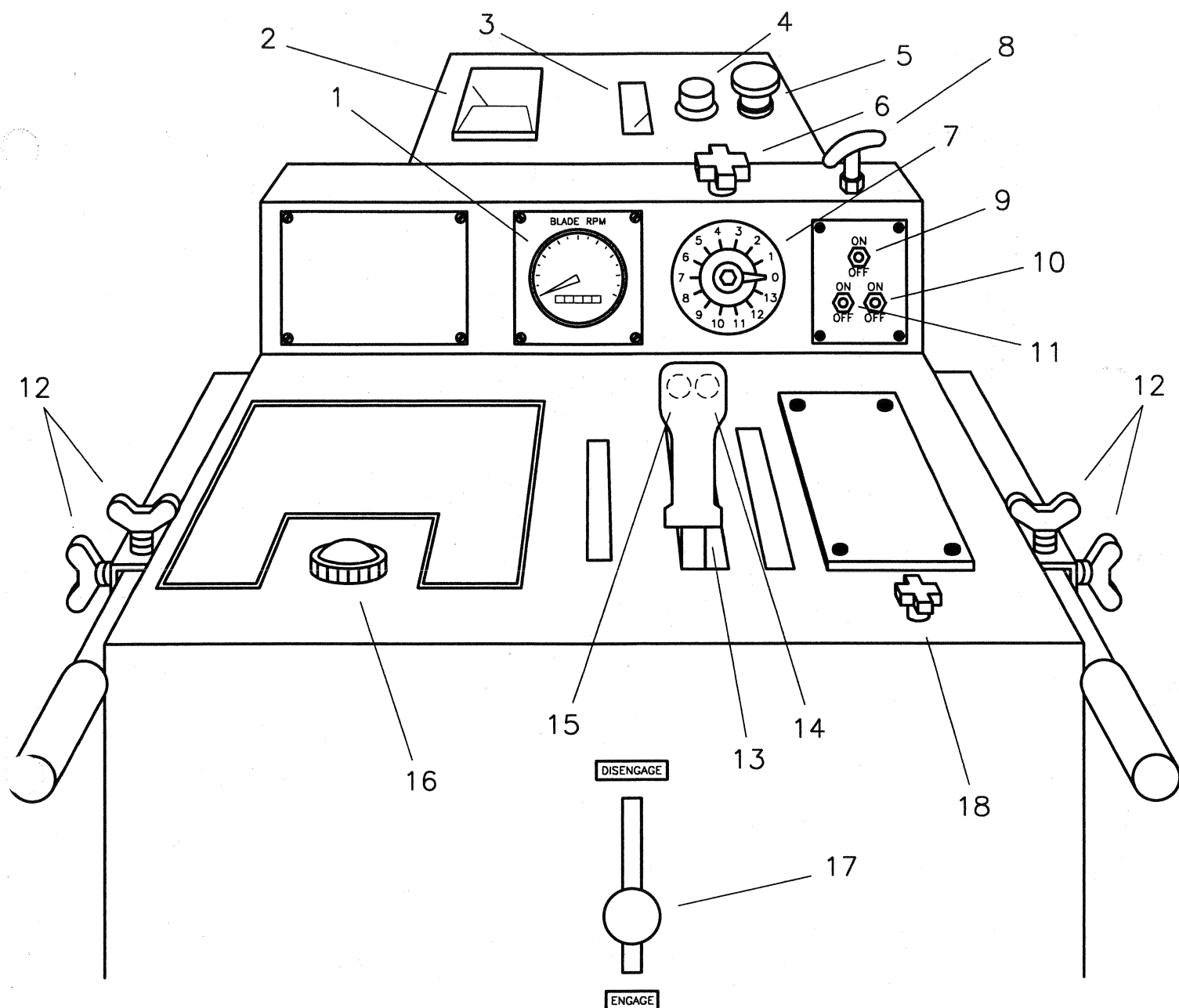
CONCRETE SAW
PARTS LIST

MODEL
CC6000D



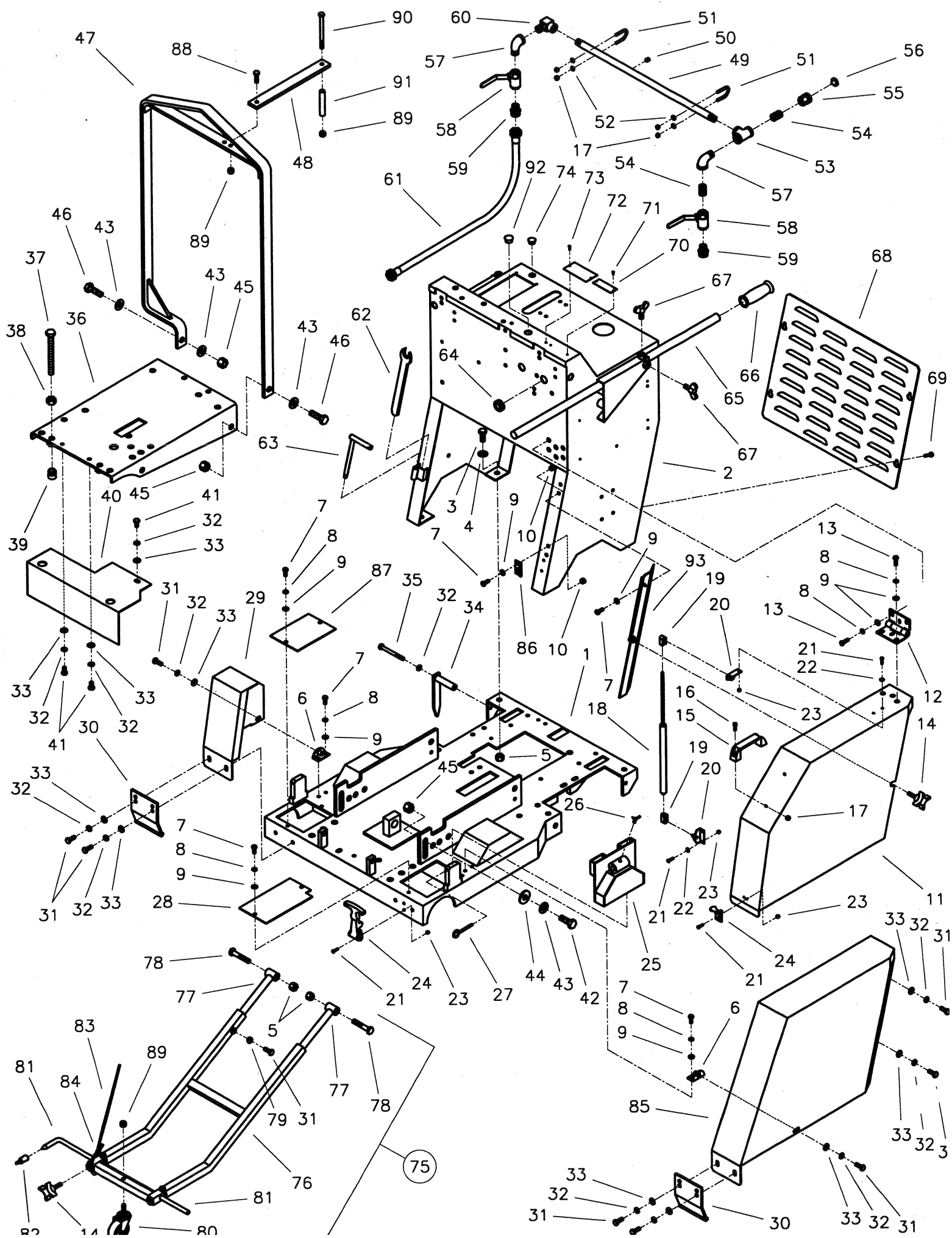
CC6065D and CC6065DM Gas Saw Controls Legend

- | | | | |
|----|-----------------------------------|----|--|
| 1 | Volt Meter | 11 | Water Pump Switch (Optional) |
| 2 | Choke Control | 12 | Spotlight Switch (Optional) |
| 3 | Ignition Switch | 13 | Oil Pressure Gauge |
| 4 | Vernier Throttle Control | 14 | Emergency Stop Button |
| 5 | Blade Tachometer / Hour Meter | 15 | Handle Lock Knobs |
| 6 | Pre-Cleaner | 16 | Speed Control Lever |
| 7 | Air Cleaner Restriction Indicator | 17 | Lower Pushbutton |
| 8 | Depth Stop Knob | 18 | Raise Pushbutton |
| 9 | Cutting Depth Indicator | 19 | Fuel Tank Cap |
| 10 | Transmission Neutral Control | 20 | Positraction Control |
| | | 21 | Lowering Speed Metering Valve (Optional) |



CC6040EDM Electric Saw Controls Legend

- | | | | |
|---|--------------------------------|----|--|
| 1 | Blade Tachometer / Hour Meter | 10 | Spotlight Switch (Optional) |
| 2 | Amp Meter | 11 | Water Pump Switch (Optional) |
| 3 | Battery Charge Meter | 12 | Handle Lock Knobs |
| 4 | Motor Start Button | 13 | Speed Control Lever |
| 5 | Motor Stop Button | 14 | Lower Pushbutton |
| 6 | Depth Stop Knob | 15 | Raise Pushbutton |
| 7 | Cutting Depth Indicator | 16 | Fuel Tank Cap |
| 8 | Transmission Neutral Control | 17 | Positraction Control |
| 9 | Water Safety Switch (Optional) | 18 | Lowering Speed Metering Valve (Optional) |

