## EDIABAS / INPA Installation

# NOTE: NO RESPONSIBILITY IS ACCEPTED FOR ANY DAMAGE YOU DO TO YOUR CAR BY FOLLOWING THESE INSTRUCTIONS. DO SO AT YOUR OWN RISK.

I have successfully installed EDIABAS / INPA on both Windows XP Pro and Vista Business using these instructions. The weak link is always going to be the lack of a serial port on modern laptops and whether or not a USB/RS232 or PCIExpress/RS232 adapter will work properly. I opted for getting my old Thinkpad out of the loft and treating it to a new battery.

#### **Step 1 – Prepare the laptop**

First, you have to make a tiny change to the Windows environment variables. This is less scary than it sounds. INPA relies on a file called API.DLL being in a folder that is set in the Windows "path" so you need to add the EDIABAS folder to the path variable, like this:

Systemeigenschaften 🤶 🏹					
Systemwiederherstellung		Autom	atische Updates	Remote	
Allgemein	Computername		Hardware	Erweitert	
		Sys Reg Con	tem: Microsoft Windows Professional Version 2002 Service Pack 2 jistriert für: 55375-640-1914373 nputer: Intel Pentium III-Pro: 996 MHz, 512 MB F	XP 3-23059 zessor 3AM	
	(	OK	Abbrechen	Obernehmen	

1. Go to control panel, select Classic View and open the "System" item

2. Choose "Advanced" and then "Environment Variables"

Ur	ngebungsvariable	en 🤶 🔀	
ſ	Benutzervariablen fü	r Administrator	
	Variable	Wert	
	TEMP	C:\Dokumente und Einstellungen\Admini	
	11.0	C. (Dokamento ana Eniscellangen (Haminian	
			Path variable
		Neu Bearbeiten Löschen	
	Systemvariablen		
	Variable	Wert	
	ComSpec	C:\WINDOWS\ <del>sys</del> tem32\cmd.exe	
	NUMBER OF P	NO -	
	05	Windows_NT	
	Path 🕿	C:\WINDOWS\system32;C:\WINDOWS;	
		Neu Bearbeiten Löschen	
		OK Abbrechen	

3. You'll see a system variable called "Path" - double-click this

4. In the "Variable value:" box, add ";c:\ediabas\bin" to the end of the list of folders - e.g:

 $\label{eq:systemRoot} SystemRoot\%\System32\Wbem;c:\ediabas\bin$ 

Systemvariable bearbeiten			
Name der Variablen:	Path		
Wert der Variablen:	emBoot%)System32\Wbem;c;\ediabas\bin		
	OK Abbrechen		

- 5. OK OK Until the system window and control panel are gone
- 6. **Reboot** (important so that Windows picks up the change to the path)

### **Step 2 – Install the software**

1. Unzip the package, either onto laptop directly or onto CD (I used CD so I could move it on to my old XP laptop easily)

- 2. Run the **setup.exe** program
- 3. Choose Next :

🛃 INPA5.0 - InstallShield Wizard 🛛 🛛 🔀
Welcome to the InstallShield Wizard for anoun INPA5.0
The InstallShield(R) Wizard will allow you to modify, repair, or remove INPAS.0. To continue, clich Next.
< Back Next > Cancel

#### 4. Choose Next

💕 INPA5.0 - InstallShield Wizard	
Customer Information Please enter your information.	
User Name:	
Organization:	
Install this application for:	
<ul> <li>Anyone who uses this computer (all users)</li> </ul>	
Only for me (obd)	
InstallShield	avt > Cancel
	Cancol

## 5. Choose Typical and click next

🙀 INPA5.0 - In	istallShield Wizard 🛛 🛛 🔀
<b>Setup Type</b> Choose the se	etup type that best suits your needs.
Please select -	a setup type.
• Typical	All program features will be installed. (Requires the most disk space.)
) Minimal	Minimum required features will be installed.
O Custom	Choose which program features you want installed and where they will be installed. Recommended for advanced users.
InstallShield ———	< Back Next > Cancel

6. Remember installation drive and catalogue and click install to continue

👹 INPA5.0 - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	-
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard. Current Settings: Setup Type: Typical Destination Folder: C:\EDIABAS\My Product Name\ User Information: Name: obd Company:	
InstallShield < Back Install Cancel	

7. After installation click finish.



8. Now open "C:\EDIABAS\Hardware\ADS\ADS32", double click to run "ADSSETUP.EXE", there will be a DOS window appear in second.

