

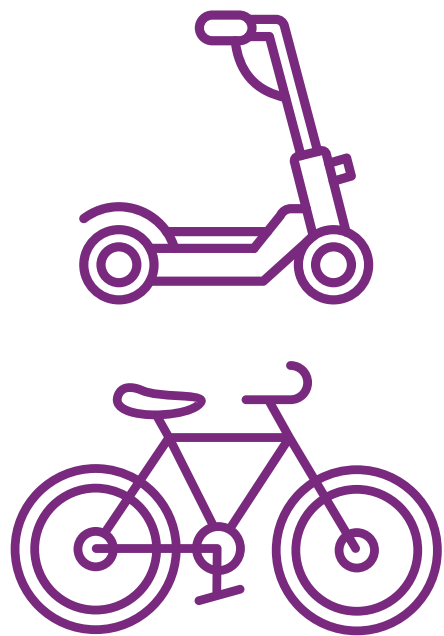
RIDE SMART. RIDE SAFE.

Your guide to e-scooters and e-bikes in BC



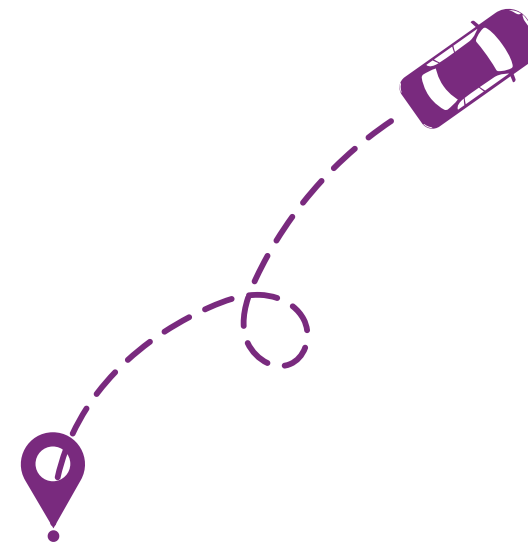
WHAT IS MICROMOBILITY?

Micromobility devices are compact vehicles designed for short trips and everyday transportation. **Micromobility makes transportation easy and fun!**



FAST FACT:

E-scooters and e-bikes are the two fastest growing forms of shared micromobility in Canada.



DID YOU KNOW?

Micromobility trips can replace car trips up to 10km, the distance of most daily errands.

E-SCOOTER 101

An electric kick scooter (or e-scooter) is a motorized version of the classic stand-up scooter, however, instead of relying solely on kick power, e-scooters are equipped with an electric motor and a rechargeable battery.

Using an e-scooter for the first time can feel tricky, but with practice, proper safety habits, and a good understanding of traffic rules, e-scooters are a useful tool for short errands and trips (or just for a fun ride around your community!)

E-scooters are only permitted in participating BC pilot communities, and local bylaws may vary.



E-SCOOTER 101



AGE CHECK:

16+ for e-scooters (BC law).

18+ for most e-share services like Evolve.



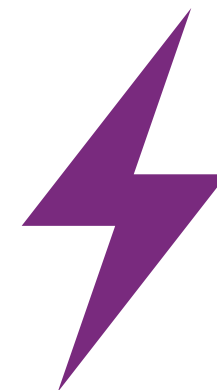
FAST FACT:

Most e-scooter motors are 250 to 500W, about the **same as a household blender.**

**SPEED
LIMIT
25**

TOP SPEED: 25 KM/H

That's about the pace of a city cyclist.



MAX MOTOR: 500W

That's the legal limit in BC.

E-BIKE 101

Electric-bicycles, also known as e-bikes, are those with an electric motor and battery that add power to the bicycle, allowing people of more ages and abilities to travel further, faster, even in the most hilly areas.

It's a standard bicycle, plus:

1. a small motor
2. a battery, that can be recharged through standard electrical outlets
3. a control unit, on the handlebars that displays information such as assistance level, battery, speed, and more.



E-BIKE 101

How do e-bikes work?

There are a few types/classifications of e-bikes that each provide power in different ways:

- **Pedal-assist e-bikes** provide a boost of power every time the rider pedals.
- **Throttle-only e-bikes** can add power without a pedal, anytime the rider triggers the throttle.
- **“Light” e-bikes** are pedal assist but cap out at 25 km/h, instead of the standard 32 km/h.
 - They also have a motor output of 250W as opposed to 500W! (which is the maximum output according to BC regulations)

REMEMBER: E-bikes and e-scooters rely on batteries. Keep an eye on the battery level to ensure there is enough to get you to your destination (or at least a charging outlet!)

