TDB1000 ADVANCED SECURITY SYSTEMS ELECTRONIC TESTER

OPERATING MANUAL

The Diagnostic BOX .com

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INTRODUCTION

The **TDB1000** Advanced Security Systems Electronic Tester or 'The A.S.S.E.T' has been designed and developed to provide a simple and easy system for:

- *Programming Transponder Keys*
- *Programming Remote Control Keys*
- *Reading Security Pin Codes*
- *Resetting Used Remote Control Keys*
- *Programming Proximity System Keys*

The **TDB1000** brings the complicated key programming systems and operations together, with detailed technical information and support, to make the process simple and easy to complete. With support from our web site and applications ***www.wikikey.com*** the **TDB1000** puts together all the information required to make locksmithing and advanced workshop key programming simple and affordable.

The Diagnostic Box Team have come together with over 50 years of experience between them within the locksmith and automotive business, and gives you the opportunity to simplify and expand your business, and bring in new business with the help of our expertise.

The **TDB1000** is the simplest and most cost effective key programming system on the market, it has a team of experts backing-up the product, with real people and real updates.

The **TDB1000** is designed and manufactured in the United Kingdom, and has a technical support team to support the product now and in the future giving you the confidence that this is the right choice.

The **A.S.S.E.T APP** is a custom built support application for Android and Apple devices which allows owners to communicate with technical support and other owners to get help and information.

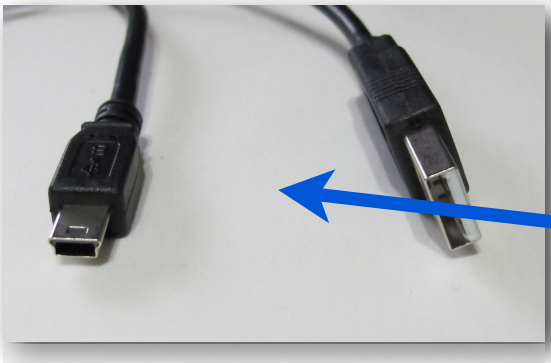
In addition we have the **WIKI KEY** application and web site, which offers technical information regarding each vehicle and system. The **WIKI KEY** system offers key and remote part numbers, video tutorials, transponder information, OBD location, Tips and Tricks and much more.

