



User Guide for DS150E with Win7



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MAIN COMPONENTS



Main Components

Bluetooth dongle



Vehicle Communication Interface (V.C.I.)





INSTALLATION INSTRUCTIONS



Laptop/Tablet Specification

- **Recommended:**
- Windows 2000/(XP¹) Win7
- Pentium 800 MHz, or similar
- USB (optional Bluetooth)
- 256 MB internal memory
- 250 MB hard disk space (program size)
- Resolution: 1024x768, High Colour (16 bits)

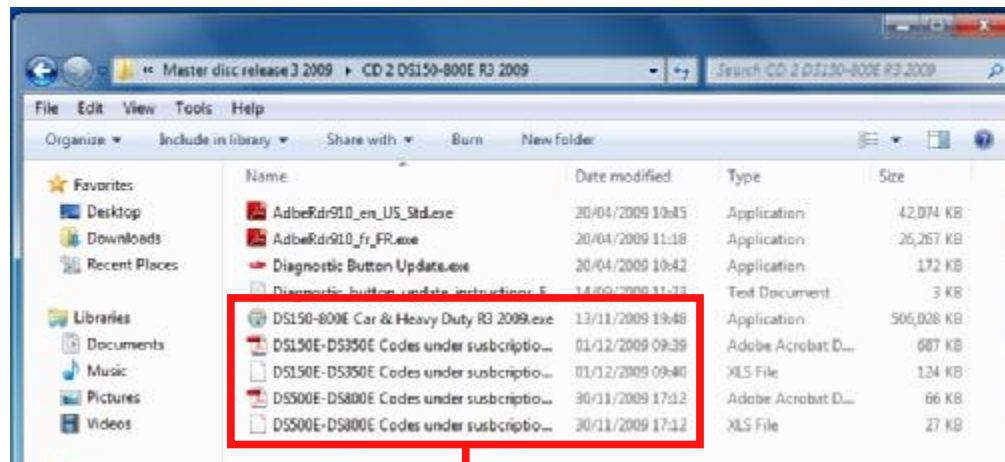
(XP¹) Service Pack 2 or later



DS150E Installation Instructions 1

Introduction: The Rel. 3 software Installation CD1 will load the DS150E diagnostics software.
The Belkin Bluetooth software installs from a separate CD

Instructions: Insert the Delphi Installation CD into the CD Rom drive.
Select Start >> RUN and browse for the DS150E.exe file from the CD inserted
and select OK.

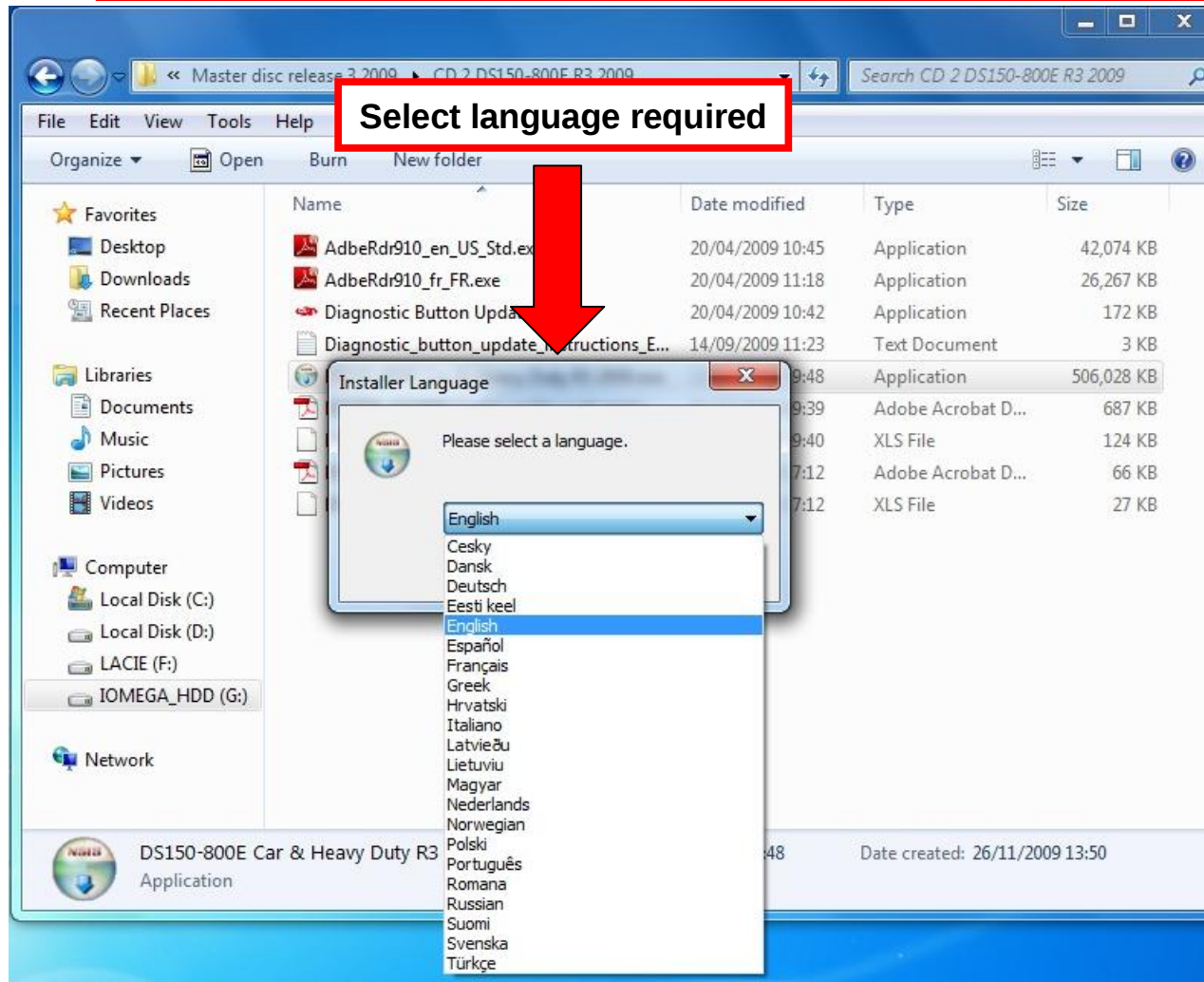


Libraries	DS150-800E Car & Heavy Duty R3 2009.exe	13/11/2009 19:48	Application	506,028 KB
Documents	DS150E-DS350E Codes under susbcriptio...	01/12/2009 09:39	Adobe Acrobat D...	687 KB
Music	DS150E-DS350E Codes under susbcriptio...	01/12/2009 09:40	XLS File	124 KB
Pictures	DS500E-DS800E Codes under susbcriptio...	30/11/2009 17:12	Adobe Acrobat D...	66 KB
Videos	DS500E-DS800E Codes under susbcriptio...	30/11/2009 17:12	XLS File	27 KB

Click OK and the DS150E install will start. Follow the online screen instructions to install the software

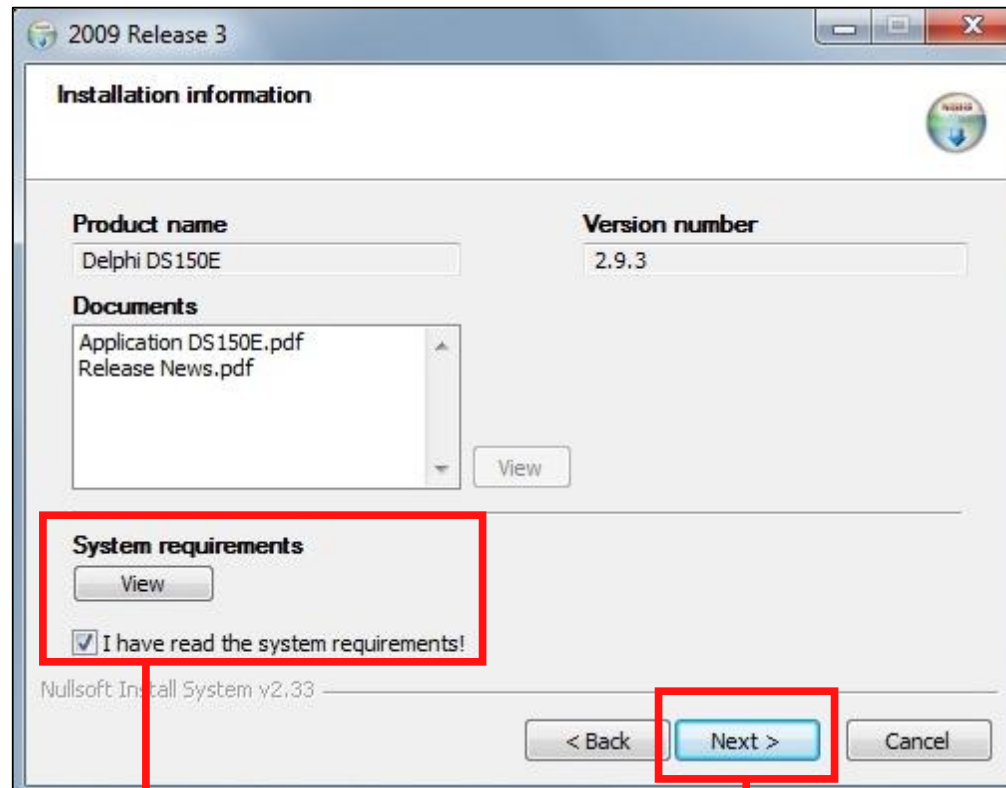


DS150E Installation Instructions 2





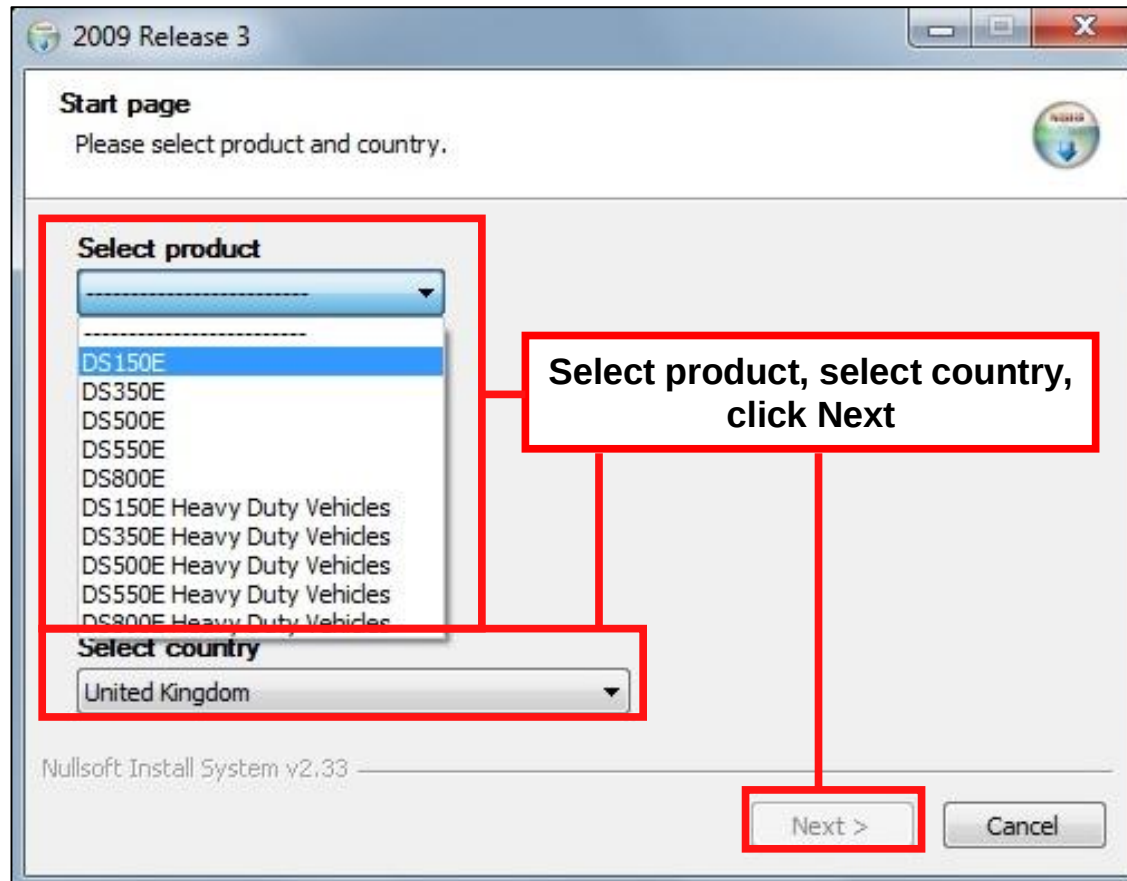
DS150E Installation Instructions 3



View system requirements, tick box, then click next



DS150E Installation Instructions 4



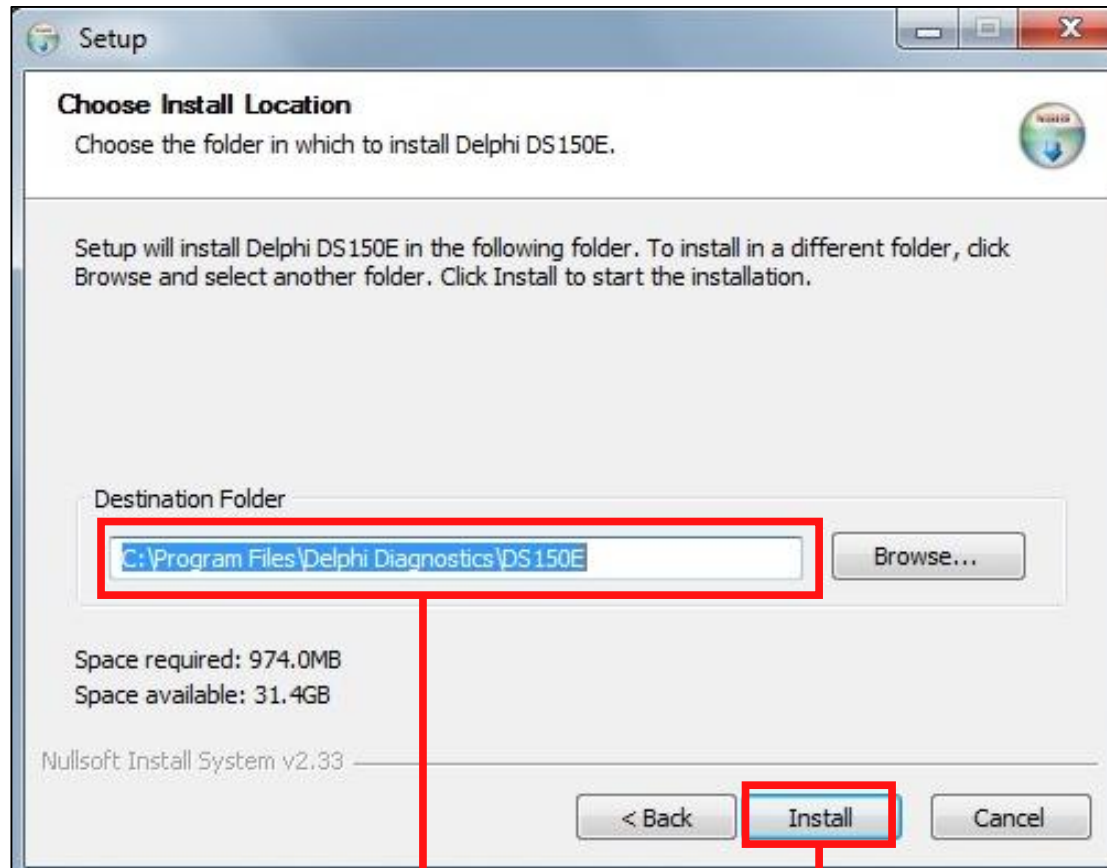


DS150E Installation Instructions 5





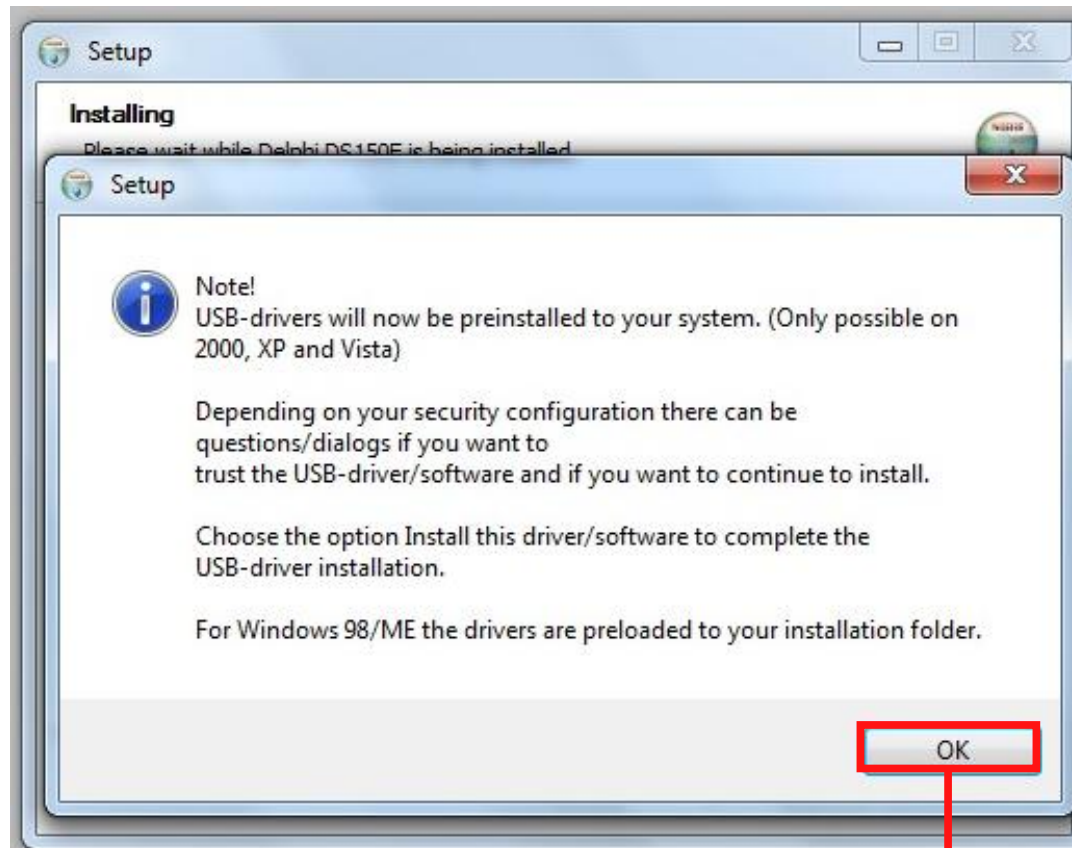
DS150E Installation Instructions 6



Choose location, click install



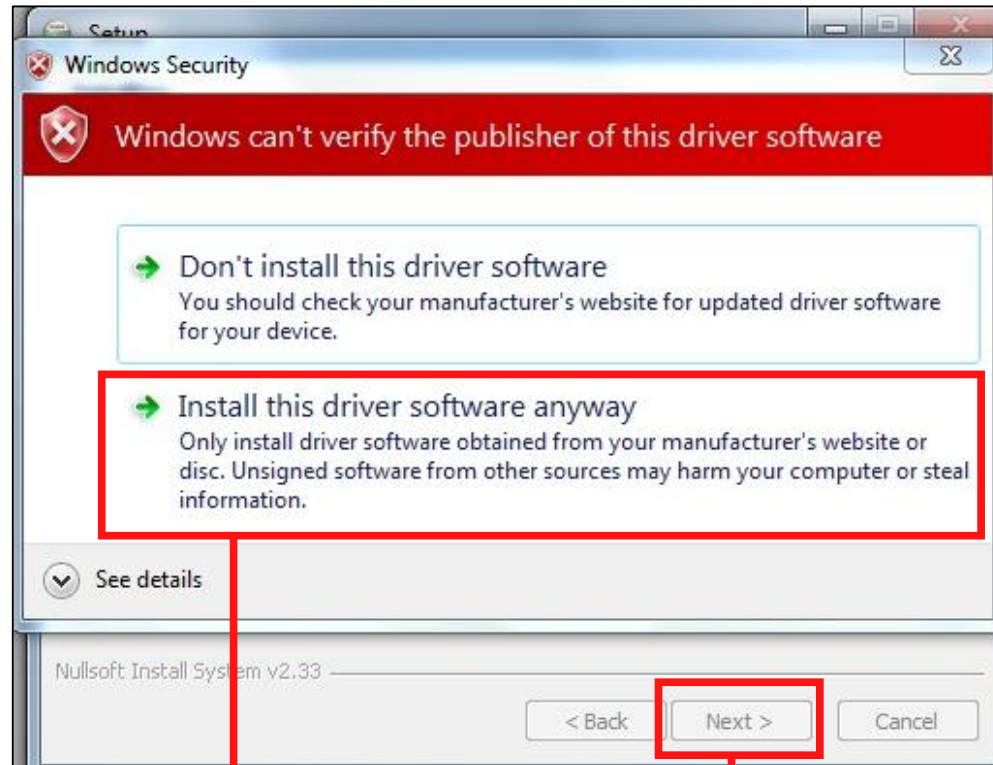
DS150E Installation Instructions 7



Drivers must be installed, click O.K.



