

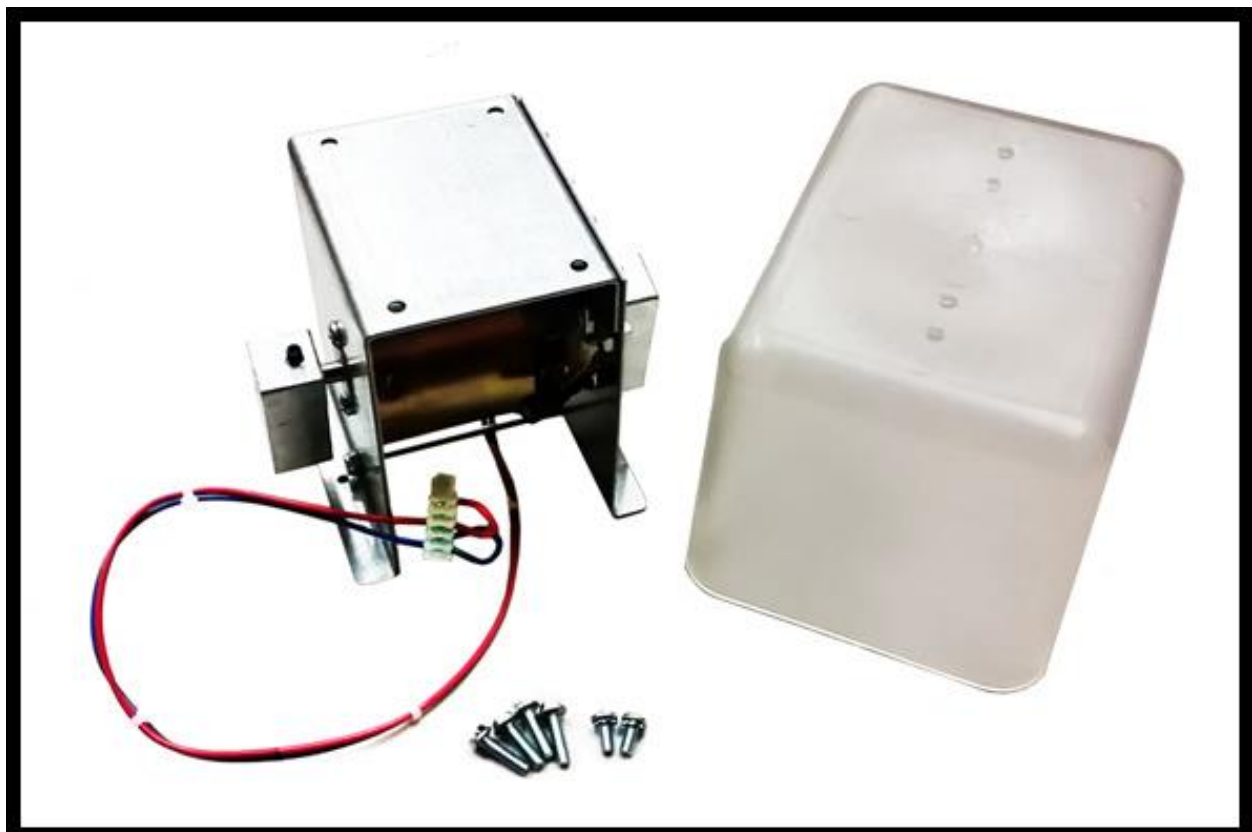
Shaker Motor Kit for Stern SPIKE Pinball Machines

Kit Contents:

- Shaker Motor Assembly
 - Includes mounting bracket and attached wiring harness
- Hard Plastic Cover
- Mounting Hardware
 - 4x #10 Hex Screws
 - 2x #10 Pan Head Screws
- Instruction Sheet

Tools Needed for Installation:

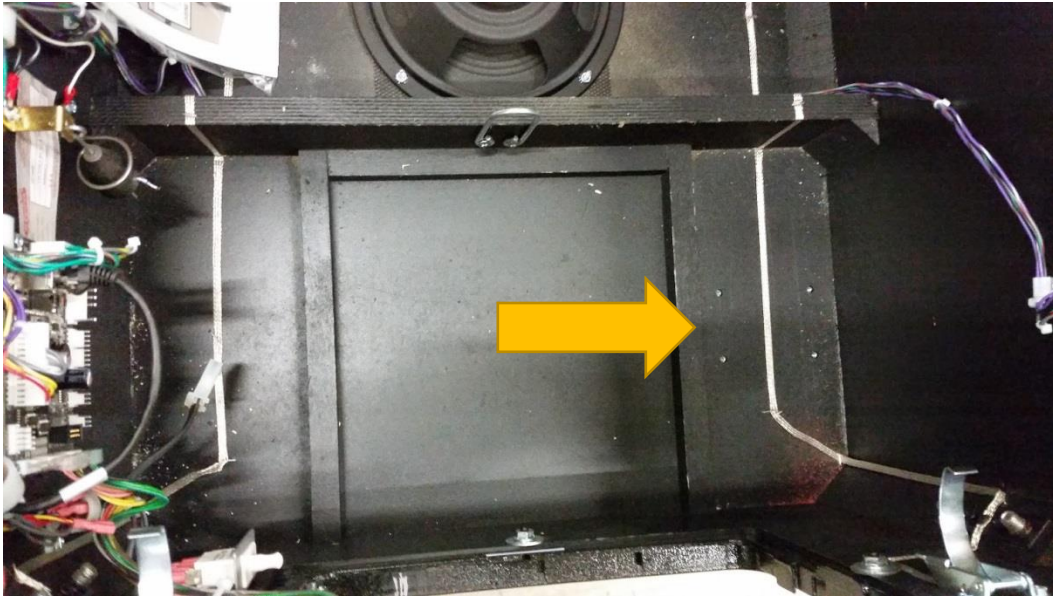
- Phillips Screwdriver
- ¼ inch nut driver



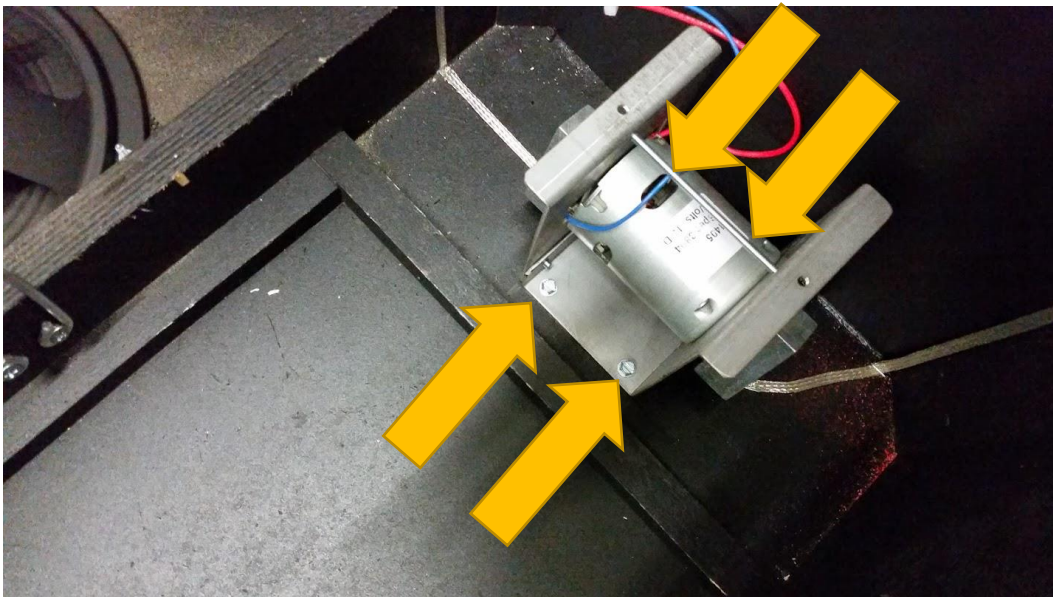
Installation Steps:

Ensure all power is off on the machine before performing any task

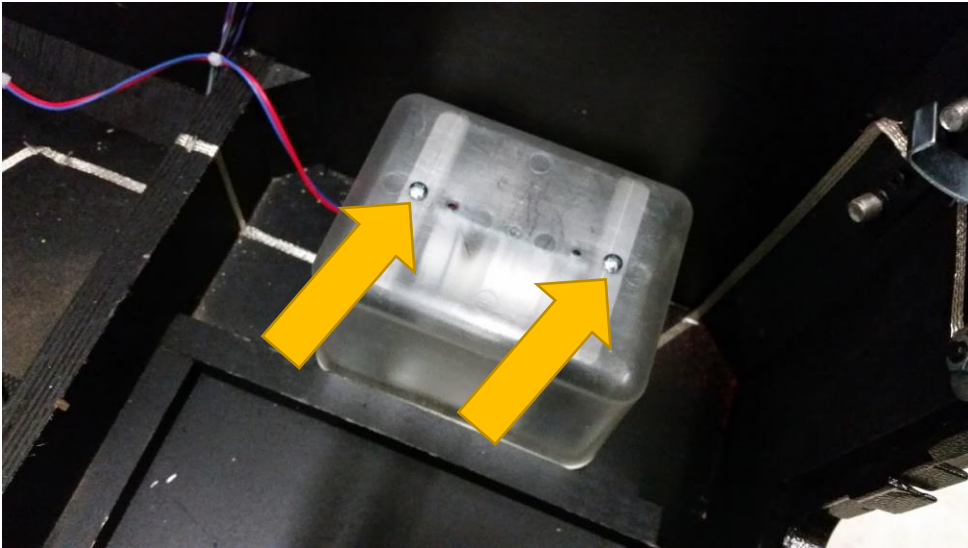
1. Open machine, lift the playfield, and remove the coin box
2. Locate the 4 threaded holes in the bottom of the cabinet to the right of the coin box area. See below image for the mounting location.



