

∞ 2SWIFT



USER MANUAL

# Congratulations on your purchase!

From all of us at 2Swift, we wanted to thank you for choosing us. We are pumped to welcome you to the growing 2Swift community!

2Swift boards are exciting new products that provide endless fun and a riding experience like nothing else! Before you begin using the board, please read ALL the information in this owners manual. Always wear a helmet when riding. It is not worth the risk and can save your life!

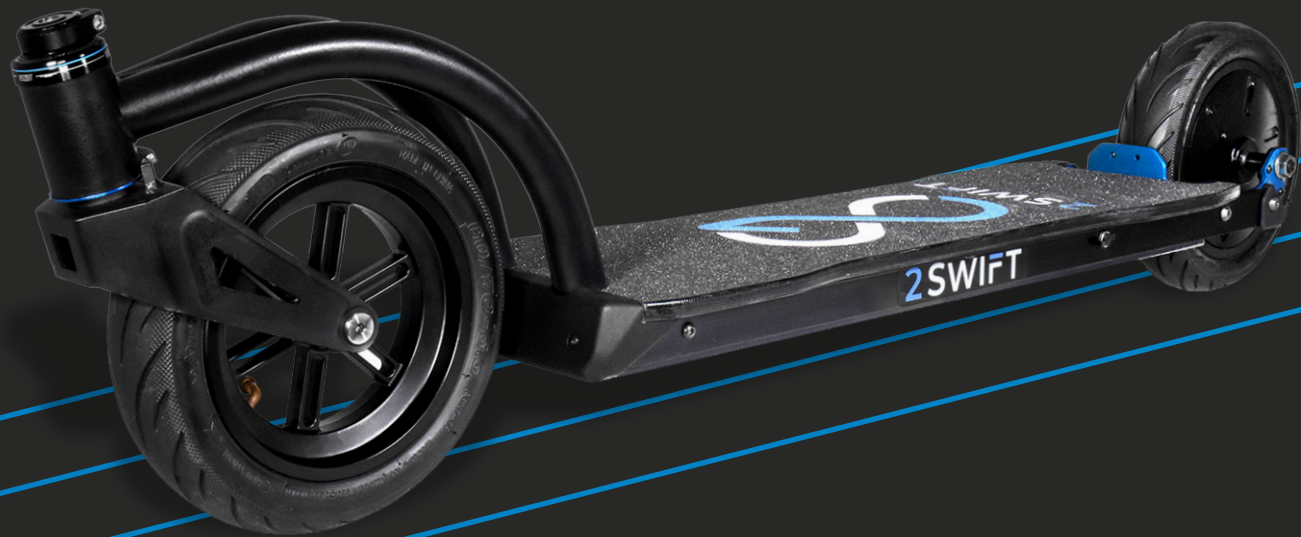
 [www.2swiftboards.com](http://www.2swiftboards.com)





RANGE  
**16-21** MILES

SPEED  
**24** MPH





### **Steering Geometry Designed for stability**

This design provides high speed stability and low speed maneuverability.



### **24 MPH Top Speed**

Top end power that will put a smile on your face.



### **9.5 in Pnuematic Tires**

Tackle rough terrain and roll over larger objects that ordinary electric skateboards simply can't.



### **16-21 Mile Range**

Enough juice for your urban commute or weekend joy ride.



### **Raw and Durable Industrial Design**

Designed to take a beating. Built from premium aerospace grade materials.

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# Read before you ride

**ALWAYS** wear a helmet, closed toed shoes and relevant safety gear when riding a 2Swift board.

**NEVER** ride down a hill with the battery at 100% state of charge. In order for the regenerative braking to work, the battery must be able to absorb energy. When at 100% state of charge, there is a high risk of battery damage or brake failure which may result in injury or death.

**ALWAYS** ride responsibly. Due to low battery on your board or remote, your board may lose power and therefore brakes during your ride. Always have a plan and ride at speeds that are comfortable without power or brakes.

**AVOID.** prolonged exposure to high heat may damage the electronics. Avoid leaving your board in a hot car or trunk. **ALWAYS** obey and check the local traffic laws in your area. Do not ride on high traffic roads. Wear bright clothing to make yourself visible to others.

**ALWAYS** respect pedestrians

**DO NOT RIDE** the board if you are under the influence of drugs or alcohol.

**DO NOT RIDE** the board in wet or dangerous low traction conditions. Wet conditions reduce traction which can result in injury.



## General Warning

Even with extensive practice, training, and proper safety equipment, an experienced athlete cannot eliminate the inherent risk associated with certain sports and activities. Electric skateboarding is an activity that carries inherent risk. Other risks that can be found in this activity include; unforeseen weather conditions, unknown terrains, failure to maintain equipment properly, failure to adhere to traffic laws and instructions. Proper safety equipment should always be worn when riding. Always wear a helmet.



