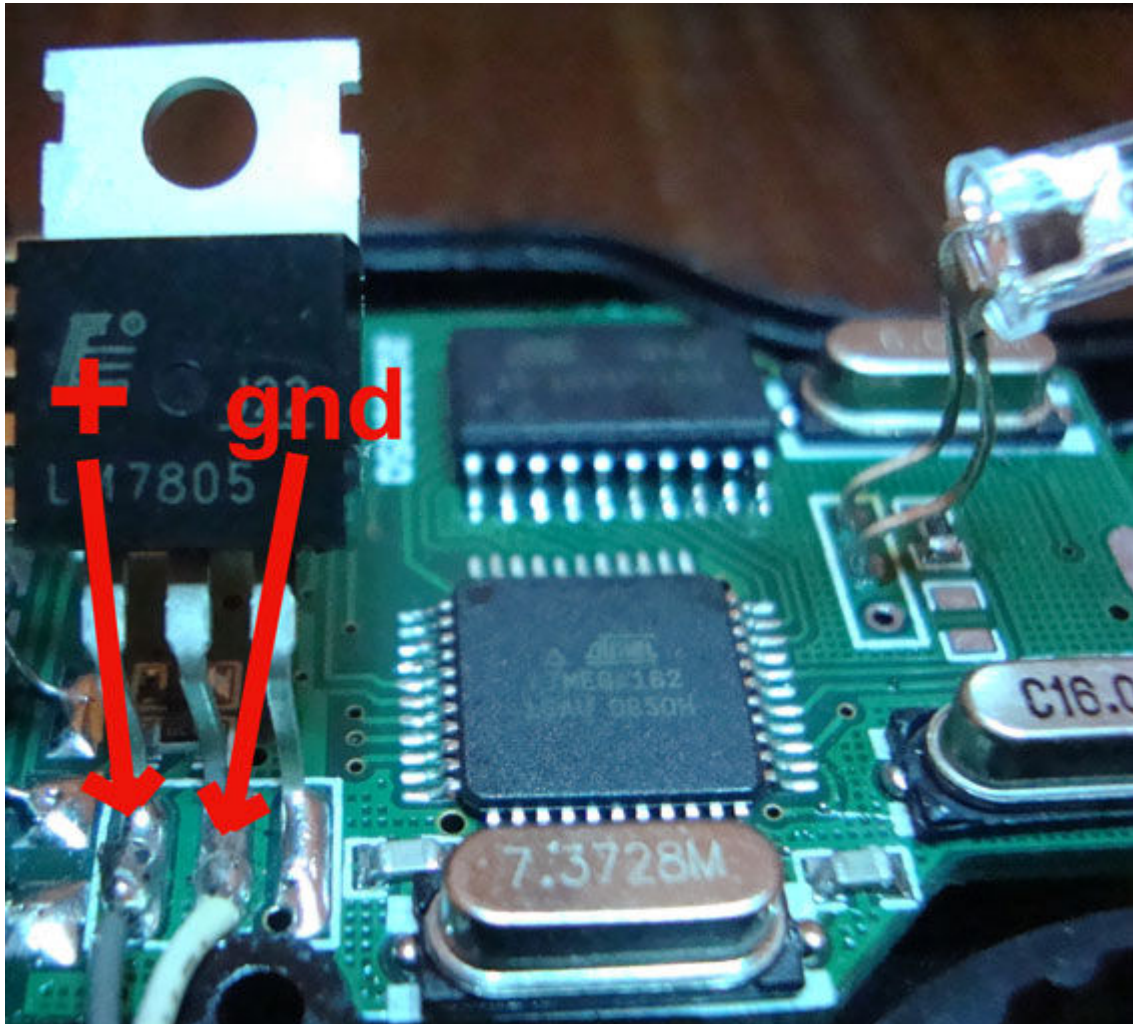


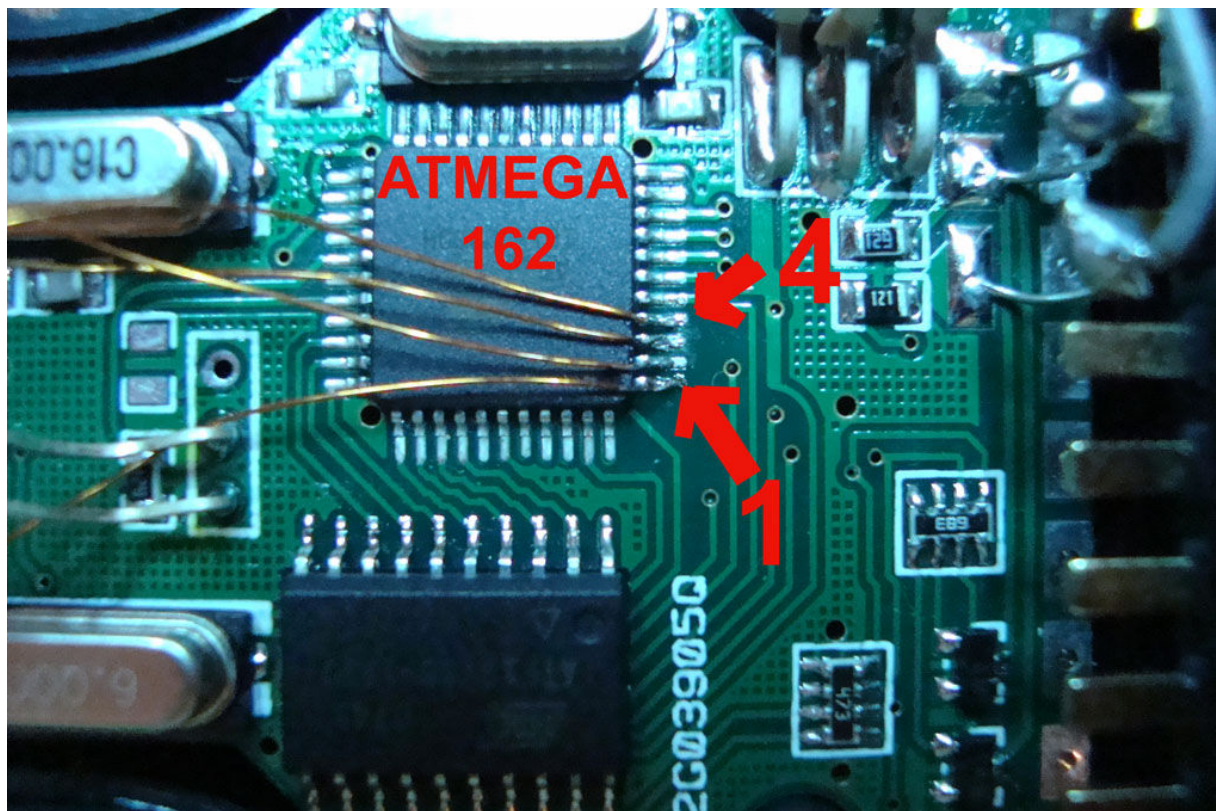
