
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

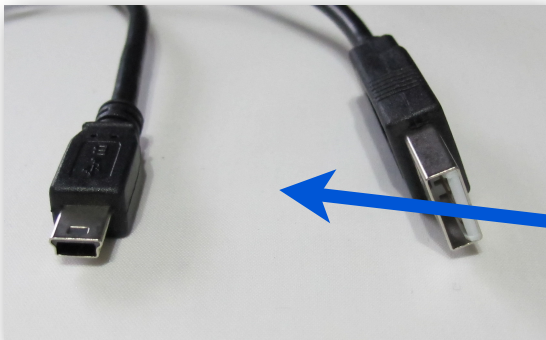
TDB1000 SERIAL NUMBER



TDB1000 VEHICLE CABLE



TDB1000 PC UPDATE CABLE



GENERAL OPERATION

INTERFACE/VEHICLE
CONNECTION



TOP PANEL ACCESS
COVER



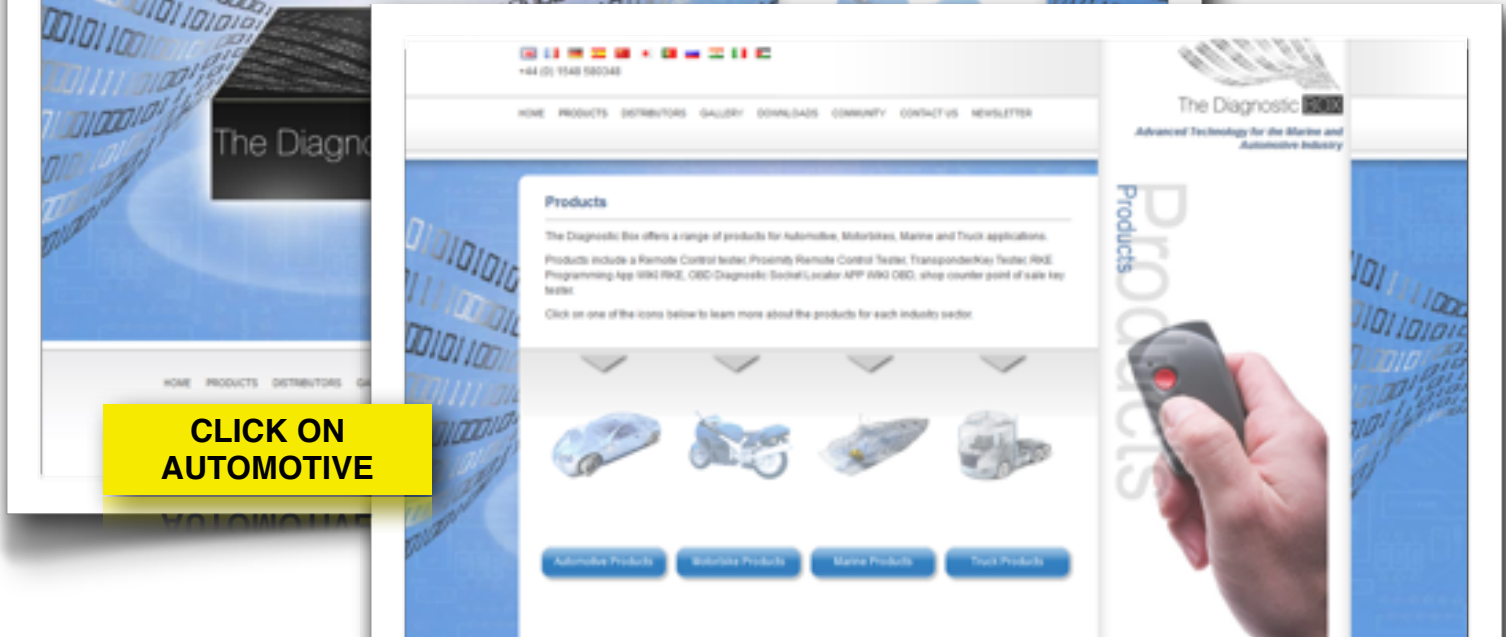
PC USB INTERFACE

SYSTEM SD CARD

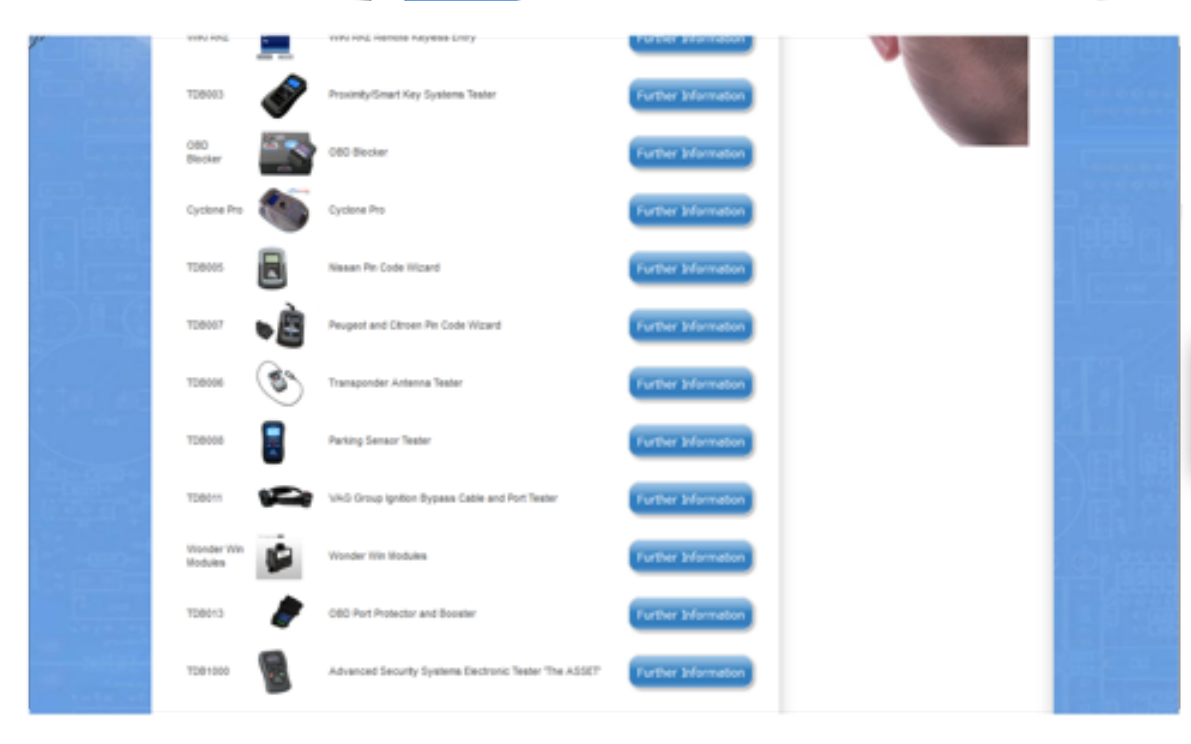
