

Slim Fit Kit Installation Guide

Have a question? Call 617-356-8106 or email support@gogrit.us.

Tools required:

- 8mm hex key
- #3 Phillips head screwdriver (or similar)
- Crank puller tool
- 13mm wrench

Notes for the bike shop:

- The lever couplings are just like pedal crankarms. They have a square taper interface that mates with a Shimano square taper bottom bracket. They are held in place by a crank bolt. They can be most easily removed by threading a crank puller into them.
- The Slim Kit couplings are handed. They are labeled left and right. Installing on the incorrect side will cause the brakes to be non-functional. To check, when the lever is inserted into the coupling and is upright above the seat, it should be behind the pivot point.



Installation instructions:

1. Loosen the chains sufficiently to derail the chain (see instructions on the next page)
2. On each side of the chair:
 - 2.1. Remove the crank bolt.
 - 2.2. Remove the lever coupling using the crank puller tool threaded into the threads of the lever coupling.
 - 2.3. Attach the appropriate (right or left per their label) Slim Kit Coupling. The hole for the lever should be facing up behind the pivot.
 - 2.4. Insert the crank bolt and tighten into place.
3. Replace and tighten the chains (see instructions on the next page).

How to loosen and tighten the chain

(from the Freedom Chair User Manual available at www.gogrit.us/resources)

1. The seat is attached to the base frame by four vertical bolts. Loosen these bolts with a #3 (or any available) Philips screwdriver and a 13mm wrench or socket. The bolts just need to be loose enough to allow the seat to slide relative to the base frame. See Figures 4.2a and 4.2b.
2. The chain tightness is controlled by two setscrews, one on each side of the chair. Use a #3 (or any available) Philips screwdriver to rotate these screws. Tightening the screws will tighten the chain, and visa versa. Tighten the chains until they can be squeezed together with the fingers but do not sag. See Figure 4.2. If the freewheels have difficulty rotating, or a grinding noise is heard, the chains are too tight. **Balance the tightness of both sides of the seat. Adjust the tightnesses together!**
3. When the chain tightness is appropriate, tighten the four bolts to secure the seat to the base frame.



(a) Four bolts must be loosened (and later retightened) to slide the seat.



(b) Use a #3 (or any available) Philips screwdriver and a 13mm wrench or socket to loosen the bolts.



(c) The chain tightness is controlled by two setscrews, one on each side of the seat. Both must be rotated the same amount.



(d) Use a #3 (or any available) Philips screwdriver to tighten the setscrews until the desired chain tension is reached.

Figure 4.2: Adjusting the chain tension on the Freedom Chair.