



ATHLETE FITTING GUIDE

This guide has been prepared to help athletes fit their RaceRanger units to their bike themselves pre-race.

All devices will be checked by a RaceRanger technician at bike racking time to ensure they are correctly and securely fitted, and fully operational.

If you are not confident attaching the units yourself, please bring them to the bike racking session, or feel free to contact us at hello@RaceRanger.com

Any attempts to tamper with or affect the performance of the RaceRanger units in any way is considered serious misconduct and a disqualifiable offence. In the event of loss or wilful damage to an athlete's RaceRanger units, charges may also apply.

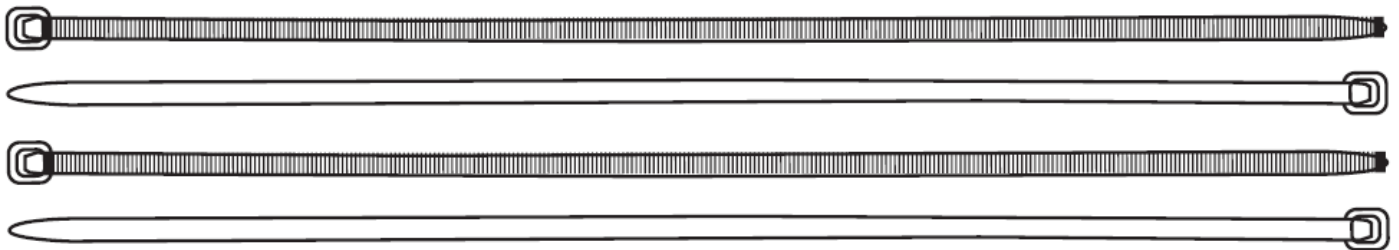
IMPORTANT – If you DNS and do not rack your bike, please return the package to the RaceRanger technician at transition at bike racking time.

Units will be removed by the RaceRanger technician while you are running. However, if you do not finish the bike section in the race, you must return your units to the RaceRanger technician at transition. **DO NOT** give them to any volunteers, or any other person.

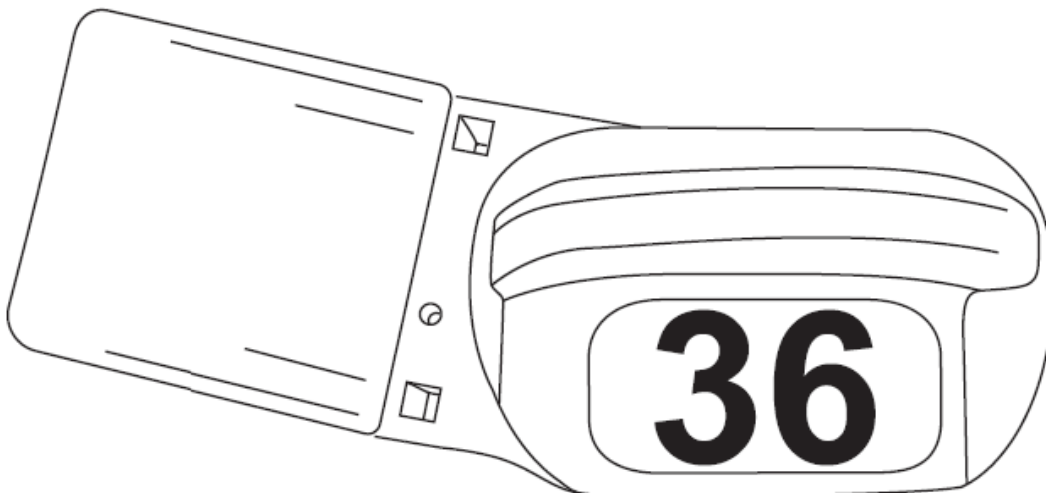
Due to the internal batteries the units cannot be easily shipped, and they are often required to travel immediately to the next event. It is your responsibility to return your units to RaceRanger as soon as possible.

INSIDE YOUR PACK:

