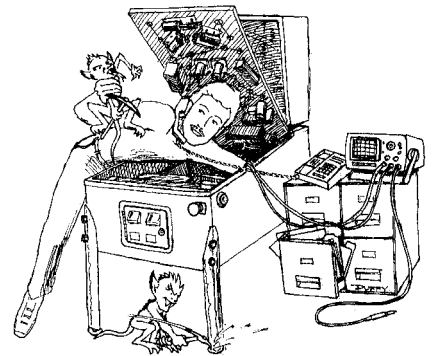




# Nº 120 SERVICE BULLETIN



Joe Blackwell Director, Parts Sales & Technical Support	Susan White Parts Sales Manager	Tashia Miles Customer Service Representative	Patty Schrap Parts Stockroom Manager	Jim Thornton Technical Support Engineer	Chas Siddiqi Technical Support Engineer	Jay Alter Technical Support Doc. Administrator
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**TO:** Parts & Service Managers

**DATE:** December 29, 2000

**SUBJ:** Sharkey's Shootout Mystery Ball Magnet Fuse Fatigue:  
CPU Software Code 2.04 Update

**Symptom:**

The Mystery Ball Magnet no longer grabs & holds the pinball.

**Problem:**

**F20, 4 Amp S.B. Fuse**, on the *I/O Power Driver Board* (in Backbox) or **4 Amp S.B. Fuse** (located under playfield) for the Mystery Ball Magnet **BLOWS** once a day, once a week or once a month; replace it and everything works fine.

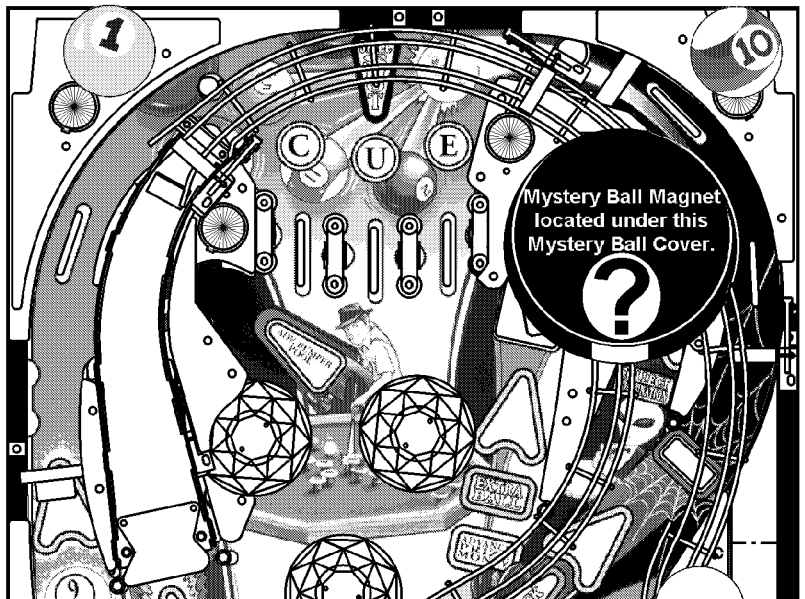
**Solution:**

Replace with new a **4A S.B. Fuse** (remove fatigued fuse) and install **CPU Code version 2.04**. To obtain this version, go to [www.SternPinball.com](http://www.SternPinball.com) and download it from the ROM Code Library.

**Explanation:**

We have found a software glitch that sometimes will turn the Mystery Ball Magnet on full grab at the end of it's routine for several seconds which can cause **Fuse F20** (I/O Power Driver Board) and the **Magnets' Under-Playfield Fuse (4A)** to fatigue and eventually fail. What causes it to do this is what we call Bog (loading down of the system due to many things going on). If while the magnet routine is running and the customer was repeatedly banging on the flipper buttons, this could create enough Bog for this glitch to occur (even this would be rare since the Magnet only grabs the pinball in Single Ball Play). It will not happen on it's own, only if the system is being bogged down.

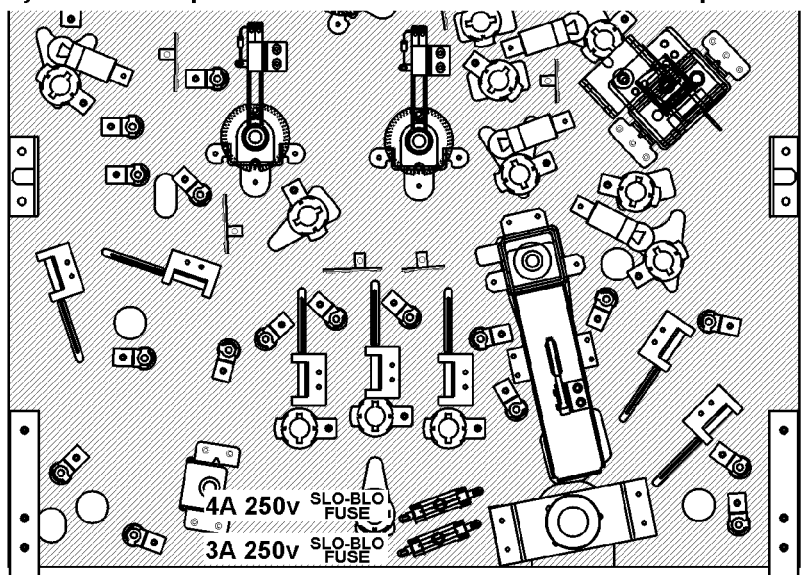
Please *phone* or *eMail* with any questions or comments at the below numbers or address.



## Sharkey's SHOOTOUT

Magnet Fuses under Playfield at the top center.

Playfield View is partial and shown as if in Cabinet in the Up Position



The 3A 250v SLO-BLO Fuse is for the Right Orbit Magnet.  
The 4A 250v SLO-BLO Fuse is for the Mystery Ball Magnet.

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