



USER GUIDE

DATATOOL

VETO EVO USER GUIDE

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

VETO EVO

User Guide



THATCHAM
THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE

*Complies with
The British Insurance Industry's
Criteria for Motorcycle Security*

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

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

The VETO EVO System consists of the following main components:

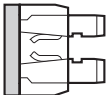
- Two Remote Transmitters
- Installed VETO EVO Control Unit
- Movement Detection Customising Wires
- Installed Protective Trigger Switch
- Installed In-Line Fuse and Spare Fuse
- Installed LED Alarm Indicator
- Warning Labels
- Troubleshooting Label (Attached to underside of seat)

WARNING

UNAUTHORISED ALTERATIONS OR ADDITIONS TO THE VETO EVO 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.



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 FUSE

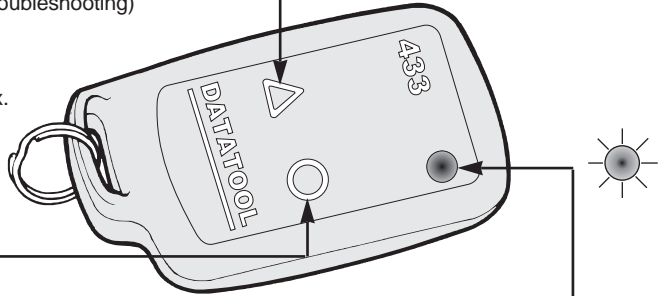
Make sure your installer advises you of the location of the Protective Trigger Switch.

NORMAL OPERATION

USED FOR

1. MOVEMENT DETECTION FUNCTIONS
2. RE-ALIGNMENT (See Troubleshooting)

Active Range 10m max.

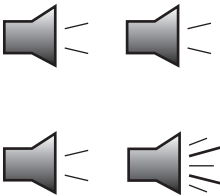


USED FOR

1. ARMING/DISARMING
2. SERVICE MODE
3. RE-ALIGNMENT (See Troubleshooting)

TRANSMITTER BATTERY STATE INDICATION

ARMING THE ALARM SYSTEM



- **Manual Arming**
To arm the alarm system manually, turn the ignition switch **OFF**, press the **O**, until the indicators flash twice with two audible beeps.
- **Automatic Arming**
In any case, the alarm system will arm itself automatically 30 seconds after the ignition has been switched **OFF**.
- **Movement Detection**
The standard setting for Movement Detection is Passive Arming and Pre-Reaction Alert Mode. In this mode, Movement Detection is enabled automatically when the alarm arms. Warning beeps will sound if the motorcycle is nudged or moved, too many beeps within a certain time will initiate a full alarm reaction. (Movement Detection can be customised to meet individual requirements - see Page 4)

Movement Detection can be disabled by pressing the **▲** on the transmitter, allowing you to refill the petrol tank or load luggage without triggering the alarm.

DO NOT LEAVE THE MOTORCYCLE UNATTENDED WHEN MOVEMENT DETECTION IS DISABLED.



During the arming process, the LED alarm indicator on the motorcycle will illuminate constantly for five seconds. Once armed, the LED will flash once every second if Movement Detection remains enabled, or once every two seconds if Movement Detection has been disabled.

DISARMING THE ALARM SYSTEM



- **To Disarm the Alarm** - Press the **O**, until the indicators flash once with one audible beep.

NORMAL OPERATION

PROTECTIVE TRIGGER SWITCH

A Protective Trigger Switch is fitted close to the Alarm Control Unit protecting it from access eg: under the seat, side panel or petrol tank.

If access is required to the area protected by the Protective Trigger Switch, the alarm system must be placed in Service Mode (see below) or the system must be disarmed.

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.

- Disarm the alarm system by pressing the **O**.
- With the ignition switched **ON**, **press and HOLD** the **O** until an audible beep is heard. The ignition can then be turned off.



When the alarm system is in Service Mode, the LED alarm indicator on the motorcycle will remain ON and an audible beep will be heard every 15 seconds.

IMPORTANT

The motorcycle is totally unprotected in Service Mode

In Service Mode, the Protective Trigger Switch is disabled.

- To return to normal operation, press the **O**.

