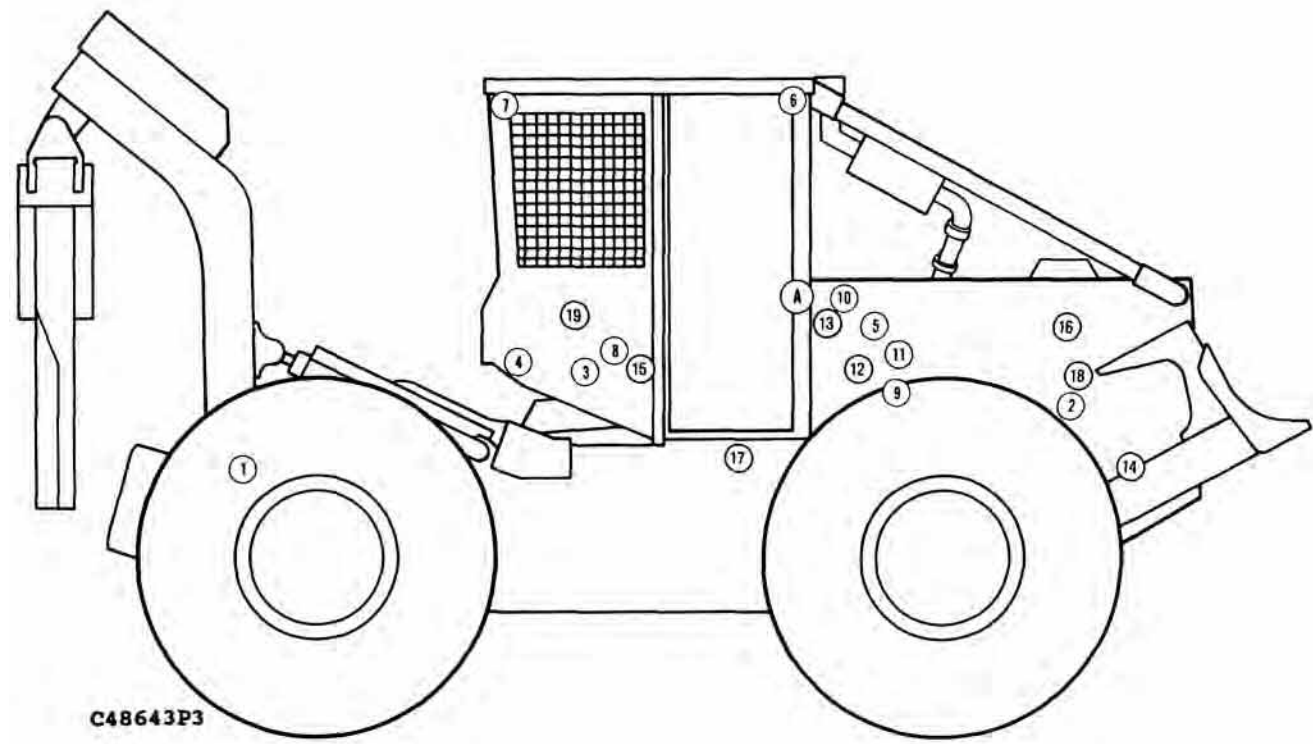
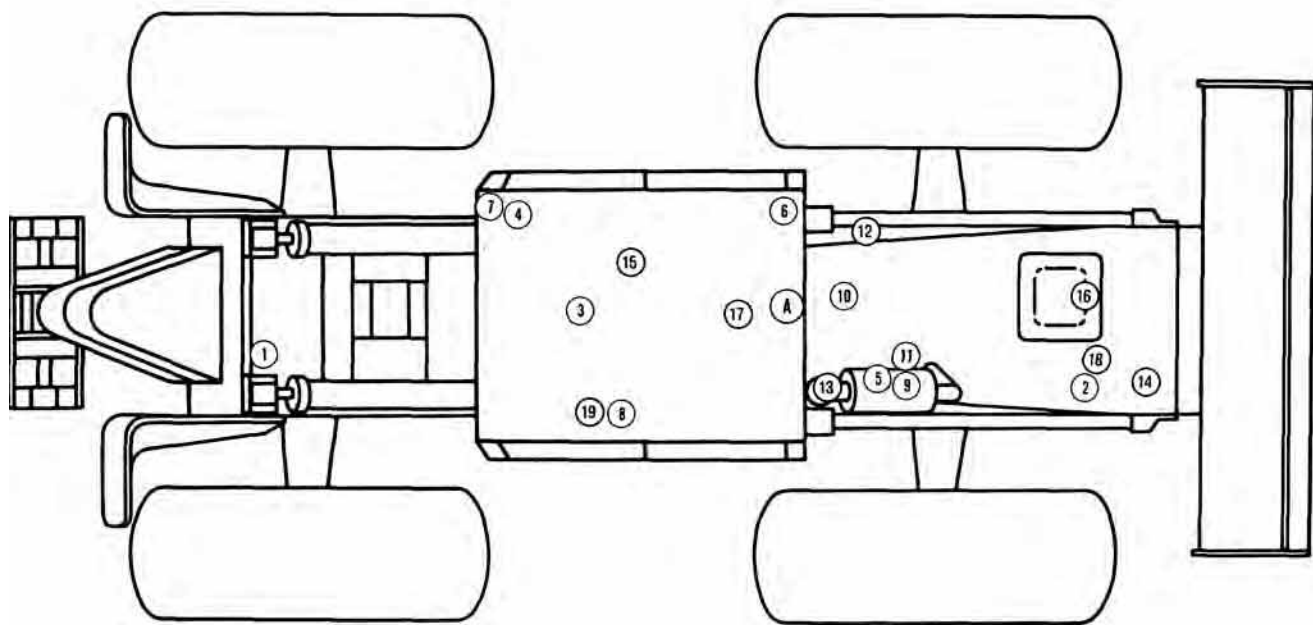