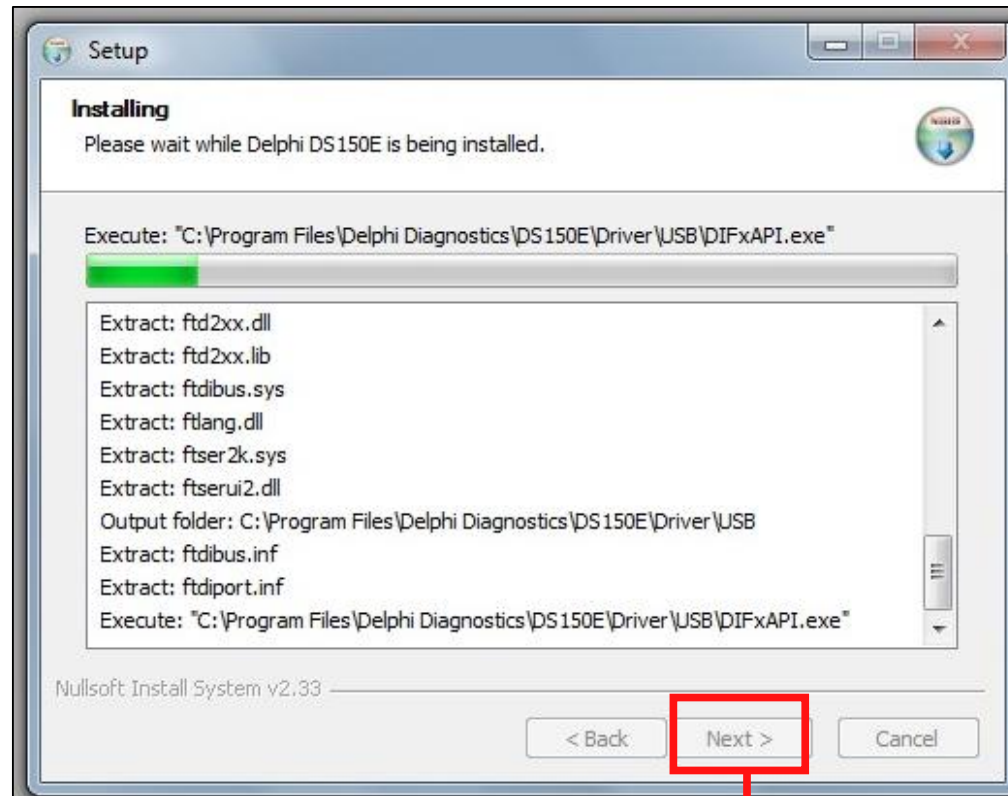
DS150E Installation Instructions 8



Select "Install this driver software anyway", click next



DS150E Installation Instructions 9



When Installation is complete click next



DS150E Installation Instructions 10





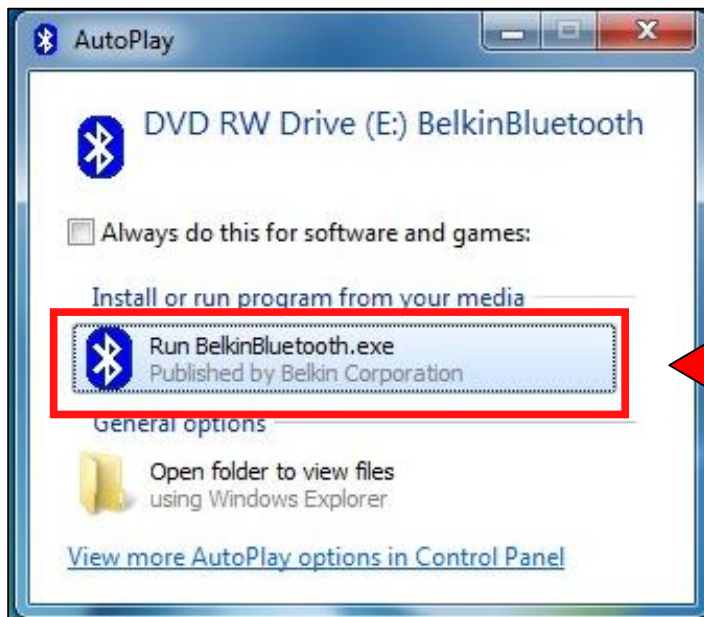
BLUETOOTH INSTALLATION



Bluetooth Installation 1

ATTENTION! If your computer has a Bluetooth facility,
please disable it by referring to your hardware manufacturers manual, before
installing the Belkin software.
The Delphi software is only verified to work with the dongle supplied.

Insert Belkin installation CD into CD drive



Click on Run BelkinBluetooth.exe

DO NOT insert Belkin Dongle until asked to do so



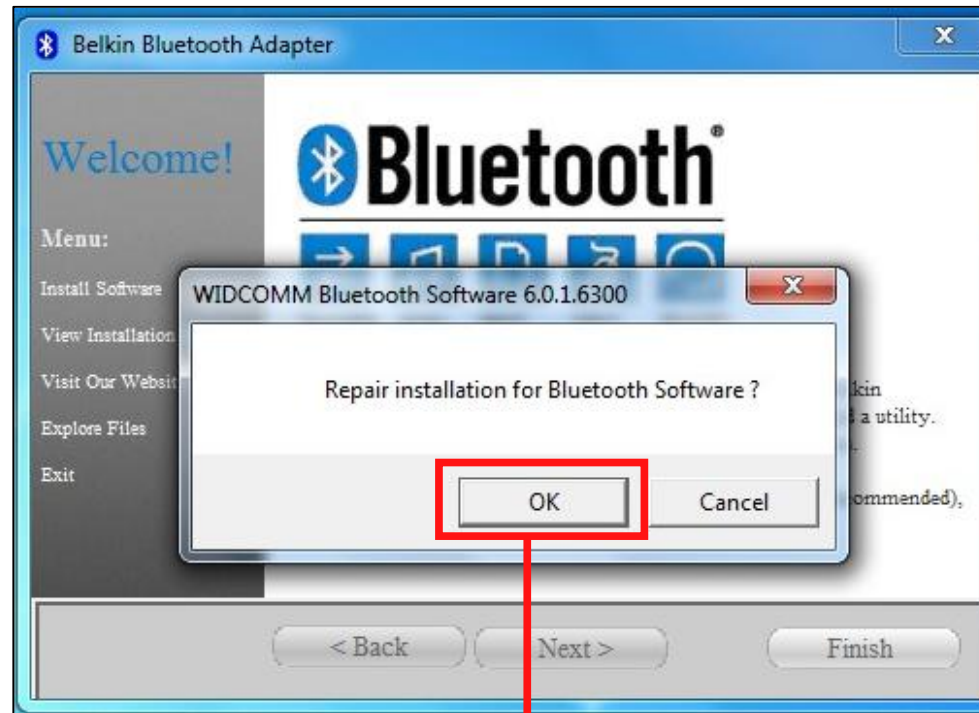
Bluetooth Installation 2



Click "Install Software" and then click next



Bluetooth Installation 3



If your computer has a previous version of Widcomm software installed, this box will appear, click O.K.



Bluetooth Installation 4





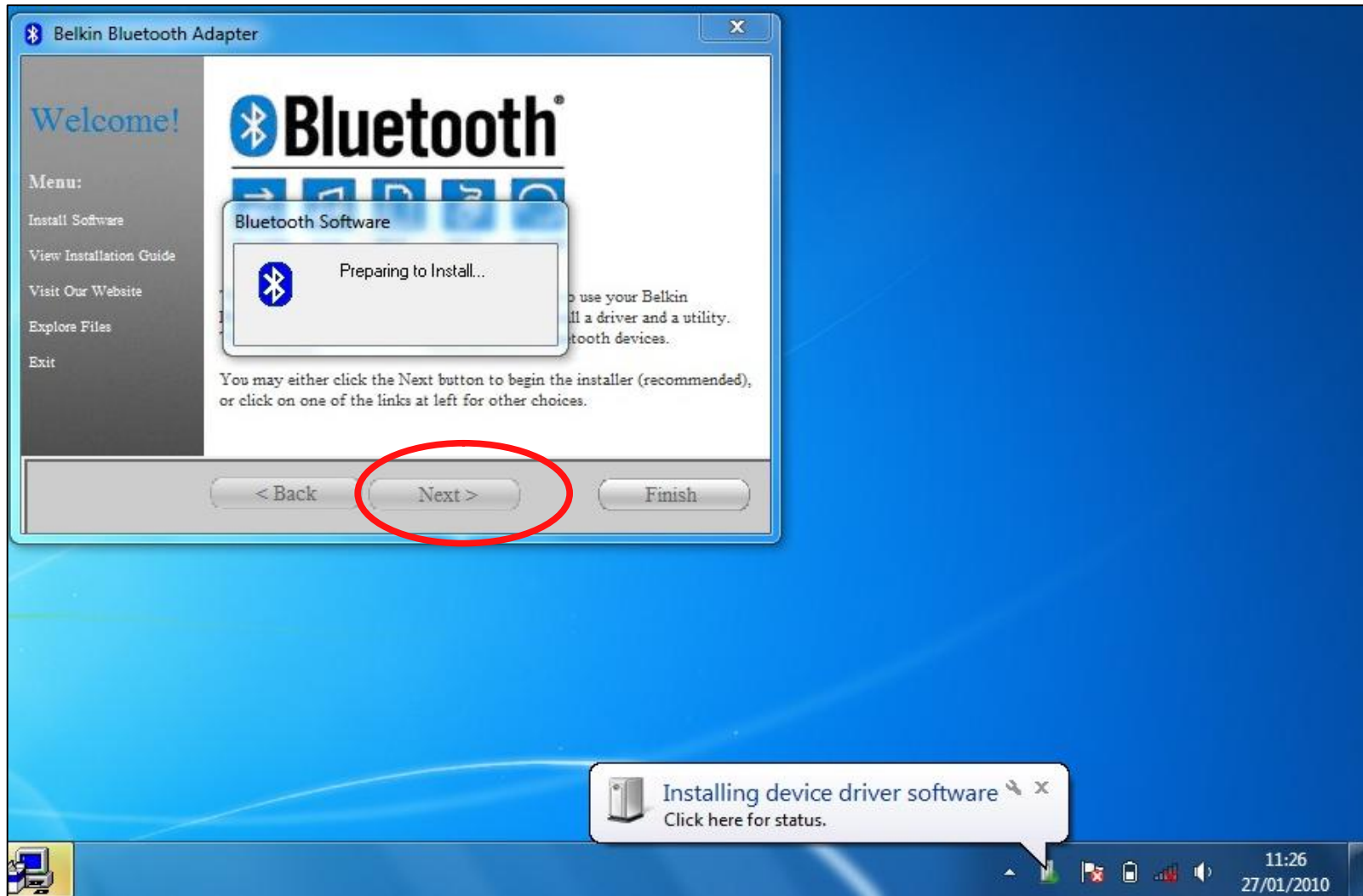
Bluetooth Installation 5



Insert Belkin Dongle into USB port at this point, then click "next"

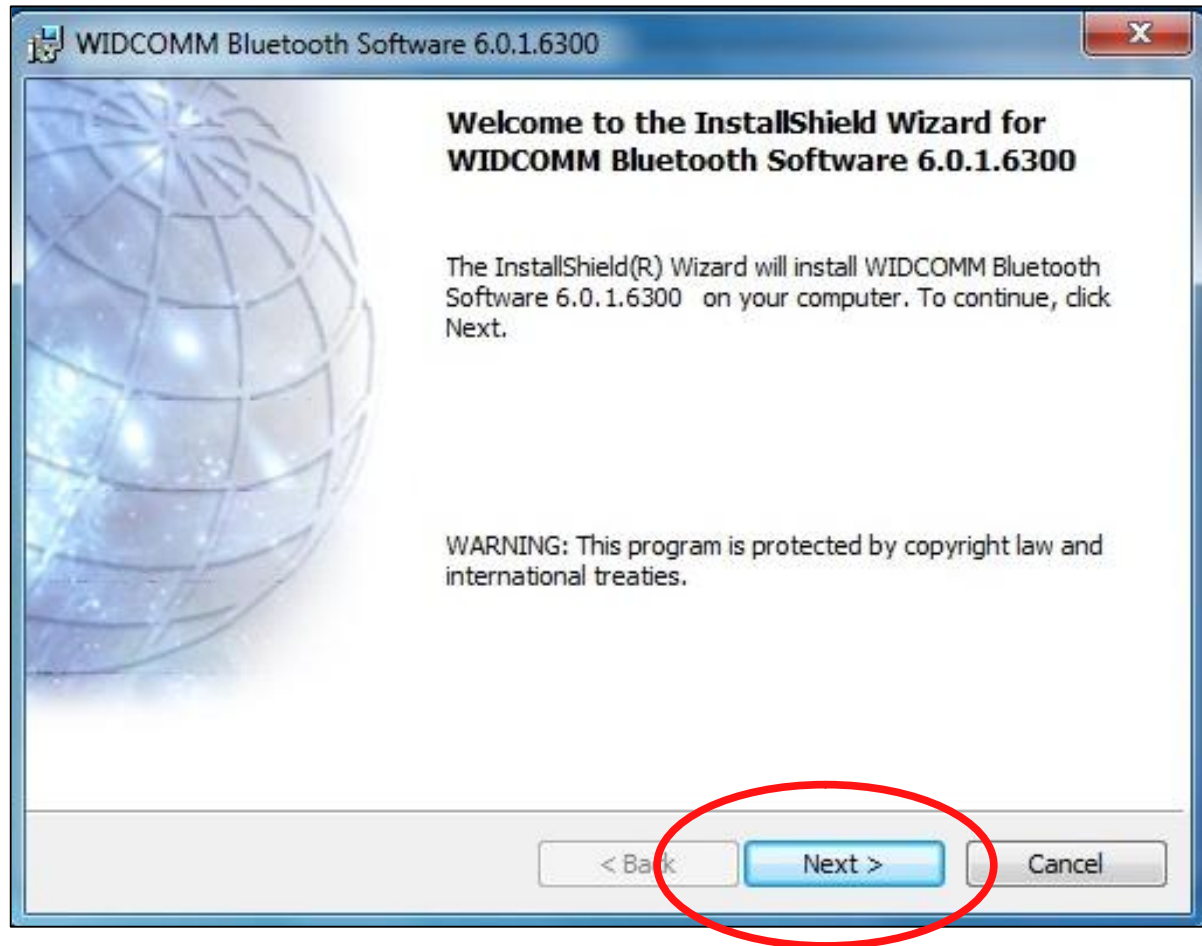


Bluetooth Installation 6





Bluetooth Installation 7





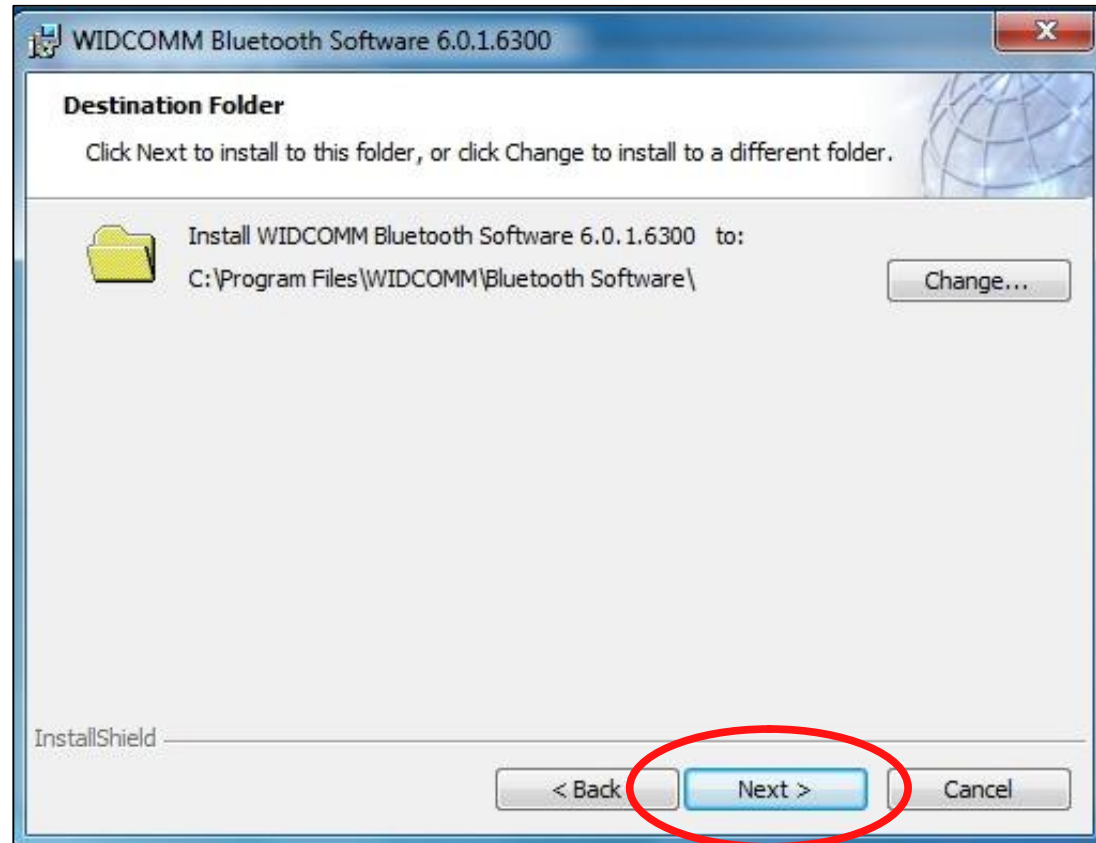
Bluetooth Installation 8



Click to accept terms, then click "next"