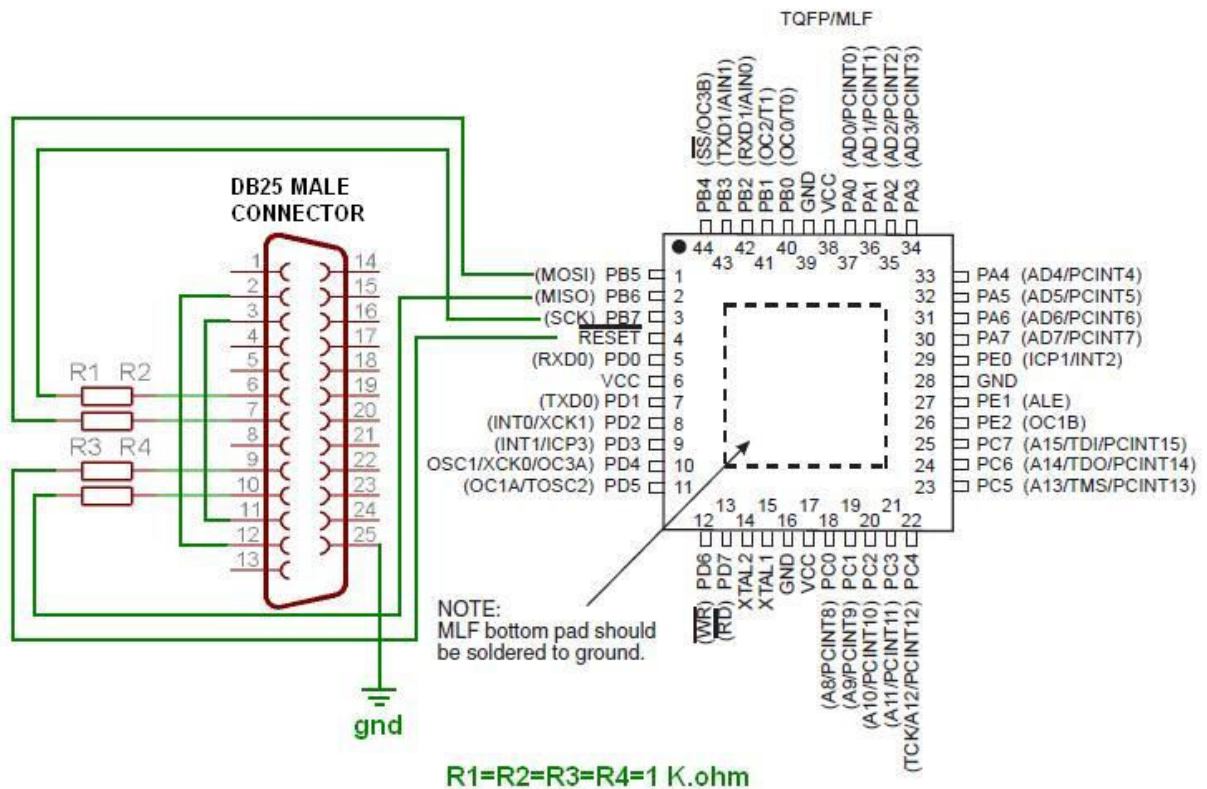
Tutorial , VCDS 805 programming and upgrading

