

DATATAG CYCLE SECURITY MARKING SYSTEM INSTRUCTIONS A QUICK FIT INSTALLATION GUIDE



Thank you for purchasing the Datatag Cycle Security & Registration System.

Datatag allows for the major and valuable components of your cycle to be marked by combining state of the art identification technology such as the Datadot® identification system (Datadots® are part of the *Ultimate and e-Bike/e-Mobility system only*) and the new “stealth” UV chemical etching technology.

This makes Datatag’s award winning system one of the most successful deterrents to theft available.

Please take just a few minutes to read this guide to installation.

IMPORTANT

- Owners must register the cycle system and cycle details online as soon as possible after installation.
- Your cycle is not protected until it is registered
- For advice please call: (UK) 03 450 700 440

THE DATATAG CYCLE SYSTEM INCLUDES THE FOLLOWING:

STANDARD Cycle Security Marking System



4 unique Ultra Violet ID stencils.



1 bottle of chemical UV etching solution with applicator.



1 tamper evident visible security label with the unique alpha-numeric cycle/system registration number and QR code.

ULTIMATE Cycle Security Marking System (in addition to Standard system)



1 bottle of Datadots® containing hundreds of Datadots® with brush applicator.



Circular Warning Label.



4 black & white laser etched security labels.

E-BIKE/E-MOBILITY System (in addition to Standard system)



1 bottle of Datadots® containing hundreds of Datadots® with brush applicator.



1 tamper evident visible security label with the unique alpha-numeric cycle/system registration number and QR code.

FITTING/INSTALLATION INSTRUCTIONS

1) The 4 Numbered Stencils and UV Etching Fluid

Precautions before Installing - Please read carefully

On limited occasions use of the UV etching may cause a temporary chemical reaction to areas of the cycle which may result in the UV mark being visible. Such temporary UV visibility fades within a few weeks. The chemical etching of your cycle frame, forks and other painted / coated components forms a major part of the risk deterrent and subsequent identification. It indicates to potential criminals that your cycle is protected and there is too high a risk of being traced if they were to steal it.

The Datatag ultra violet etching fluid will provide a robust etch into the majority of painted or lacquered metals, alloys and carbon fibre.

The most notable exceptions are bare metals like stainless steel, titanium and anodised coatings found on some handle bars, seat stems and wheel rims.

These can potentially be marked with Datadots® (Ultimate and E-bike system only).

However, there are many variations in paint/coating and lacquer compositions and we cannot guarantee that the ultra violet etch will be exactly the same on every frame or component or even similar parts of the same cycle and in some cases it may remain slightly visible.

Customers should therefore be aware of the following:

- Where the etch does not take, it will simply wipe off.
- The UV mark is just outside the visible light spectrum and some combinations of light, angle of reflection and component colour may cause the mark to become visible.
- Although the fluid usually provides a good etch into painted or coated components, polishes or lacquers may inhibit the etching process, thus possibly reducing the depth of the etch and interactions between these surface finishes may increase the chances of the etch being visible in daylight.

Due to this risk, we highly recommend that the first etch is applied on a discrete area of the frame (underside of the down tube for example) to ensure that the resulting etch is satisfactory before proceeding to etch the remainder of the cycle.

We always recommend that the UV etch is applied to discreet areas of the cycle frame such as undersides of frame tubes, the inside edge of the forks or the inside edge of the rear triangle for example.

In the unlikely event that a UV etch is visible, we recommend that the following process is taken:

- Clean and polish the area to reduce visibility.
- Allow a few weeks for the UV etch to fade, which will happen more quickly if the cycle is left in sunlight. This will not affect the visibility of the etch under UV light.

INSTALLATION PROCESS

Use the UV Etching System to mark:

- Painted or coated steel, alloy frames, parts and components
- Carbon fibre frames, parts and components

(I) Select the place or part where you wish to apply the unique numbered stencil ensuring that it is clean using the alcohol wipe provided and a dry cloth.

(II) Remove the backing strip from the stencil and apply the stencil to the cycle. Stencils should be pressed down firmly using the backing paper. Smooth out any air bubbles to prevent the fluid “bleeding” under the stencil when applied, ensuring a neat etch is achieved. Stencils should be left for about one minute before fluid is applied.

(III) Using the applicator provided, spread the ultra violet etching fluid sparingly over the unique code and the telephone contact number (i.e. into the holes on the stencil - only enough chemical is required to fill the holes within the stencil rather than the whole of the stencil). Only one coat of UV fluid should be applied.

IMPORTANT: After 30 seconds, the stencil can be removed. There will be a white surface residue left on the etched surface which should be removed with the supplied alcohol wipe or a light solvent cleaner. Each stencil must be used only once and discarded after use.

Do not allow the UV etching chemical to run around or over the outside edge of the stencil, as it will etch into the surface of the paintwork. If this happens remove it immediately with the alcohol wipe provided.

Repeat the above process until all stencils are used.



Datatag ID Ltd, Waterman’s House, Waterman’s Court, Lotus Park, The Causeway, Staines-upon-Thames, TW18 3AG

Tel: +44(0)3 450 700 440

www.datatag.co.uk

info@datatag.co.uk



2) The Unique Tamper Evident Visible Security Label



The cycle system visible security label is one of the most important parts of the system. This tamper evident label shows your cycle's primary identification number and also contains the scannable QR code. Care must be taken when applying this label as once applied it cannot be removed.

To be fully effective the label should be installed in a location on the main frame of the cycle in a clearly visible area where the QR code can be scanned. It should not be applied on structures that are easily removed or swapped, or where the label will be subject to wear and tear that will result in damage.

An example of an ideal location would be vertically on the bottom of the cycles' seat tube near the bottom bracket.