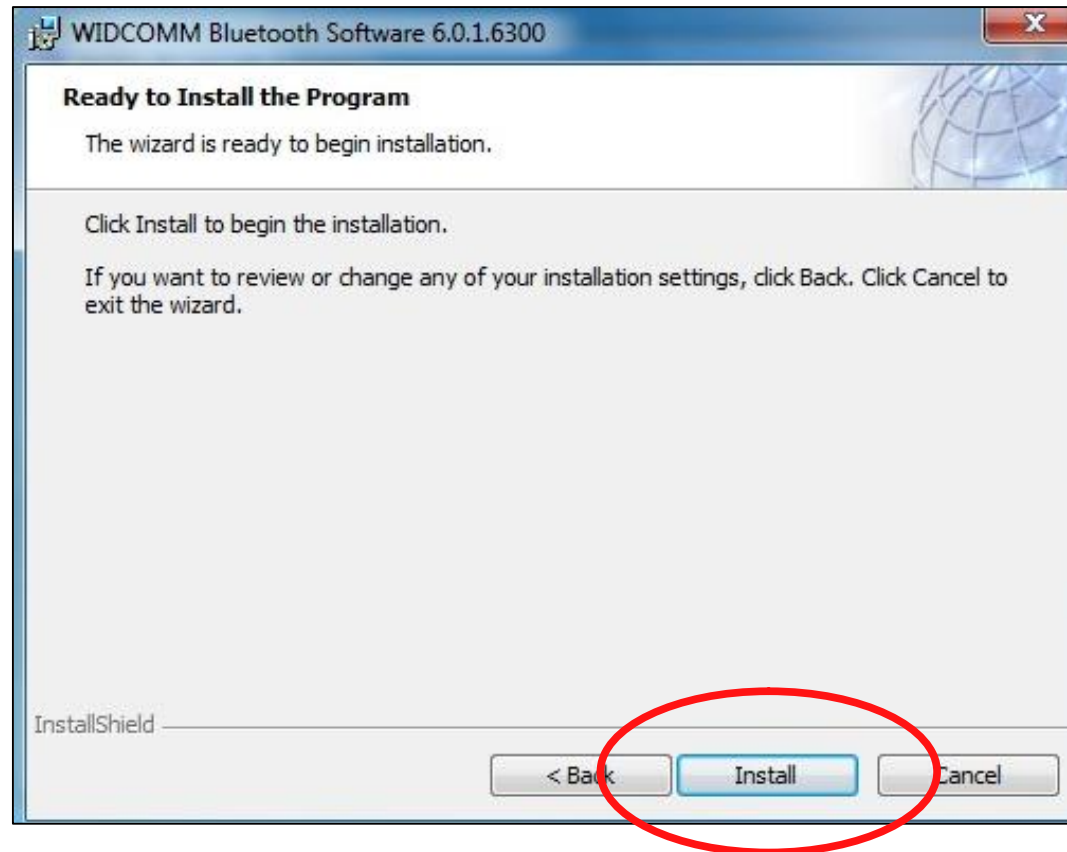


Bluetooth Installation 9



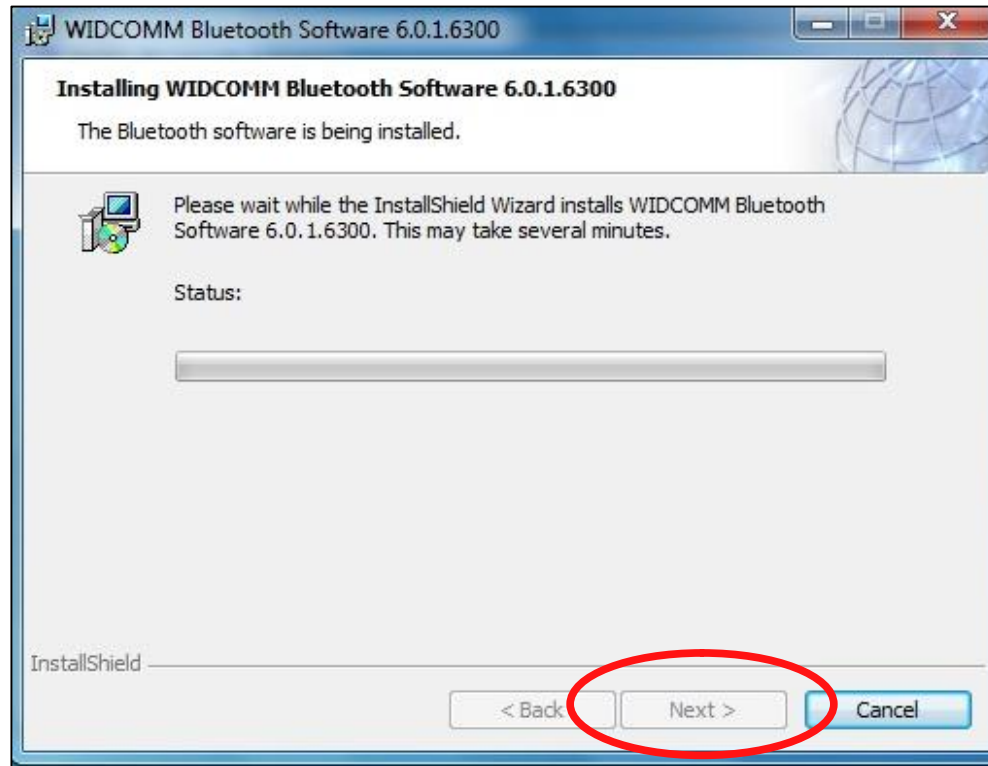


Bluetooth Installation 10





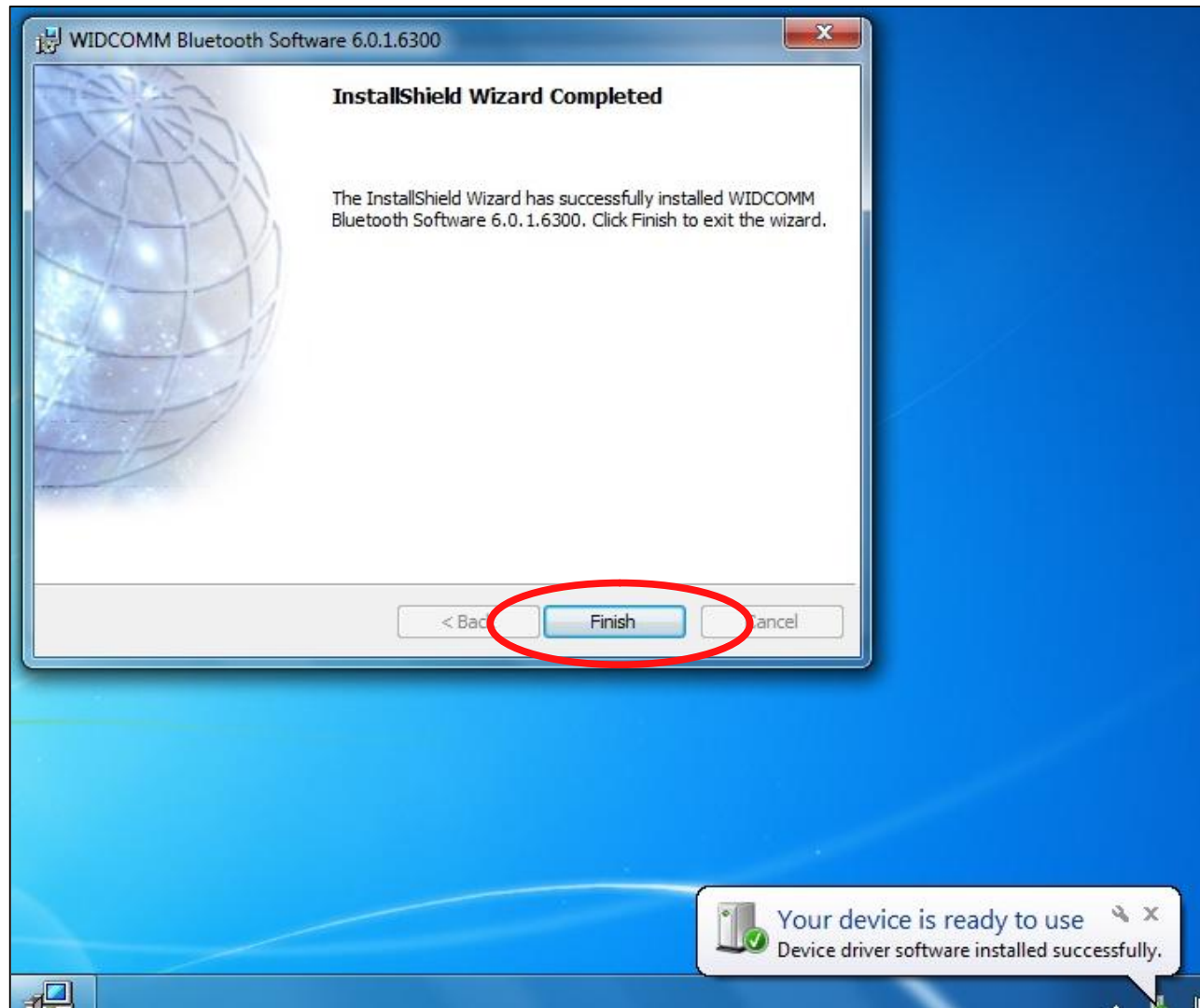
Bluetooth Installation 11



When complete click next



Bluetooth Installation 12

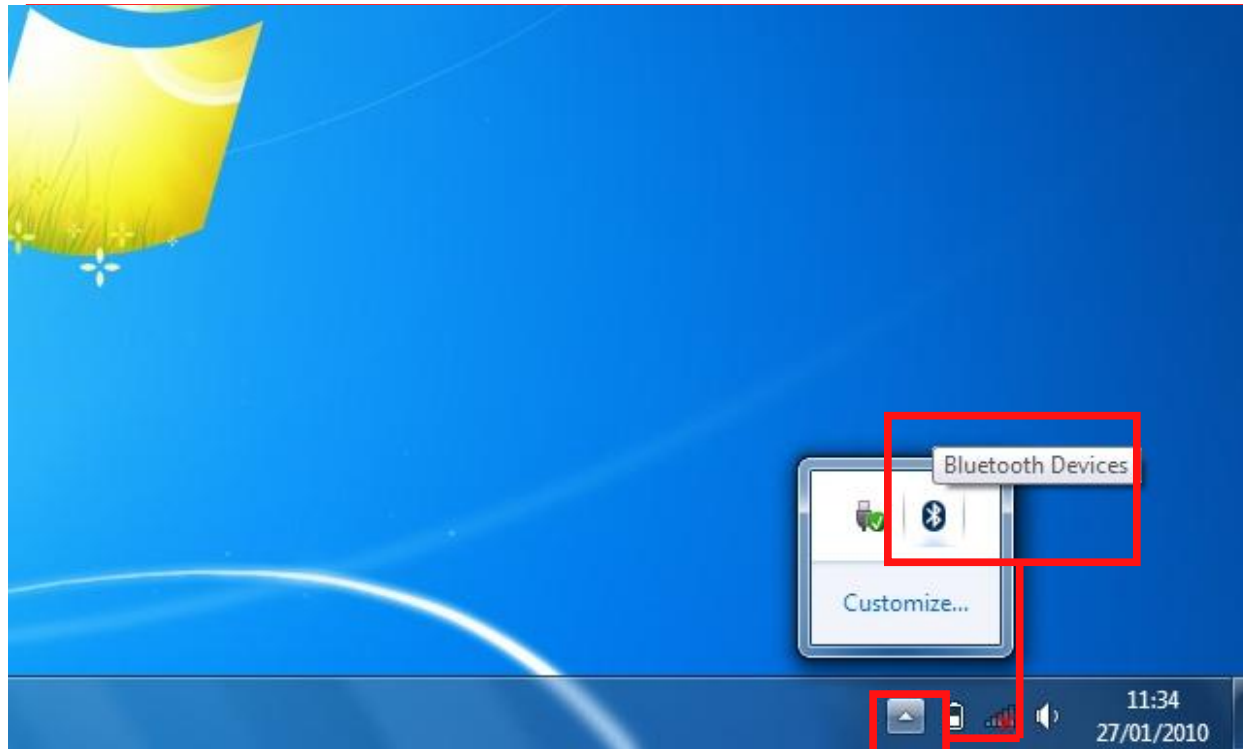




CONFIGURING BLUETOOTH



Configuring the Bluetooth 1

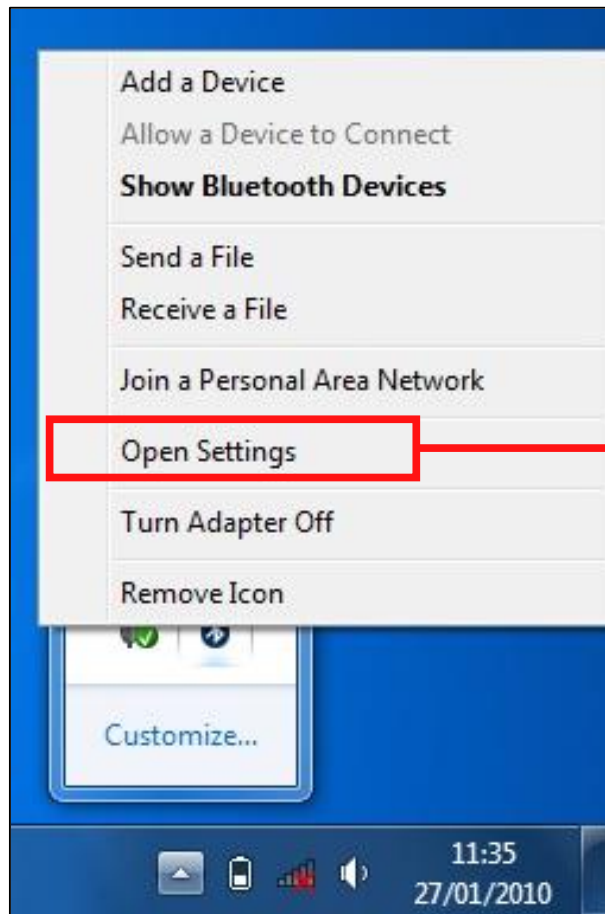


Configuring the Bluetooth

The Bluetooth dongle needs to be setup and the DS150E hardware needs to be paired with the Bluetooth dongle, click the arrow icon to open the box, then click the Bluetooth icon.



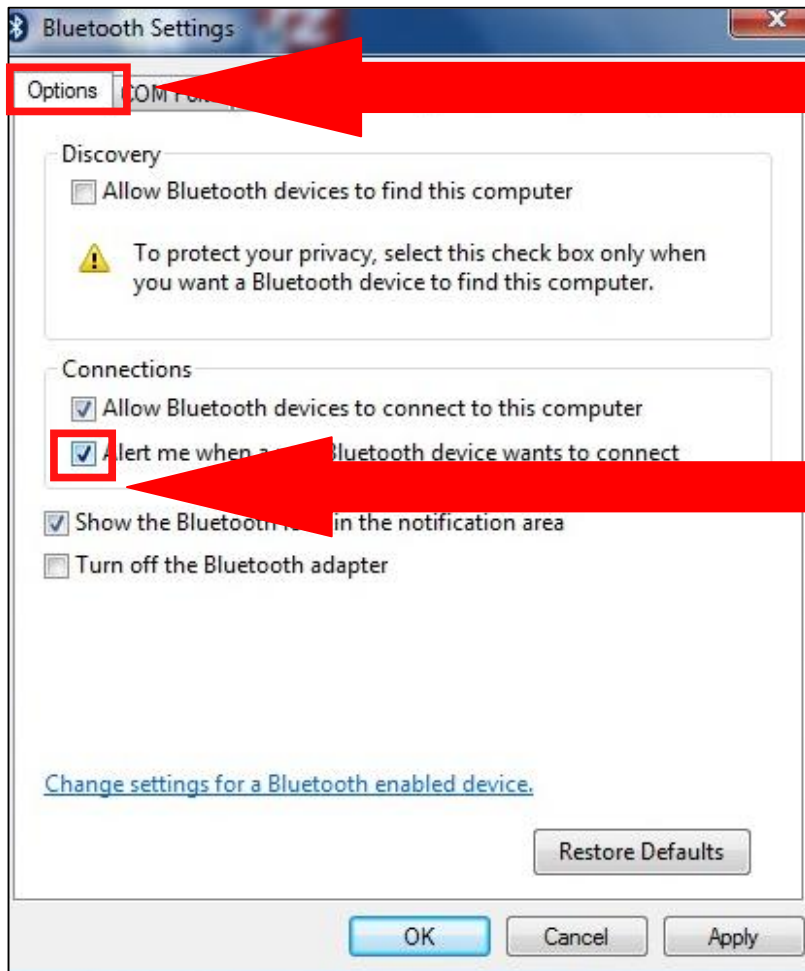
Configuring the Bluetooth 2



Click "Open Settings"



Configuring the Bluetooth 3

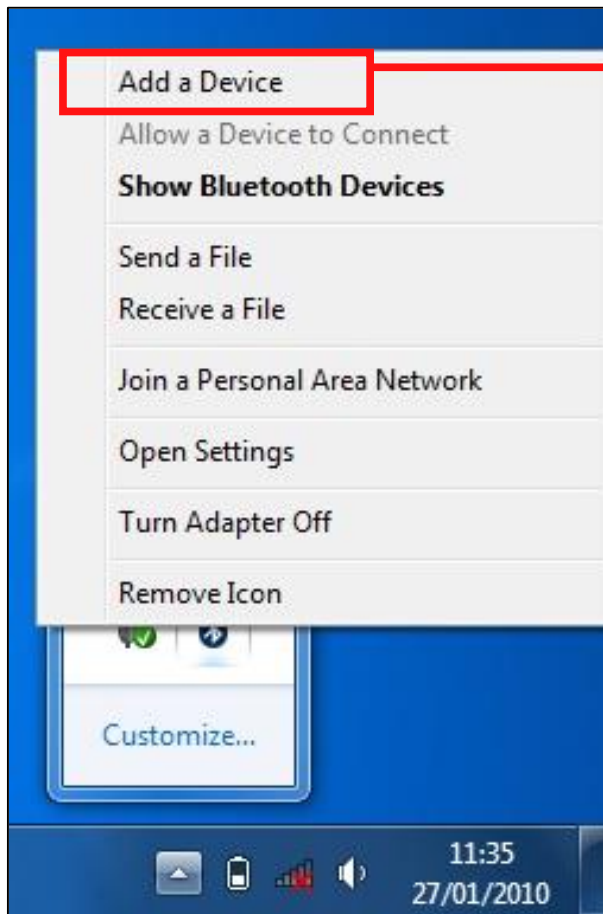


Click options

UNTICK this box



Configuring the Bluetooth 4

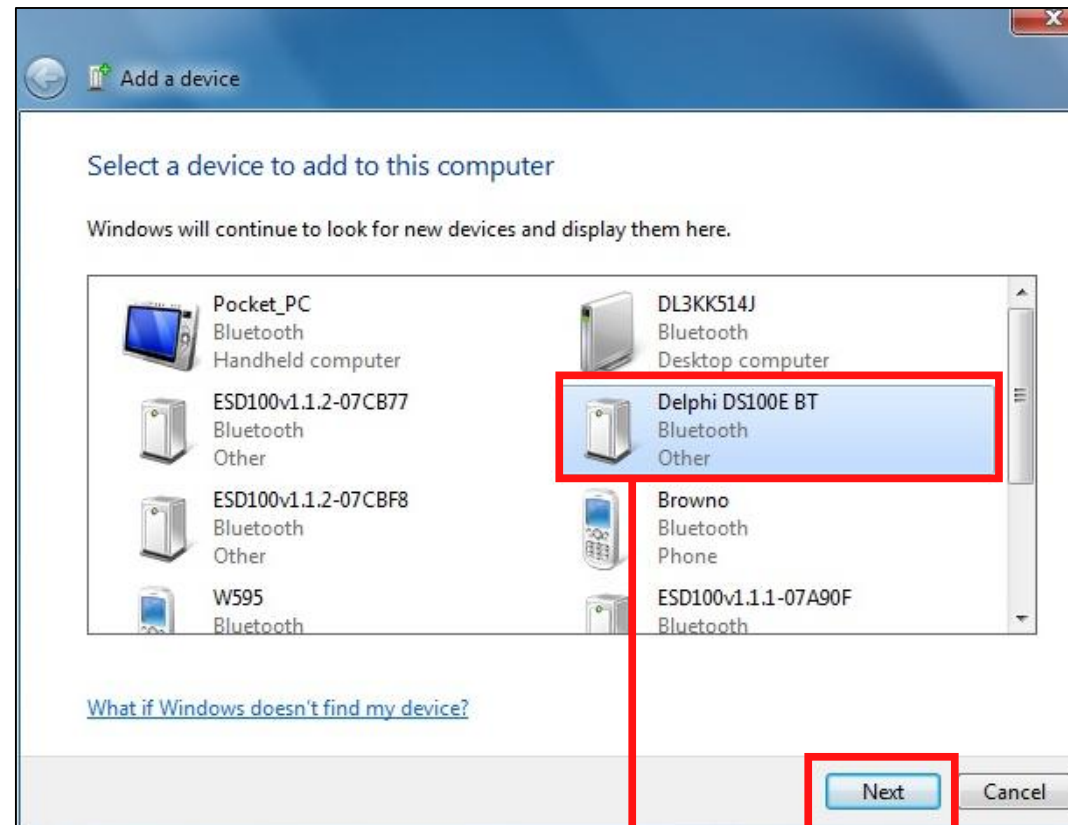


Click "add a device"