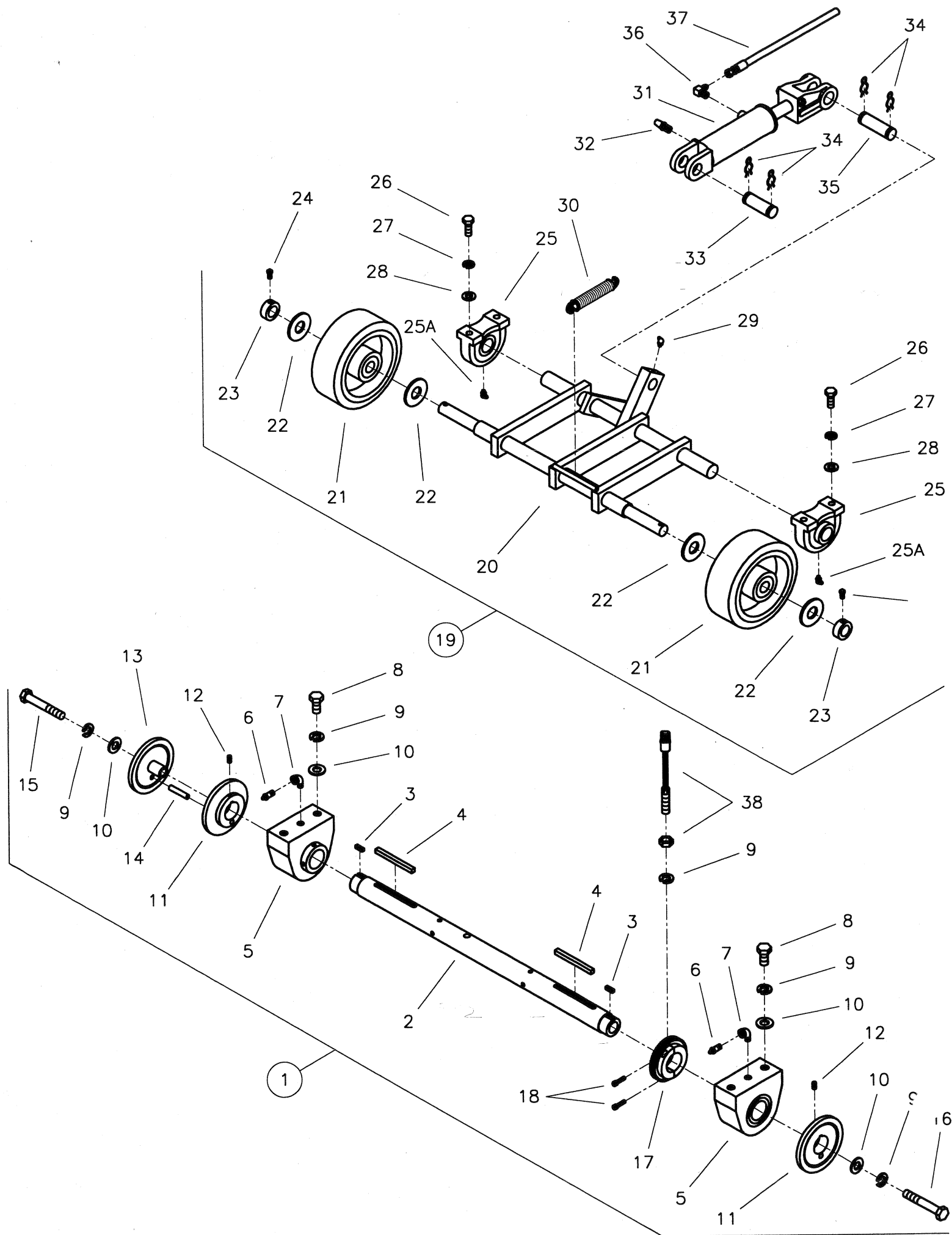


CC6000D Parts List

Drawing I

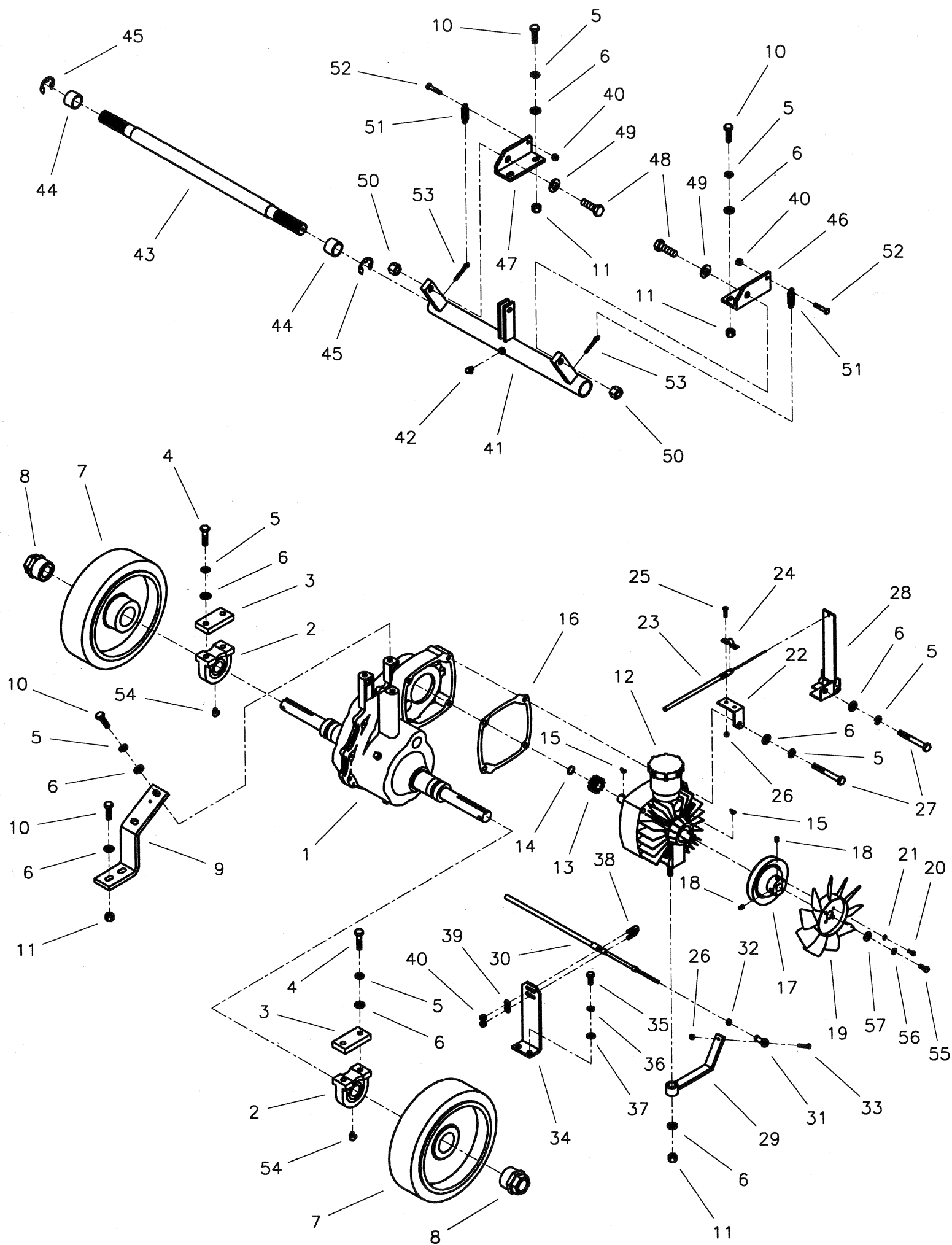
Frame Group

Diagram Number	Part No.	Qty. Req.	Description	Diagram Number	Part No.	Qty. Req.	Description
1	6014000	1	Frame Base	46	2900136	2	Capscrew, Hex Hd., 5/8"-11 x 2"
2	6011109	1	Frame Upright	47	6014017	1	Frame Lift
3	2900025	4	Capscrew, Hex Hd., 1/2"-13 x 1-1/4"	48	6010013	1	Frame Lift Brace
4	2900058	4	Flat Washer, 1/2" SAE	49	6011169	1	Water Supply Tube
5	2900026	6	Lock Nut, 1/2"-13 Nylon	50	3200001	1	Plug, 1/8" NPT
6	6011110	1	Guard Mounting Tab 90° (2 Reg'd for CC6000DM)	51	2900241	2	U-Bolt, 1/2" Pipe
7	2900019	8	Capscrew, Hex Hd., 5/16"-18 x 3/4"	52	2900009	4	Flat Washer, 1/4" SAE
8	2900031	12	Lock Washer, 5/16" Split	53	3200045	1	Pipe Tee, 1/2" NPT
9	2900022	14	Flat Washer, 5/16" SAE	54	3200008	2	Close Nipple, 1/2" NPT
10	2900039	4	Lock Nut, 5/16"-18 Nylon	55	3200022	1	Fitting, 1/2" Female Pipe to 3/4" Female Garden Hose
11	6014003	1	Belt Guard (CC6000DM)	56	3200025	1	Filter Hose Washer
12	2500993	1	Hinge	57	3200013	2	Street Elbow, 1/2" NPT Iron
13	2900138	6	Capscrew, Hex Hd., 5/16"-18 x 1"	58	3200027	2	Water Valve
14	2900234	3	Knob, 3/8"-16	59	3200155	2	Fitting, 1/2" Male Pipe to 3/4" Male Garden Hose
15	2400145	1	Handle	60	3200173	1	Street Elbow, 1/2" NPT Steel
16	2900247	2	Capscrew, Soc. Hd., 1/4"-20 x 3/4"	61	6011055	1	Hose Assembly, 30" Long
17	2900010	6	Lock Nut, 1/4"-20 Nylon	62	2500211	1	Wrench, 15/16"
18	2501142	1	Gas Spring	63	2900154	1	Blade Shaft Lock-Pin
19	2501143	2	End Fitting, Ball Socket	64	2500203	1	Grommet
20	2501144	2	Mount Bracket	65	6010014	2	Handle Bar
21	2900015	8	Machine Screw, Hex Hd., #10-24 x 3/4"	66	2500636	2	Handle Grip
22	2900016	4	Flat Washer, #10 USS	67	2900430	4	Hand Lock Knob, 1/2"-13
23	2900017	8	Lock Nut, #10-24 Nylon	68	6011122	1	Rear Cover Screen
24	2501141	1	Latch, Flexible Draw	69	2900180	4	Machine Screw, Hex Washer Hd., 1/4"-20 x 1"
25	6011046	1	Shaft/Flange Guard, Narrow	70	1800169	1	Serial Number Plate, US
	6011187	1	Shaft/Flange Guard, Wide	71	2900096	2	Rivet, 3/32" Dia.
26	2900307	1	Wing Screw, M6 x 16mm	72	1800377	1	Serial Number Plate, CE
27	2900156	1	Lock Pin	73	2900287	2	Rivet, 1/8" Dia.
28	6014007	1	Sheave Cover Plate (CC6000DM)	74	2500463	1	Plug, 3/4" Hole
29	6014006	1	Sheave Guard (CC6000DM)	75	6011150	1	Front Pointer Assembly
	6014014	1	Sheave Guard (CC6000EDM)	76	6011151	1	Front Pointer Frame
30	6014009	2	Skid Plate (1 Reg'd for CC6000DM)	77	6011152	2	Front Pointer Arm
31	2900005	9	Capscrew, Hex Hd., 3/8"-16 x 1"	78	2900105	2	Capscrew, Hex Hd., 1/2"-13 x 2-3/4"
32	2900006	9	Lock Washer, 3/8" Split	79	2900033	2	Hex Nut, 3/8"-16
33	2900014	7	Flat Washer, 3/8" SAE	80	2501199	1	Caster, Threaded Stem
34	6010514	2	Rear Pointer	81	6010009	1	Front Pointer Rod
35	2900057	2	Capscrew, Hex Hd., 3/8"-16 x 3-3/4"	82	2500740	1	Pointer Cap
36	6014001	1	Engine Base (CC6000D)	83	6010010	1	Pointer Cord
	6014002	1	Engine Base (CC6000DM)	84	3200221	3	Cord Clamp
37	2900104	2	Tap Bolt, Hex Hd., 5/8"-11 x 6"	85	6014004	1	Belt Guard (CC6000D)
38	2900112	2	Hex Nut, 5/8"-11	86	6014019	2	Guard Mounting Tab 60° (CC6000D)
39	2900446	2	Swivel Pad Nut, 5/8"-11	87	6014008	1	Sheave Cover Plate (CC6000D)
40	6014005	1	Jackshaft Guard (CC6000DM)	88	2900013	1	Capscrew, Hex Hd., 3/8"-16 x 1-1/4"
41	2900196	3	Capscrew, Hex Hd., 3/8"-16 x 3/4"	89	2900018	3	Lock Nut, 3/8"-16 Nylon
42	2900147	2	Capscrew, Hex Hd., 5/8"-11 x 1-3/4"	90	2900443	1	Capscrew, Hex Hd., 3/8"-16 x 5"
43	2900002	6	Flat Washer, 5/8" SAE	91	6030082	1	Spacer, 3-1/2" Long
44	2900128	2	Flat Washer, 5/8" USS	92	2500549	1	Plug, 7/8" Hole
45	2900135	4	Lock Nut, 5/8"-11 Nylon	93	6014013	1	Belt Guard Offset Bracket (CC6000DM)



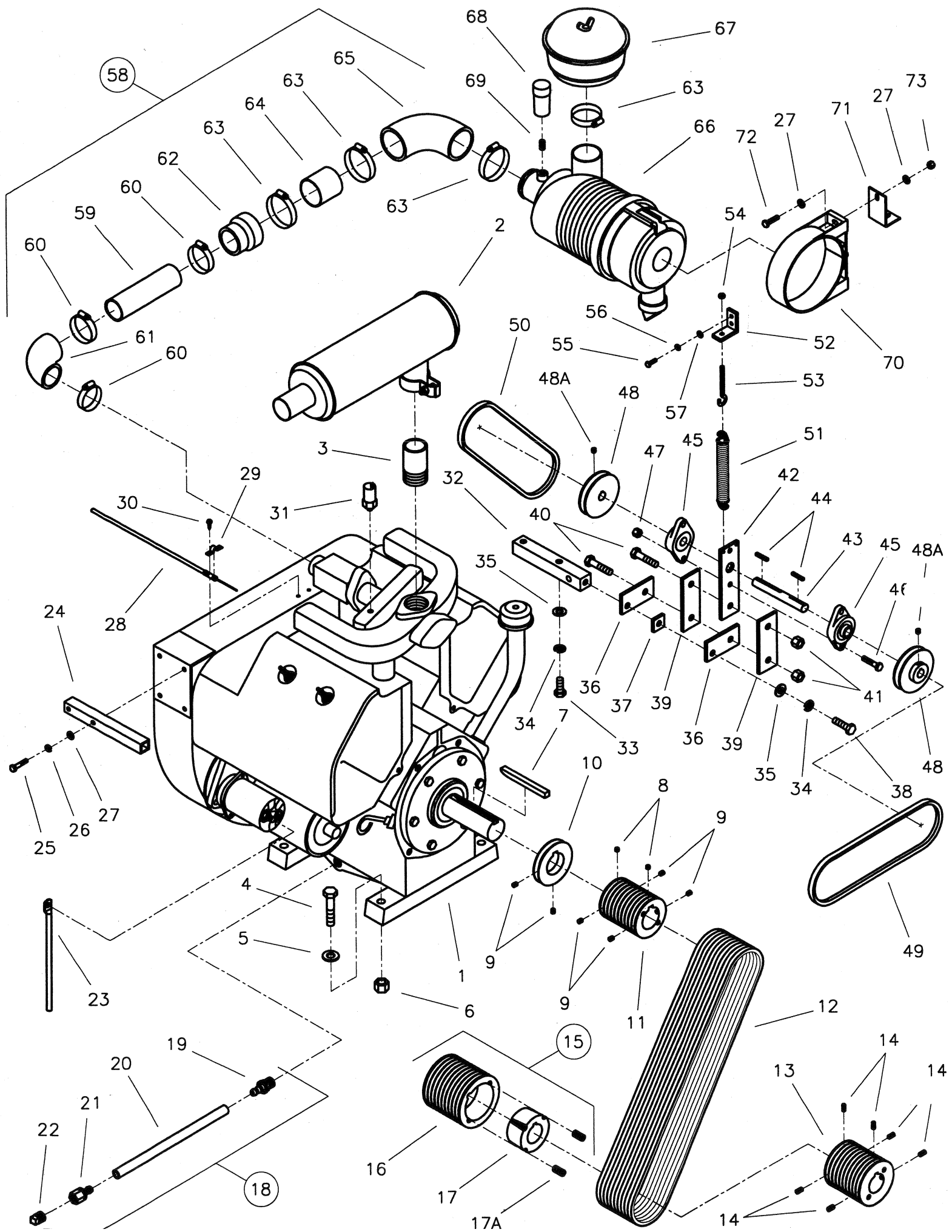
CC6000D Parts List
Drawing II
Blade Shaft and
Front Axle Group

Diagram Number	Part No.	Qty. Req.	Description	Diagram Number	Part No.	Qty. Req.	Description
1	6014033	1	Blade Shaft Assembly with 5" Diameter Flanges (Includes #2 - #18)	18	2900089	2	Capscrew, Soc. Hd., 1/4"-28 x 1"
	6014034	1	Blade Shaft Assembly with 6" Diameter Flanges (Includes #2 - #18)	19	6014036	1	Front Axle Assembly (Includes #20 - #30)
				20	6014010	1	Front Axle Weldment
				21	2500182	2	Wheel, 8" Front
2	6014011	1	Blade Shaft		2500673	2	(Roller Bearing and Seals Kit)
3	6010040	2	Key, 1/4" Sq. x 13/16"	22	2900145	4	Flat Washer, 1" USS
4	6014035	1	Key, 3/8" Sq. x 4-1/4"	23	2500009	2	Set Collar, 1"
5	2500151	2	Blade Shaft Bearing, 1-3/4" (Includes #6)	24	2900431	2	Setscrew, Sq. Hd., 5/16"-18 x 1/2"
6	2900198	2	Grease Fitting, 1/8" NPT	25	2500158	2	Pillow Block Bearing, 1-1/4"
7	3200355	2	Street Elbow, 1/8" NPT Galv. (CC6000DM)	25A	2900061	2	Grease Fitting, 1/4"-28 x 90°
8	2900512	4	Capscrew, Hex Hd., 5/8"-11 x 1-1/4"	26	2900025	4	Capscrew, Hex Hd., 1/2"-13 x 1-1/4"
9	2900113	7	Lock Washer, 5/8" Split	27	2900084	4	Lock Washer, 1/2" Split
10	2900002	6	Flat Washer, 5/8" SAE	28	2900058	4	Flat Washer, 1/2" SAE
11	6010255	2	Inner Flange, 5" for 14" - 30" Blade Guards	29	2900184	1	Grease Fitting, 1/4"-28 x 45°
	6010038	2	Inner Flange, 6" for 36" Blade Guard	30	2500780	1	Spring, 1" Dia. x 6" Long
12	2900418	2	Setscrew, Soc. Hd., 5/16"-18 x 5/8"	31	2500177	1	Hydraulic Cylinder
13	6047907	1	Outer Flange, 5" with Drive Pin for 14" - 30" Blade Guards (Includes #14)		2500278	1	(Seal Kit)
	6010039	1	Outer Flange, 6" with Drive Pin for 36" Blade Guard (Includes #14)	32	3200067	1	Cylinder Breather, 1/4" NPT
				33	6010031	1	Cylinder Pin, 3"
				34	2900064	4	Hair Pin Cotter, 3/4"
14	2900197	1	Drive Pin, 3/8" Dia. x 2"	35	6010119	1	Cylinder Pin, 3-1/2"
15	2900130	1	Capscrew, Hex Hd., 5/8"-11 x 4" Left Hand	36	3200057	1	Elbow, 1/4" Male Pipe to 1/4" Male JIC
16	2900146	1	Capscrew, Hex Hd., 5/8"-11 x 4" Right Hand	37	3200054	1	Hydraulic Hose Assembly, 32" Long
17	6010230	1	Shaft Tach Gear, Split	38	2800169	1	Magnetic Sensor with Wire Connector and Hex Nut