INSTALLING PC SOFTWARE



CLICK ON PRODUCTS



CLICK ON AUTOMOTIVE



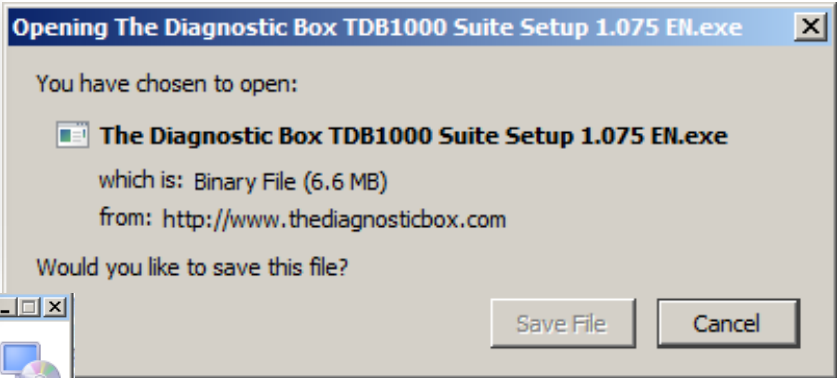
CLICK ON TDB1000 FURTHER INFORMATION

INSTALLING PC SOFTWARE

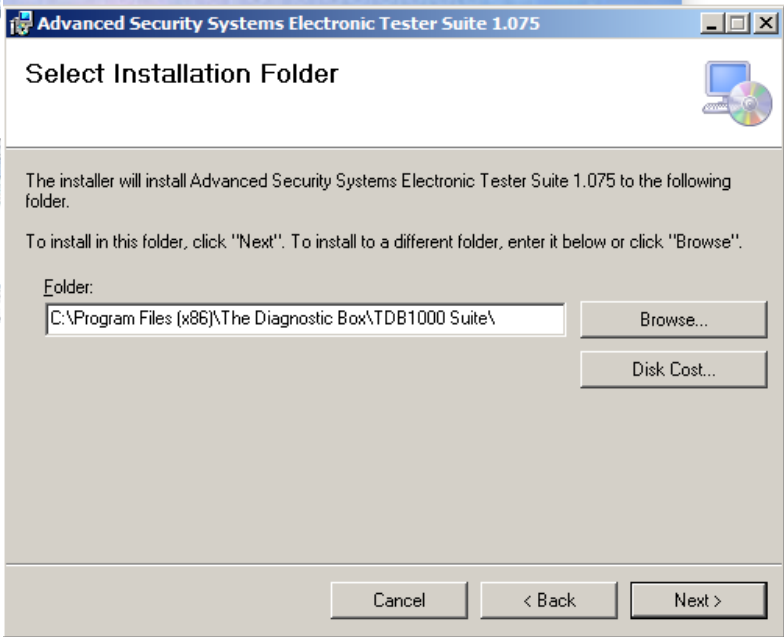


CLICK ON PC SUITE

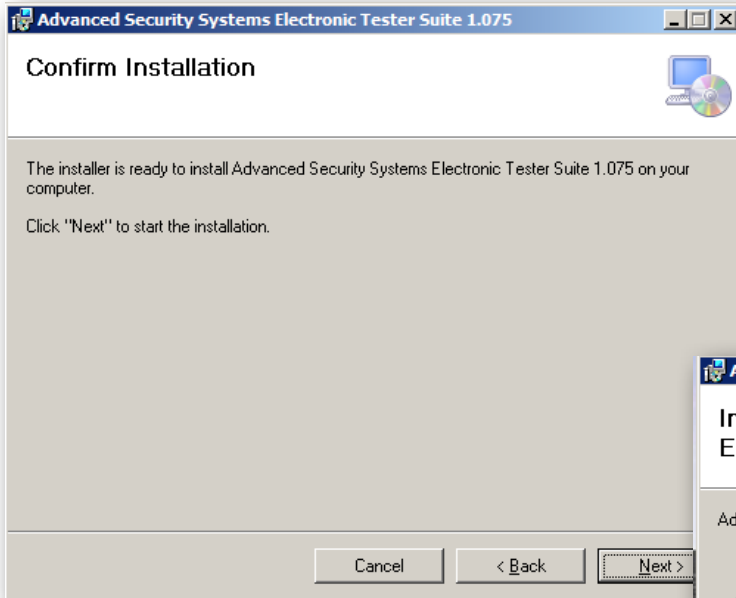
SAVE FILE TO DOWNLOAD LOCATION AND THEN RUN THE FILE