- Cable Zip Ties
- Front RaceRanger Unit
- Rear RaceRanger Unit



Front Unit

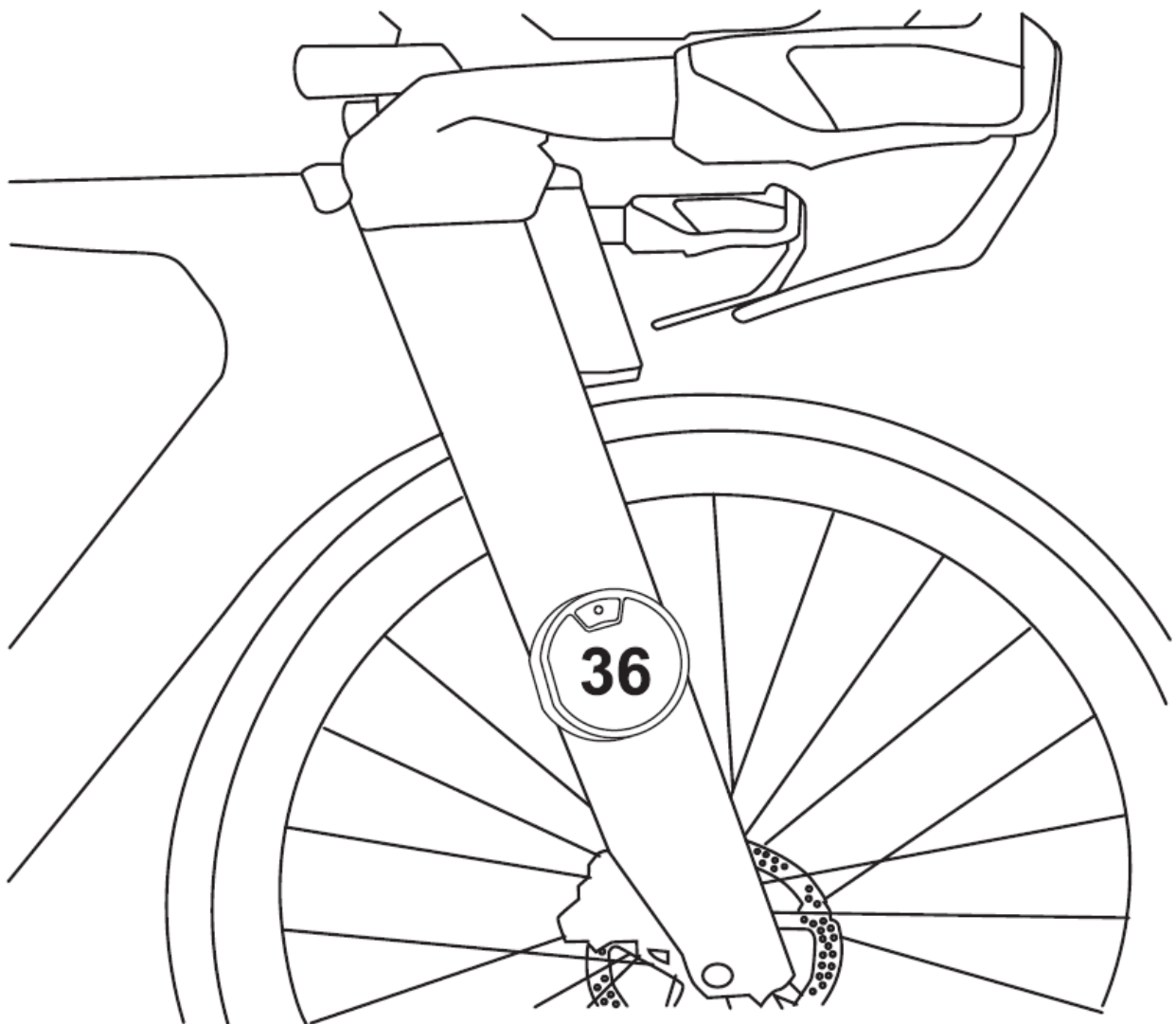


Rear Unit

FRONT DEVICE

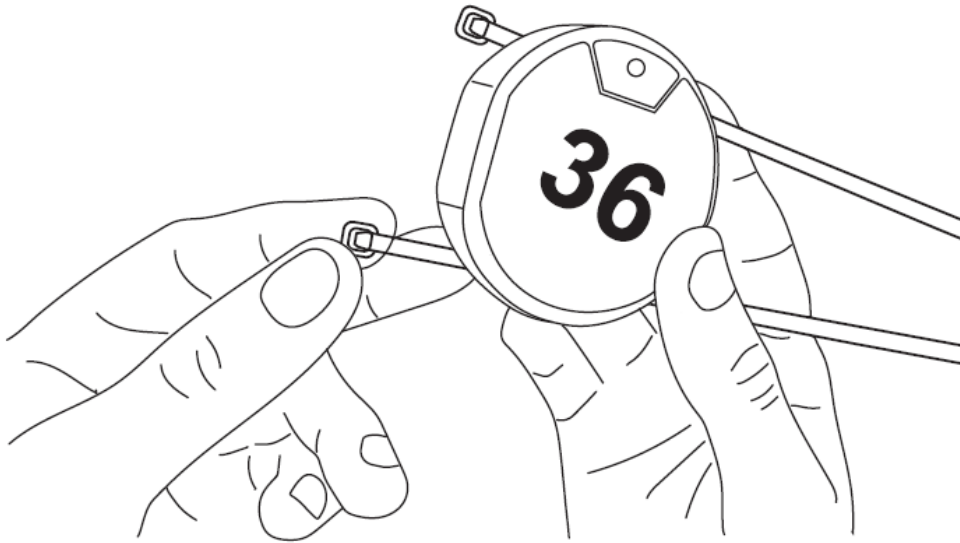
The front RaceRanger unit attaches to the side of the **RIGHT-hand** fork blade, (the same side of the bike as the chain).