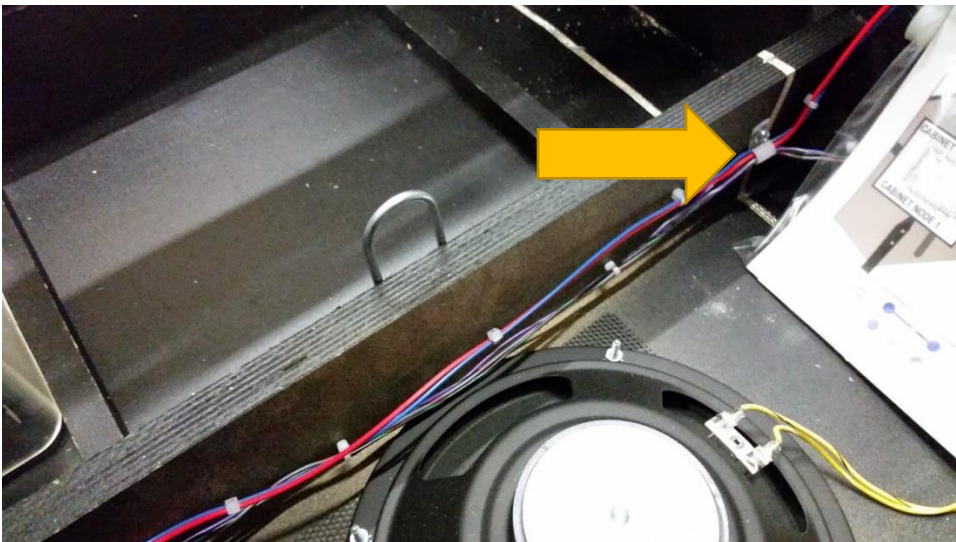
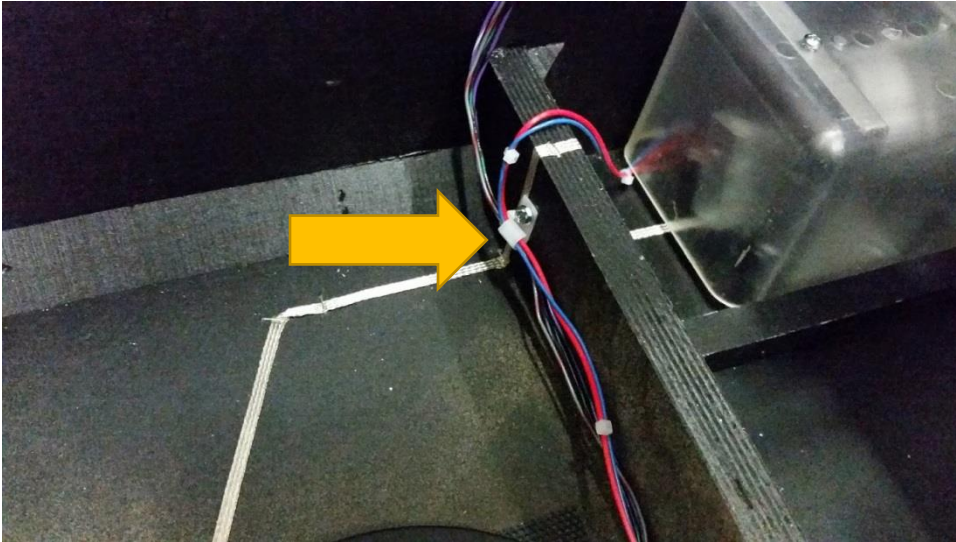
3. Align the Shaker Motor Assembly to these 4 holes and secure the motor with the 4 hex head machine screws provided in the kit. Make sure that the wire harness is facing toward the outside of the cabinet.