GENERAL OPERATION

The **TDB1000** Advanced Security Systems Electronic Tester

TDB1000 SERIAL NUMBER

TDB1000 VEHICLE CABLE

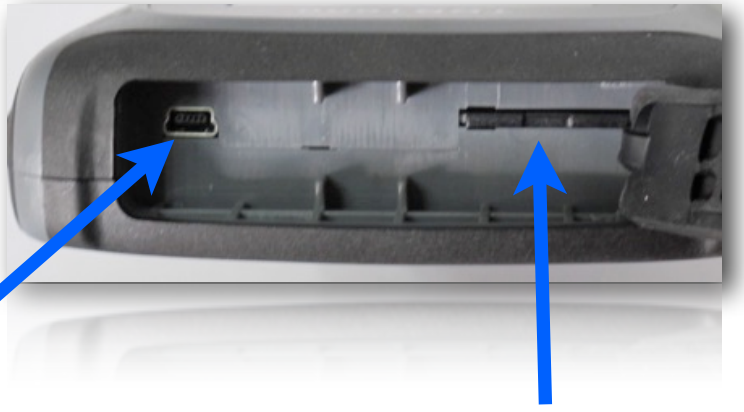


TDB1000 PC UPDATE CABLE

GENERAL OPERATION

INTERFACE/VEHICLE CONNECTION

TOP PANEL ACCESS COVER

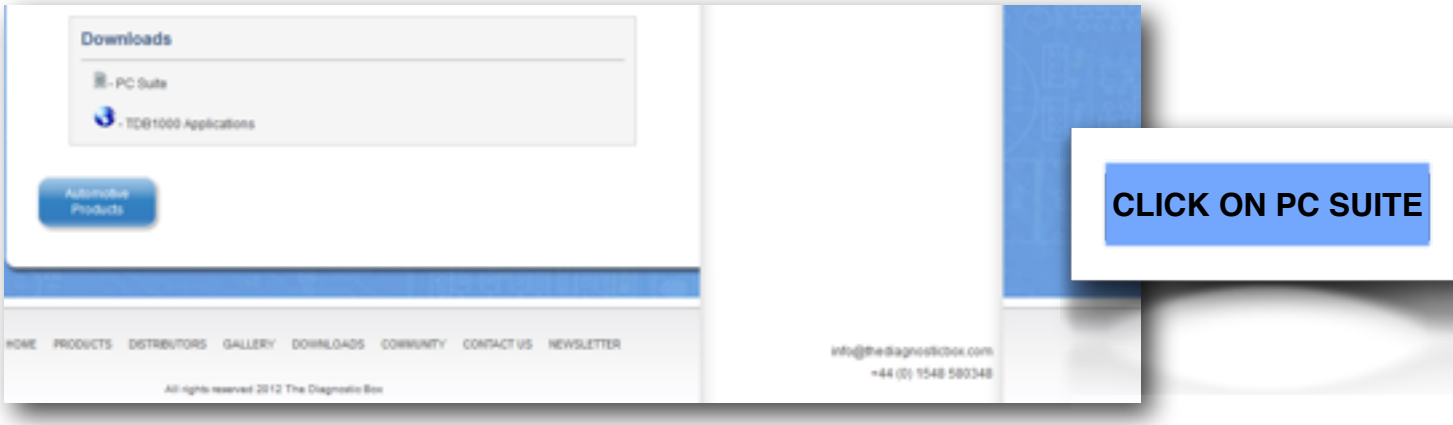


PC USB INTERFACE

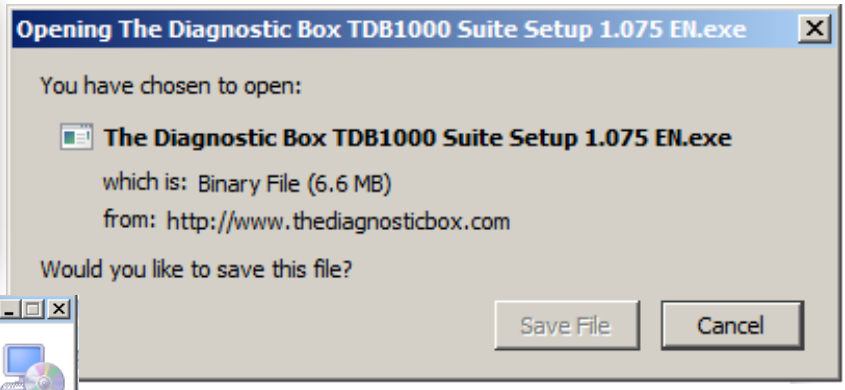
SYSTEM SD CARD

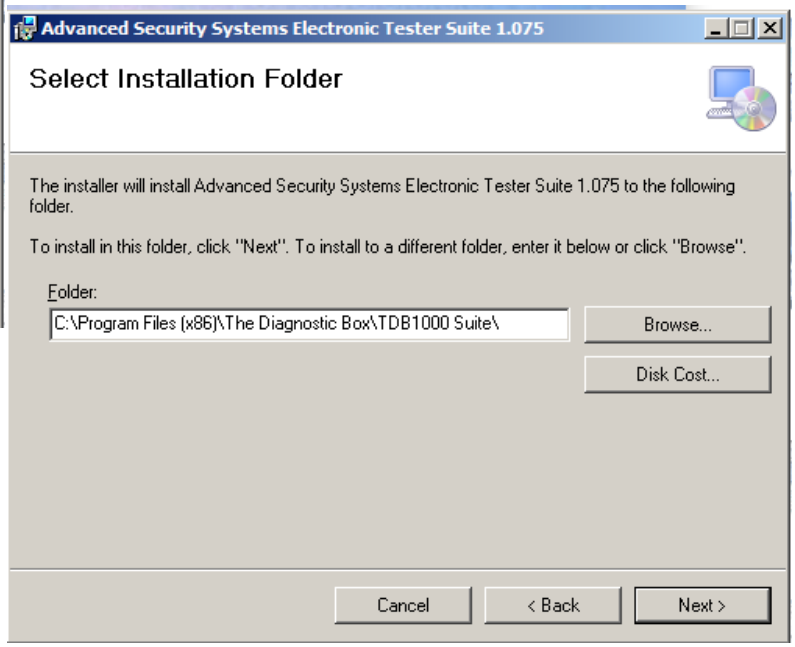
INSTALLING PC SOFTWARE

INSTALLING PC SOFTWARE



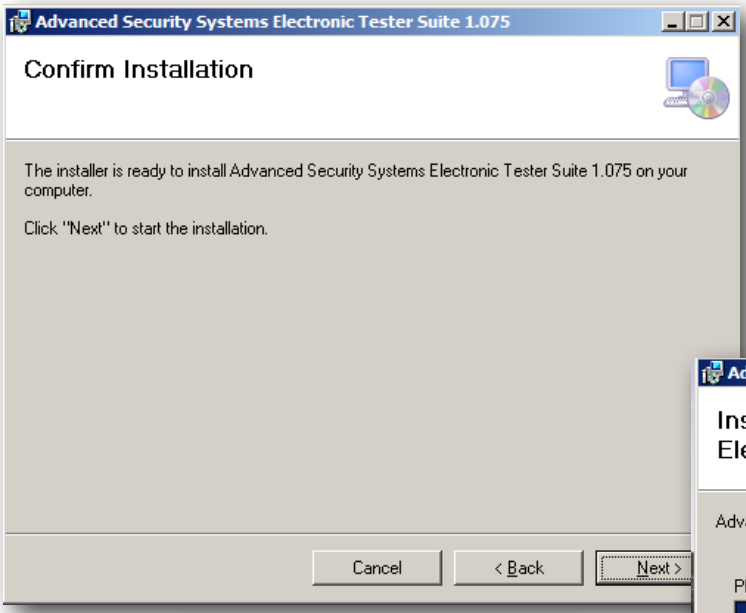
SAVE FILE TO DOWNLOAD LOCATION AND THEN RUN THE FILE



