



A70151X1

# Schematic

## D10 Tractor Electrical and Hydraulic System

84W1-UP

SYMBOL	DESCRIPTION
○	WIRE TERMINAL
●	SPLICE OR JUNCTION OF WIRES
+	CROSSING OF WIRES NOT CONNECTED
⊥	VISIBLE GROUNDING OF COMPONENTS
⊥	INTERNAL GROUNDING OF COMPONENTS

ABBREVIATION	COLOR
R	RED
W	WHITE
O	ORANGE
T	TAN
P	PINK
B	BLACK
PU	PURPLE
BR	BROWN
DK GR	DARK GREEN
DK BL	DARK BLUE
LT GR	LIGHT GREEN
LT BL	LIGHT BLUE
W/B	WHITE WITH BLACK
R/W	RED WITH WHITE
BR/W	BROWN WITH WHITE
R/B	RED WITH BLACK
DK BL/W	DARK BLUE WITH WHITE
LT GR/B	LIGHT GREEN WITH BLACK

NOTE A  
DO NOT ATTACH WIRE TO ALTERNATOR EXCEPT FOR ALTERNATOR TESTING UNTIL WET BATTERIES HAVE BEEN INSTALLED.

NOTE B  
RESILIENTLY MOUNTED OPERATOR'S MODULE, FUEL TANK, AND POWER TRAIN OIL TANK MUST BE GROUNDED.

STANDARD COMPONENTS	
NO.	COMPONENT
1	RIPPER LIFT CYLINDERS
2	RIPPER TIP CYLINDERS
3	DOZER LIFT CYLINDERS
4	DOZER TILT CYLINDER
5	PIN PULLER CYLINDER
6	PIN PULLER CONTROL VALVE
7	PUMP
8	RESTRICTOR VALVE
9	RIPPER TIP PILOT VALVE
10	RIPPER LIFT PILOT VALVE
11	DOZER TILT PILOT VALVE
12	RIPPER VALVE
13	DOZER LIFT AND TILT CONTROL VALVE
14	TANK GROUP
15	QUICK DROP VALVE
16	FAN DRIVE PUMP
17	FAN DRIVE MOTOR
18	COOLER ASSEMBLY
19	COOLER BYPASS VALVE

RELIEF VALVE SETTINGS	
TILT CIRCUIT	DOZER- RIPPER CIRCUIT
2600 + 75 or - 0 psi (17 690 + 520 or - 0 kPa)	2500 ± 50 psi (17 000 ± 345 kPa)
38 U. S. gpm (144 litre/min)	153 U.S. gpm (581 litre/min)

