

Schematic

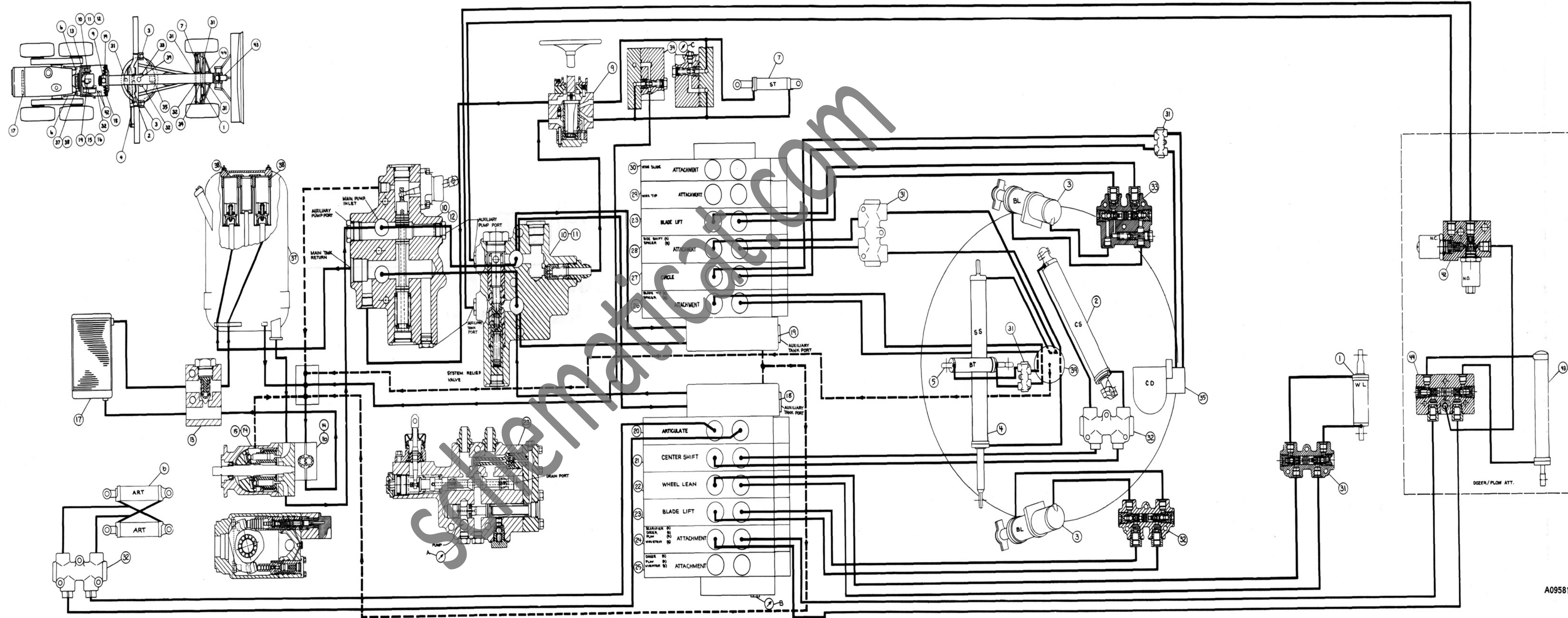
120G Motor Grader Hydraulic System

82V1-869
87V1-4689

schematic.com

1	CYLINDER FOR WHEEL LEAN
2	CYLINDER FOR CENTER SHIFT
3	CYLINDER FOR BLADE LIFT
4	CYLINDER FOR BLADE SIDE SHIFT
5	CYLINDER FOR BLADE TIP
6	CYLINDERS FOR ARTICULATION
7	CYLINDER FOR STEERING
9	METERING VALVE FOR STEERING (PUMP)
10	COMBINATION VALVE
11	RELIEF VALVE
12	UNLOADING VALVE
13	RELIEF VALVE FOR COOLER
14	IMPLEMENT PUMP
15	VARIABLE DISPLACEMENT PUMP
16	PUMP FOR COOLING
17	COOLER
18	CONTROL VALVE
19	CONTROL VALVE
20	VALVE FOR ARTICULATION
21	VALVE FOR CENTER SHIFT
22	VALVE FOR WHEEL LEAN
23	VALVE FOR BLADE LIFT
24	VALVE FOR ATTACHMENT
25	VALVE FOR ATTACHMENT
26	VALVE FOR BLADE TIP
27	VALVE FOR CIRCLE DRIVE
28	VALVE FOR ATTACHMENT
29	VALVE FOR ATTACHMENT
30	VALVE FOR ATTACHMENT
31	LOCK CHECK VALVE
32	LOCK CHECK VALVE (WITH CHOKE)
33	LOCK CHECK VALVE (WITH CHOKE & RELIEF)
34	RELIEF VALVE FOR STEERING
35	HYDRAULIC MOTOR FOR CIRCLE DRIVE
37	HYDRAULIC TANK
38	FILTERS
39	SWIVEL
42	PILOT VALVE
43	CYLINDER FOR DOZER OR PLOW
44	LOCK CHECK VALVE (WITH CHOKE)

CHART PRESSURE TAPS	
A	PUMP
B	IMPLEMENT LINE
C	STEERING RELIEF



A09581