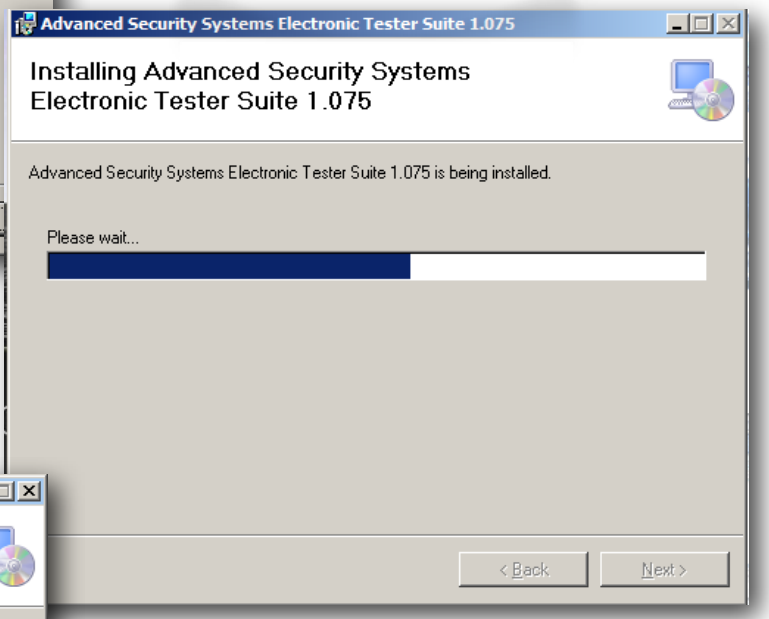


FOLLOW THE STEPS TO INSTALL THE TDB1000 PC SUITE

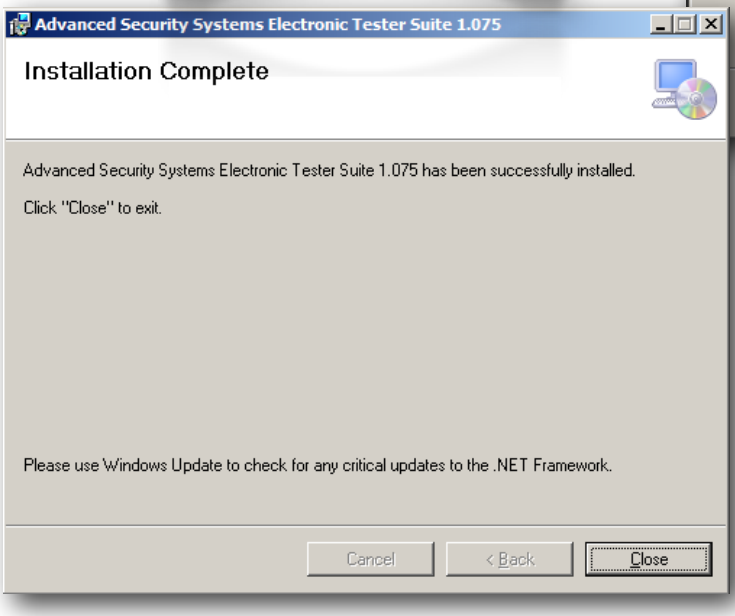
INSTALLING PC SOFTWARE



CLICK NEXT

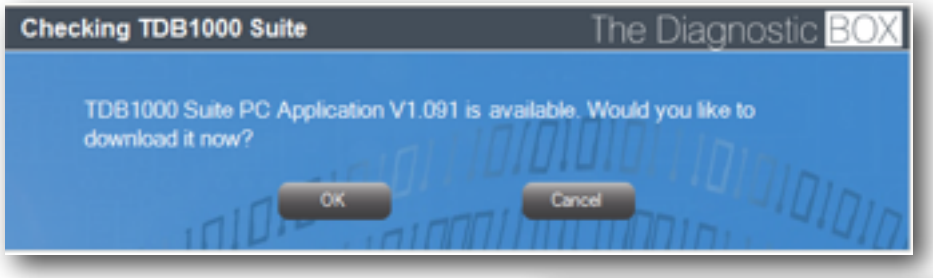


TDB1000 PC SUITE WILL NOW INSTALL

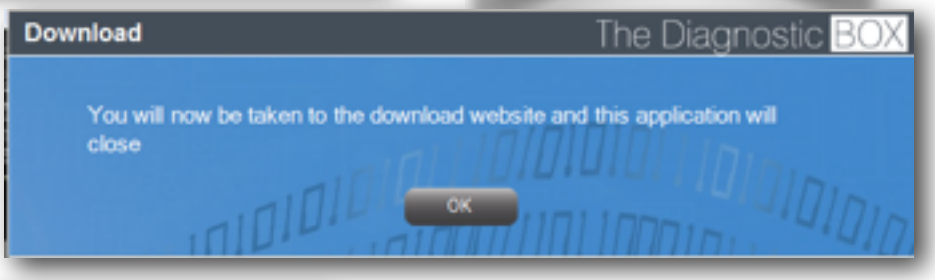


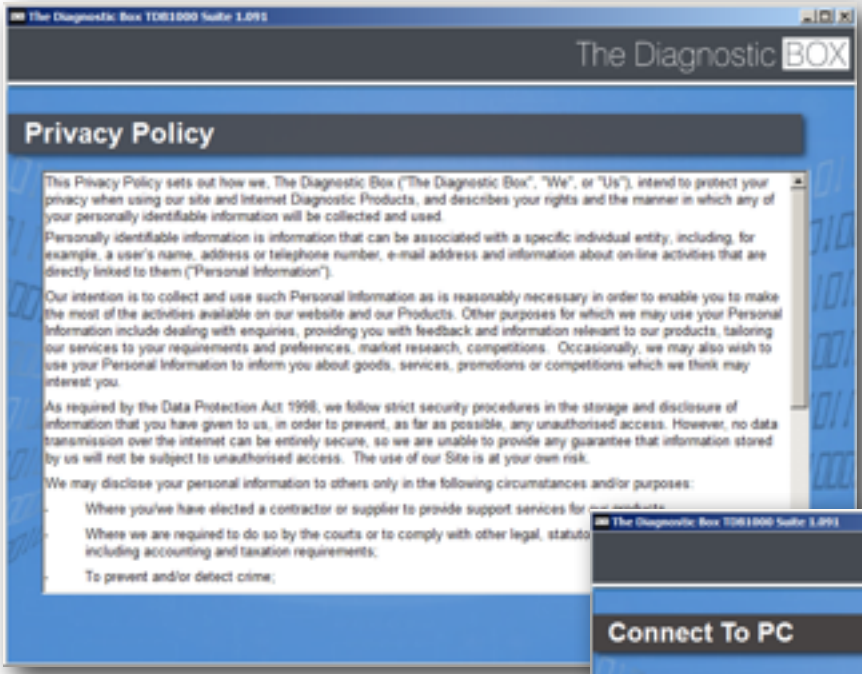
ONCE INSTALLED CLICK ON CLOSE

SOFTWARE UPDATES



RUN THE TDB1000 PC SUITE. YOU MAY BE PROMPTED TO UPDATE

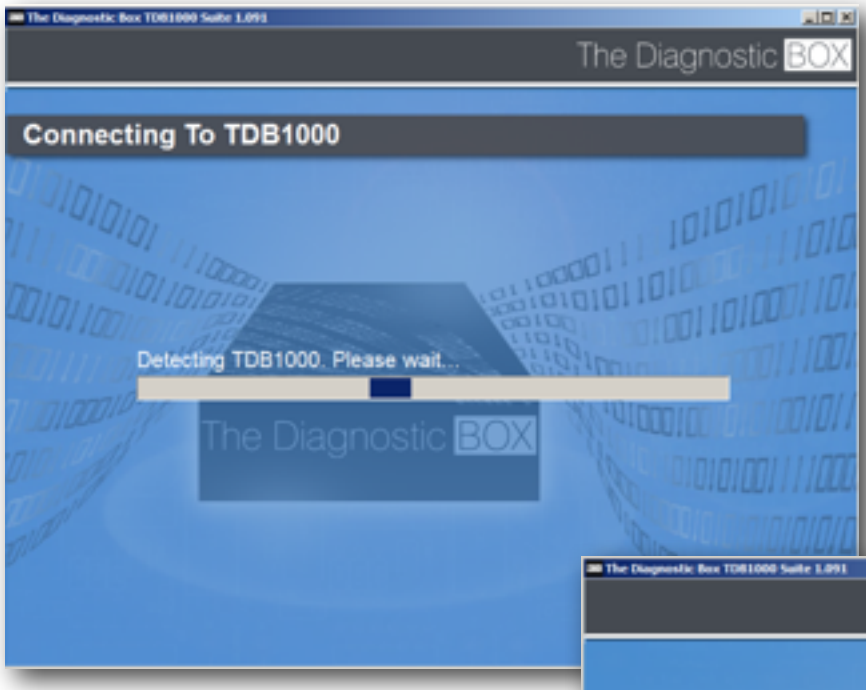




CLICK NEXT

CONNECT THE TDB1000

SOFTWARE UPDATES



THE TDB1000 SUITE WILL CONNECT TO THE TDB1000

TDB1000 NOW NEEDS REGISTERING

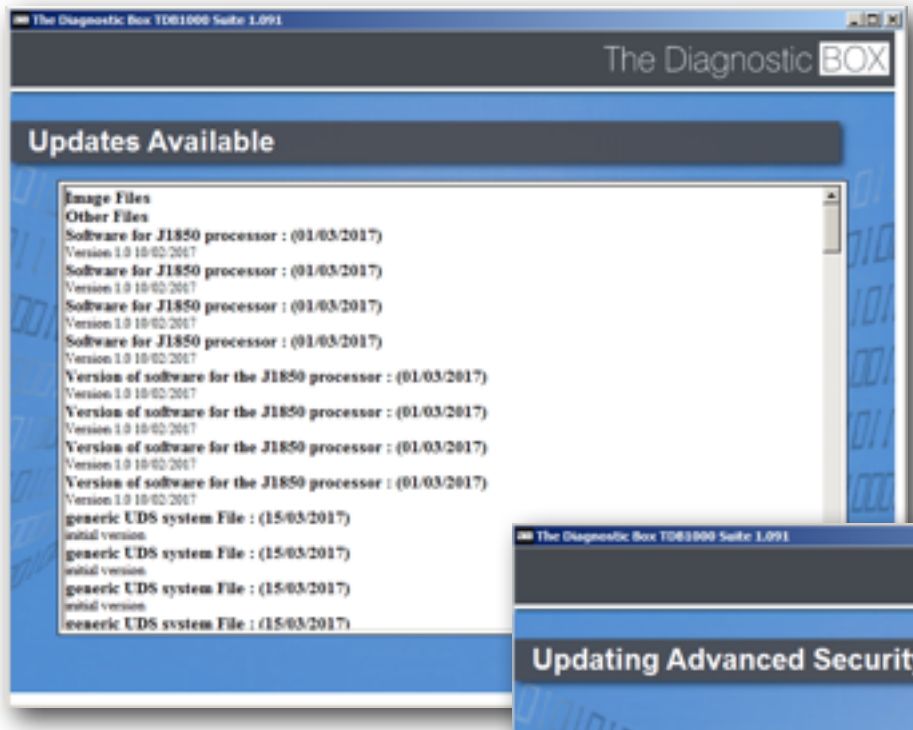
PLEASE FILL IN FULL DETAILS TO ENSURE YOU RECEIVE FULL SUPPORT.

