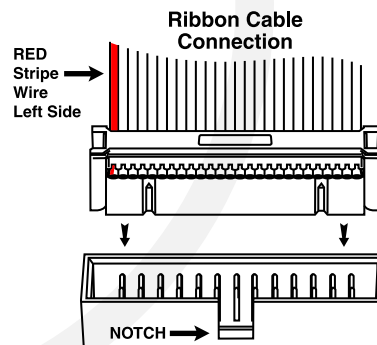# Installation

XP-WMS12232

— **Installation Time:** About 20 minutes

— **Tools Required:** 1/4" Nut-driver, Phillips screwdriver

1. Unplug the AC power from your pinball machine. Remove game backglass. Unplug all display board connecting cables and remove the original display driver board.

2. If the game is manufactured by Data East, make sure to place the jumper indicated on the display board.

3. Replace the display with your new **XPin™** XP-WMS12232 display.
   NOTE: It has been seen that the listed games have as many as 5 different mounting methods to the speaker panels of the Williams games or the head back board of the Data East games. If your mounting hardware is not suitable or missing, please check out the Accessories page to see if we have a kit available.

4. Connect all cables leading from the head to the display board.

5. It is recommended that you remove the High Voltage fuse from your power supply, as it is no longer needed.

6. If not already in place, attach the Foam Light-Blocks on their respective LED displays.

7. The optional grey vinyl is easily installed at this time.

8. Connect the cables.

9. Double-check all connections, plug in the machine, and turn the game on. The LEDs will light up. Pressing the **TEST** pushbutton on the XP-WMS12232 board will illuminate all segments of all displays. This indicates that all boards and cables in the **XPin™** System are operating correctly. Use the thumbwheel **BRIGHTNESS** control on the board to set your preferred illumination level.

10. PLAY PINBALL! You'll enjoy your **XPin™** displays for years to come!

Ribbon Cable Connection

RED Stripe Wire Left Side

NOTCH →

EVOLUTION EVOLVED.

Installation