## Caution

- Do not ride in unsafe conditions
- Do not ride on unsafe surfaces
- Do not attempt to modify or make unwarranted repairs
- Ride within your ability
- Do not ride at night
- Do not ride with a passenger
- Do not allow someone to control the remote for you







## Warning Messages

**RISK OF SERIOUS INJURY OR DEATH** Whenever you ride a 2Swift, you risk serious injury or even death from loss of control, collisions, and falls. To ride safely, you must read and follow all instructions and warnings in the 2Swift Owner's Manual.

**AVOID WATER** The board is not waterproof. The electronics, bearings and other components may be damaged due to water. Riding in wet conditions is very dangerous and may cause injury. **WATER DAMAGE IS NOT COVERED BY WARRANTY.**

**ABUSE** Do not jump on the board, do not ride off of curbs and other obstacles, do not smash the board into hard objects, do not drop the board on the ground for starting operation. Although the product has been made to handle intense riding, it is still an electrical product and needs to be handled with care and respect. **ABUSE TO THE BOARD AS LISTED ABOVE IS NOT COVERED BY WARRANTY.**

**ELECTRICAL SHOCK RISK** When opening the deck to remove the battery, avoid touching the encased electronics, particularly with metal, as it can damage the electronics and deliver an electrical shock.

**PINCH POINTS** Avoid sticking fingers, toes, hair and loose clothing between the rear motor wheel and kick plate. Keep fingers away from the steering stops on the front wheel caster assembly.

**RIDING ON HILLS** Riding on hills can be extremely dangerous. Avoid riding up and down steep hills as this puts massive stress on the electronic system. Depending on multiple conditions (rider weight, speed, hill grade), there is a possibility for brake malfunction. Know how to control your speed without the use of the electric brakes.

Carving is a good option to help reduce speed. Always have a plan prior to riding down hills.

**MAINTENANCE** It is important to keep your board in safe working condition. Become familiar with the maintenance section of the manual and establish a regular schedule of care.



## Attention



Maximum rider weight:  
**230 lb / 104 kg**

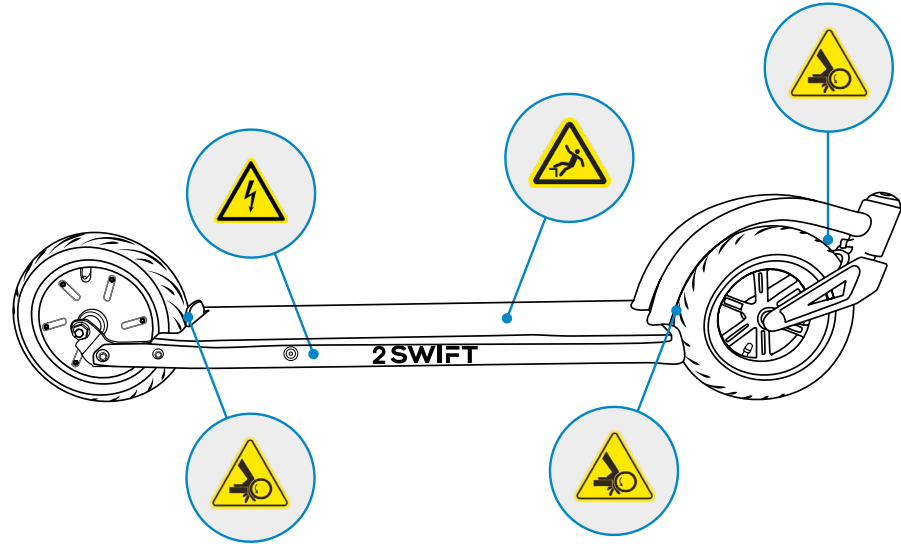


Do not allow children under the  
age of 16 to use this product  
Adult supervision is required



## Hazards

- Avoid sharp bumps, drainage grates, and sudden surface changes.
- Avoid water and slick conditions that may reduce grip/traction.
- Wet weather impairs traction, braking, and hinders visibility.
- Avoid riding near motor vehicles.



## Always Wear

- Always wear a ASTM F1492-08, CPSC and/or CE EN1078 certified helmet, and follow the manufacturer's instructions for fit, use and care. Head injuries are some of the most serious and may be avoided with proper protection.
- Shoes that stay on your feet and will grip the board. Never ride barefoot or while wearing sandals or flip-flops.
- Bright clothing that makes you clearly visible to drivers, riders and pedestrians.
- Protective eyewear to protect against the sun, as well as airborne dirt, dust, and, of course, bugs.