# Schematic

518 & 518 Series II Skidders  
518 & 518 Series II Grapple Skidders  
Electrical System

518 Skidder: 518 Series II Skidder:  
50S1-UP 94U2504-UP  
55U1-UP 95U3205-UP  
94U1-94U2503  
95U1-95U3204



C4864323

MACHINE COMPONENT LOCATIONS

COMPONENT LOCATION CHART					
Machine Location	Component	Schematic Location	Machine Location	Component	Schematic Location
1	Alarm - Backup	D-6	14	Switch - Air Pressure	B-6
2	Alternator	B-2	A1	Switch - Backup Alarm	E-7
A	Ammeter	C-5	15	Switch - Battery Disconnect	C-6
3	Batteries	D-8	4	Switch - Brake Travel Limit	C-3
A	Breaker - Light Circuit (15A)	E-5	16	Switch - Coolant Temp (St Aid)	E-2
A	Breaker - Main Circuit (40A)	D-4	17	Switch* - Dual HP	A-7
4	Dryer - Heater Air	B-7	A2	Switch - Eng Oil Press	B-6
5	Horn - Forward	A-3	18	Switch* - Eng Fuel Press	A-7
A	Meter - Service Hour	B-4	A	Switch - Ether Start Aid	E-4
6	Motor - Fan	F-5	A	Switch - Forward Horn	B-6
7	Motor - Fan	F-6	19	Switch - Heater Motor	A-5
8	Motor - Heater	A-4	A	Switch - Light	D-5
9	Motor - Starting	C-2	A2	Switch - Oil Press Test (Brake)	C-4
10	Motor - Washer Pump	C-4	A1	Switch* - Trans Neutralizer	F-2
A	Motor - Wiper	B-3	A	Switch - Start	E-5
11	Solenoid* - Dual HP	A-6	A	Switch - Supp Steering Flow	B-4
12	Solenoid* - Ether Start Aid	E-3	A	Switch - Wiper Motor	C-3
13	Solenoid* - Trans Neutralizer	F-2			

\* = Components found only on 518 Series II machines.  
A = Components located on the dash.  
A1 = Components located below the dash.  
A2 = Components located behind the dash.  
Machine locations are repeated for components located close together.



