

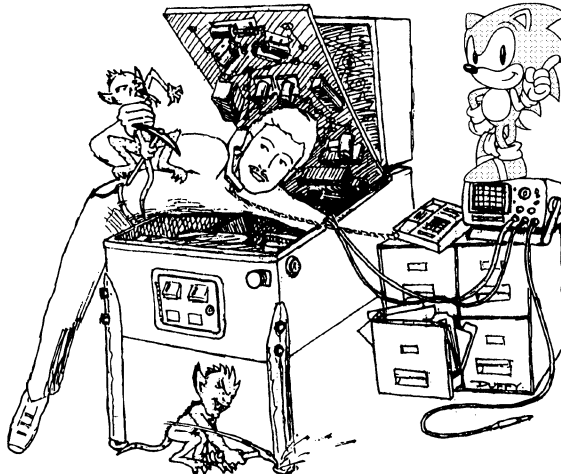
# Service Bulletin Nº 69



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## Technical Support

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**TO:** Parts & Service Managers

**DATE:** February 14, 1995

**RE:**  **SOFTWARE CHANGE NOTICE**

The following are the software changes from **CPU** release ver 4.02, with the latest corrections in **CPU** ver 4.04, and **DISPLAY** ver 4.01.

Note: Both versions must be used as a matched set to ensure compatability. Keep this document to reference by.

**\* \* For those Distributors receiving updates on Diskettes. \* \***

Please make note of the following:

ALL UPDATE CODE IS ZIPPED IN A SELF EXTRACTING FILE. COPY THE (xxxx.EXE) FILE TO YOUR HARD DISK IN A SUB-DIRECTORY OF YOUR CHOICE. (SUGGEST AT THE ROOT DIRECTORY, MAKE A DIRECTORY (MD) CALLED **MAV\_CODE**.) SAVE FLOPPY. TYPE THE (xxxx.EXE) FILE NAME AND IT WILL SELF EXTRACT.

Version: 4.02 Release Date November 18, 1994

\* 2 balls locked, start Lauren Belle, shoot left orbit into Lauren Belle Bug. DID NOT RELEASE BALLS FROM BOAT DURING BALL SEARCH.

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Version:4.03 Release Date December 2, 1994

\* Tilt on ball 1 with ball in shooter lane bug. IF THE TILT SWITCH WAS FIRST SWITCH CLOSED. WHEN THE BALL WAS ON THE SHOOTER LANE SWITCH AT THE START OF THE FIRST BALL OF THE GAME (ie multi player game, 1st ball of player 1). THE GAME WOULD CONTINUOUSLY GIVE THE PLAYER AN UNLIMITED NUMBER OF BALLS. THEREFORE THE GAME WOULD NEVER END.

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*Continued on the next page.*

Checksums:

mavcpua.404 - 8fff	mavcpug.404 - 8eff	mavcpuf.404 - 90ff	mavcpub.404 - 8fff
mavcpuh.404 - 8fff	mavcpus.404 - 90ff	mavcpuj.404 - 90ff	mavcput.404 - 90ff
mavcpud.404 - 8fff	mavcpue.404 - 90ff	mavcpuc.404 - 8fff	

\* Multi-ball going back to 1 ball play while a ball is passing thru the lock area bug.  
THIS OCCURS WHEN BALLS ARE DRAINING AND A BALL PASSES THROUGH THE LOCK OPTO'S.

\* Balls entering the boat after 1 ball has been lost bug

IF THE PADDLE WHEEL ENTRANCE OPTO IS NOT WORKING PROPERLY AND 2 BALLS ARE LOCKED IN THE BOAT A 3rd BALL GOES IN THE BOAT (when a ball is lost). BALL SEARCH OCCURS AND WILL CYCLE 3 TIMES, ON THE 4th CYCLE A BALL IS RELEASED FROM THE BOAT. WHEN A BALL GETS INTO THE BOAT AGAIN AND IS NOT DETECTED BY THE ENTRANCE OPTO. NO FURTHER BALL SEARCH'S WILL OCCUR. RENDERING THE GAME IN OPERABLE. THE GAME MUST BE RESET (for temp fix), FIND THE MISSING BALL AND FIX THE ENTRANCE OPTO.

MAVERICK DISPLAY VERSION 4.01

mavdsar0.401 USA display A4.01, rom 0, checksum: 9F9C  
mavdsar3.401 USA display A4.01, rom 3, checksum: 4460

mavdsgr0.401 GERMAN display G4.01, rom 0, checksum: 9609  
mavdsgr3.401 GERMAN display G4.01, rom 3, checksum: 2603

mavdsfr0.401 FRENCH display F4.01, rom 0, checksum: A8B0  
mavdsfr3.401 FRENCH display F4.01, rom 3, checksum: 11E5

mavdslr0.401 SPANISH display L4.01, rom 0, checksum: 0EF4  
mavdslr3.401 SPANISH display L4.01, rom 3, checksum: 647A

mavdsir0.401 ITALIAN display I4.01, rom 0, checksum: E1C4  
mavdsir3.401 ITALIAN display I4.01, rom 3, checksum: 0838

**NOTE:**

**THE DISPLAY ROMS ARE NOW 120ns (DO NOT USE 150ns) THE DISPLAY CONTROLLER NOW USES TWO 4 MEG EPROMS. THE LOCATIONS ARE ROM 0 AND ROM 3.**

If you have any questions or experience any problems, please call our Technical Support Department.