



## SERVICE BULLETIN

**Subject:** Changes to the HEV MicroTurbine Power Supply Grounding

**Affected:** All HEV Systems

**Abstract:** The auxiliary 12 Vdc supply must not be grounded through the Capstone 12 V power connection components.

**Description:** Grounding the aux. 12Vdc power circuits through the 12V power supply connection on the Capstone connection can result in ground currents through the Capstone system resulting in control board failures.

### **Corrective Action:**

1. Remove the connection from TB-1, Pin 2 to the negative terminal of the auxiliary 12Vdc source (battery). Only connect the +12Vdc of the Aux. 12Vdc to TB-1, Pin 1.
2. Connect a #18 AWG wire from the DPC threaded ground stud to TB-1, Pin 2. This will be the only wire connected to TB1, Pin 2 (See diagram on page 2).

This change will take affect immediately to prevent grounding problems. If you have any questions on this matter, please contact any Capstone Customer Service Representative.

# SERVICE BULLETIN

The following diagram depicts the recent changes to HEV MicroTurbine 12Vdc power supply circuit.

