

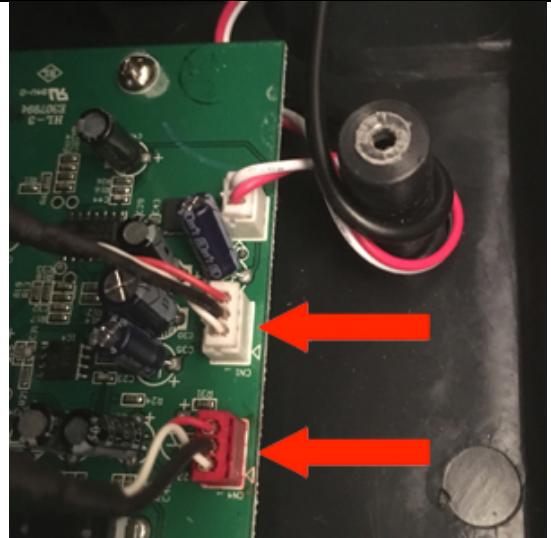
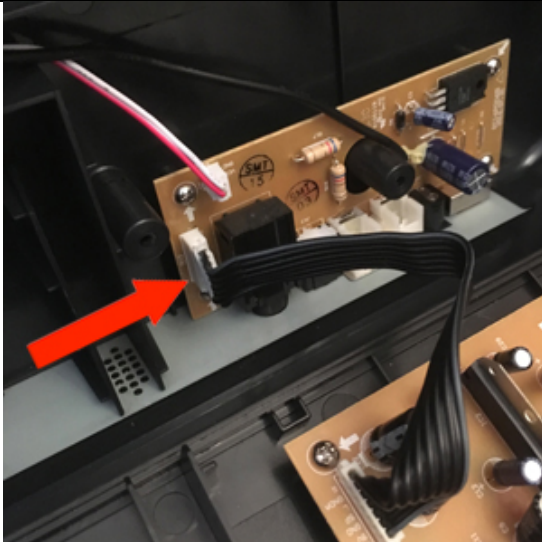


SS2 – PT01 Portable Start Stop Button Kit Installation Guide

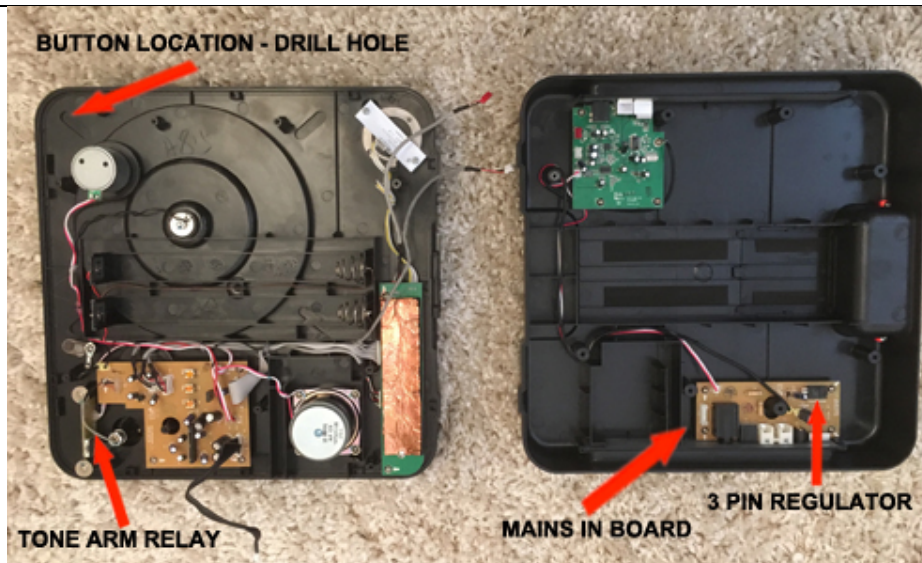
The kit should contain:

- x1 12V Latching Relay module and connector
- PlugEasi™ JDD break out power board and power cable plug
- x1 30mm arcade button and connection cable
- Connection terminal block and/or connector butts
- x1 4-32mm step drill bit (optional)

- 1** Ensure PT01 is powered off and not connected to the mains. With the top cover closed, turn over the PT01 and remove the 8 screws from the base. Gently lift the base up from one side and locate both the **USB Board** and **Mains In Board**. Disconnect the ribbon plug and 2 cables respectively.



