



To : All Service Managers

From: DATA EAST Pinball Service

Problem: Potential Grounding Fault on "The Simpsons" Games Serial Numbers 31788 to 32212

We have installed a new power box (all Metal) in the Simpsons Pinball starting with Serial number 31788 . The initial games have possible ground fault problem due to the location of the Switch lugs. In these games there is the potential for the power lugs of the switch to make contact with the metal grounding strip on the service outlet. When this occurs the 120VAC is applied to the chassis ground of the machine. Should this occur, the location's circuit breaker or fuse should open when the game is plugged into a grounded outlet. If, however, the outlet is not grounded or the grounding prong on the plug is defeated, a potential shock hazard may occur.

To avoid this problem, starting with game Serial # 32212, we have rotated the ON-OFF switch 180 degrees to prevent the lugs from touching the metal on the Service Outlet (See Drawing). In addition, we are adding Heat Shrink tubing or electrical tape on the lugs as an additional precaution.

We strongly recommend, that if you have a Simpsons Game from Serial # 31788 to 32212, you rotate the switch as shown and add electrical tape to the switch lugs.

Before



Service
Outlet

Power
Switch

Add Heat-Shrink
tubing or electrical
tape to exposed lugs

After

