

# DUO/UNO TROUBLESHOOTING

## Disarming does not function

- Check that the Touch Pad is not dirty or corroded. If necessary, clean with warm soapy water or, if excessively dirty, a pencil eraser.
- Check the in-line fuse

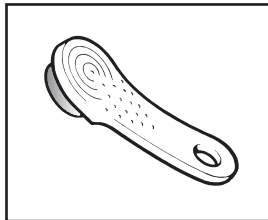
## The motorcycle engine will not run

- Check that the unit is disarmed.
- Check the in-line fuse (If the replacement fuse blows repeatedly, consult your dealer)

If there is a failure within the system when the motorcycle is being ridden, it will not be immobilised until the ignition is switched OFF. The motorcycle will not start again until the fault is rectified.

## SPARE AND REPLACEMENT TOUCH KEYS

Touch Keys are unique to your immobiliser system. New Touch Keys cannot be programmed for your immobiliser unless you have one of the original Touch Keys. **If you lose one Touch Key, it is highly recommended that you order a replacement from your dealer immediately.**



## GENERAL CARE AND MAINTENANCE

### TOUCH PAD AND TOUCH KEY

The Touch Pad and Touch Key must be cleaned regularly with warm soapy water.

### CONTROL UNIT

The control unit contains delicate electronic circuits and must never be pressure washed or steam cleaned.

### MOTORCYCLE BATTERY

The Alarm System consumes <2mA when the motorcycle is being protected. If the motorcycle is parked or stored for a long period, or has a small or old battery, the motorcycle battery can eventually discharge.

Intelligent battery chargers and optimisers are available to maintain the motorcycle battery in top condition, recommended types are Optimate (DATATOOL Part No 02012011) and Airflow (DATATOOL Part No 02012009). DATATOOL does not recommend that any other charging device is used unless the system has been put in SERVICE MODE and the IN-LINE Fuse has been removed prior to connection of the charging device.

Contact your DATATOOL Dealer for further information.

## GENERAL SECURITY

The DATATOOL DUO/UNO immobiliser system will provide an effective deterrent against theft. It will not in itself guarantee that your motorcycle is not stolen or damaged. We strongly advise that your alarm is used in conjunction with basic anti-theft precautions.

## ACCESSORIES

A range of accessories are available to extend the performance of your immobiliser. These are available from your dealer or importer and include:

- Spare and replacement touch keys are available from your dealer.
- Movement Sensor and Siren Kit.
- LED Alarm Indicator (UNO only with Serial Number Code 701 or later).

## ROADSIDE ASSISTANCE

### CERTIFICATE OF INSTALLATION

To gain the full benefits of the DATATOOL Roadside Assistance, the completed Certificate of Installation given to you by the DATATOOL Authorised Installer must be returned to DATATOOL at the following address:

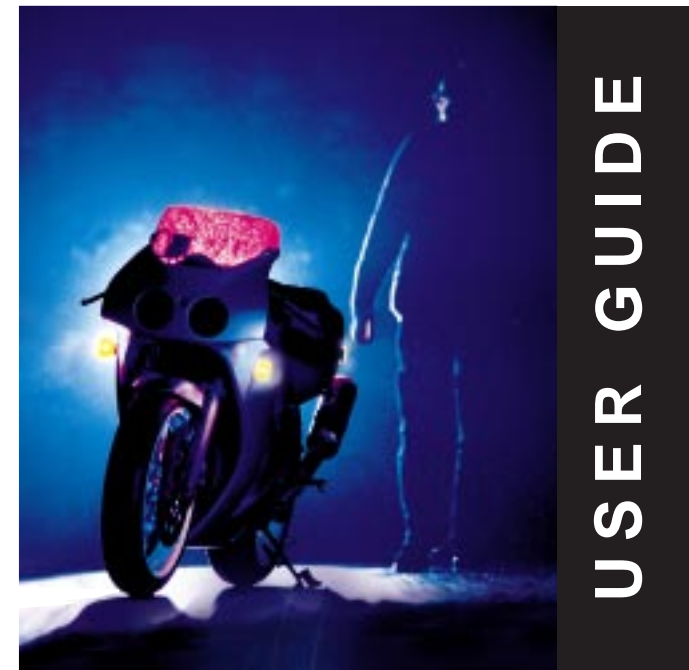
**S C HILL LIMITED**  
Anstey Mill Lane, Alton, Hampshire United Kingdom GU34 2QQ.

## WARRANTY TERMS AND CONDITIONS

Full written details of the Warranty Terms and Conditions will be given to you by the DATATOOL Authorised Installer.

DATATOOL Products are designed and produced in the UK by  
**S C HILL LIMITED**  
Anstey Mill Lane, Alton, Hampshire GU34 2QQ United Kingdom  
Telephone: +44 (0) 1420 541444 Fax: +44 (0) 1420 541447  
web: www.datatool.co.uk

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USER GUIDE

# DATATOOL

## DUO/UNO IMMOBILISER

### WARNING

UNAUTHORISED ALTERATIONS OR ADDITIONS TO THE DUO/UNO SYSTEM MAY INVALIDATE THE WARRANTY AND CERTIFICATE OF INSTALLATION

ALWAYS CONSULT YOUR DEALER

In order to ensure maximum security, you are advised to gain a full understanding of the system by reading this User Guide.