FOLLOW THE STEPS TO INSTALL THE TDB1000 PC SUITE

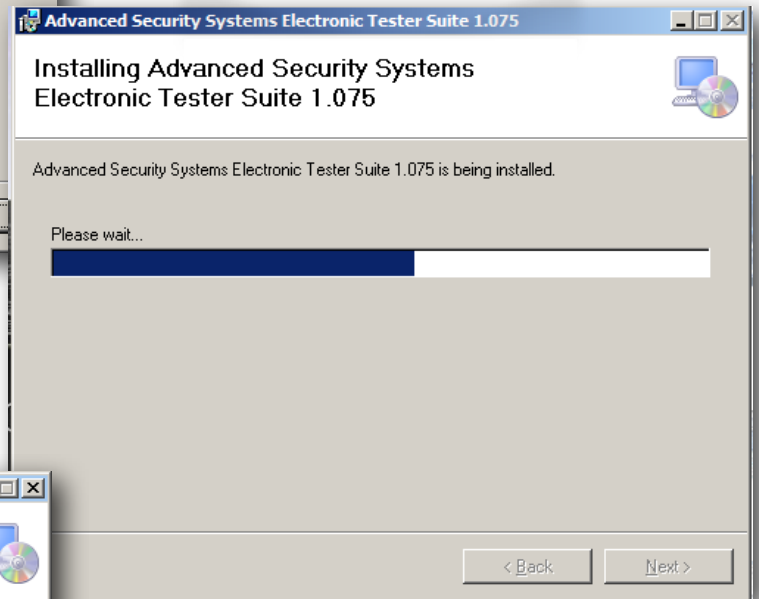


INSTALLING PC SOFTWARE

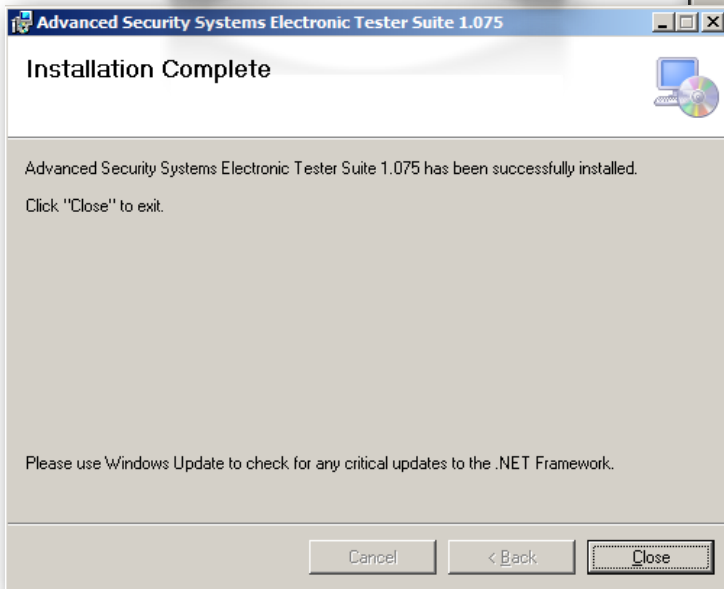


CLICK NEXT

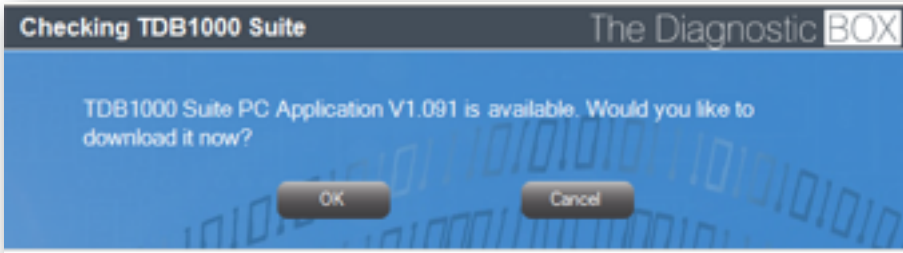
**TDB1000 PC SUITE
WILL NOW INSTALL**



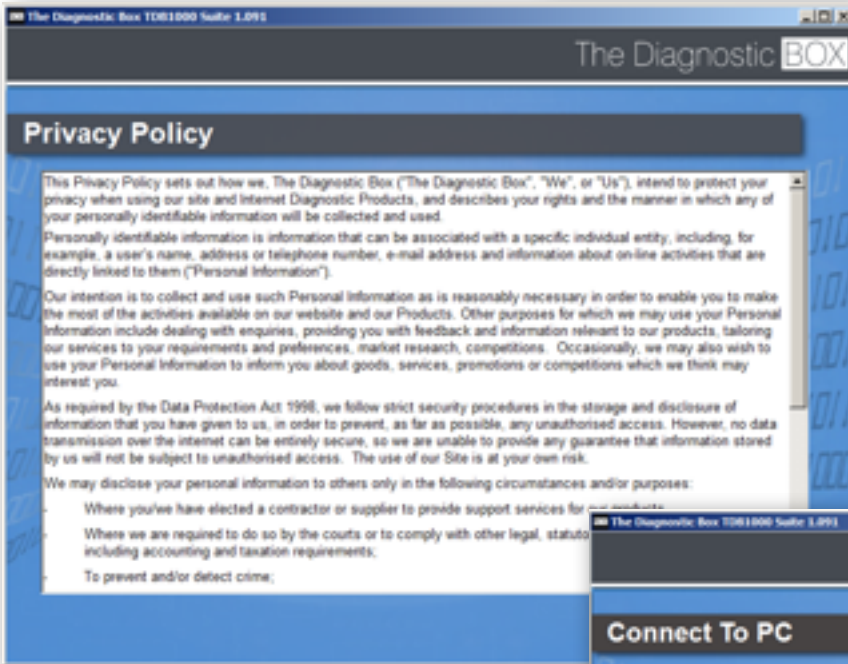
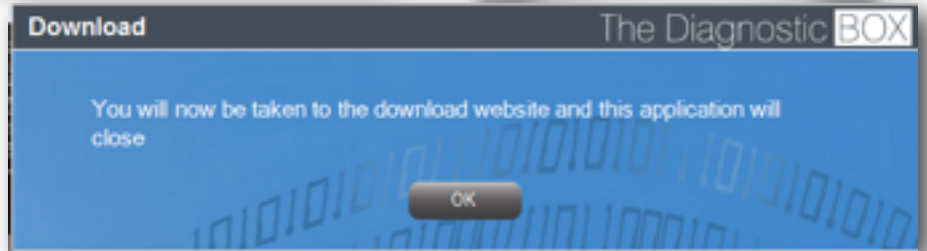
**ONCE INSTALLED
CLICK ON CLOSE**



