

FLIGHTFINS

ARE YOU READY TO FLY?

We at FlightFins have empowered you with the ability to better control your Onewheel, reaching heights previously unattainable and maneuvers that were once impossible!

You can use FlightFins to make transitions on rough terrain silky smooth by floating the board over obstacles (including tree roots, logs, uneven/broken sidewalks), which means no longer having to find an alternate path. You can take advantage of the increased control when carving, nudging curbs, or plate-sliding. Happen to find a curb or drop on your ride? The Fins will keep your feet on the board where they belong. Our easy-out, no-binding design allows your feet to slide out from underneath the Fins in case you need to bail, dismount, or reposition. FlightFins have the perfect amount of grip and flex, giving the responsiveness you need without sacrificing comfort.

We have crafted our FlightFins with massive amounts of love and dedication, subjected them to rigorous testing, and produced them with industry professionals to bring you the most durable, state-of-the-art, product possible.

Please read this manual carefully to get the most out of your Fins and to ensure you cruise with the utmost safety. **THANK YOU** for your support, and **WELCOME TO THE SKIES.**

Patented and made in the **U.S.A.**
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www.flightfins.com

WARNINGS

- **Make sure to check the bolts attaching the FlightFender to your Onewheel periodically to make sure they are tight.**
- Keep in mind that the Onewheel is a 25+ lb machine and advanced jumping will be difficult no matter what (unless every day is leg day for you), so pace yourself until you feel comfortable enough to advance.
- Motorized one-wheeled skateboards are inherently dangerous. Whenever you ride a motorized board with or without FlightFins and/or FlightFender you risk death or serious injury from loss of control, collisions, and falls. Please read and follow all instructions in this manual as well as the manual provided with the board you are riding. To avoid injury, please wear protective gear and do not attempt tricks far beyond your skill level. FlightFins LLC is not liable for injury sustained while using FlightFins products.
- FlightFins LLC is not liable for any damage done to your fender or Onewheel.

HARDWARE INCLUDED:

FlightFins:

- 4 x 5/8" Bolts (#12-24)
- 2 x 1" Bolts (#12-24)
- 2 x 1 1/4" Bolts (#12-24)
- 8 x KEPS Lock Nuts (#12-24)

FlightFender:

- 8 x 3/4" Flathead SCS Black Oxide (#10-32)

TOOLS: (NOT INCLUDED)

- 1/8" Allen Wrench
- 3/8" or adjustable wrench
- Phillips Head Screwdriver

INSTALLATION STEPS:

Step 1: Attach the Fins to the Fenders

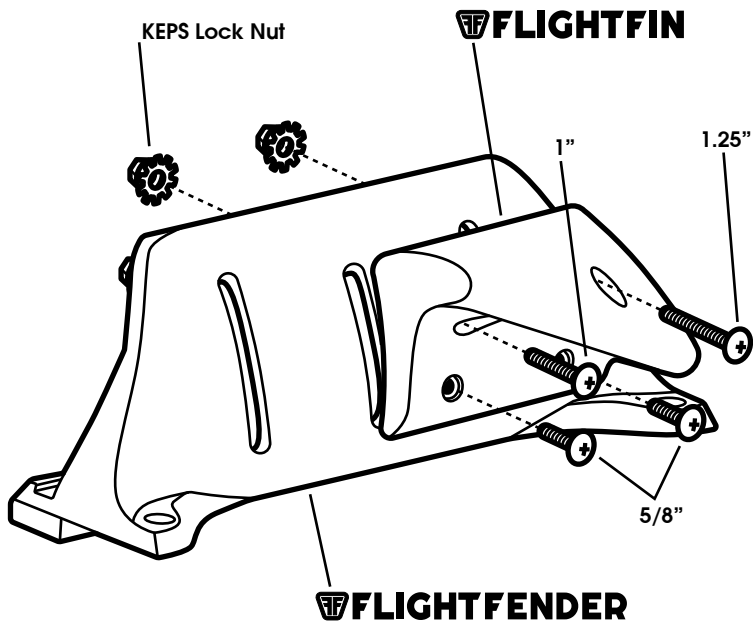
- Using the diagram shown, loosely bolt the **Fin** to the **Fender** starting with the 1.25" bolt
- If the **KEPS Lock Nut** will not thread easily you may find it useful to place your screwdriver handle against a hard surface (preferably carpet or a non-slip surface). Some bolts may prove harder to thread than others, but they will thread.
- Repeat for the other Fender, making note of your stance (goofy or regular) and attaching the Fins accordingly.