Configuring the Bluetooth 5

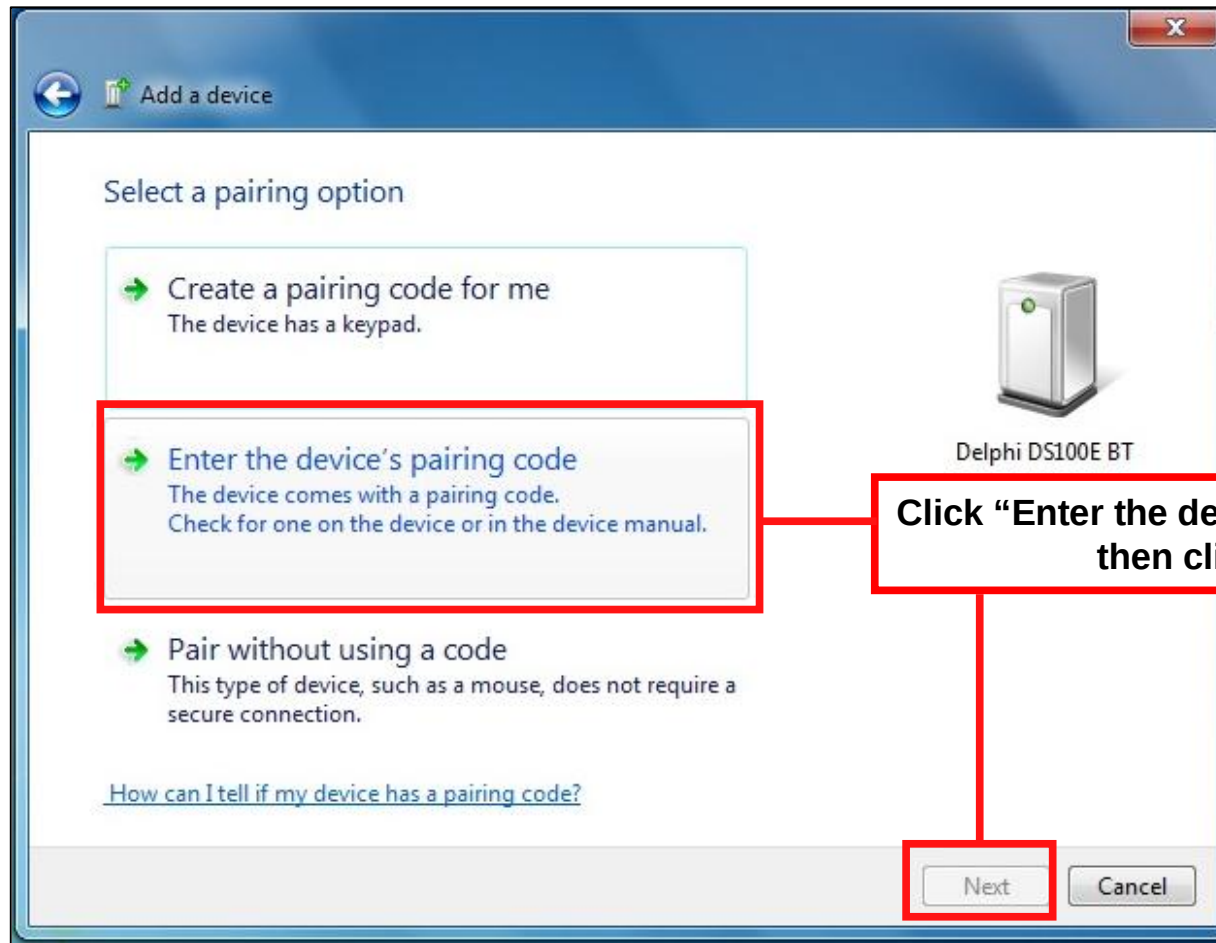
Dongle will search all devices in range NOTE if device has already been loaded it will NOT be displayed below



Select Delphi device, click "next"

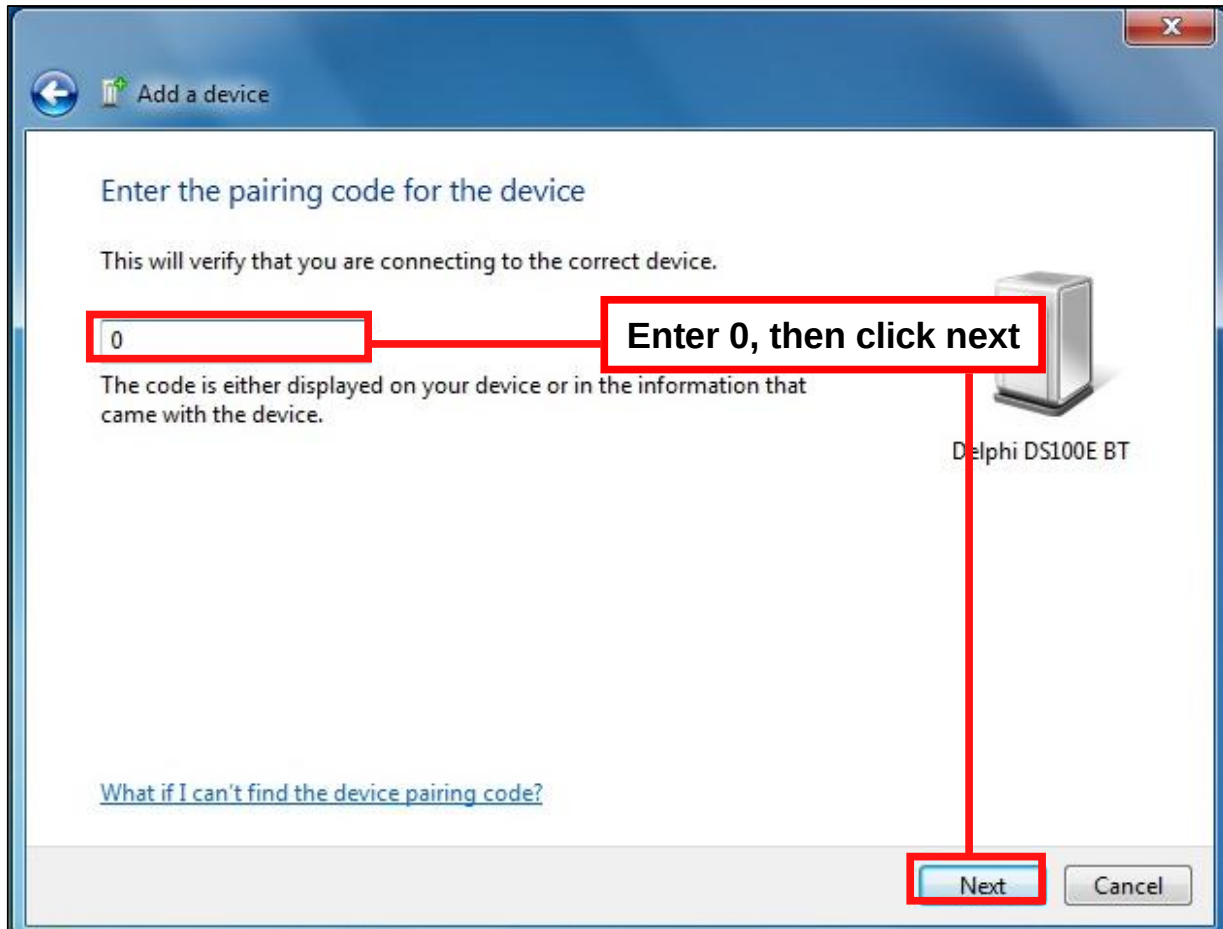


Configuring the Bluetooth 6





Configuring the Bluetooth 7



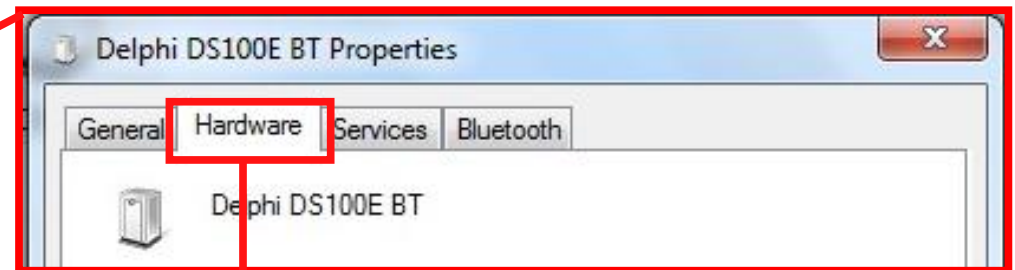
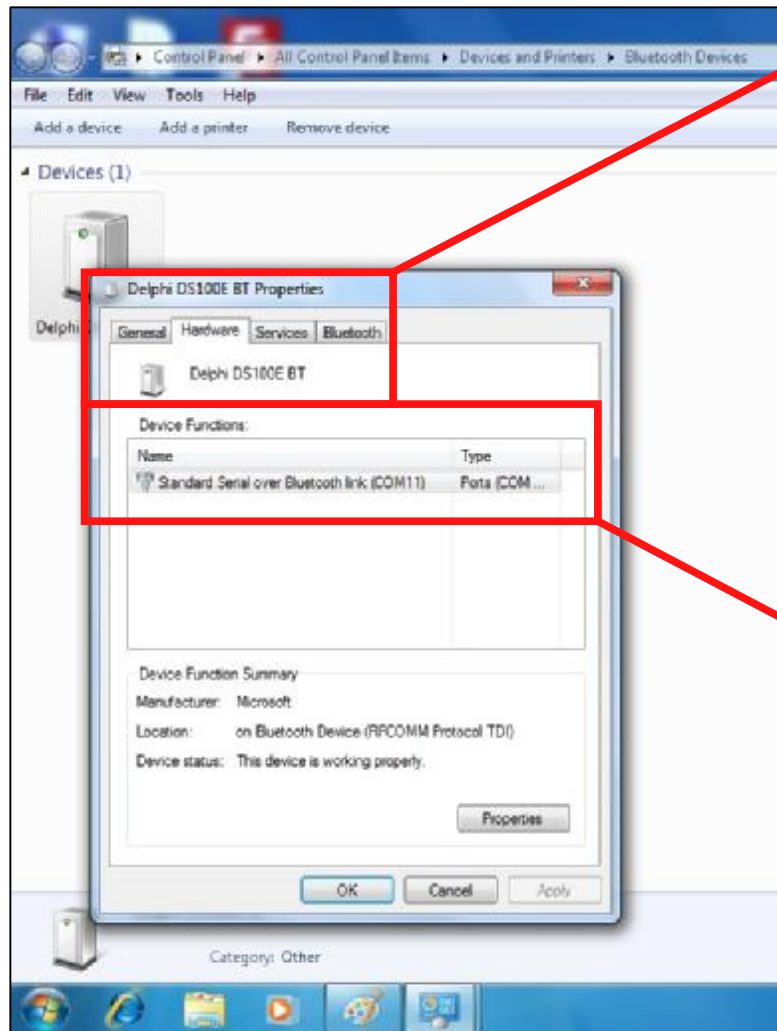


Configuring the Bluetooth 8

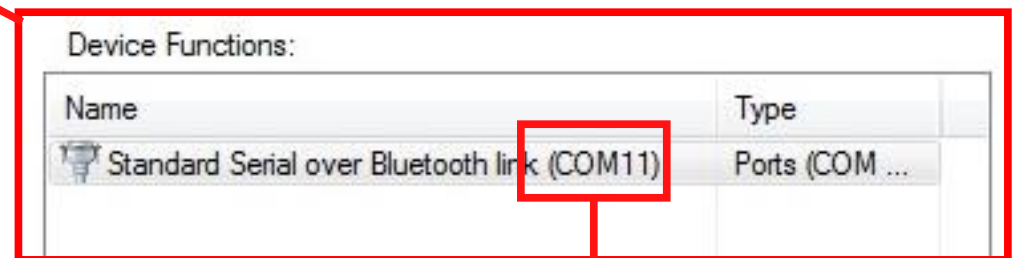




Configuring the Bluetooth 9



Select hardware



Note comport



Configuring the Bluetooth 10

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

Workshop
Language
Hardware setup

Settings

Open Delphi DS150E software, click on settings, then hardware setup

Hardware setup

VCI connection

☒ Automatic
☐ Manually

Search

Update firmware

Update

Select Automatic then click Search Icon, if automatic search fails select "manually"

1. Connect tester to power supply.
2. Press the UPDATE button.

OK Cancel

Ford - Mondeo [00-07] - 200...

Delphi DS150E - 200...

11:56 AM



Configuring the Bluetooth 11

Delphi DS150E - 2009 Release

File Settings Documents

DELPHI

1. B
2. F
3. S

Work: VCI

COM1
COM3
COM6 (BT)
COM9 (BT)
COM11 (BT)
COM21 (BT)
COM22 (BT)
COM23 (BT)
COM26 (BT)
COM27 (BT)

COM1
COM2
COM3
COM4
COM5
COM6
COM7
COM8
COM9
COM10
COM11
COM12
COM13
COM14
COM15
COM16
COM17
COM18
COM19

Test

Update

1. Connect tester to power supply.
2. Press the UPDATE button.

OK Cancel

Saab - 900 - 1995 - B204L - 2.0t - Trionic - MT/AT

Delphi DS150E - 200... AutoPlay 01:32 PM

Ensure that com port is identical to the port quoted in page 39, if not select the correct port from the drop down menu. Bluetooth configuration is then complete. Click "OK", or update to update firmware.



DIAGNOSTIC PROGRAM

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

1. Select vehicle

Brand	Model	Year model
Ferrari	Ka	2007 (VIN 11 = 6)
Fiat	Maverick	2006 (VIN 11 = 6)
Ford	Mondeo [00-07]	2005 (VIN 11 = 5)
Honda	Mondeo [07-]	2004 (VIN 11 = 4)

2. Select system

Type of system	Engine code	System
Fuel/Ignition	CGBB 1.8L CLRA 1.8L	Duratec-HE
Diesel		
ABS		
Instrument		

3. Select options

Gearbox	Equipment
MT	
AT	

Ford - Mondeo [00-07] - 2007 - CGBB - Duratec-HE - MT

Release News.pdf - ... Delphi DS150E - 200... 03:59 PM



FILE

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

Open saved test

Exit

Opens any saved documents in report folder

1. Select vehicle

Brand	Model	Year model
Fiat	Ka	2007 (VIN 11 = 6)
Ford	Maverick	2006 (VIN 11 = 6)
Honda	Mondeo [00-07]	2005 (VIN 11 = 5)
Hyundai	Mondeo [07-]	2004 (VIN 11 = 4)

2. Select system

Type of system	Engine code	System
Fuel/Ignition	CHBB 1.8L	Duratec-HE
Diesel	CJBA 2.0L	
ABS	CJBB 2.0L	
Instrument	LCBD 2.5L	