SOFTWARE UPDATES



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

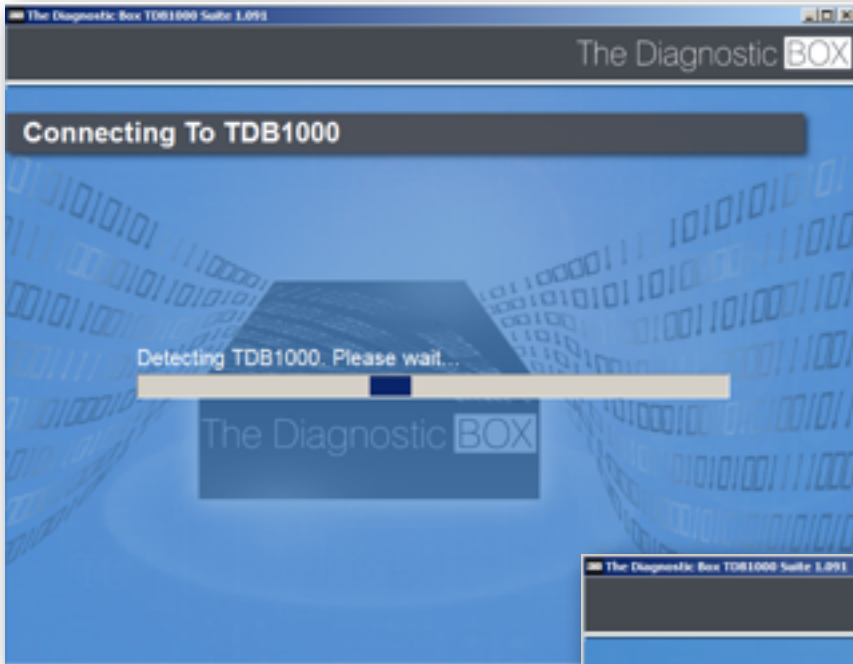


CLICK NEXT

CONNECT THE TDB1000



SOFTWARE UPDATES



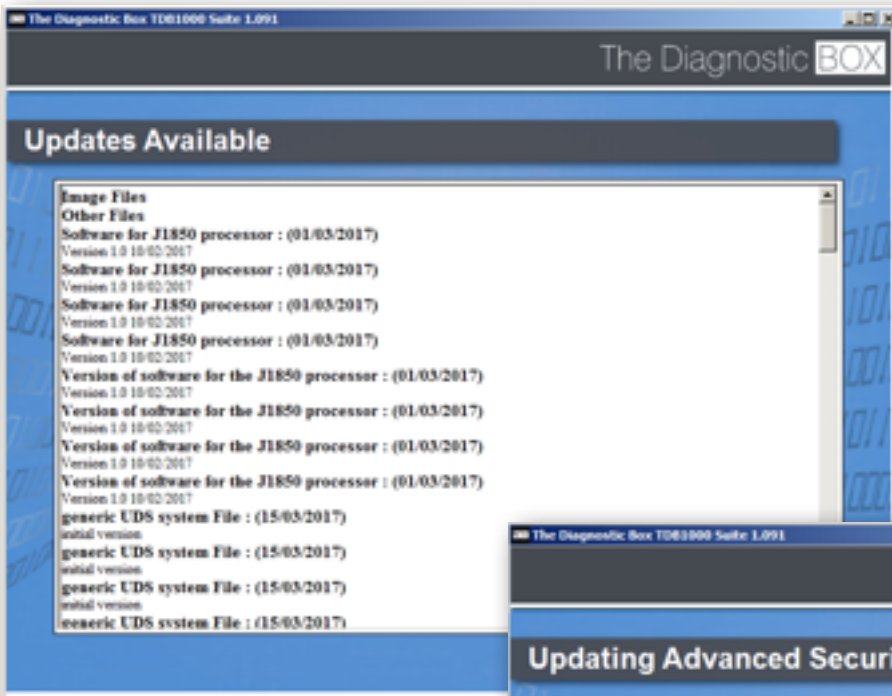
**THE TDB1000 SUITE
WILL CONNECT TO
THE TDB1000**

