Gasket (alloy bikes)
Sensor with grommet and 2mm spacer installed (carbon bikes)
Small cadence band (crank)
Plug large cadence band
Large cadence band (crank)
Cadence band shim (optional)

BATTERY INSTALLATION AND REPLACEMENT

Replacement battery CR2032/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 sensor into chainstay.
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.

CR2032 battery

SENSOR INSTALLATION (CARBON BIKES)

Remove DuoTrap S cover from chainstay.
Remove grommet with 2mm spacer.
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.

CR2032 battery

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 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).

Speed magnet, Tighten speed magnet on spokes.
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.

1.5mm

SPEED MAGNET INSTALLATION

Remove the pedal and install the small cadence magnet on nondrive side crank arm with the thick side near the chainstay.
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 tech mark on alloy bike's chain stay.

**StatementS of Regulatory ComplianCe**

Industry Canada Compliance

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

Statement of Conformity

The Following Equipment Complies with Industry Canada's Requirements for TF 7666A-DUOTRAPS (IC: 7666A-DUOTRAPS)

- This equipment complies with Industry Canada’s license-exempt RSS standard(s).
- This equipment is in direct contact with the body of the user under normal operating conditions. This equipment is in direct contact with the body of the user in the listed frequency band.

- The equipment may be co-located or used in conjunction with another antenna or transmitter.

For further information about regulatory compliance, please contact your dealer or the manufacturer.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TELEVISION INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. ANY CHANGES OR MODIFICATIONS NOT APPROVED BY THE MANUFACTURER WOULD VOID THE USER'S AUTHORITY TO OPERATE THE DEVICE.

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

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**Korean Compliance Information**

- Model: Duotrap S
- Manufacturer: Trek Bicycle Corporation
- Contact Information: http://www.bontrager.com/support

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**US/Canadian Compliance**

- The Bluetooth Smart sensor is compliant with the following European Directives:
  - RoHS Directive 2011/65/EU
  - Low Voltage Directive 2006/95/EC
  - EMC Directive 2004/108/EC
  - R&TTE Directive 1999/05/EC

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**International Compliance**

- Bluetooth Smart technology is compatible with iOS 7 and Android 4.3 or higher mobile devices.
- The sensor will stay active for at least 2 minutes although the LEDs no longer flash.
- 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.

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**STATEMENTS OF REGULATORY COMPLIANCE**

FCC Compliance

DuoTap S – FCC ID: QW5-DuotrapS

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

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

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

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

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**IC Compliance**

- Model: Duotrap S
- Manufacturer: Trek Bicycle Corporation
- Contact Information: http://www.bontrager.com/support

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**EU Declaration of Conformity**

- The Waterfall Corporation declares under sole responsibility that the device is in compliance with the following European Directives:
  - RoHS Directive 2011/65/EU
  - Low Voltage Directive 2006/95/EC
  - EMC Directive 2004/108/EC
  - R&TTE Directive 1999/05/EC

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**Bluetooth Smart Connection**

- 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.