3. Select options

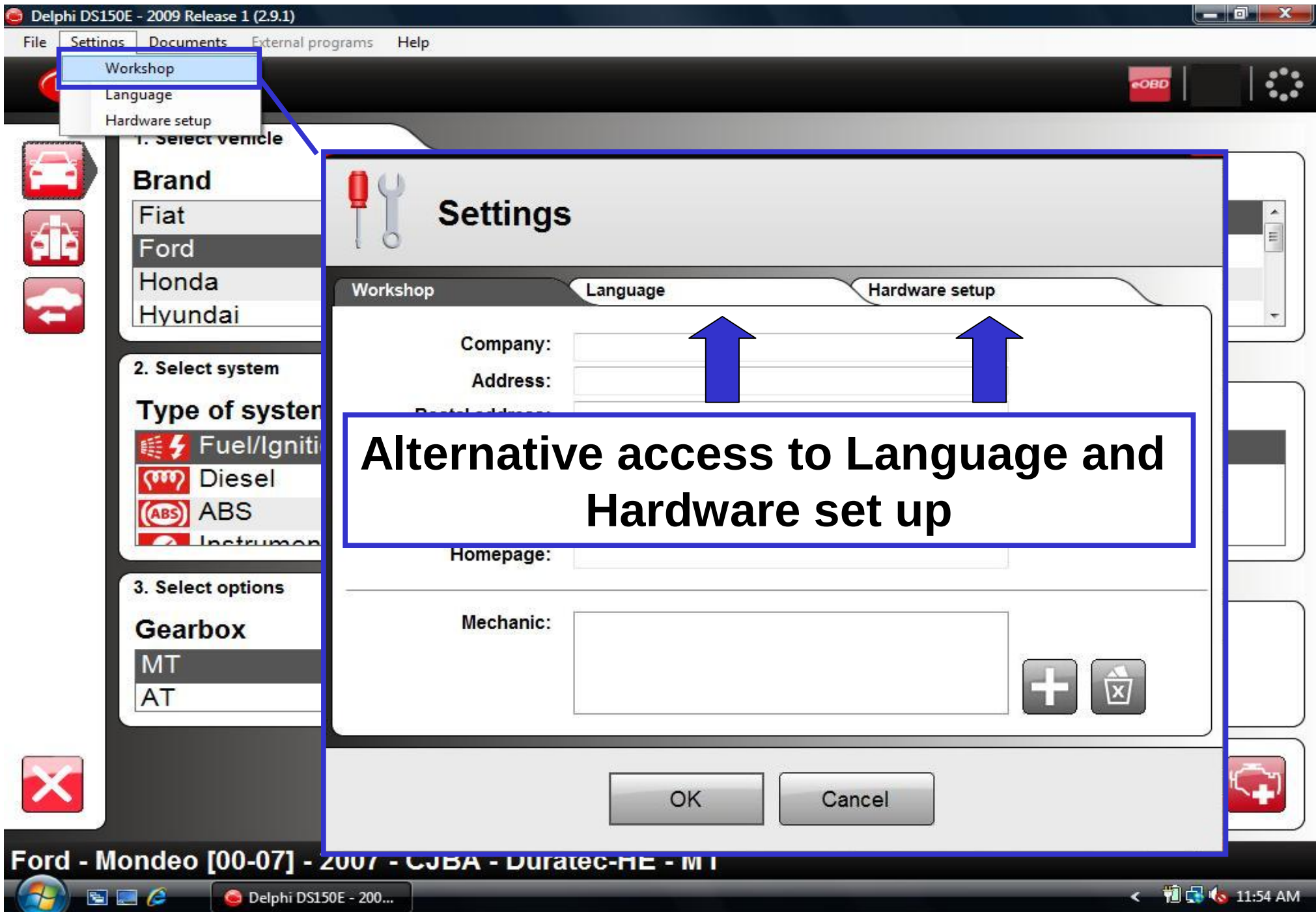
Gearbox	Equipment
MT	
AT	

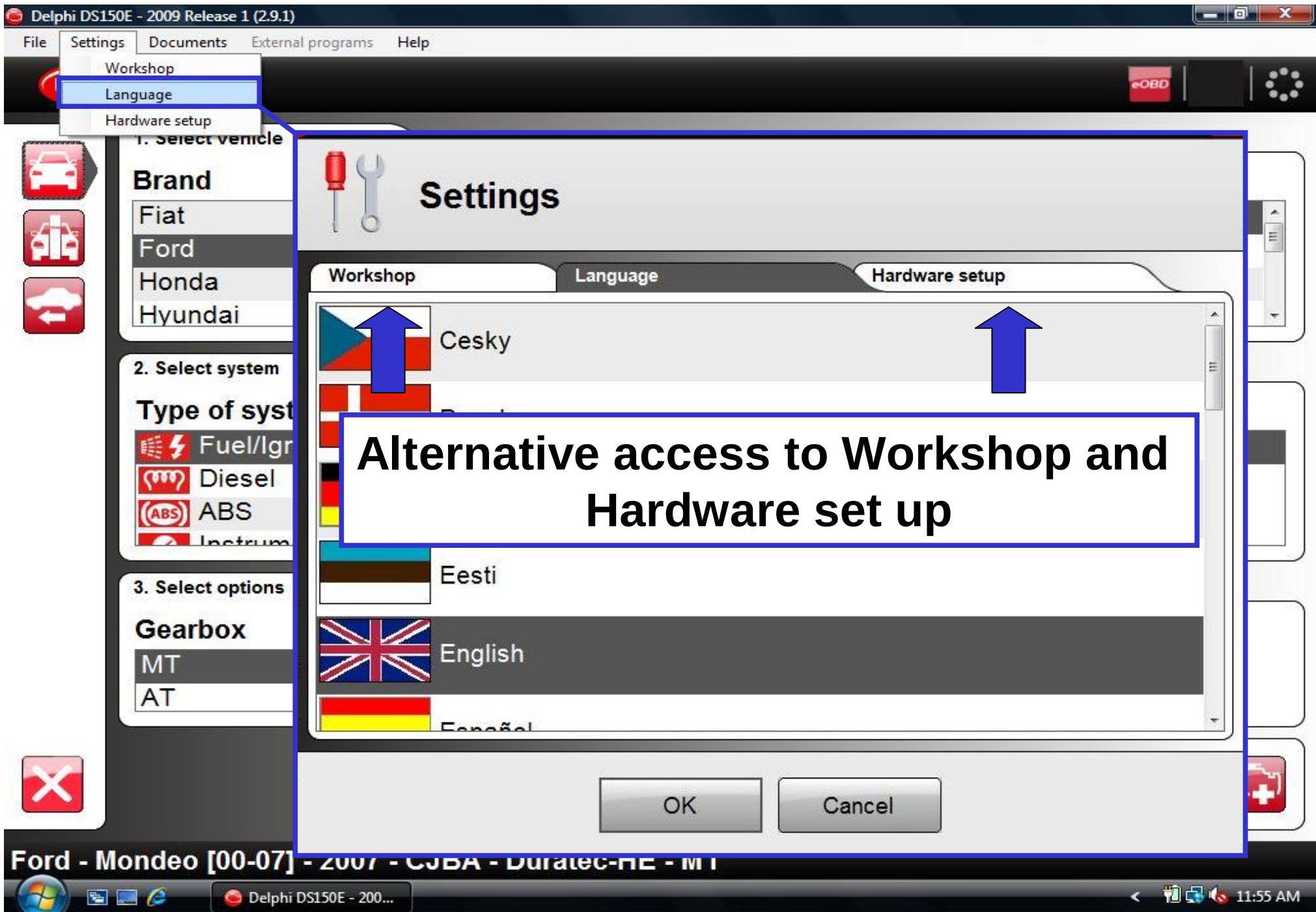
Ford - Mondeo [00-07] - 2007 - CJBA - Duratec-HE - MT

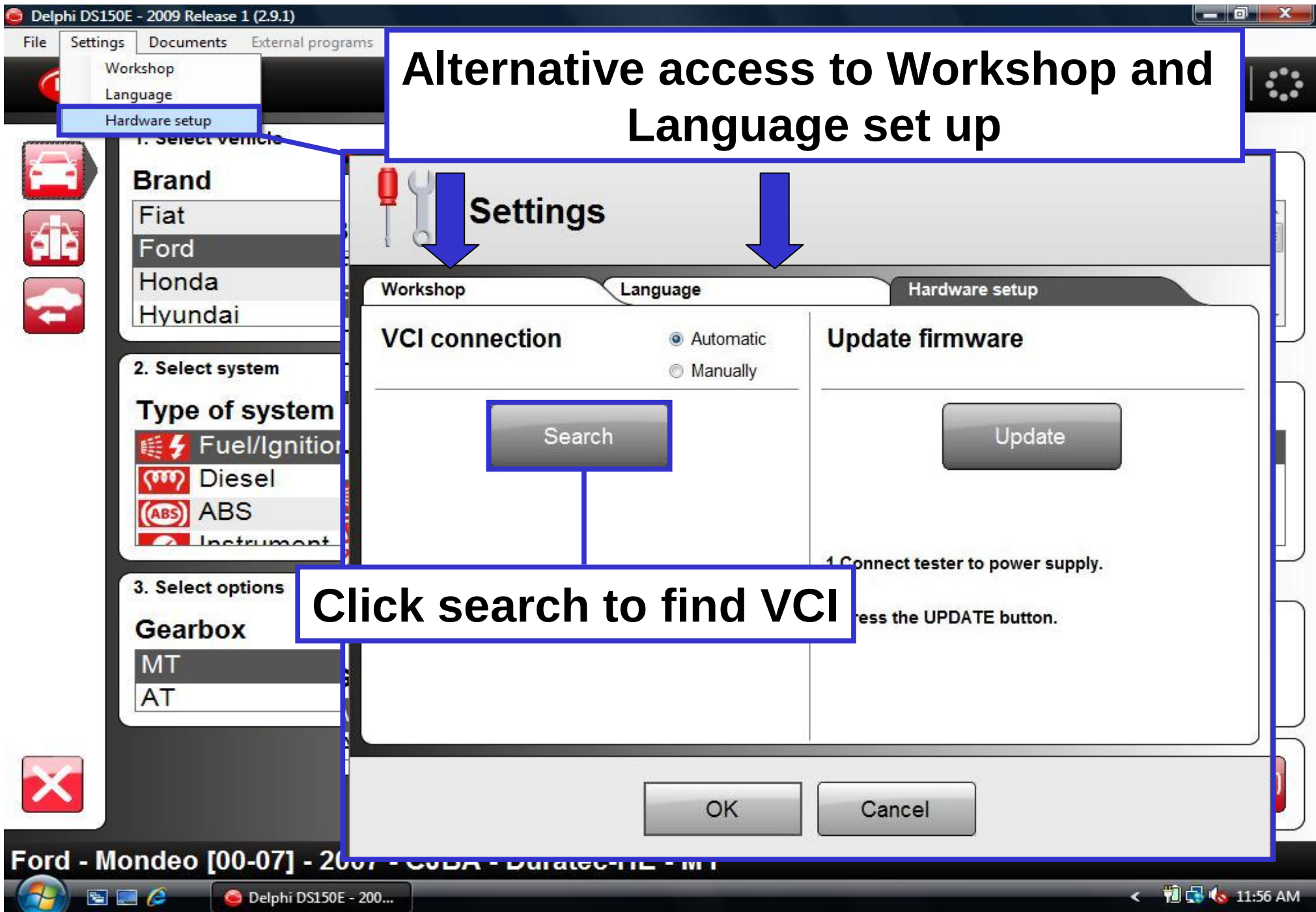
Delphi DS150E - 200... Release News.pdf - ... 11:51 AM

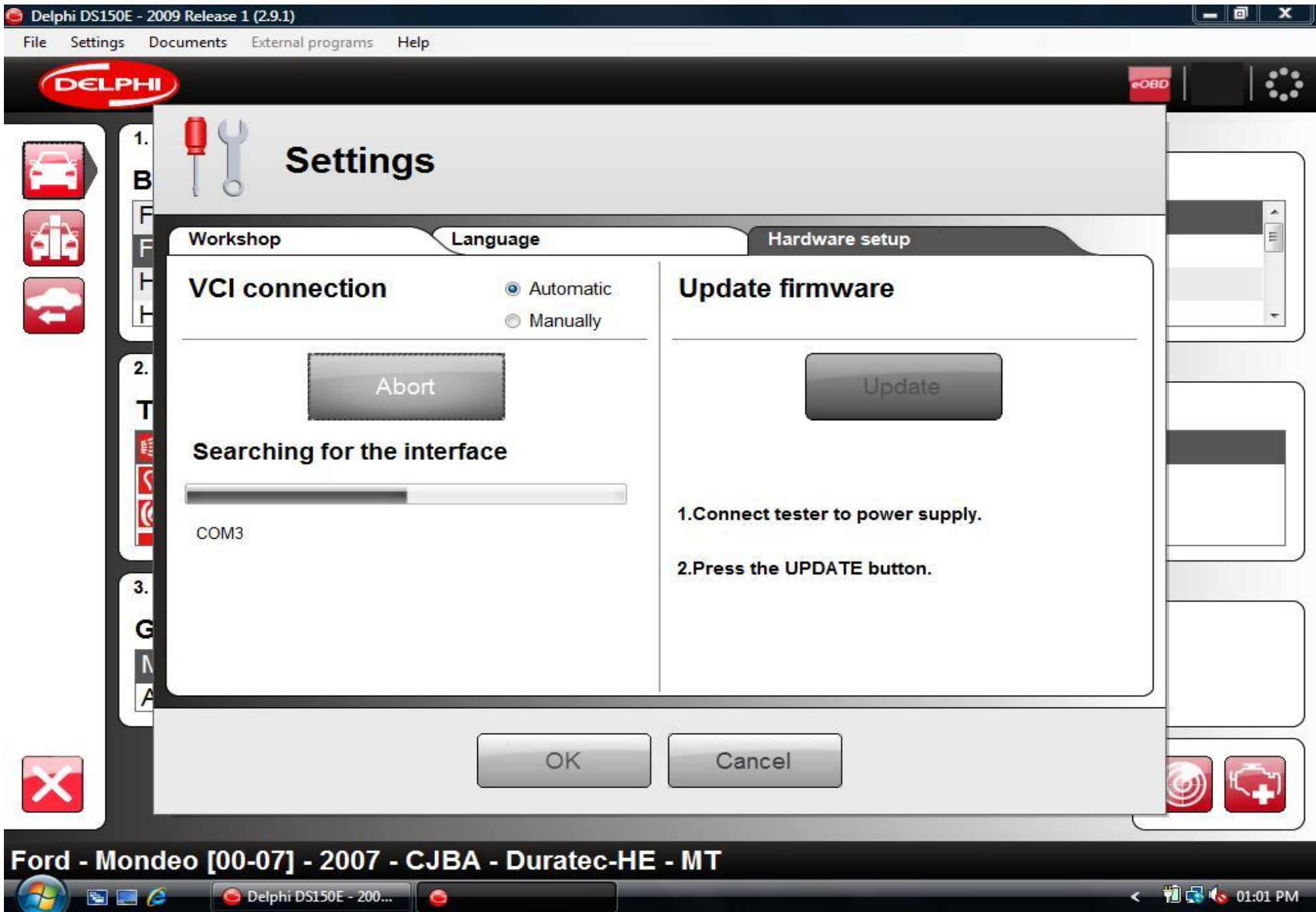


SETTINGS









Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

Settings

1. Workshop Language Hardware setup

VCI connection ☒ Automatic ☐ Manually

2. **Update firmware**

Search

Successful

COM29

Hardware:	DS800E
Serial:	30920
Generic OBD:	207
Firmware-version:	1190

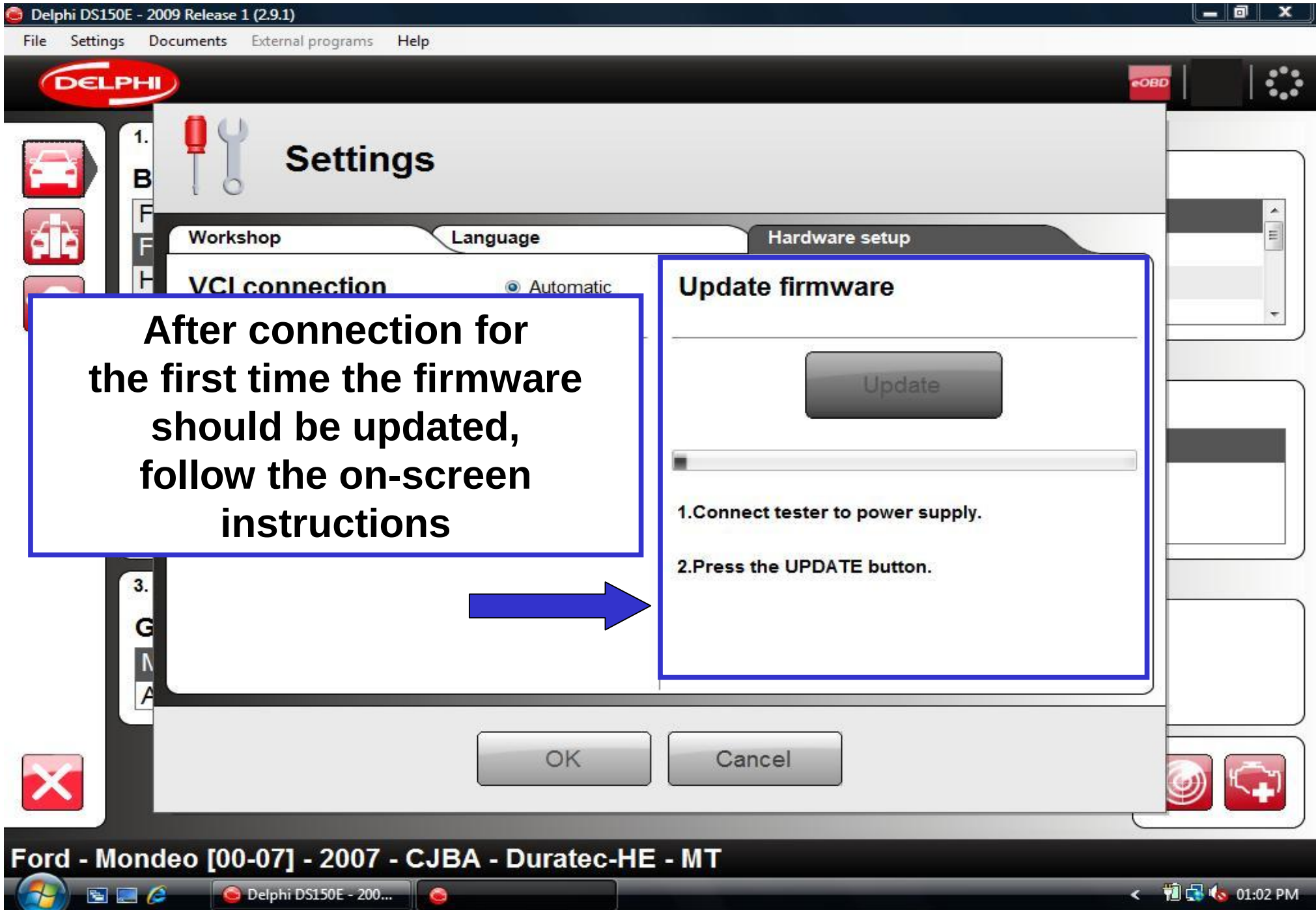
2. Press the

OK Cancel

A successful connection will result in the comport number, serial number of the VCI and firmware version being displayed

Lotus - 2 Eleven - 2008 - [All engines] - Supporting EOBD/OBDII - MT/AT

Delphi DS150E - 200... 02:12 PM



Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

Settings

1. B
L
L
L
M

2. T

Workshop Language Hardware setup

VCI connection

☒ Automatic
☐ Manually

Search

Successful

COM29

Hardware:	DS800E
Firmware-version:	1190

Update firmware

Update

When completed click O.K. → **Update finished!**

OK Cancel

Lotus - 2 Eleven - 2008 - [All engines] - Supporting EOBD/OBDII - MT/AT

Delphi DS150E - 200... 02:25 PM



DOCUMENTS

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

Application DS150E.pdf
Notes.rtf
Release News.pdf
System requirements.txt

Brand Model Year model

Land Rover 2 Eleven 2008

Documents External programs

Application DS500E.pdf
Notes.rtf
Release News.pdf
System requirements.txt

Connects to application file

Opens notepad

Shows release news

3. Select option

Gearbox Equipment

MT/AT

Specifies Computer system requirements

Lotus - 2 Eleven - 2008 - [All engines] - Supporting EOBD/OBDII - MT/AT

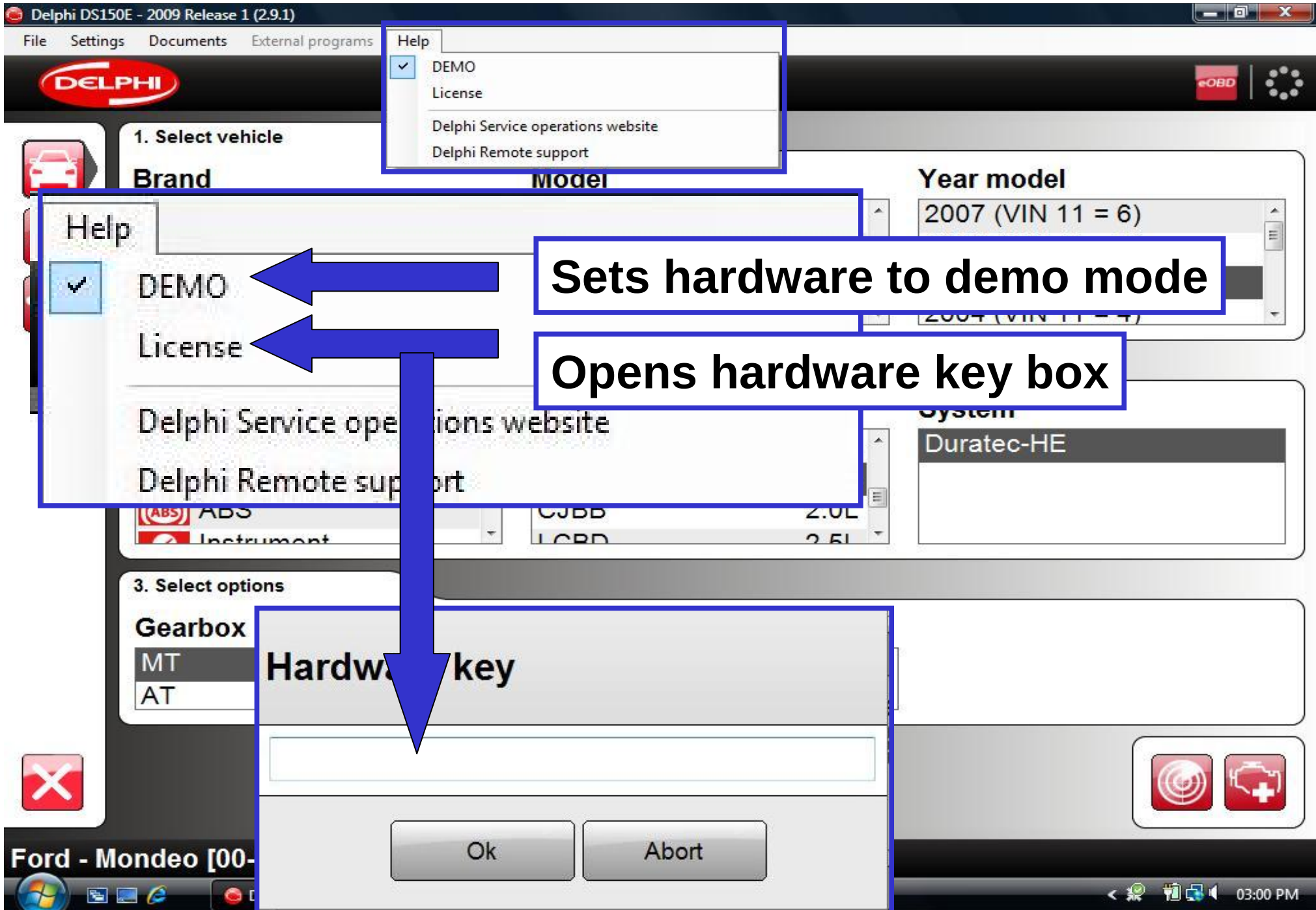
Delphi DS150E - 200...

