

# Tips On Getting the Most From Your New KHS e-Bike!

This KHS bicycle features eAssist power. It is designed to be pedaled as a bicycle (human-powered) for fun and fitness, yet offers assistance (from the motor) when needed. We recommend pedaling most of the time. Only use the THROTTLE if necessary.



Pic. 1

Turn key counter-clockwise to unlock



Pic. 2

Gently slide battery out, then back in



Pic. 3

Turn key clockwise to locked position

## STEP 1 – Check the Battery Mount

Make sure the battery is properly mounted. Insert the key into the lock, turn counter-clockwise to unlock (Pic. 1), pull the battery out slightly, then push it back in completely (Pic. 2). Turn the key clockwise to lock the battery in place (Pic. 3). Remove the key and keep it in a safe place. (We recommend keeping your second key on a leash with the battery charger).



Pic. 4

Battery in the LINE/ON (|) position



Pic. 5

Battery in the OFF (O) position



Pic. 6

Battery indicator lights

## STEP 2 – Turning On and Checking Battery Charge

To turn the battery on, push the button on the left side of the battery to the LINE/ON (|) position (Pic. 4). After your ride, turn button to the OFF (O) position to turn the battery off (Pic. 5).

Always begin your ride with a fully charged battery. To check the power, locate the battery indicator lights on top of the battery (Pic. 6). Push the button to show the charge:

**3 green lights** - indicates the battery is fully charged

**1 green light** - indicates the battery is low and should be charged

**1 red light** - indicates battery must be charged

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Pic. 7

Push shifter to a low gear (2, 3, or 4)



Pic. 8

Begin with the chain on one of the larger (easier) rear cogs

### STEP 3 – Beginning Your Ride - Starting from a Stop

Before your ride, we recommend shifting the rear shifter (Pic. 7) until the chain rests somewhere on the middle to large gears (easier pedaling gears) (Pic. 8). This will help you have a smoother start.

To begin your ride, sit on the bicycle with both hands on the handlebars. The Control Unit is located on the left side of the handlebar (Pic. 9). Locate and press the **M** button to turn the unit ON. Press the Minus ( — ) button until it indicates Level 1. You are now ready to begin riding.

From a stopped position, there are two ways to begin riding with the assist. 1) Begin pedaling and the assist will automatically begin as you pedal, or 2) Push the throttle button lightly, and as the bike begins to roll forward, in a few seconds (1-2 seconds) you can release throttle button and begin to pedal. We recommend to start slowly and ride in a straight line. Please note: If you push the throttle aggressively, the bicycle will start faster and quicker than a regular bicycle. Also note that when you stop pedaling or coast, the motor will continue when the Throttle Button is being pushed.



Control Unit

Throttle Button

Pic. 9

Choose LEVEL 1 to begin your ride



Index Finger Trigger  
(For higher/faster gears)

Thumb Shift Lever  
(For lower/easier gears)

Pic. 10

As you're coming to a stop, shift to a lower gear for your next start

### STEP 4 – Using e-Motor During Your Ride

There are 5 power levels. We recommend starting in Level 1, and only increasing the power when needed. As the Power Levels increase, so too, does the power consumption. For example, Level 5 offers more speed and power, but reduces battery life quickly. Using the throttle to engage the motor helps when the terrain starts to go uphill, but the battery will deplete quicker when being used to go uphill. Using the throttle to engage the motor is useful on the last few miles of a long ride.

To maximize battery time and mileage, use it on lower levels (such as 1, 2, and 3), and only when necessary. Using it on high levels (such as 4 & 5) steadily will deplete the battery power more quickly. If too much power is used (ex: Throttle used uphill extensively) the motor may overheat the system and shut-off. Rider may need to allow the motor to cool down before continuing.

To slow down (if using the Throttle Button, release the Throttle button) stop pedaling, and gently apply the brakes as necessary. Also, if it is safe to do so, as you are slowing, shift to an easier gear (Pic. 10) in anticipation of your next start.