CC6000D Parts List
Drawing III
Transmission Group

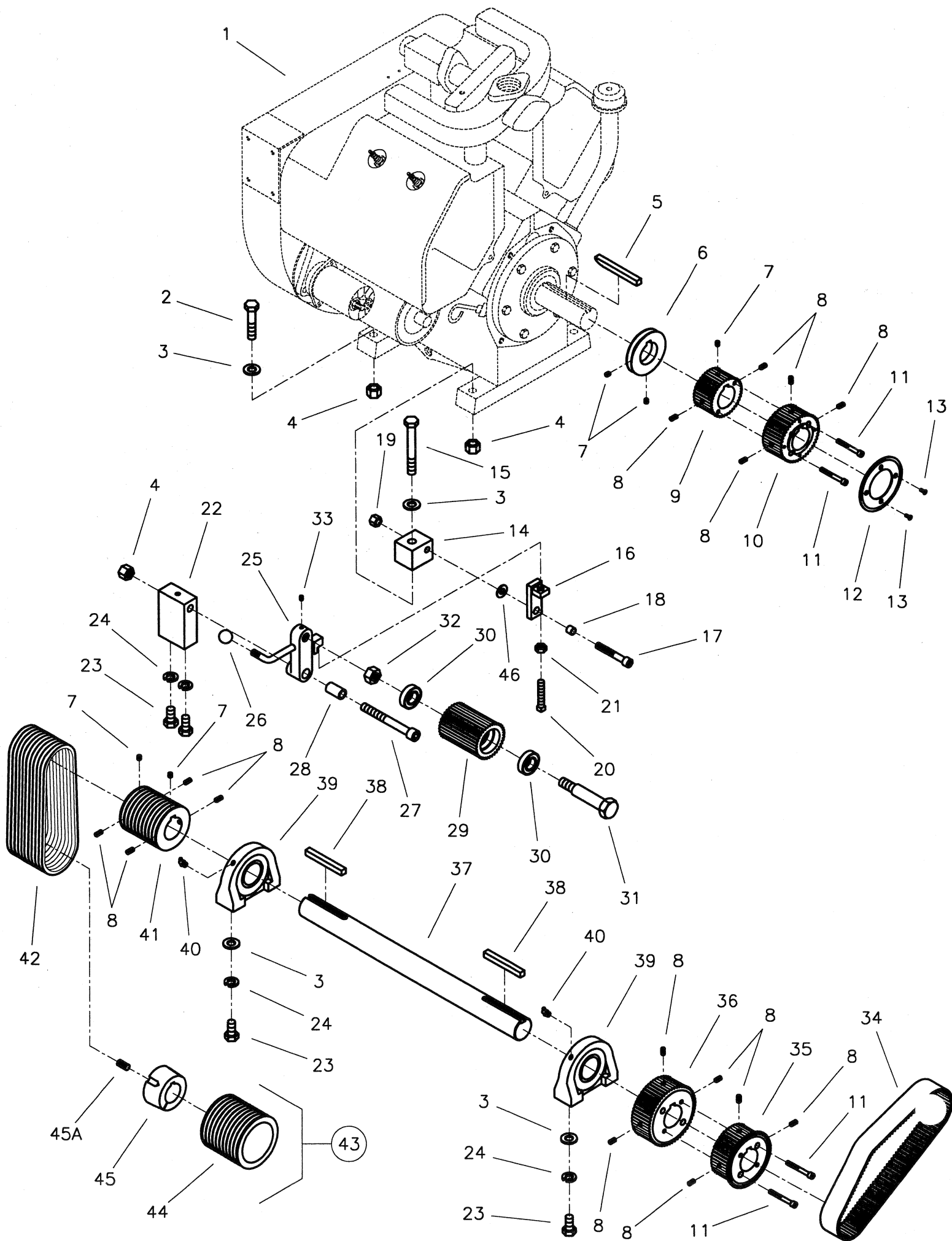
Diagram Number	Part No.	Qty. Req.	Description	Diagram Number	Part No.	Qty. Req.	Description
1	2600206	1	Differential, Gear Reduction	28	6011127	1	Dump Valve Actuator
2	2500732	2	Pillow Block Bearing, 1"	29	6011123	1	Shift Lever
3	6047904	2	Axle Bearing Spacer, 1/2"	30	2501206	1	Speed Control Cable, 48" Long
4	2900029	4	Capscrew, Hex Hd., 3/8"-16 x 1-1/2"	31	2500791	1	Rod End, #10-32
5	2900006	14	Lock Washer, 3/8" Split	32	2900188	1	Hex Nut, #10-32
6	2900014	17	Flat Washer, 3/8" SAE	33	2900054	1	Machine Screw, Hex Hd., #10-24 x 1"
7	2500996	2	Wheel, 10" Rear with 1-3/4" Bore	34	6011125	1	Cable Control Bracket
8	2500867	2	Trantorque Bushing, 1"	35	2900019	2	Capscrew, Hex Hd., 5/16"-18 x 3/4"
9	6011116	1	Differential Stabilizer	36	2900031	2	Lock Washer, 5/16" Split
10	2900013	8	Capscrew, Hex Hd., 3/8"-16 x 1-1/4"	37	2900022	2	Flat Washer, 5/16" SAE
11	2900018	7	Lock Nut, 3/8"-16 Nylon	38	2500818	1	Cable Clamp, 1/4"-20
12	2600093	1	Hydrostatic Transmission (Includes #13 - #15)	39	2900009	2	Flat Washer, 1/4" SAE
	2700523	1	(Oil Reservoir Only)	40	2900010	4	Lock Nut, 1/4"-20 Nylon
13	2701814	1	Drive Gear	41	6011205	1	Positraction Shaft Housing
14	2500364	1	Retaining Ring	42	2900061	1	Grease Fitting, 1/4"-28 x 90°
15	2900068	2	Woodruff Key #404, 1/8" Wide x 1/2" Dia.	43	6011132	1	Positraction Shaft
16	2501133	1	Gasket	44	2501233	2	Bearing, 1" x 1-1/4" x 7/8"
17	6011149	1	Pulley, 4" Transmission Cup	45	2501224	2	Retaining Ring, 1" E-Style
18	2900101	2	Setscrew, Soc. Hd., 1/4"-20 x 3/8"	46	6011134	1	Mount Foot, Left Hand
19	2500519	1	Cooling Fan, 7"	47	6011135	1	Mount Foot, Right Hand
20	2900448	4	Machine Screw, Hex Hd., #10-32 x 1/2"	48	2900139	2	Capscrew, Hex Hd., 1/2"-13 x 1-3/4"
21	2900038	4	Lock Washer, #10 Split	49	2900058	2	Flat Washer, 1/2" SAE
22	6011124	1	Cable Clamp Mount	50	2900026	2	Lock Nut, 1/2"-13
23	2501140	1	Neutral Control Cable	51	2500068	2	Spring
24	2500940	1	Cable Clamp	52	2900052	2	Capscrew, Hex Hd., 1/4"-20 x 1-1/4"
25	2900015	2	Machine Screw, Hex Hd., #10-24 x 3/4"	53	2900440	2	Cotter Pin, 3/16" x 1-1/2"
26	2900017	2	Lock Nut, #10-24 Nylon	54	2900184	2	Grease Fitting, 1/4"-28 x 45°
27	2900035	4	Capscrew, Hex Hd., 3/8"-16 x 3"	55	2900023	1	Capscrew, Hex Hd., 1/4"-20 x 5/8"
				56	2900024	1	Lock Washer, 1/4" Split
				57	2900126	1	Flat Washer, 1/4" USS