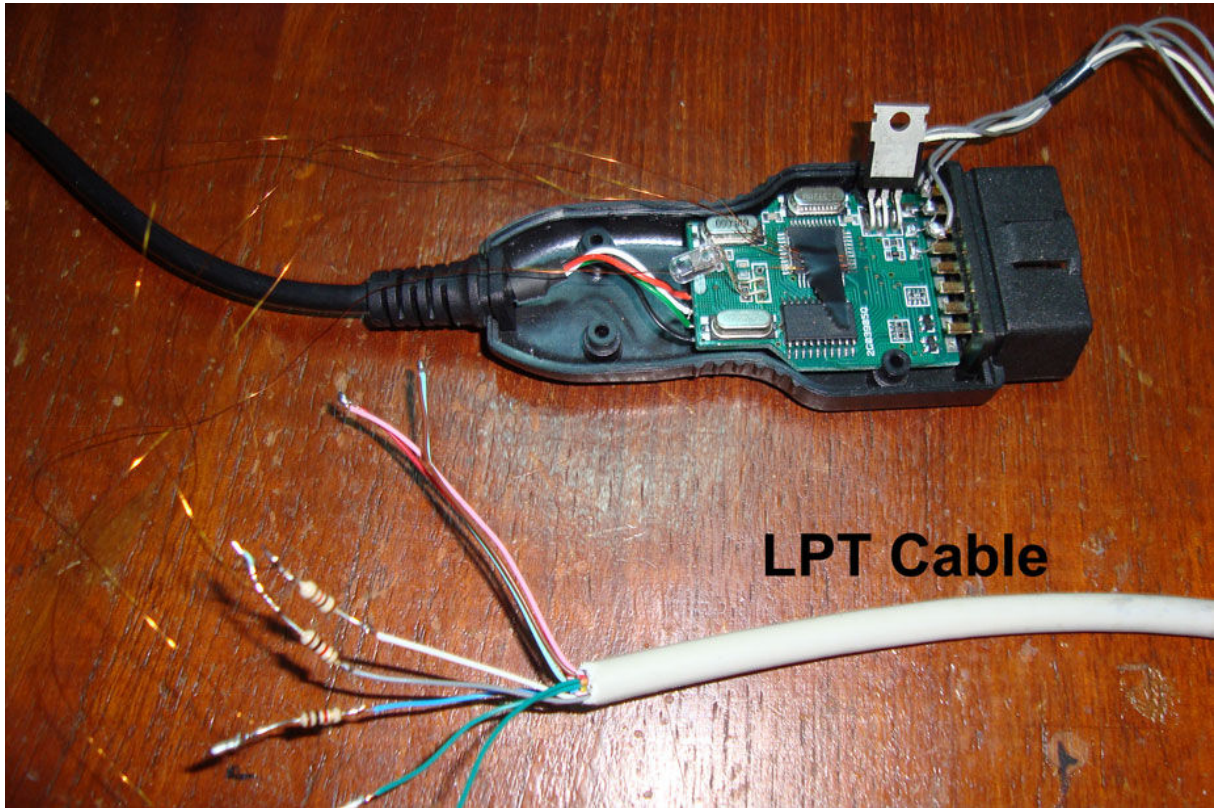
Tutorial about repairing or upgrading VAG COM interface with 1.78 firmware working with VCDS 805 english version.