9. Now copy CAN, EDIC, EDICC, FUNK, MOST, OBD folders from Hardware folder in your CD to C:\EDIABAS\Hardware.

10. Now there will be a folder on your laptop called c:\ediabas\hardware\obd and inside it will be a program called OBDSetup.exe – you need to run this too to install OBD drivers if your cable is an OBD cable.



You will see this screen when you run it: Choose Enter or any key to continue

C:\EDIABAS\Hardware\OBD\OBDSetup.exe Windows 2000 Version 6.0 Build 6000 ٠ Installing OBD driver... SubKey 'SYSTEM\CurrentControlSet\Services\Serial' allready exist ! Reading values of the key ... Value Type = 1 Expected = 1 Ok Value Start = 3 Expected = 1 Varning Value Group = Extended base Expected = Extended base Ok Value ErrorControl = Ø Expected = Ø Ok Read value 'Tag' failed ! Read value 'ForceFifoEnable' failed ! Read value 'KxFIFO' failed ! Read value 'TxFIFO' failed ! Read value 'DermitShare' failed ! Read value 'LogFifo' failed ! Warning! Some values have no standard data - May be there are problems ! Ok Warning Press any key to continue ...

11. Now restart your computer

12. Copy the files from the folder "P (Bin files)" into "C:\INPA\BIN"

13 . Done!! To start the program Go to start  $\rightarrow$  All programs  $\rightarrow$  INPA 5.0  $\rightarrow$  BMWINPA

### **Step 2 – Using the software**

Now you can give it a try. Here's an example of checking and resetting airbag faults on my E39 5-series.

1. Hook up the cable between the serial port and the car

2. Run "INPA" from Start  $\rightarrow$  All programs  $\rightarrow$  INPA 5.0  $\rightarrow$  BMWINPA

3. Select car model (e.g. F5 for E39 5 series)

INPA - Loader: BMW Group Rectification programs UK Vers About	ion 3.01							
BMW Group Re	ctific	ation pr	ograms	UK				
• Battery :	$\bigcirc$	off		Ign	nition :	$\bigcirc$	off	
< F1 > Information				<shift< td=""><td>t&gt; + &lt; F1 &gt; Chan</td><td>ge Editor</td><td></td><td></td></shift<>	t> + < F1 > Chan	ge Editor		
< F2 > E85				<shift< td=""><td>t&gt; + &lt; F2 &gt; E83</td><td></td><td></td><td></td></shift<>	t> + < F2 > E83			
< F3 > E46				<shift< td=""><td>t&gt; + &lt; F3 &gt; Mini F</td><td><b>R</b>50</td><td></td><td></td></shift<>	t> + < F3 > Mini F	<b>R</b> 50		
< F4 > E65				<shift< td=""><td>t&gt;+<f4> Rolls</f4></td><td>Royce RR1</td><td></td><td></td></shift<>	t>+ <f4> Rolls</f4>	Royce RR1		
< F5 > E39				<shift< td=""><td>t&gt; + &lt; F5 &gt; Old n</td><td>nodells</td><td></td><td></td></shift<>	t> + < F5 > Old n	nodells		
< F6 > E52				<shift< td=""><td>t&gt; + &lt; F6 &gt; Engir</td><td>ne</td><td></td><td></td></shift<>	t> + < F6 > Engir	ne		
< F7 > E53				<shift< td=""><td>t&gt; + &lt; F7 &gt; Trans</td><td>mission</td><td></td><td></td></shift<>	t> + < F7 > Trans	mission		
< F8 > E60 <\$hift> + < F8 > Special tests								
< F10> End				<shift< td=""><td>t&gt; + &lt; F10&gt; Exit</td><td></td><td></td><td></td></shift<>	t> + < F10> Exit			
RUNNING	62	54	Select	menu	Ð	69	69	E10
Info E85	E46	E65	E39	E52	E53	E60	13	End
		,			$\overline{\ }$			
					E39 5 S	eries		

4. Choose the area of the car you want to work on

Script selection ( <tab> to change lists</tab>	pox, <esc> to abort)</esc>
Select E39 U1.24 Engine Transmission Chassis Body Communication systems	Airbag Active seat Electronic vehicle immobilization EWS Remote controls Trunk lid module Air conditioning IHKA IHR Instrument Cluster KOMBI / IKE Headlight vertical aim control LWR2A Light and check module LCM Multi functional Steering wheel MFL Park distance control PDC Nain sensor AIC Rain and light sensor NLS Middle console center switch Cruise control GR2 Central body lectronics ZKKM Additional heater diesel / Park heating
	Body -> Airbaş

5. You'll now see the specific options for the airbag. E.g. F4 to view faults, F5 to clear faults (not sure if it's actually F4 / F5 but you get the idea).