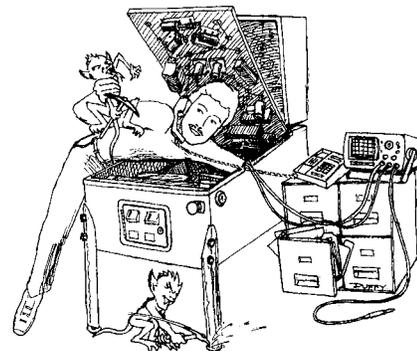




Nº 153 Service Bulletin



Joe Blackwell Director, Parts Sales & Technical Support	Patty Schraps Parts Sales Manager	Dorothy Brown Parts Sales Representative	Chas Siddiqi Technical Support Engineer	Patrick Powers Technical Support Engineer	J. Alfer Technical Support Doc. Administrator
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TO: Parts & Service Managers

DATE: December 15, 2004

SUBJ: Ripley's Believe It or Not! Pinball
Software Update

Symptom

The ball is shot into the "Vari-Target Assembly" to visit various continents. The first continent selected is "Asia." As soon as this mode begins, the game crashes/resets (reference **Fig. 1** for playfield location).

Problem

In the **Installs Menu** (see **Fig. 2**), if the "X.HD" (Install Extra Hard) icon was selected, the symptom will occur (or via the **Adjustments Menu** (see **Fig. 3**), if Feature Adjustment 13 was changed to 31 or greater).

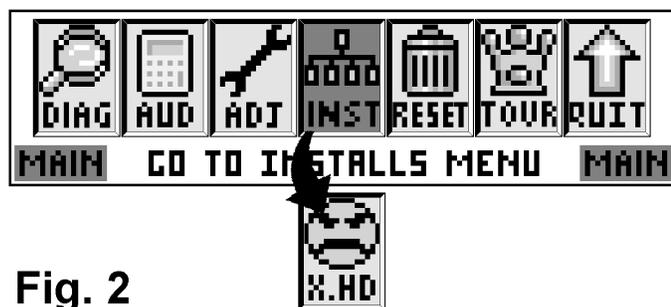


Fig. 2

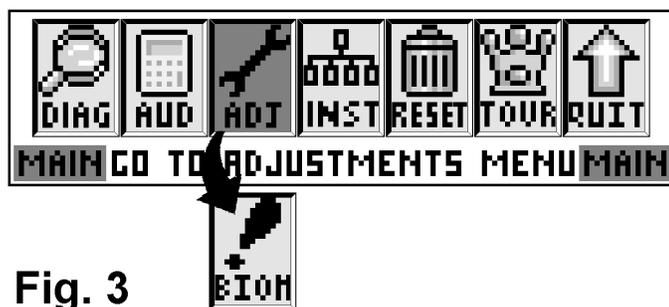


Fig. 3

Solution

Update the Game ROM at location **U210** on the CPU/Sound Board to version **3.10** (see **Fig. 4**). This version corrects the "Install Extra Hard" bug and also includes the following corrections:

- Modified Flipper EOS Timing to be compatible with newer games.
- Improved broken Shruken Head compensation.
- Improvements to ToPS (Tournament Pinball System).
- Removed erroneous broken switch messages from Technician Alerts.

*In the meantime, check Feature Adjustment 13 to ensure the setting is **30 or lower**, until the updated CPU ROM is installed. **Quick Fix:** Select the "FACT" (Install Normal) or "HARD" (Install Hard) Icons in the **Installs Menu** (reference your Ripley's Service Game Manual, Section 3, Chapter 5, Go To Installs Menu).*

• 2020 Janice Ave • Melrose Park, IL 60160 • Tel 708-345-7700 (Option 1) • Toll-Free (USA/Canada) 1-800-542-5377 • Fax 708-345-7889 •

Note: You can verify your CPU GAME and DISPLAY EPROM versions by the label on the individual EPROM and/or on the Dot Matrix Display upon Power-Up while holding the Right Flipper Button in.