**TDB1000 NOW NEEDS REGISTERING
PLEASE FILL IN FULL DETAILS TO
ENSURE YOU RECEIVE FULL
SUPPORT.**



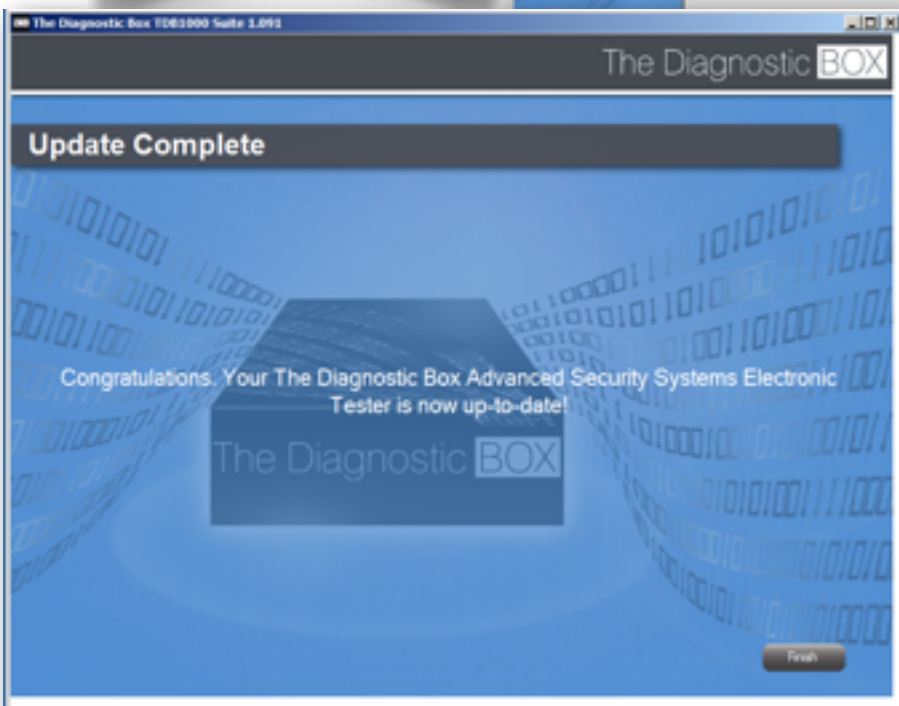
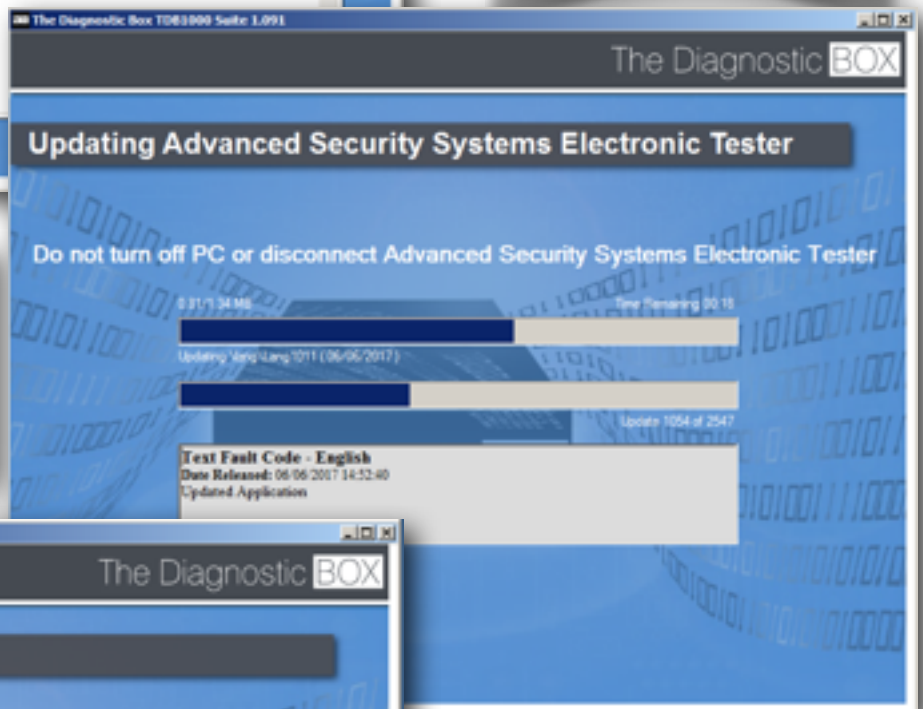
**IMPORTANT
PLEASE MAKE A NOTE OF YOUR
SUBSCRIPTION NUMBER !
YOU NEED IT TO REGISTER FOR
WIKIKEY AND ASSET INFO.**

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**

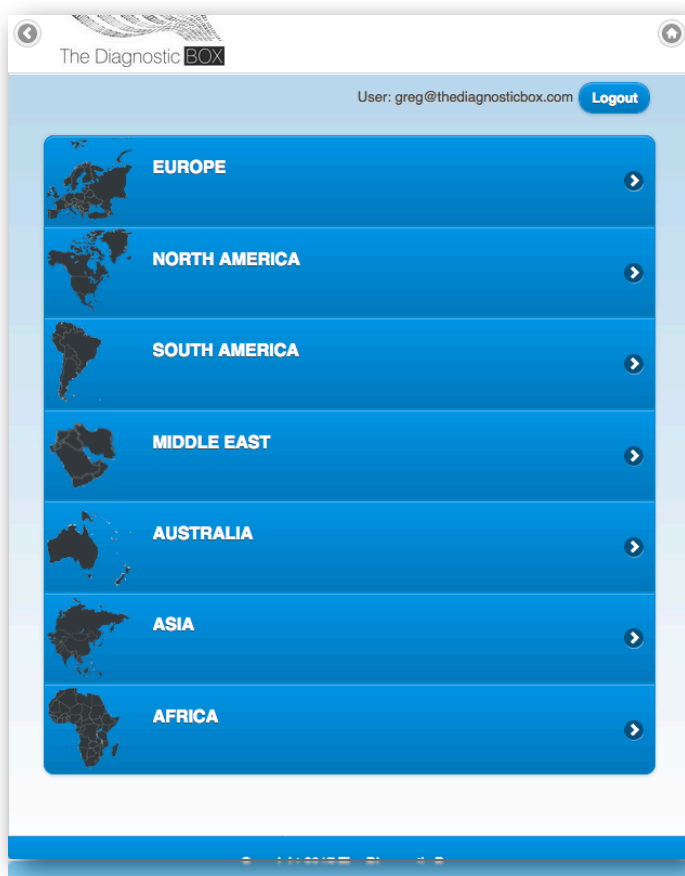
ICON INFORMATION

	SYSTEM SETTINGS SELECTION		ERASE KEYS
	CLOCK SETTINGS		READ DIAGNOSTIC TROUBLE CODES
	OWNER INFORMATION SETTINGS		ERASE DIAGNOSTIC TROUBLE CODES
	SOUND SETTINGS		MAIN VEHICLE MENU SELECTION
	TDB1000 HARDWARE SELF TEST FUNCTION		LANGUAGE SELECTION
	APPLICATION PACKAGES FUNCTIONS		BETA TEST SOFTWARE FOR INTERNAL USE ONLY
	EXIT/BACK		DATA LOGGING
	PIN CODE READING		COUNT NUMBER OF KEYS PROGRAMMED
	PROGRAM KEYS		

