



SWTR-5LE

For Stern Games

Open the backbox (the key usually hangs inside the coin door) and remove the fluorescent tube. Then remove the speaker panel and place it on the base cabinet, a towel for padding is recommended.

Remove the 4-inch speakers and un-plug them at the 2 pin connector. Install the new speakers using the new screws and nylon spacers below the speaker flange for support. Replace any ground wires. Note: the speakers will not sound proper until installed on the speaker panel, DO NOT test in free air.

Install the L-Pad control on the right side of the cabinet below the florescent tube and above the speaker panel using two Philips head screws provided, if you are using an LED panel, mount it low enough as to not interfere with the light panel.

Unplug the speaker connector from the sound board and plug the wire with the plug from the L-Pad into it. You can leave the old wiring in place. Connect the 4 pin (SWTR-4) or 5 pin (STWR-4A) plug onto the sound board. Observe the locking tabs for proper connection. Route the long wire into the base cabinet for the subwoofer and connect the lighter gauge speaker wires to the backbox speakers. The longer of the two goes to the left speaker. Reinstall the speaker panel only.

Remove the lock down bar and glass. Remove the pinballs and tilt up your playfield. Carefully remove the speaker wires from your factory woofer. Desolder, or clip.

Next install the crossover circuit board included in the kit to the floor or the pinball cabinet within 10" of the subwoofer terminals using the 2 screws provided. Plug the leads from the backbox onto the supplied board. The red lead goes on the lug marked +. Black to the "-". Then connect the 12" wire from the supplied board to the factory woofer. The red wire to positive and the black to negative.

Close up the base cabinet and turn on the game. Adjust the volume of the game up from were you normally used it and turn down the backbox speakers for a moderate volume. The sound from the base cabinet speaker is adjusted with the master volume control on the coin door and then reducing the backbox level with the L-Pad to balance the sound. Once you achieve a satisfactory balance between the base cabinet and backbox, the coin door control is used to set the overall volume up or down for daily play. If the cover glass rattles with the bass, anti rattle tape is available at www.pinballpro.com part number AR-1.

Re-install the florescent tube and close the backbox with the glass and re-check the sound balance. A small adjustment may be necessary with all the covers in place.