ALARM REACTION



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, press the O on the transmitter.

NOTE: If the condition which caused the alarm to trigger remains, and the alarm is not switched off manually, the alarm reaction will continue for a further nine cycles.

ALARM REACTION INDICATION

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



MOVEMENT DETECTION

The System as supplied by DATATOOL is set to arm in **PRE-REACTION ALERT MODE** with Movement Detection in **Passive Arming Mode**.

Movement Detection can be customised to meet individual requirements in two ways. Selection is by grounding of colour coded wires, your installer will tell you where these are located, or check your certificate of installation.

CHOICE 1 Do you want the alarm to react immediately if the motorcycle is nudged or moved (**Instant Trigger**), or would you like a warning first (**Pre-Reaction Alert**).

CHOICE 2 Do you want Movement Detection to be enabled automatically (**Passive Arming**) when the motorcycle ignition is turned OFF, or do you want to enable Movement Detection manually when you are ready to leave the motorcycle unattended (**Command Arming**).

NOTE: Command Arming allows you to refill the petrol tank or load luggage without triggering the alarm. **DO NOT LEAVE THE MOTORCYCLE UNATTENDED IN THIS MODE** as Movement Detection is disabled. This is indicated by the motorcycle LED flashing slowly (once every two seconds) to remind you.



PRE-REACTION ALERT MODE

When armed and with Movement Detection enabled, warning beeps will sound if the motorcycle is nudged or moved. Too many beeps within a certain time will initiate a full alarm reaction.



INSTANT TRIGGER MODE

When armed and with Movement Detection enabled, any movement, shock or vibration will result in an immediate full alarm reaction.

In Instant Trigger Mode only, the sensitivity of Movement Detection can be set to one of two levels (Dealer change only).

IMPORTANT

Customisation of Movement Detection Sensitivity must only be carried out by a DATATOOL Authorised Dealer

CUSTOMISATION WIRES

Movement Detection is customised by securely grounding (connecting to a suitable earth point on the motorcycle) a combination of the **YELLOW** and **BLUE** coloured customisation wires.

YELLOW WIRE	
ISOLATED Passive Movement Detection (Automatic Arming)	GROUNDDED Command Movement Detection (Manual Arming)

BLUE WIRE	
ISOLATED Pre-Reaction Alert Mode	GROUNDDED Instant Trigger Mode

MOVEMENT DETECTION

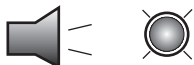
SWITCHING MOVEMENT DETECTION OFF



If the alarm system is set to arm with Movement Detection enabled (Passive Arming), Movement Detection can be turned **OFF** as follows:

- Arm the system as normal
- Wait until the LED Alarm Indicator flashes
- Press the ▲ on the Transmitter until an audible beep is heard

The LED Alarm indicator will flash once every TWO seconds - Indicating Movement Detection has been **DISABLED**.

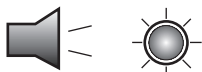


SWITCHING MOVEMENT DETECTION ON

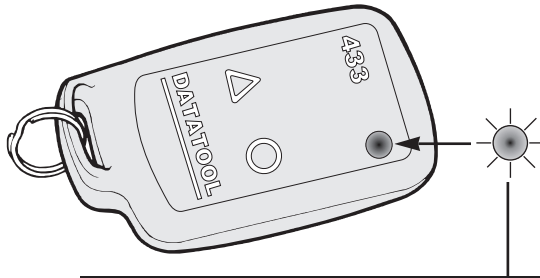


If the alarm system is set to arm with Movement Detection disabled (Command Arming), Movement Detection can be turned **ON** as follows:

- Arm the system as normal
- Wait until the LED Alarm Indicator flashes
- Press the ▲ on the Transmitter until an audible beep is heard
- The LED Alarm indicator will flash once every second - indicating Movement Detection has been **ENABLED**.



TRANSMITTER



TRANSMITTER BATTERY STATE INDICATION

TRANSMITTER BATTERY STATE INDICATION

Slow Flashing -

CHECK BATTERY CONTACTS ARE CLEAN or REPLACE BATTERY

Rapid Flashing -
Battery Type -

**IMMINENT TRANSMITTER FAILURE
GP23A**

SLOW FLASHING
1 flash/sec.



