



## Axis Movement GCODE - lubrication/ maintenance MK3s

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### Summary

GCODE to move individual axis along entire range for cleaning/lubricating



N/A



3 pcs



1.00 mm



0.40 mm



Special



N/A



Prusa  
MK3/S/S+

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[prusai3mk3](#)

Found this GCODE a few years back and found it very useful for cleaning/lubricating my smooth rods.

Demo:

I use this stuff: <https://www.amazon.com/Super-Lube-21030-Synthetic-Grease/dp/B000XBH9HI/> Blurred out in pic as I'm not advertising for them, just stuff that works for me. :)

Run times(minutes):

x axis: ~1:25

y axis: ~1:11

z axis: ~9:18

I apply it with my fingers (stuff is food safe). Wipe off excess that gets pushed to the end of the axis.

I lubricate my smooth rods and a touch on my lead screws however the Prusa manual/documentation advises against this as the lead screw nuts are a type of material that's self-lubricating. My own risk there.

## Print files

### x-axis\_exercise.gcode

🌀 Special 📏 0.40 mm 📏 1.00 mm ⌚ 0.01 hrs ⚖️ 1 g

### y-axis\_exercise.gcode

🌀 Special 📏 0.40 mm 📏 1.00 mm ⌚ 0.01 hrs ⚖️ 1 g

### z-axis\_exercise.gcode

🌀 Special 📏 0.40 mm 📏 1.00 mm ⌚ 0.01 hrs ⚖️ 1 g

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