

THE DATATAG 4x4 MARKING SYSTEM INSTRUCTIONS

A QUICK FIT INSTALLATION GUIDE



Datatag allows for the major and valuable components of your 4x4 to be security marked and registered on our secure 24/7 database.

By combining state of the art identification technology such as the Datadot® identification system, unique radio frequency identification (RFID) tags and ultra destruct labels, Datatag's award winning system provides you with one of the most successful deterrents to theft available.

When installed correctly Datatag will greatly reduce the risk of the theft of your 4x4.

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

IMPORTANT

- The system must be registered using the included registration paperwork as soon as possible. Remember to complete as much of the registration form as possible with full owner contact details.
- Remember, your 4x4 is not protected until it is registered.
- For advice please call: (UK) 03 450 700 440

THE DATATAG 4x4 SYSTEM INCLUDES THE FOLLOWING:



8 Unique Ultra Violet ID stencils to be used with the etching fluid listed below:



1 phial or small tube of chemical UV etching compound with applicator.



1 Tamper Evident Warning and re-registration label.



1 Domed resin colour - WARNING label.



3 Window warning decals (1 Rear and 2 Side)



1 tube of Datadots® with Datatag DNA, containing approximately 500 Datadots with brush applicator.



2 Glass RFID Datatag transponders (similar in size to a grain of rice)



2 Circular self-adhesive Datatag RFID Transponders

ADDITIONALLY: A hollow needle and injector rod and alcohol wipes. Registration paperwork and return envelope.

FITTING INSTRUCTIONS

1) The Glass RFID Transponder - Wiring Loom & Seat

This RFID transponders can be used somewhere in the wiring harness around the engine bay and also in one of the seats.

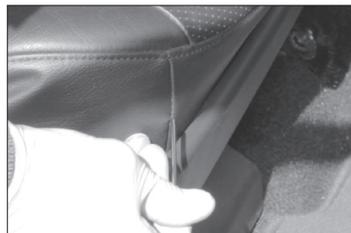
A. WIRING HARNESS INSTALLATION

- Find a suitable area of the wiring loom, ideally where a cable sheath is in place over the wires.
- Carefully insert the sharpened hollow needle into the wiring sheath at a very acute angle, ideally at a downward angle, taking care not to damage the wires. Try to insert the hollow needle at least 10mm into the wiring. INSERT TAGS IMAGES
- Carefully insert the RFID tag into the end of the Hollow needle and use the solid rod to VERY gently push the tag to the end of the needle
- Using the solid rod to hold the RFID tag in place, slowly withdraw the hollow needle from the wiring. Then gently remove the hollow rod. You may wish to place a small piece of insulation tape around the wire to fully seal the hole where the hollow needle was inserted.

NOTE! Transponders are unaltered by, and do not adversely affect signals or current within the loom, ignition or engine management systems. For best results, please install in a location which would be easily accessible for police to pass a scanner over at a distance of no more than a few inches

B. SEAT INSTALLATION

- Insert the hollow needle into the seat foam from the underside of the seat, or through a seam. DO NOT PIERCE THE SEAT FABRIC.
- Insert the needle at a 45 degree angle, to a depth of approx 10mm
- Carefully insert the RFID tag into the end of the Hollow needle and use the solid rod to VERY gently push the tag to the end of the needle
- Using the solid rod to hold the RFID tag in place, slowly withdraw the hollow needle from the wiring. Then gently remove the hollow rod.



2) Circular self-adhesive RFID Transponders

The circular self-adhesive transponders should be fitted covertly under the dash board, under the carpets, or in the boot lining. Ensure that the area is properly cleaned with the supplied alcohol wipe.

NOTE: Take care not to bend the transponder. It should be installed on a flat surface.

3) Datadots®

- Each tube contains approximately 500 Datadots® suspended in a special adhesive with a forensic DNA and a UV trace agent; each dot within the tube carries the same unique ID information!
- Datadots are used to protect as many parts of the engine as possible; even if components are stripped from the engine, the Datadots can provide conclusive identification. Datadots can also be applied inside the cabin inside the glove box, on foot pedal bars, etc.
- Datadots are visibly read using special magnifiers, already issued to the Police and other official organisations.

