

HEIGHT ADJUSTABLE SEATPOST USER MANUAL

READ THIS FIRST

Thank you for purchasing a new ExaForm Height Adjustable seatpost. Your new seatpost 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 seatpost. Modification of the seatpost in any manner shall void the warranty. YenYue Hi-Tech Machinery 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 seatpost, and any other losses, if the seatpost 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 ExaForm Service Center. Please read through these instructions fully and follow them carefully before you install your new seatpost.

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

ExaForm Height Adjustable seatposts must be regularly maintained by an a qualified service technician. If you need assistance locating a qualified service technician, Service Center locations can be found at www.exa-form.com. Do not disassemble your seatpost. 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.



HEIGHT ADJUSTABLE SEATPOST USER MANUAL

BEFORE INSTALLATION

Please be sure your new ExaForm seatpost is designed to fit in your frame. All ExaForm seatposts 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.



ExaForm **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 seatpost.



Apply grease to all seatpost bolt threads.



Alloy Models: For models using an alloy mast in alloy bike frames, apply friction or anti-seize compound to the inside of the frame's seat tube and inserted surface of the seatpost. **Do not use grease.**



Carbon Models: For models using an 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 seatpost binder bolt. **DO NOT EXCEED 5n-m.**

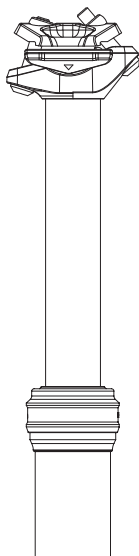
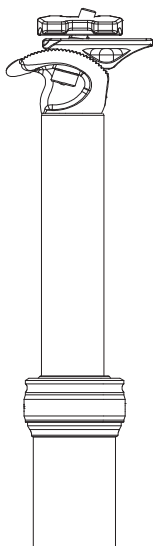
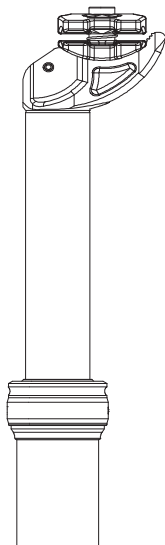


HEIGHT ADJUSTABLE SEATPOST USER MANUAL

SEATPOST ORIENTATION**GENERAL**

← Front of Bicycle

Rear of Bicycle →

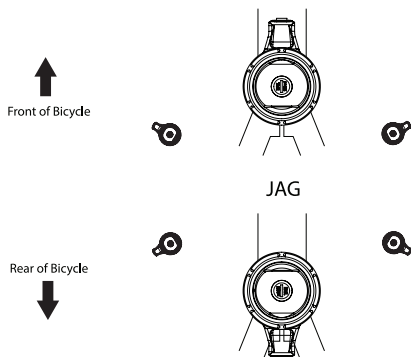
**2-Bolt
Microadjust****2-Bolt****Single bolt**

HEIGHT ADJUSTABLE SEATPOST USER MANUAL

SEATPOST ORIENTATION

ZERO MOVEMENT CABLE MODELS

To accommodate all frame styles and cable routing configurations, Zero Movement Cable Series seatposts can be oriented in varying increments as shown below:



Remove stanchion cartridge and reinsert at desired orientation.
6 orientations available for Jag Series.



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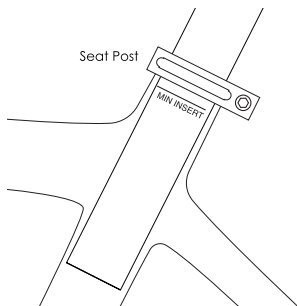
MINIMUM INSERTION

MINIMUM INSERTION DISTANCE

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



Insufficient insertion of the seatpost 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.

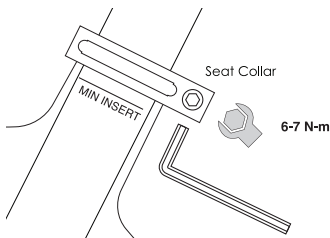


SEAT COLLAR TORQUE

Tighten your frame's seat collar to a maximum torque of 7 N-m. Do not over torque your frame's seat collar as this may inhibit proper function of your seatpost.



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





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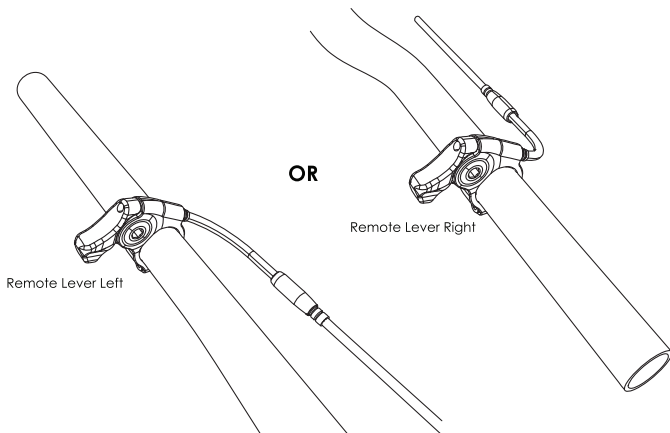
DETERMINING CABLE LENGTH

INTERNALLY ROUTED CABLE

Temporarily install the remote lever in the desired final location. The remote can be installed on either the right or left side of the handlebar.