IMPORTANT

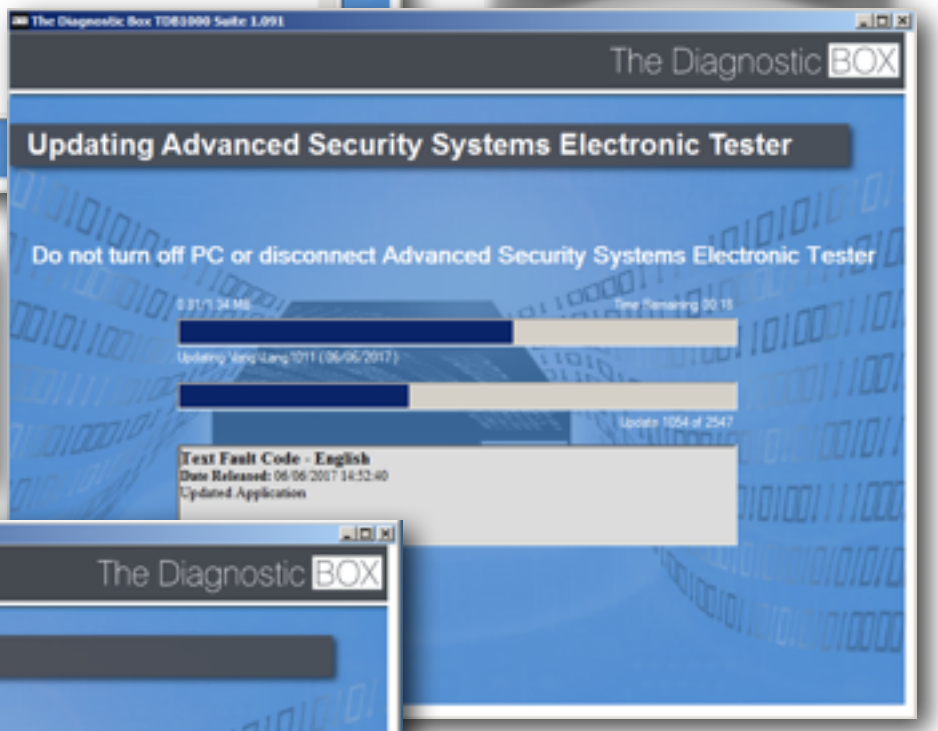
PLEASE MAKE A NOTE OF YOUR SUBSCRIPTION NUMBER !

YOU NEED IT TO REGISTER FOR WIKIKEY AND ASSET INFO.

SOFTWARE UPDATES



A LIST OF UPDATES WILL BE DISPLAYED. CLICK DOWNLOAD TO START THE UPDATE.



THE TDB1000 WILL NOW UPDATE

CLICK FINISH ONCE IT HAS BEEN UPDATED AND DISCONNECT

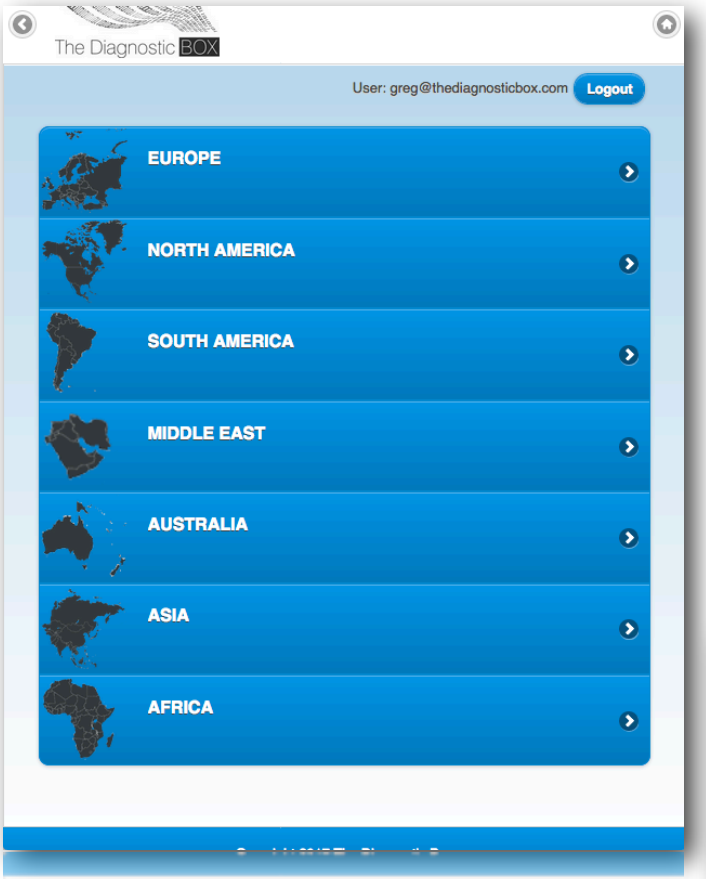
ICON INFORMATION

	SYSTEM SETTINGS SELECTION
	CLOCK SETTINGS
	OWNER INFORMATION SETTINGS
	SOUND SETTINGS
	TDB1000 HARDWARE SELF TEST FUNCTION
	APPLICATION PACKAGES FUNCTIONS
	EXIT/BACK
	PIN CODE READING
	PROGRAM KEYS

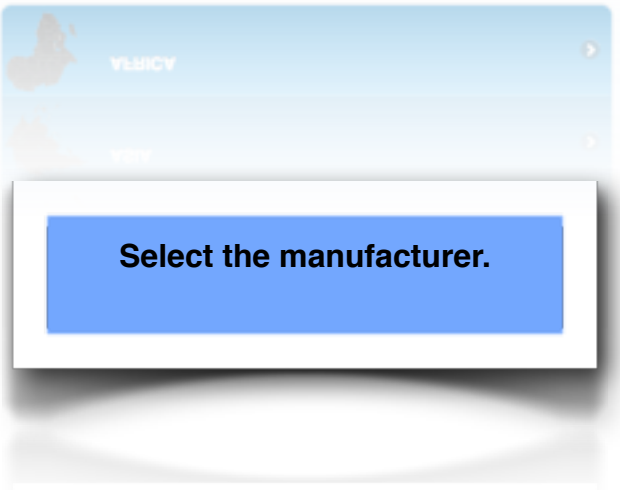
	ERASE KEYS
	READ DIAGNOSTIC TROUBLE CODES
	ERASE DIAGNOSTIC TROUBLE CODES
	MAIN VEHICLE MENU SELECTION
	LANGUAGE SELECTION
	BETA TEST SOFTWARE FOR INTERNAL USE ONLY
	DATA LOGGING
	COUNT NUMBER OF KEYS PROGRAMMED

