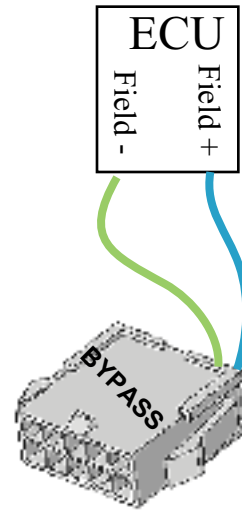


# Diagram #4013

On Chrysler vehicle's, the on-board computer, also known as Electronic Control Unit (ECU), serves as the alternator's regulator. Two wires run from the ECU and connect to the back of the alternator. In most cases, the wires are housed in a cable which terminates in either a molded plastic plug, or 2 ring terminals. When installing MOBI-ARC, disconnect the ECU wires from the alternator and connect the Field + and Field - wires to the Blue and Green wires coming from the BYPASS Plug provided with your kit. The BYPASS Plug will be connected to the 10-Pin wiring harness should the MOBI-ARC be removed from the charging circuit. Keep in mind that the original alternator output cable is removed and insulated, and the **YELLOW #4AWG cable is the only cable attached to the alternator output post.**



'91-'94 Vehicles may require a 5 ohm 15 watt resistor placed between the Field 1 & 2 wires coming from the ECU to extinguish the check engine warning light.

'95- present Vehicles may require the resistor detailed above, as well as a specific charge point module (CPM) to regulate the alternator at a voltage level where the computer will be happy. As the computer sets target voltage based upon several sources of feedback and is constantly adjusting target voltage, keeping the computer happy all the time is nearly impossible.

