

## **ADVANCED DIAGNOSTICS**

# Newsletter



## **Issue 6**

## **June 2006**

Welcome to your newsletter from  
Advanced Diagnostics.

We hope you find the information contained within  
the newsletter useful and will try and keep you informed of  
developments and information as best we can.

If you see a copy of this newsletter and you are not on the  
mailing list then please contact us to add you.

**Contained within this issue are the following:**

- VW/AUDI/SEAT/SKODA PIN READING UPDATE
- ISUZU SOFTWARE RELEASED
- SAAB SOFTWARE RELEASED
- GENERAL MOTORS/VAUXHALL/OPEL PIN CODE READING
- AUTO LOCKSMITH ASSOCIATION MEMBERSHIP
- TRAINING DATES
- THE NEW AD100 PRO KEY PROGRAMMING SYSTEM
- THE NEW AD30 TRANSPONDER COIL DETECTOR
- AD200/300 SOFTWARE UPDATES

## **ADVANCED DIAGNOSTICS**

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# AD100-TCODE-DM100-MVP-CODESEEKER- PREMIUM CODE-AVP Software Updates

## New Software - Available Now !!!

When did you last update your equipment? We recommend that you update your unit every 2 weeks as we are constantly adding new software and making improvements as we receive feedback from customers.

The latest version of software can be viewed on our website.

Additionally we are continually introducing new applications. Listed below are the more recent introductions.

PART NUMBER	DESCRIPTION	PRICE
ADS146	VW/AUDI CAB BUS SYSTEM	CAT C
ADS142	BMW MINI	CAT C
ADS140	BA FALCON	CAT C
ADS137	MERCEDES SPRINTER	CAT C
ADS135	ISUZU	CAT C
ADS144	SAAB KEY PROGRAMMING	CAT B
ADS142	PSA CAN BUS	CAT C

## SOME OF THE FREE SOFTWARE UPDATES INCLUDE

(providing you have already purchased the relevant VM software):-

- VAUXHALL PIN CODE READING FOR CORSA-C, TIGRA-B AND MERIVA
- OPEL PIN CODE READING FOR CORSA-C, TIGRA-B AND MERIVA
- VW/AUDI PIN CODE READING ON MM AND MOTORMETER SYSTEMS
- VAUXHALL MOVANO REMOTE CONTROL PROGRAMMING
- OPEL MOVANO REMOTE CONTROL PROGRAMMING
- BF FALCON

# Update NOW!

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## The Auto Locksmith Association ALA)

Just to inform you that the ALA membership system is now up and running.

Applicants need to go to

**[www.autolocksmiths.net](http://www.autolocksmiths.net)**

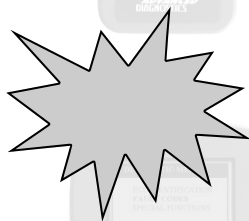
and click on **EXAM/JOIN**.

The NEW ALA organisation has been changed to allow any Automotive Locksmiths with correct ability and background to join the ALA, regardless of where you are located.

So what are you waiting for .....

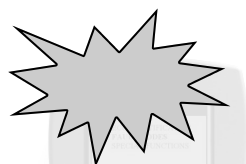
A great place to learn about Automotive locksmithing and build up your knowledge and expertise and share your experiences with other companies.

# Locksmith Chat



## Technical Info

## Training



## The NEW AD30 is here...

The AD30 Transponder Coil Detector has been designed to assist with the diagnosis of all Immobiliser systems using transponder technology.

One of the critical components of an immobiliser system is the coil or antenna fitted around the ignition barrel.

When diagnosing problems with the immobiliser system, there is always the question of "is the immobiliser antenna transmitting a correct signal to power the key transponder".....Now by using the AD30 this question can be quickly and easily answered, saving valuable time and money.

The AD30 is placed near the ignition barrel in the steering column and provides a visual and audible indication of antenna power. Additionally on certain vehicles, by switching the ignition on, a further indication of a transponder signal being sent by the ignition key and received by the antenna can also be provided.

If you already have Advanced Diagnostics Key Programming equipment the AD30 is an essential addition to your tool kit that will earn its keep within a few jobs.





# *The AD100 Pro ...*

Enhancing the highly successful AD100, was not easy, however the AD100Pro extends the boundaries even further.

The AD100Pro now benefits from a large LCD touch screen/ versatile keypad for easy navigation/ selection , and a USB interface for fast software downloads.

AD100Pro has been designed with simplicity in mind and the variety of adaptors required for AD100 have been integrated within simple colour coded dongles that configures the tester, thus reducing the quantity of cables required.