03:18 PM

The image is a screenshot of the Delphi DS150E software interface, version 2.9.1. The window title is "Delphi DS150E - 2009 Release 1 (2.9.1)". The menu bar includes "File", "Settings", "Documents", "External programs", and "Help". The "Documents" menu is open, showing a list of files: "Application DS150E.pdf", "Notes.rtf", "Release News.pdf", and "System requirements.txt". The main interface has several input fields: "Brand" (Land Rover), "Model" (2 Eleven), "Year model" (2008), "Engine code", "System", "Gearbox" (MT/AT), and "Equipment". There are also icons for "eOBD" and a car. At the bottom, a status bar displays "Lotus - 2 Eleven - 2008 - [All engines] - Supporting EOBD/OBDII - MT/AT". The Windows taskbar at the very bottom shows the "Delphi DS150E - 200..." application icon and the time "03:18 PM".



HELP



Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI

1. Select vehicle

Brand Model

Help

- DEMO
- License
- Delphi Service operations website
- Delphi Remote support

Diesel ABS CJBA CJBB

3. Select Gear MT AT

Ford - Monde

Delphi Europe Service Operations - Windows Internet Explorer

Google 8

Delphi Europe Service Operations

DELPHI

SERVICE OPERATIONS

Europe Delphi SO Home | Contact Europe B-SO | EBS MAP | Search

Map

2.5L

Delphi DS150E - 2009 Release 1 (2.9.1)

Delphi Europe Service Operations

INTER-TEL

Remote Support

Choose a Queue

Queue	Status	Action
English_Speaking	Open	Click HERE to Join Queue
Assistance_Materiel_France	Open	Click HERE to Join Queue
Spanish_Speaking	Open	Click HERE to Join Queue
Delphi_Diesel	Open	Click HERE to Join Queue
Assistance_techique_France	Closed	Click HERE to Send Email

03:00 PM



OBD COMMUNICATION

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

1. Select vehicle

Brand	Model	Year model
Ferrari	Ka	2007 (VIN 11 = 6)
Fiat	Maverick	2006 (VIN 11 = 6)
Ford	Mondeo [00-07]	2005 (VIN 11 = 5)
Honda	Mondeo [07-]	2004 (VIN 11 = 4)

2. Select system

Type of system	Engine code	System
Fuel/Ignition	[All engines]	Duratec-HE
D		
(ABS) A		
Instrument	CGBB	1.8L

3. Select options

Gearbox	Equipment
MT	
AT	

Select Brand, Model and model year

Ford - Mondeo [00-07] - 2007 - CGBB - Duratec-HE - MT

Release News.pdf - ... Delphi DS150E - 200... 03:59 PM

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

1. Select vehicle

Brand	Model	Year model
Ferrari	Ka	2007 (VIN 11 = 6)
Fiat	Maverick	2006 (VIN 11 = 6)
Ford	Mondeo [00-07]	2005 (VIN 11 = 5)
Honda	Mondeo [07-]	2004 (VIN 11 = 4)

2. Select system

Type of system	Engine code	System
Fuel/Ignition	[All engines]	Duratec-HE
Diesel	CGBA 1.8L	
ABS	CGBB 1.8L	
Instrument	CGBA 1.8L	

3. Select options

Gearbox

MT
AT

Select type of system and engine code

Ford - Mondeo [00-07] - 2007 - CGBB - Duratec-HE - MT

Windows taskbar: Release News.pdf - ... Delphi DS150E - 200... 03:59 PM

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

1. Select vehicle

Brand	Model	Year model
Ferrari	Ka	2007 (VIN 11 = 6)
Fiat	Maverick	2006 (VIN 11 = 6)
Ford	Mondeo [00-07]	2005 (VIN 11 = 5)
Honda	Mondeo [07-]	2004 (VIN 11 = 4)

2. Select system

System	Engine	Volume
Diesel	CGBA	1.8L
ABS	CGBB	1.8L
Instrum	CGBA	1.8L

3. Select option

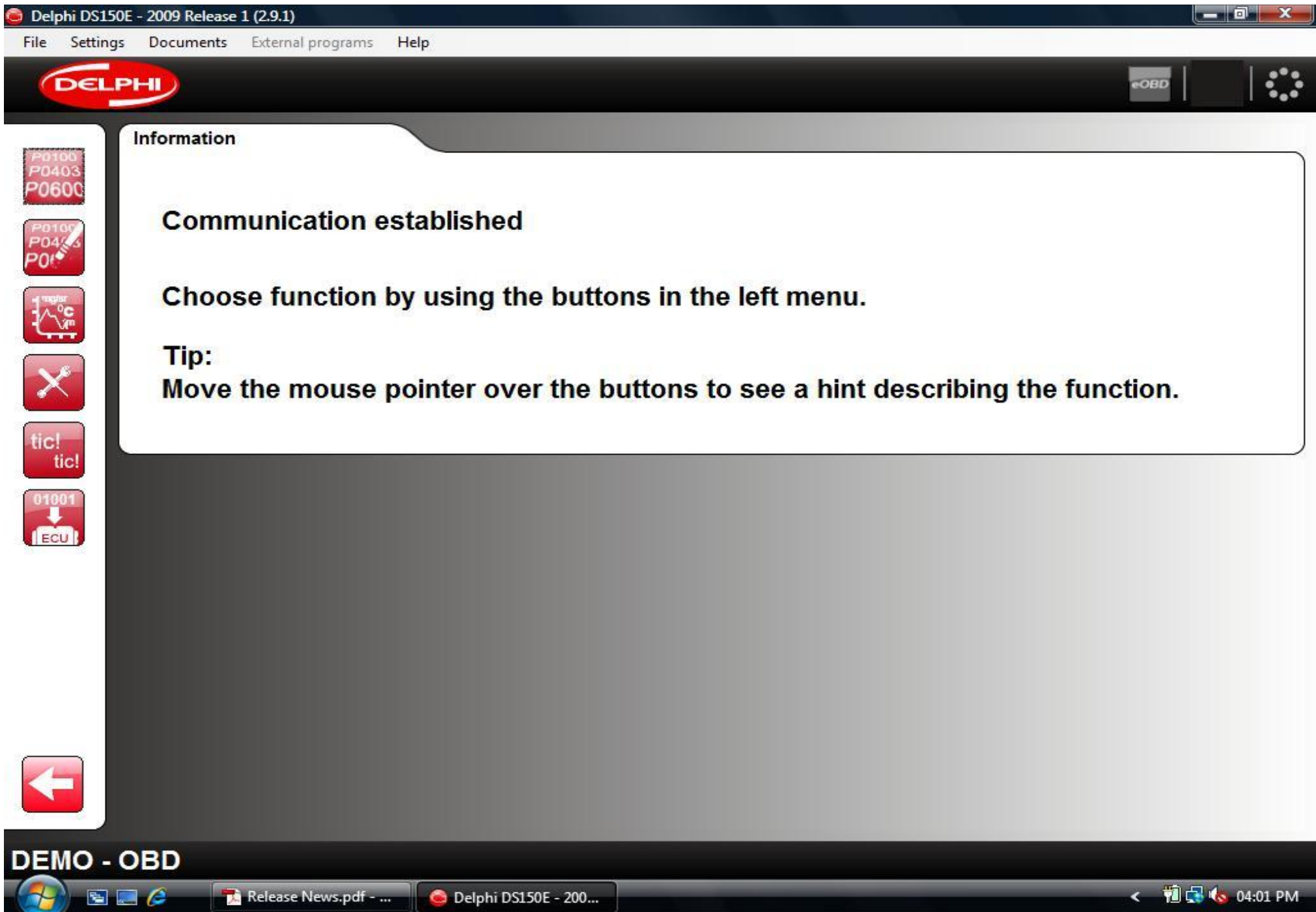
Gearbox	Equipment
MT	
AT	

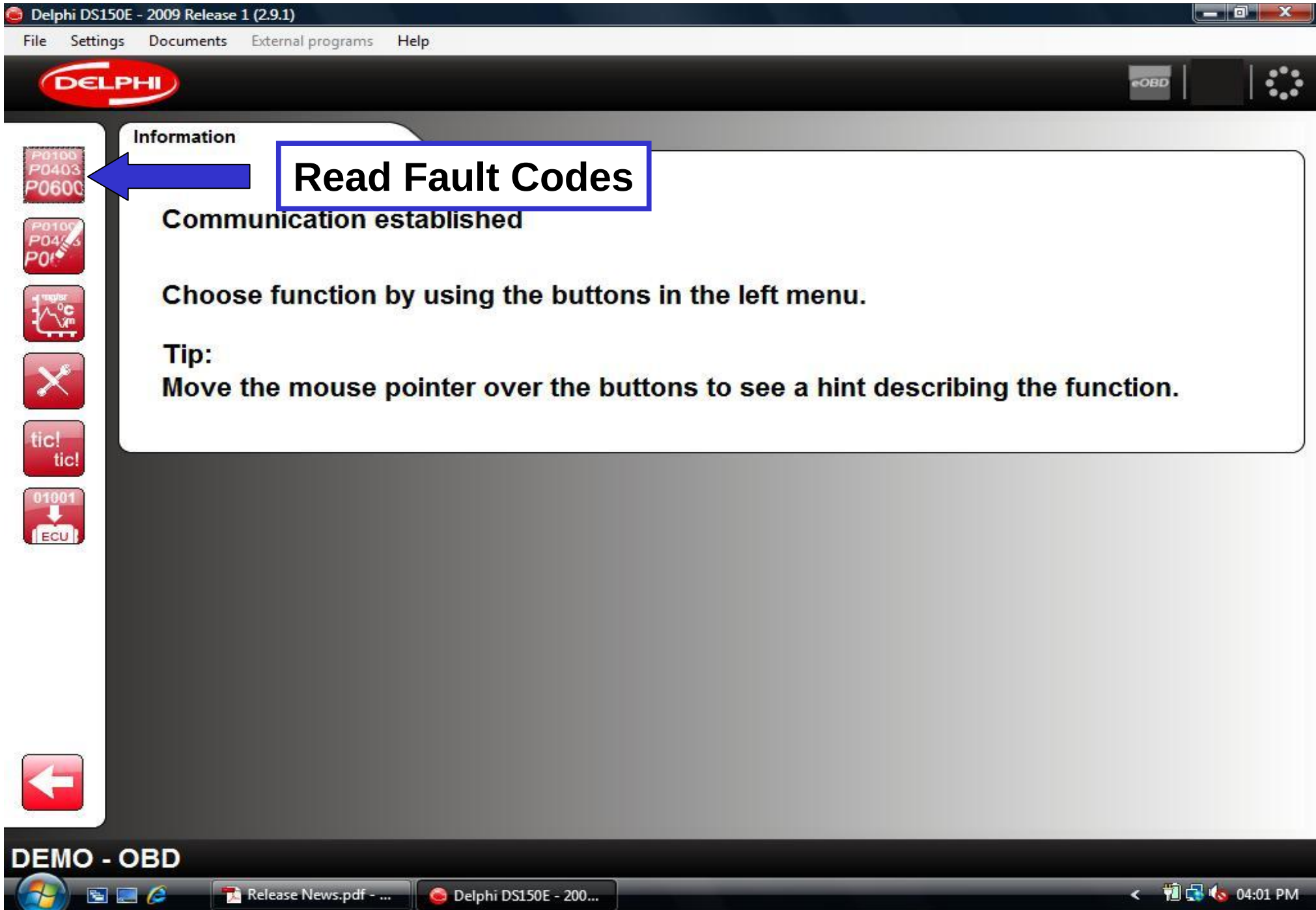
Select Gearbox option then click OBD engine icon

Ford - Mondeo [00-07] - 2007 - CGBB - Duratec-HE - MT

Release News.pdf - ... Delphi DS150E - 200...

03:59 PM





Delphi DS150E - 2009 Release 1 (2.9.1)

FileSettingsDocumentsExternal programsHelp



eOBD

P0100
P0403
P0600

P0100
P0403
P0600





tic!
tic!