Step 2: Attach the Fenders to Your Onewheel

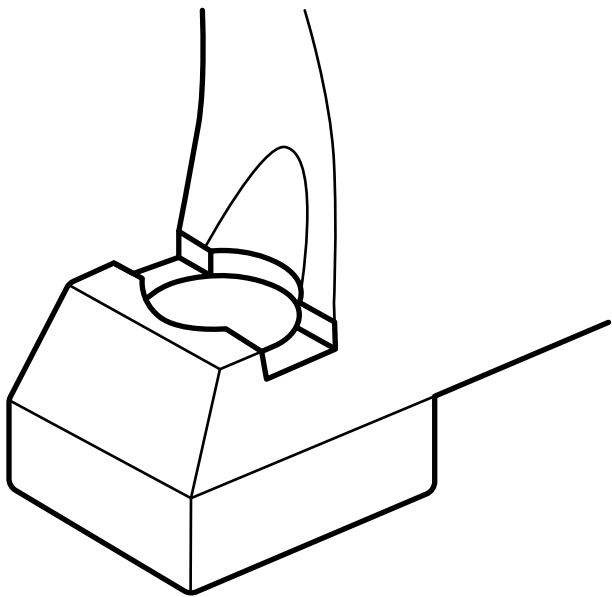
- Using your **1/8" Allen Wrench**, attach the Fenders to your Onewheel with the **3/4" Black Oxide Flathead Bolts**. **Make sure they are tight and to check them periodically.**
- Adjust the Fins to your preferred height and then tighten the Fin bolts. **TIGHTEN BOLTS ONLY TO THE END OF THE NUT OR SLIGHTLY PAST.** If you experience shifts in the Fin position, tighten more.

TIP: Be sure to wear the shoes you will be riding with most when adjusting. Your FFin/FFender kit is most effective with flat skate shoes. High-soled tennis shoes not recommended.

Step 3: Fly!



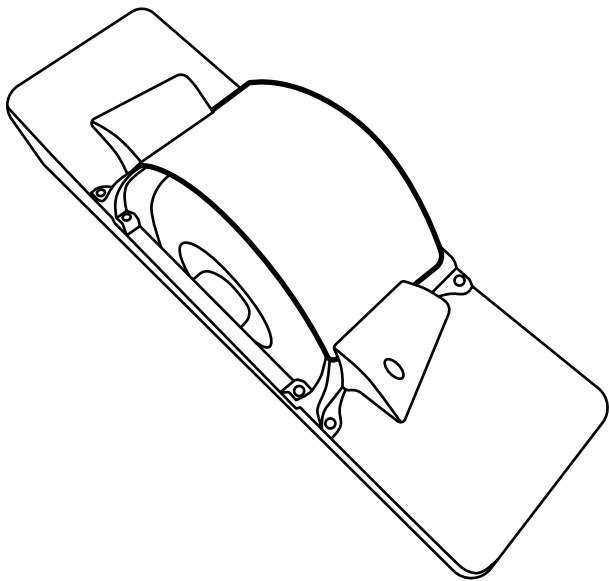
While zip ties are no longer needed with the FlightFender, we have added zip tie notches for our more extreme riders seeking double-protection.



INTRODUCING THE FLIGHTSHIELD

FlightShields are easy to install - simply place either side of your shield under the corresponding Fin and it will create a snug and secure tension hold.

Note: You can slightly loosen the top bolts of the Fins should you need to make room for the Shield.



TIPS:

- **Wear protective gear.** Wrist guards, elbow pads, knee pads, impact shorts, etc. are suggested for maximum safety when attempting advanced maneuvers.
- Get into the practice of stretching before you ride. This helps prevent muscle strain when maneuvering the weight of your motorized board.
- There is a learning curve to using FlightFins, so start slow and don't get discouraged!
- Practice hopping in place first before jumping with speed.
- If you find your OneWheel shutting off when hopping, this generally signifies you need to lean back more while in the air. Another trick is to flex your feet slightly to grip the board. When landing any jump, keep the nose up and the tail down slightly to keep your board engaged. For visual reference, please go to www.flightfins.com to view our videos.
- When you are comfortable with hopping in place, start practicing moving hops at slow speeds - we suggest doing this in soft, smooth grass for your first experience. Keep in mind that jumps at a relatively fast speed are easier to land than those at slow speeds due to momentum and centrifugal force.
- When you have mastered the slow-speed jump, challenge yourself by jumping sticks in the street or, for a bigger challenge, a tissue box or water bottle.
- Always pay close attention to what the board is doing when you land your jumps; all riders have different skills, but most of the learning curve is recognizing how the board responds to jumping.