## Avoid

- Avoid sharp bumps, drainage grates, and sudden surface changes.
- Avoid water and slick conditions that may reduce grip/traction.
- Wet weather impairs traction, braking, and visibility and may damage your board.
- Avoid riding near motor vehicles

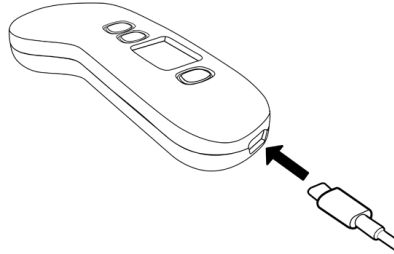
## Basic Operation

1



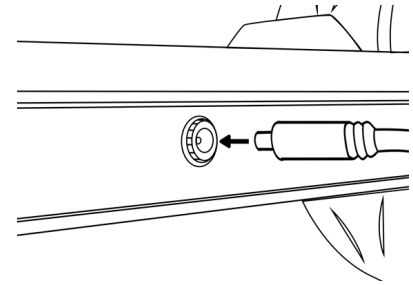
Read the 2Swift Board  
Manual

2



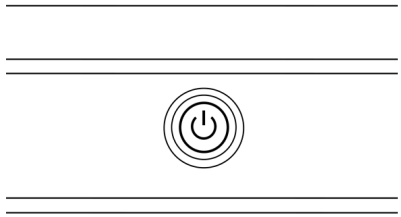
Charge the remote

3



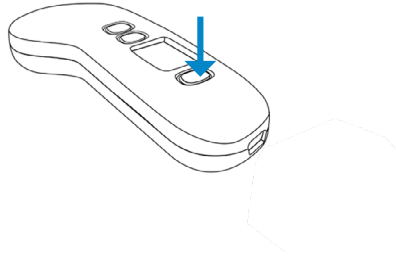
Charge the board

4



Turn the board on

5



Turn the remote on

6



ALWAYS wear a helmet while riding

7



Step onto the board,  
starting with your  
front foot

8



First time riders may  
need assistance

9



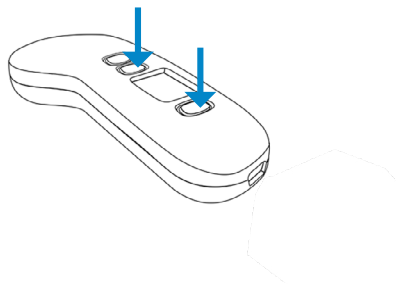
Gently push off with your  
back foot, lightly roll on the  
throttle, and lightly roll on the  
throttle to get moving

10



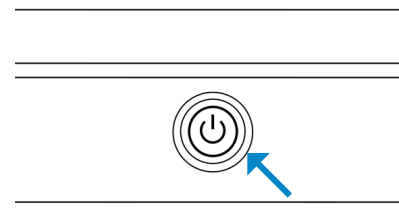
To get off, slow down the board and gently step off with your back foot

11



Turn off the remote (Hold POWER ON and MODE simultaneously)

12



Turn off the board



# Riding your 2swift board



## Basic balance

- Riding a 2Swift board is very similar to snowboarding and surfing. Depending on your comfortability, you will either ride with your left foot forward (regular) or right foot forward (goofy).
- You will place your feet perpendicular to the board and possibly at a slight angle if this is more comfortable.
- Keeping your feet perpendicular to the deck will greatly increase your balance.
- Do not try to put your feet inline with the board, this makes it extremely hard to balance.
- The board will become more stable as speed increases (similar to a bicycle).

## Regenerative braking

### The basics

- The 2Swift Board is equipped with regenerative braking.
- The brakes are activated by pulling back on the remote toggle.

### How does Regenerative Braking work?

- When braking, the rear hub motor switches to a generator, your momentum keeps the generator spinning.
- This will generate back EMF in the motor that can then be used to charge the battery and in turn, slows the motor down bringing the board to a stop.
- It is a good idea to get used to the brakes at low speeds prior to high speed braking. Slightly leaning back when braking can help prepare you for the momentum shift.