01001
↓
ECU



DTCs

DF122

- Thermoplunger No3 relay circuit, short circuit to+12V

- Intermittent

DF031

- PAS assembly relay cotrol circuit, short circuit to+12V

- Intermittent

DF001

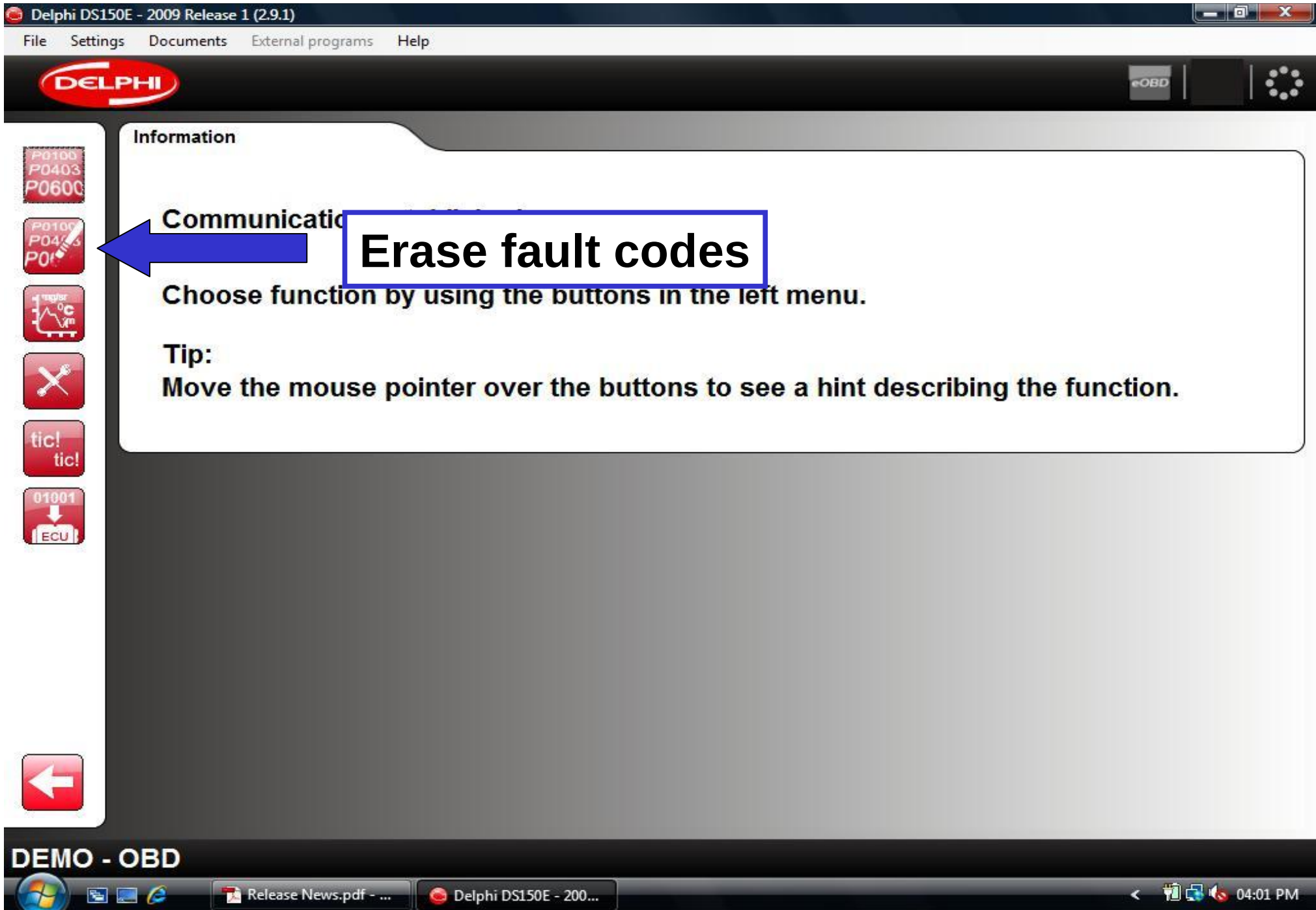
- Computer, injector calibration data

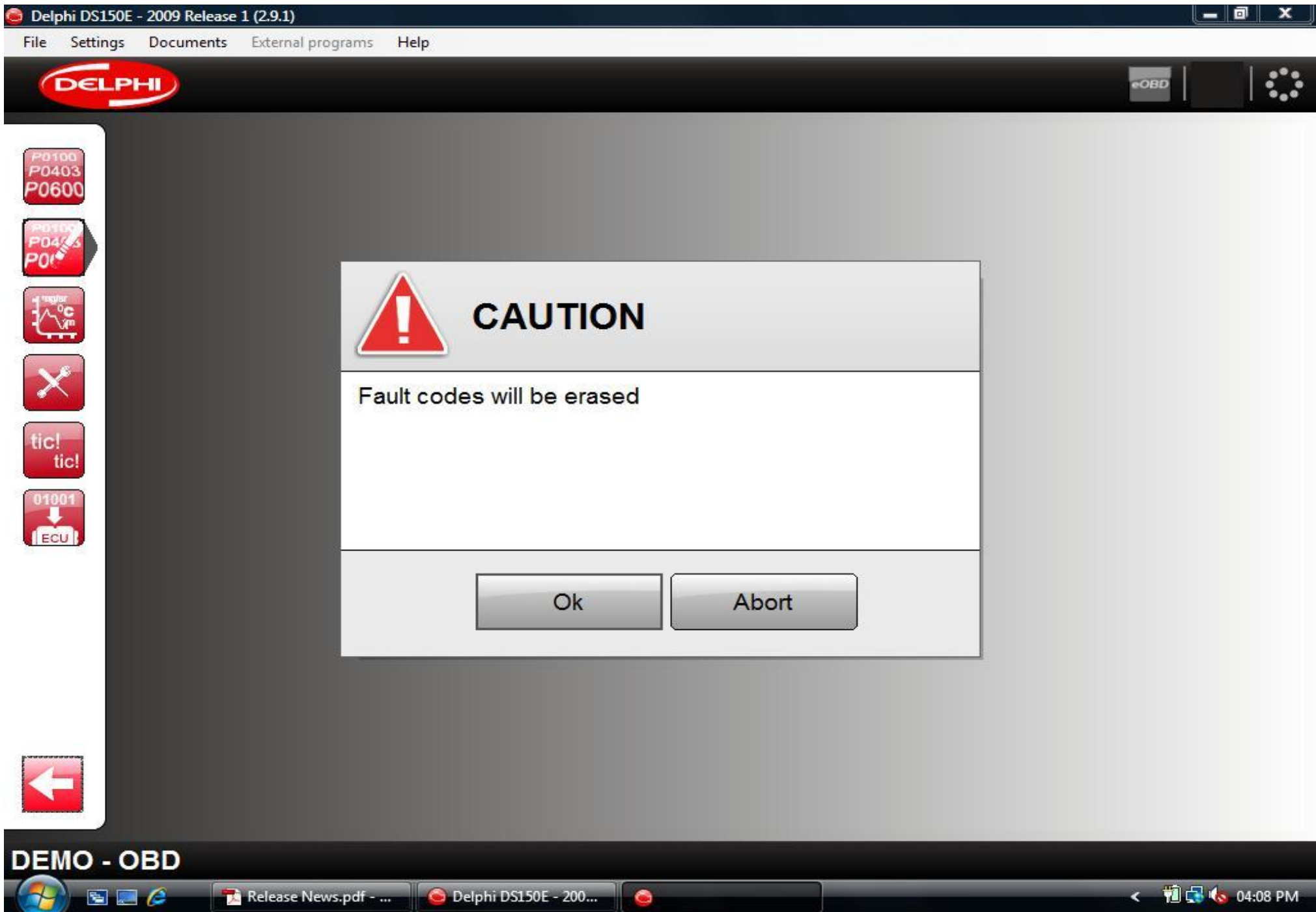
- Intermittent

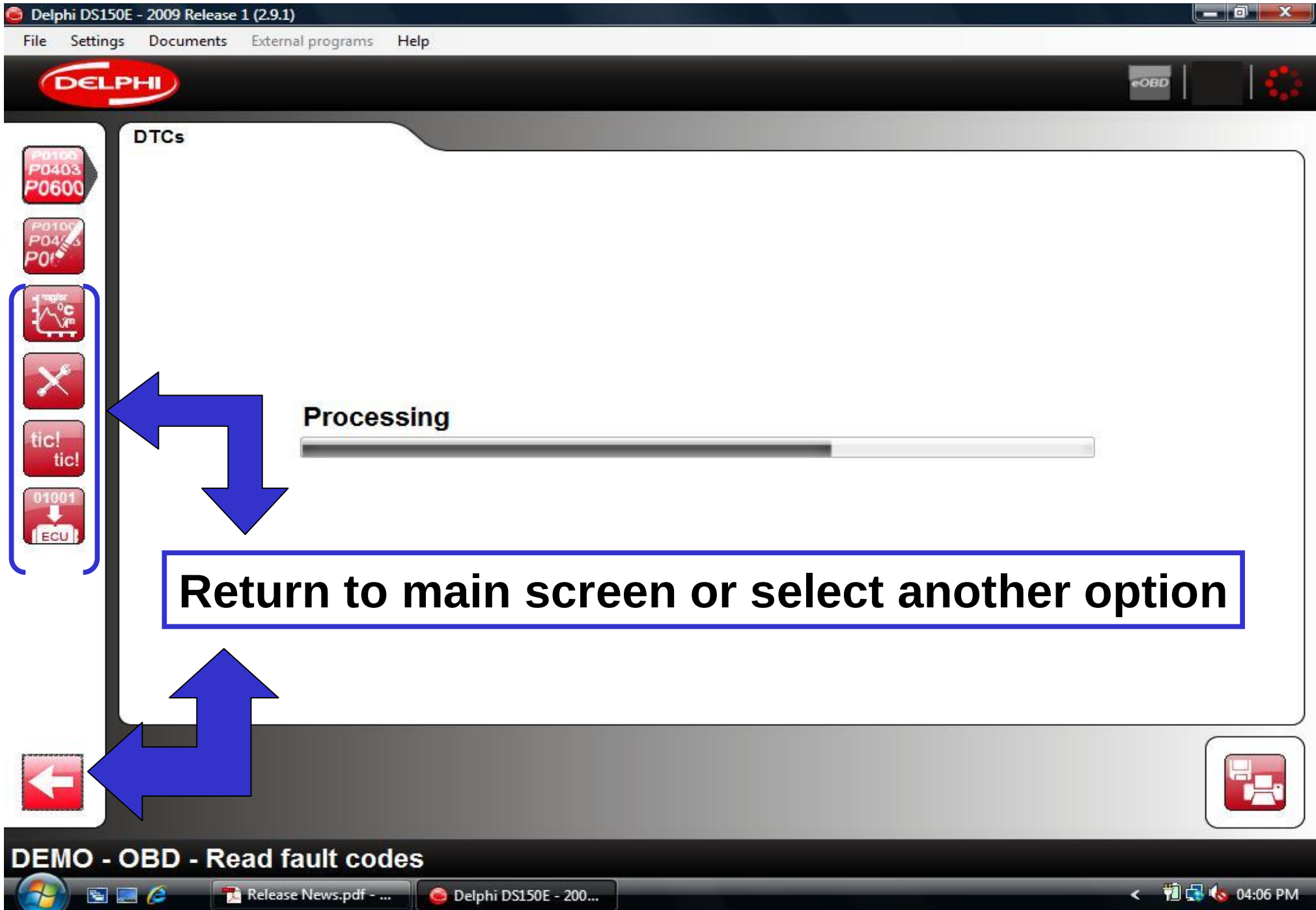
DEMO - OBD - Read fault codes

Release News.pdf - ...Delphi DS150E - 200...

04:05 PM









PRINT AND SAVE

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help



eOBD



P0100
P0403
P0600













DTCs

DF122

- Thermoplunger No3 relay circuit, short circuit to+12V
- Intermittent

DF031

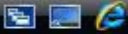
- PAS assembly relay cotrol circuit, short circuit to+12V
- Intermittent

DF001

- Computer, injector calibration
- Intermittent

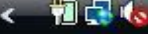


DEMO - OBD - Read fault codes



Release News.pdf - ...

Delphi DS150E - 200...



04:05 PM

Click print /save icon

Delphi DS500E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

P0100
P0403
P0600

P0100
P0403
P0100

major
C

tic!
tic!

01001
ECU

Workshop

Session

Mechanic:

Car licence no:

Mileage:

Notes:

Preview



Address:
Postal address:
Phone:
Fax:
E-mail:
Homepage:

Mechanic:
Date: 25/03/2009
Car licence no:
Mileage:
Vehicle: Ford - Mondeo (00-07) - 2005

Fault codes

Fuel/ignition (CJBA - Duratec-HE - MT)	Description	Status
DTC		
DP122	Thermostat No3 relay circuit, short circuit to +12V	Intermittent
DP031	PAS assembly relay control circuit, short circuit to +12V	Intermittent
DP001	Computer, injector calibration data	Intermittent

Add any information required

Click print icon

Save

Print

DEMO - OBD - Print / Save

Start Delphi DS500E - 2009 ... 09:12

DELPHI

P0100
P0403
P0600

P0100
P0403
P0100

Engine
°C

Wrench

tic!
tic!

01001
↓
ECU

←

Delphi DS500E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

Workshop

Print

General

Select Printer

Add Printer

Auto Journal
Note Writer ...

Auto Microsoft
XPS Docum...

HP Deskjet
6940 series BT

HP Deskjet
6940 series

Status: Ready

Location:

Comment:

☐ Print to file

Preferences

Find Printer...

Page Range

☒ All

☐ Selection

☐ Current Page

☐ Pages:

Number of copies: 1

☒ Collate

1 2 3 1 2 3

Print

Apply

Preview

1(1)

DELPHI

Address:
Postal address:
Phone:

Vehicle: Ford - Mondeo (00-07) - 2005

Fault codes

Fuel/ignition (CJBA - Duratec-HE - MT)

DTC	Description	Status
DP122	Thermoplunger No3 relay circuit, short circuit to+12V	Intermittent
DP031	PAS assembly relay control circuit, short circuit to+12V	Intermittent
DP001	Computer, injector calibration data	Intermittent

Save

Print

DEMO - OBD - Print / Save

Start Delphi DS500E - 2009 ... 09:14

Delphi DS500E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

Workshop

Session

Mechanic:

Car licence no:

Mileage:

Notes:

Preview

DELPHI

Address:
Postal address:
Phone:
Fax:
E-mail:
Homepage:

Mechanic:
Date: 25/03/2009
Car licence no:
Mileage:
Vehicle: Ford - Mondeo (00-07) - 2005

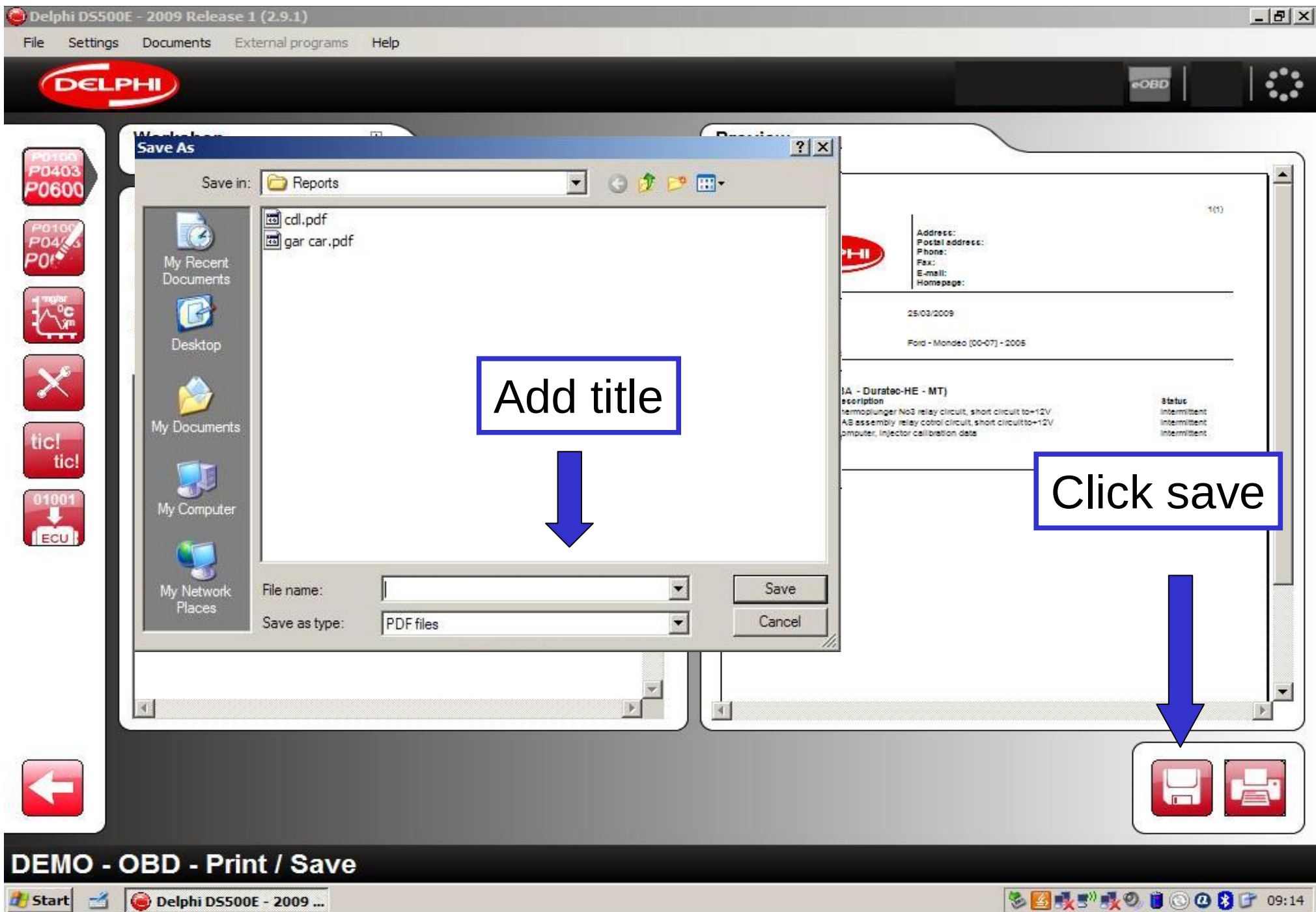
Fault codes

DTC	Description	Status
DP122	Thermoplunger No3 relay circuit, short circuit to +12V	Intermittent
DP031	PAS assembly relay control circuit, short circuit to +12V	Intermittent
DP001	Computer, injector calibration data	Intermittent

To save information click save icon

DEMO - OBD - Print / Save

Start Delphi DS500E - 2009 ... 09:12



Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

DTCs

DF122	- Thermoplunger No3 relay circuit, short circuit to+12V - Intermittent
DF031	- PAS assembly relay cotrol circuit, short circuit to+12V - Intermittent
DF001	- Computer, injector calibration data - Intermittent

Print and save function

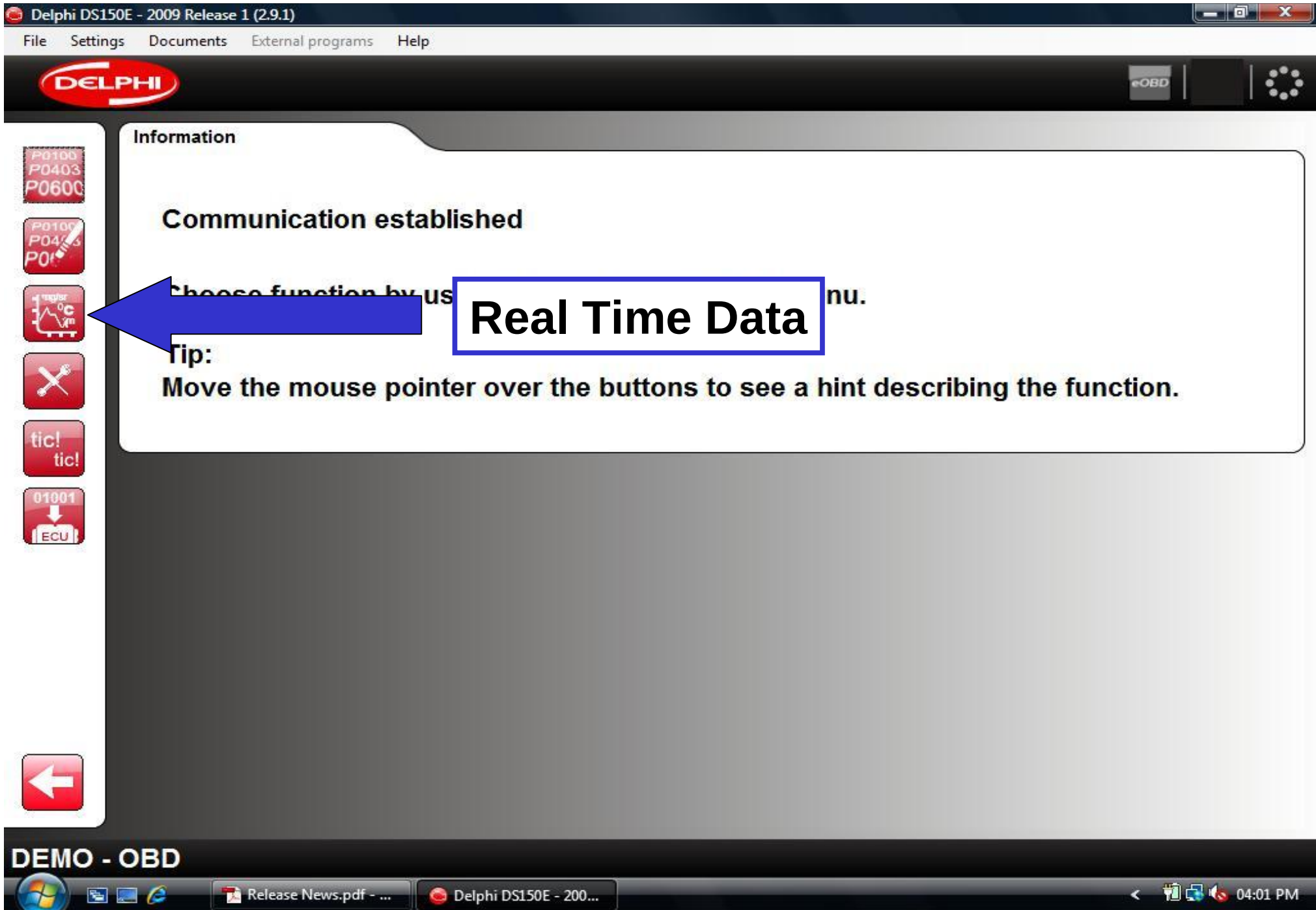
Return to main screen

DEMO - OBD - Read fault codes

Release News.pdf - ... Delphi DS150E - 200... 04:05 PM



REAL TIME DATA



DELPHI

eOBD

P0100
P0403
P0600

P0100
P0403
P0600

tic!
tic!

01001
ECU

Real-time data

Data list 1

1/11

Name	Value	Unit
ECU reference (Electron	8200469357	
Supplier number	153	
Program number	00BE	
VDIAG-number	18	
Software version number	00B2	
Calibration number	0387	
Electronic version	8200331477	
Development calibration version	08	

List Mode

DEMO - OBD - Real-time data

Release News.pdf - ...

Delphi DS150E - 200...

04:10 PM

Screen Navigation

List Mode

Delphi DS150E - 2009 Release 1 (2.9.1)

FileSettingsDocumentsExternal programsHelp



eOBD

P0100
P0403
P0600

P0100
P0403
P0600





tic!
tic!

01001
ECU

Real-time data

Data list 1

←→

1/11

Name	Value	Unit
ECU reference (Electronic Control Unit)	8200469357	
Supplier number	153	
Program number	00BE	
VDIAG-number	18	
Software version number	00B2	
Calibration number	0387	
Electronic version	8200331477	
Development calibration version	08	

Graph Mode



DEMO - OBD - Real-time data



Release News.pdf - ...

Delphi DS150E - 200...

<  04:10 PM

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

Real-time data

Data list 3

311

Accelerator pedal sensor 1

Max 2.94
Min 0.73

0.73 V

Accelerator pedal sensor 2

Max 1.25
Min 0.31

0.31 V

Use scroll bar to view all items on data list

Return to list mode

DEMO - OBD - Real-time data

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Delphi DS150E - 2009 Release 1 (2.9.1)

FileSettingsDocumentsExternal programsHelp



eOBD

P0100
P0403
P0600

P0100
P0403
P0600





tic!
tic!

01001
ECU

Real-time data

Data list 1

←→

1/11

Name	Value	Unit
ECU reference (Electronic Control Unit)	8200469357	
Supplier number	153	
Program number	00BE	
VDIAG-number	18	
Software version number	00B2	
Calibration number	0387	
Electronic version	8200331477	
Development calibration version	08	

Custom data list



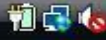


DEMO - OBD - Real-time data



Release News.pdf - ...

Delphi DS150E - 200...

