I was having a very difficult time wiring my tractor, as most of the diagrams available do NOT show what terminals various wires go where! They do NOT mark the terminals in the other diagrams....

8N w/Front Mount Distributor (12 Volt Conversion)

R1 = Original Ignition Resistor
1.7 Ohms HOT 0.7 Ohms COLD
Use HOT Value in Calculation.

R2 = Additional or Replacement Ignition Resistor – Total Resistance of Coil plus all ignition resistors should be 3.6 to 4.0 Ohms.

DIODE
50-VOLT, 1.0-AMP

12-VOLT CONVERSION – FORD 8N
FRONT DISTRIBUTOR 1947 TO 1951
K. LaRue - Free of Charge - 2006
8N w/Side Mount Distributor (6 Volt)