

e powered by



BOSCH



**BOSCH Smart System
E-BIKE QUICK START GUIDE**

Welcome to the family!

This quick start guide explains the basic operation of the Bosch smart system on your bike. This guide is also available online in your language. Use the codes or links below to access the online guide.

Even if you've been riding a bike for years, you should read this guide, as well as:

- The Bicycle Owner's Manual that came with your bike
- The comprehensive Bosch smart system manual, found online at:

TREK

trekbikes.com/manuals



Diamant®

dianantrad.com/bike-handbuecher



Electra

electra.trebikes.com/electra-manuals



These manuals contain important safety information and useful suggestions about the proper use and maintenance of your bike and how to properly dispose of electrical components. If you do not have access to a computer or the Internet, you can request a printed manual from your local authorized retailer.

⚠ Read all instructions.

What you don't know could seriously hurt you or others. Be smart. Read and know before you go.

A few things to know about riding your new e-bike

1. Start slow

We know — fast is fun. But e-bikes take a bit of getting used to. It may be tempting to ramp your e-bike up to the fastest setting right away, but we recommend taking it nice and easy the first few rides. Start on the lowest assist setting and learn the feeling of pedal assistance.

2. Brake sooner

E-bikes are heavier than normal bikes, and they move faster. More power, more speed, and more weight. Once you get moving, you'll need more time to react, so you should start slowing down sooner on your e-bike than you would on a normal bike. When you're getting used to your new e-bike, start braking with a lighter hand and a gradual pull of the brake levers. And never grab just your front brake lever — brake with both front and rear evenly.

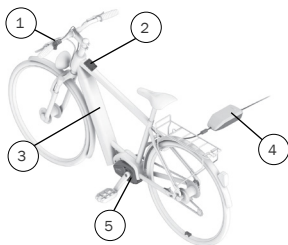
3. You're faster than you look

E-bikes look just like regular bikes, so drivers and pedestrians might not expect you to be riding as fast as your e-bike allows. Ride with extra care and pay greater attention to your surroundings.

4. All bike rules still apply

While your new e-bike will bring you a new level of freedom and fun, you're still responsible for knowing and following all the rules of the road, paths, and trails in your area. Have fun out there, but with greater speed, there is greater responsibility!

Bosch smart system

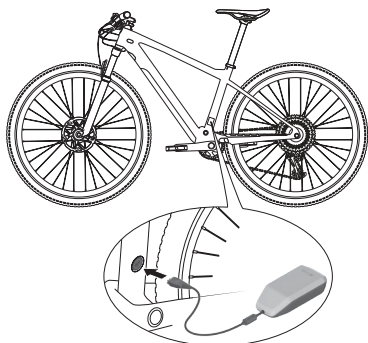


- ① Remote
- ② Display
- ③ Battery
- ④ Charger
- ⑤ Drive unit

Charge the battery

- The battery is supplied partially charged. For best performance, fully charge the battery before riding your e-bike.
- The battery can be charged while installed on the bike or off the bike.
- LEDs indicate the level of battery charge.
- While the battery is charging, the top LED on the remote and the LEDs on the battery will flash.

On the bike



Charge

Each blue = 20%
Each white = 10%

Example

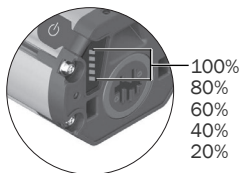
4 blue LEDs
+ 1 white LED
= 81 % to 90% charged



Off the bike



LEDs flash while battery is charging. All LEDs will be lit when fully charged.



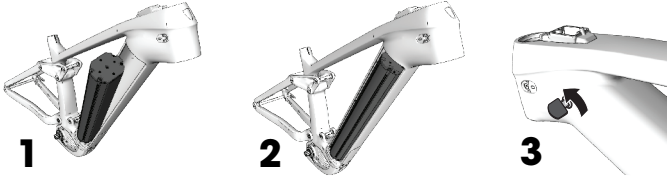
Be safe. Follow these safety warnings when charging your battery:

- Only charge the battery with a Bosch smart system charger. Using the wrong charger risks the life of the battery and presents a potential fire hazard.
- Only use the charger in dry, indoor areas.
- Do not leave a charging battery unattended.
- When the battery is fully charged, disconnect the charger from the battery and wall socket.

