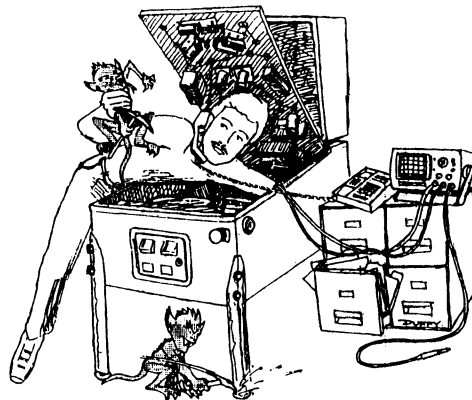


## Service Bulletin No. 55



Data East Pinball, Inc.  
1990 Janice Avenue  
Melrose Park, IL 60160  
Tel: 1-800-KICKERS or Tel: 708-345-7700  
Fax: 708-345-0010



# Technical Support

---

*Joe Blackwell, Technical Support Manager*  
*Eric Winston, Technical Support Engineer*  
*Jay Alfer, Technical Documentation Administrator*

TO: Service Managers

DATE: February 28, 1994

RE: **Jurassic Park, Last Action Hero and Tales From The Crypt, Game Resets**

**Symptom:** During game play the game will intermittently do a full reset, for no apparent reason.

**Problem:** There is a short to ground condition occurring to the 5 volt line, which affects the CPU, DISPLAY and SOUND Boards. What has been determined is, the grounded backplane (the metal plate in the backbox, which the PCB's are mounted to), in most cases has a bow. The bow is generally located to the right side of the backbox, behind the Sound Bd. @ CN2. CN2 is the voltage input for the Sound Bd. and carries the 5 volt buss throughout the game. What normally happens: vibrations/shaking occurs during game play and because of the bow in the backplane and the location of CN2, a short condition occurs @ CN2. Therefore, shorting 5 volts to ground (backplane), causing the reset condition.

**Solution 1:** Remove the PCB's from the backbox and remount the metal backplane, to alleviate the bow.

**Solution 2:** Remove the Sound Bd. and affix an insulating material to the backplane directly behind the Sound Bd. at CN2. Make sure the material to be used is non-conductive and will not be easily be perforated.