

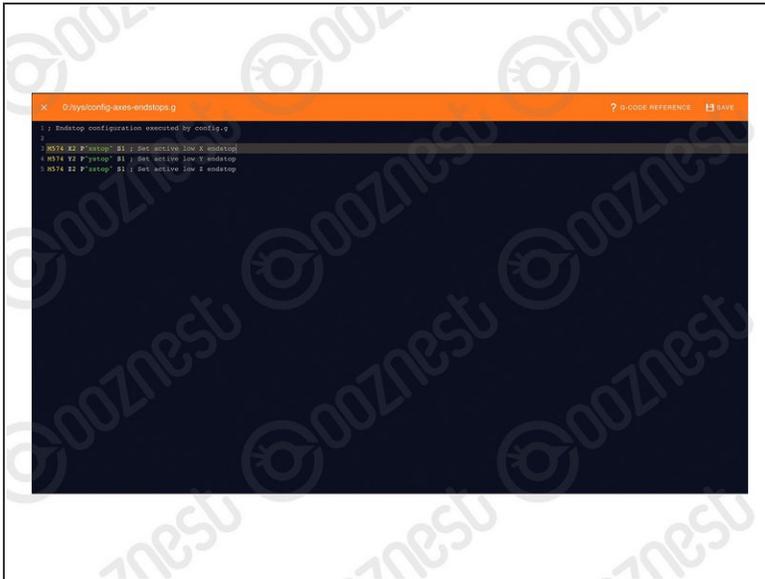


# How To Invert Limit Switches

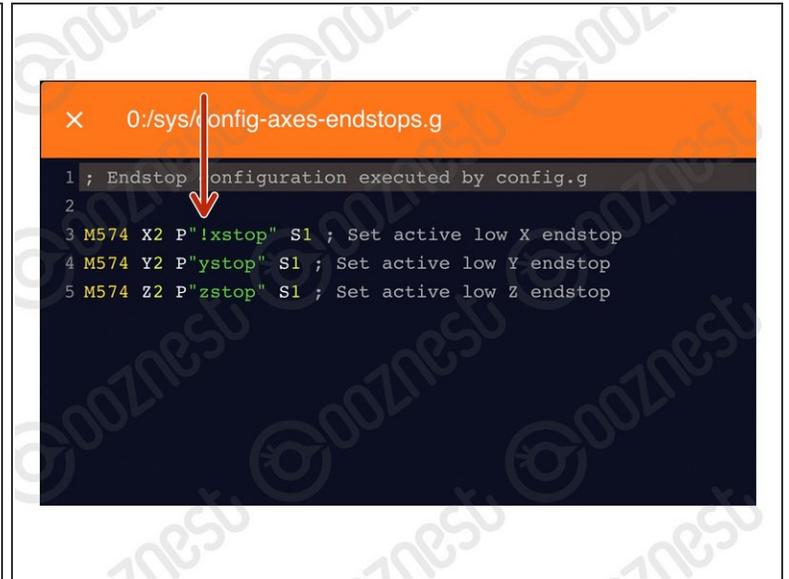
Written By: Ryan Lock

```
0:/sys/config-axes-endstops.g ? G-CODE REFERENCE  SAVE  
1 ; Endstop configuration executed by config.g  
2  
3 M574 X2 P"xstop" S1 ; Set active low X endstop  
4 M574 Y2 P"ystop" S1 ; Set active low Y endstop  
5 M574 Z2 P"zstop" S1 ; Set active low Z endstop
```

## Step 1 — Invert Limit Switches



```
0:/sys/config-axes-endstops.g
; Endstop configuration executed by config.g
1
2
3 M574 X2 P"xstop" S1 ; Set active low X endstop
4 M574 Y2 P"ystop" S1 ; Set active low Y endstop
5 M574 Z2 P"zstop" S1 ; Set active low Z endstop
```



```
0:/sys/config-axes-endstops.g
; Endstop configuration executed by config.g
1
2
3 M574 X2 P"!xstop" S1 ; Set active low X endstop
4 M574 Y2 P"ystop" S1 ; Set active low Y endstop
5 M574 Z2 P"zstop" S1 ; Set active low Z endstop
```

❗ If your limit switches are showing as 'Triggered' when they are not physically pressed, but change to 'Not-Triggered' when pressed, please complete the steps below.

- Under File Management > System click on 'config-axes-endstops.g'
- Invert the limit switch by adding a '!' in-front of the pin name.
- For example in Image 2 we have inverted the X-Axis Limit Switch.
- Save the file.

⚠ Press the software emergency stop in the top right corner to restart the controller.

Thanks for following the guide. Any issues, please contact us!