CC6000D Parts List

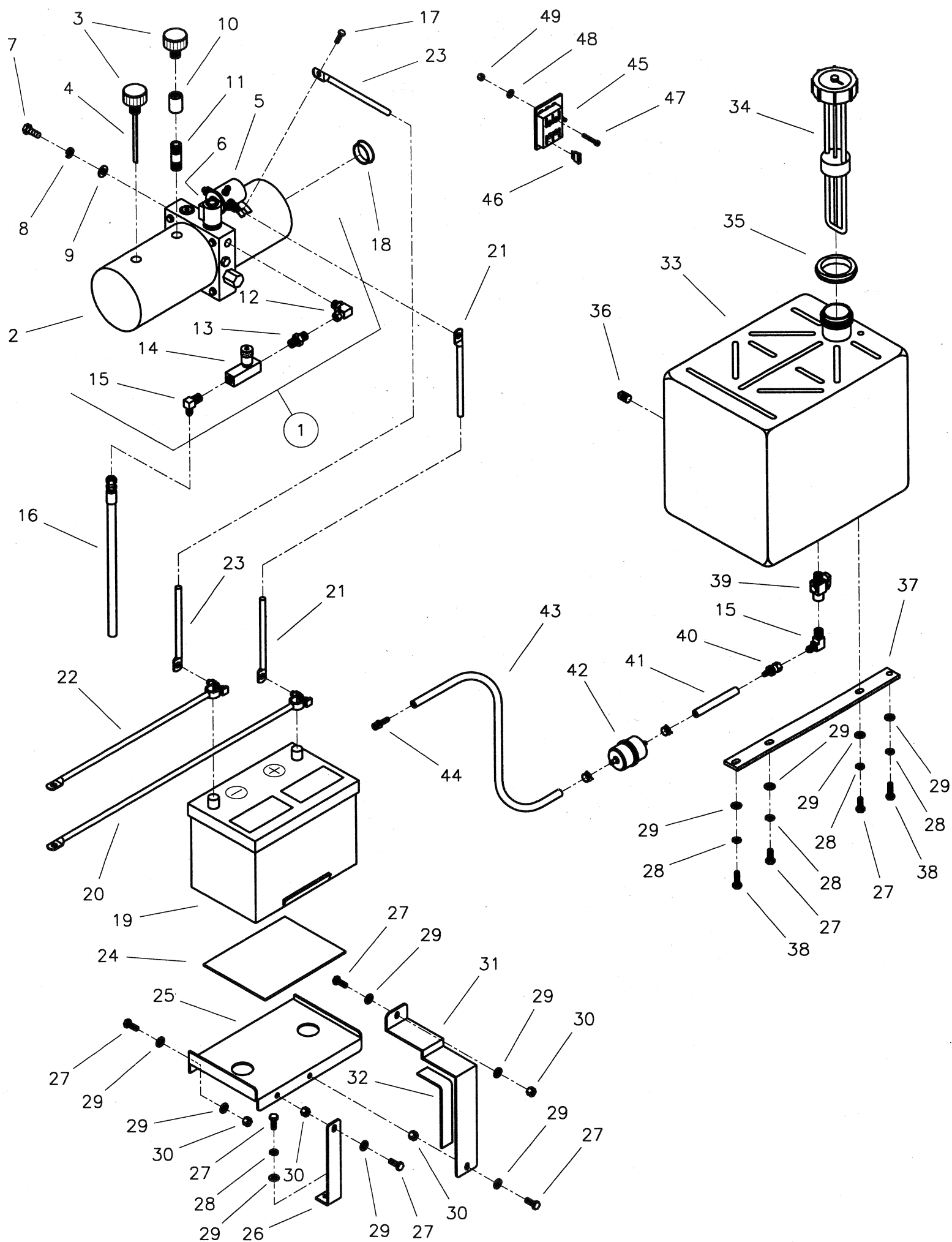
Drawing IV Engine Group

Diagram Number	Part No.	Qty. Req.	Description	Diagram Number	Part No.	Qty. Req.	Description
1	2600191	1	Engine, 65 Hp Wisconsin Model V465D1 (Includes #2 and #3)	34	2900084	3	Lock Washer, 1/2" Split
2	2700179	1	Muffler, Horizontal with Clamp	35	2900058	3	Flat Washer, 1/2" SAE
	2700600	1	Muffler, Vertical	36	6011164	2	Jackshaft Brace Plate
	2700608	1	Rain Cap, 2-1/2" (not shown)	37	6011156	1	Jackshaft Spacer
	2700609	1	Muffler Clamp, 2-1/2" (not shown)	38	2900139	1	Capscrew, Hex Hd., 1/2"-13 x 1-3/4"
3	3200051	1	Pipe Nipple	39	6011155	2	Jackshaft Pivot Plate
4	2900195	4	Capscrew, Hex Hd., 5/8"-11 x 3"	40	2900192	2	Capscrew, Hex Hd., 1/2"-13 x 2-1/4"
5	2900002	4	Flat Washer, 5/8" SAE	41	2900026	2	Lock Nut, 1/2"-13 Nylon
6	2900135	4	Lock Nut, 5/8"-11 Nylon	42	6011154	1	Jackshaft Mount Plate
7	6014038	1	Bevel End Key, 1/2" Sq. x 4-7/8" Long	43	6013028	1	Idler Jackshaft
8	2900036	2	Setscrew, Soc. Hd., 5/16"-18 x 1/4"	44	6048229	2	Key, 3/16" Sq. x 1-1/4"
9	2900142	6	Setscrew, Soc. Hd., 5/16"-18 x 3/8"	45	2500202	2	Flange Block Bearing, 3/4"
10	6010041	1	Accessory Drive Pulley, 4" O.D.	46	2900047	2	Capscrew, Hex Hd., 3/8"-16 x 1-3/4"
11	6010154	1	Sheave, 4.12-10 Groove x 2" Bore for 14" Blade Guard Only	47	2900018	2	Lock Nut, 3/8"-16 Nylon
	6013009	1	Sheave, 3.65-10 Groove x 2" Bore for 20" - 36" Blade Guards	48	2500455	2	Pulley, 4" Single Groove
12	2500438	10	V-Belt, 3VX530	48A	2900142	2	Setscrew, Soc. Hd., 5/16"-18 x 3/8"
	2501009	2	Banded Belt, 3VX530 - 5 Strand	49	2501123	1	V-Belt, 4L-360 (CC6065D)
13	6010155	1	Sheave, 4.12-10 Groove x 1-3/4" Bore for 14" Blade Guard Only		2500456	1	V-Belt, 4L-340 (CC6065DM)
14	2900418	6	Setscrew, Soc. Hd., 5/16"-18 x 5/8"	50	2501123	1	V-Belt, 4L-360 (CC6065D)
15	6014016	1	Sheave, 4.75-10 Groove with 1-3/4" Taper Bushing for 20" - 36" Blade Guards (Includes #16 and #17)		2500688	1	V-Belt, 4L-370 (CC6065DM)
16	2500633	1	Sheave Only, 4.75-10 Groove Taper Style for 20" - 36" Blade Guards	51	2500987	1	Spring, 1" Dia. x 8" Long
17	2500454	1	Taper Bushing, 1-3/4" with Setscrews	52	6011160	1	Spring Tensioning Bracket
17A	(REF)	2	Setscrew, Soc. Hd., 1/2"-13 x 1"	53	2900438	1	Eye Bolt, 1/4"-20 x 3"
18	6010177	1	Oil Drain Hose Assembly (Includes #19 - #22)	54	2900125	1	Hex Nut, 1/4"-20
19	3200162	1	Fitting, 3/4" Male Pipe to 1/2" Push Lock	55	2900144	2	Capscrew, Hex Hd., 1/4"-20 x 3/4"
20	6010245	1	Oil Drain Hose, 13" Long	56	2900024	2	Lock Washer, 1/4" Split
21	3200163	1	Fitting, 1/2" Female Pipe to 1/2" Push Lock	57	2900009	2	Flat Washer, 1/4" SAE
22	3200160	1	Plug, 1/2" NPT	58	6014037	1	Air Intake Assembly (Includes #59 - #65)
23	2800073	1	Battery Cable, Positive (Red)	59	6011182	1	Air Intake Tube, 2" O.D. x 7" Long
24	6010050	1	Pointer Stop	60	3200095	3	Hose Clamp #32
25	2900508	2	Capscrew, Hex Hd., 5/16"-18 x 1-1/2"	61	2500221	1	Hose Elbow, 1-3/4" to 2"
26	2900031	2	Lock Washer, 5/16" Split	62	2500229	1	Hose Reducer, 2-1/2" to 2"
27	2900022	6	Flat Washer, 5/16" SAE	63	3200096	4	Hose Clamp #40
28	2500376	1	Vernier Throttle Cable	64	6010052	1	Connector Tube, 2-1/2" O.D.
29	2500940	1	Throttle Cable Clamp	65	2500232	1	Hose Elbow, 2-1/2" I.D.
30	2900411	2	Tapscrew, Hex Washer Hd., #10 x 3/4"	66	2501328	1	Air Cleaner, Complete
31	2800386	1	Vacuum Switch		2501288	1	(Outer Primary Element)
32	6011129	1	Jackshaft Adjustment Bar		2501289	1	(Inner Safety Element)
33	2900025	2	Capscrew, Hex Hd., 1/2"-13 x 1-1/4"		2501185	1	(Rubber Dust Ejector Boot)
				67	2500105	1	Pre-Cleaner with Clamp
					2500493	1	(Clear Plastic Bowl Only)
				68	2500423	1	Restriction Indicator
				69	3200117	1	Close Nipple, 1/8" NPT
				70	2501329	1	Mounting Band
				71	6014015	1	Air Cleaner Support Tab
				72	2900217	2	Capscrew, Hex Hd., 5/16"-18 x 1-1/4"
				73	2900039	2	Lock Nut, 5/16"-18 Nylon



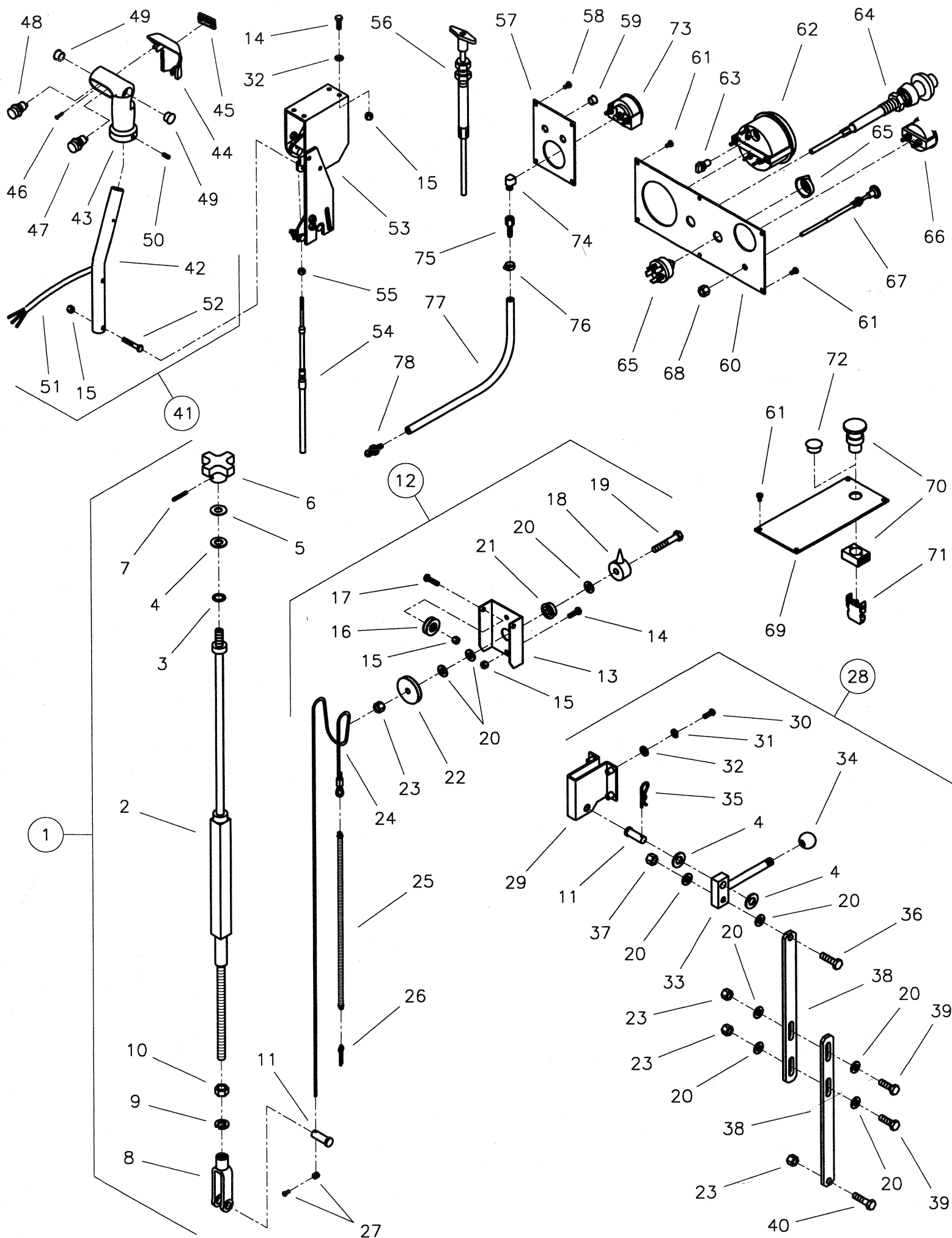
CC6000DM Parts List
Drawing V
Multi-Speed Drive Group

Diagram Number	Part No.	Qty. Req.	Description	Diagram Number	Part No.	Qty. Req.	Description
1	(REF)	1	Engine, 65 Hp Wisconsin	25	6014012	1	Idler Arm
2	2900195	3	Capscrew, Hex Hd., 5/8"-11 x 3"	26	2400007	1	Knob, 1/2"-20
3	2900002	8	Flat Washer, 5/8" SAE	27	2900455	1	Capscrew, Soc. Hd., 5/8"-11 x 5-1/2"
4	2900135	5	Lock Nut, 5/8"-11 Nylon	28	2501327	1	Bearing, 5/8" x 7/8" x 1-1/2"
5	6014038	1	Bevel End Key, 1/2" Sq. x 4-7/8" Long	29	6014026	1	Idler Sprocket, 34 Tooth
6	6010041	1	Accessory Drive Pulley, 4" O.D.	30	2501038	2	Bearing, 1" x 2" x 1/2"
7	2900142	5	Setscrew, Soc. Hd., 5/16"-18 x 3/8"	31	6014027	1	Idler Bolt
8	2900418	15	Setscrew, Soc. Hd., 5/16"-18 x 5/8"	32	2900041	1	Hex Nut, 3/4"-10
9	6014020	1	Sprocket, 37 Tooth x 2" Bore	33	2900101	1	Setscrew, Soc. Hd., 1/4"-20 x 3/8"
10	6014021	1	Sprocket, 45 Tooth x 2" Bore	34	2501312	1	PowerGrip Belt, 50mm x 1064mm
11	2900191	4	Capscrew, Soc Hd., 5/16"-18 x 2-1/2"	35	6014022	1	Sprocket, 47 Tooth x 2" Bore
12	6014031	1	Sprocket Flange	36	6014024	1	Sprocket, 55 Tooth x 2" Bore
13	2900456	4	Machine Screw, Flat Hd., #10-32 x 1/2"	37	6013016	1	Jackshaft
14	6014029	1	Tensioner Mount Block	38	6013062	2	Key, 1/2" Sq. x 4-1/4"
15	2900502	1	Capscrew, Hex Hd., 5/8"-11 x 5"	39	2500435	2	Pillow Block Bearing, 2"
16	6011163	1	Tensioner Arm	40	2900193	2	Grease Fitting, 1/8" NPT x 45°
17	2900454	1	Capscrew, Soc Hd., 1/2"-13 x 3-1/4"	41	6010153	1	Sheave, 4.00-10 Groove x 2" Bore
18	2501101	1	Bearing, 1/2" x 5/8" x 1/2"	42	2500034	10	V-Belt, 3VX315
19	2900026	1	Lock Nut, 1/2"-13 Nylon		2501316	2	Banded Belt, 3VX315 - 5 Strand
20	2900229	1	Setscrew, Sq. Hd., 1/2"-13 x 2-1/2"	43	6014016	1	Sheave, 4.75-10 Groove with 1-3/4" Taper
21	2900129	1	Jam Nut, 1/2"-13				Bushing (Includes #44 and #45)
22	6014028	1	Idler Mount Block	44	2500633	1	Sheave Only, 4.75-10 Groove Taper Style
23	2900512	6	Capscrew, Hex Hd., 5/8"-11 x 1-1/4"	45	2500454	1	Taper Bushing, 1-3/4" with Setscrews
24	2900113	6	Lock Washer, 5/8" Split	45A	(REF)	2	Setscrew, Soc. Hd., 1/2"-13 x 1"
				46	2900239	1	Friction Washer, 1/2"



CC6000D Parts List
Drawing VI
Power Supply Group

Diagram Number	Part No.	Qty. Req.	Description	Diagram Number	Part No.	Qty. Req.	Description
1	6011077	1	Hydraulic Pump Assembly (Includes #2 - #15)	23	2800182	1	Negative Ground Cable (Black)
2	2600070	1	Hydraulic Pump Unit (Includes #3 - #6)	24	6010016	1	Battery Pad
3	2700321	2	Breather Cap, 3/8" NPT	25	6047920	1	Battery Holder
4	2701815	1	Dipstick	26	6011117	1	Battery Support Brace
5	2700169	1	Solenoid, Motor	27	2900019	10	Capscrew, Hex Hd., 5/16"-18 x 3/4"
6	2700243	1	Valve Coil	28	2900031	9	Lock Washer, 5/16" Split
	2700244	1	Valve Stem	29	2900022	17	Flat Washer, 5/16" SAE
7	2900005	2	Capscrew, Hex Hd., 3/8"-16 x 1"	30	2900039	5	Lock Nut, 5/16"-18 Nylon
8	2900006	2	Lock Washer, 3/8" Split	31	6047922	1	Battery Strap
9	2900014	2	Flat Washer, 3/8" SAE	32	6048077	1	Rubber Strip
10	3200120	1	Pipe Coupling, 3/8" NPT	33	2500648	1	Fuel Tank, 6 Gallon
11	3200123	1	Pipe Nipple, 3/8" NPT x 2"	34	2500649	1	Fuel Tank Cap with Gauge
12	3200115	1	Elbow, 3/8" O-Ring to 1/4" Female Pipe Swivel	35	2500205	1	Fuel Tank Grommet
13	3200060	1	Hex Nipple, 1/4" NPT	36	3200206	1	Pipe Plug, 1/4" NPT
14	3200056	1	Flow Control Valve, 1/4" NPT	37	6047916	2	Fuel Tank Mount Bar
15	3200057	2	Elbow, 1/4" Male Pipe to 1/4" Male JIC	38	2900138	4	Capscrew, Hex Hd., 5/16"-18 x 1"
16	3200054	1	Hydraulic Hose Assembly, 32" Long	39	3200108	1	Fuel Shut-off Valve
17	2900144	1	Capscrew, Hex Hd., 1/4"-20 x 3/4"	40	3200091	1	Fitting, 1/4" Female JIC to 1/4" Push Lock
18	2500554	1	Plug, 1-1/2" Hole	41	6010218	1	Fuel Line Hose, 1/4" I.D. x 4" Long
19	2700208	1	Battery, 12 Volt	42	2500201	1	Fuel Filter with Clamps
20	2800073	1	Battery Cable, Positive (Red)	43	6011062	1	Fuel Line Hose, 1/4" I.D. x 20" Long
	2800071	1	Battery Cable, Positive (CC6000EDM)	44	3200065	1	Fitting, 1/8" Male Pipe to 1/4" Push Lock
21	2800095	1	Solenoid Cable (Red)	45	2800388	1	Fuse Panel, 6 Circuit
22	2800072	1	Battery Cable, Negative (Black)	46	2800389	6	Fuse, 10 Amp Red ATO/ATC
				47	2900451	2	Capscrew, Soc. Hd., #10-24 x 1-1/4"
				48	2900016	2	Flat Washer, #10 USS
				49	2900017	2	Lock Nut, #10-24 Nylon

