

Thank you for purchasing the RK9 rotary retrofit. This kit is designed to be easily-installed using only a few basic tools. Installation should take about 10 minutes from start to finish. Please read through and familiarize yourself with the following instructions before proceeding with the installation.



## DISCONNECT THE POWER CORD BEFORE INSTALLING THIS UNIT



### IMPORTANT NOTE ON FADER REMOVAL

The DJM-900 mixers use a locking fader cap. **DO NOT REMOVE THE CAP BY PRYING IT! YOU WILL DESTROY THE CAP AND MAY VOID THE WARRANTY OF YOUR MIXER.**

## 1. Gather the tools you will need:



- Phillips screwdriver (size #1 recommended)
- Small slotted screwdriver. A ballpoint pen will also work

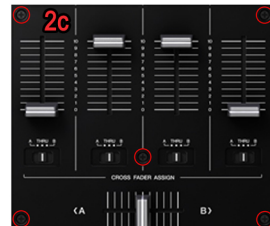
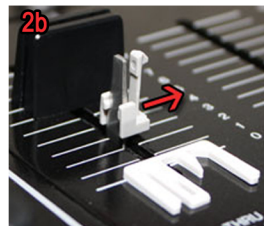
## 2. Remove existing fader caps and plate

Before the RK9 can be installed, all five fader caps (ch. 1-4 and crossfader) must be removed.

a) Place a small screwdriver or ballpoint pen under the indicator line of the fader cap. Carefully lift the indicator line up, taking care not to scratch the mixer. It may be necessary to lift from both sides of the fader cap, until the indicator can be completely removed (fig 2a). Next, remove the fader cap.

b) Remove the small plastic clip from the shaft of the fader (fig 2b). Save all parts as you will need to re-install the crossfader cap, and you may want to return the mixer to its original form. Repeat steps 2a-2b until all fader caps have been removed.

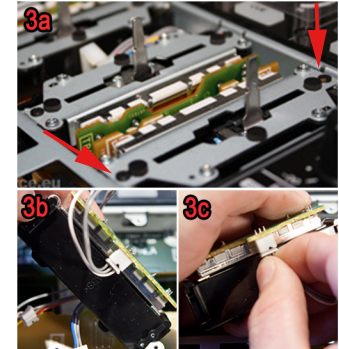
c) Remove the Phillips screws at the four corners and center of the fader cover plate (fig. 2c).



## 3. Remove existing faders

a) Unscrew the small phillips screws at the top and bottom of each fader. Be careful not to drop the screws inside the mixer (fig. 3a).

b) Lift the faders out one at a time, rotating the fader so that the wiring connector faces towards you (fig 3b). Grasp the wires firmly at the base of the plug (fig 3c), and pull the plug loose from connector of fader PC board. Do not disconnect wiring from internal PC board of mixer.

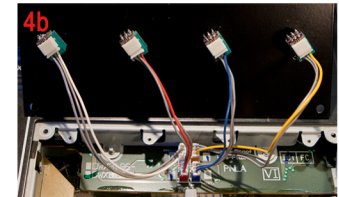


## 4. Connect mixer wiring to RK9

Just like the sliding faders, each RK9 control has a plastic connector that attaches to the mixer's wiring. The connectors are polarized, meaning that they only fit in one direction (note ridge on connector in fig 4a). Do not force the connectors in.



The wiring should be connected to the RK9 as follows (fig 4b):



CHANNEL 1 - WHITE  
CHANNEL 2 - RED  
CHANNEL 3 - BLUE  
CHANNEL 4 - YELLOW

Once all wiring is connected, place it back inside the white retaining clip just below the mixer PC board.

## 5. Final Installation

Line up the RK9 in opening of mixer. Re-install Phillips screws and cross fader cap (installation is the reverse of removal, step 2).



**Congratulations! Your RK9 rotary kit is now ready for use!**