- 2** Separate the two sections and make note of the areas that will be worked on.



3 Remove the top cover and place the turntable upside on top, in order to have a catchment area for plastic drilling debris. Ensure it is loose so when drilling, you are able to lift up the table top and to stop the drill bit continuing through the top cover.



4 Use a small flathead screwdriver to help lift the felt from the side directly opposite from the cartridge and needle.

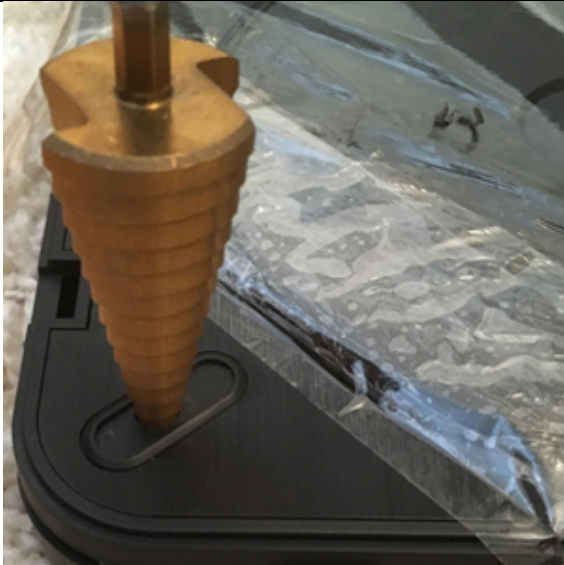


5 Cover the rest of the table top with cling-film and tape it down to the table top section only. Use an all-purpose masonry drill bit to prime a hole for the step drill bit. Or, use a small drill bit to prime a hole and then a slightly larger one to increase the size of the hole.



6 Once the priming hole is large enough for the step drill bit, start drilling slowly, with slight pressure through the table top. The required 30mm hole need will take you to the very last

'step' from the drill bit. During drilling, ensure the plastic debris is regularly removed in order to focus on a clear drilling area. Most importantly, help prop up the table top from the top cover and use your spare hand to continually lift the table top while the drill bit goes further down. Once the 30mm requirement is reached, clear up all the plastic debris with a Hoover.

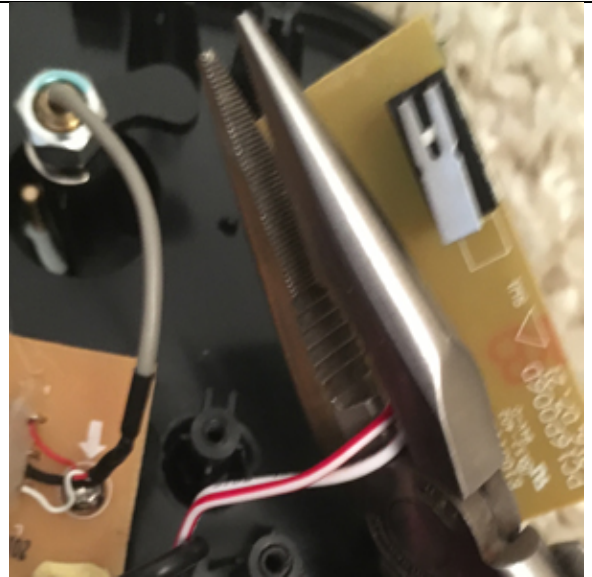
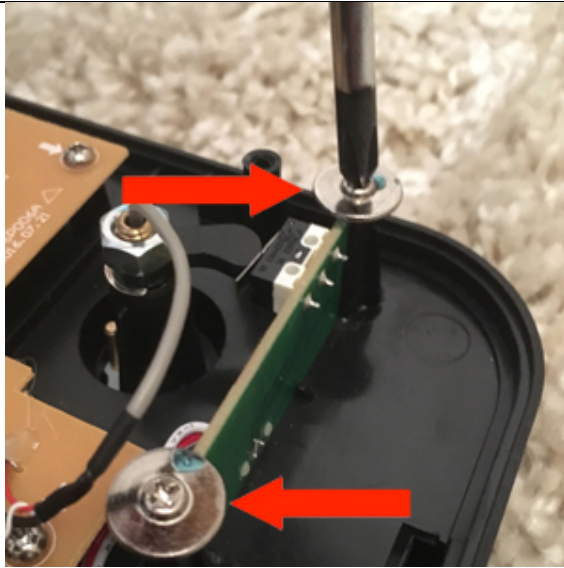