It should be positioned around halfway up the blade of the fork as pictured. More instructions to follow;



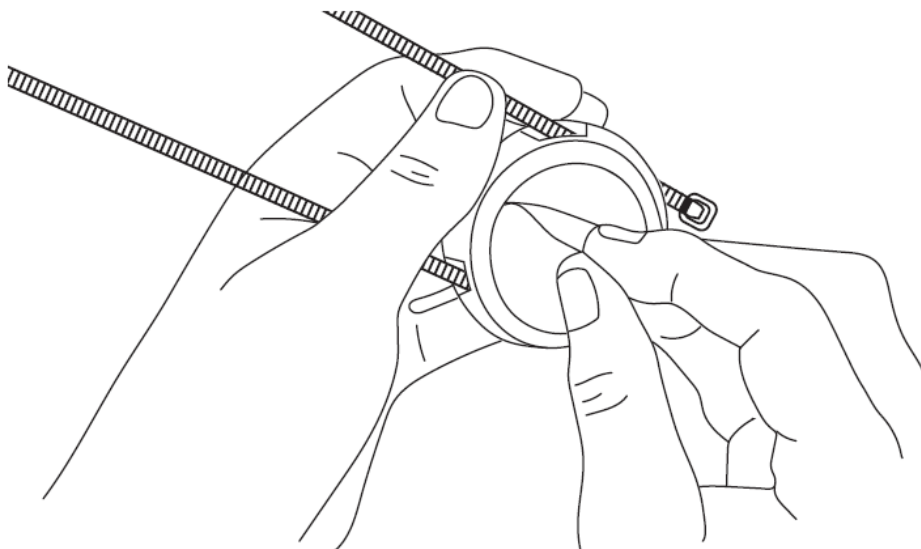
STEP 1

Insert the cable zip ties into the channels as shown below. Note the 'shiny' side of the zip tie should be facing you as below. The side with the 'teeth' facing away from you:



STEP 2

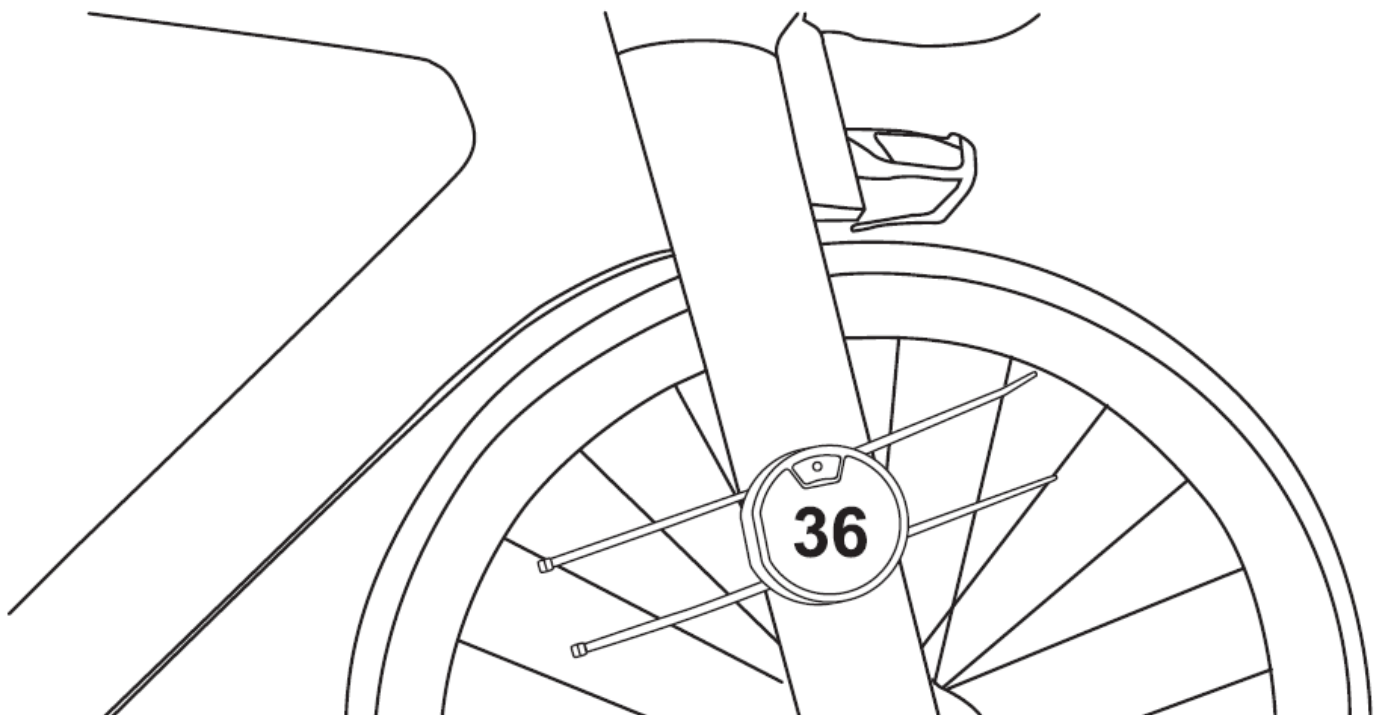
Remove the backing from the sticky patch on the rear.