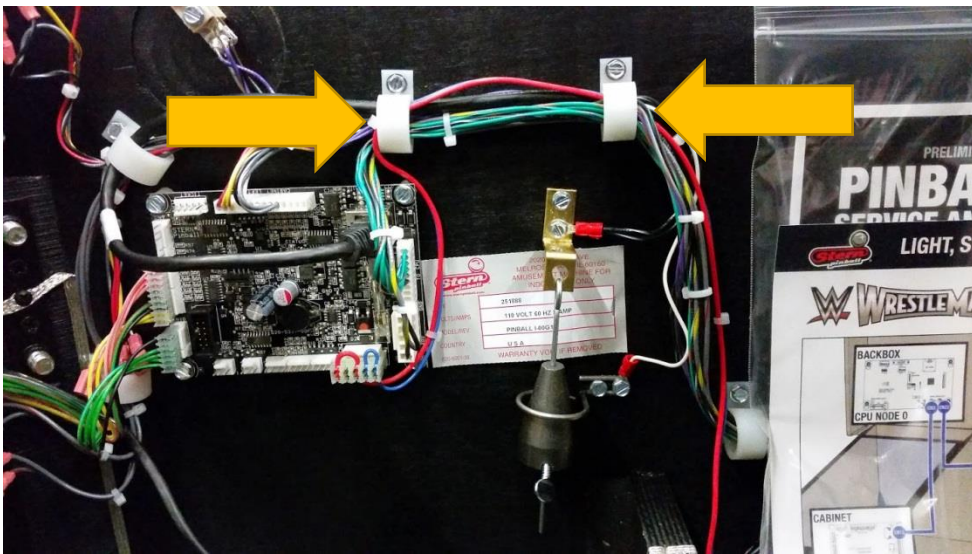


4. Install the hard plastic cover over the shaker motor assembly and secure it to the bracket with the 2 philips head screws provided in the kit.

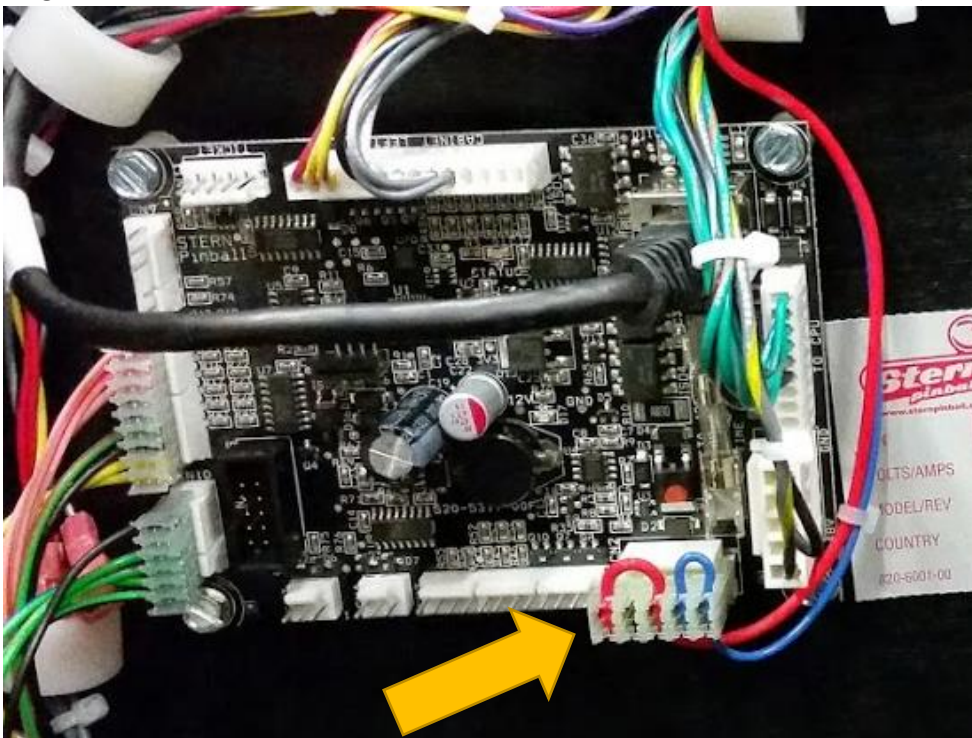


5. Next, route all wires through the existing plastic clips heading toward the SPIKE breakout board on the left side of the cabinet. See pictures below.





6. Plug in the wire harness to the SPIKE breakout board connector labeled CN2 (SHAKER MOTOR)



7. Done! Close up the machine and enjoy!