Firstly we must supply the interface with a voltage of 12 volts , for this we solder 2 wire on 7805 regulator like the picture :

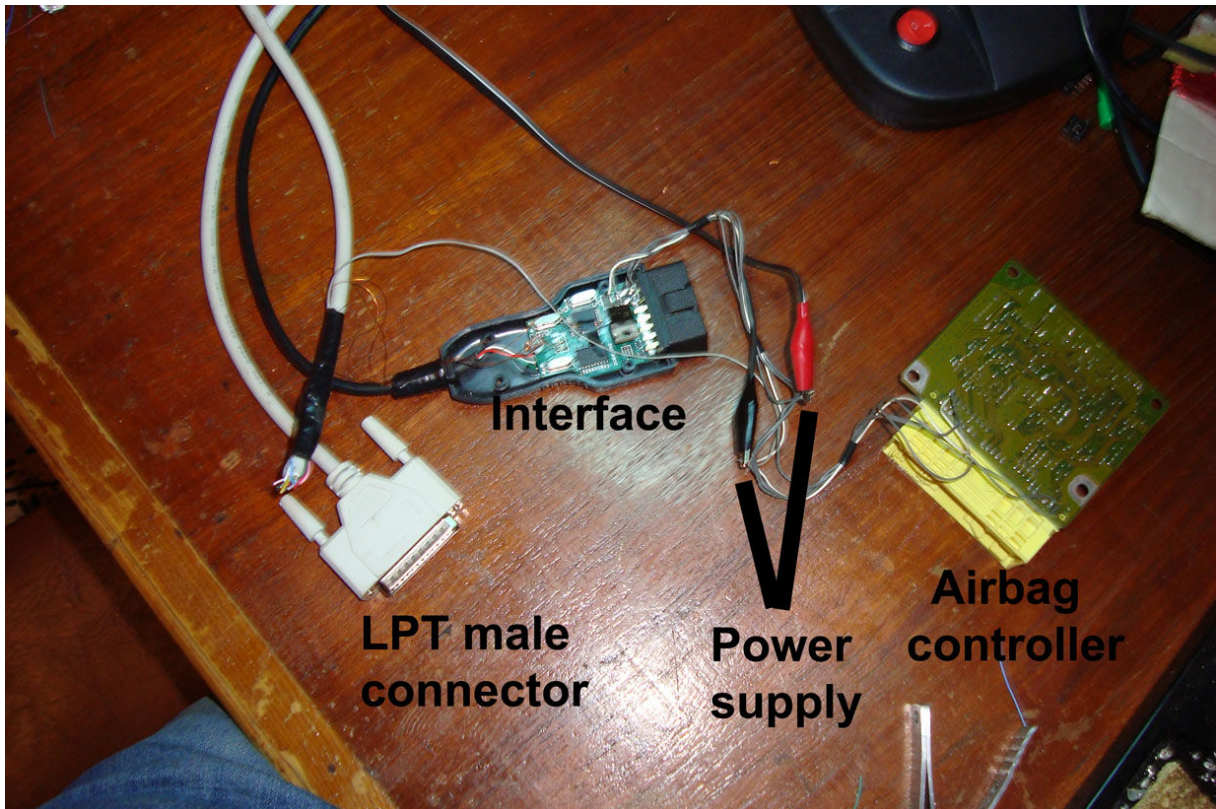


After we must connect the ATMEGA 162 ship with port LPT of the PC to program it as shown on this pictures :