STEP 3

Press the unit onto the right fork blade, taking care to position correctly.

The device should be rotated such that the Zip ties, in their channels, should run at approximate 90degree angles to the fork blade as shown;

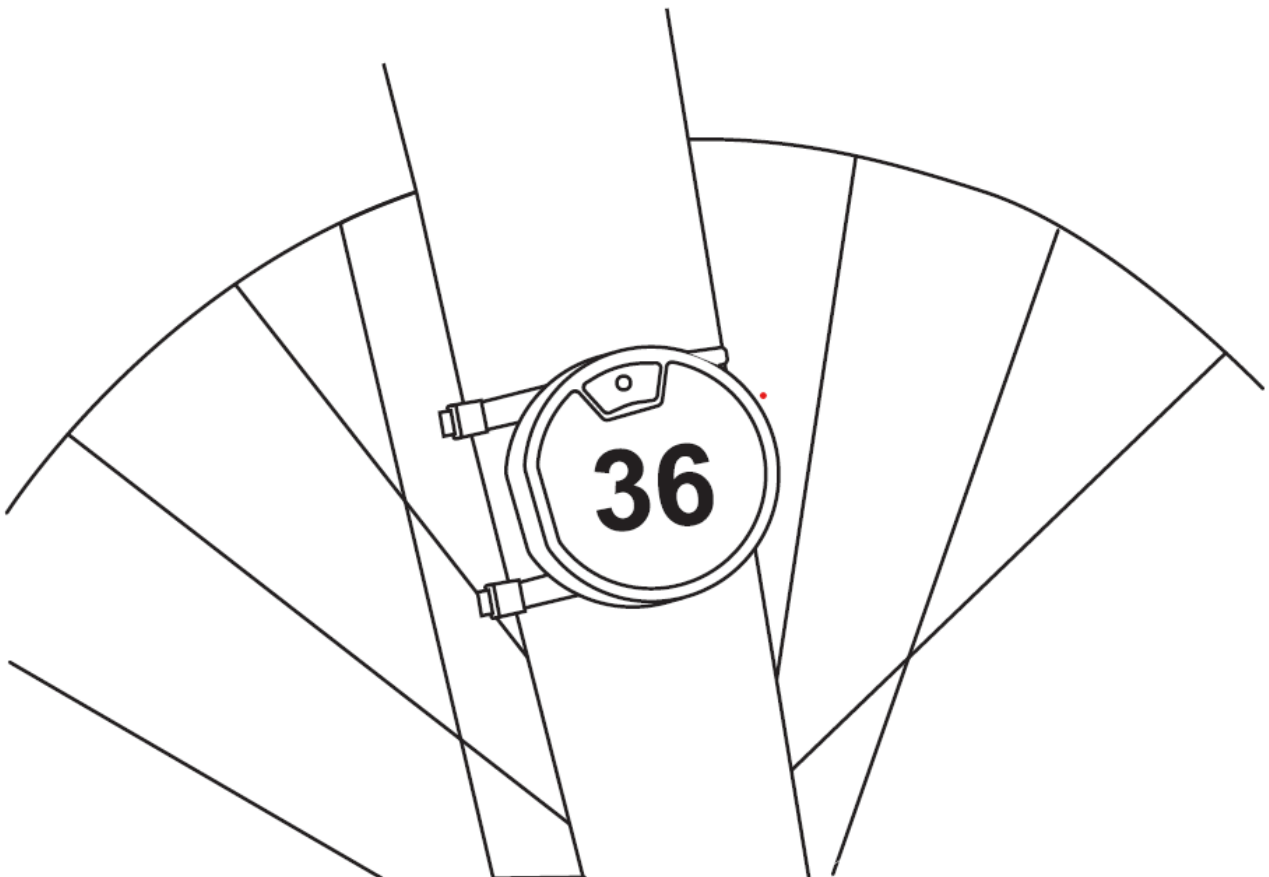


STEP 4

Close the zip ties, while positioning the closure heads at the rear of the fork blade as shown.