The Installation Procedure is as follows:

- (I) Having selected a suitable location for the label, clean the area with the supplied alcohol wipe or other suitable solvent cleaner and dry with a dry clean cloth.
- (II) Peel away one edge of the backing sheet and apply the adhesive side of the label to the prepared surface. Continue to gently peel away the backing sheet, applying the label until it is in place. Smooth out the surface of the label using a dry clean cloth, ensuring that the label is properly pressed into the surface and any air bubbles are removed.

The label is tamper evident so once applied should not be adjusted or removed. Attempting to remove or adjust the label may result in the label tearing or distorting.

The label will become full tamper evident after around 12 hours and any attempt to remove or adjust the label after this time will result in the label breaking up.

Additional Unique Tamper Evident Visible Security Label (e-Bike/e-Mobility system)

Following the installation process described above, you can use the second unique tamper evident visible security label to mark your battery. Ensure that the label does not interfere with any battery terminals and will not be damaged by the installation process of the battery into its holder.



3) Datadots® (Ultimate and e-Bike/e-Mobility system)

- Each bottle contains hundreds of Datadots®, each dot within the tube carries the same unique ID information.
- Datadots® should be used to protect as many parts and components on your cycle as possible; even if parts and components are stripped from the frame by thieves, Datadots® can provide conclusive identification.
- Datadots® are visibly read using special magnifiers, already issued to the Police and other official organisations.



The Datadots® are suspended in a clear adhesive which may not dry to a perfect factory type "flat" paint finish therefore do not apply Datadots® to overt areas where they may look unsightly; for example on the top of handle bars or brake calipers or the lenses of a light or screen of a computer.

Ensure surfaces are always clean and dry and free from oil or grease prior to application.

Use the Datadots® to mark:

- Wheels
- Brake/gear levers
- Cranks
- Front & rear derailleur mechanisms
- Lights
- Computers

The Installation Procedure is as follows:

- (I) Shake the bottle well before use
- (II) Using the brush supplied within the bottle, paint the dots onto the components to be marked making sure that the dots are applied sparingly.

Apply the Datadots® where they are least likely to be affected by dirt, rain, spray, road grit or regular washing.



4) Additional Circular Warning Label (Ultimate and e-Bike/e-Mobility system)



The additional circular warning label is an important part of the system; it serves to warn potential thieves that all of your bikes components are security marked as well as your frame. To be fully effective the label should be installed in a highly visible location such as the top of the top tube or the handlebar stem.

Installation Procedure is as follows:

- (I) Having selected a suitable location for the label, clean the area with the supplied alcohol wipe or other suitable solvent cleaner and dry with a dry clean cloth.
- (II) Peel away one edge of the backing sheet and apply the adhesive side of the label to the prepared surface. Continue to gently peel away the backing sheet, applying the label until it is in place. Smooth out the surface of the label using a dry clean cloth, ensuring that the label is properly pressed into the surface and any air bubbles are removed.



5) 4 Black & White Ultra Destruct Visible Security Labels (Ultimate system only)



These four small rectangular labels comprise a unique identification number - laser engraved into a laminate surface - and are impossible to remove in one piece and leave a clear indication should removal be attempted.

Use these labels to mark wheel hubs, handle bars and seat posts. They can also be used to mark a frame if the cycle is made of unpainted titanium or stainless steel.

Installation Process is as follows:

- (I) Having selected a suitable location for the label, clean the area with the supplied alcohol wipe or other suitable solvent cleaner and dry with a dry clean cloth.
- (II) Peel away one edge of the backing sheet and apply the adhesive side of the label to the prepared surface. Continue to gently peel away the backing sheet, applying the label until it is in place.

The labels are very brittle so we suggest that you avoid touching the adhesive side of the label as it may stick to your fingers and fracture.

Smooth out the surface of the label using a dry clean cloth, ensuring that the label is properly pressed into the surface.



And finally...

Once you have completed the installation of all of the technologies in your system, you must register your system as soon as possible.

Please follow the instructions on the enclosed registration card to log into the Datatag registration portal and complete your registration. Please go to www.datatag.co.uk/registration/ and follow the on screen instructions.

Once your system is registered we will email you your registration documents. If you do not receive your documents within 24 hours, please check your Junk Mail folder. If you still find no documents, please call us on (UK) 03 450 700 440.

WARNING: UV Fluid Handling & Safety Precautions

Storage

The fluid should be stored in cool conditions away from direct sunlight. It should be kept away from food and drink and out of reach of children.

Spillage

Spillage of the small quantity supplied in this system can be mopped up with tissue and disposed of with normal waste.

Handling Precautions

- Contains Dichloromethane
- Harmful if swallowed
- Avoid contact with skin and eyes
- Do not eat, drink or smoke while using
- Do not use near a naked flame

Safety Information

Eye Contact - Wash eye(s) thoroughly for at least ten minutes. Seek immediate medical attention.

Skin Contact - Wash off with soap and water. Product is harmless to skin but may temporarily stain.

Swallowing - The nature of the product makes it impossible to ingest in harmful quantities except by deliberate action. If a quantity is swallowed, seek immediate medical attention. Show these instructions to the Doctor.

Inhalation - If the fluid is used in the quantity supplied for its specific use, it should be impossible to inhale sufficient vapour to cause any medical problems.

As a general precaution and in the interest of safety and hygiene, always wash hands thoroughly after use.

REMEMBER: Once you have completed the installation of all of the technologies in your system, you must register your system as soon as possible. Please follow the instructions on the enclosed registration card to log into the Datatag registration portal and complete your registration. **Please go to www.datatag.co.uk/registration/** and follow the on screen instructions.