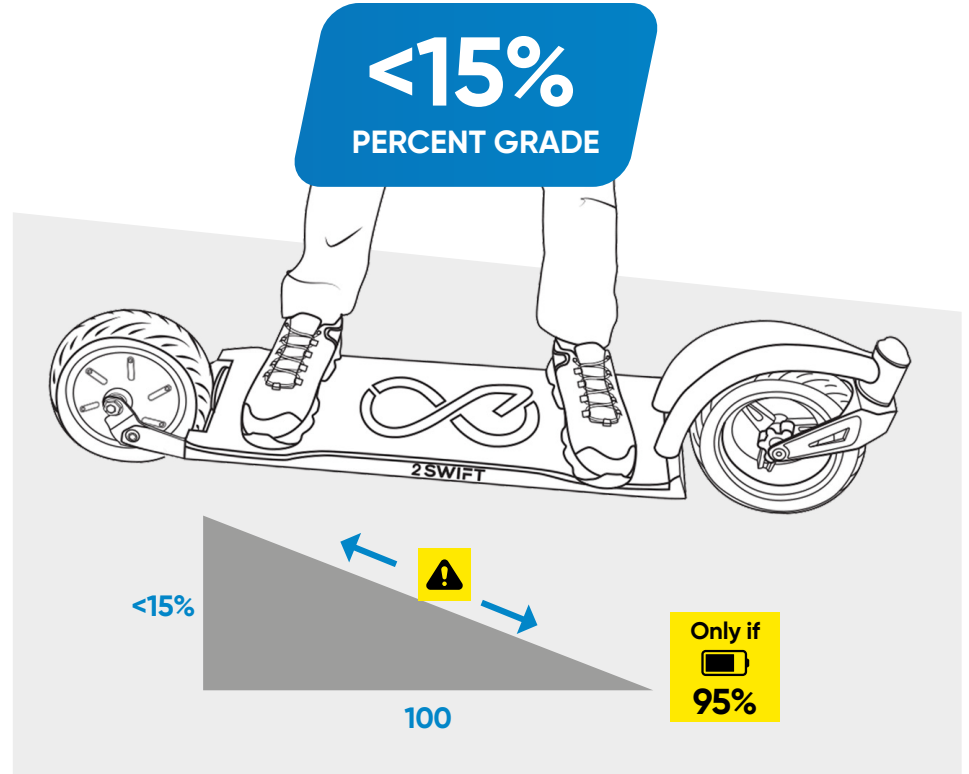
# Regenerative Braking Warning

## DO NOT ride down a hill on a fully charged battery

- Do not attempt to ride down a hill with a fully charged battery pack.
- Regenerative Braking only works if the motor has a place to put the energy that needs to be absorbed. If the battery is full, the energy has nowhere to go, therefore NO BRAKES.
- Deplete 5% of the battery prior to riding downhill.

## Descending a steep hill

- Riding down hills exceeding a 15% grade is extremely dangerous and may result in loss of control or damage to your 2Swift. This should be avoided at all cost.



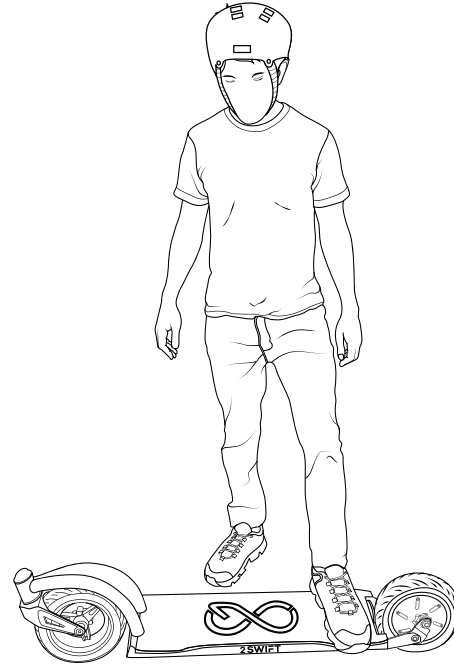
# Getting on the board

## When riding the board you want to keep the following things in mind:

- Wide base helps with stability at speed.
- Keep your feet perpendicular to the deck for better balance.

## To get started

- First, place your front foot on the board. Move it all the way up to the black tubes.
- Keep your back foot on the ground to the side of the board with your toes facing the board.
- Push off with your back foot to get the board rolling, place your back foot on the board against the blue kick plate.
- Slowly roll on the throttle with your thumb.
- You're off!

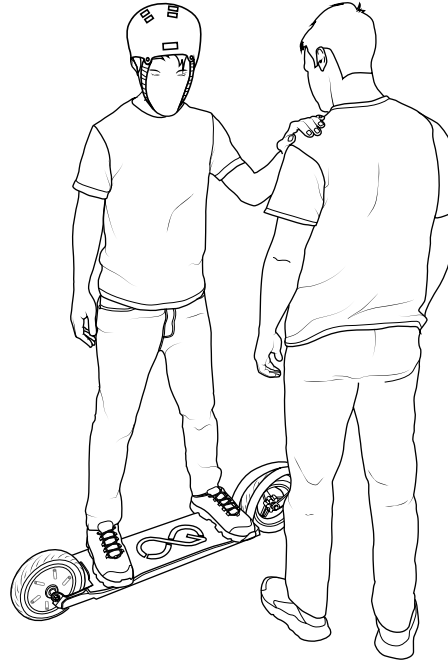


## How to ride

- Always wear a helmet and protective gear.
- Placing your front foot on the board kick off with your rear foot.