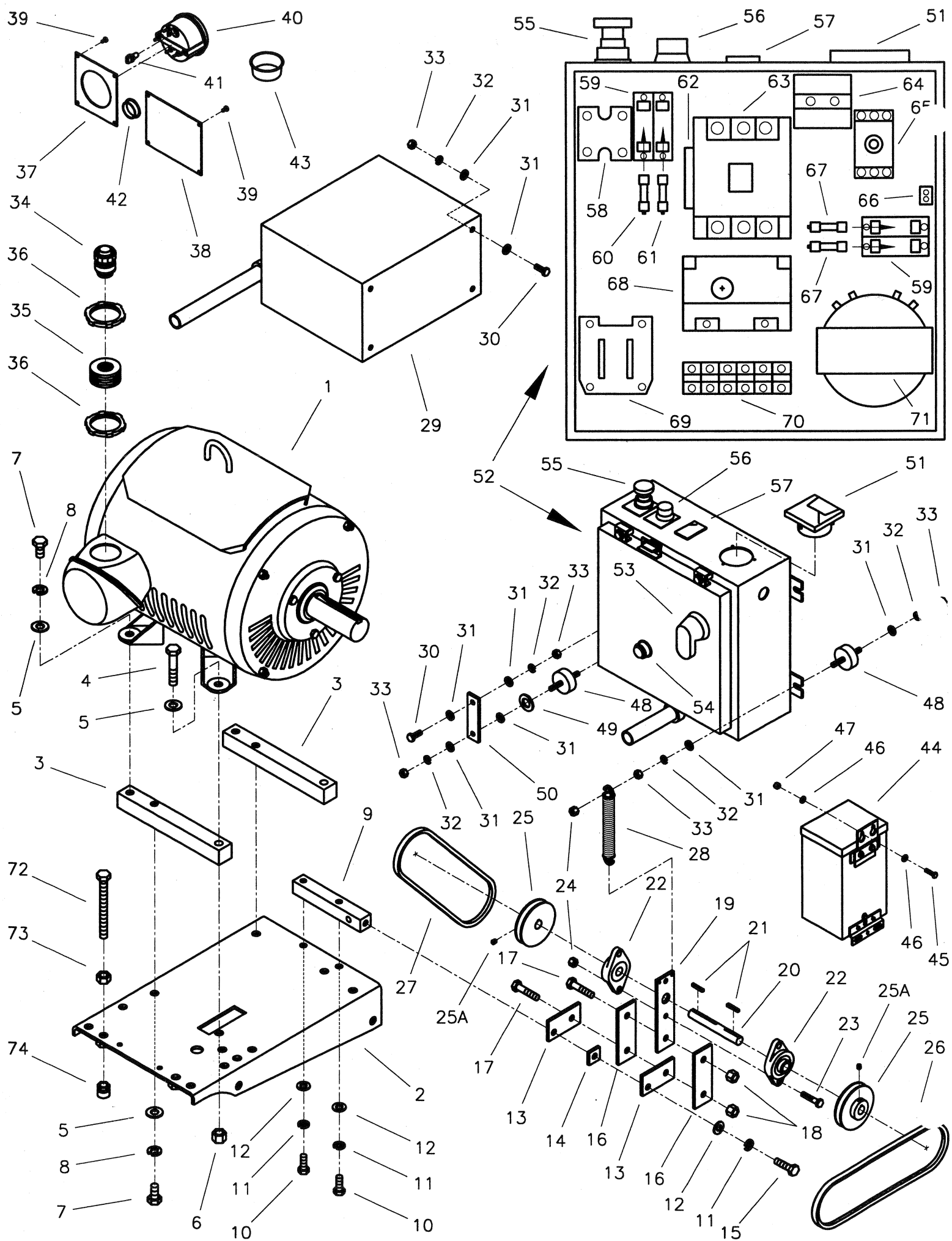


CC6000D Parts List

Drawing VII

Controls Group

Diagram Number	Part No.	Qty. Req.	Description	Diagram Number	Part No.	Qty. Req.	Description
1	6010215	1	Depth Stop Assembly (Includes #2 - #11)	40	2900029	1	Capscrew, Hex Hd., 3/8"-16 x 1-1/2"
2	6010097	1	Depth Stop Weldment	41	6011199	1	Speed Control Lever Assembly (Includes #15, #42 - #52)
3	2900133	1	Wave Washer	42	6011198	1	Speed Control Lever Only
4	2900058	3	Flat Washer, 1/2" SAE	43	2501280	1	Control Grip Body
5	2900239	1	Friction Washer, 1/2"	44	2501281	1	Control Grip Cover
6	6010095	1	Depth Stop Knob	45	2500644	1	Plug, Rectangular
7	2900132	1	Roll Pin, 3/16" x 1-1/4"	46	2900452	1	Screw, Oval Head, #4 x 5/8"
8	2900158	1	Yoke, 1/2"-13	47	2800372	1	Pushbutton Switch, Raise
9	2900084	1	Lock Washer, 1/2" Split	48	2800373	1	Pushbutton Switch, Lower
10	2900037	1	Hex Nut, 1/2"-13	49	2500694	2	Plug, 5/8" Hole
11	2900007	2	Clevis Pin, 1/2" Dia. x 1-3/8"	50	2900453	1	Setscrew, Soc. Hd., M5 x 12mm
12	6011175	1	Depth Indicator Assembly (Includes #13 - #27)	51	2800393	1	Wiring Harness, Hydraulic Pump
13	6010092	1	Depth Indicator Mount Bracket	52	2900048	2	Capscrew, Hex Hd., 1/4"-20 x 1-1/2"
14	2900144	6	Capscrew, Hex Hd., 1/4"-20 x 3/4"	53	2501139	1	Quadco Speed Controller
15	2900010	10	Lock Nut, 1/4"-20 Nylon	54	2501206	1	Speed Control Cable, 48" Long
16	2500155	2	Cable Pulley, 1-1/4"	55	2900188	1	Hex Nut, #10-32
17	2900008	2	Capscrew, Hex Hd., 1/4"-20 x 1"	56	2501140	1	Neutral Control Cable
18	6010091	1	Depth Indicator Pointer	57	6010222	1	Switch Plate
19	2900079	1	Capscrew, Hex Hd., 3/8"-16 x 2-1/4"		6010098	1	Switch Plate (CC6000EDM)
20	2900014	9	Flat Washer, 3/8" SAE	58	2900445	6	Tapscrew, Flat Hd., #10-24 x 1/2"
21	2500145	1	Flange Bearing, 3/8"	59	2500204	2	Plug, 1/2" Hole
22	6010093	1	Cable Pulley, 2"	60	6011073	1	Gauge Panel
23	2900018	4	Lock Nut, 3/8"-16 Nylon	61	2900021	8	Tapscrew, Pan Hd., #10-24 x 3/8"
24	6011176	1	Depth Indicator Cable with Crimp, 52"	62	2800168	1	Blade Shaft Tach/Hour Meter
25	2500196	1	Spring, 3/8" x 15"	63	2800267	1	Light, Wedge Base
26	2900055	1	Cotter Pin, 3/16" x 1"	64	2500376	1	Vernier Throttle Cable
27	2501189	1	Wire Stop Fitting with Screw	65	2500220	1	Ignition Switch
28	6011177	1	Engagement Lever Assembly (Includes #4, #11, #20, #23, #29 - #40)	66	2800271	1	Volt Meter
29	6011115	1	Engagement Bracket	67	2500186	1	Choke Cable
30	2900427	4	Capscrew, Button Hd., 1/4"-20 x 3/4"	68	2900148	1	Hex Nut, 3/8"-24
31	2900024	4	Lock Washer, 1/4" Split	69	6011024	1	Hydraulic Pump Cover Plate
32	2900009	8	Flat Washer, 1/4" SAE	70	2800213	1	Emergency Stop Button
33	6048057	1	Engagement Lever	71	2800229	1	Contact Block N.C.
34	2400007	1	Knob, 1/2"-20	72	2500549	1	Plug, 7/8" Hole (CC6000EDM)
35	2900276	1	Hair Pin Cotter, 1/2"	73	2500179	1	Oil Pressure Gauge
36	2900315	1	Capscrew, Hex Hd., M10 x 35mm	74	3200156	1	Street Elbow, 1/8" NPT Brass
37	2900304	1	Lock Nut, M10 Nylon	75	3200188	1	Fitting, 1/8" Female Pipe to 1/4" Hose Barb
38	6047925	2	Linkage	76	3200062	1	Hose Clamp #4
39	2900013	2	Capscrew, Hex Hd., 3/8"-16 x 1-1/4"	77	6010100	1	Oil Pressure Line Hose, 1/4" I.D. x 32"
				78	3200064	1	Fitting, 1/4" Male SAE to 1/4" Push Lock

