

TECHNICAL SERVICE BULLETIN

Bulletin # 5900-111612

As a safety measure, when the clamps aren't connected to a battery, they won't have voltage output between the positive and negative clamps. **THERE WILL BE NO VOLTAGE PRESENT AT THE CLAMP ENDS OF THE ATD-5900 UNTIL IT IS CONNECTED TO AN EXTERNAL BATTERY.**

There is a solenoid in line with the positive cable on this unit that detects as little as **6 volts** and opens the circuit to the positive cable end. It will detect the voltage of that external battery to judge if the connection is correct for a 12V battery. If so, the ATD5900 will be ready to work. If not, it won't work, until you hook the clamps correctly, or have at least **6 volts** present in your battery.

This voltage detection function is very important for safety purposes because there is no on/off switch on this unit. This feature is designed to prevent any possible damage, such as hooking it up backwards or having it connected to the wrong voltage battery.

Also as a reminder, if the clamps are connected incorrectly to a battery, the "wrong or reverse connection" LED will be on and the "Ready to Start" LED will NOT be on. This too is to remind the user that it will not work and to not to try to jump a car in such condition.

Thank you,

-Jon Lovetto

Customer Service / Parts Manager



ATD Tools, Inc.