WIKI KEY

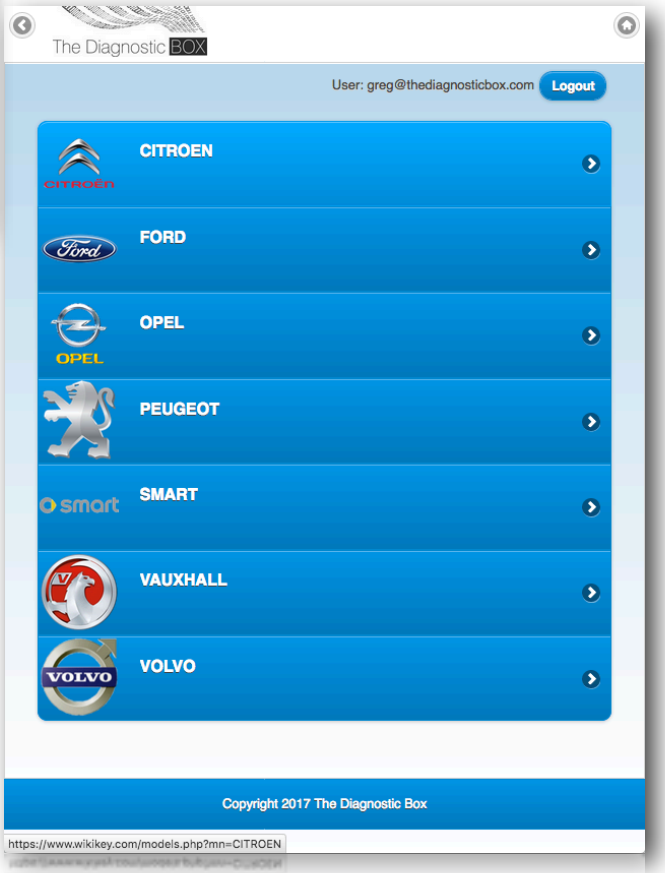
The WIKI KEY app and web site provides you with all the technical information you need for key programming, remote control programming, pin code reading and any tips and tricks. The app can be downloaded for free from the Apple or the Google Play stores.
PLEASE NOTE THE WIKI KEY APP ARE NOT AVAILABLE YET, JUST THE WEB SITE.



Select the territory for the vehicle you are working on.



Select the manufacturer.



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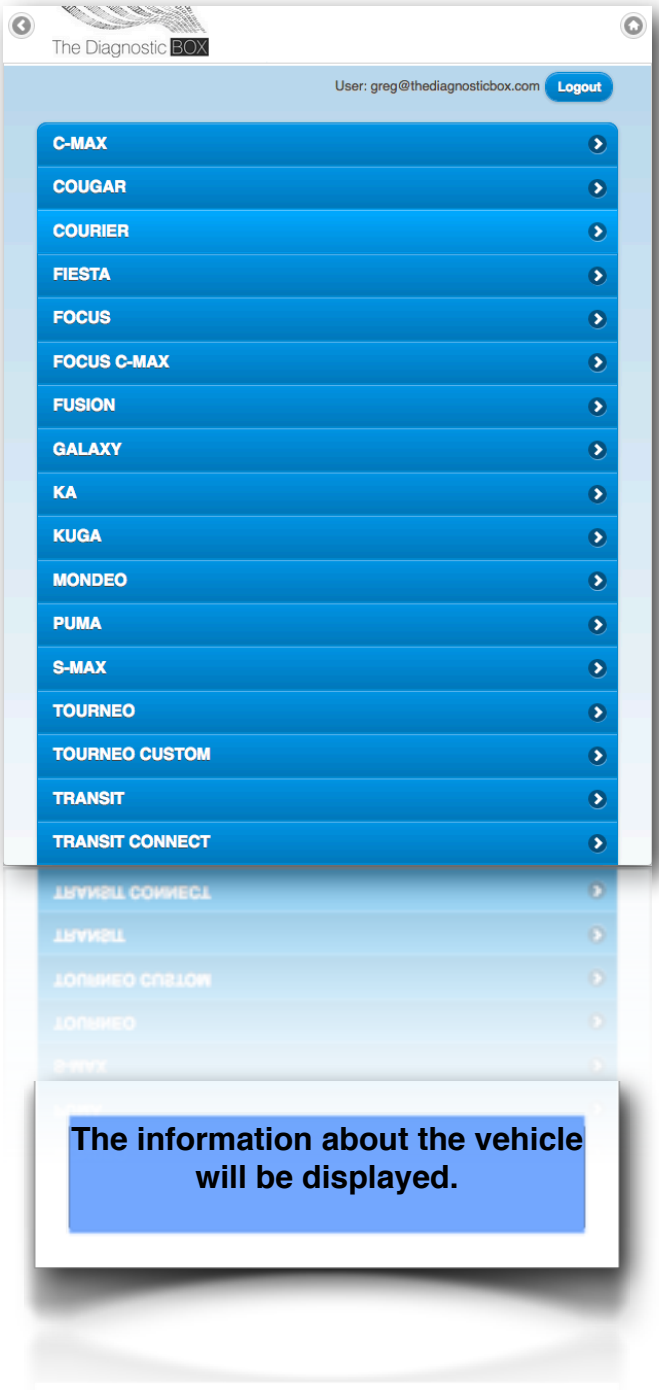
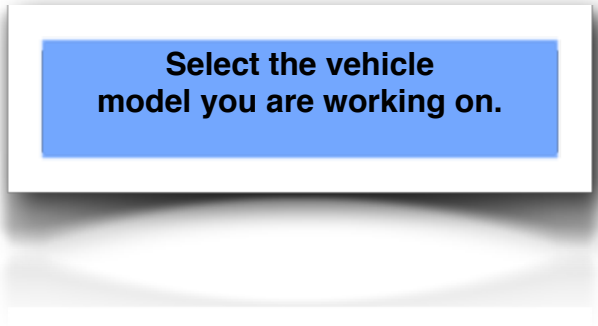
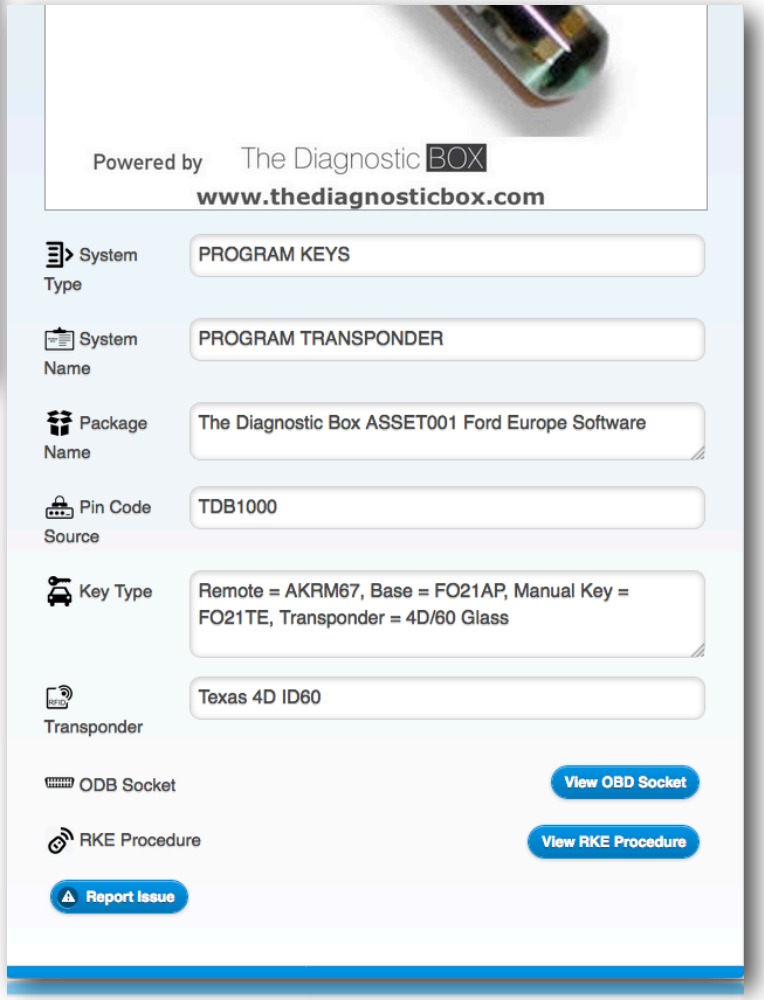
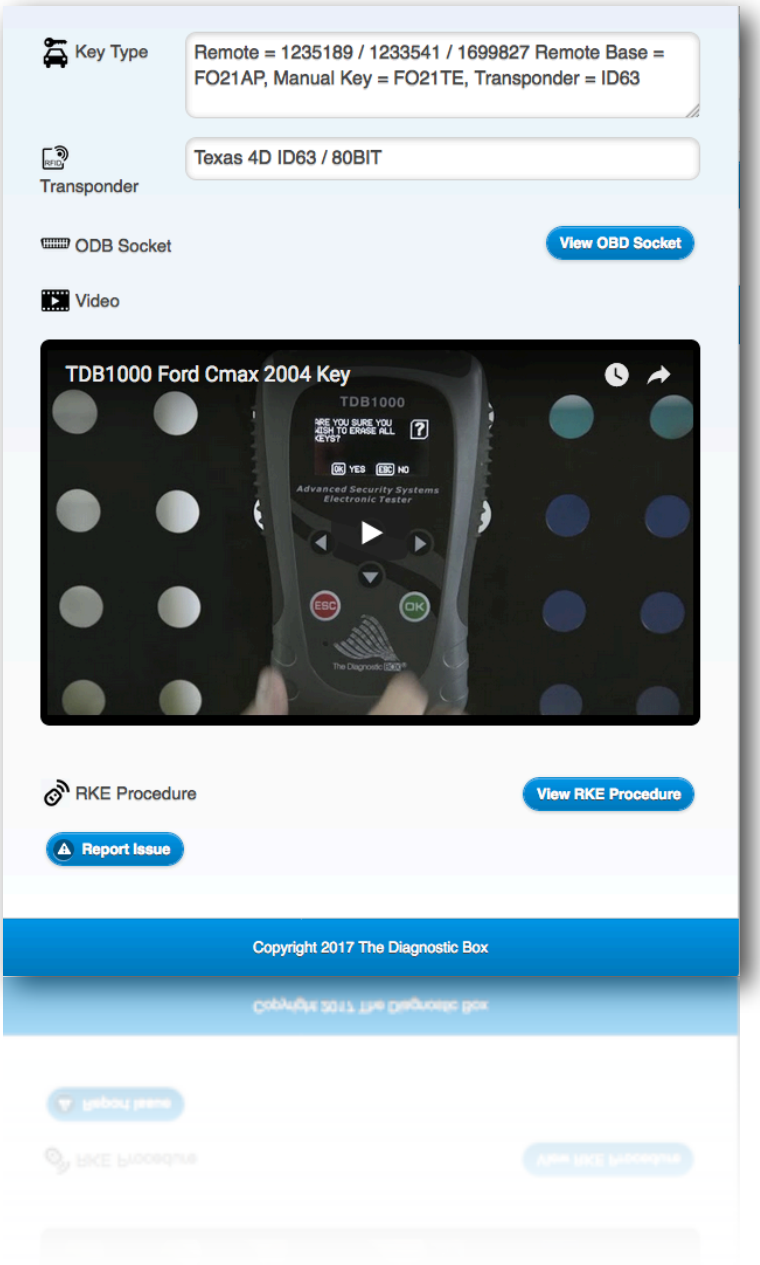