NOTE: you will use this position to determine cable length but will remove and reinstall the lever again in a later step.

Install the supplied elbow noodle with integrated barrel adjuster and insert cable housing into the barrel adjuster.



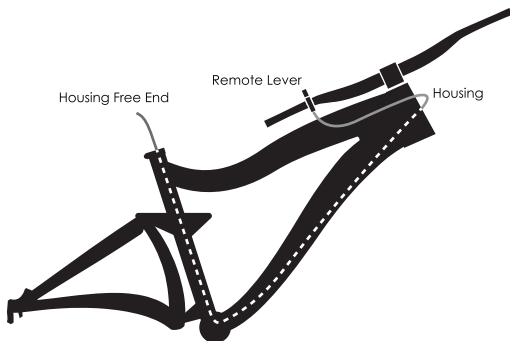
HEIGHT ADJUSTABLE SEATPOST USER MANUAL

DETERMINING CABLE LENGTH**INTERNALLY ROUTED CABLE**

With the housing and noodle in place at the remote lever, route the housing through your bicycle frame per your bicycle frame manufacturer's specifications.

To determine the correct length for your housing, pull the housing to remove excess slack with the handlebars turned 90-degrees from the forward position. Be sure the housing is long enough to wrap around the head tube as shown to not impede with steering.

NOTE: Do not permanently affix your housing in place. You will need it free to move it in a later step.





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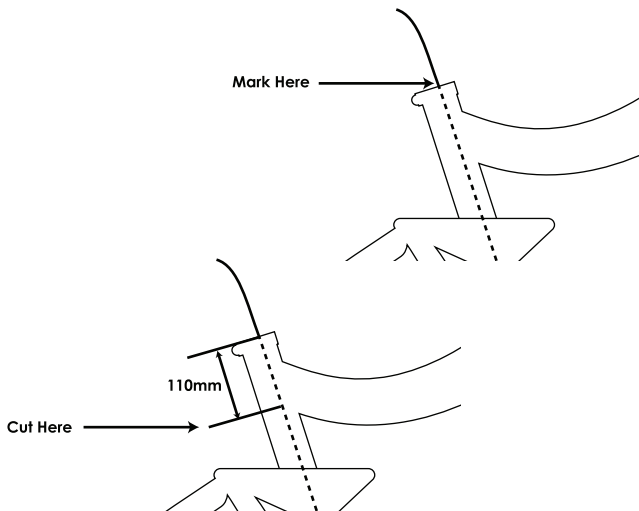
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DETERMINING CABLE LENGTH

INTERNALLY ROUTED CABLE

Mark the location on your cable housing at the seat collar as it protrudes from the seat tube. Pull the cable housing out of the seat tube and make another mark 110mm in the direction of the handlebar. This will be your final housing length. Cut the housing to length.

NOTE: This 110mm measurement applies to all travel options.



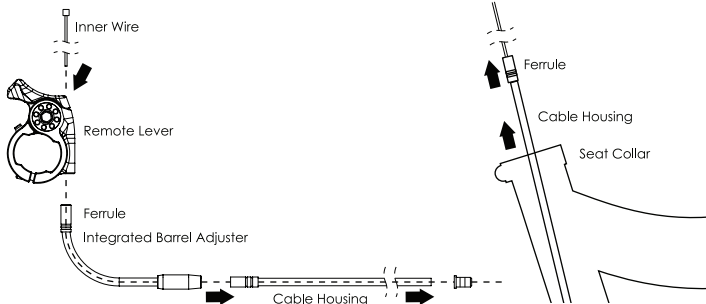
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DETERMINING CABLE LENGTH

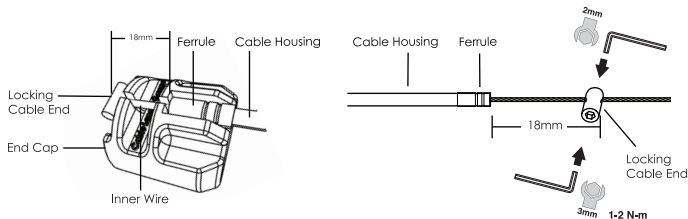
INTERNALLY ROUTED CABLE

Feed the inner wire through the remote lever, integrated barrel adjuster and cable housing.

Pull the cable slack out from the seat collar and install the ferrule.