Pull the zip ties closed as firmly as possible.

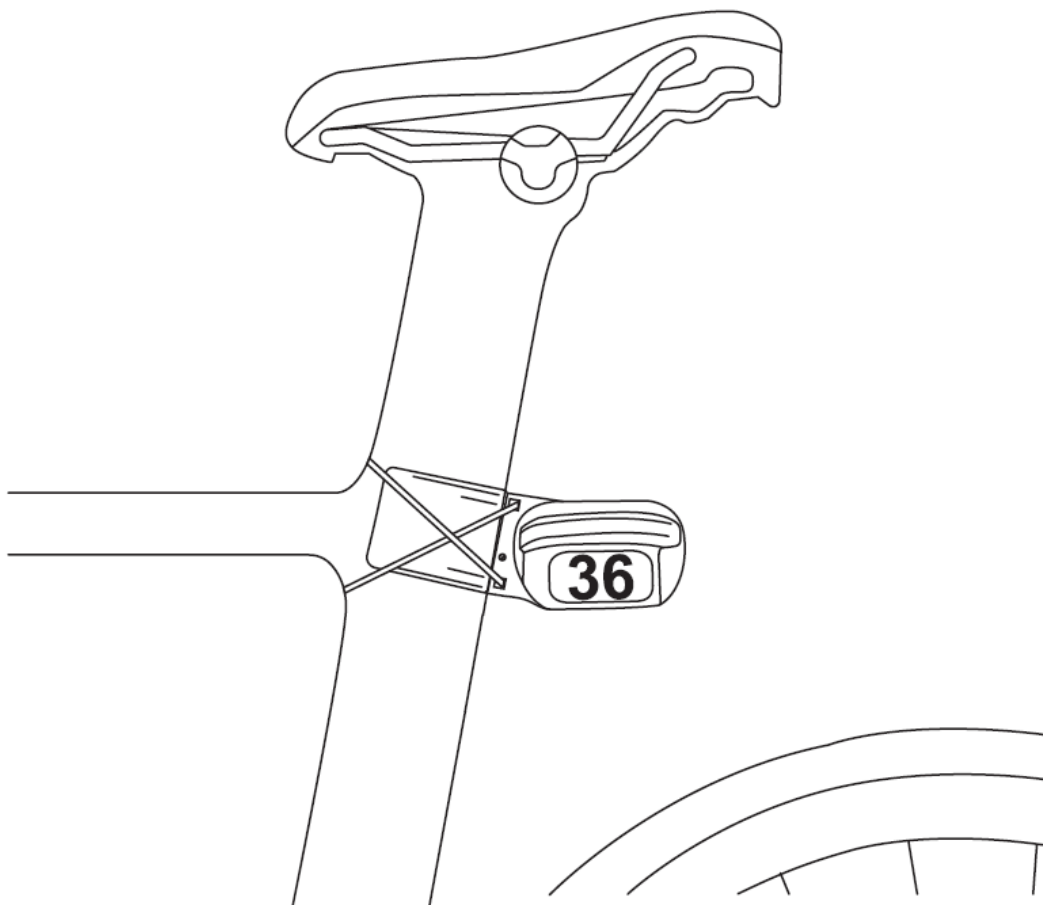
Trim away the excess length with toe-nail clippers or similar.