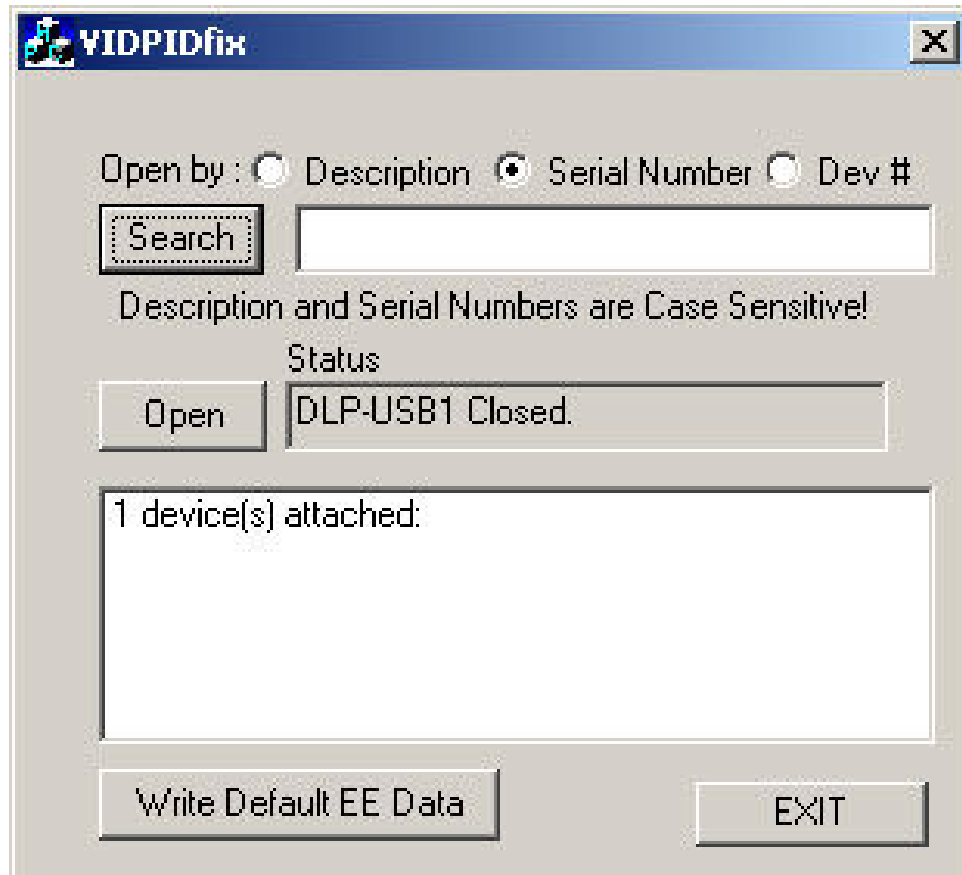


Final result :