Mark the inner wire to a length **18mm longer than the cable housing** or use the gauge molded into the supplied protective cap as shown but **DO NOT cut the inner wire at this time.**





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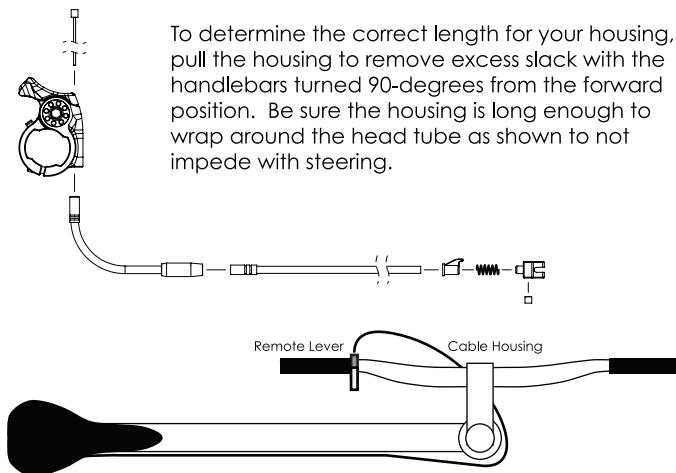
HEIGHT ADJUSTABLE SEATPOST USER MANUAL

DETERMINING CABLE LENGTH

EXTERNALLY ROUTED CABLE

Your new seatpost includes a 1700mm long cable, 1500mm long cable housing, and a cable noodle with in-line barrel adjuster. Depending on your own requirements, you may need to shorten the cable to minimize excess slack when mounted to your frame.

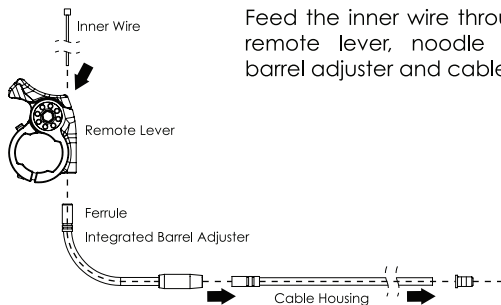
With the remote lever installed on your handlebar, route the cable housing according to your frame manufacturer's recommendations and feed the inner wire through the remote lever, noodle with barrel adjuster and cable housing.



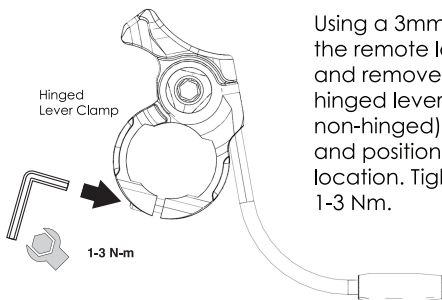
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CONNECTING THE REMOTE

KG SERIES



Feed the inner wire through the KG style remote lever, noodle with integrated barrel adjuster and cable housing.



Using a 3mm Hex wrench, loosen the remote lever clamp pinch bolt and remove the bolt. Place the hinged lever clamp or slide (if non-hinged) on your handlebar and position it in the desired location. Tighten to a torque of 1-3 Nm.



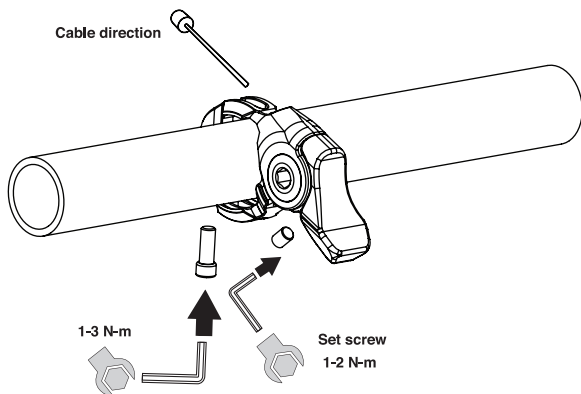


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CONNECTING THE REMOTE

REVERSE KG SERIES

Feed the inner wire through the Reverse KG style remote lever, noodle with integrated barrel adjuster and cable housing with the free end at the lever. Cut off the ball end if necessary.



Using a 3mm Hex wrench, loosen the remote lever clamp pinch bolt and remove the bolt. Place the hinged lever clamp or slide (if non-hinged) on your handlebar and position it in the desired location. Tighten to a torque of 1-3 Nm and the set screw to a torque of about 1-2 Nm.

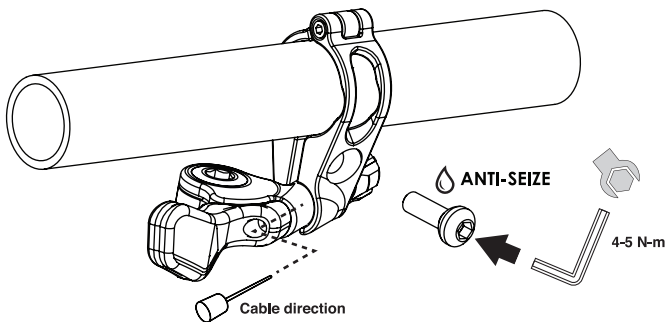


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CONNECTING THE REMOTE

SOUTHPAW SERIES

Feed the inner wire through the Southpaw style remote lever, integrated inline barrel adjuster and cable housing with the ball end at the lever.



