

MAGNETIC CROSSFADER MAINTENANCE

The crossfader in the Sixty-Eight is designed with materials highly resistant to corrosion and most chemicals. While it will handle millions of operations, it may become dirty over time. Bad things may be spilled into the crossfader, but in many instances the crossfader may not be damaged and the sound quality thus unaffected. Cleaning is only required to maintain the feel of the crossfader.

The crossfader is self-lubricating and with normal use, should not require additional lubrication. If you wish, you can use a light silicone lubricant rated for use with electrical parts. This will help maintain the feel. We recommend Caig DeoxIT FaderLube F100 spray lubricant.

**Order DeoxIT® F100 from:
CAIG Laboratories, Inc.**

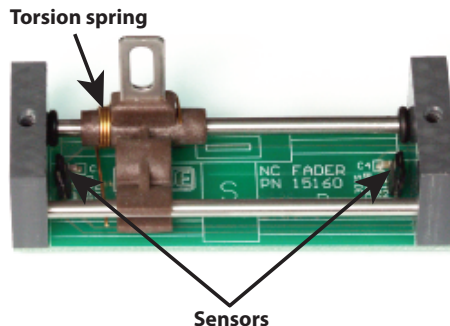
12200 Thatcher Ct.
Poway, CA 92064
Phone 858-486-8388
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Never use a heavy lubricant or grease.

Doing so may not damage the faders, but can affect the feel. If grease was used, it may be removed by following the cleaning instructions. Light lubrication is possible with the fader face plate on. A couple of drops or a short spray will do it. Make sure any product you use is suitable for use with electrical parts that contain plastic.

CROSSFADER CLEANING

- A.** Move the carrier all the way to one side.
- B.** Use a soft lint-free cloth to wipe off the rails.
- C.** Add a drop of silicone lubricant (or quick spray from aerosol) to the center of each rail.
- D.** Move the carrier back and forth to distribute lubricant.
- E.** Do not bend the torsion spring. Do not disturb the position of the small sensors at each end of the Fader. If you accidentally do, make sure the parts are standing straight before reinstalling.
- F. CAUTION:** Sugary liquids may damage the crossfader beyond repair. You might be able to save it by removing the crossfader and thoroughly rinsing it in hot water. Make sure the part is clean and dry before lubricating or reinstalling.
- G.** Removal of grease or other stubborn debris may require alcohol or contact cleaner. Make sure the part is clean and dry before lubricating or reinstalling.
- H.** Problems? Contact Rane Corporation customer service at 425-355-6000 or email us at info@rane.com.



CHANNEL FADER CLEANING

With heavy use in harsh environments, the channel faders may need lubrication. This treatment extends longevity and can make used faders as good as new. The fader assembly must be removed from the Sixty-Eight for proper cleaning. We recommend any of the following cleaning solutions:

- Caig DeoxIT FaderLube F100 spray lubricant
- Caig DeoxIT FaderLube F5 spray cleaner
- CRC 2-26 (www.crcindustries.com)