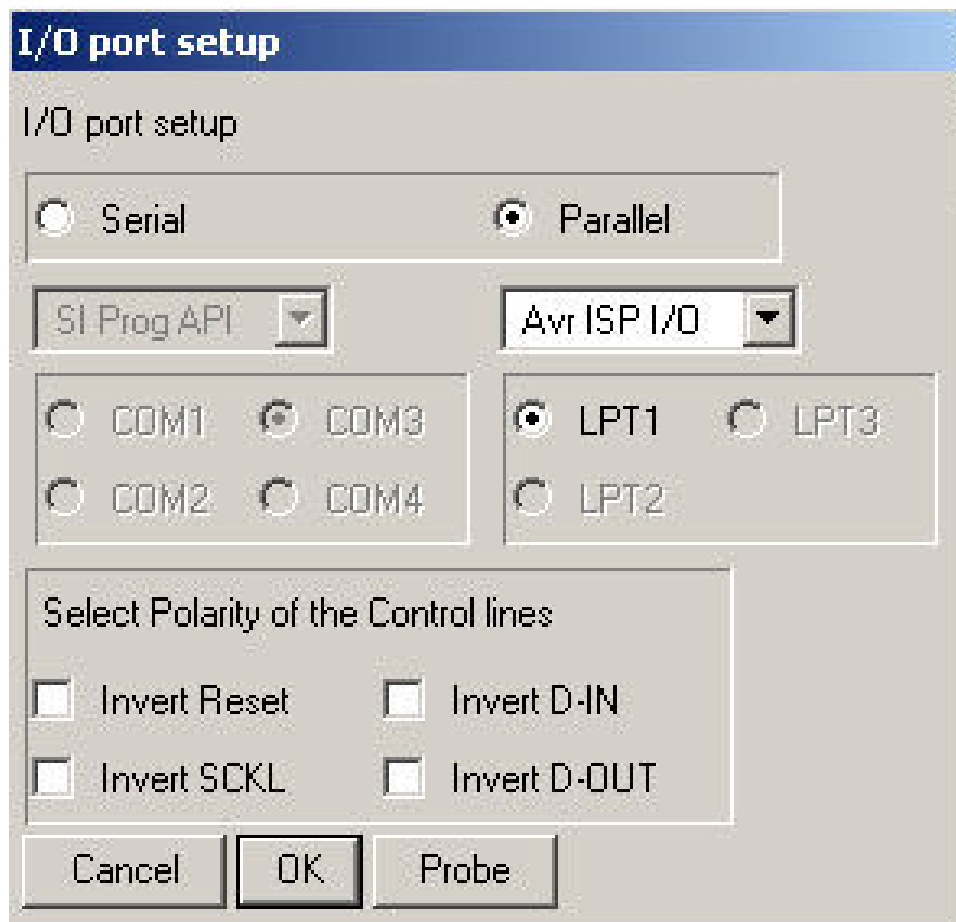
The airbag controller is not needed , i use it only to test the interface.

- Uninstall any installed version of VAGCOM or VCDS on your PC.
- Disconnect all connected USB devices.
- Connect USB cable of interface.
- Execute "**FTDI_Tools\vidpidfix.exe**".
- Select "**SERIAL NUMBER**".
- Click "**Search**" button.