Apply anti-seize compound to the bolt before clamping onto the handlebar or slide (if non-hinged). Using a 4mm hex wrench, tighten the handlebar clamp bolt to a torque of 4-5 Nm.





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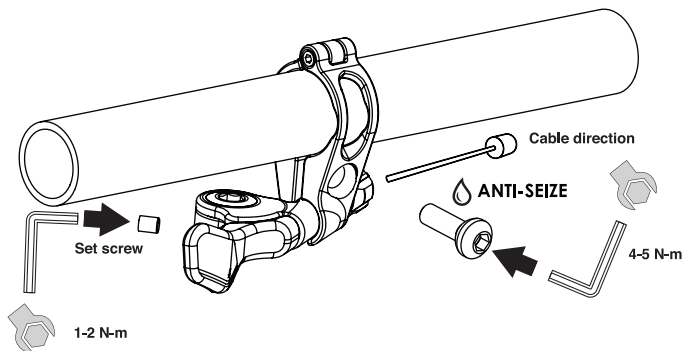
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HEIGHT ADJUSTABLE SEATPOST USER MANUAL

CONNECTING THE REMOTE REVERSE SOUTHPAW SERIES

Feed the inner wire through the Reverse Southpaw style remote lever, integrated inline barrel adjuster and cable housing with the free end at the lever. Cut off the ball end if necessary.



Apply anti-seize compound to the bolt before clamping onto the handlebar. Using a 4mm hex wrench, tighten the handlebar clamp bolt to a torque of 4-5 Nm and the set screw to a torque of about 1-2 Nm.





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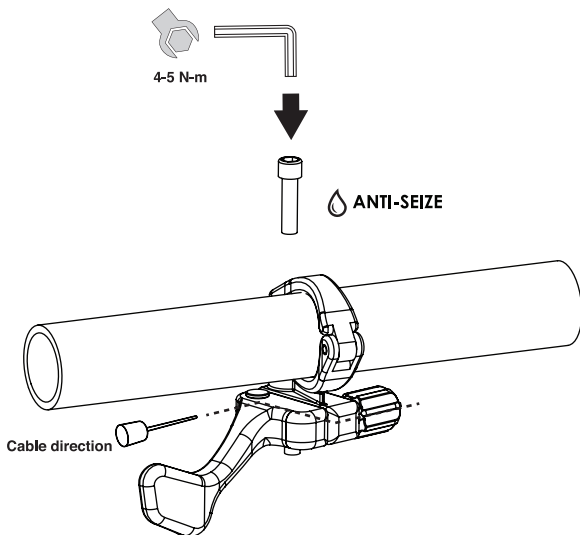
HEIGHT ADJUSTABLE SEATPOST USER MANUAL

CONNECTING THE REMOTE

WESTY SERIES

Feed the inner wire through the Southpaw style remote lever, integrated inline barrel adjuster and cable housing with the ball end at the lever.

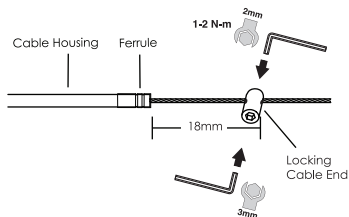
Apply anti-seize compound to the bolt before clamping onto the handlebar. Using a 3mm hex wrench, tighten the handlebar clamp bolt to a torque of 4-5 Nm.



HEIGHT ADJUSTABLE SEATPOST USER MANUAL

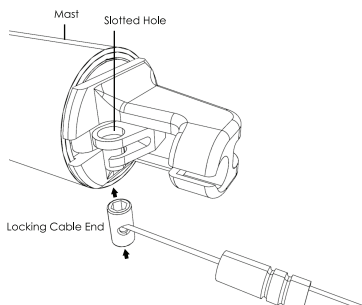
CONNECTING THE CABLE TO THE POST INTERNALLY ROUTED CABLE

Whether using a standard shifter wire or Recourse Ultralight II, trim the excess wire after clamping the locking cable end.



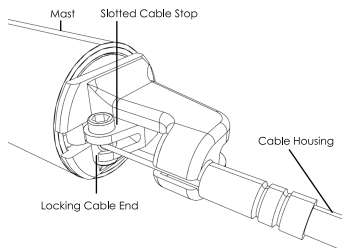
①

Insert the Locking Cable End through the slotted hole.



②

Insert the housing into the slotted cable stop.





