

THE DATATAG OFF-ROAD MOTORSPORT SYSTEM FITTING INSTRUCTIONS

A QUICK FIT INSTALLATION GUIDE



Datatag is Europe's Award-Winning theft deterrent & identification system. When installed correctly Datatag is proven to greatly reduce the risk of the theft of your Off-Road Motorsport vehicle.

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

IMPORTANT

- This system is designed to be fitted to Off Highway / Motorsport vehicles.
- For advice please call: (UK) 03 450 700 440 - we're always here to help!

Datatag allows for the major and valuable components of your off-road motorsport vehicle to be securely marked by combining state of the art identification technologies. These include, covertly placed and uniquely coded disc and glass RFID transponders, the Datadot® identification system which now includes an invisible Datatag Forensic DNA solution and the Ultra Destruct visible identification labels. All this makes Datatag's award winning system one of the most successful deterrents to theft available.

THE DATATAG SYSTEM INCLUDES THE FOLLOWING:



6 Ultra Destruct Visible Identification Labels.



1 Bottle of Datadots® containing 100's of Datadots® including an invisible Datatag Forensic DNA with brush applicator.



1 Tamper Evident Warning and Re-registration Label.



2 Glass RFID Transponders



1 Domed Resin WARNING Label.



2 Self Adhesive 25mm RFID Disc Transponders.



1 Hollow needle and injector rod and alcohol wipes

FITTING INSTRUCTIONS - 1) RFID Transponders

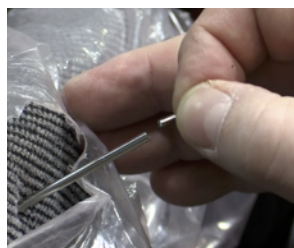
The RFID (Radio Frequency Identification) transponders are hidden covertly into places where they will be difficult to find and remove. These transponders are only readable with specialist equipment which is normally in the possession of the police. These transponders can be read from a distance and decoded to provide a method of identification for the off-road motorcycle. **NOTE!** Transponders are unaltered by, and do not adversely affect signals or current within the loom. Dataloggers, ignition controllers and other similar devices may be safely used without detriment.

The 1st Glass RFID Transponder - Seat Unit



We recommend that the first glass transponder is used for tagging the vehicle seat.

- 1) Either remove the seat from your off road Motorcycle or identify a suitable location on the underside of the vehicle seat unit where the needle can be inserted safely into an exposed area of the foam padding.
- 2) Load the glass transponder into the hollow needle (the steel tube that has one end sharpened) taking care not to prick or cut yourself. Insert the injector needle into the seat foam at an angle, taking extra care not to pierce or cut your seat cover.
- 3) Push the transponder into the foam by inserting the metal rod supplied into the needle and pushing it until the transponder has cleared the needle and is held within or injected into the seat foam.
- 4) Remove the needle over the rod and then the rod, replace the safety cap on the needle and store safely for re-use or dispose of safely. (Take care to note that the glass transponder does not come out of the seat unit)



The 2nd Glass RFID Transponder - Wiring Harness



We recommend the second glass transponder is used somewhere in the wiring harness. **(Do not use the needle and rod in this process).**

- 1) Find a suitable area of the wiring loom, ideally where an open end of the cable sheath is accessible. (Note: this needs to be somewhere it can be scanned so do not place the transponder too deeply in to the vehicle).
- 2) Carefully insert the transponder into the sheath taking care not to damage the cables. (Some owners prefer to coat the transponder with glue prior to insertion to prevent accidental loss).
- 3) Seal the end of the sheath with either a small cable tie or black insulating tape.
- 4) If it is not possible to insert the transponder into a length of sheathed cable it is sometimes possible to carefully slip it into gaps in existing insulation tape, or it can be taped to the wiring using insulation tape to disguise it.



The Circular Self-Adhesive RFID Transponders - Panels / Large Plastic Components



The circular self-adhesive transponders have a strong adhesive layer which after 24 hours provides a strong and durable bond.