IMPORTANT! The Datadots are suspended in a clear glue which may not dry to a perfect factory type "flat" paint finish therefore, do not apply Datadots® to overt areas where they may impair vision or look unsightly such as the external bodywork or on top of the engine cover. Ensure surfaces are always clean and dry prior to application.

Instructions

- Shake the tube well before use
- Using the brush supplied within the tube, paint the dots onto the components or areas to be marked making sure that the dots are applied sparingly.
- Typically, mark the engine, electrics, back of head lights, radiator, fuel systems, wiring, throttle bodies, ignition systems
- Try to apply the Datadots® in 'blobs' rather than 'smears'

NOTE: Try to apply all the Dots and DNA Fluid contained in each system.

DO NOT USE ANY REMAINING DATADOTS® TO MARK ANY OTHER PROPERTY!



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4) The 8 Unique Numbered UV Etching System (See Safety Warning)



On limited occasions use of the UV Etching may cause a temporary chemical reaction to discreet areas of the vehicle on application which may result in the UV mark being visible. Such temporary UV visibility fades within a few weeks.

The ultra-violet etching of your car panels forms a major part of the theft deterrent and subsequent identification. It indicates to potential criminals that Datatag genuinely protects your 4x4 and there is too high a risk of being traced if they were to steal it.

The Datatag ultra violet marking fluid will provide a robust mark into the majority of automotive paint finishes, fibreglass (GRP) and lacquered Carbon Fibre. The etch will not mark bare metal or hardened anodised surfaces.

However, there are many variations in paint composition and we cannot guarantee that the ultra violet mark will be exactly the same on every paint finish and could in some cases remain visible.

Customers should therefore be aware of the following:

- Where a mark does not "take" it will simply wipe off.
- In most circumstances, marks will not be visible to the naked eye in daylight. However, from some angles and in a particular light an obvious 'Etch' can occasionally be visible in the panel.
- The UV mark is just outside the visible light spectrum and some combinations of light, angle of reflection and bodywork colour may cause the mark to become visible.
- Although the fluid usually provides a good mark into painted surfaces, some polishes or lacquers may inhibit the marking process, thus possibly reducing the depth of the mark and interactions between these surface finishes may increase the chances of the mark being visible in daylight.

As a result, we recommend that UV marks are always applied to discreet areas of the 4x4 such as lower edges of doors, the underside of the bonnet and inside of sills etc.

In the unlikely event that an UV mark is highly visible, we recommend that the following process is taken:

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

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

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.



5) THE DATATAG WARNING & RE REGISTRATION LABELS



I. Warning Label (Rectangular plastic domed label)

This warning label is a major part of the visible deterrent. It indicates to potential criminals that Datatag genuinely protects your 4x4 and there is too high a risk of being traced if they were to steal it.

It is VERY important to apply the plastic domed warning label to a highly visible area such as the back of the rear view mirror, the rear bumper/rear door.

The warning decal is designed to be applied ONCE and cannot be removed without damage.

Please take care to position the decal correctly.

Carefully ensure the selected surface is clean and dry; peel back just HALF of the protective backing. Place the edge with the backing onto the selected surface - so allowing it to be moved and positioned correctly. When you're happy with its position, carefully affix. Then pull the backing from behind the rest of the decal, thus uncovering the remaining adhesive and apply.



II. The square tamper evident re-registration Label

Fitting this label aids both the Police and future owners of the 4x4 to contact Datatag easily. This should ideally be placed on the inside of the glove box lid.

The decal is designed to be applied ONCE and cannot be removed without damage. Please take care to position the decal correctly.

Carefully ensure the selected surface is clean and dry; peel back just HALF of the protective backing. Place the edge with the backing onto the selected surface - so allowing it to be moved and positioned correctly. When you're happy with its position, carefully affix. Then pull the backing from behind the rest of the decal, thus uncovering the remaining adhesive and apply.



III. Window Warning Stickers

Please apply these on the inside of the side windows and rear window. They form a very important part of the Datatag system: it warns the criminal that your 4x4 is protected.

DO NOT affix these warning labels where they will obscure visibility or distract the driver of the vehicle.



**Once installed, immediately complete the online registration: <http://www.datatag.co.uk/registration/>
IF WE DO NOT RECEIVE THIS REGISTRATION THE MACHINE AND CUSTOMER DETAILS
WILL NOT BE REGISTERED.**