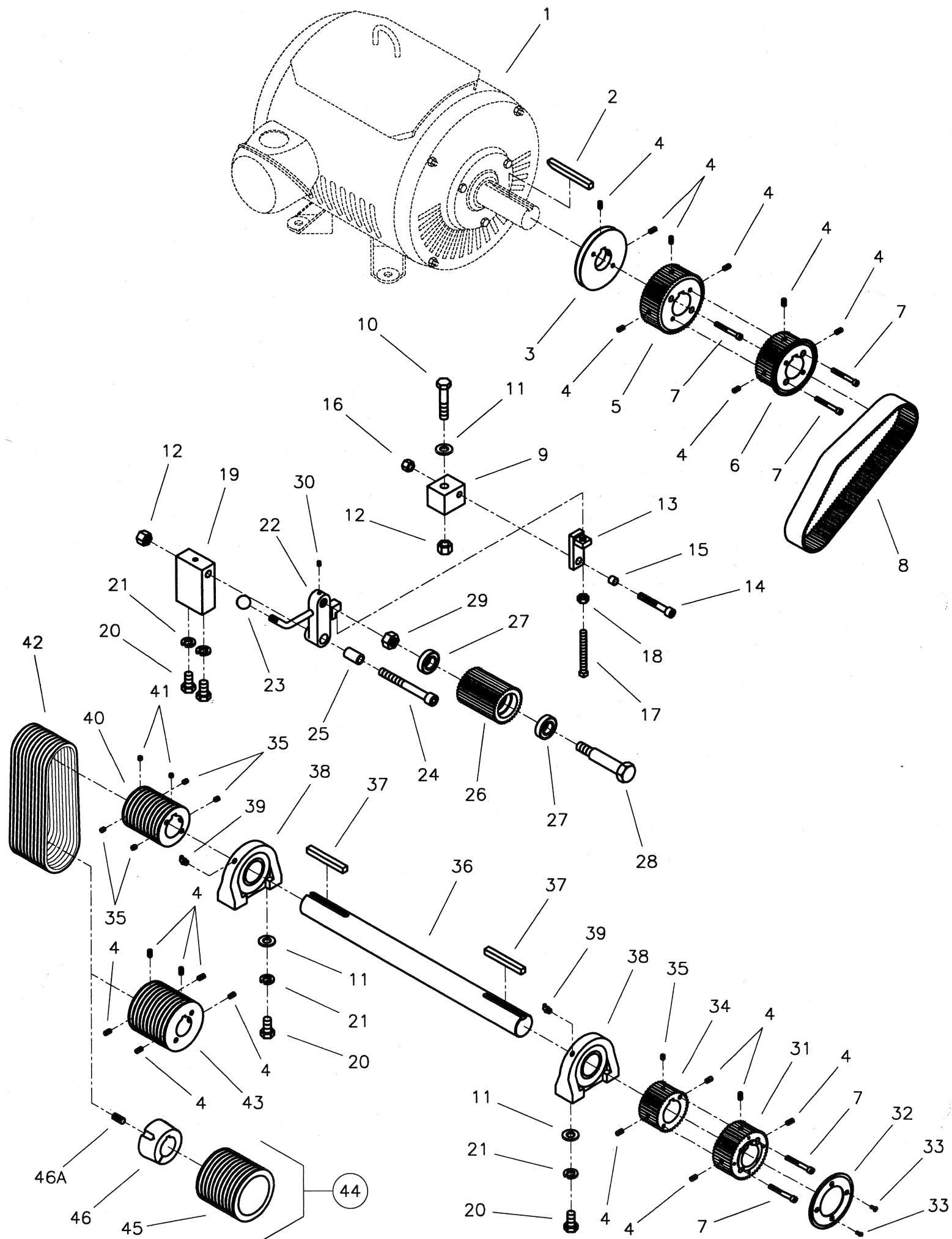


CC6000EDM Parts List

Drawing VIII

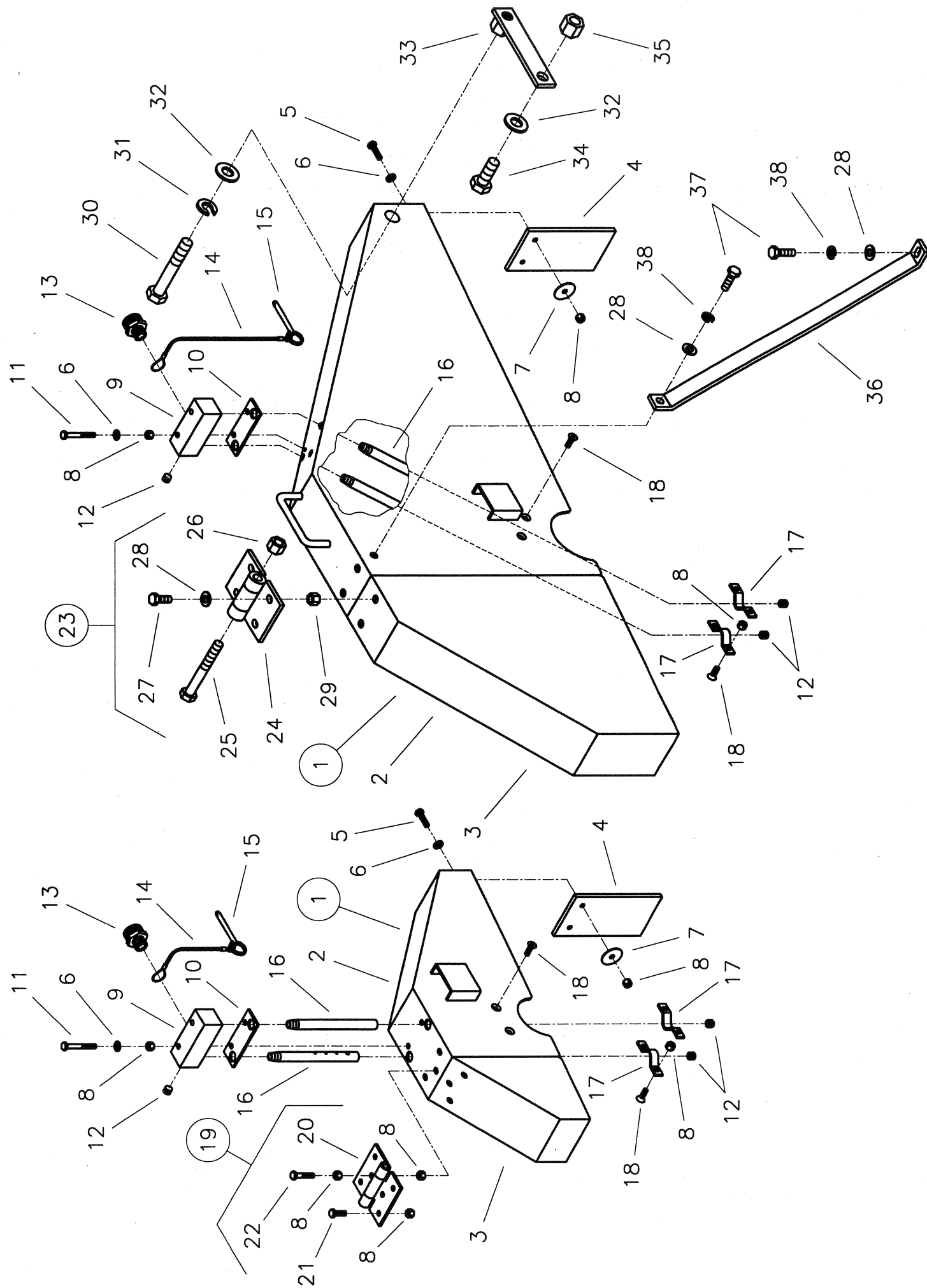
Motor and Starter Group

Diagram Number	Part No.	Qty. Req.	Description	Diagram Number	Part No.	Qty. Req.	Description
1	2600185	1	Motor, 40 Hp Lincoln	43	2500381	1	Plug, 2-5/8" Hole
2	6014002	1	Engine Base	44	2701488	1	Transformer (For 575V Motor)
3	6014030	2	Motor Spacer		2800293	1	Transformer (For 50HZ Motor)
4	2900137	2	Capscrew, Hex Hd., 5/8"-11 x 3-1/4"	45	2900008	4	Capscrew, Hex Hd., 1/4"-20 x 1"
5	2900002	6	Flat Washer, 5/8" SAE	46	2900009	8	Flat Washer, 1/4" SAE
6	2900135	2	Lock Nut, 5/8"-11 Nylon	47	2900010	4	Lock Nut, 1/4"-20 Nylon
7	2900512	4	Capscrew, Hex Hd., 5/8"-11 x 1-1/4"	48	2500678	4	Vibration Isolator, 3/8"-16
8	2900113	4	Lock Washer, 5/8" Split	49	2900003	1	Flat Washer, 3/4" SAE
9	6011129	1	Jackshaft Adjustment Bar	50	6011168	1	Starter Offset Mount Bar
10	2900025	2	Capscrew, Hex Hd., 1/2"-13 x 1-1/4"	51	2800203	1	Amp Meter
11	2900084	3	Lock Washer, 1/2" Split	52	2800215	1	Starter Box Assembly (Includes #53 - #71)
12	2900058	3	Flat Washer, 1/2" SAE	53	2701870	1	Disconnect Handle (Red / Black)
13	6011164	2	Jackshaft Brace Plate		2701871	1	Handle Shaft Only
14	6011156	1	Jackshaft Spacer	54	2800245	1	Reset Button
15	2900139	1	Capscrew, Hex Hd., 1/2"-13 x 1-3/4"	55	6011096	1	Stop Button Assembly
16	6011155	2	Jackshaft Pivot Plate		2800199	1	(Stop Button Body Only)
17	2900192	2	Capscrew, Hex Hd., 1/2"-13 x 2-1/4"		2800201	1	(Red Mushroom Cap)
18	2900026	2	Lock Nut, 1/2"-13 Nylon		2800200	1	(Contact Block N.C.)
19	6011154	1	Jackshaft Mount Plate	56	6011097	1	Start Button Assembly
20	6013028	1	Idler Jackshaft		2701390	1	(Start Button Body Only)
21	6048229	2	Key, 3/16" Sq. x 1-1/4"		2800317	1	(Green Cap)
22	2500202	2	Flange Block Bearing, 3/4"		2800222	1	(Clear Protective Boot)
23	2900047	2	Capscrew, Hex Hd., 3/8"-16 x 1-3/4"		2701392	1	(Contact Block N.O.)
24	2900018	3	Lock Nut, 3/8"-16 Nylon	57	2800224	1	Battery Charge Amp Meter, 12V-DC
25	2500455	2	Pulley, 4" Single Groove	58	2701274	1	Rectifier Bridge
25A	2900142	2	Setscrew, Soc. Hd., 5/16"-18 x 3/8"	59	2800299	2	Dual Fuse Holder, 30A-600V
26	2501217	1	V-Belt, 4L-380	60	2701066	1	Fuse ATQR 10A (For Control Circuit)
27	2501123	1	V-Belt, 4L-360	61	2701307	1	Fuse ATMR 25A (For Battery Charger)
28	2500987	1	Spring, 1" Dia. x 8" Long	62	2800400	1	Auxiliary Contact, N.O. (Siemens)
29	2700812	1	Soft Start Control Box	63	2800401	1	Motor Contactor (Siemens)
30	2900005	5	Capscrew, Hex Hd., 3/8"-16 x 1"		2800402	1	Coil, 24V-AC (Siemens)
31	2900014	19	Flat Washer, 3/8" SAE	64	2800248	1	Current Transformer (For AC Amp Meter)
32	2900006	13	Lock Washer, 3/8" Split	65	2701267	1	Disconnect Block 80A
33	2900033	13	Hex Nut, 3/8"-16	66	2800315	1	Grounding Lug
34	2800272	1	Connector, 1" Conduit	67	2701273	2	Fuse ATQR 4A (For Transformer)
35	2800279	1	Reducer Bushing, 2" to 1"	68	2800403	1	Overload Relay, Range 25-100A (Siemens)
36	2800280	2	Lock Nut, 2" Sealing	69	2701295	1	Power Relay, 12V-DC
37	6010241	1	Meter Panel	70	6011098	1	Terminal Block Assembly
38	6011074	1	Dash Cover Panel	71	2701299	1	Transformer, 500VA
39	2900021	8	Tapscrew, Pan Hd., #10-24 x 3/8"	72	2900104	2	Tap Bolt, Hex Hd., 5/8"-11 x 6"
40	2800168	1	Blade Shaft Tach/Hour Meter	73	2900112	2	Hex Nut, 5/8"-11
41	2800267	1	Light, Wedge Base	74	2900446	2	Swivel Pad Nut, 5/8"-11
42	2500554	1	Plug, 1-1/2" Hole				



CC6000EDM Parts List
Drawing IX
Dual Speed Drive Group

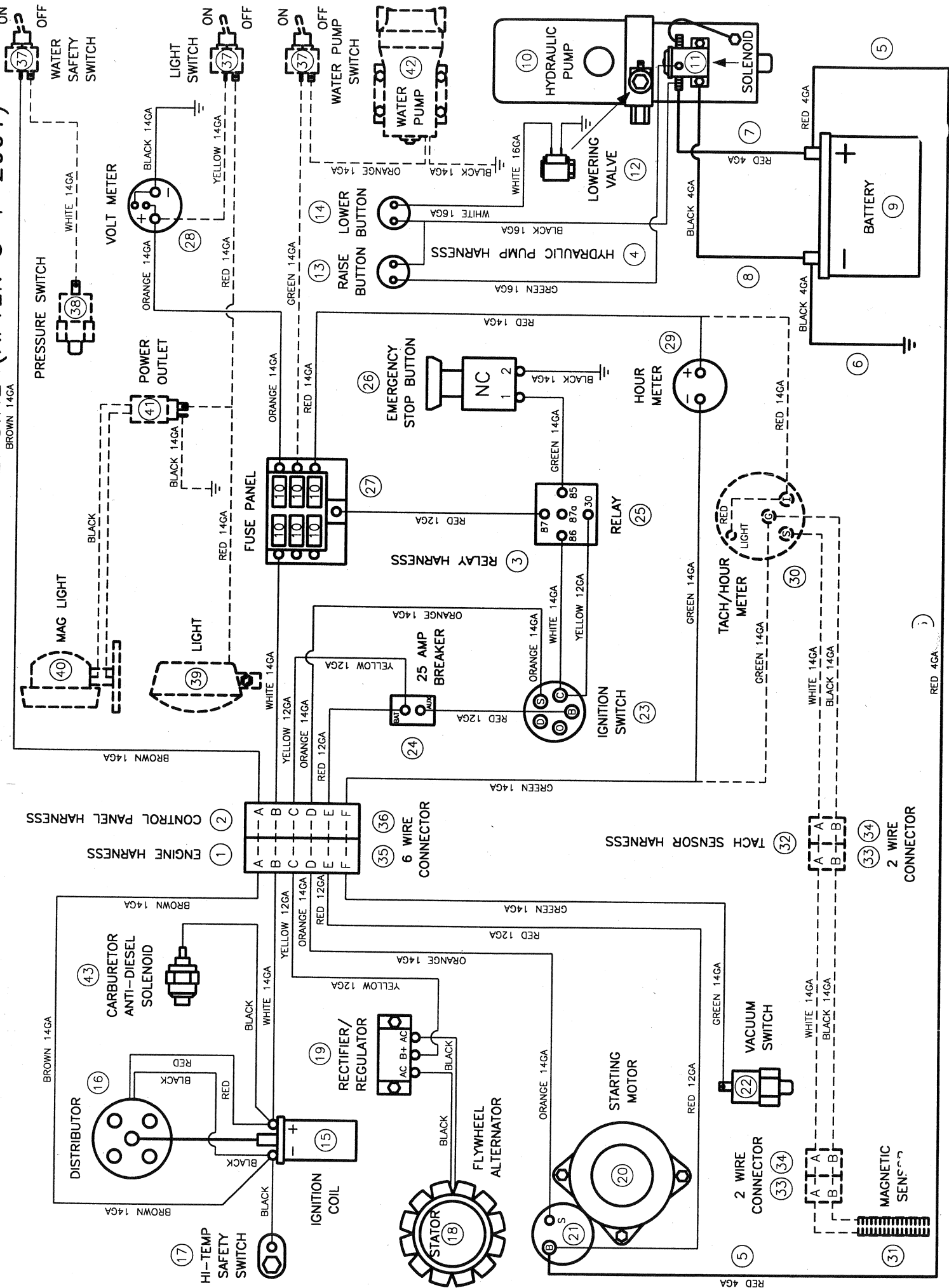
Diagram Number	Part No.	Qty. Req.	Description	Diagram Number	Part No.	Qty. Req.	Description
1	(REF)	1	Motor, 40 Hp Lincoln	29	2900041	1	Hex Nut, 3/4"-10
2	6014038	1	Bevel End Key, 1/2" Sq. x 4-7/8" Long	30	2900101	1	Setscrew, Soc. Hd., 1/4"-20 x 3/8"
3	6010182	1	Accessory Drive Pulley, 5-1/2" O.D.	31	6014021	1	Sprocket, 45 Tooth x 2" Bore
4	2900418	19	Setscrew, Soc. Hd., 5/16"-18 x 5/8"	32	6014031	1	Sprocket Flange
5	6014025	1	Sprocket, 54 Tooth x 2-1/8" Bore	33	2900456	4	Machine Screw, Flat Hd., #10-32 x 1/2"
6	6014023	1	Sprocket, 47 Tooth x 2-1/8" Bore	34	6014020	1	Sprocket, 37 Tooth x 2" Bore
7	2900191	6	Capscrew, Soc Hd., 5/16"-18 x 2-1/2"	35	2900142	5	Setscrew, Soc. Hd., 5/16"-18 x 3/8"
8	2501312	1	PowerGrip Belt, 50mm x 1064mm	36	6013016	1	Jackshaft
9	6014029	1	Tensioner Mount Block	37	6013062	2	Key, 1/2" Sq. x 4-1/4"
10	2900037	1	Capscrew, Hex Hd., 5/8"-11 x 3-1/4"	38	2500435	2	Pillow Block Bearing, 2"
11	2900002	5	Flat Washer, 5/8" SAE	39	2900193	2	Grease Fitting, 1/8" NPT x 45°
12	2900135	2	Lock Nut, 5/8"-11 Nylon	40	6010153	1	Sheave, 4.00-10 Groove x 2" Bore
13	6011163	1	Tensioner Arm				for 20"/30" Blade Guards
14	2900454	1	Capscrew, Soc Hd., 1/2"-13 x 3-1/4"		6013009	1	Sheave, 3.65-10 Groove x 2" Bore
15	2501101	1	Bearing, 1/2" x 5/8" x 1/2"				for 26"/36" Blade Guards
16	2900026	1	Lock Nut, 1/2"-13 Nylon	41	2900036	2	Setscrew, Soc. Hd., 5/16"-18 x 1/4"
17	2900027	1	Setscrew, Sq. Hd., 1/2"-13 x 4"	42	2500034	10	V-Belt, 3VX315
18	2900129	1	Jam Nut, 1/2"-13		2501316	2	Banded Belt, 3VX315 - 5 Strand
19	6014028	1	Idler Mount Block	43	6010157	1	Sheave, 4.50-10 Groove x 1-3/4" Bore
20	2900512	6	Capscrew, Hex Hd., 5/8"-11 x 1-1/4"				for 20"/30" Blade Guards
21	2900113	6	Lock Washer, 5/8" Split	44	6014016	1	Sheave, 4.75-10 Groove with 1-3/4" Taper
22	6014012	1	Idler Arm				Bushing for 26"/36" Blade Guards
23	2400007	1	Knob, 1/2"-20				(Includes #45 and #46)
24	2900455	1	Capscrew, Soc. Hd., 5/8"-11 x 5-1/2"	45	2500633	1	Sheave Only, 4.75-10 Groove Taper Style
25	2501327	1	Bearing, 5/8" x 7/8" x 1-1/2"				for 26"/36" Blade Guards
26	6014026	1	Idler Sprocket, 34 Tooth	46	2500454	1	Taper Bushing, 1-3/4" with Setscrews
27	2501038	2	Bearing, 1" x 2" x 1/2"	46A	(REF)	2	Setscrew, Soc. Hd., 1/2"-13 x 1"
28	6014027	1	Idler Bolt				



