

## Maintenance and Service

Your Datatool dealer will be able to assist in the event of any problem with your security system. If you experience any difficulty with your security system, take your vehicle back to your dealer and ask for assistance.

If you lose any of your transponder tags, your Datatool dealer will be able to assist you in obtaining replacements.

All information correct at time of printing, certain specification or features may change without notice. E&OE.



Datatool is a brand of Scorpion Automotive Ltd  
Scorpion House, Drumhead Road  
Chorley North Business Park  
Chorley, Lancashire  
PR6 7DE

Tel: +44 (0) 1257 249 928  
Email: [info@datatool.co.uk](mailto:info@datatool.co.uk)

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# ***DEMON***UNO

## Transponder Immobiliser System

### User Guide

## Demon Uno Immobiliser System USER GUIDE

### 1. Introduction

The Demon Uno security system will protect your vehicle against today's sophisticated thief, however, this security system is designed as a deterrent against the theft of a vehicle, and as such, cannot offer any guarantee. The system is designed to offer a high level of convenience and does not require any special knowledge to operate.

### 2. About Your Security System

The Datatool Demon Uno Security System is a sophisticated transponder immobiliser. The transponder tag is a small transmitting device which, when introduced within the proximity of the vehicle's ignition, sends a unique code which the immobiliser responds to and allows the vehicle to start. Without the correct transponder tag the vehicle will not start. If the transponder is lost, the immobiliser may be disarmed by entering the emergency override PIN code. The system also incorporates a red LED to indicate the status of the system as well as acting as a visual deterrent.

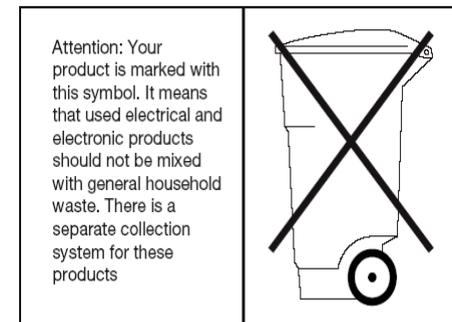
### 3. Arming The System

When the ignition is turned off and the keys removed from the ignition (with the transponder tag attached to the keyring), the system will go into a pre-arming state and the red LED will illuminate.

program ALL the transponder tags that you wish to operate the system, including your existing ones.

### 7. Deleting Lost Or Stolen Transponder Tags

If you lose or suspect that one of your transponder tags has been stolen, it is imperative that the transponder tag is "deleted" from the system to maintain security. To do this, follow the instructions above on programming transponder tags once you have procured a replacement tag. By following the above instructions this will delete any tag(s) that you do not have.



- Switch the ignition off, the LED will illuminate constantly
- Wait 10 seconds then switch the ignition on and off twice, then back on - carry out this sequence within 7 seconds. The red LED will flash quickly indicating that the system is now ready to accept new transponder tags.
- Pass the first new transponder tag close to the ignition barrel - the red LED will flash once to indicate that a transponder tag has been programmed. Note that a tag already programmed into the system will not be accepted as the first tag during this process. If you wish to add a new tag, make sure that the new tag is the first to be programmed into the system.
- Pass the next transponder tag close to the ignition barrel - this time the red LED will flash twice indicating that a second transponder tag has been programmed in.
- Continue with all the transponder tags (up to 5 including any original tags) that you wish to program in.
- On completion of the above, turn the ignition off to exit the programming sequence.

#### **NOTE**

On programming new transponder tags to the system all previous (old) tags are erased, this means that any lost or stolen tags will not work. For this reason you must

During this period (approximately 20 seconds) the ignition can be switched back on, cancelling the pre-arm and allowing the engine to be started.

After 20 seconds has elapsed, the immobiliser will arm and the red LED will now flash slowly indicating the engine is now immobilised.

#### **4. Disarming The System**

Inserting your keys (with the transponder tag attached) into the ignition will result in the red LED extinguishing when turning the ignition on, indicating that the vehicle can now be started.

#### **5. Disarming Using The Emergency PIN Code.**

The Demon Uno is factory programmed with a random 4 digit PIN code which allows the system to be disarmed if the transponder tags are lost. This PIN code should be carefully recorded and kept securely. If the PIN code is lost, contact your local Datatool dealer, provide them with the unit serial number and request they obtain the PIN code from Datatool. If the PIN code and the transponder tags are lost you will be unable to disarm the immobiliser.

The procedure to disarm using the PIN code is as follows: Without a transponder present, turn on the ignition. The LED will flash rapidly for approximately twenty seconds while searching for a transponder, then extinguish for a few seconds, the LED will then start to flash rapidly for three seconds to indicate the start of the PIN counting sequence.

The LED flashes slowly to count out the PIN code in sequence from zero to 9; one flash for each of the digits 1 - 9. The ignition should be switched off and back on after the appropriate number of flashes has been given, corresponding to each digit of the supplied PIN code. As soon as a digit has been entered and the ignition is switched back on the LED will start to flash rapidly to indicate the start of the next PIN digit entry sequence. When all four digits have been correctly entered, the immobiliser will disarm.

If one or more digits are entered incorrectly, turn off the ignition, wait for the LED to start flashing slowly and then restart the process. If incorrect PIN digits are entered three times in succession the LED will give a repeating double flash for two minutes to indicate that the PIN entry mechanism has been temporarily disabled.

**Example:** To enter the 4 digit PIN code (e.g. 3120)

Switch on the ignition. Wait while the LED flashes rapidly during the transponder search, then extinguishes for two seconds, the LED will then start to flash rapidly for three seconds before starting to flash slowly. After the third flash switch the ignition off to register a '3' for the first digit of the example PIN code, then immediately switch the ignition back on.

Wait while the LED flashes rapidly for three seconds, then starts to flash slowly. Switch off the ignition after the first flash to register a '1' for the second digit of the example PIN code, then immediately switch the ignition back on.

Wait while the LED flashes rapidly for three seconds, then starts to flash slowly. Switch off the ignition after the

second flash to register a '2' for the third digit of the example PIN code, then immediately switch the ignition back on.

Wait while the LED flashes rapidly for three seconds and extinguishes, then immediately switch off the ignition to register a '0' for the fourth digit of the example PIN code, the immobiliser should now be disarmed. The ignition should now be switched on and the vehicle can be started. If the ignition is turned off for more than 20 seconds the immobiliser will automatically rearm.

## 6. Programming New Or Additional Transponder Tags

Although the system is supplied with 2 transponder tags, you may wish to replace or add further tags to the system. If you require any further transponder tags for the system your Datatool installer can supply up to 5 tags per installation (maximum of 5 to preserve security).

To program new transponder tags into the system please proceed as below:

- Remove your existing transponder tag from your keyring.
- Turn the ignition on, the LED will flash rapidly.
- Within 20 seconds disarm the system using your existing transponder tag, by holding it up to the ignition barrel and then removing it. (The LED will extinguish).