



## *Service Manual*

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### **Binding Laukhuff Slider Motors**

by John Panning

We are seeing a number of organs (Dobsons and others) with Laukhuff slider motors that are becoming sluggish or binding up altogether. Dick Houghton has mentioned this trouble in his Laukhuff newsletter, but it may not be common knowledge. The sleeve bearings collect dirt and bind up. Laukhuff sells something they call "creep oil" (Kriechoel), but I believe any light spray-type oil would work (WD-40, for example).

With the small tube extension, spray the oil directly into the bearing. Work the shaft of the motor back and forth, and wipe the loosened grime from the shaft with a clean rag. Repeat as necessary until no more dirt can be removed from the shaft. I then apply a very light coat of a silicone lubricant, work the shaft in and out, and wipe off as much of it as I can, leaving the shaft dry.

Based on this experience with these motors, I think it's wise for all slider motors to be covered. It is clear that dust settles on the shaft and is drawn into the motor; if the amount of dust is reduced, the likelihood of future problems also is reduced.

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