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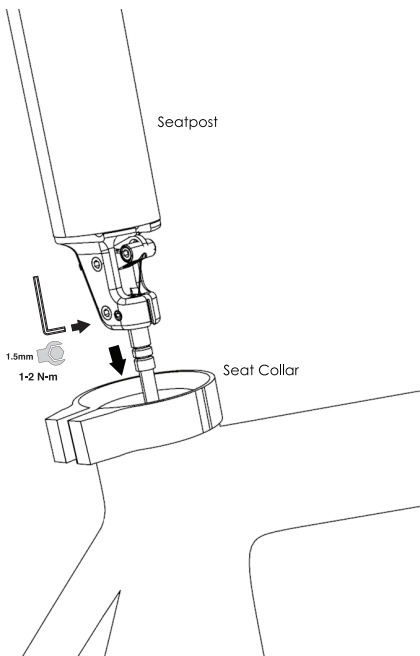
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CONNECTING THE CABLE TO THE POST INTERNALLY ROUTED CABLE

Place your seatpost into your seat collar while taking up the cable slack from where it enters the bicycle frame.

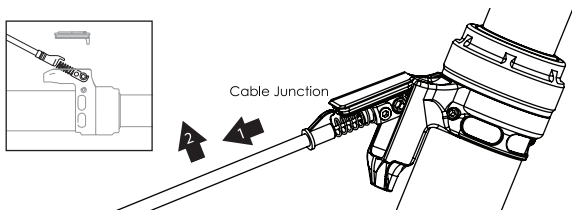
Use a 1.5mm hex key to clamp the cable housing and ferrule into the cable actuator.



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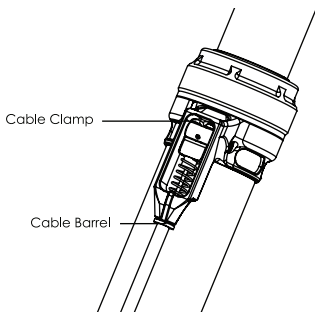
CONNECTING THE CABLE TO THE POST EXTERNALLY ROUTED CABLE

If the cable junction cover is installed, please carefully remove it now. You may need to insert a small (1-2mm) rod such as a paper clip or small Hex wrench to gently lift the end of the cover or if you are adjusting the cable length and the cable is already installed, pull the cable out and lift up.



With the cable junction box open, locate the cable clamp within.

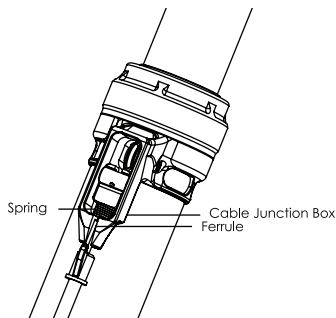
Slide the cable barrel into the slotted end of the Cable Clamp until the inner wire is seated in the center slot and both halves of the cable barrel are supported by the Cable Clamp.



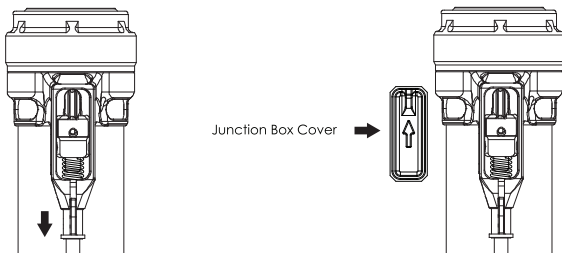
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CONNECTING THE CABLE TO THE POST EXTERNALLY ROUTED CABLE

Ensure that the spring is seated fully within the cable junction box. Pull the inner wire and cable housing against the spring until you are able to slide the barbed ferrule into the slotted guide at the base of the cable junction box.



Reinstall the junction box cover. Please observe the directional indicator found on the inside of the cap.



The barb in the barbed ferrule is designed to fit within a small indent at the base of the junction box cover.





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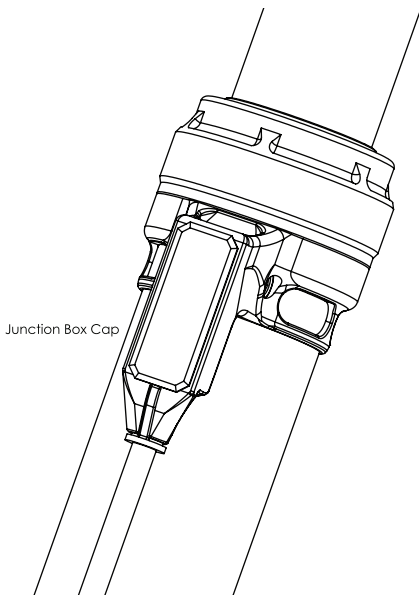
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CONNECTING THE CABLE TO THE POST EXTERNALLY ROUTED CABLE

Push the junction box cap down and the barbed ferrule up to lock it in place. Be careful not to cut or pinch the junction box cover's o-ring dust seal. If the dust seal is dry or prone to pinching, apply a small amount of grease to help it seat in the junction box.





