

# Service Bulletin N° 68

# SEGA™

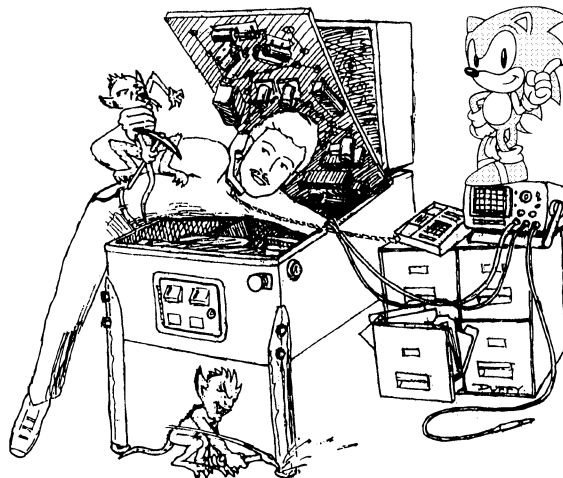
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## Technical Support

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**TO:** Parts & Service Managers

**DATE:** January 27, 1995

**RE:** **A New Service Feature: Bi-Directional Audits / Adjustments and Diagnostics**

At this time Sega Pinball, Inc. would like to introduce a new feature, which has been requested by our customers: Bi-Directional Audits / Adjustments and Diagnostics.

It is now implemented into our Pinball System starting with our game ***Mary Shelley's Frankenstein***. If you are using any of the service features and the one wanted is passed up, at the touch of a button, the system is now capable to go in reverse back to the service feature missed (i.e. - Adj. 15 is needed, but it was passed up, one may now quickly "go back" to Adj. 15 instead of having to cycle completely through the rest of the adjustments and audits, etc. and then re-entering Adjustments to reach Adj. 15).

The two (2) Service Switches (buttons) are located on the left hand inside of the coin door when its open. The Green Button is the Forward (Up Position) / Reverse (Down Position) and the Black Button is the **STEP**.

### PROCEDURE:

#### Audits & Adjustments:

To enter Audits or Adjustments, simply depress the green button so it is in the forward (Up) position. You will notice this switch is dual position (Up or Down).

Press the **STEP Button** (Black), you are now at the beginning of the Audits table.

If the desired Audit, Au. 17 is passed, and you are now at Au. 21 simply press the Forward / Reverse Button (Green) to lock it in the reverse (Down) Position.

Press the **STEP Button** (Black), now the Audits will reverse to the prior audit or until the desired audit is reached.

Depress the Forward / Reverse Button (Up) again to continue forward.

**Diagnostics:** (continued on the next page)

## **Diagnostics:**

Depress the Forward / Reverse Button to lock it (Down).

Press the **STEP Button** to advance into the Diagnostics (e.g. for the SwitchTest).

To reverse Diagnostics and to go back from the Switch Test, depress Forward / Reverse (Up) Position.

Press the **STEP Button** to reverse Diagnostics to reach the desired Diagnostic Function needed.

The Sega Pinball System provides, Audits / Adjustments and Diagnostic Test Routine(s) in all Pinball Games manufactured.

These functions allow the operator at the push of a couple of buttons (using Audits) to monitor game performance such as earnings, replay percentage, ball time and game difficulty etc..

If an Adjustment is needed to reduce the Replay Levels, because the Replay Percentage is very high, an operator can make a simple adjustment to the Replay Levels and compensate for the Audit. The Diagnostics Functions allows the operator to perform a number of essential test routines such as Display, Switch, Lamps, Coils and others.

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