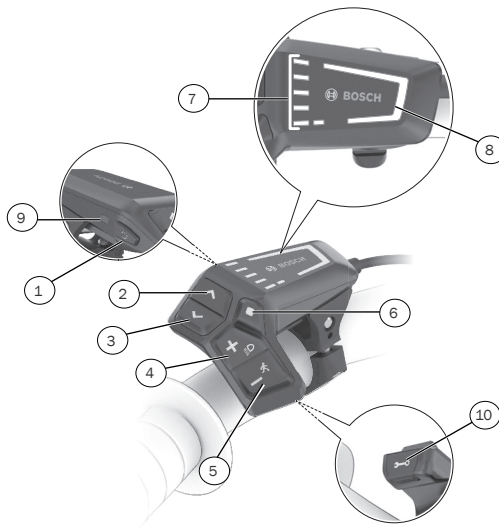
Install or remove the battery

Before installing or removing the battery, make sure the battery and remote are OFF. No LEDs should be illuminated on either component.

Install: 1 ▶ 2 ▶ 3 **Remove:** 3 ▶ 2 ▶ 1



Remote overview

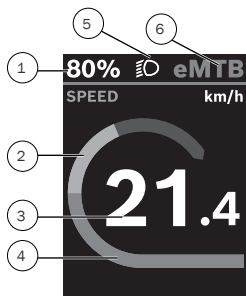


- 1 Power — Turns the smart system ON or OFF
 - 2 Next screen / Brighten screen
 - 3 Previous screen / Dim screen
 - 4 Increase pedal assistance / Scroll up / Turn ON/OFF bike light (if equipped)
 - 5 Decrease pedal assistance / Scroll down
 - 6 Select — Access the second level of data / Open page-related options and settings
 - 7 Battery charge status LEDs
 - 8 Pedal assistance — Color indicates level of assistance.
 - 9 Light sensor — For screen brightness
 - 10 Mini USB port — Diagnostic tool use only
- Walk assistance

Display overview

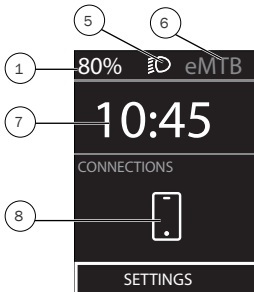
- Next or previous screen, press ◀ or ▶.
- Scroll up or down, press + or -.
- Access the second level of data, press and release ⬇.
- Reset your trip data, press and hold ⬇.

Overview Screen



- ① Battery charge
- ② Rider contribution to current speed
- ③ Current speed
- ④ Drive unit contribution to current speed

Status Screen



- ⑤ Lights (if equipped)
- ⑥ Pedal assist level
- ⑦ Current time
- ⑧ Connected device

Note: To access the full functionality of the display, you need a compatible smartphone with the e-Bike Flow app installed (See [Bosch Flow app on page 6.](#))

Settings Screen

1. Go to the status screen.
2. Press and hold ⬇.

In settings, you can edit:

My e-bike

- Range
- Auto trip
- Wheels
- Components

System

- Language
- Units
- Time
- Time format
- Brightness
- Setting reset


Information


- Contacts
- Certificates

Note: Settings cannot be accessed while riding.

To exit settings, press and hold. ⬇

Turn the smart system ON or OFF

ON: Press and release .

OFF: Press and hold  until the LEDs on the remote are off.

Note: The smart system will automatically turn off if the bike is not moved, nor any buttons pushed for 10 minutes.