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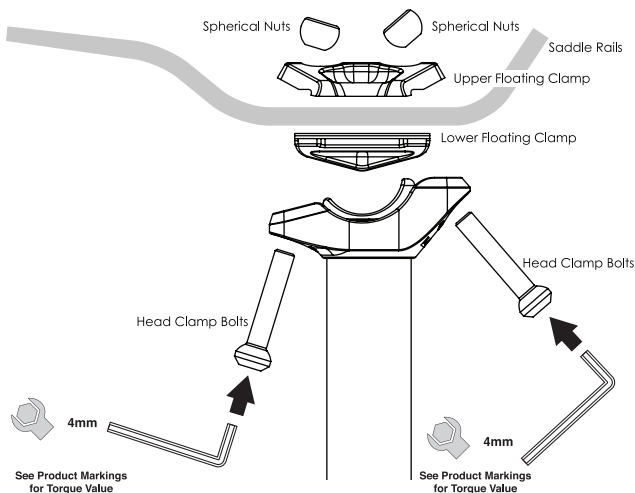
HEIGHT ADJUSTABLE SEATPOST USER MANUAL

SADDLE INSTALLATION

2-BOLT MICRO ADJUST

To install the saddle, loosen the two saddle head clamp bolts, spherical nuts, upper and lower floating clamp as shown in the diagram below.

Place the rails of your saddle between the upper and lower floating clamps so that the rails seat in the channel provided by the lower floating clamp and tighten according to the torque specification etched on the lower cradle of your seatpost. The torque will vary by model.



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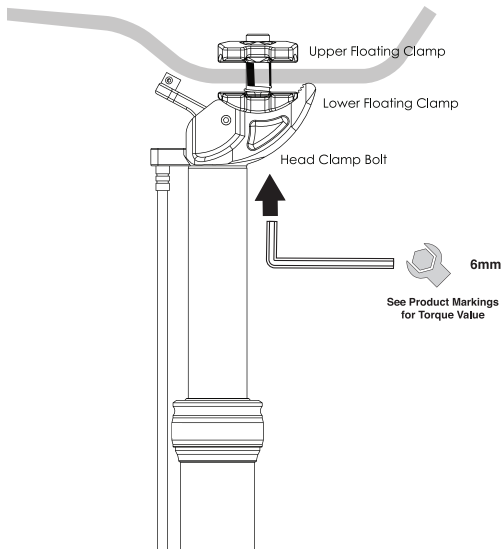
HEIGHT ADJUSTABLE SEATPOST USER MANUAL

SADDLE INSTALLATION

SINGLE BOLT

To install the saddle, loosen the single saddle head clamp bolts as shown in the diagram below.

Place the rails of your saddle between the upper and lower floating clamps so that the rails seat in the channel provided by the lower floating clamp and tighten to 20-22Nm.



HEIGHT ADJUSTABLE SEATPOST USER MANUAL

FIRST USE

FOR THE FIRST TIME

When using your seatpost for the first time, it may be necessary to give the post a firm downward “nudge” to start the initial movement. This is due to the seal's natural tendency to migrate oil away from the seal surface. This is only necessary prior to the first use or after a long period of non-use. Once the seatpost is cycled through its travel the first time, it will distribute oil on the seal and resume its normal function.

RAISING AND LOWERING THE SADDLE

To lower the saddle, weight the saddle firmly with your hand or sit on the bike while pressing and holding the actuation lever or remote. Release the lever when the desired height is reached.

To raise the saddle, unweight the saddle while pressing and holding the actuation lever or remote. Release the lever when the desired height is reached.

You can raise and lower your saddle to any desired position within the seatpost's travel.



HEIGHT ADJUSTABLE SEATPOST USER MANUAL

GENERAL CARE & MAINTENANCE

BEFORE EACH RIDE

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

PERIODIC MAINTENANCE

Your ExaForm seatpost 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 seatpost should be cleaned and lubricated at least once every 6 months. Wet or severely dusty conditions will require more frequent maintenance. If high pressure water is used to wash the bicycle, more frequent maintenance is recommended due to the increased chance of water entering the system. If degradation of performance occurs, perform maintenance as soon as possible.

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



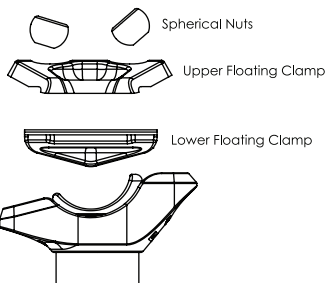
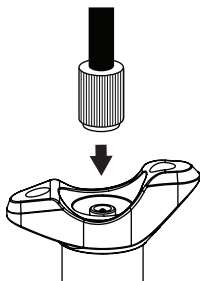


HEIGHT ADJUSTABLE SEATPOST USER MANUAL

ADJUSTING RETURN SPEED

TUNABLE AIR PRESSURE

All ExaForm dropper seatposts come with suitable pressure for the return spring. Test the return speed of your seatpost before you make adjustments. If air pressure adjustments still must be made, remove the saddle and saddle clamp parts at top end of the stanchion tube.