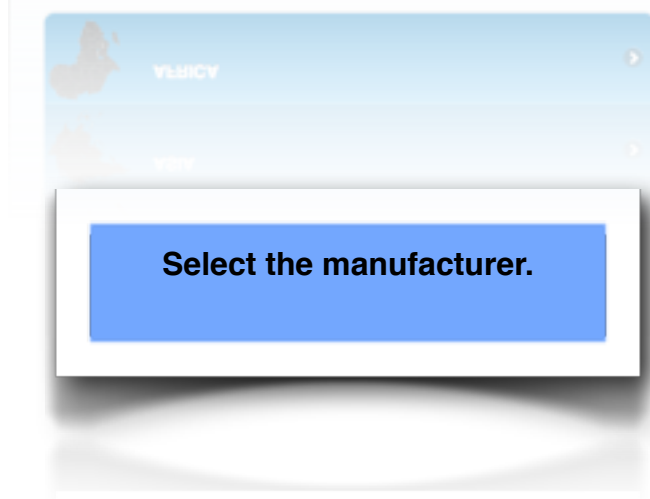
WIKI KEY

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.

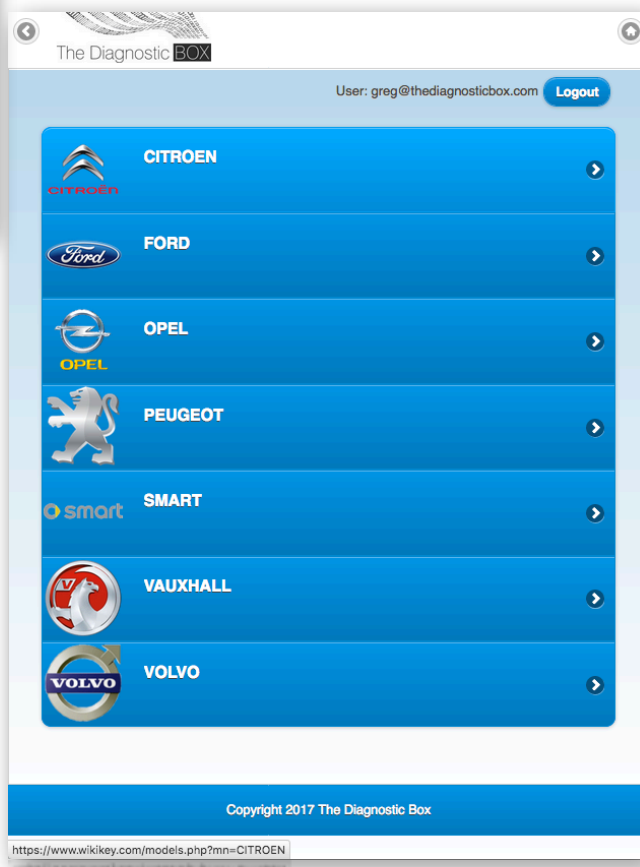
PLEASE NOTE THE WIKI KEY APP ARE NOT AVAILABLE YET, JUST THE WEB SITE.



Select the territory for the vehicle you are working on.



Select the manufacturer.



WIKI KEY

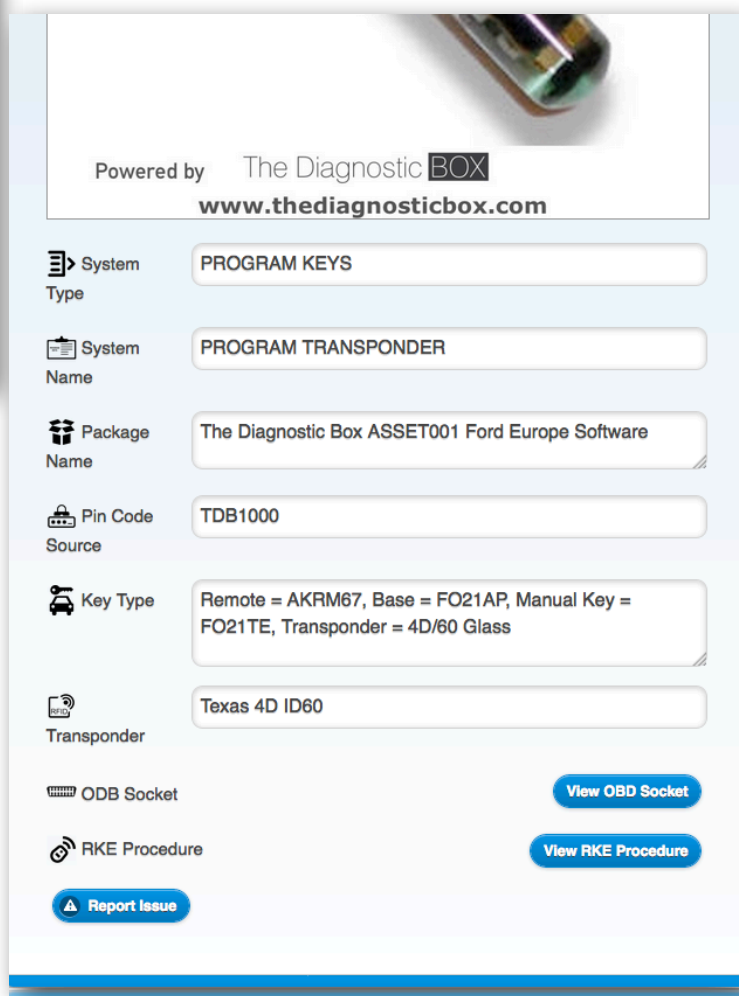
The WIKI KEY app and web site provides you with all the technical information you need for key programming, remote control programming, pin code reading and any tips and tricks. The app can be downloaded for free from the Apple or the Google Play stores.