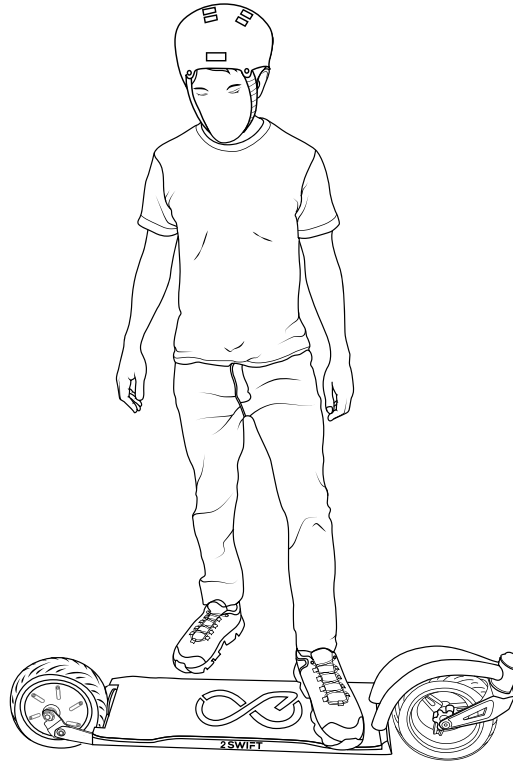
To assist with balance, it is helpful to lean on someone's shoulder while first learning how to start.

- Push forward on the throttle to accelerate.
- Note: The board is torque controlled. Ease into the throttle to slow the acceleration.
- Depending on your stance, lean toe side to turn the board one way and heel side will turn the other.

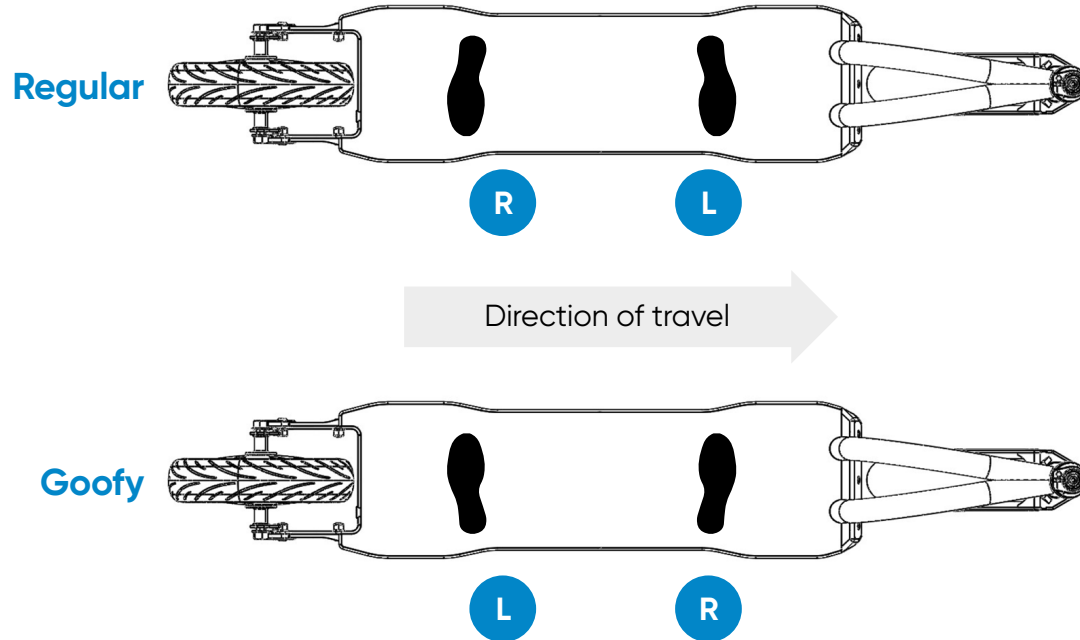


## Getting off the board

- To dismount, bring the board to a stop and remove your rear foot, placing it on the ground.
- Remove your front foot while laying the board down on its side.



# Foot placement



Foot placement varies from person to person.

Wider spaced feet leads to more stability.

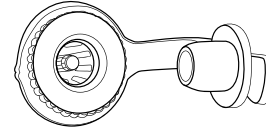
Starting with your front foot on the board is recommended.

# Board power and charging



## Power Button

On the right hand rail there is a power button to turn your board on and off. Press the button once to turn the board on. When on, and properly functioning, the LED on the button will light green. To turn the board off, press the button again. Forgetting to turn the board off may result in over discharging of the battery and the board may never turn on again. Always remember to turn off your board.



## Charge Port

On the left hand side rail there is a rubber cover concealing the charge port. The charger port is rated up to 4 Amps continuous charging. The power supply included from the factory provides the correct current and voltage for the board. Be sure to cover the charge port back up with the rubber cover to ensure dust, debris, and water stays out. **ONLY USE THE CHARGER SUPPLIED WITH THE BOARD!**



# Charging the board

BEFORE using the board, completely charge the battery.