E-BIKE 101



AGE CHECK:

14+ for “light” e-bikes.

16+ for most e-bikes (BC law).

18+ for most e-share services like Evolve.

**SPEED
LIMIT
25**

FAST FACT:

“Light” e-bikes cap assist at 25km/h and 250W, **great for younger or newer riders.**



RANGE: 40 TO 100KM

On a single charge (varies by battery, terrain, and load)

SAFETY EQUIPMENT

When riding a micromobility device in BC, it's the law to ride with safety equipment:

Helmet

Always wear a **CSA approved** helmet and adjust it to fit using the 2V2 rule:

2 fingers
above brow

V-straps
around ears

2 fingers under
chin strap



Lights

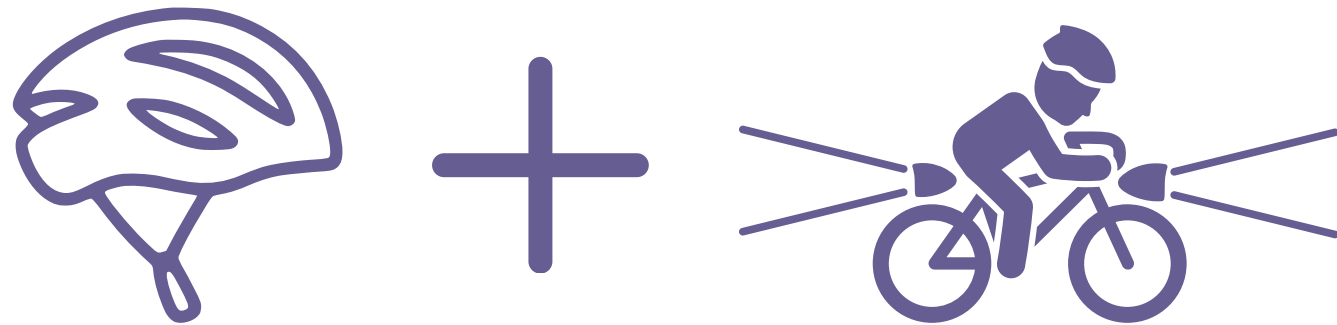
Required in low-light conditions. Use a forward-facing white light and rear-facing red light.

Pro-tip: Use lights during the day as well as night. It lowers the risk of being hit by **47%**.

Other safety equipment can include high visibility clothing or knee and elbow pads.

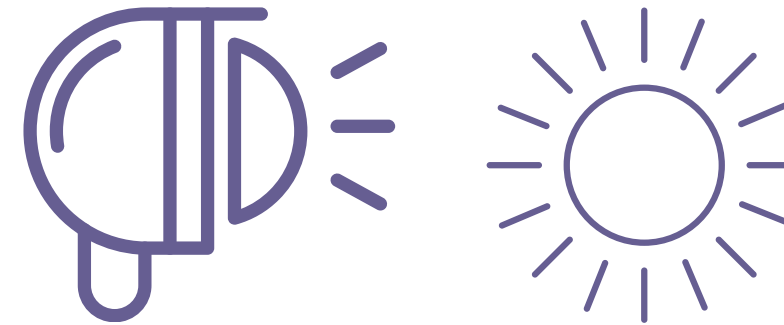
Utilize at your own discretion.

SAFETY EQUIPMENT



IT'S THE LAW:

Helmet + lights are mandatory in BC.
Required from sunset to sunrise.



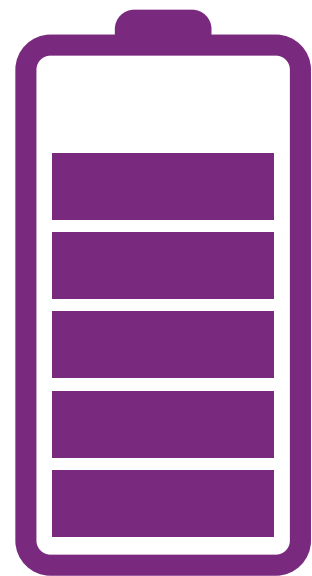
FAST FACT:

Research found that cyclists using
daytime running lights experienced a
47% reduction in multiparty crashes.*