PLEASE NOTE THE WIKI KEY APP ARE NOT AVAILABLE YET, JUST THE WEB SITE.



The information about the vehicle will be displayed.

Select the vehicle model you are working on.



WIKI KEY


Key Type Remote = 1235189 / 1233541 / 1699827 Remote Base = FO21AP, Manual Key = FO21TE, Transponder = ID63

Transponder Texas 4D ID63 / 80BIT

ODB Socket [View OBD Socket](#)

Video

TDB1000 Ford Cmax 2004 Key



RKE Procedure [View RKE Procedure](#)

[Report Issue](#)

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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

The image shows a mobile application registration form titled "WIKIKey Registration" from "The Diagnostic BOX". The form contains the following fields and a callout box for each:

- Username (Email)**: Callout box: "INSERT YOUR EMAIL ADDRESS"
- Password**: Callout box: "INSERT A PASSWORD"
- Serial Number**: Callout box: "INSERT YOUR TDB1000 SERIAL NUMBER"
- Subscription Number**: Callout box: "INSERT YOUR SUBSCRIPTION NUMBER"
- Postcode**: Callout box: "INSERT YOUR POST CODE OR ZIP CODE YOU USED TO REGISTER THE TDB1000 WITH"

Below the fields is a blue "Register" button. At the bottom left, it says "Already registered? Click here to **Login**". The footer of the app shows "Copyright 2017 The Diagnostic Box".

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.

The image shows a screenshot of the 'The Diagnostic BOX' website. At the top, there is a navigation menu with links for HOME, PRODUCTS, DISTRIBUTORS, GALLERY, DOWNLOADS, COMMUNITY, CONTACT US, and NEWSLETTER. A blue arrow points from a text box on the right to the 'PRODUCTS' link in the menu. Below the menu, there is a large banner with the text 'The Diagnostic BOX' and images of a car, a motorcycle, and a boat. Another blue arrow points from the 'Automotive Products' button at the bottom of the page to the 'A.S.S.E.T INFO Registration' link in the 'Downloads' section. The 'Downloads' section lists various files for download, including 'TDB1000 PC Suite', 'Brochure - Italian', 'Brochure - English', 'Manual - English', 'Manual - Italian', 'Registering TDB1000', 'Registering for WIKIKEY', 'WIKIKEY', 'TDB1000 APPLICATIONS', 'A.S.S.E.T INFO Registration', and 'WIKIKEY Registration'. A blue button labeled 'Automotive Products' is located at the bottom left of the page.

CLICK ON PRODUCTS, AUTOMOTIVE AND THEN TDB1000 INFO

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

The image shows a sequence of steps for downloading and registering the A.S.S.E.T INFO software. The first step is a 'Downloads' page with a list of files. A blue arrow points to the 'A.S.S.E.T INFO Registration' file. The second step is a registration form titled 'A.S.S.E.T INFO Registration' with fields for Email, Name, Company Name, Postcode, Mobile, Serial Number, and Subscription Number. Blue arrows point from callout boxes to each of these fields. A 'Register' button is at the bottom of the form. The callout boxes are: 'CLICK ON A.S.S.E.T INFO REGISTRATION', 'INSERT EMAIL', 'INSERT NAME', 'INSERT COMPANY NAME', 'INSERT POST CODE', 'INSERT MOBILE NUMBER', 'INSERT TDB1000 SERIAL NUMBER', and 'INSERT TDB1000 SUBSCRIPTION NUMBER'. The form also includes a copyright notice for 'The Diagnostic Box' from 2018.

Downloads

- TDB1000 PC Suite
- Brochure - Italian
- Brochure - English
- Manual - English
- Manual - Italian
- Registering TDB1000
- Registering for WIKIKEY
- WIKIKEY
- TDB1000 APPLICATIONS
- A.S.S.E.T INFO Registration
- WIKIKEY Registration

A.S.S.E.T INFO Registration
If you would like to download the A.S.S.E.T INFO please complete the details below