### IMPORTANT

even if you read nothing else  
**READ THIS!**



Make sure your installer advises you of the location and type of the in-line fuse, if the fuse fails, your motorcycle will be immobilised until it is replaced.

**ALWAYS CARRY A SPARE**

Your motorcycle is fitted with a sophisticated anti-theft engine immobilisation system. Make sure that your installer advises you of the location and function of the main components.

### THE DUO IMMOBILISER

The DUO System consists of the following main components:

- Two Remote Transmitters
- Installed DUO Control Unit
- Installed In-Line Fuse and Spare Fuse
- Installed LED Alarm Indicator
- Warning Labels
- Troubleshooting Label (Attached to underside of seat)
- Accessory Circuit wires (Movement Sensor/Siren Kit option)

The pink and yellow/green tagged accessory circuit wires are for an optional movement sensor/siren kit which is supplied with separate fitting and user instructions. The wires will be insulated and cable tied if not used.

### THE UNO IMMOBILISER

The UNO System consists of the following main components:

- Two Touch Keys
- Installed UNO Control Unit
- Installed In-Line Fuse and Spare Fuse
- Warning Labels
- Troubleshooting Label (Attached to underside of seat)
- LED Alarm Indicator (Option)

If the optional LED Alarm Indicator has been fitted to the UNO system, the user should use the DUO OPERATING INSTRUCTIONS for LED indication)

### DUO/UNO SERVICE MODE (VALET MODE)

Use this facility to disable the alarm system eg: when you wish to service or clean your motorcycle, or remove the motorcycle battery.

#### IMPORTANT

**DO NOT LEAVE THE MOTORCYCLE UNATTENDED IN SERVICE MODE AS IT IS TOTALLY UNPROTECTED**

### DUO/UNO ALARM REACTION




Once triggered, the alarm will sound and the indicators will flash for 30 seconds before switching off automatically.

To switch OFF the alarm manually, place the touch key against the touch pad


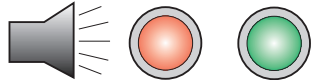

If the alarm has been triggered in your absence. On your return, the LED alarm indicator on the motorcycle (if fitted) will be flashing rapidly.

## DUO OPERATING INSTRUCTIONS


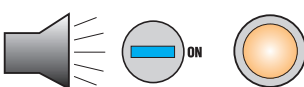


### TO ARM THE DUO IMMOBILISER

Turn <b>OFF</b> the ignition	
The LED will turn <b>GREEN</b> for 10 seconds followed by a 4 second <b>TONE</b>	
The LED will then turn <b>RED</b> indicating that the motorcycle is immobilised	

### TO DISARM THE DUO IMMOBILISER


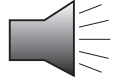

Place your <b>TOUCH KEY</b> against the Touch Pad	
You will hear a short <b>TONE</b> , the LED will change from <b>FLASHING RED</b> to <b>GREEN</b>	
If the ignition is not turned <b>ON</b> within 20 seconds, the system will rearm automatically	

### SERVICE MODE (VALET MODE)


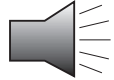

To enter Service Mode, turn <b>OFF</b> the motorcycle ignition and hold the <b>TOUCH KEY</b> against the Touch Pad until the LED extinguishes	
When in Service Mode an audible <b>BEEP</b> will be heard every 3 seconds. If the ignition is turned <b>ON</b> in Service Mode, the LED will glow <b>ORANGE</b>	
To leave Service Mode, turn <b>OFF</b> the ignition and place the <b>TOUCH KEY</b> against the Touch Pad until the LED turns <b>GREEN</b>	
If the ignition is not turned <b>ON</b> within 20 seconds, the system will arm automatically	

## UNO OPERATING INSTRUCTIONS


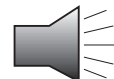

### TO ARM THE UNO IMMOBILISER

Turn <b>OFF</b> the ignition	
After 10 seconds a 4 second <b>TONE</b> will be heard, the motorcycle is now immobilised	
If the ignition is switched <b>ON</b> , a 4 second tone will be heard and the motorcycle will remain immobilised	

### TO DISARM THE UNO IMMOBILISER

Place your <b>TOUCH KEY</b> against the Touch Pad	
You will hear a short <b>TONE</b> , the motorcycle is now operational and can be started	
If the ignition is not turned <b>ON</b> within 20 seconds, the system will rearm automatically	

### SERVICE MODE (VALET MODE)

To enter Service Mode, turn <b>OFF</b> the ignition and hold the <b>TOUCH KEY</b> against the Touch Pad for 6 seconds, a rapid series of <b>BEEPS</b> will be heard	
When in Service Mode an audible <b>BEEP</b> will be heard every 3 seconds.	
To leave Service Mode, turn <b>OFF</b> the ignition and place the <b>TOUCH KEY</b> against the Touch Pad for 6 seconds, a rapid series of <b>BEEPS</b> will be heard followed by a constant <b>TONE</b> .	
If the ignition is not turned <b>ON</b> within 20 seconds, the system will arm automatically	