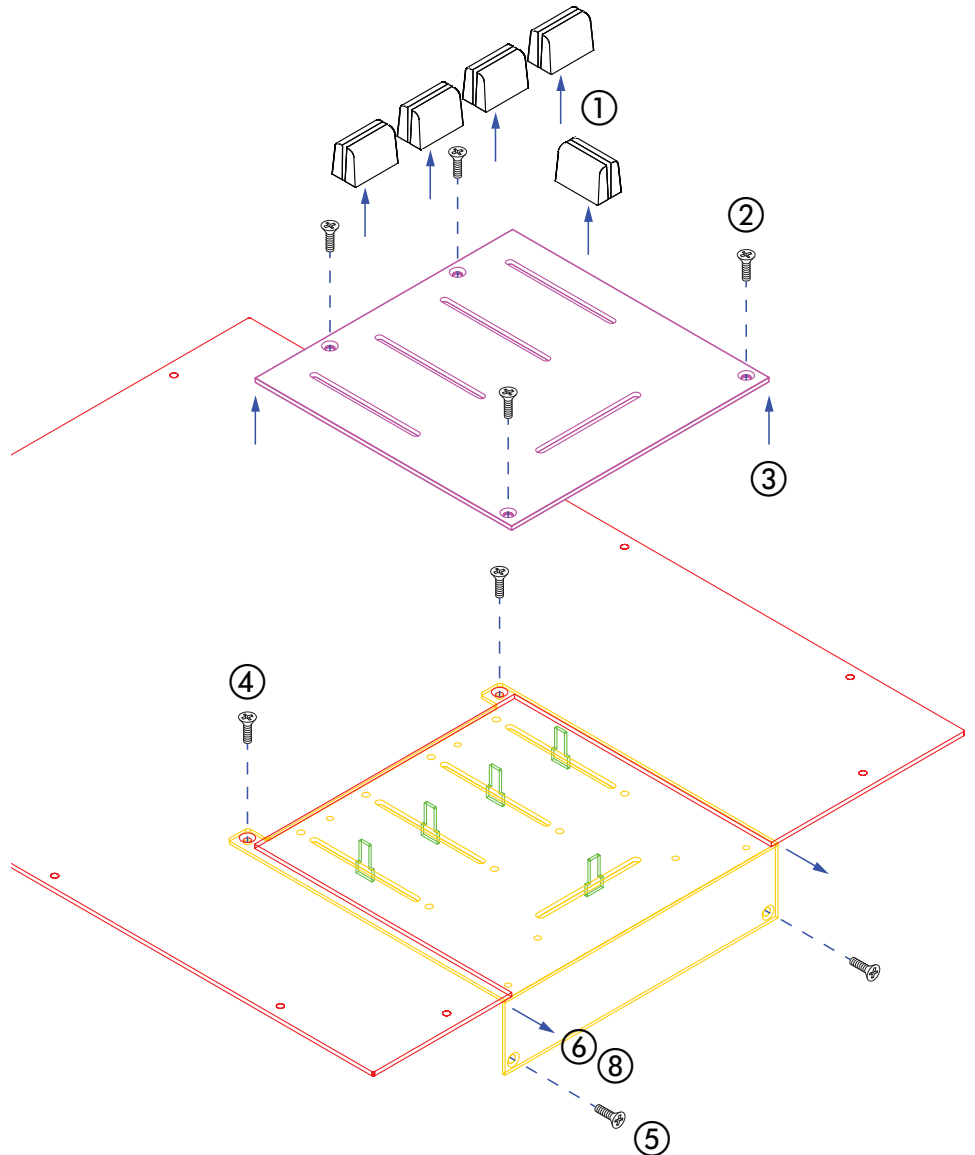
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- A.** Hold the fader assembly away from the mixer.
- B.** Position the fader at mid-travel.
- C.** Spray cleaner/lubricant into both ends of the fader.
- D.** Move the fader over its full travel back and forth a few times.
- E.** Shake excess fluid from the fader assembly.
- F.** Wipe off excess fluid.

FADER ASSEMBLY REMOVAL

- ① Remove all five fader knobs.
- ② Remove all four screws holding the fader panel face plate.
- ③ Lift up the fader panel face plate and set it aside where it can't get damaged.
- ④ Remove the two screws in the main panel at the top of the fader assembly.
- ⑤ Remove the two screws at the front of the fader assembly.
- ⑥ Slide the fader assembly out just enough to see the three white and blue wires and their connectors.
- ⑦ Unplug the connectors of the three white and blue wires.
- ⑧ Slide out the fader assembly completely.
- ⑨ The channel faders are mounted in pairs. Remove the four screws for each pair of faders (1 and 2) or (3 and 4).
- ⑩ The magnetic crossfader may be removed by the two screws at each end of the crossfader.



Reverse this procedure to re-assemble.

- Plug in all three cables before installing screws.
- Confirm cables are not crossed, with faders 1 & 2 on the left connector, faders 3 & 4 on the right connector, and the blue crossfader wires in the center.
- Test all the faders before installing the fader panel face plate and fader knobs.

