

KS

RAGE CIRCUIT

WIRELESS ELECTRONIC DROPPER
USER MANUAL

📖 READ THIS FIRST

Thank you for purchasing a new KS Height Adjustable seat post. Your new seat post is warranted for a period of two years from the date of purchase. The warranty is expressly limited to the repair or replacement of the defective part and is the sole remedy of the warranty. The warranty applies only to the original owner and is not transferrable, Proof of purchase is required to validate warranty eligibility. The warranty does not cover normal wear and tear, routine maintenance, improper installation or improper use of the seat post. Modification of the seat post in any manner shall void the warranty. Kind Shock Hi-Tech Co. Ltd. shall not be responsible for incidental or individual costs incurred by the warranty service provider that are not covered by this warranty. The user assumes the risk of any personal injury or property damage, including damage to the seat post, and any other losses, if the seat post is modified or improperly used at any time. This warranty gives the consumer specific legal rights and those rights vary from state to state. This warranty does not affect the statutory rights of the consumer.

⚠️ ATTENTION

This is a high performance product. It will give you reliable service if it is installed properly and regularly maintained by an authorized KS Service Center. Please read through these instructions fully and follow them carefully before you install your new seat post. If you need assistance locating a qualified service technician, KS Service Center locations can be found at www.kssuspension.com.

NOTE: It is normal for some models of KS dropper to extend when pulled. This may occur when hanging the bicycle by the saddle but does not damage the dropper. When the bike is no longer hung by the saddle, it will return to the rider-prescribed ride height.

⚠️ WARNING

Do not disassemble your seat post. Disassembly could cause damage and severe personal injury as some of the contents are under pressure. Failure to follow these warnings and instructions will immediately void your warranty.

INSTALLATION VIDEO

Wireless Dropper



Wireless Remote



BEFORE INSTALLATION

Please be sure your new KS seat post is designed to fit in your frame. All KS seat posts are designed to fit either 27.2mm, 30.9mm, 31.6mm or 34.9mm seat tube inner diameters only. Improper fit may cause slippage, binding, faulty performance, injury and may result in void of warranty.

🔧 KS Suspension DOES NOT recommend modification or alteration of your frame in any way. Doing so may void your frame or bicycle's warranty and may result in frame failure which could lead to injury or death.

🔧 Make sure your frame is clean and free of debris, grease and the inside of your seat tube is smooth and free of any object that may score the seat post.

🔧 Apply grease to all seat post bolt threads.

🔧 Alloy models: Apply friction or anti-seize compound (do not use grease) to the inside of the frame's seat tube and inserted surface of the seat post. Carbon Models: For models using a carbon mast or alloy mast in a carbon frame, always install in a clean dry frame and always use fiber prep or suitable compound.

🔧 Always use the torque wrench when tightening the seat post binder bolt. DO NOT EXCEED 5n-m.

SEAT POST ORIENTATION

← Front of Bicycle

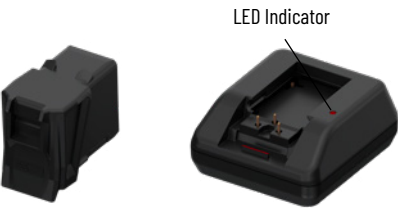


Rear of Bicycle →

CHARGING AND BATTERY CARE

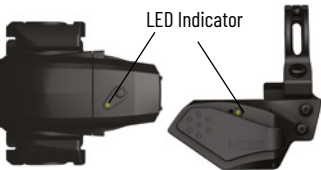
Charge your battery for a minimum of 1.5 hours the first time. The red LED indicator will change to green when charging is complete. Please use a USB Type-C cable to power your charging cradle. Input 5V / 1A. Charging temperature below 45° Celsius. Output 8.4V 0.54.

To maximize battery longevity, it is recommended to remove the battery when not in use or in storage. Always transport the Rage Circuit with the dummy battery that is included with the unit.



🔧 The working temperature should not be lower than (-10~50°C) celsius nor above 50° Celsius. There is a risk of fire or explosion if an incorrect battery type replaces the original battery.

🔧 Do not disassemble/crash/squeeze or throw into fire. Do not use the battery if there is severe bulging. Do not place in high temperature environment. Do not use the battery after immersion in water!



The color of the LED on the Rage Circuit dropper and remote will indicate the amount of power remaining.
Green = 100% - 30% charge, up to 55 hours operation time
Yellow = 30% - 20% Recommended charging before use
Red = 15% wireless connection is lost

MINIMUM INSERTION

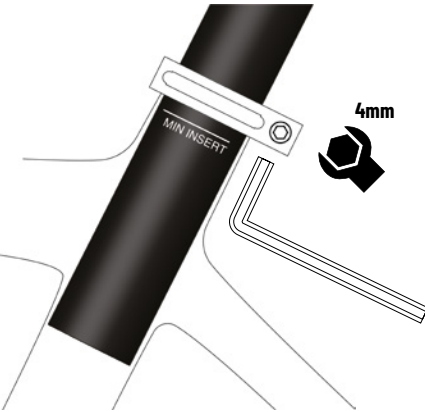
All seat post models must be inserted into the bicycle's seat tube to cover the minimum insertion line indicated on the seat post.

