Coin Operated Games Division

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TO: All Distributors

Attention: Service Managers
Parts Managers
Sales Managers

There appears to be a misunderstanding as to the mini-track ball problem and its solution. First of all, the problem is a marginal optical coupler component on the mini-track ball PCB. The Atari solutions have been:

1. On the Logic PCB, the value of the input track ball resistors R83 to R86 and R130 to R133 were reduced from 10K ohms to 3.3k ohms.

2. The generation of an A-035220-02 version of the mini-track ball PCB. This is a selected PCB to be used with the Centipede games using Rev A through Rev F Logic PCB's.

3. The manufacturing of a Rev G logic PCB which can be used with either -01 or -02 versions of the mini-track ball PCB's.

NOTE: In order for the -02 versions to function properly, make certain the input track ball resistors on the logic PCB's are 3.3k ohms. Some older games may still have the 10k ohm resistors.

Some individuals in the field are changing the input track ball resistor values to match the mini-track ball PCB. This may be a temporary fix for the specific track ball PCB being used. However, if a -02 version is later used, the input track ball resistors on the logic board should be changed to 3.3k ohms.

Any comment or questions on this matter will be greatly appreciated. Please contact your Atari Regional Manager.

Thank You,

Atari Field Service