



! IMPORTANT !
-FOR YOUR SAFETY-
READ THIS MANUAL BEFORE
INSTALLING OR USING EQUIPMENT

OPERATION MANUAL



PDVS Wirefeeder

DRAWINGS & PARTS LISTS

Parts List For Figure 16, Case, CC/CV, Feeder Assembly

Item	Qty.	Part Number	Description
1	1	605100-010	Case, Feeder Assembly, PDVS
2	1	605100-011	Handle, Carrying
3	1	601100-002	Label, Warning
4	1	601100-003	Label, Arc Welding
5	1	605100-012	Potentiometer
6	1	605100-013	Switch, On - Off
7	1	605100-014	Panel, Control
8	2	605100-015	Plug, Hole
9	1	605100-016	Knob, Control
10	1	605100-017	Plug, Hole
11	2	605100-018	Plug, Hole
12	1	605100-019	Holder, Gun
13	1	605100-020	Clip, Battery
15	1	605100-021	Bushing, Terminal
16	1	605100-022	Bracket, Terminal
17	1	605100-023	Holder, In-Line Fuse
18	1	605100-024	Fuse, MDX, 5 Amp
19	1	605100-025	Plate, Mounting PC Board
20	1	605100-026	Grommet
21	1	605100-027	Rectifier, Silicon
22	1	605100-028	Board, PC Driver, Contactor
23	1	605100-029	Receptacle, Housing
24	8	605100-030	Support, Circuit Board
25	1	605100-031	Strip, Terminal
26	1	605100-032	Label, Terminal
27	1	605100-033	Receptacle, Housing
28	1	605100-034	Receptacle, Housing
29	1	605100-035	Board, PC Control, CC/CV
30	1	605100-036	Cover, PC Board
31	1	601109-005	Label, Electric Shock
32	1	601109-052	Label, Moving Parts
33	2	605100-037	Spacer
34	1	605100-038	Switch, Toggle
35	1	605100-039	Clamp Wire
36	1	605100-040	Label, Fuse
37	1	605100-041	Fuse, 1/8 Amp, Fast Blow
38	1	605100-042	Fuse, 6 Amp, Slow Blow
39	2	605100-043	Holder, Fuse
40	1	601109-053	Label, Caution

DRAWINGS & PARTS LISTS

Parts List For Figure 16, Case, CC/CV, Feeder Assembly

Item	Qty.	Part Number	Description
----	1	605100-044	Plate, Feedhead Assembly
41	1	605100-045	Motor, Gear, Permanent Magnet
42	1	605100-046	Plate, Mounting
43	1	605100-047	Ring, Snap
44	1	605100-048	Insulator, Feed Roll
45	Ref.	605100-049	Feed Roll
46	1	605100-050	Spacer, Feed Roll
47	1	Ref	Washer, FL. ST. 3/8
48	1	605100-051	Nut, 3/8 - 24, Hex Jam, ST.
49	1	605100-052	Plate, Feedhead
50	1	605100-053	Tube, Gas
51	1	605100-054	Screw, Gun Retaining
52	1	605100-055	Washer, Machine Bolt
53	1	605100-056	Insulator, Machine Screw
54	1	Ref	Screw, #8 - 32 X 3/8 Rd. Hd. MH. ST.
55	1	605100-057	Pin, Spring
56	Ref.	Ref	Guide, Wire
57	1	605100-058	Rod, Tension, Feed Roll
58	1	605100-059	Pin, Spring
59	2	Ref	Washer, FL. ST. 1/4
60	1	605100-060	Spring, Tension
61	1	605100-061	Nut, Wing
62	1	605100-062	Arm, Pressure
63	2	605100-063	Ring, Retaining
64	1	605100-064	Pin, Pressure Arm
65	2	605100-065	Ring, Retaining
66	2	605100-066	Washer, Flat
67	1	605100-067	Bearing, Ball, Upper Roll
68	1	605100-068	Shaft, Pressure Roll
69	3	605100-069	Insulator, Spacer
70	1	605100-070	Panel, Cover
71	1	605100-071	Hinge, Assembly
76	1	605109-001	Label, Chart, WFS
77	1	Ref	Screw, 3/8 - 16 X 3/4, HHC, ST.
78	1	605100-072	Spacer, Spool
79	1	605100-073	Nut, Hub, Wire Feeder
80	1	605100-074	Washer, ST.
81	1	605100-075	Spring, Compression
82	1	605100-076	Washer, Friction