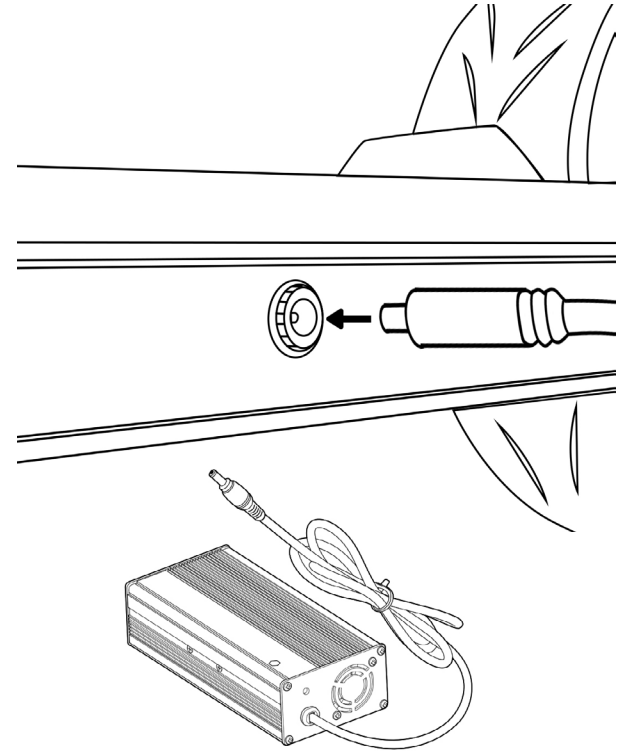
- 1 Connect the power to the charger by inserting the charger plug into a power outlet.
- 2 On the board, remove the rubber charge port cover from the charge port socket.
- 3 Plug in the charger to the board.

**The charger will show:**

- FULLY CHARGED      ● CHARGING

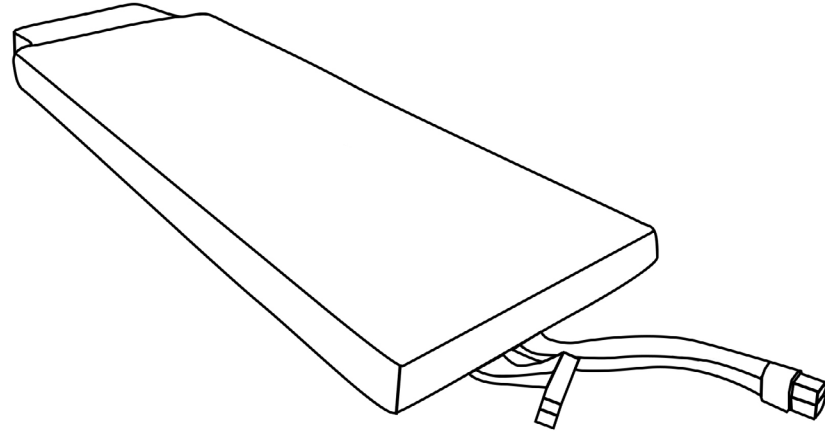
Once the board is fully charged, the light on the charger will be green. Remove the charge cord from the board and reinstall the rubber charge port cover. Unplug the charger from the wall outlet.

Do not lean the board on the charger cord when charging. This can damage the charger and charge port.

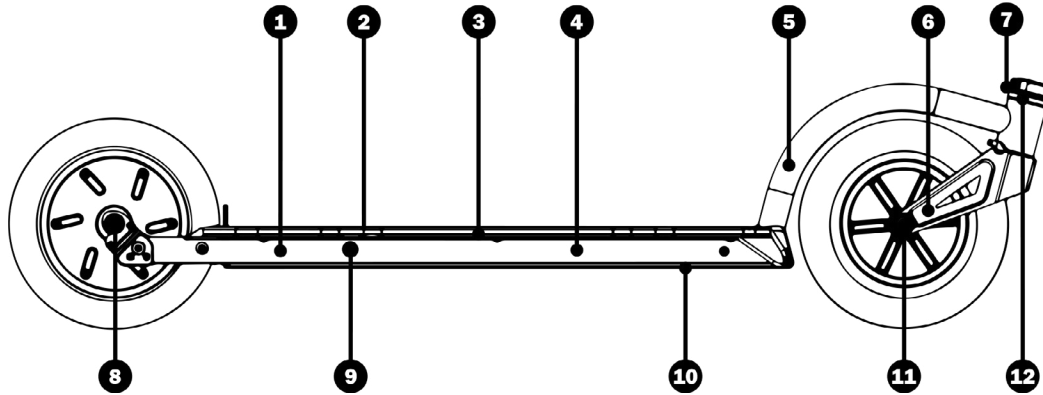


## Taking care of your battery

- Your battery uses various cells that are managed/maintained by a BMS (Battery Management System).
- The cells in the battery pack will only start to balance once the pack with fully charged.
- To ensure the intended lifespan of the battery and to prevent electrical malfunctions, minimize partial charging of the battery.