WIKI KEY



Select the vehicle model you are working on.

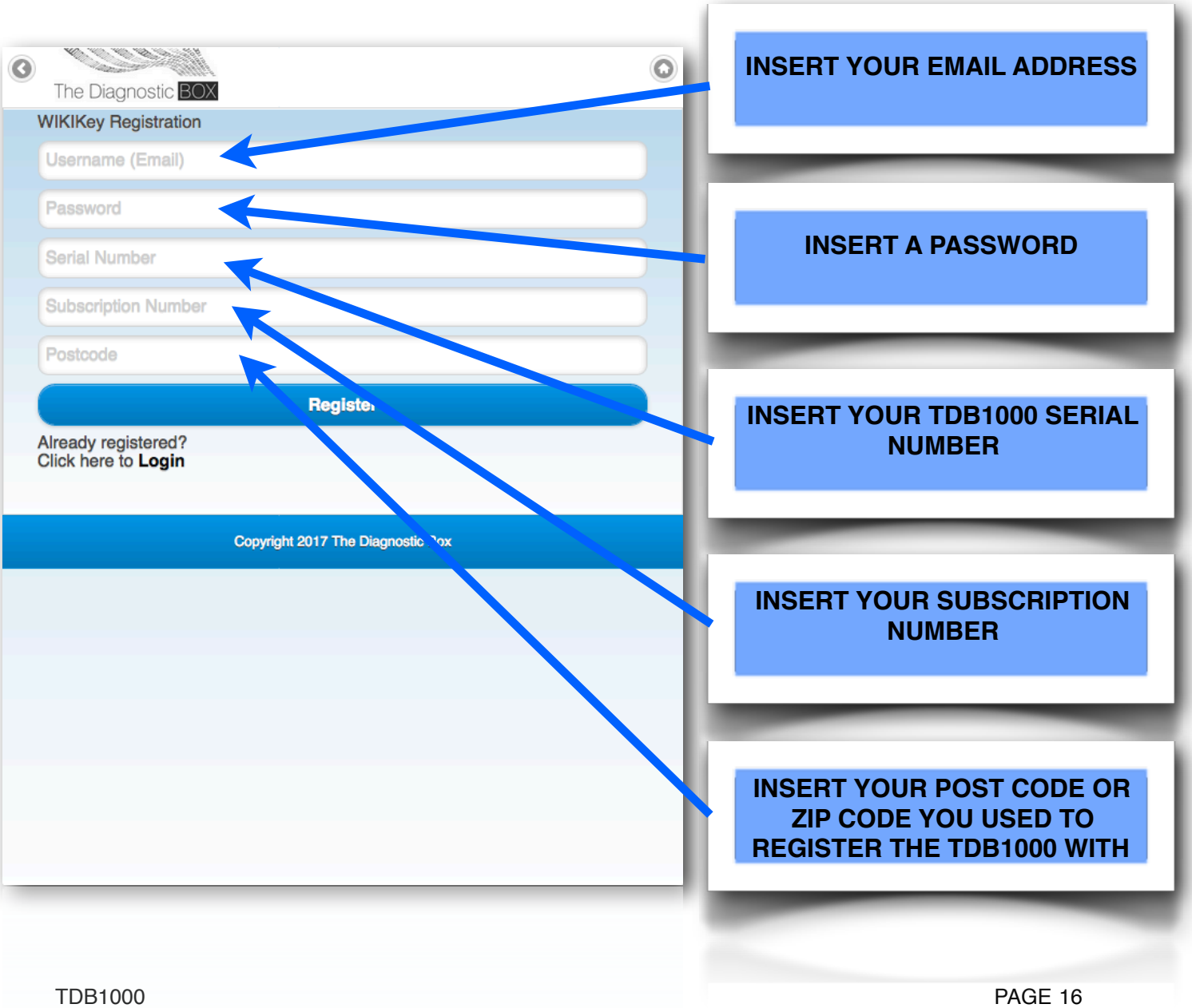
WIKI KEY

REGISTRATION

The WIKI KEY web site and app are protected, and a username and password is required to access this portal.

