



### Internet Updateable Multi Application Tool

- Multi-Make Diagnostics and Service Tool
- Install only software and application you require
- Easy to use needing only 6 buttons
- USB Updateable
- High Contrast OLED Graphics Display

### Overview

The iMAT platform is an EOBD compliant system allowing various different versions of software to be loaded at any one time. It is a multiplexed unit giving access to a number of standard and

manufacturer discretionary communications pins and protocols. With the high visibility display and compact design it is a great tool for all situations.

Current Software Packages :

- Battery Validation
- DPF Regeneration & Reset
- Electronic Parking Brake (EPB)
- Service Light Reset

### BATTERY VALIDATION

As modern technology evolves, more and more Vehicle Manufacturers are adopting 'Start/Stop' with smart charging and battery management. The Battery Control Module on these models manages the degradation of the battery and charges it accordingly. When the battery's duty cycle drops below an unacceptable threshold, the battery management module will register a diagnostic fault code and would suggest diagnosis of the charging system or replacement of the battery.

When a replacement battery is required, the battery management module requires a diagnostic 'validation' which the iMAT Tool can perform.

Although these systems are more commonly used on Start/Stop models, battery validation requirement was necessary on Audi models as early as 2004. The Battery Validation Package Tool offers a cost effective solution to the ever increasing requirement to diagnostically validate replacement batteries.

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Q: " What happens if I physically replace the battery but do not diagnostically validate it?"

A: It will continue to manage the 'New' battery in an assumed degraded state, causing overcharging, stop/start issues and highly probable premature failure!

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The Battery Validation software is very quick and simple to use, with only 6 functional buttons, you can easily navigate through the menu structures to validate a replacement battery in as little as 60 seconds. Whether you are replacing the battery 'like for like' or you are changing the technology of the replacement from AGM to ECM, the tool has the capability.

### DIESEL PARTICULATE FILTER (DPF)

The DPF package allows the user to read and clear fault codes relating to the DPF system and to perform dynamic and static or 'forced' regeneration of the particulate filter, replacement adaption and additive resets where applicable.

With the EU legislations regarding Euro 5 & Euro 6 emission rulings along with the new VOSA laws against DPF removal, this will be an invaluable package to add to your iMAT tool.

### ELECTRONIC PARK BRAKE (EPB)

Although Electronic Parking Brakes are convenient for the vehicle owner/driver, they can present an ill-equipped workshop with a problem when replacing the rear brake pads on models fitted with EPB.

Modern electronic calipers need to be diagnostically 'opened' which relaxes the handbrake mechanism, allowing the technician to replace the brake pads without damaging the very expensive electronic caliper.

Functionality offers: Read & Clear Codes, live data, service modes, calibration where applicable.

### SERVICE LIGHT RESET (SLR)

With so many vehicle fleet companies refusing to pay invoices to workshop's who do not reset the service light when servicing one of their vehicles, diagnostic or manual resets are extremely important, not only for fleet companies but for the vehicle owner and technician alike to demonstrate that a high quality service has taken place. Warning lights on instrument clusters can mean many things, from oil change required to worn out brake pads.

The 'SLR' package offers the customer diagnostic functions for service light reset, oil degradation, and Conditional Based Servicing, Long-Life and Time & Distance intervals. Many service lights can be extinguished through a manual procedure but those which need diagnostic equipment, this software package again adds great value to our tool.

### Specification

Protocols:

- ISO
- CAN
- FT-CAN (Fault Tolerant)
- J1850
- LIN

Display / Input:

- Simple LED indication of function
- Easy 6 Button Control

## Contents

- iMAT
- Instruction Sheet
- J1962 Lead



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