



Adjusting Nishiki Aero II Front Derailleur

Are you having trouble shifting? Does your chain rub against the derailleur guide while you pedal? This guide should help you fix that.

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INTRODUCTION

The front and rear derailleurs (pronounced "derailer" but spelled this way because of the French) are what move the bike's chain back and forth across your gear sets, allowing you to shift between different gear combinations and thus handle a variety of speeds and inclines.

However, in order for the derailleur to work properly, it needs to be adjusted so that it's shifting over the correct range. That's what this guide will show you how to do.



TOOLS:

- [Phillips #2 Screwdriver](#) (1)
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Step 1 — Adjusting Nishiki Aero II Front Derailleur



- Shift the bike's rear derailleur onto the innermost gear.

Step 2



- Shift the front derailleur as far inward as it can go.
 - If the chain falls off, tighten the outside limit screw on top of the derailleur.
 - If the chain can't shift to the lower gear, loosen the outside limit screw on top of the derailleur.
- ☒ Yes, the *outer* limit screw adjusts the *inner* derailleur limit.

Step 3



- Next, shift the rear derailleur onto the outermost gear.

Step 4



- Shift the front derailleur as far outwards as you can.
 - If the derailleur shifts the chain off the gear, tighten the inner limit screw on top of the front derailleur.
 - If the derailleur is unable to shift onto the outer gear, loosen the inner limit screw on top of the front derailleur.
- Just like last time, the *inner* limit screw adjusts the *outer* limit of the derailleur.

Now, your bike shouldn't have any more problems with the chain falling off.

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