DRAWINGS & PARTS LISTS

Parts List For Figure 16, Case, CC/CV, Feeder Assembly

Item	Qty.	Part Number	Description
83	1	605100-077	Hub, Wire Spool
84	1	605100-078	Shaft, Wire Spool
85	1	605100-079	Washer, Friction
86	1	605100-080	Spacer, Support
87	1	Ref	Washer, LK, ST, 1/2, Std.
88	1	Ref	Nut, 1/2 - 20, Hex, Jam, ST.
89	1	605100-081	Cover, Contactor
90	1	605100-082	Clip, Nylon
91	1	605100-083	Support, Wire Spool Assembly
92	1	605100-084	Contactor, 300 A
93	1	605100-085	Cable, Assembly 2/0
94	1	605100-086	Buss
95	1	605100-087	Block, Insulator
96	2	605100-088	Spacer
97	2	605100-089	Latch, Flexible
98	1	605100-090	Panel, Accessory
99	1	605100-091	Adapter, Gas R.H.
100	1	605100-092	Plug, Hole
101	2	605100-093	Elbow, Street 90°
102	1	605100-094	Valve, Gas
103	1	605100-095	Connector, Male
104	2	605100-096	Spacer
----	1	605100-097	Tube, Gas
----		605100-098	Brush & Spring (Von Weise or Stature Motor)
----		605100-099	Cap, Brushholder (Von Weise Motor)
----		605100-100	Cap, Brushholder (Stature Motor)

---- Not Illustrated

DRAWINGS & PARTS LISTS

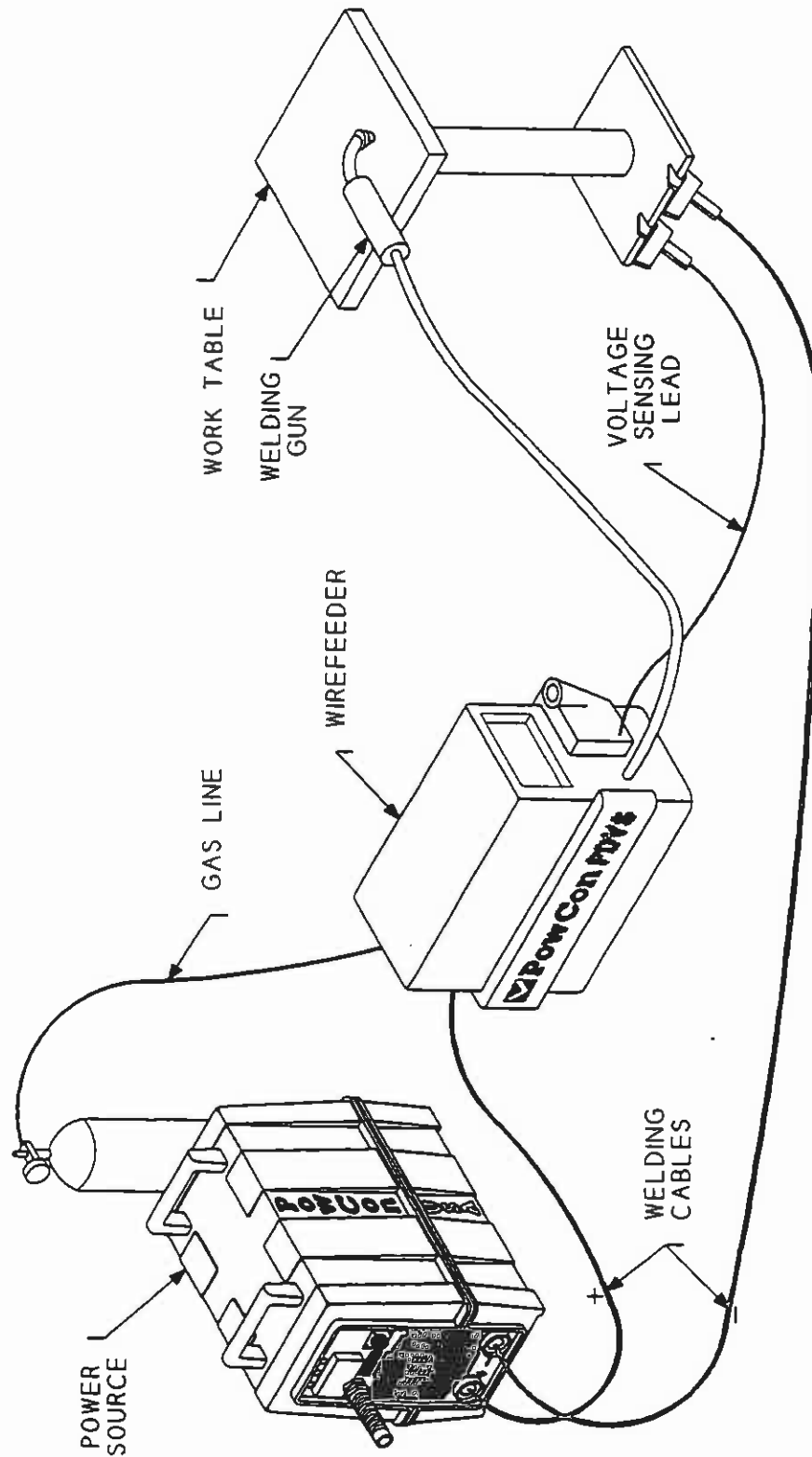


Figure 18, PDVS System Setup

