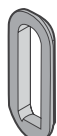




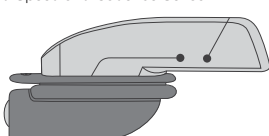
DUOTRAP S

ANT+ and Bluetooth Smart Dual Mode
Integrated Speed and Cadence Sensor

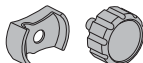
8mm bike mounting screw



Gasket (alloy bikes)



Sensor with grommet and 2mm spacer installed (carbon bikes)



Speed magnet (wheel)



CR2032 battery



Cadence band shim (optional)



Small cadence band (crank)

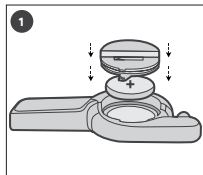


Plug (large cadence band)

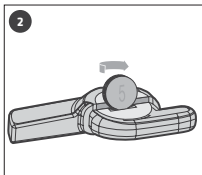


Large cadence band (crank)

BATTERY INSTALLATION AND REPLACEMENT

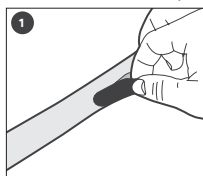


Replacement battery CR2032.

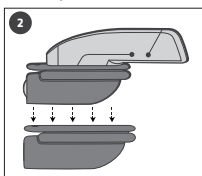


Use a coin to close battery compartment.

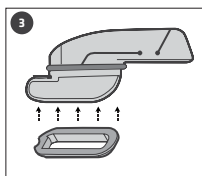
SENSOR INSTALLATION (ALLOY BIKES)



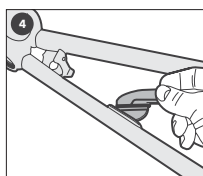
Remove DuoTrap S cover from chainstay.



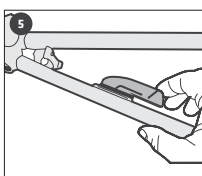
Remove grommet and replace with gasket in #3.



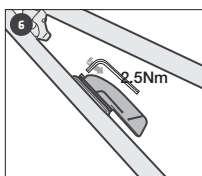
Install gasket onto sensor with notch aligned with screw hole as depicted.



Install sensor into chainstay.

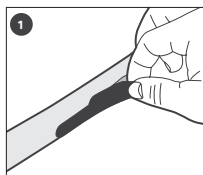


Hold sensor into place and install **8mm long screw**.

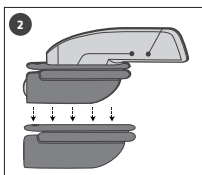


While holding sensor in place, use a 2.5mm hex to tighten.

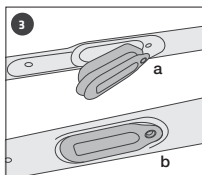
SENSOR INSTALLATION (CARBON BIKES)



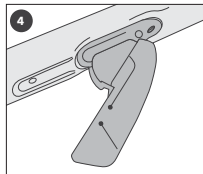
Remove DuoTrap S cover from chainstay.



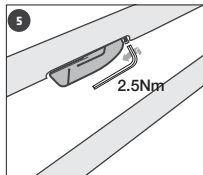
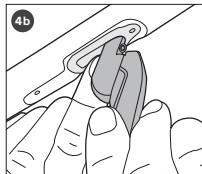
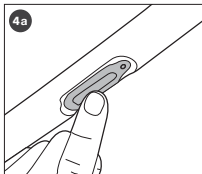
Remove grommet with 2mm spacer.



Fully insert grommet into chainstay resulting in a flush connection with chainstay.

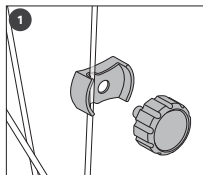


Install sensor into grommet in the chainstay. Hint: Hold grommet in place with one hand while inserting sensor with the other as seen in pic 4a and 4b.

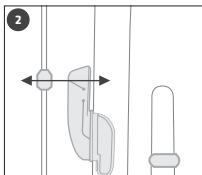


While holding sensor in place, use a 2.5mm hex to tighten the 8mm long screw.
NOTE: Please ensure the 2mm spacer is installed in the grommet before tightening the screw.

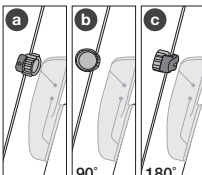
SPEED MAGNET INSTALLATION



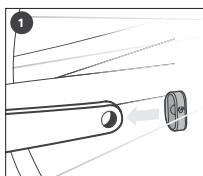
Speed magnet. Tighten speed magnet on spoke.



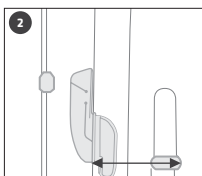
Align with tech mark on DuoTrap S. If necessary, rotate magnet 90° - 180° to achieve sensor clearance. Verify magnet sensor alignment by illumination of red sensor LED as wheel is rotated.
NOTE: LED will only illuminate for the first 10 revolutions.



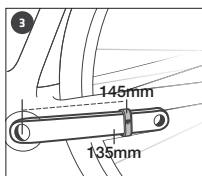
SMALL CADENCE MAGNET INSTALLATION



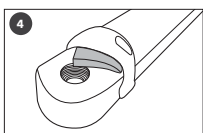
Remove the pedal and install the small cadence magnet on nondrive side crank arm with the thick side near the chainstay.



