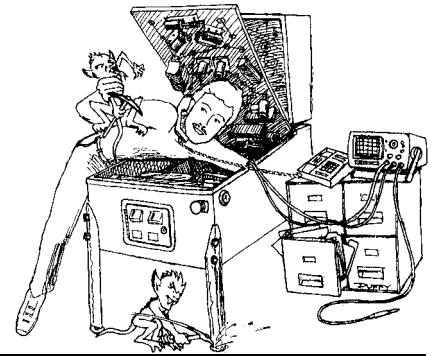




# Nº 139 SERVICE BULLETIN



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Technical Support Doc.  
Administrator

**TO:** Parts & Service Managers

**DATE:** May 16, 2003

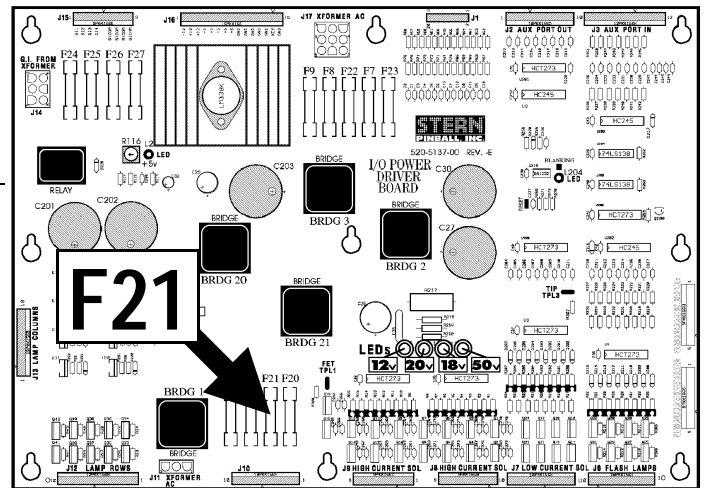
**SUBJ:** F21 (50vdc) Fuse Blows Intermittently, System Checks OK on



## Symptom:

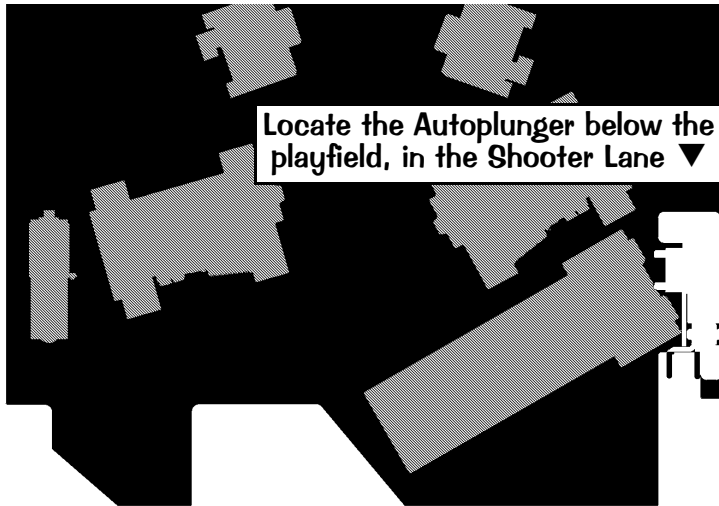
The game will not serve the ball into Shooter Lane. After checking the fuses on the I/O Power Driver Board, the F21 Fuse (3A 250v Slo-Blo) is found to be blown. The fuse is replaced and everything works properly until the fuse blows again within a period of 1 week to a month or more.

## I/O Power Driver Board ▼



## Explanation:

The type of coil used for the Autoplunger is a 23-700 (Coil #Q2). This is a relatively powerful coil and uses more current than most other coils on the playfield. In certain locations where line voltage is much higher than normal and you have skilled players that achieve many Multiball features the fuse can fatigue and blow.



Locate the Autoplunger below the playfield, in the Shooter Lane ▼

**AUTOPLUNGER**

**IF YOU DO NOT HAVE THE SYMPTOMS, THEN YOU WILL NOT REQUIRE THE COIL CHANGE.**

## Solution:

Replace the Autoplunger Coil with a 24-940 Type Coil (SPI Part Number 090-5036-00T). This coil has enough power to launch the ball into play, but will not fatigue or blow your fuse.

*Note: We have received calls on only a small % of games.*

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

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