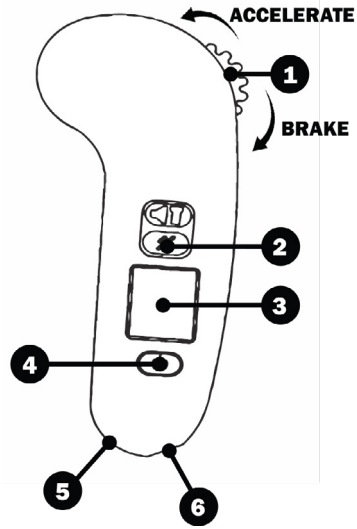


## Board overview

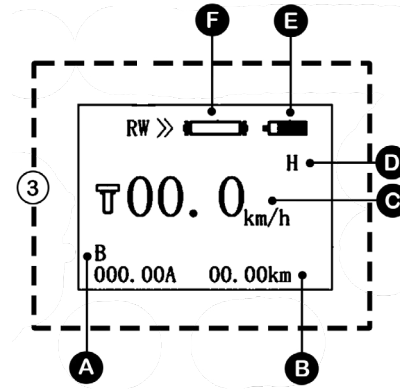


1. Motor Controller
2. Charger Port
3. Deck
4. Battery
5. Front Frame Tube
6. Steering Fork
7. Headset Clamp
8. Hub Motor
9. On/Off Switch
10. Skid Plate
11. Front Wheel
12. Damping Headset

# Remote overview



1. Accelerate Brake
2. Power Off  
(Hold with Power On Button)
3. Display Screen
4. Power On + Mode
5. Lanyard Loop
6. Charge Port



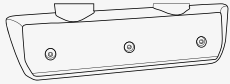
- A. Motor/Battery Current  
(Alternates every 5 seconds)
- B. Mileage
- C. Speed  
(low, medium, high)
- D. Speed Mode
- E. Remote Battery Level
- F. Board Battery Level

## General Board Care

The 2Swiftboard comes with an in wheel hub motor that greatly reduces maintenance and keeps you on the board! There are some basic measures to keep up with. Check the tire pressure to make sure the tire is holding the right psi rating, the axle bolt, headset bolt and rear carrier bolts are tightened to the right torque specification. If you find yourself riding in wet conditions, keep in mind that the boards are splash resistant and not waterproof, be sure to dry off the board when you can. When not riding, keep the board clean, dry and charged in a warm dry place. Do not leave your board in extreme hot or cold conditions.

To help increase battery life, it is beneficial to follow these guidelines: It will be fine to leave your board on charge for a couple days, however do not leave it on charge for several weeks plus. This can damage the battery cells. If you are going to leave your board for several months, leave the battery charge conditions between 40-50%.

# Maintenance



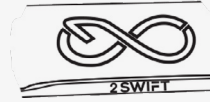
## Front Bumper

The front bumper will incur some wear over time. Keep an eye on this if it needs to be replaced.



## Tires

Inflate the front and rear tires to 35 PSI. This tire pressure setting is the most suited for everyday riding.



## Grip Tape

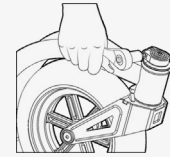
The best way to clean the griptape is using a grip tape eraser or bristle brush.



## Headset

Make sure the headset bolt is torqued to 1.7 NM.

\*Out of the box, the bolt will be pre-tightened to this specification.

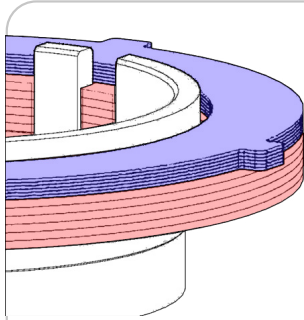


## Headset Clamp

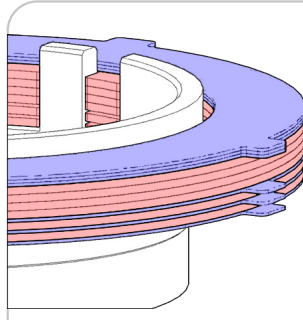
Make sure the headset clamp is torqued to 5 NM.

\*Out of the box, the bolt will be pre-tightened to this specification.

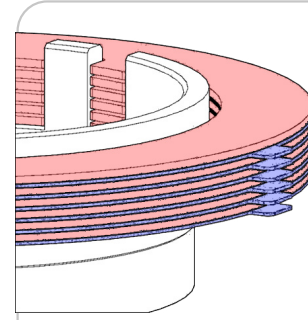
## Damping Headset



Min Steering Damping  
(1 Friction Surface)



Mid-Range Steering  
Damping (6 Friction  
Surfaces)



Max Steering Damping  
(11 Friction Surfaces)

Rearrange the friction disks on the headset to adjust steering damping.  
Mid-range setting recommended for the best performance.

# Troubleshooting

This manual is a quick start only. For more information and/or troubleshooting help please look at our website:

*<https://www.2swiftboards.com/>*



# Warranty

Your 2Swift electric skateboard is covered by a 6-month manufacturer's warranty, covering defects in craftsmanship and materials. Not covered is damage as a result of abuse, misuse, neglect, negligence, accident or exposure to water. Modification of components and/or tampering with the electronics voids the warranty. Wear items like wheels/tires, decks, bumpers and bearings are excluded from warranty and available for purchase through our website.