CC6000D Parts List
Drawing X
Blade Guard Assembly

Diagram Number	Part No.	Qty. Req.	Description	Diagram Number	Part No.	Qty. Req.	Description
1	6010070	1	14" Blade Guard Assembly (Includes #2 - #22)	15	2900156	1	Lock Pin Only
	6010072	1	20" Blade Guard Assembly (Includes #2 - #21)	16	6048283	2	Water Tube for 14" Blade Guard
	6010074	1	26" Blade Guard Assembly (Includes #2 - #18, #23)		6010085	2	Water Tube for 20" Blade Guard
	6010076	1	30" Blade Guard Assembly (Includes #2 - #18, #23)		6010086	2	Water Tube for 26" Blade Guard
	6010260	1	36" Blade Guard Assembly (Includes #2 - #18, #23 - #32)		6010087	2	Water Tube for 30" Blade Guard
					6010088	2	Water Tube for 36" Blade Guard
2	6010071	1	14" Blade Guard Front & Rear Only	17	6048155	2	Water Tube Clamp
	6010073	1	20" Blade Guard Front & Rear Only	18	2900020	4	Capscrew, Flat Hd., 1/4"-20 x 3/4"
	6010075	1	26" Blade Guard Front & Rear Only	19	6048150	1	Hinge Assembly for 14" Blade Guard (Includes #8, #20 - #22)
	6010077	1	30" Blade Guard Front & Rear Only		6010251	1	Hinge Assembly for 20" Blade Guard (Includes #8, #20, #21)
	6010259	1	36" Blade Guard Front & Rear Only	20	2500270	1	Hinge Only
3	6010304	1	14" Blade Guard Front Only	21	2900144	6	Capscrew, Hex Hd., 1/4"-20 x 3/4"
	6010305	1	20" Blade Guard Front Only	22	2900052	1	Capscrew, Hex Hd., 1/4"-20 x 1-1/4"
	6010306	1	26" Blade Guard Front Only	23	6010263	1	Hinge Assembly for 26"-36" Blade Guards (Includes #24 - #29)
	6010307	1	30" Blade Guard Front Only	24	6010125	1	Hinge Only
	6010308	1	36" Blade Guard Front Only	25	2900509	1	Capscrew, Hex Hd., 1/2"-13 x 4"
4	6010081	1	Splash Flap	26	2900026	1	Lock Nut, 1/2"-13 Nylon
5	2900008	2	Capscrew, Hex Hd., 1/4"-20 x 1"	27	2900013	4	Capscrew, Hex Hd., 3/8"-16 x 1-1/4"
6	2900009	4	Flat Washer, 1/4" SAE	28	2900014	6	Flat Washer, 3/8" SAE
7	2900083	2	Fender Washer, 1/4" x 1-1/4"	29	2900018	4	Lock Nut, 3/8"-16 Nylon
8	2900010	15	Lock Nut, 1/4"-20 Nylon	30	2900291	1	Capscrew, Hex Hd., 5/8"-18 x 4"
9	6010261	1	Manifold for 14" - 30" Blade Guards	31	2900113	1	Lock Washer, 5/8" Split
	6010264	1	Manifold for 36" Blade Guard	32	2900002	2	Flat Washer, 5/8" SAE
10	2500830	1	Manifold Gasket	33	6014032	1	Rear Brace for 36" Blade Guard Only
11	2900294	2	Capscrew, Hex Hd., 1/4"-20 x 2"	34	2900458	1	Capscrew, Hex Hd., 5/8"-18 x 1-3/4"
12	3200001	3	Pipe Plug, 1/8" NPT	35	2900296	1	Hex High Nut, 5/8"-18
13	3200002	1	Fitting, 3/4" Male Garden Hose to 3/8" Male Pipe	36	6010134	1	Blade Guard Brace for 30" & 36" Blade Guards (CC6000D Only)
14	2900278	1	Lanyard with Lock Pin for 14" & 20" Blade Guards	37	2900005	2	Capscrew, Hex Hd., 3/8"-16 x 1"
	2900279	1	Lanyard with Lock Pin for 26" & 30" Blade Guards	38	2900006	2	Lock Washer, 3/8" Split
	2900280	1	Lanyard with Lock Pin for 36" Blade Guard				

WIRING DIAGRAM FOR NEWER 35HP AND 65HP WISCONSIN ENGINE (AFTER 8-1-2001)



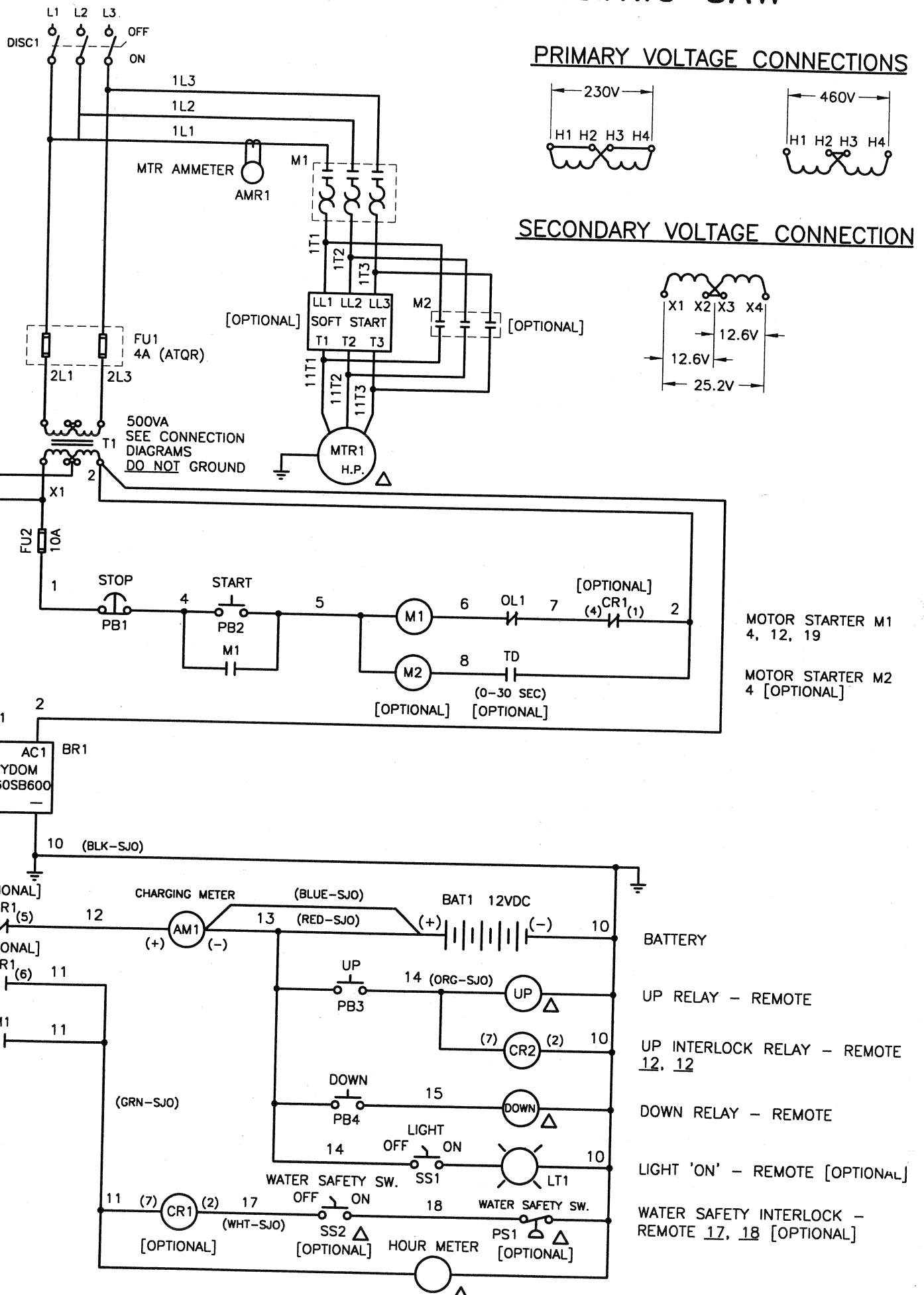
Wiring Diagram

35Hp / 65Hp Wisconsin Engine

(After 9-1-2000)

Diagram Number	Part No.	Qty. Req.	Description	Diagram Number	Part No.	Qty. Req.	Description
1	2800390	1	Engine Harness (Includes #35)	28	2800271	1	Volt Meter
2	2800391	1	Control Panel Harness (Includes #36)	29	2800064	1	Hour Meter
3	2800392	1	Relay Harness	30	2800168	1	Optional Tach/Hour Meter
4	2800393	1	Hydraulic Pump Harness		2800267	1	Light Bulb, Wedge Base
5	2800073	1	Battery Cable, Positive (Red)	31	2800169	1	Optional Magnetic Sensor (Includes #33)
6	2800072	1	Battery Cable, Negative (Black)	32	2800397	1	Optional Tach Sensor Harness
7	2800095	1	Solenoid Cable, Positive (Red)				(Includes #33 & #34)
8	2800182	1	Ground Cable, Negative (Black)	33	2800145	2	Optional Connector, 2 Wire Shroud
9	2700208	1	Battery, 12 Volt		2800114	4	Male Terminal, 14/16 Gage Wire
10	2600070	1	Hydraulic Pump Unit (Includes #11 and #12)		2800174	4	Cable Seal, Gray
11	2700169	1	Solenoid, Motor	34	2800146	2	Optional Connector, 2 Wire Tower
12	2700243	1	Valve Coil		2800115	4	Female Terminal, 14/16 Gage Wire
	2700244	1	Valve Stem		2800174	4	Cable Seal, Gray
13	2800372	1	Pushbutton Switch, Raise	35	2800110	1	Connector, 6 Wire Shroud
14	2800373	1	Pushbutton Switch, Lower		2800114	4	Male Terminal, 14/16 Gage Wire
15	2700205	1	Ignition Coil		2800112	2	Male Terminal, 12 Gage Wire
16	2701474	1	Distributor for 35HP Engine		2800174	4	Cable Seal, Gray
	2701475	1	Distributor for 65HP Engine		2800175	2	Cable Seal, Blue
17	2700299	1	High Temperature Safety Switch	36	2800111	1	Connector, 6 Wire Tower
18	2701634	1	Flywheel Alternator, 30 Amp		2800115	4	Female Terminal, 14/16 Gage Wire
19	2701023	1	Rectifier/Regulator Module		2800113	2	Female Terminal, 12 Gage Wire
20	2700247	1	Starting Motor (Includes #21)		2800174	4	Cable Seal, Gray
21	2700282	1	Solenoid Switch		2800175	2	Cable Seal, Blue
22	2800386	1	Vacuum Switch	37	2800062	3	Optional Toggle Switch
23	2500220	1	Ignition Switch		2800063	3	Switch Boot
24	2800387	1	Circuit Breaker, 25 Amp	38	2800060	1	Optional Water Pressure Safety Switch
	2800364	1	Circuit Breaker Boot, Red	39	2500194	1	Optional Spot Light, 12 Volt
25	2800144	1	Relay	40	2501087	1	Optional Magnetic Base Light, 12 Volt
	2800263	1	Relay Connector	41	2800374	1	Optional Power Outlet, 12 Volt
	2800264	4	Wire Terminal, 1/4" Push-on		2800375	1	Outlet Cap
26	2800213	1	Emergency Stop Button	42	2600200	1	Optional Water Pump, Diaphragm
	2800229	1	Contact Block N.C.	43	2701030	1	Anti-Diesel Solenoid Valve
27	2800388	1	Fuse Panel, 6 Circuit				for 65HP Engine Only
	2800389	6	Fuse, 10 Amp Red ATO/ATC				

WIRING DIAGRAM FOR ELECTRIC SAW



GOVERNOR SETTING

Wisconsin Engine Model V-465D 65 HP

GOVERNOR ADJUSTMENT (Fig. 16, Fig. 17) —The governor rod connection to the carburetor must be very carefully adjusted for length, otherwise the governor will not function properly and cause the engine to surge badly. With the engine at rest, the governor spring will keep the flyweights *in*, and the control rod must be of such length as to hold the carburetor throttle wide open at that point.

With the *control rod* disconnected from the *governor lever*, as illustrated in Fig. 16, push the rod toward the carburetor as far as it will go. This will put the *carburetor throttle lever* in a wide open position. The governor lever should then be moved as far as possible in the same direction. Holding both parts in the above position, the rod should be screwed in or out of the *swivel block* on the carburetor, until the bent end of the rod will register with *hole* in lever, then screw rod in one more turn. The extra turn will shorten the linkage slightly and will enable the carburetor throttle lever to bounce back from the stop pin rather than jam against the pin, when a load is suddenly applied to an idling engine. This will eliminate excessive wear on the threads in the carburetor throttle swivel block.

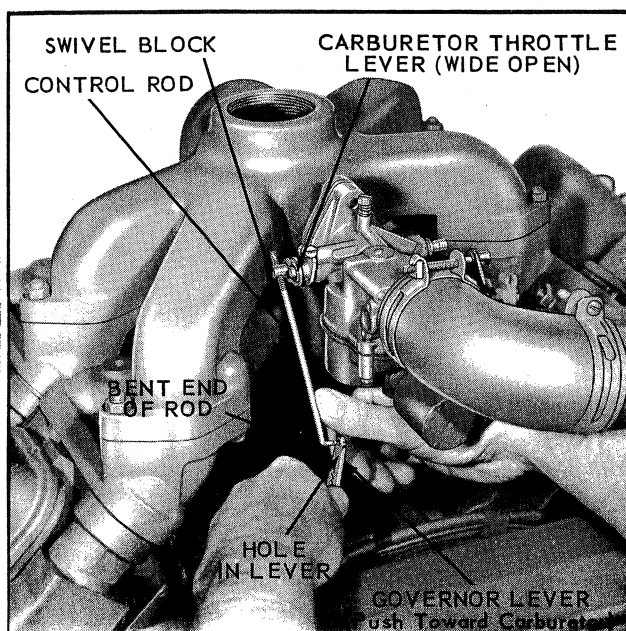


FIG. 16

Caution: Never run engine with governor disconnected.