Although only fitted to a few US vehicles at present, a new vehicle interface 'Single Wire CAN' has been added to the AD100Pro, along with all the standard interfaces, plus the CCD and VPW protocols.

Combined with enhanced security and increased memory capacity, the AD100Pro positions itself as the leading transponder key programming tool in the world.



Have you heard  
about it yet ?

## **All your questions answered on the next few pages ...**

## AD100Pro FAQ'S

### What is the difference between an AD100Pro and AD100/T Code/DM100/Codeseeker?

The AD100Pro has the following differences:

- Large LCD touch screen
- Versatile keypad for easy navigation/selection and alphanumeric entry
- USB interface for super fast software downloads (less than 2 mins)
- Colour coded dongles that configures the tester cable's, thus reducing the quantity of cables required.
- Interface adaptors for Honda, Nissan and Chrysler integrated.
- A new vehicle interface 'Single Wire CAN' has been added.
- Enhanced security
- Increased memory capacity (now 64Meg)
- Incorrect dongle notification, to help with vehicle connection.

### What is the future for AD100/T Code/DM100?

- These products will continue to be sold and supported.
- Software and hardware interfaces will still be developed and will be supported for as long as possible.
- Worldwide we have sold approx 6000 units and therefore are **100%** committed to supporting these products.
- Initially first sold in the year 2000, these units were designed with all the communication interfaces known about at the time to ensure longevity. Six years on and this design has proven it can stay the course, and will continue to do so for many years to come.

### What is the future for MVP and Premium Code?

- These products are aimed at a different market to both the existing products and the AD100Pro. They will continue to be sold to customers that require a low cost entry into the key programming market. Additionally the MVP is attractive as a second unit to customers that want full vehicle coverage but at a fraction of the cost.

## AD100Pro FAQ'S

### Do I pay for software updates?

- The software update policy for AD100Pro is the same as with AD100/T Code/DM100 and Codeseeker.
- New software is purchased as and when required.
- Software updates will either be Free of charge or chargeable dependant upon the significance/complexity of the update.

### Why should I buy an AD100Pro?

- AD100Pro has many practical enhancements.
- Improved usability with touch screen and versatile keypad for easy navigation/selection and alphanumeric entry.
- Fast USB software download time.
- Less cables/adaptors making connection simpler.
- Additional vehicle interfaces integrated.

### Can I exchange my existing Key Programming Tool for an AD100Pro?

- Yes we will offer an exchange scheme for all testers. Details will be available over the next few months closer to the launch dates.

### Is the AD100Pro available worldwide?

- Yes. AD100Pro will be sold worldwide.

### What is the cost of AD100Pro?

- Exact pricing is not finalised at the moment but will be announced over the next couple of months. It is envisaged that the total price for the full kit will be comparable with the current full price for a T Code/AD100/DM100 package.

### How will AD100Pro be sold?

- AD100Pro will be sold in the same method as AD100/T Code and DM100. The software will be sold individually or in packages to suit specific markets.

## AD100Pro FAQ'S

### I am just about to buy a T Code/ AD100 / DM100, what should I do?

- All products are still great products and with the fantastic new package prices, are still an excellent purchase.

### I am just about to buy an MVP / Premium Code, what should I do?

- MVP and Premium Code provide a very low cost entry into the key programming market for those that either don't do a high number of key programming jobs or want it as a second units to ensure they have all software available for those vehicles they don't see that often.

### Will there be an AD100Pro TOKEN machine ?

- NOTE :- There is no plan currently to offer a TOKEN based AD100Pro, however this will be reviewed in 2007.

### What will happen to Codeseeker customers?

- Codeseeker is licensed to Strattec and the decision for the future of this product is for Strattec to decide and any questions about the future of Codeseeker must be put to Strattec direct.