7 Push in the button from the table top side down into the hole. If the fit is too tight, then you may need to check that you have drilled to the required 30mm mark. Once the button is securely pushed down and locks, place both sections of the turntable, with the **Tone Arm Relay** and **Mains In Board** side by side. Then, attach the **white taped** cable extension crimps to the button connectors. The polarity does not matter.

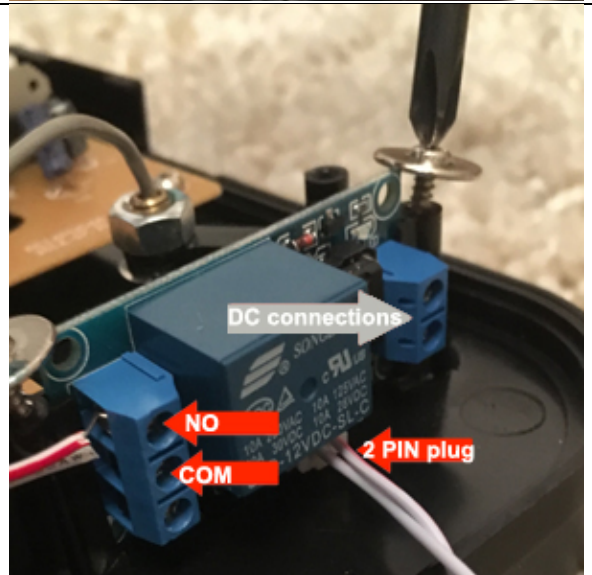
Prepare either the 'terminal connection block' or the orange connector 'butts' to the end of the the **white taped** cable extension, ready for connection later.



8 Unscrew the washer connectors from the **Tone Arm Relay** and lift out the relay from the posts. Cut the power TE5 connection from the relay, right up to the plug. Then, prepare the cable ends with a cable stripper, cable snips or a knife. You only need 0.5cm of bare copper wire showing. Once prepared, twist the wire ends – ready to connect.



9 Plug in the 2 PIN plug cable supplied with the new **Latching Relay** into the relays plug. Using the newly prepared TE5 power connection from Step 8, connect the red cable into the **Latching Relays** 'NO' terminal and the white cable into the **Latching Relays** 'COM' terminal. Slide the **Latching Relay** into the same post slot assigned for the old **Tone Arm Relay**. Secure lightly with the washer screws to hold in place.

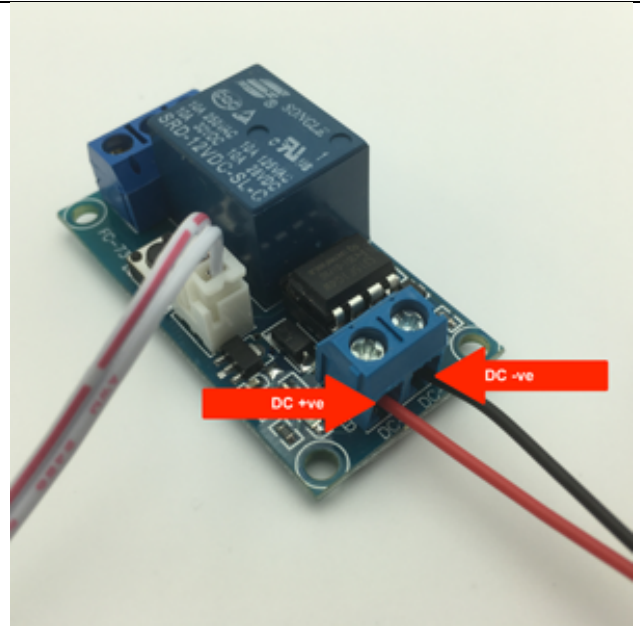


10 Connect the **Latching Relays** 2 PIN plug cable open ends to the 'terminal connection block' from the **white taped** cable extension. It is good practice to connect the 'red to red' and the 'white to white'. The button is now connected to the **Latching Relay**.