Email

Name

Company Name

Postcode

Mobile

Serial Number

Subscription Number

Register

Copyright © 2018 The Diagnostic Box

CLICK ON A.S.S.E.T INFO REGISTRATION

INSERT EMAIL

INSERT NAME

INSERT COMPANY NAME

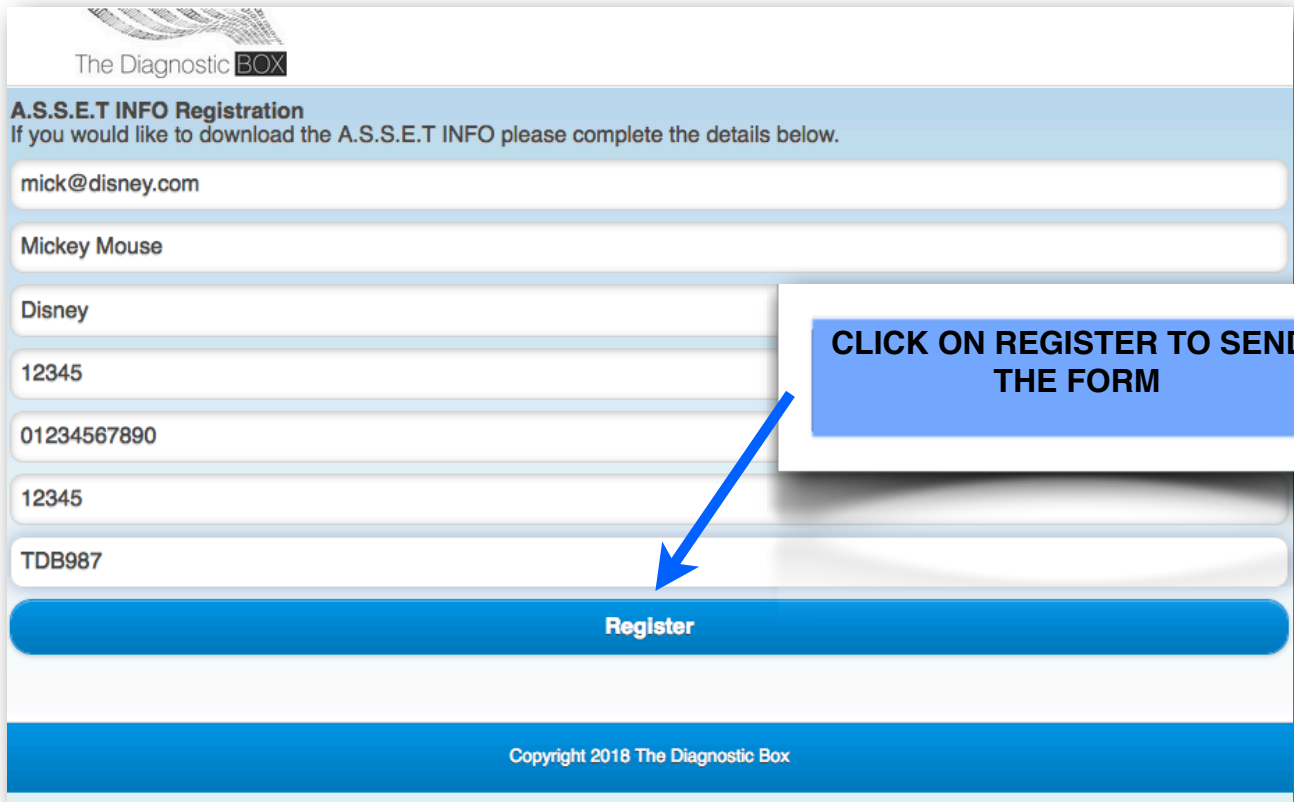
INSERT POST CODE

INSERT MOBILE NUMBER

INSERT TDB1000 SERIAL NUMBER

INSERT TDB1000 SUBSCRIPTION NUMBER

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



The Diagnostic **BOX**

A.S.S.E.T INFO Registration
If you would like to download the A.S.S.E.T INFO please complete the details below.

mick@disney.com

Mickey Mouse

Disney

12345

01234567890

12345

TDB987

Register

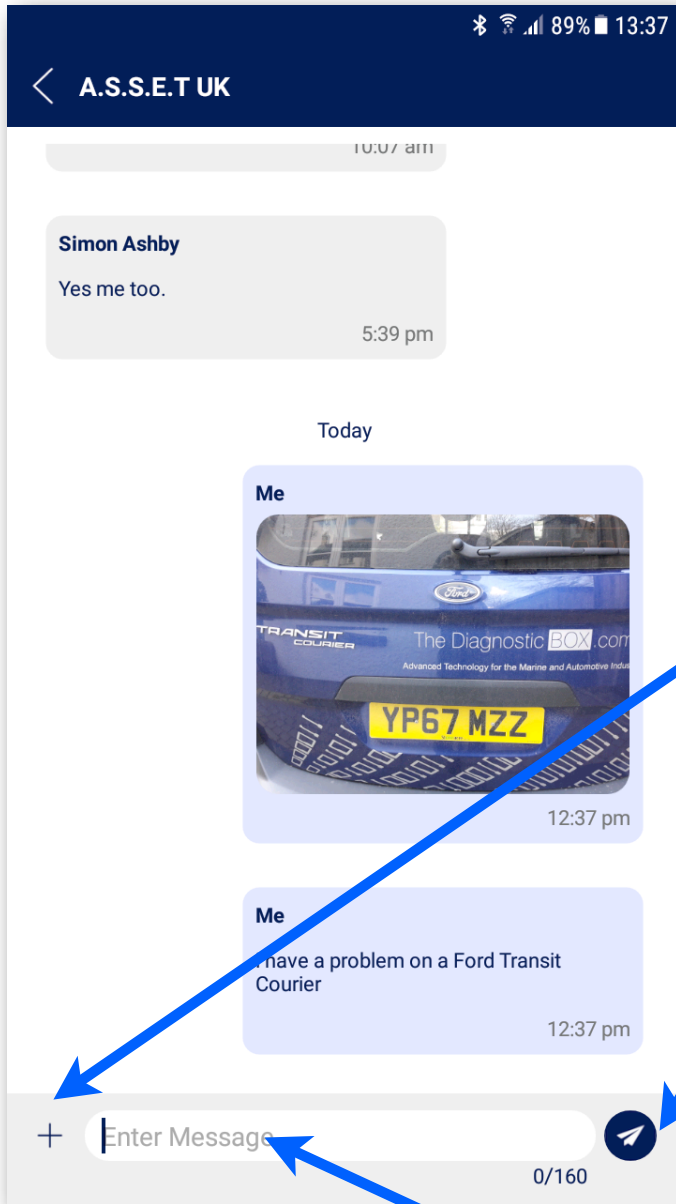
Copyright 2018 The Diagnostic Box

CLICK ON REGISTER TO SEND THE FORM

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.



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	<ul style="list-style-type: none">▪ 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

The Diagnostic Box
Diagnostic Box House
Unit 8, Fairfield Meadow
Orchard Way
Chillington
Kingsbridge
Devon
TQ7 2LB

Tel : +44 1548 580348
Fax : +44 1548 580348

Email : info@thediagnosticbox.com

Web : www.thediagnosticbox.com

Skype : diagnosticbox

DECLARATION of CONFORMITY

DECLARATION OF CONFORMITY

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