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# AD100-TCODE-DM100-MVP-CODESEEKER Software Development's

## 2006 SOFTWARE PLAN

SAAB CAN BUS KEY PROGRAMMING	-	AUGUST	2006
MITSUBISHI CAN BUS	-	JUNE	2006
HONDA/ACURA CAN BUS	-	JULY	2006
TOYOTA LEXUS CAN BUS	-	AUGUST	2006
GM USA CAN KEY PROGRAMMING	-	JULY	2006
KIA CAN BUS KEY PROGRAMMING	-	SEPTEMBER	2006
HYUNDAI CAN BUS KEY PROGRAMMING	-	SEPTEMBER	2006
VOLVO KEY PROGRAMMING	-	NOVEMBER	2006
NISSAN SMART KEYS (USA)	-	AUGUST	2006
CHRYSLER PT CRUISER (2006 MY) CAN BUS	-	MAY	2006
LOTS AND LOTS MORE PIN CODE READING, SO WATCH THE INFORMATION FORUM FOR MORE DETAILS			

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## AD300 & AD200 Software Update

*Updated software is available for AD200/300*

GK5AOENG	➔	GK641ENG
E15AOENG	➔	E1641ENG
E25BOENG	➔	E2641ENG

A further release of software is now available for upgrading. Details of the enhancements are detailed on the next couple of pages.

Customers that have purchased software within the last 12 months will be able to upgrade FOC.

Customers that haven't purchased software within the last 12 months will have to pay for the upgrade but then be entitled to FOC upgrades for the next 12 months.

### AD200

The update scheme works by downloading software from our website and then calling us for an unlock code.

### AD300

The update scheme works on a card exchange scheme, therefore customers must contact distributor for updated software.

**Software Version 641 Update - Japanese, Asian & Korean**

VERSION	MAKER	DETAILS
JAPAN	TOYOTA & LEXUS	1. New KWP2000 protocol added. (after 2004 model year vehicle) - KIJANG INOVA, FORTUNE, HILUX, AVANZA vehicle added. 2. New vehicle menu added. HARRIER, ALPHARD, AVENSIS VERSO, COASTER, COROLLA VERSO, KLUGER, WISH, XA 3. Corrected Carmanscan VG Problem: Displaying only a part of Trouble Code. 4. MR2 ABS SYSTEM ADDED.
	HONDA & ACURA	1. JAZZ, FIT Two CVT system and One EPS system added.
	NISSAN & INFINITI	1. XTRAIL, SERENA, TEANA, MURANO Vehicle menu added.
	SUZUKI	1. New vehicle and system added. AERIO/BALENO, APV/CARRY, BALENO, CARRY 1.3, EVERY/ LANDY, SWIFT, VAN/OMNI, VERSA
	SUBARU	1. Carmanscan II, Carmanscan VG Problem solved. : Communication problem shown on "DTC" and "Sensor Data". 2. Corrected CURRENT DATA displaying error. 3. Corrected communication problem with the vehicle.
MALAYSIA	ISUZU	1. LUV, RODEO, FRONTIER, LAO-RODEO 4JH1-TC BOSCH POWERTRAIN developed. 2. LUV, RODEO, FRONTIER, LAO-RODEO, AMIGO, WIZARD, MU, AXION IMMOBILIZER developed. 3. Problem corrected on Carmanscan VG : Displaying only a part of Trouble Code.
	PROTON	1. Modified the problem on sensor data of SIEMENSE VDO ENGINE EMS400 2. "CAMPRO" Vehicle added. - SIEMENSE VDO ENGINE EMS700 system developed. - BOSCH ABS system developed.
	PERODUA	1. "MYVI" vehicle added and modified current vehicle list on the program.
KOREA	HYUNDAI	1. Applied OEM software version for 2006 model year vehicle.
	KIA	1. Applied OEM software version for 2006 model year vehicle. 2. Carmanscan I : Corrected the problem of broken letters on screen of KIA American software program.
	DAEWOO	1. Corrected display error on LEGANZA ENGINE ACTUATOR. 2. KOREA CHEVROLET menu added. - SPARK, AVEO, OPTRA
	SSANGYONG	1. Corrected New korado TCU list error on program. 2. Corrected sensor data output of "Rexton 2.7 diesel". 3. Added ECS system of "New Chairman" vehicle. 4. Corrected "Rexton diesel engine " error on trouble code.