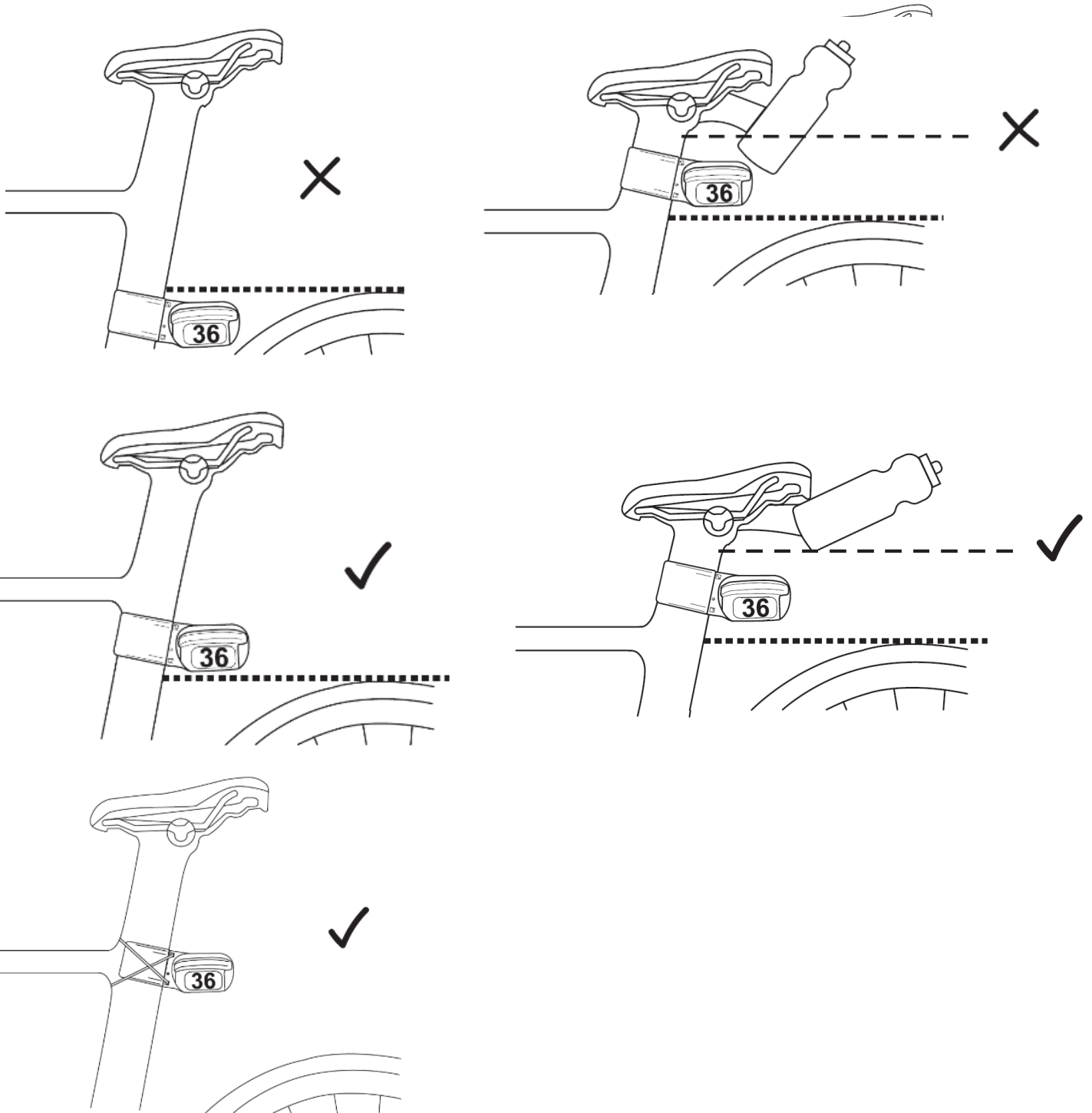
REAR DEVICE

The rear RaceRanger unit attaches to the back of the bicycle, positioned to show lights to a following rider.

