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TDB750 VOLVO SECURITY DONGLE  
OPERATING MANUAL



The Diagnostic **BOX**.com

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# INTRODUCTION

## T TDB750 VOLVO SECURITY DONGLE

The TDB750 Volvo Security Dongle has been designed to make programming Volvo cars easy and simple.

Volvo vehicle key programming takes between 30 minutes and 6 hours depending on the system and model of the vehicle.

This is not a problem if the vehicle is in a workshop, but if the vehicle is lost keys and with a customer then waiting around for the key programming to complete is wasteful and means your key programming equipment is tied up while you wait.

The TDB750 Volvo Security Dongle overcomes this by gaining the required security without having your equipment connected to the vehicle.

The TDB750 can be connected and left on the vehicle while you continue to program other vehicles with your TDB1000 Key Programming System, and you can even lock the vehicle and leave the dongle running and come back at a convenient time.

In some instances your customer can call you when the dongle has finished, as there is a bright clear GREEN LED light to show the device has finished.

All that is needed, is to connect the TDB1000 to the TDB750 Volvo Security Dongle and continue to program keys as you would normally.

The TDB750 even remembers the codes, so if the device is unplugged from that vehicle, as long as you do not connect it to another vehicle it remembers the information, so you can pop back later if needed to program the keys without the security wait.

The TDB750 Volvo Security Dongle, making Key Programming Simple....The Diagnostic Box Team.

### FEATURES :

- OBD connection for interface to TDB1000 ASSET Key Programming System
- Clear RED and GREEN LED Indicators on both sides for easy viewing
- Memory feature to remember the last vehicle security information
- Enables device to be left connected to vehicle
- No need to leave TDB1000 ASSET Key Programming System connected
- Fully CE approved

## GENERAL OPERATION

### **RED 'LED' - SOLID**

DISPLAYS RED IF THERE IS A PROBLEM ON THE VEHICLE OR OBD PORT. CHECK CONNECTIONS AND MAKE SURE VEHICLE BATTERY AND VOLTAGE AT OBD PORT IS AT LEAST 12.5 VOLTS. DISCONNECT, PRESS START BUTTON, WAIT FOR 10 SECONDS AND THEN RE-CONNECT.

### **GREEN 'LED' - SOLID**

THE TDB750 HAS FOUND THE SECURITY CODES, AND IS READY FOR CONNECTION OF TDB1000 TO PROGRAM KEYS.

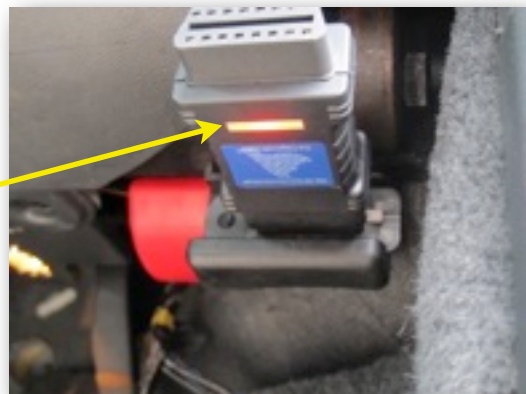
### **RED AND GREEN 'LED' - FLASHING**

THE TDB750 IS GAINING SECURITY ACCESS TO ENABLE KEY PROGRAMMING. PLEASE WAIT UNTIL GREEN LED IS SOLID.



GREEN LED

RED LED



## VEHICLE TESTING



PRESS START STOP BUTTON  
ONCE TO ENERGISE SYSTEM.

DO NOT INSERT SLOT KEY

CONNECT TDB750 TO VEHICLE  
OBD PORT.



THE TDB750 WILL FLASH RED  
AND GREEN.



AFTER A PERIOD OF TIME THE  
TDB750 WILL CHANGE TO  
SOLID GREEN.



## VEHICLE TESTING



CONNECT TDB1000 A.S.S.E.T  
KEY PROGRAMMER TO THE  
TDB750.

SELECT CORRECT VEHICLE  
MODEL.

THE TDB1000 WILL READ THE  
SECURITY INFORMATION  
FROM THE TDB750.

SELECT THE PROGRAM KEY  
OR ERASE KEY AS REQUIRED.



PROCEED TO PROGRAM KEYS AND FOLLOW TDB1000 A.S.S.E.T  
PROCEDURE AS NORMAL.

## SPECIFICATION

MAXIMUM INPUT VOLTAGE	18 VOLTS
MINIMUM INPUT VOLTAGE	12 VOLTS
TEMPERATURE RANGE	0 TO 50 DEGREES CELSIUS
DIMENSIONS	85mm x 45mm x 25mm
WEIGHT	60 grams

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## CONTACT INFORMATION

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# 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  
United Kingdom

Product Name: Volvo Security Dongle

Product Model: TDB750

Conforms to: Specifications  
EN 55022:1998, A1: 2000 + A2: 2003  
EN 55024:1998, A1: 2001 + A2: 2003  
EMC Directive: 204/108/EEC  
Product conforms to class A emission standards

Folc



Signed : G CHAMBERS

Signed on behalf of The Diagnostic Box