**Software Version 641 Update - European 1 & 2**

VERSION	MAKER	DETAILS
Euro 1	OPEL	1. CORSA-C C14SE, C16SE ENGINE system developed. (Corrected displaying sensor data problem) 2. CORSA-C IMMO, EPS system developed. 3. BLAZER vehicle menu added and ENGINE SYSTEM developed.
	BMW	1. Communication problem corrected, Corrected ME 7.2 sensor error. 2. Communication problem of old-type system corrected. 3. ABS RESET function added.
	BENZ	1. Deveoped CAN SRS system of W211 type. 2. Corrected "BENZ DIESEL CDI-1" problem on displaying "DATASTREAM GRAP".
	AUDI/VW	1. Communication problem of engine system corrected.
Euro 2	FORD	1. EUROPEAN FORD maker added.
	PEUGEOT	1. 106 NFZ MM8P, NFY MM8P ENGINE added. 2..106 "REMODELAGE" vehicle NFW MM8P ENGINE added. 3. 306 L6A MM8P, LFZ MM8P, R6D MM8P, RFX MM8P ENGINE added. 4. 306 "REMODELAGE" vehicle L6A MM8P, LFZ MM8P ENGINE added. 5. 405 L6A MM8P, LFZ MM8P, R6D MM8P, RFX MM8P, RGZ MM8P ENGINE added. 6. 406 BFZ MM8P, L6A MM8P ENGINE added. 7. 806 LFW MM8P, RFU MM8P ENGINE added. 8. BOXER RFW MM8P ENGINE added. 9. EXPERT L6B MM8P, LFW MM8P ENGINE added.
	CITROEN	1. EVASION LFW MM8P, RFW MM8P ENGINE added. 2. RELAY(JUMPER) RFW MM8P, RFL MM8P ENGINE added. 3. RELAY2(JUMPER2) RFW MM8P, RFL MM8P ENGINE added. 4. XANTIA BFZ MM8P, L6A MM8P ENGINE added. 5. XSARA LFZ MM8P, L6A MM8P ENGINE added. 6. ZX L6A MM8P, LFZ MM8P, R6D MM8P, RFX MM8P ENGINE added.
	RENALUT	1. Diesel Engine system added. 1) EDC 15 -C3 VDIAG0C X74 2) EDC 15C - VDIAG 14 VA2 - IMA) 2. Gasoline Engine system added. 1) V4Y-6143-VDIAG 08 2) V4Y-6143-VDIAG 0C 3) ME 7.4.6 TWR - Deleted "searching ID menu" after communication with gasoline engine. All of the gasoline engine communication developed except CAN BUS



# **ADVANCED TRAINING**

## **June**

AD200/300 MON 5th  
AD100 Basic TUE 6th  
AD100 Advanced WED 7th  
AD400 Tech 2 THURS 8th

## **September**

AD100 Basic TUE 12th  
AD100 Advanced WED 13st

## **October**

AD100 Basic TUE 3rd  
AD100 Advanced WED 4th

## **November**

AD100 Basic TUE 21st  
AD100 Advanced WED 22nd  
AD200/300 TUES 28th  
AD400 Tech 2 WED 29th

## **December**

AD100 Basic MON 12th  
AD100 Advanced TUE 13th

Visit our website to view the course timetable

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## TradeShows - 2006

We have already held a number of trade shows during 2006. Details of which can be found on our website.

The remaining shows during 2006 are:

### **ALOA**

Dates: 15th to 17th July 2006

Location: Las Vegas, USA

### **Automechanika**

Dates: 12th to 17th Sept 2006

Location: Frankfurt, Germany

# Hope to see you there !

NEWSLETTER - JUNE 2006

## Communication

As always, it is only worth producing this newsletter if it is of use to the customer. We would therefore welcome any feedback regarding the content or type of information you would like to see.

Additionally we would like to hear your views on what we should be doing to improve the service that either Advanced Diagnostics or our distributors are offering.

Naturally we can't promise to deliver everything that everyone wants, however we will try to deliver the important items.

To provide feedback on either of these issues or anything else please e-mail us at [sales@advanced-diagnostics.co.uk](mailto:sales@advanced-diagnostics.co.uk)

## Register

Ensure that we have a record of your equipment and serial number.

## Update

Visit our website on a regular basis to;

- Update your equipment with any Free of Charge updates
- Be advised of the latest software releases.

## New Contact Details

**Advanced Diagnostics Ltd**  
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**Eastboro Fields**  
**Hemdale**  
**Warwickshire**  
**Nuneaton**  
**CV11 6GL**

**Tel:** 024 76347000  
**Fax:** 024 76347100  
**E-Mail:** [sales@advanced-diagnostics.co.uk](mailto:sales@advanced-diagnostics.co.uk)  
[technical@advanced-diagnostics.co.uk](mailto:technical@advanced-diagnostics.co.uk)  
**Web:** [www.advanced-diagnostics.co.uk](http://www.advanced-diagnostics.co.uk)

### UK CUSTOMERS TECHNICAL SUPPORT

**AD100 / MVP**  
**01823 328532**

**All Other Products**  
**024 76346899**

**Please Contact Your Local Distributor for  
Further Information**  
**Visit [www.advanced-diagnostics.co.uk](http://www.advanced-diagnostics.co.uk) for details**