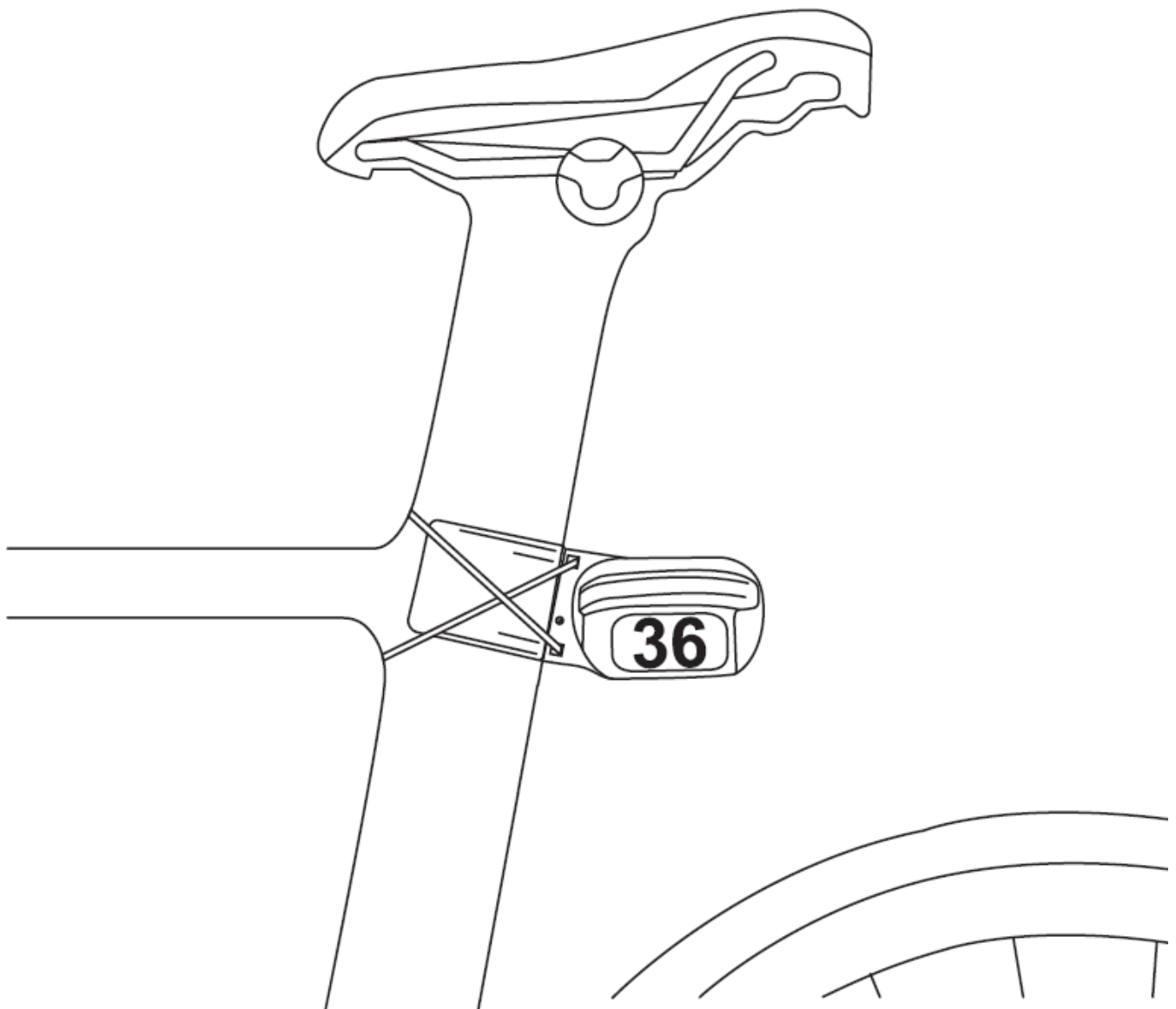
Depending on the size and model of your bike, it can be mounted to the seat post, or seat tube of the bike frame. In some cases, where the bike features a rear storage box appendage, it may be necessary to attach the unit to the storage box.



Ensure the lights can be seen clearly by a following rider. The device should be mounted above the top of the rear tyre, and should not be blocked by any water bottles or other storage systems.