REPLACE BATTERY

If the transmitter LED flashes **slowly** when either the **O** or **▲** is pressed, check battery contacts are clean or **REPLACE THE BATTERY** as soon as possible. Failure to do so could mean that you are unable to disarm the alarm, resulting in the alarm remaining active and the motorcycle remaining immobilised.

RAPID FLASHING
5 flashes/sec.



IMMINENT FAILURE

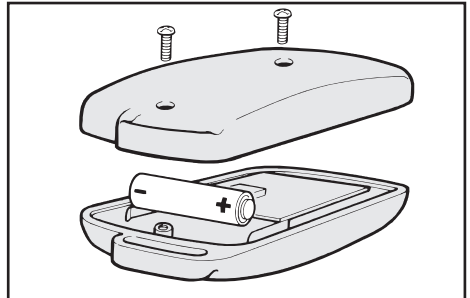
IMPORTANT

If the transmitter LED flashes **rapidly** when either the **O** or **▲** is pressed, **TRANSMITTER FAILURE IS IMMINENT - you will NOT be able to disarm the alarm and the motorcycle will be IMMOBILISED.**

TRANSMITTER BATTERY REPLACEMENT

To clean the battery contacts, or to replace the battery, open the casing using the two screws.

Make sure that the replacement battery is of the correct type and located in the correct position with the polarity maintained.



TRANSMITTER DELETION

If for any reason a Transmitter code needs to be deleted from the VETO EVO System, the Control Unit PCB must be removed by a DATATOOL Dealer and returned to DATATOOL with the transmitters associated with it.

There is a nominal charge for this service.

**IN-LINE FUSE -
ALWAYS CARRY
A SPARE**

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.

If the replacement fuse blows repeatedly, or you continue to experience difficulties consult your dealer.

IMPORTANT

If there is a failure within the control unit, or if the unit detects spurious or missing signals from the motorcycle, the alarm control unit will not immobilise the motorcycle until the ignition is switched OFF.

The motorcycle will not start again until the "fault" has been rectified.

Can NOT disarm (or manually arm) the alarm system

- Check the alarm system fuse.
- Check that you are within range of the motorcycle (10m max.).
- Check the ignition switch is in the **OFF** position.
- Check the integrity of the transmitter battery (see transmitter battery state - page 6).
- Check that the transmitter signal is correctly aligned with the control unit by pressing both the **O** and **▲** buttons on the transmitter simultaneously for at least 5 seconds, release the buttons and try again. (Note: Re-alignment will not work with low transmitter battery state).

Transmitter Code Re-Alignment Procedure

Starter motor fails to function

- Check the alarm system fuse (NB: if the indicators do not function when arming/disarming or during alarm reaction, this normally indicates a failed fuse or lack of power supply/earth to alarm system).
- Check the motorcycle battery is in good condition.
- Ensure (where applicable) that engine 'Run/Stop' switch is in the 'run' position, side stand is up and motorcycle is not in gear.

Check that alarm system can be put in Service Mode (see page 3). If not, check all motorcycle fuses as this indicates that the alarm is not receiving an "ignition on" signal.

False alarms can be initiated by the following



- Failure of the alarm system fuse (see above).
- Movement Detection set too sensitive, (see Movement Detection) ask your DATATOOL dealer to reset the sensitivity to its least sensitive setting.
- Protective Trigger Switch not set or adjusted correctly.

GENERAL CARE AND MAINTENANCE

TRANSMITTER

The transmitter contains delicate electronic circuits and must be protected from impact and water damage.

CONTROL UNIT

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

MOTORCYCLE BATTERY

The Alarm System consumes <2.5mA 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 VETO EVO alarm/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 alarm system. These are available from your dealer or importer and include:

- Additional Remote Transmitters
- Garage Security Kit
- Plug in Movement Sensor for tank bag/soft luggage
- Pocket Paging Alert (Available only in certain countries)
- Intelligent Battery Float Charger
- Additional Trigger Switches for hard luggage and/or seats

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 GU34 2QQ United Kingdom

WARRANTY TERMS AND CONDITIONS

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