**For more info: hubcycling.ca/resources/raise-your-bike-iq*

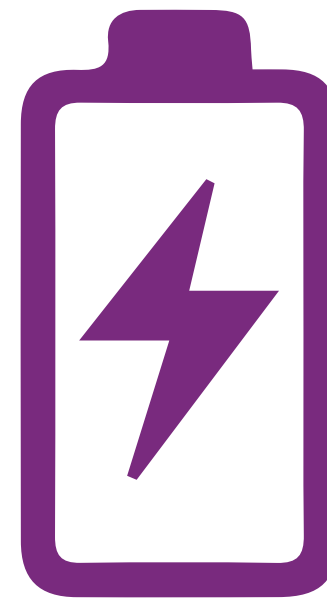
SAFE BATTERY HANDLING

Micromobility devices with lithium-ion batteries should only be charged to 100% when first used, and should be stopped at 80% for subsequent charges.



80% RULE:

After the first charge,
stop at 80% to
extend battery life.

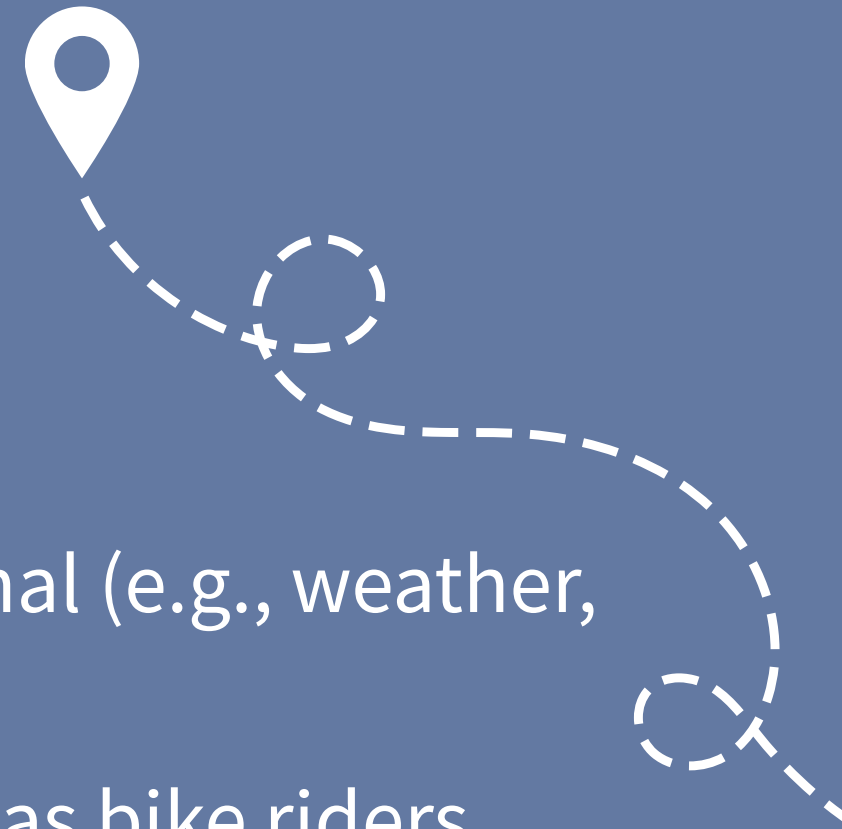


SAFETY TIP:

Always charge indoors, at
room temperature, away
from direct sunlight.
**Never leave charging
overnight unattended.**

PLAN YOUR TRIP

- Determine the purpose of your ride.
- Take into consideration a few key factors, both internal (e.g., skill) and external (e.g., weather, infrastructure).
- Choose a map or tool to draw your route. You can use similar mapping tools as bike riders.



PRO TIP:

Plan your route. New riders can search for All Ages and Abilities (AAA) bike routes, which are designed to be safe and comfortable for everyone, including new riders.

PLAN SMART:

Check your battery level, the weather, and your comfort level before choosing a route.

BEST PRACTICES

Always start slow and cautious, and use the following practices to ensure your safety:

1. **Stay visible.** Ride where you can be seen by others, wear bright clothes, and use your lights.
2. **Communicate.** Use eye contact and a bell/noisemaker/voice to communicate your intentions (e.g., when you're going to pass someone else).
3. **Be aware.** Frequently scan, listen and be aware to what is happening all around you (front, behind, sides).
4. **Limit speed.** Be conscious of your own speed compared to speed limits and the pace of others around you.
5. **Always ride solo.** E-scooters are designed to hold one person only. Riding with multiple people can cause damage, as well as increase the probability of crashes.