Retain your shipping box for return shipment. Warranty excludes damaged from shipping packaging. If you discover a product defect within 6-months of the ship date, contact us through our website's general inquiries page for warranty instructions.

## The warranty coverage can be voided for any of these reasons:

Crashes where your skateboard collides with another object or gets run over.

Water damage where your skateboard has been submerged, run in deep water or driven in deep snow where it has been submerged. Our boards are splash resistant, not waterproof.

The board has been thrown away and collides with another object.

The user changes settings in the motor controller which are higher than what it's been delivered with.

The user switches parts that have not been approved by 2Swift, or modifies existing ones.

The barcode/serial number has been altered or removed.

Work done by an unauthorized third party.

Damage done to the board from weather conditions (fire, flood, earthquake, freezing, lighting, etc.).

## If the product is found to be defective and the claim is filed during the warranty period the following options will be made available:

1. Repair: this can be done via phone call, email or servicing at no charge for parts and labor.
2. Replace: the product will be replaced with a new or refurbished replacement.
3. Refund: The amount paid for the defective product will be refunded.

## Return Policy

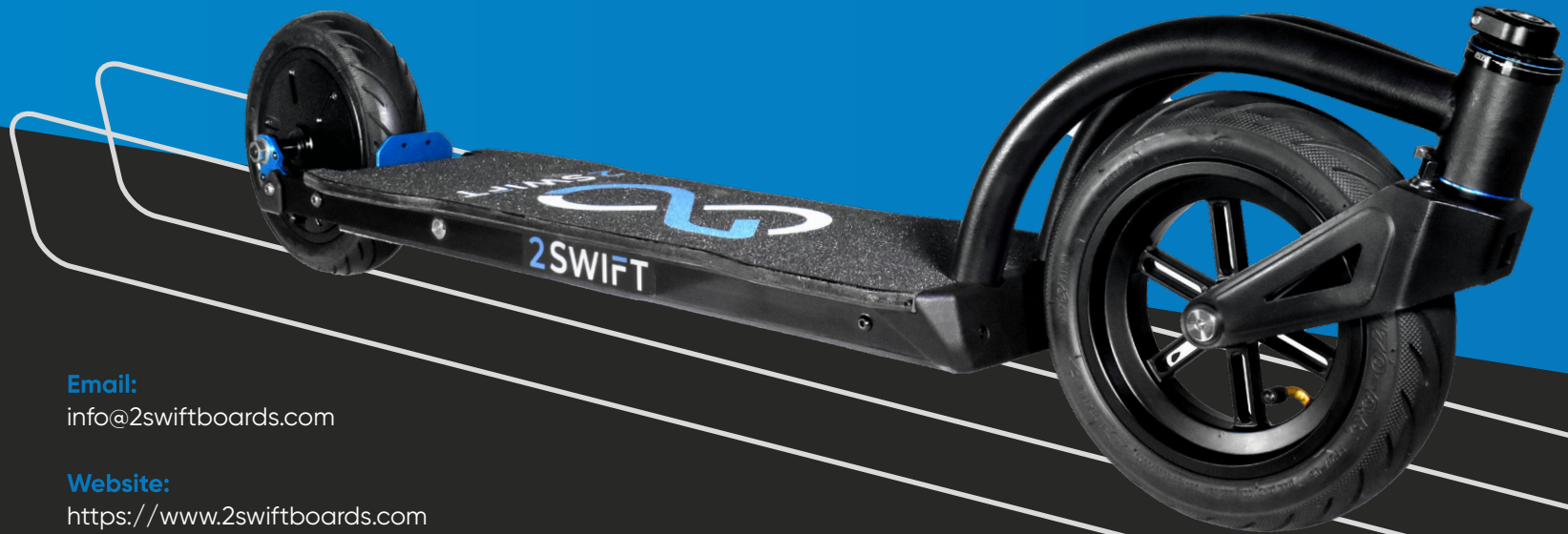
2Swift accepts returns on all unused and unopened items within 30 days of delivery. We are unable to accept refunds on any opened/used 2Swift boards or accessories. When a product is returned, a 5% restocking fee is applied which will be deducted from your total refund amount. All sales are final.

### Additional Information:

- You will have to pay for the return shipment to 2Swift.
- We recommend that you use a shipping method that provides tracking.
- 2Swift is not liable for any items damaged/lost in transit to us.
- A refund will be processed within 5 business days from receiving the product(s).
- Refunds will be processed back to the original payment method.
- If an item is deemed used/ridden, the product will be returned to the sender and no refund will be processed.







**Email:**

[info@2swiftboards.com](mailto:info@2swiftboards.com)

**Website:**

<https://www.2swiftboards.com>

**Instagram, Facebook, TikTok, & Youtube:**

[@2swiftboards](#)