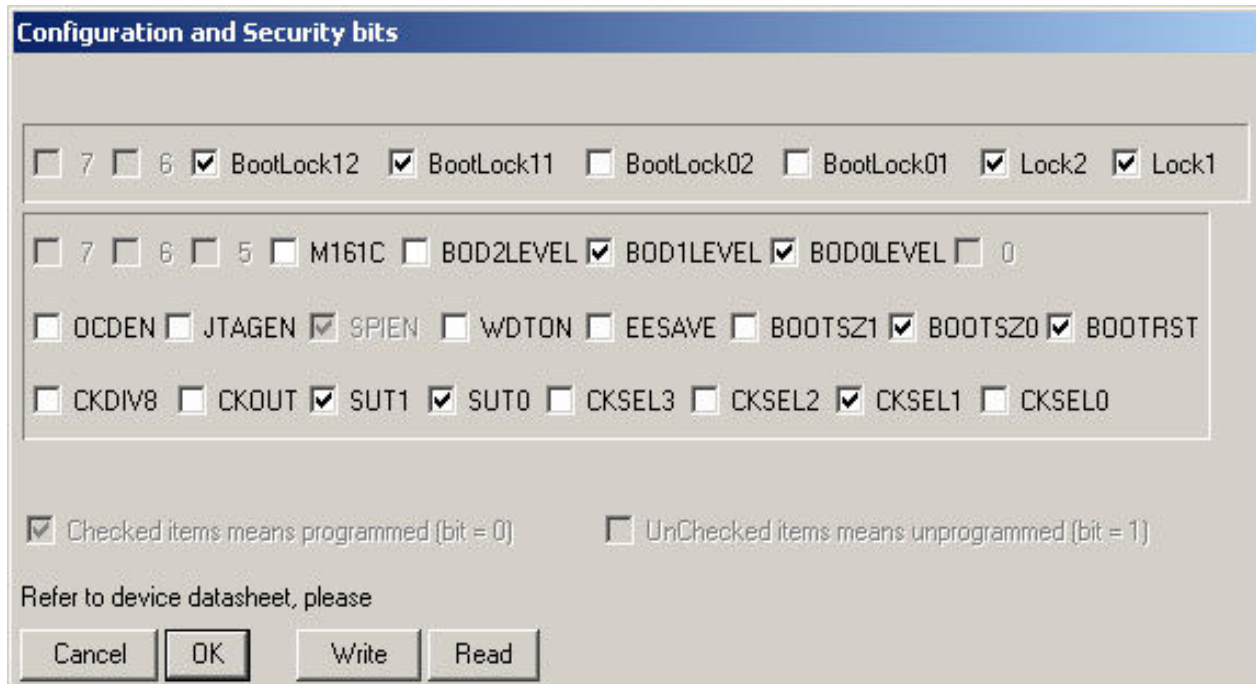


- Click "Open" .
- Click "Write default EE data" .
- Disconnect USB interface and reconnect it , you will be asked for driver , install driver in "FTDI_Tools\VCR_CDM 2.00.00" directory .
- execute "\FTDI_Tools\Mprog\MProg 3.5 Release\Mprog.exe".
- Select "Device->Scan".
- Select "File->Open" , select "VCDS_805_dumps\Ross_Tech.ept".
- Select "Device->program".
- Connect LPT cable.

- Execute "\\PonyProg2000\PonyProg2000.exe".
- Select "Setup->Interface setup...". Configure it as shown on this picture.



- Now power up the interface with 12 v
 - Select "Setup->Calibration" , Click "Yes".
 - Select "Command->Erase".
 - Select "Command->Security and configuration Bits".
 - Set security bits as shown on this picture :



- Click "Write".
 - Select "File->Open Device File..." and select this file "\VCDS_805_dumps\VCDS_805_Atmega_162.bin".
 - Select "Command->Write All".
 - Disconnect LPT cable.
 - Your Interface is now ready to work.
 - Install "\VCDS_805_soft\VCDS-Release-8050-Installer.exe".
 - Copy "\VCDS_805_soft\hosts" to "YOUR WINDOWS DIRECORY\system32\drivers\etc\" to prevent detection of blacklisted serial.

VCDS

Program Options

Port and Protocol Options

Select Port

- COM1 COM2 COM3
 COM3 COM4

Test

Init parameters

- Bypass OBD-II Fastinit
 Force K on engine

User Interface and Identification

VCDS: Port Test



Port Status: OK
Interface: Found!
Type: Ross-Tech HEX-USB+CAN
Version: 1.78
Status: Ready
K1: OK
K2: OK
CAN: OK

OK

T Addr. Debug Level

-1

0

2 Time

25

CAN Timeout

0

Usage

81

00

Restore Defaults

Save

Apply

Cancel

VCDS

Release 805.0

Data version: 20080625

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All Wrongs Reversed

Additional Contributor: Eric Maurier

License Info

Serial Number

hexc715-00a8aa-a266fd-11e36e-pmhahh-6107

License Status:

Fully Registered / Activated

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Go Back

VCDS

Fault Codes

Controller Info

VAG Number: **1C0 909 605 A** Component: **27 AIRBAG VW51 01 02**

Fault Codes

10 Faults Found:
00595 - Crash Data Stored
35-00 - -
01214 - Crash Data for Belt Tensioner Stored
35-00 - -
00588 - Airbag Igniter; Driver Side (N95)
32-10 - Resistance too High - Intermittent
00589 - Airbag Igniter 1; Passenger Side (N131)
29-10 - Short to Ground - Intermittent
00654 - Seat Belt Tensioner Igniter; Driver Side (N153)
32-10 - Resistance too High - Intermittent
00655 - Seat Belt Tensioner Igniter; Passenger Side (N154)

Print Codes

Copy Codes

Save Codes

Clear Codes - 05

Done, Go Back