You will require a TDB1000 serial number, TDB1000 Subscription iD, password and email address for registration.

The TDB1000 serial number can be found on the back of the unit. The subscription iD can be found



A.S.S.E.T INFO (AI)

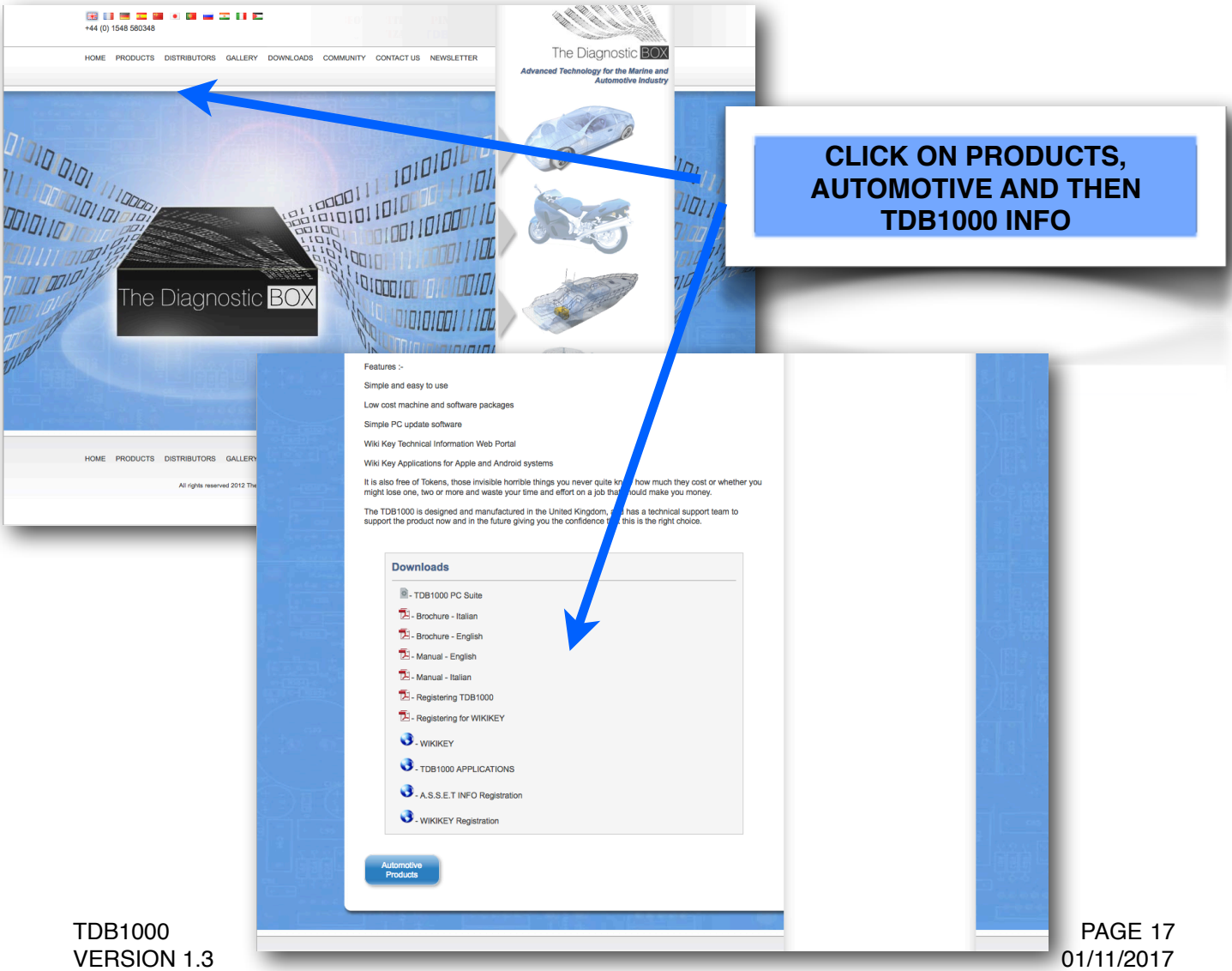
REGISTRATION

The A.S.S.E.T INFO is a technical support App for Android and Apple which allows owners of the TDB1000 to communicate with the technical support teams across the world.

This simple app allows you to message our experts, when you are at the vehicle with simple message and pictures allows. This enables us to better help and to fix vehicle issues without having to contact us via phone calls and online forms.

You will require a TDB1000 serial number, TDB1000 Subscription iD, email address, name and phone number for registration.

The TDB1000 serial number can be found on the back of the unit. The subscription iD can be found in the options setting on the TDB1000 PC SUITE once you have registered and updated your TDB1000.



A.S.S.E.T INFO (AI)