11 To provide power to the **Latching Relay**, connect the open twisted red/black power cable plug ends to the **Latching Relays** DC connections/terminals.

Ensure it is the open wire ends that are connected.

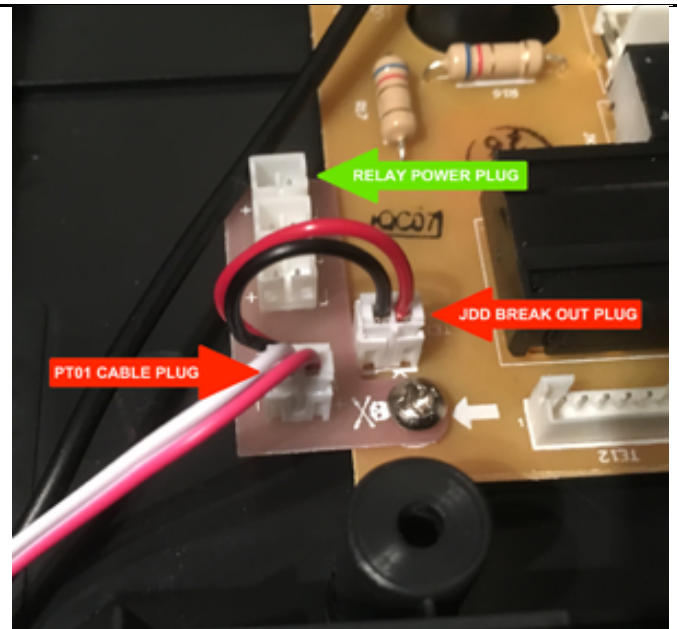
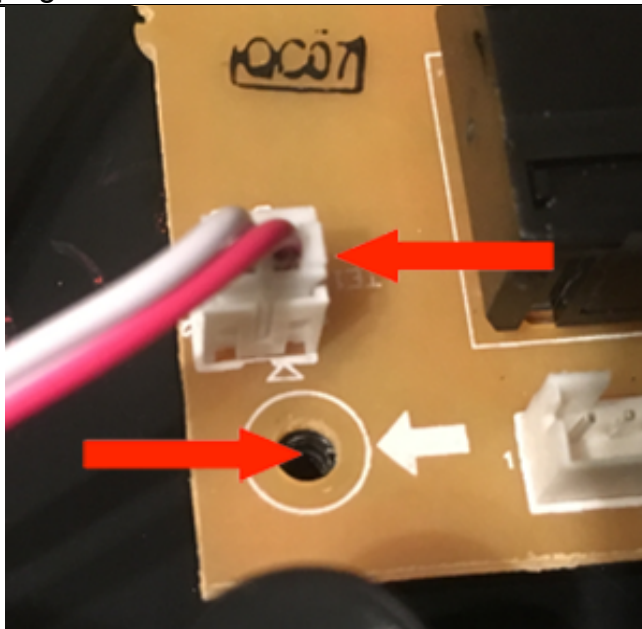
Connect the black cable to the '-ve' terminal and the red cable to the '+ve' terminal of the extension.



12 **PlugEasi™** 😊

Now its time to connect power to the **Latching Relay**. On the **Mains In Board** remove the screw from the board by the PT01 power out 2 PIN cable plug. Remove the PT01 power out 2 PIN plug.

Screw down the JDD break out power board to the **Mains In Board** using the screw. Reconnect the PT01 power out 2 PIN cable plug to the 'PT' male connector on the JDD break out board. Connect the JDD break out board 'power in' cable plug to the **Mains In Board** plug. Plug the twisted red/black DC power cable from the **Latching Relay** to one of the three 'power out' male plugs.



13 Now tidy up the cabling with either tape or hot glue, put it back together by repeating Step 1 in reverse. If the start stop fails to work, **ensure all cable connections are making contact**.

Practice Yo! Mods