

- CRITICAL: YOU MUST READ THIS BEFORE YOU BEGIN -

ALL SYSTEMS MUST BE NEGATIVE GROUND

Just because your tractor or other application has a 12V battery, it doesn't necessarily mean that that is the way it is configured.

The Transdenser II is designed to be connected across the primary posts, using an internal ballast resistor 3 ohm coil. See [FIGURE A](#) on reverse.

Many 12V ignitions used a 6V 1.5 ohm coil in conjunction with a 1.5 ohm external ballast resistor. See [FIGURE B](#) and [FIGURE C](#) on reverse.

While [FIGURE B](#) is acceptable, it is inconvenient because of the lead lengths and terminations. Consider replacing the coil (Autozone LU800, other).

Another convenient way to handle this situation is to use a 6V Transdenser II as shown in [FIGURE C](#) on reverse.

All of these considerations only pertain to 12V ignition systems. 6V systems are always as shown in [FIGURE D](#) on reverse.

NOTE: External ballast resistors are often a ceramic block, but sometimes a resistance wire is used. See images below...



To be certain what you have, check as follows:

Disconnect all connections to the Negative primary post. Measure the resistance from Positive to Negative.

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