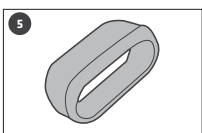
Verify magnet is aligned with sensor by illumination of green cadence sensor LED as crank is turned. LED will illuminate for the first 10 revolutions. Align magnet with tech mark on alloy bike's chain stay.



Place magnet 135mm or 145mm from the center of the bottom bracket to the center of the magnet (carbon bikes).

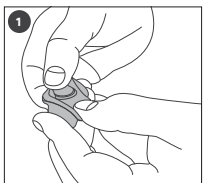


Optional: If the magnet is aligned but the LED does not illuminate, place a cadence band shim underneath the appropriate magnet.

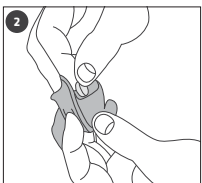


Optional: If neither cadence band fits between the crank and chainstay, the optional XS cadence band (service part number 534154) available through your dealer may be used.

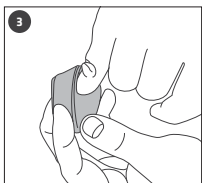
LARGE CADENCE MAGNET INSTALLATION



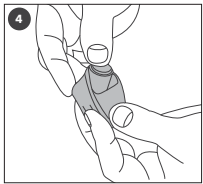
Remove the plastic cap from inside the small cadence band.



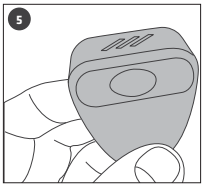
Remove the magnet from from inside the small cadence band.



Insert the magnet fully inside the large cadence band so that it is flush against the inside of the cavity.



Insert the plastic plug into the cavity of the large cadence band to hold the magnet in place.



Complete installation by following the small cadence magnet instructions above.

PAIRING AND SENSOR ACTIVATION

Pairing: Consult your ANT + or Bluetooth Smart device's instructions for pairing. Sensor will need to be activated directly before pairing process.

Sensor Activation: To verify proper magnet install, spin wheel or turn crank more than two revolutions. Initial sensor activation and magnet alignment will be indicated by the LEDs flashing up to 10 times.

Please Note: The sensor will stay active for at least 2 minutes although the LEDs no longer flash.

Bluetooth Smart Connection: Install and activate sensor. Turn on your phone's (or other compatible device) Bluetooth capability. Open the desired cycling app and follow instructions for Bluetooth Smart sensor connection. Please note, Bluetooth Smart devices do not always appear in your phone's settings, even when connected. All apps collect, share, and display speed and cadence information differently.

STATEMENTS OF REGULATORY COMPLIANCE

FCC Compliance

DuoTrap S - FCC ID: 04GDUOTRAPS

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or experienced radio / TV technician for help.

NOTES: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER OF THIS DEVICE COULD VOID THE USER'S AUTHORITY TO OPERATE THE DEVICE.

Industry Canada Compliance

DuoTrap S – (P/N 437960), CAN ICES-3(B)/NMB-3(B) IC: 7666A-DUOTRAPS

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicable aux appareils radio. Exempt de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This DuoTrap S equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. The radiated output power of the DuoTrap S Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. This equipment is in direct contact with the body of the user under normal operating conditions. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter. Status of the listing in the Industry Canada's REL (Radio Equipment List) can be found at the following web address: <http://www.ic.gc.ca/app/sitt/reltel/srch/nwRdSrch.do?lang=eng> Additional Canadian information on RF exposure also can be found at the following web address: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

Cet appareil est conforme aux limites d'exposition à la fréquence radio (FR) d'IC et de FCC. La puissance de sortie émise par l'appareil de sans fil DuoTrap S est inférieure à la limite d'exposition aux fréquences radio d'Industrie Canada (IC). Cet appareil est en contact direct avec l'utilisateur dans des conditions normales d'utilisation. L'émetteur ne doit pas être co-implémenté ou utilisé conjointement avec une autre antenne ou un autre émetteur. Ce périphérique est homologué pour l'utilisation au Canada. Pour consulter l'entrée correspondant à l'appareil dans la liste d'équipement radio (REL - Radio Equipment List) d'Industrie Canada rendez-vous sur: <http://www.ic.gc.ca/app/sitt/reltel/srch/nwRdSrch.do?lang=fra> Pour des informations supplémentaires concernant l'exposition aux RF au Canada rendez-vous sur: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

Trek Bicycle Corporation
801 West Madison Street
Waterloo, WI 53594 USA

European Union Compliance

Trek Bicycle Corporation and Bontrager hereby declare that the wireless device identified as 'DuoTrap S' is in compliance with the following European Directives:

- R&TTE Directive 1999/05/EC
- EMC Directive 2004/108/EC
- Low Voltage Directive 2006/95/EC
- RoHS Directive 2011/65/EU

The full text of the EU declaration of conformity is available from your dealer, or at the following internet address: <http://www.bontrager.com/support>

Bikeurope BV
Ceintuurbaan 2-20C
3847 LG Harderwijk
The Netherlands

Korean Compliance Information

인증자 상호: 트렉바이시클 코리아
기기의 명칭: 특정소출력무선기기(무선데이터통신시스템용 무선기기)
모델명: DuotrapS

인증자 식별부호: MSIP-CRM-D99-DuotrapS

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