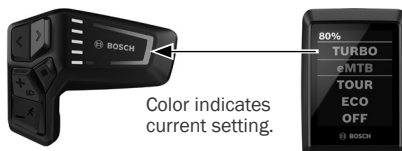
Use pedal assistance

You've got places to be and people to see, so get going.

Level	LED color	Level of support
Eco	Green	Minimal assistance, maximum battery range
Tour	Blue	Steady assistance
eMTB/Sport	Purple	Optimal support for a variety of terrain, fast start
Turbo	Red	Maximum support even at high cadence

1. Set the level of assistance.

Press  or .



2. Start pedaling. This bike won't pedal itself.


Pedal assistance

- Can be set before you start pedaling or changed while you are pedaling
- Automatically stops when:
 - You stop pedaling or reach the maximum assist speed
(Maximum speeds vary by region. Check with your local Trek retailer.)
- Automatically restarts when:
 - You start pedaling again
 - You are pedaling and your speed drops below the maximum assist speed

Use walk assistance

Walk assistance provides a little push for those times when you are walking or pushing your bike. Shifting your bike into a higher gear increases the speed of walk assistance, up to the max speed.

⚠ Walk assistance should only be used when you are walking your bike. Never use walk assistance when you are riding your bike, or in situations where the wheels are not touching the ground.

1. Press and hold the  button.
2. While holding the button, walk the bike forward, backward, or tilt the bike to activate walk assistance.



3. To turn off walk assistance, release .

Monitor your battery use

To keep the good times rolling, monitor your battery charge. When the battery is running low, the bottom two LEDs will change color.



Low battery

2 orange: 30 % to 21 %

1 orange: 20 % to 11 %

1 red: 10 % to reserve

1 red flashing: reserve to empty

Bosch Flow app



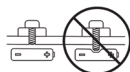
Bosch offers an app to customize your settings, track your riding activity and create a digital lock key for the bike – all on your phone. For details about the app, please refer to www.bosch-ebike.com. Download the app from the App Store or Google Play.

Care for your battery and e-bike

Along with the fun of having an e-bike comes a few special warnings to keep you and your bike safe.

Install accessories carefully

Consult with a certified e-bike technician before installing accessories. Using the wrong bolt in the wrong place could cause a short circuit in the electrical system and/or damage the battery which might lead to over-heating. A battery that has been severely impacted could catch fire. If you suspect damage to your battery, visit your local bike shop immediately to have the battery inspected.



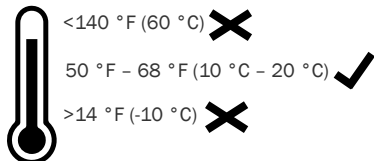
Transport your e-bike safely

- The Bosch drive system adds weight to the bicycle. Overloading a bike rack can result in death or serious injury. Refer to your bicycle rack manual to be sure it is compatible with your e-bike.
- Remove the battery from the e-bike and put it in the passenger cabin for safe and secure transport. A battery left on the bike could loosen during transport and become a hazard.
- Do not leave the battery in your car in the summer. The temperature inside your car could exceed 140 °F (60 °C). Extreme heat could damage your battery or cause it to catch fire.

Store the battery properly

If you won't be riding your e-bike for 3 months or more, remove the battery from the bike, and take the following steps to properly store it.

- Store your e-bike battery in a dry, ventilated location that is away from moisture, heat sources, and combustible or easily flammable objects.
- Store your battery at the recommended temperature. Storing your battery outside of this range could damage the battery, affect its performance or cause the battery to catch fire.



- Monitor the battery charge. Keep the battery charged to a minimum of 30% to 60%. The battery can be damaged by deep discharge.
- When the battery charge is restored, remove the battery from the charger. Do not store your battery connected to the charger.

Wash your e-bike gently

Do not submerge your e-Bike or its components in water or wash them with a high-pressure hose. Water could contact the electrical system and damage it.

Repair and maintain your e-bike safely

Always remove the battery before beginning any maintenance work on your e-bike. Never attempt to open any parts of the electrical system. Always contact your local bike shop to service any parts of the electrical system.

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