- 1) Identify two locations on the vehicle for placement of the self adhesive transponders, (the more covert the location the better) for example, these can be inside a fairing or body panel, on the side of the battery box, the air box, under the tail piece, the underside of the fuel tank (if plastic) or under the seat on the upward facing side of the rear mud guard or any other location where the transponder is reasonably well hidden and protected. Ideally the area will be either flat or only have a slight curvature. Do Not wrap the transponder around frame tubes and these transponders are best placed on a plastic surface if possible.

- 2) Clean the chosen areas either with the alcohol wipe provided or solvent degreaser making sure the area is completely dry and free from dirt, oil, or grease.
- 3) Remove the backing sheet from the transponder and firmly place it in the chosen position, gently rub the face of the transponder to make sure it is fully adhered to the surface.

Please Note: The transponders are read and identified by special scanners and therefore, do NOT need to be visible to be identified. Make sure the areas where the transponders are to be placed are free from oil, grease, dust, mud and rust etc and as clean as possible.

2) Datadots® & the Datatag Forensic DNA Invisible solution.



- Each tube contains 100's of Datadots®, each dot within the tube carries same unique ID information! The adhesive carrying the Datadots® also contains unique Forensic chemical DNA. This gives the vehicle its own unique DNA
- Datadots® are used to protect as many parts of the vehicle as possible, even if components are stripped from the original item the Datadots® and Datatag DNA can provide conclusive identification.
- Datadots® are visibly read using special magnifiers, already issued to the Police and 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 fairings. Ensure surfaces are always clean and dry prior to application.

Instructions

- 1) Shake the bottle well before use, if possible, leave inverted for 5 mins in a warm place to allow all the Datadots® to disperse in the bottle.
- 2) Using the brush supplied within the bottle, paint the Datadots® (it is recommended to 'blob' and not 'smear' the Datadots®) and the Forensic DNA onto the components or areas to be marked.



Examples of typical items that can be marked with Datadots® and Forensic DNA include: The underside of the seat, wheels hubs, trims, fairings, dashboard, chassis tubes, carburettor or injector bodies, manifolds, alternator, wiring, electrical components, hydraulic parts, engine casings, **BUT NOT** hot areas such as the exhaust or cylinder heads.

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

3) The 6 Ultra Destruct Visible Identification Labels



The 6 Ultra Destruct Visible ID labels are to mark the major structural components of your vehicle, for example:

- The frame (main frame rail - under seat or away from areas that will be subject to wear)
- The wheels (hubs or inner rims)
- The forks (fork tubes, ideally between yokes. NOT fork sliders)
- The swing arm (not chain side and ideally on inside)
- The suspension units (on suspension body, not spring or shock piston rod)
- Crankcase/Gearbox.

Do not use on - hot areas such as exhaust, or cylinder heads.

The labels use a very strong adhesive and once stuck to a clean surface they are impossible to remove in one piece. Great care should be taken when applying the labels.

To apply the labels:

1. Carefully select area to place label (see above)
2. Clean chosen area with a solvent cleaner
3. Peel back just HALF of the protective backing and place the edge with the backing onto the selected surface.
4. Once you are happy with the positioning press down the edge with the adhesive exposed and then continue to peel the remaining backing away and press down the label.

Do not attempt to remove a label once you have started to stick it to the surface - it will break up.



4) WARNING Label (Rectangular Plastic Domed Label)



Fitting the decal forms a major part of the visible deterrent. It indicates to potential criminals that Datatag genuinely protects your vehicle 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, edge of the windscreen adjacent to the fairing, top of petrol tank or top of tail piece on a motorcycle. In a car it can be applied to the boot lid, dashboard or any where visible.

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.



5) The Square Tamper Evident WARNING and Re-registration Label



Fitting this label aids both the Police and future owners of the vehicle to contact Datatag easily. This should ideally be placed under the seat area but NOT on the seat. If the vehicle is a single seat machine, please find a non prominent location, such as the battery compartment.

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.



Once you have installed this Datatag system please complete and return part one (top copy) of the two part registration document in the supplied envelope. Keep part two (bottom copy) safely for your own records.

Please remember that if we do not receive this form your motorcycle will not be registered and will not be protected.

IMPORTANT: If your motorcycle is stolen please report it to the police and advise them that it was fitted with Datatag. Please also advise Datatag of the theft by calling us on 03450 700 440.