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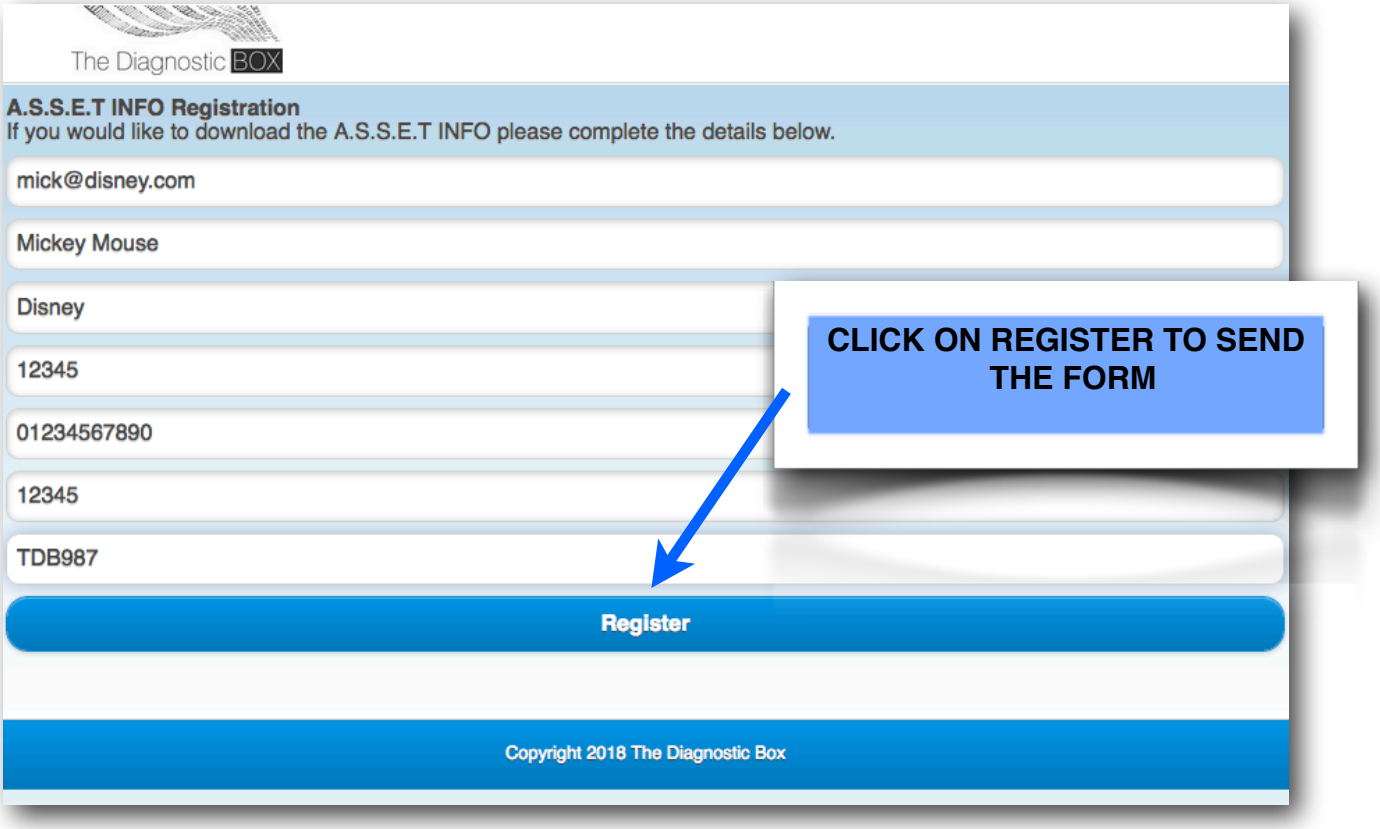
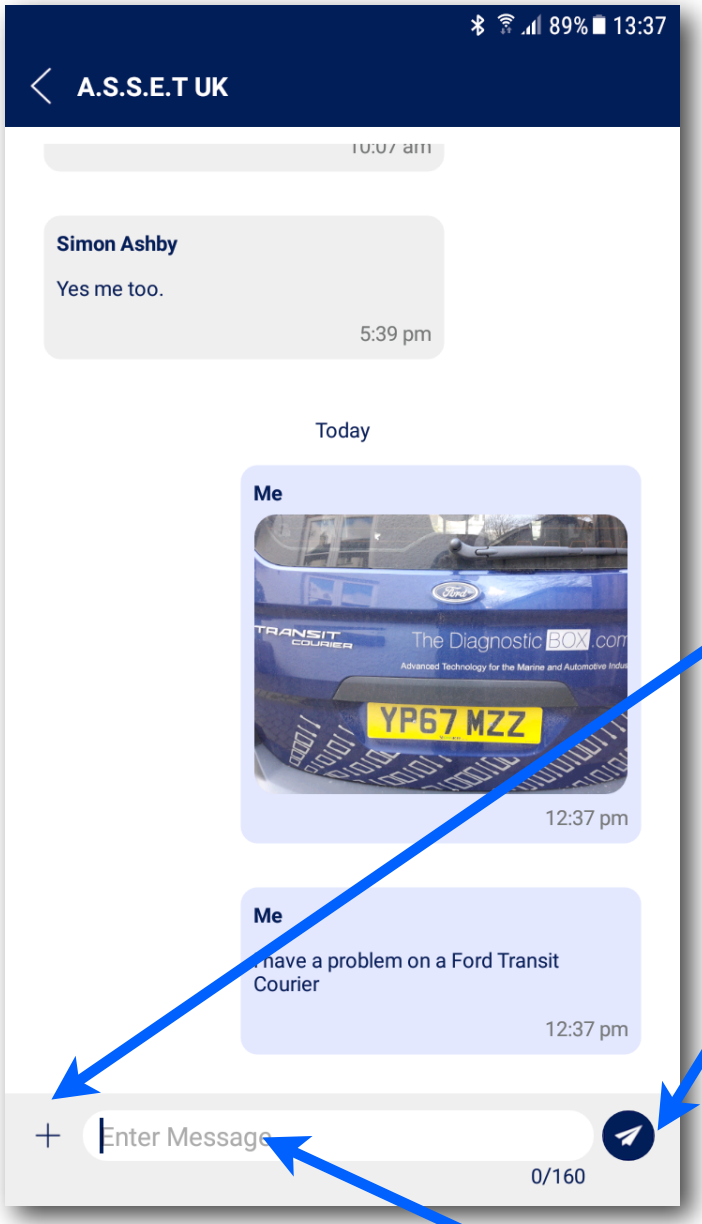


The registration process takes 3 working days to complete. You will receive an email once it has been setup, and you can then download the app from the Google Play Store and the Apple Store.

Download on the App Store

GET IT ON Google Play

A.S.S.E.T INFO (AI)



TO ADD A PICTURE CLICK ON THE +

TO SEND THE MESSAGE CLICK ON THE PAPER PLANE

TYPE YOUR MESSAGE HERE...

SPECIFICATION

PROTOCOL INFORMATION	▪ J1850 VPW / PWM ▪ ISO High & Low Speed ▪ CAN ▪ SINGLE WIRE CAN ▪ LIN ▪ FAULT TOLERANT CAN ▪ 5V ROSCO SYSTEM
WEIGHT (With case and cables)	1340 Grams
SIZE	120 mm (W) x 195 mm (H) x 35 mm (D)
CURRENT CONSUMPTION	100 mA
LCD	Backlit Blue 128x64 dots
OPERATING TEMPERATURE RANGE	32 to 122 Degrees F or 0 to 50 Degrees Celsius

PRECAUTIONS

Safety Information

The TDB1000 must only ever be connected in one of the following ways:

Via the 16 pin connector provided, plugged into a 12V vehicle.
Via the USB cable supplied, plugged into a PC.

Under no circumstances should the TDB1000 be plugged in to a PC monitor, TV or PC or any other item with a DVI connection as this may result in damage or injury.

Cleaning

Should the TDB1000 unit require cleaning, this should be done using only a damp cloth, making sure not to get moisture inside the unit. Solvent based cleaners should never be used as they may cause damage to the surface materials of the unit.

The TDB1000 contains no user serviceable parts and should not be dismantled.

USB cable

The USB cable supplied is used for data transfer from TDB1000 to PC (computer) ONLY.

CONTACT INFORMATION

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Chillington
Kingsbridge
Devon
TQ7 2LB

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Fax : +44 1548 580348

Email : info@thediagnosticbox.com

Web : www.thediagnosticbox.com

Skype : diagnosticbox

DECLARATION of CONFORMITY

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Manufacturer's Name:	The Diagnostic Box
Manufacturer's Address:	Diagnostic Box House Unit 8, Fairfield Meadow Orchard Way Chillington Kingsbridge Devon TQ7 2LB
Product Name:	Diagnostic Key Programmer
Product Model:	TDB1000
Conforms to:	Specifications EN 55022:1998, A1: 2000 + A2: 2003 EN 55024:1998, A1: 2001 + A2: 2003
Following the Provisions of	EMC Directive: 204/108/EEC TDB1000 June 2017 Product conforms to class A emission standards

Signed : Mr G Chambers

Signed on behalf of The Diagnostic Box

CE