Attach a compatible shock pump and adjust to your desired pressure. KS recommends our AIR-8 High Pressure pump for best results.

NOTE: Recommended operating pressures is 150-250psi. **Do not exceed 250psi.**

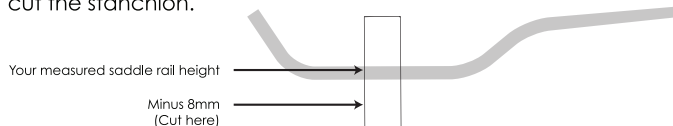


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SIZING THE POST LENGTH

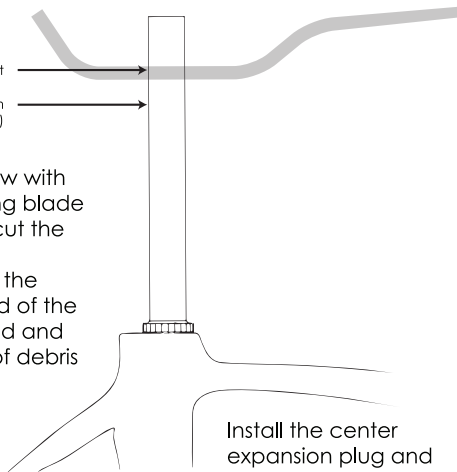
CUTTING THE SEAT MAST

Measure your normal seat height from the center of the bottom bracket to the center of your saddle rails. On the bike that will use this KS seatpost, measure to the same height as your saddle rail measurement and subtract 22mm. This position will be where you cut the stanchion.



Using a fine tooth saw with suitable metal cutting blade and cutting guide, cut the stanchion tube. It is recommended that the edges of the cut end of the stanchion tube is filed and deburred and free of debris before reassembly.

Reinstall the mast topper and using a 3mm hex key, tighten the stanchion pinch bolt at the back to a torque of 3.5N-m.



Install the center expansion plug and using a 5mm hex key, tighten from the top of the stanchion to a torque of 5N-m.





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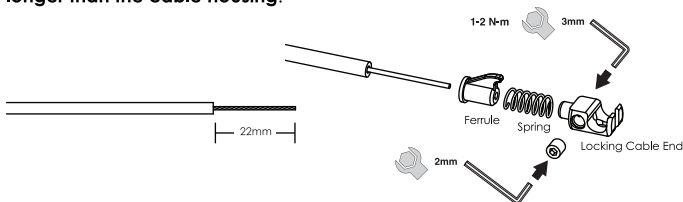


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DETERMINING CABLE LENGTH

EXTERNALLY ROUTED CABLE

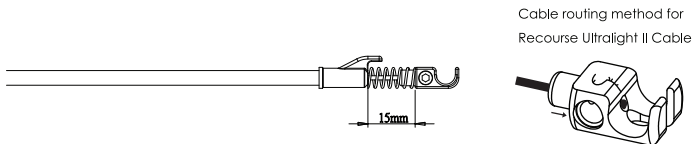
Using the cable housing as a guide, cut the inner wire to a length **22mm longer than the cable housing**.



Install the custom barbed ferrule, spring and locking cable end. The inner cable must not protrude beyond the locking cable end which can be tightened using 2mm and 3mm Hex wrenches.

If Using the Recourse Ultralight II Cable System

Install the custom barbed ferrule, spring and locking cable end. Route the Recourse inner wire as shown. Tighten the locking cable end leaving 15mm spacing as shown. Trim the excess inner wire to be flush with the locking cable end.





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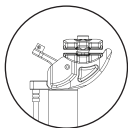
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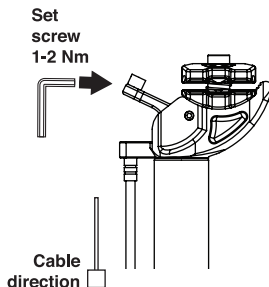
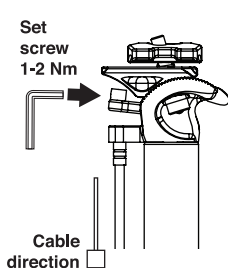
DETERMINING CABLE LENGTH HEAD EXTERNALLY ROUTED CABLE



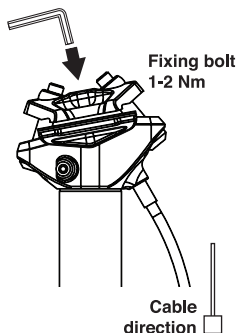
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CONNECTING THE CABLE TO THE POST HEAD EXTERNALLY ROUTED CABLE

The following models using externally (head) connected cables require the free end of the cable to be routed to the head and affixed to a cable anchor via a set screw.