GOVERNOR LEVER — The governor lever, Fig. 17, is furnished with 12 holes for attaching the governor spring. It is very important that the spring is hooked into the proper hole to suit the speed at which the engine is to be operated. The Governor Lever Chart shows the full load and no load speeds of the engine and the hole corresponding thereto, for either a fixed speed, a variable speed or two speed (over-center idle control) governor. Note that the *full load* speed is less than the *no load* speed and this must be taken into consideration when readjusting the governor. As an example; if the engine is to be operated at 2000 revolutions per minute under load, the spring should be hooked into the 6th hole in the governor lever and the spring tension adjusted, by means of the adjusting screw, to run 2200 R.P.M. under no load. The speed at full load will then be approximately 2000 revolutions per minute.

A tachometer or revolution counter should be used against the crankshaft to check speed while adjusting the governor spring tension. Tightening the adjusting screw locknut will give higher speeds, while loosening the locknut will lower the spring tension and reduce the R.P.M.

FULL LOAD R.P.M.	NO LOAD R.P.M.	HOLE NO.	GOVERNOR LEVER	HOLE NO.
1500	1685	3		12
1600	1825	4		11
1700	1855	4		10
1800	2000	5		9
1900	2055	5		8
2000	2200	6		7
2100	2230	6		6
2200	2375	7		5
2300	2440	7		4
2400	2545	8		3
2500	2695	9		2
2600	2745	9		1
2700	2810	9		
2800	2935	10		
2900	3065	11		
3000	3175	12		

TELEDYNE WISCONSIN MOTOR

MILWAUKEE, WISCONSIN 53219

FIG. 17

Blade / Engine Speed (RPM) Chart Model CC6065D (Single Speed Drive)

WARNING: Do not exceed Bladeshaft speed (RPM) shown for each blade size. Excessive Blade Speed could result in blade breakage and serious personal injury.

Cutting Depths	
Blade Size	Max Depth of Cut
14"	4-3/8"
20"	7-3/8"
26"	10-3/8"
30"	12-3/8"
36"	14-3/4"

Blade Size	Bladeshaft		Engine		Governor Setting
	No Load RPM	Sheave Size	No Load RPM	Sheave Size	
14"	3,000	4.12"	3,000	4.12"	10
20"	2,300	4.75"	3,000	3.65"	10
26"	1,925	4.75"	2,500	3.65"	8
30"	1,700	4.75"	2,200	3.65"	6
36"	1,450	4.75"	1,900	3.65"	4

CAUTION: When changing blade size, use chart shown below for selecting items that must be changed.

Model CC6065D	14"	20"	26"	30"	36"
Blade Guard Assembly	6010070	6010072	6010074	6010076	6010260
Engine Sheave, 2" Bore (Sheave Size)	6010514 (4.12")	6013009 (3.65")	6013009 (3.65")	6013009 (3.65")	6013009 (3.65")
Bladeshaft Sheave, 1-3/4" Bore (Sheave Size)	6010155 (4.12")	6014016 (4.75")	6014016 (4.75")	6014016 (4.75")	6014016 (4.75")
Inner Flanges (Flange Size)	6010255 (5")	6010255 (5")	6010255 (5")	6010255 (5")	6010038 (6")
Outer Flange (Flange Size)	6047907 (5")	6047907 (5")	6047907 (5")	6047907 (5")	6010039 (6")
Skid Plate Mounting Holes	Bottom Set	Bottom Set	Bottom Set	Bottom Set	Top Set

Options Available:

- #6011202 Water Pump Kit - includes 12 Volt Pump, Toggle Switch, Hose and Fittings.
- #6010112 Spotlight Kit - includes 12 Volt Light, Mounting Bar and Bracket, Lock Knobs, Toggle Switch.
- #2700143 Vertical Muffler Kit - includes Muffler, Clamp and Rain Cap.
- #6047932 Water Safety Switch Kit - includes Safety Shut-off Switch and Toggle Switch.
- #6010227 Lowering Speed Metering Valve Kit - includes Metering Valve, Check Valve, Hydraulic Hose & Fittings.
- #6011170 Magnetic Spotlight Kit - includes 12 Volt Light with Magnetic Base, Power Outlet, Toggle Switch.
- #6011171 Catalytic Converter Kit - includes Catalytic Muffler, Air Pump, Belts, Hoses, Mounting Brackets and Hardware.
- #6011185 Extended Bladeshaft Kit (3/4" to 1-1/2") - includes 5" Extended Outer Flange, Bolt, 20" Extra Wide Blade Guard.
- #6011186 Extended Bladeshaft Kit (1-1/2" to 2-1/4") - includes Shaft Extension, 5" Outer Flange, Nut, 20" Extra Wide Blade Guard.

Blade / Engine Speed (RPM) Chart Model CC6065DM (Multi-Speed Drive)

WARNING: Do not exceed Bladeshaft speed (RPM) shown for each blade size. Excessive Blade Speed could result in blade breakage and serious personal injury.

Cutting Depths		Blade Size	Bladeshaft		Jackshaft	Engine	Governor Setting	Belt Position
Blade Size	Max Depth of Cut		No Load RPM	Sheave Size	Sheave Size	No Load RPM		
20"	7-3/8"	20"	2,425	4.75"	4.00"	3,000	10	AWAY
26"	10-3/8"	26"	2,025	4.75"	4.00"	2,500	8	AWAY
30"	12-3/8"	30"	1,700	4.75"	4.00"	3,000	10	NEAR
36"	14-3/4"	36"	1,425	4.75"	4.00"	2,500	8	NEAR

CAUTION: When changing blade size, use chart shown below for selecting items that must be changed.

Model CC6065DM	20"	26"	30"	36"
Blade Guard Assembly	6010072	6010074	6010076	6010260
Inner Flanges (Flange Size)	6010255 (5")	6010255 (5")	6010255 (5")	6010038 (6")
Outer Flange (Flange Size)	6047907 (5")	6047907 (5")	6047907 (5")	6010039 (6")
Skid Plate Mounting Holes	Bottom Set	Bottom Set	Bottom Set	Top Set

Options Available:

- #6011202 Water Pump Kit - includes 12 Volt Pump, Toggle Switch, Hose and Fittings.
- #6010112 Spotlight Kit - includes 12 Volt Light, Mounting Bar and Bracket, Lock Knobs, Toggle Switch.
- #2700143 Vertical Muffler Kit - includes Muffler, Clamp and Rain Cap.
- #6047932 Water Safety Switch Kit - includes Safety Shut-off Switch and Toggle Switch.
- #6010227 Lowering Speed Metering Valve Kit - includes Metering Valve, Check Valve, Hydraulic Hose & Fittings.
- #6011170 Magnetic Spotlight Kit - includes 12 Volt Light with Magnetic Base, Power Outlet, Toggle Switch.
- #6011171 Catalytic Converter Kit - includes Catalytic Muffler, Air Pump, Belts, Hoses, Mounting Brackets and Hardware.
- #6011185 Extended Bladeshaft Kit (3/4" to 1-1/2") - includes 5" Extended Outer Flange, Bolt, 20" Extra Wide Blade Guard.
- #6011186 Extended Bladeshaft Kit (1-1/2" to 2-1/4") - includes Shaft Extension, 5" Outer Flange, Nut, 20" Extra Wide Blade Guard.

Blade / Engine Speed (RPM) Chart Model CC6040EDM Concrete Saw

WARNING: Do not exceed Bladeshaft speed (RPM) shown for each blade size. Excessive Blade Speed could result in blade breakage and serious personal injury.

Cutting Depths	
Blade Size	Max Depth of Cut
20"	7-3/8"
26"	10-3/8"
30"	12-3/8"
36"	14-3/4"

Blade Size	Bladeshaft		Motor	Jackshaft	Belt Position
	No Load RPM	Sheave Size	No Load RPM	Sheave Size	
20"	2,325	4.50"	1,800	4.00	NEAR
26"	2,025	4.75"	1,800	3.65"	NEAR
30"	1,675	4.50"	1,800	4.00"	AWAY
36"	1,450	4.75"	1,800	3.65"	AWAY

CAUTION: When changing blade size, use chart shown below for selecting items that must be changed.

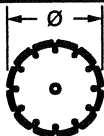
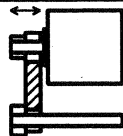
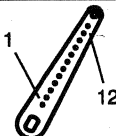
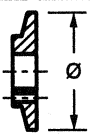
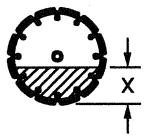
Model CC6040EDM	20"	26"	30"	36"
Blade Guard Assembly	6010072	6010074	6010076	6010260
Jackshaft Sheave, 2" Bore (Sheave Size)	6010153 (4.00")	6013009 (3.65")	6010153 (4.00")	6013009 (3.65")
Bladeshaft Sheave, 1-3/4" Bore (Sheave Size)	6010157 (4.50")	6014016 (4.75")	6010157 (4.50")	6014016 (4.75")
Inner Flanges (Flange Size)	6010255 (5")	6010255 (5")	6010255 (5")	6010038 (6")
Outer Flange (Flange Size)	6047907 (5")	6047907 (5")	6047907 (5")	6010039 (6")
Skid Plate Mounting Holes	Bottom Set	Bottom Set	Bottom Set	Top Set

Options Available:

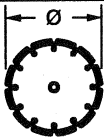
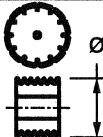
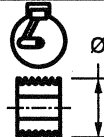
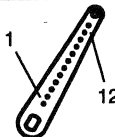
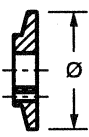
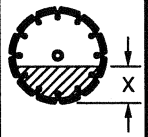
- 6011202 Water Pump Kit - includes 12 Volt Pump, Toggle Switch, Hose and Fittings.
- 6010112 Spotlight Kit - includes 12 Volt Light, Mounting Bar and Bracket, Lock Knobs, Toggle Switch.
- 6047932 Water Safety Switch Kit - includes Safety Shut-off Switch and Toggle Switch.
- 6010227 Lowering Speed Metering Valve Kit - includes Metering Valve, Check Valve, Hydraulic Hose & Fittings.
- 6010228 Soft Start Controller Kit - includes Controller Assembly Box and Wiring.
- 6011170 Magnetic Spotlight Kit - includes 12 Volt Light with Magnetic Base, Power Outlet, Toggle Switch.
- 6011185 Extended Bladeshaft Kit (3/4" to 1-1/2") - includes 5" Extended Outer Flange, Bolt, 20" Extra Wide Blade Guard.
- 6011186 Extended Bladeshaft Kit (1-1/2" to 2-1/4") - includes Shaft Extension, 5" Outer Flange, Nut, 20" Extra Wide Blade Guard.

⚠ WARNING: Do not exceed blade speed (RPM) shown for each blade size. Excessive blade speed could result in blade breakage and serious personal injury!

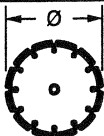
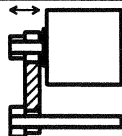
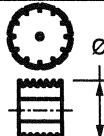
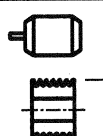
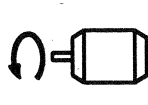
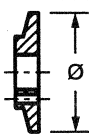
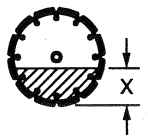
CC6065DM (MULTI-SPEED DRIVE) RPM CHART

BLADE SIZE	BLADE RPM	BELT POSITION	ENGINE RPM	GOVERNOR HOLE	FLANGE SIZE	MAX CUT DEPTH
20"	2,425	AWAY	3,000	10	5"	7-3/8"
26"	2,025	AWAY	2,500	8	5"	10-3/8"
30"	1,700	NEAR	3,000	10	5"	12-3/8"
36"	1,425	NEAR	2,500	8	6"	14-3/4"
						

CC6065D (SINGLE SPEED DRIVE) RPM CHART

BLADE SIZE	BLADE RPM	BLADESHAFT SHEAVE	ENGINE SHEAVE	ENGINE RPM	GOVERNOR HOLE	BELT SIZE	FLANGE SIZE	MAX CUT DEPTH
14"	3,000	4.12"	4.12"	3,000	10	3VX530	5"	4-3/8"
20"	2,300	4.75"	3.65"	3,000	10	3VX530	5"	7-3/8"
26"	1,925	4.75"	3.65"	2,500	8	3VX530	5"	10-3/8"
30"	1,700	4.75"	3.65"	2,200	6	3VX530	5"	12-3/8"
36"	1,450	4.75"	3.65"	1,900	4	3VX530	6"	14-3/4"
								

CC6040EDM (DUAL SPEED DRIVE) RPM CHART

BLADE SIZE	BLADE RPM	BELT POSITION	BLADESHAFT SHEAVE	JACKSHAFT SHEAVE	MOTOR RPM	FLANGE SIZE	MAX CUT DEPTH
20"	2,325	NEAR	4.50"	4.00"	1,800	5"	7-3/8"
30"	1,675	AWAY	4.50"	4.00"	1,800	5"	12-3/8"
26"	2,025	NEAR	4.75"	3.65"	1,800	5"	10-3/8"
36"	1,450	AWAY	4.75"	3.65"	1,800	6"	14-3/4"
							

EQUIPMENT AND PARTS WARRANTY

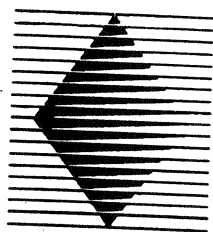
Diamond Products warrants all equipment manufactured by it against defects in workmanship or materials for a period of one (1) year from the date of shipment to Customer.

The responsibility of Diamond Products under this Warranty is limited to replacement or repair of defective parts at Diamond Products' Elyria, Ohio factory, or at a point designated by it, of such parts as shall appear to us upon inspection at such point, to have been defective in material or workmanship, with expense for transportation and labor borne by Customer.

In no event shall Diamond Products be liable for consequential or incidental damages arising out of the failure of any Product to operate properly.

Integral units such as engines, electric motors, batteries, transmissions, etc., are excluded from this Warranty and are subject to the prime manufacturer's warranty.

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