🔧 Insufficient insertion of the seat post into the bicycle frame's seat tube could result in damage to the seat post and/or bicycle and may result in a loss of control of the bicycle which may lead to serious injury or death.

SEAT COLLAR TORQUE

Tighten your frame's seat collar to a recommended torque of 5 N-m.

🔧 Do not over torque your frame's seat collar as this may inhibit proper function of your seat post.



FIRST USE

To lower the saddle, weight the saddle firmly with your hand or sit on the bike while pressing and holding the paddle on the remote pod. Release the paddle when the desired height is reached. To raise the saddle, unweight the saddle while pressing and holding the paddle on the remote pod. Release the paddle when the desired height is reached. You can raise and lower your saddle to any desired position within the seat post's travel.



GENERAL CARE AND MAINTENANCE

BEFORE EACH RIDE

Before each ride, check that the seat post is secure in the frame and that all clamping bolts are tightened to their specified torque values. Make sure that your seat post does not show sign of excessive wear and is not leaking. Check that the seat post functions properly. Make sure that the maximum raised position of the seat post is not too high for the rider to properly maintain control of the bicycle.

PERIODIC MAINTENANCE

Your KS seat post requires periodic service to maintain consistent function. Please see your local dealer to have this service performed. Routine maintenance should be done at regular intervals. Interval duration will depend on frequency of use and conditions. The seat post should be cleaned and lubricated at least once every 6 months. Wet or severely dusty conditions will require more frequent maintenance. If degradation of performance occurs, perform maintenance as soon as possible. Videos of service procedures on all models are available at <http://kssuspension.com/support>.

For more information, please contact your local Service Center. Service Center contact information can be found at <http://www.kssuspension.com>.

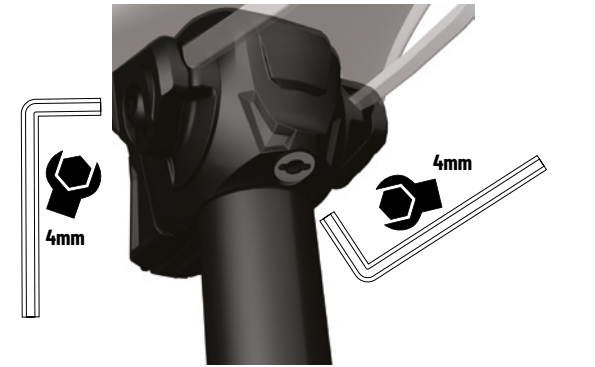
SADDLE INSTALLATION



Install the saddle and left and right saddle retainer caps to hold the saddle rails.

Insert the though bolt and thread back in but do not fully tighten at this time.

Use a 4mm hex wrench to loosen the outer cap for the saddle angle adjustment screw. Use 3mm hex wrench on inner saddle angle adjustment screw to make fine adjustments to the saddle angle. Tighten the outer caps.



CLEANING PRECAUTIONS FOR THE WIRELESS DROPPER SEATPOST

To ensure the longevity and proper functioning of your wireless dropper seatpost, please follow these important guidelines when cleaning your bicycle:

🔧 Always remove the main battery from the seatpost and replace it with the supplied dummy battery before any cleaning operation. The dummy battery is specifically designed to protect the electronic components during transport, storage, and cleaning. Keeping the main battery away from any moisture reduces the risk of short circuits or damage.

🔧 Never spray water directly at the seat post, and especially not at the seat post head. Even with the dummy battery installed, high-pressure water can force moisture into the sensitive electronic components, leading to potential malfunctions. Avoid pressure washers entirely.

🔧 For best results, clean the seat post using a soft brush or cloth. Focus on removing dirt and debris without excessive water use. This method is not only safer for the electronics but also helps preserve the condition of the seals and moving parts.

🔧 After cleaning, before reinstalling the main battery, carefully check that the battery compartment is completely dry. Moisture inside the housing can lead to corrosion or short-circuiting once the battery is powered on.

MORE INFORMATION

Full documentation for all KS Products can be downloaded at: www.kssuspension.com/support

KS

INSTALLING THE REMOTE

Position the hinged remote perch clamp on the handlebar in the desired location. The remote is designed for left hand use only. Affix the remote pod to the mounting perch in the desired inboard or outboard positions according to your preference. Both the clamp bolt and remote pod fixing bolt should be torqued to a maximum of 3 N-m.



The remote pod uses a CR2032 battery and is not rechargeable. This battery is estimated to last approximately 8 months under normal use and within the operating and storage temperature ranges. Input rating: 3V / 0.22A Output rating: 3V 6mA

⚠️ WARNING

Keep out of reach of children. This product contains a button battery. Swallowing the battery can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately if the battery is swallowed.