

## ***Converting a 6V Ferguson tractor to 12V (using a 12 V Generator)***

1. Secure a 12V generator (Delco models 1100359, 1100362, 1100434, 1100435, 1100529, or 1100998 will fit and you can use the same mounting bracket).
2. It is best to replace the 6V coil with a 12V unit with a built-in resistor. An alternative is to continue to use the 6v coil and add a ballast resistor in the line from the ignition switch to the coil.
3. You will need a 12V battery. Ground it negatively.
4. Reverse the wires on the terminals of the ammeter.
5. It is not necessary to replace the starter with a 12V unit. Just don't crank the starter for long periods of time as it will heat up a bit sooner than a 12V unit will because of the extra voltage.
6. If you have lights you will need to change the lamps in the headlights and work light and the bulb in the taillight to 12V.
7. You should polarize the generator, particularly if it has been unused for a long period.

(Revised 9/19/10)