

Service Bulletin #177

November 29, 2011

## Multiple games

**Subject:** Boot-Up fix for the following games.

Big Buck Hunter, Iron Man, Avatar, Avatar L/E, The Rolling Stones, The Rolling Stones L/E, Tron, and Tron L/E.

**Symptom:** Upon power up, the game display and controlled lighting on the playfield are out. The game appears to be off having only the fluorescent light in the backbox and playfield general illumination lights on. Turning the game off and back on corrects the problem.

**Explanation:** The operating speed of the Flash IC used at location U44 on the CPU board changed from 110 nano seconds to 90 nano seconds. The change in speed occurred in 2010 when we began using a new source for the Flash IC.

**Solution:** Update your game's software with the following updates from our Game Code Library.

- Big Buck Hunter http://www.sternpinball.com/downloads/BBHenglish.zip
- Iron Man http://www.sternpinball.com/downloads/IM2english.zip
- Avatar http://www.sternpinball.com/downloads/AVenglish.zip
- Avatar L/E http://www.sternpinball.com/downloads/AV\_PRE\_english.zip
- The Rolling Stones http://www.sternpinball.com/downloads/RSenglish.zip
- The Rolling Stones L/E www.sternpinball.com/downloads/RS\_PRE\_english.zip
- Tron http://www.sternpinball.com/downloads/TRNenglish.zip
- Tron L/E http://www.sternpinball.com/downloads/TRN\_LE\_english.zip