BEST PRACTICES

FIRST RIDES = HIGHEST RISK

Most injuries happen in the first few rides. **Start slow, stay cautious.**

RIDE SOLO:

E-scooters are built for one.

Two riders = higher crash risk + scooter damage.

SAFETY REMINDER: RIDE WITH A CLEAR HEAD, NOT UNDER THE INFLUENCE

Remember to ride with a clear head - it's dangerous and illegal to operate an e-bike or e-scooter while impaired by alcohol, drugs including cannabis, or other impairing substances. Keep yourself and other riders safe while enjoying your ride and avoiding fines, impoundment of your vehicle, and injuries.

RULES OF THE ROAD

When riding on streets, people have the same rights and responsibilities as they a car.

Key rights & responsibilities include:

1. Ride on the right side of roads and pathways.
2. Obey all traffic laws, signs, and signals.
3. Turn on lights in low-light conditions.
4. Take the lane when appropriate.
5. E-scooters are capped at 25 km/h; e-bikes at 32 km/h. Don't override these limits. Lower your speed when sharing the road with other active road users.
6. To turn left at an intersection on an e-scooter, you are required to do a "hook left turn."

RULES OF THE ROAD

KNOW YOUR LIMITS:

E-scooter max: 25 km/h.

E-bike max: 32 km/h.



Shared micromobility systems are designed with safety in mind. Speed caps, like the 25 km/h limit on Evolve E-Bikes and E-Scooters, help keep rides controlled and streets safer for riders and pedestrians.

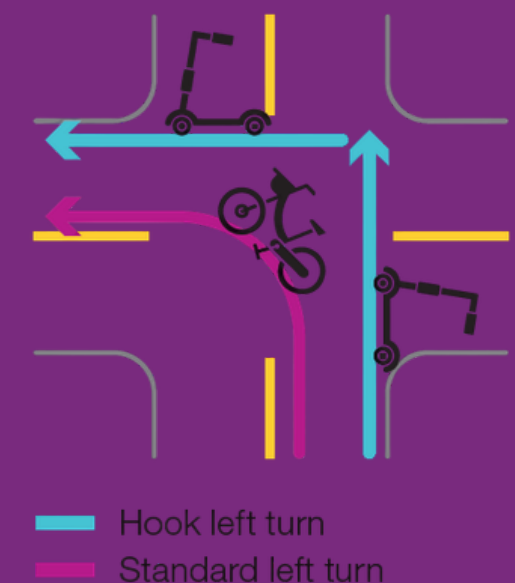
REMEMBER:



Same road = same rules. **Riders have the same rights and responsibilities as drivers.**

"HOOK LEFT TURN" FOR E-SCOOTERS:

- Ride straight through the intersection on the right side
- Stop on the far corner
- Reposition
- Then proceed when it's safe/your signal changes



BC LAW FOR E-SCOOTERS

Check if your municipality permits e-scooter use and for additional guidelines before you ride.



DID YOU KNOW?

Shared e-bikes and e-scooters programs support safer riding with tools like **speed controls, geofencing and rider education.**

E-SCOOTER RULES IN BC:

- 16+ to ride
- No sidewalks
- On roads 50 km/h or under only
- Max speed 25 km/h
- Max motor 500W



NEXT STEPS

Want to practice before purchasing a scooter? Check out HUB Cycling's micromobility course or our e-bike course at a community near you!



Visit an Evolve Ride Safe Event hosted by HUB Cycling trained educators and get practical, trusted guidance firsthand.

evo.ca/ride-safe-events



Enroll in a HUB Cycling StreetWise Course

<https://hubcycling.ca/education/adults>



SCAN. LEARN. RIDE.



Metro Vancouver cycling maps

hubcycling.ca/resources/maps



Capital Region cycling maps

capitalbike.ca/maps



BC cycling maps

ridewithgps.com

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BC E-Scooter Pilot Communities

www2.gov.bc.ca/gov/content/transportation/driving-and-cycling/cycling/personal-mobility-devices/scooter



HUB Cycling Streetwise Cycling Education

<https://hubcycling.ca/education/programs/streetwise/swco>



HUB Cycling Safety Tips

<https://hubcycling.ca/resources/raise-your-bike-iq>

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HUB Cycling

hubcycling.ca/micromobility



Capital Bike

capitalbike.ca



Evolve E-Bike & E-Scooter Share

evo.ca/evolve

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