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INTRODUCTION

The TDB006 Antenna Tester is a full featured test device for checking the antenna used on transponder key systems. It has an internal antenna with high gain receiver to pick up the antenna signal, but additionally it has an external antenna wand connection to connect a wafer thin antenna for testing the push start, card slots and smart key types.

The external wand can slide into the key or card reader as well as the key, easily picking up the signal being sent from the vehicle.

When the key or card is inserted, the vehicle sends a signal to the transponder inside the key and the TDB006 will pick up this signal, and identify that the slot key or card reader is functioning correctly.
GENERAL OPERATION

- **ANTENNA**
- **SIGNAL LED**
- **POWER LED**
- **POWER BUTTON**

EXTERNAL ANTENNA CONNECTION

BATTERY COMPARTMENT
GENERAL OPERATION

INSERTING AND REPLACING THE BATTERIES

PUSH BATTERY COVER IN DIRECTION OF ARROW

USE 3xAA BATTERIES  
NORMAL or RECHARGEABLE
1. HOLD TDB006 AS CLOSE TO START BUTTON.
2. PRESS THE START STOP TO CHECK THE SIGNAL.
3. THE TDB006 WILL MAKE AN AUDIBLE SOUND AND THE GREEN LED WILL FLASH WHEN A SIGNAL IS RECEIVED.

1. INSERT THE ANTENNA WAND INTO THE KEY SLOT.
2. THEN INSERT THE KEY AND PUSH IN TO START THE VEHICLE.
3. THE TDB006 WILL MAKE AN AUDIBLE SOUND AND THE GREEN LED WILL FLASH WHEN A SIGNAL IS RECEIVED.
## SPECIFICATION

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<th>Specification</th>
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<tr>
<td>OPERATING VOLTAGE</td>
<td>4.5 VOLTS DC</td>
</tr>
<tr>
<td>AUTO POWER OFF</td>
<td>2 MINUTES</td>
</tr>
<tr>
<td>BATTERIES</td>
<td>3 x AA Alkaline or NiMh rechargeable</td>
</tr>
<tr>
<td>OPERATING CURRENT</td>
<td>10mA</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>155 Grams</td>
</tr>
<tr>
<td>SIZE</td>
<td>84 mm (W) x 140 mm (H) x 29 mm (D)</td>
</tr>
<tr>
<td>POWER CONSUMPTION</td>
<td>45mW</td>
</tr>
<tr>
<td>FREQUENCY RANGE</td>
<td>125kHz and 134kHz</td>
</tr>
<tr>
<td>OPERATING TEMPERATURE RANGE</td>
<td>0 to 50 DEGREES C</td>
</tr>
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CONTACT INFORMATION

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Web : www.thediagnosticbox.com

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DECLARATION OF CONFORMITY

Manufacturer’s Name:       The Diagnostic Box
Manufacturer’s Address:    Chillington
                            Kingsbridge
                            Devon
                            TQ7 2EZ
                            United Kingdom

Product Name:              Transponder Antenna Tester
Product Model:             TDB006
Conforms to:               Specifications

TDB006 December 2015

Product conforms to class A emission standards

Signed : G CHAMBERS
Signed on behalf of The Diagnostic Box

CE