The model shown to the right use externally (head) connected cables which require the free end of the cable to be routed to the head and affixed to a cable anchor via a fixing bolt located under the saddle clamp parts. Remove the saddle clamp parts completely to access this fixing bolt.





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MORE INFORMATION

Full documentation for all ExaForm Products can be downloaded at:

www.exa-form.com



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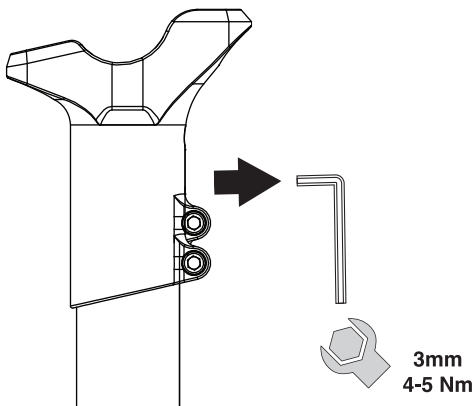
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SADDLE INSTALLATION

SEAT MAST TOPPER

Next, using a 3mm hex key, loosen the stanchion pinch bolts at the back of the clamp head assembly.



Position the mast topper and tighten the 3mm bolts to reinstall the seatpost mast topper.



HEIGHT ADJUSTABLE SEATPOST USER MANUAL

SIZING THE POST LENGTH

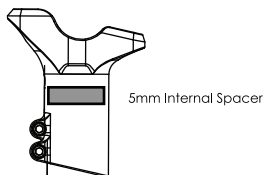
ADJUSTMENT SPACERS

Droppers using an ISP style head allow for two areas of height adjustment if you have cut your stanchion too short or have made other changes to your equipment which affects your seat height.

Using the included spacers, saddle height can be increased by 5mm, 10mm or 15mm depending on your requirements.

To increase the ride height by 5mm:

Use the included 5mm INTERNAL spacer by placing it on the top of the stanchion tube. Follow the instructions for how to remove and install the head assembly. **WARNING:** Do not use more than one 5mm spacer.

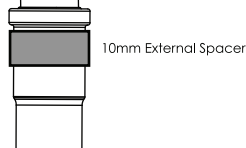


To increase the ride height by 10mm:

Use the included 10mm EXTERNAL spacer by placing it around the mast under the seatposts's collar and reinstall the seatpost in your frame. **WARNING:** Do not use more than one 10mm spacer.

To increase the ride height by 15mm:

Use both the included 5mm INTERNAL spacer and 10mm EXTERNAL spacer. **WARNING:** Do not use more than one 5mm and 10mm spacer.



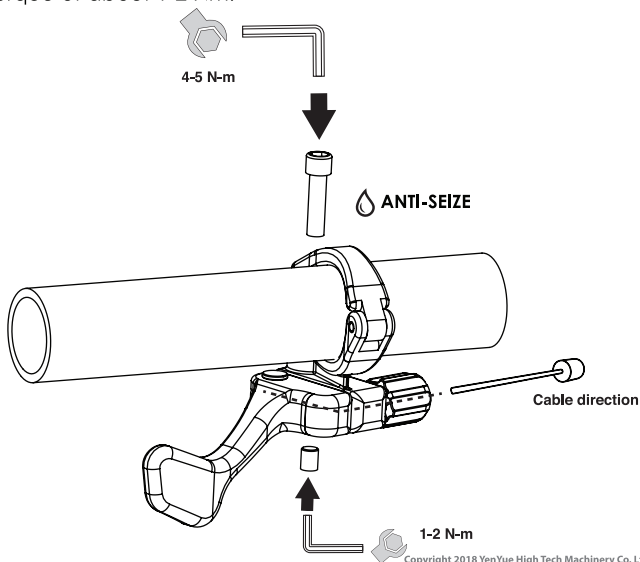
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CONNECTING THE REMOTE

REVERSE WESTY SERIES

Feed the inner wire through the Reverse Westy style remote lever, integrated inline barrel adjuster and cable housing with the free end at the lever. Cut off the ball end if necessary.

Apply anti-seize compound to the bolt before clamping onto the handlebar or slide (if non-hinged). Using a 4mm hex wrench, tighten the handlebar clamp bolt to a torque of 4-5 Nm and the set screw to a torque of about 1-2 Nm.



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ADJUSTING RETURN SPEED

TUNABLE AIR PRESSURE

MODEL	TRAVEL									
	35MM	50MM	65MM	75MM	80MM	100MM	120MM	125MM	150MM	175MM
Drive Si (30.9mm, 31.6mm)						160 PSI		170 PSI	180 PSI	
Drive Si (27.2mm)			290 PSI			300 PSI	310 PSI			