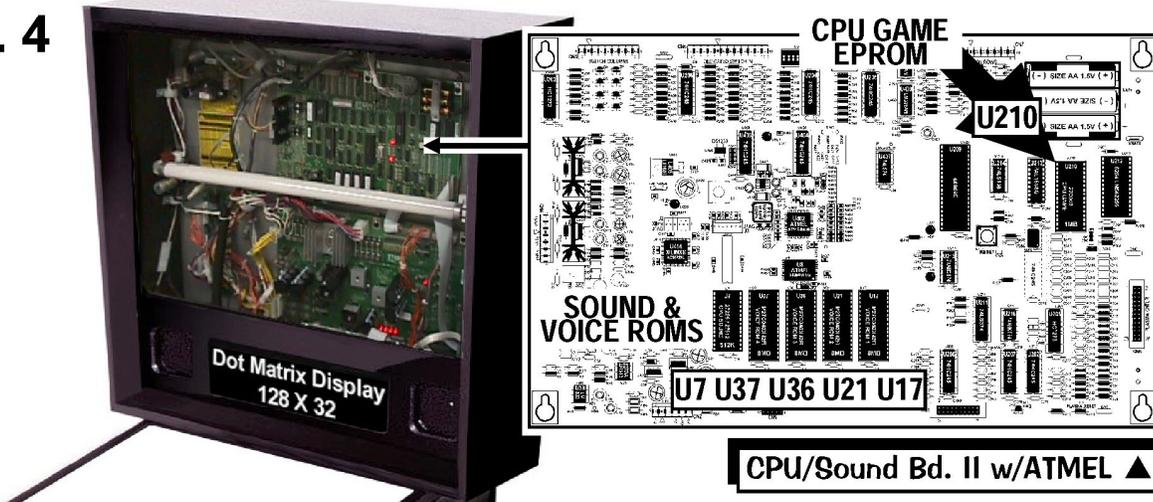


▶▶▶▶ CAUTION! WHEN REPLACING EPROMS : ◀◀◀◀

! Always POWER THE GAME OFF when servicing your Pinball Game! TAKE CARE when removing EPROMS. Ensure tool used is between the ROM and the socket (not the socket & PC Board). **Damage will occur to the board & socket!** When replacing, ensure all the pins are lined up properly before pushing them down. Double check to ensure each ROM is seated properly, with the notch side lined up in the same direction as the other ICs on the board.



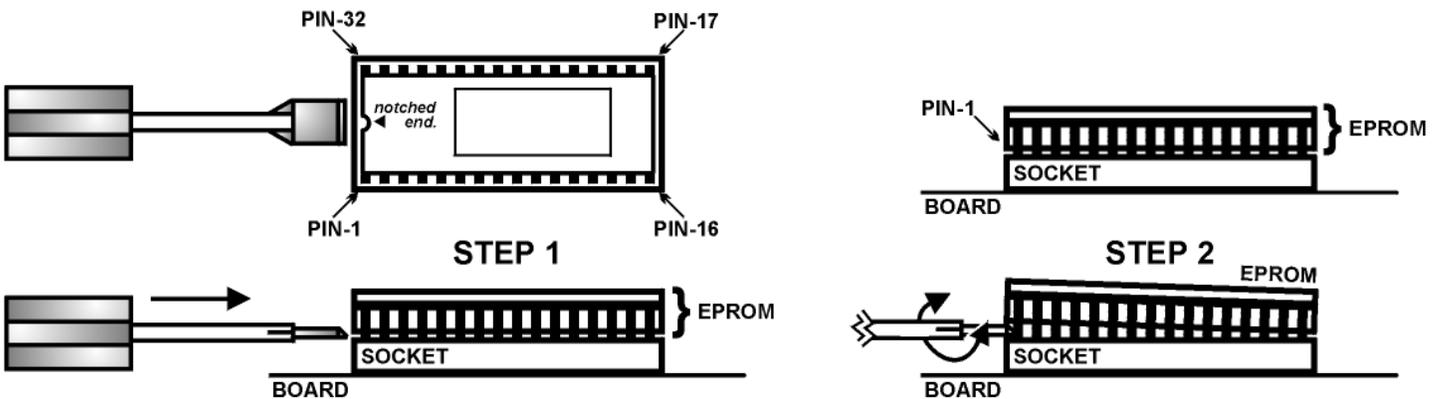
Fig. 4



EPROM Removal

EPROM TOP VIEW

EPROM SIDE VIEW



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