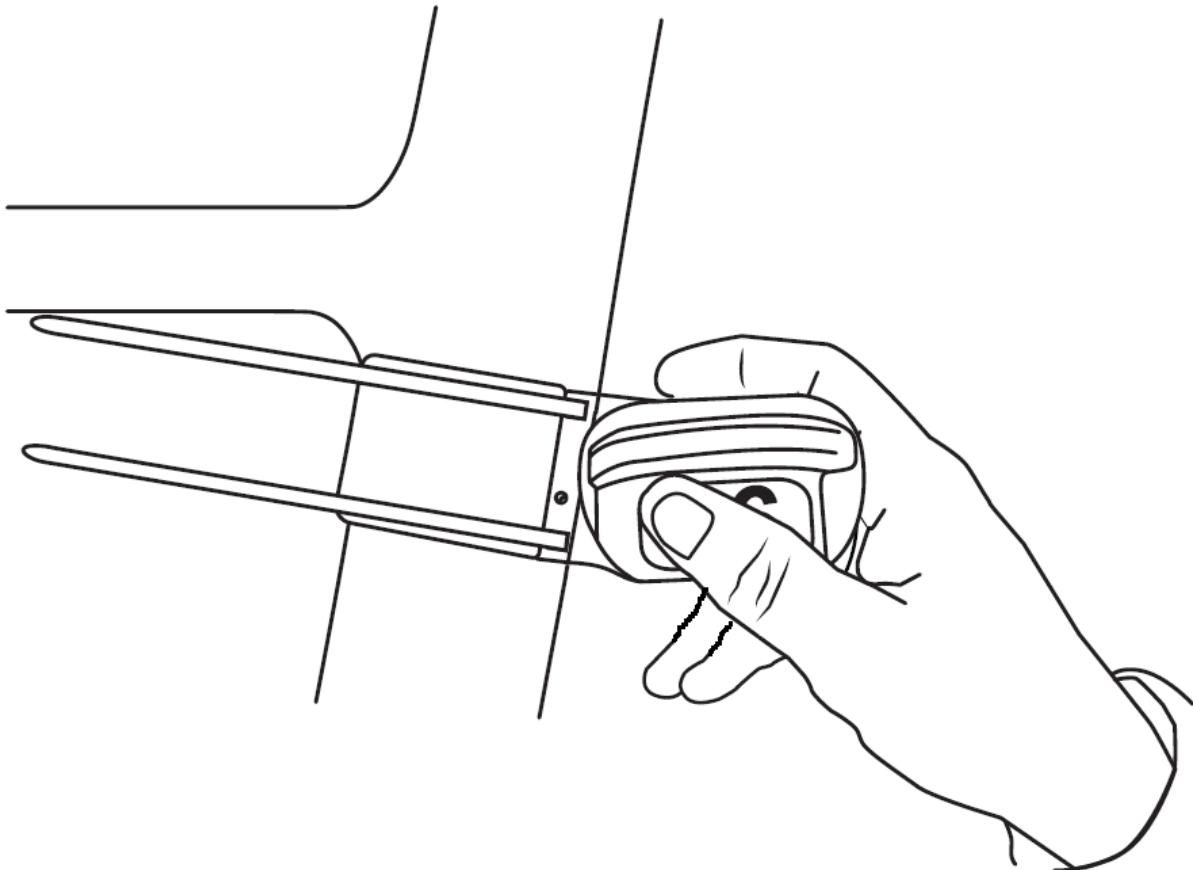
It is often advisable due to tube angles of the bike frame, to cross the zip ties over as shown below. Having at least one of the zip ties passing over the top tube of the bike, helps to prevent the unit from slipping down into the rear wheel in the event where it is knocked, or where the sticky patches have not adhered correctly to the bike.



STEP 5

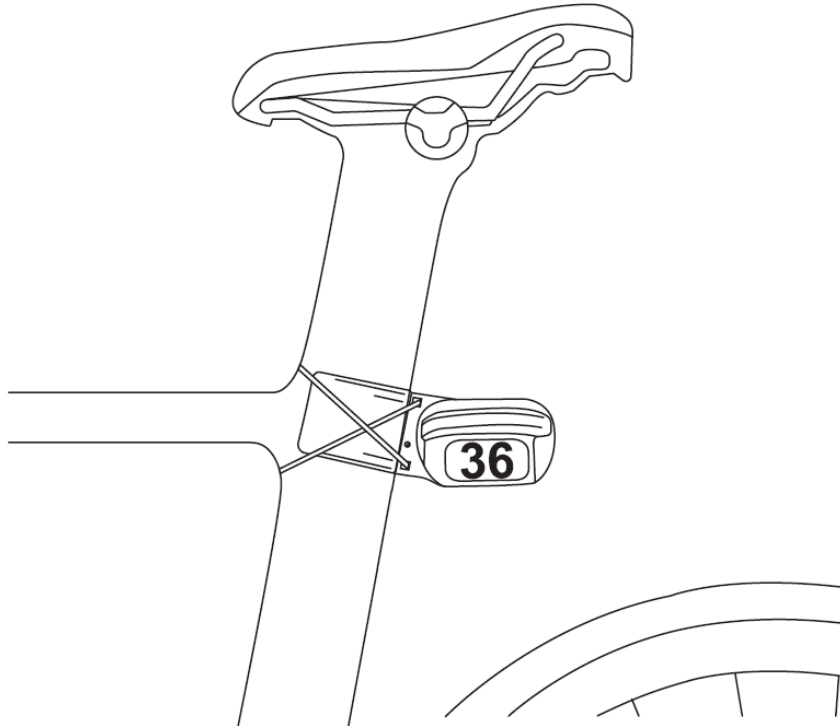
Follow the same steps as for the front unit; removing the backing of the sticky patches and inserting the zip ties.

Spread the rubber fins of the attachment piece and press the unit onto the back of the bike, squeezing firmly to give the sticky patches a good grip on the bike.



STEP 6

Finish by trimming the excess ends of the zip ties.



If you make an error, need extra zip ties, or don't feel confident that you've attached the units correctly, It's not a problem! Just make sure you bring the units with you to bike racking, and we'll refit them with you.

If you have any questions or issues, please email us at hello@RaceRanger.com and we'll help you through.

Thank-You & Have a great race!