<  04:10 PM

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

Real-time data

Select item, click arrow to transfer to selected list

Available parameters: 66

Name	Data list
A/C, power consumption	6
AC compressor relay	7
Accelerated idle request	9
Accelerator pedal position...	3
Accelerator pedal sensor 1	3
Accelerator pedal sensor 2	3
Air condition	
Air inlet temp	
Atmospheric pressure	
Battery voltage	4
Brake pedal	9
Calculated mass air flow value	5

Selected parameters: 3

Name	Data list
A/C, power consumption	6
Accelerated idle request	9
Accelerator pedal sensor 1	3

Click arrow to remove selected item

Remove all items

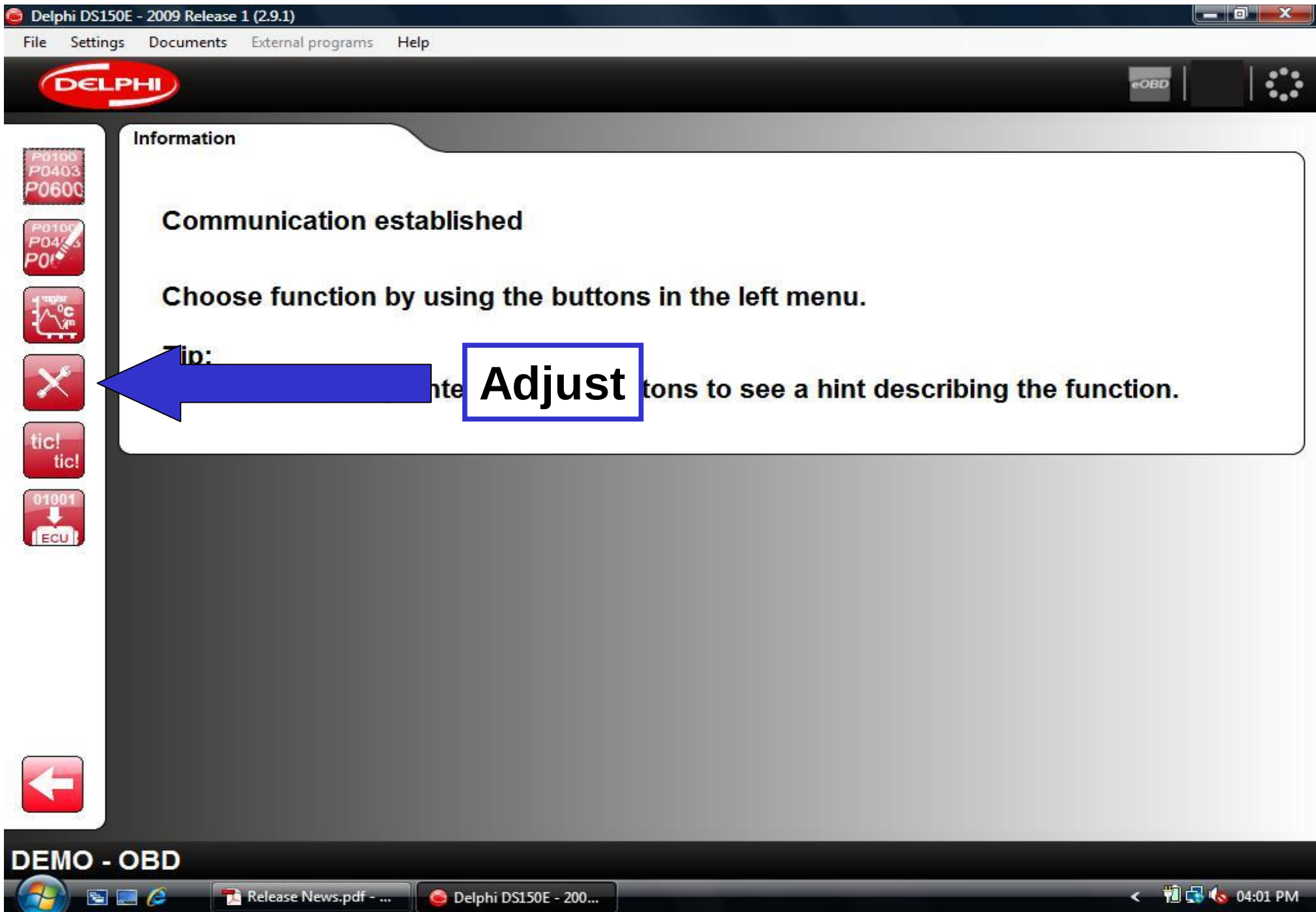
DEMO - OBD - Real-time data

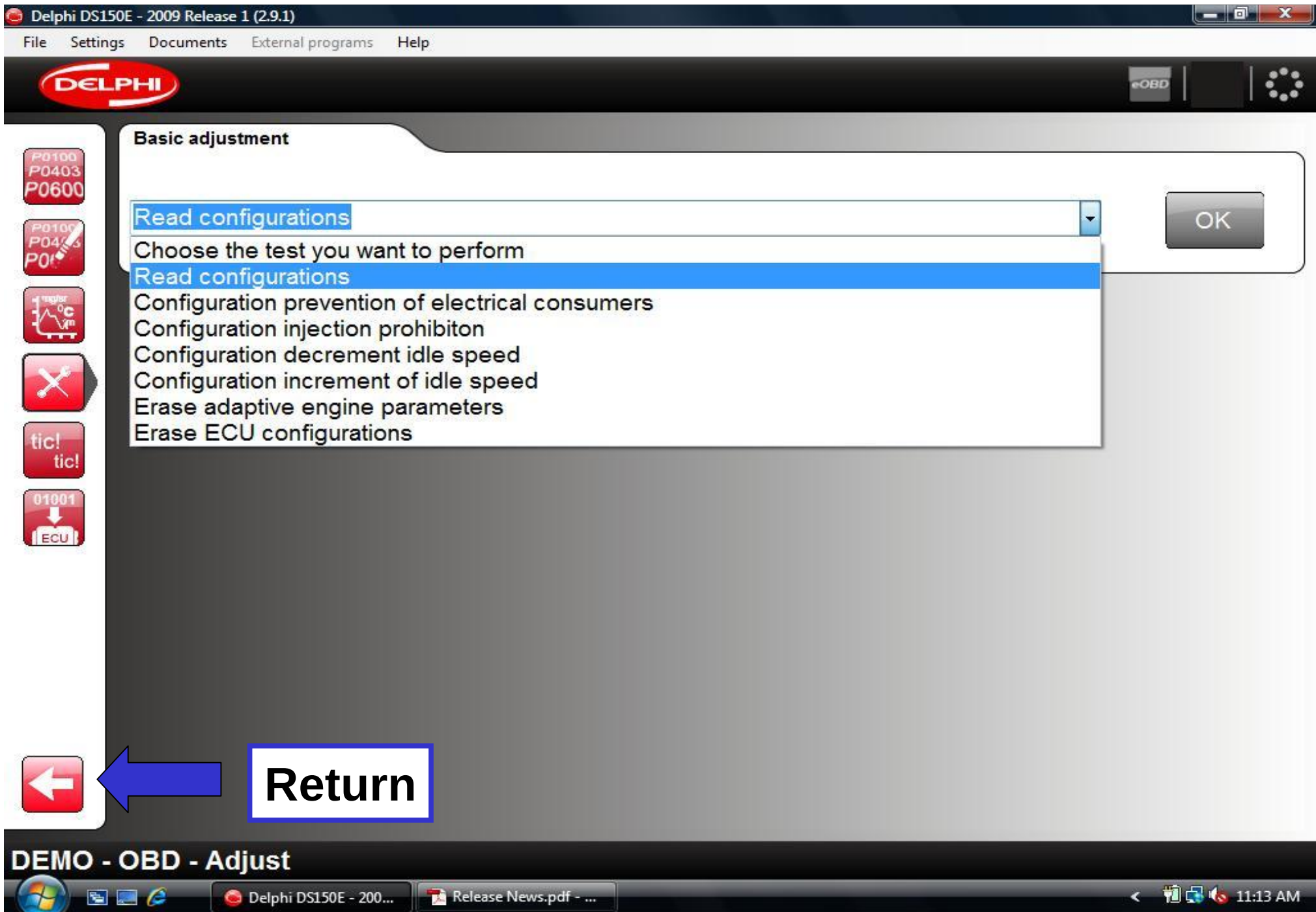
Release News.pdf - ... Delphi DS150E - 200...

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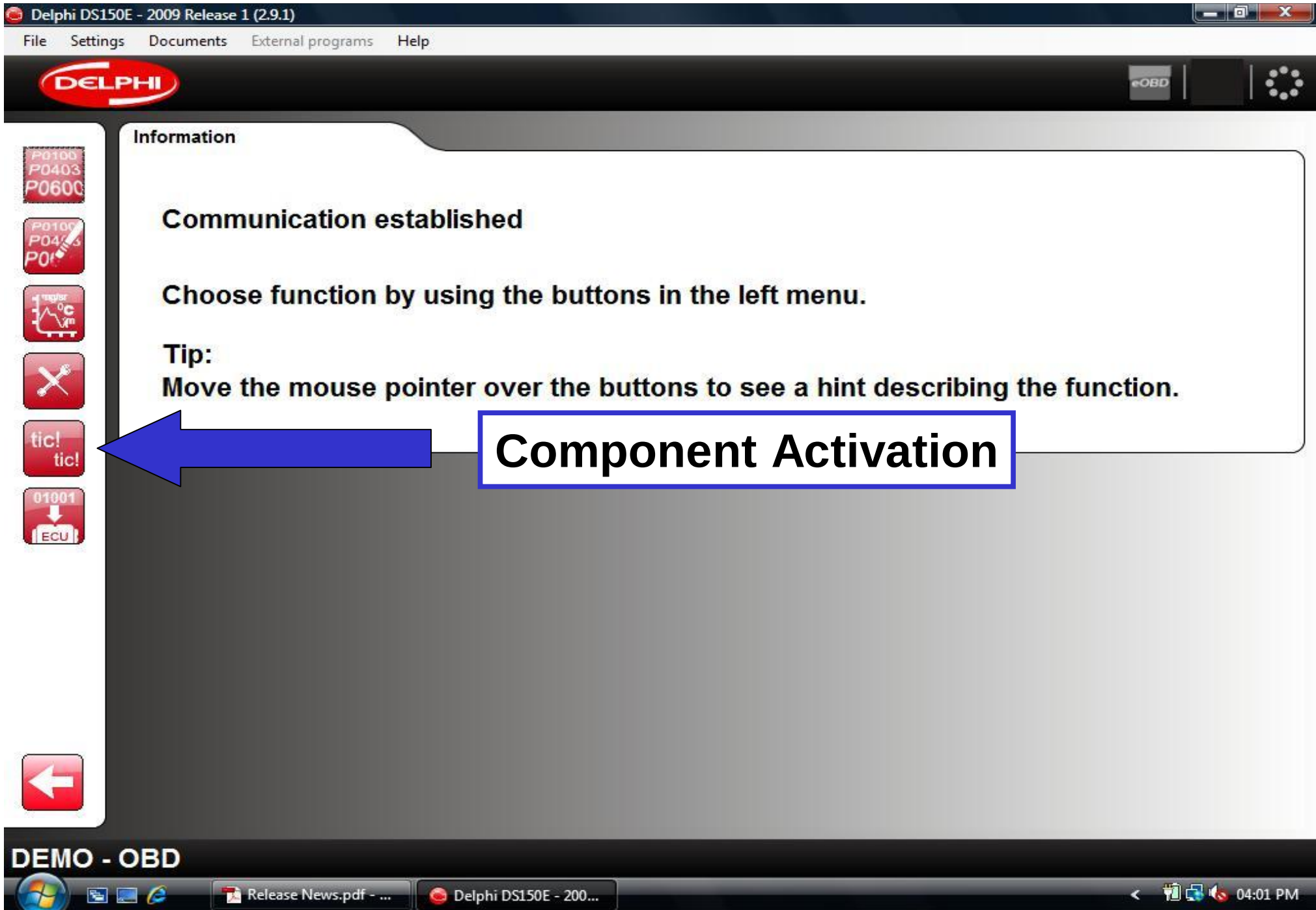
ADJUST PARAMETERS

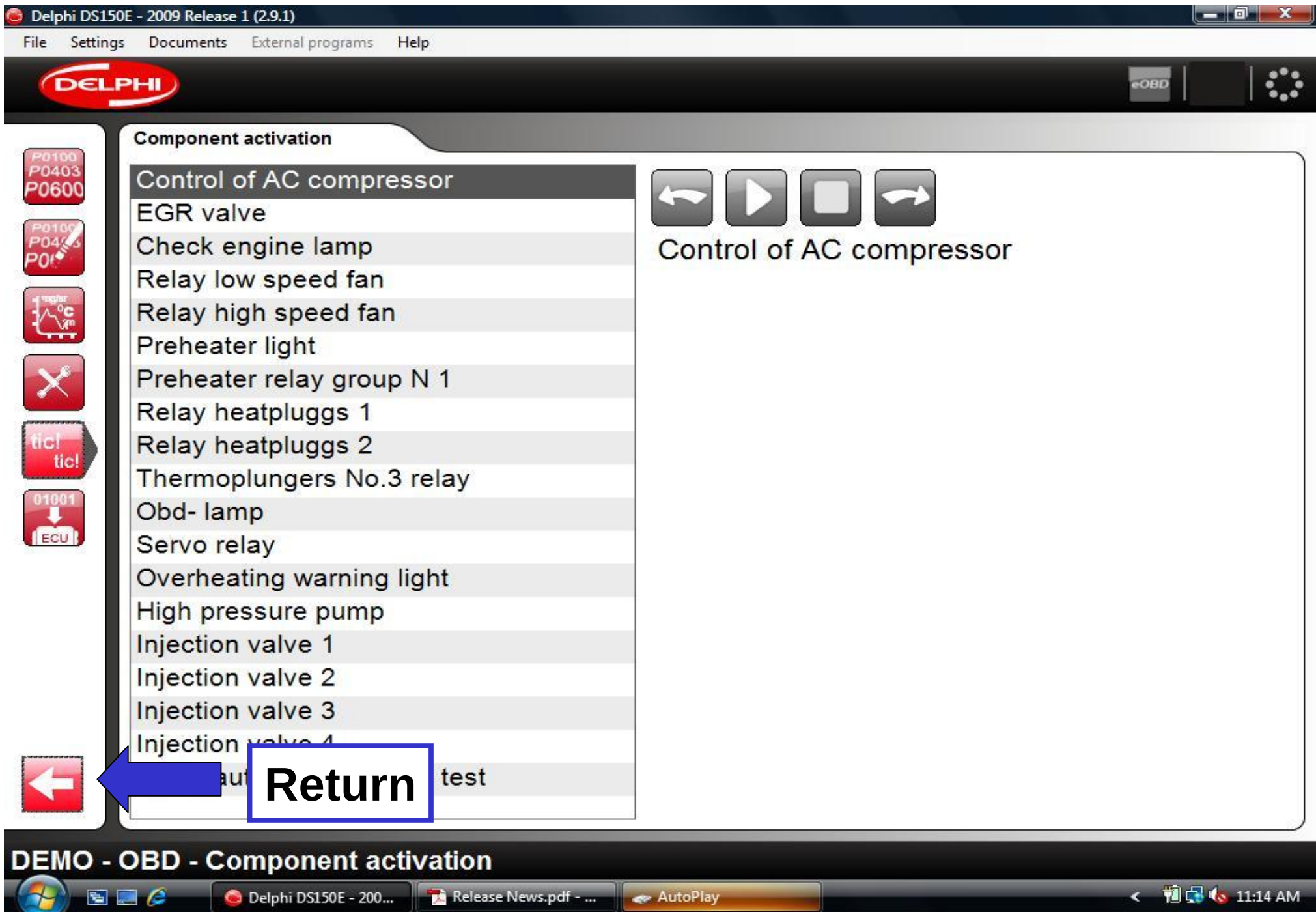






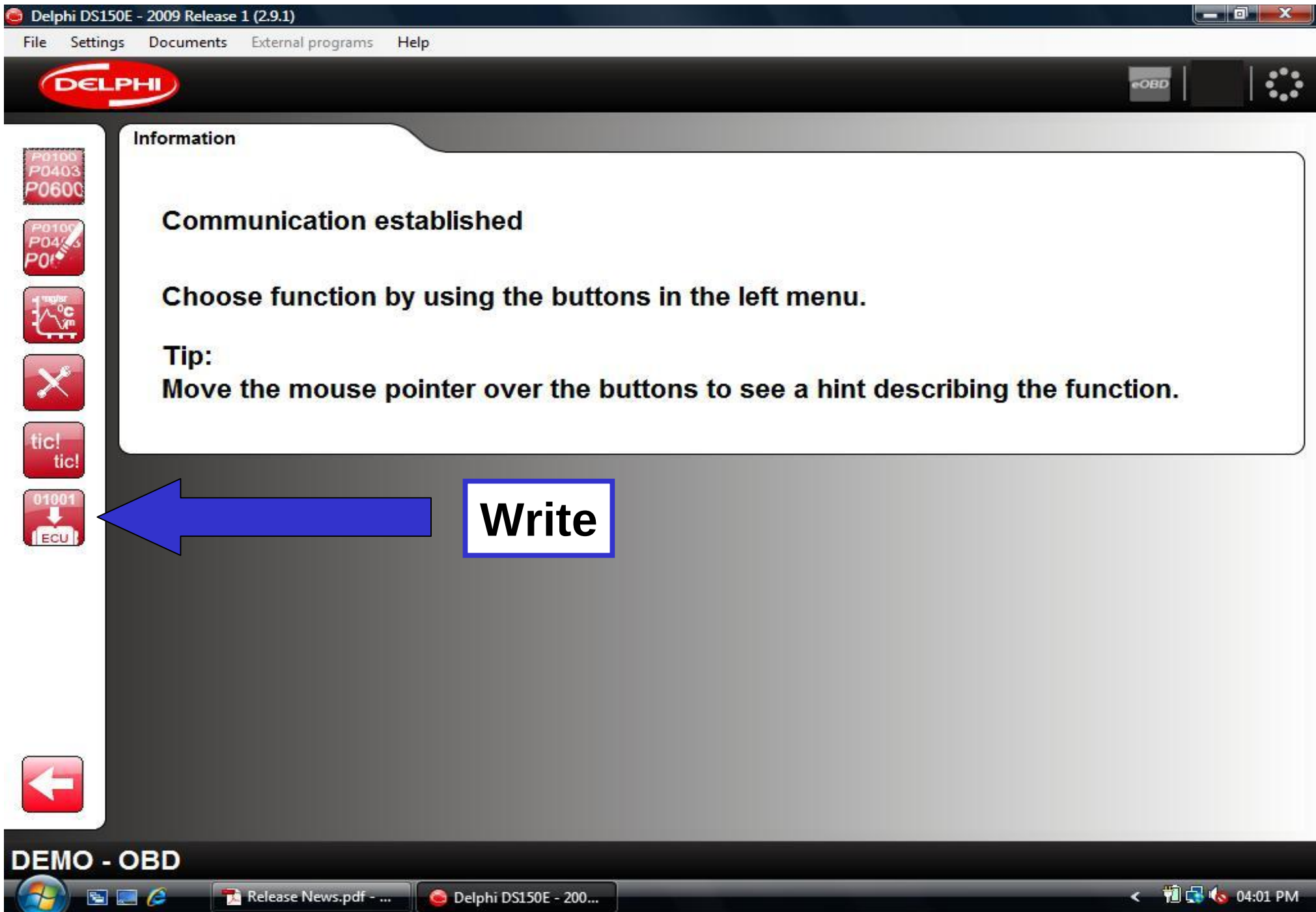
COMPONENT ACTIVATION

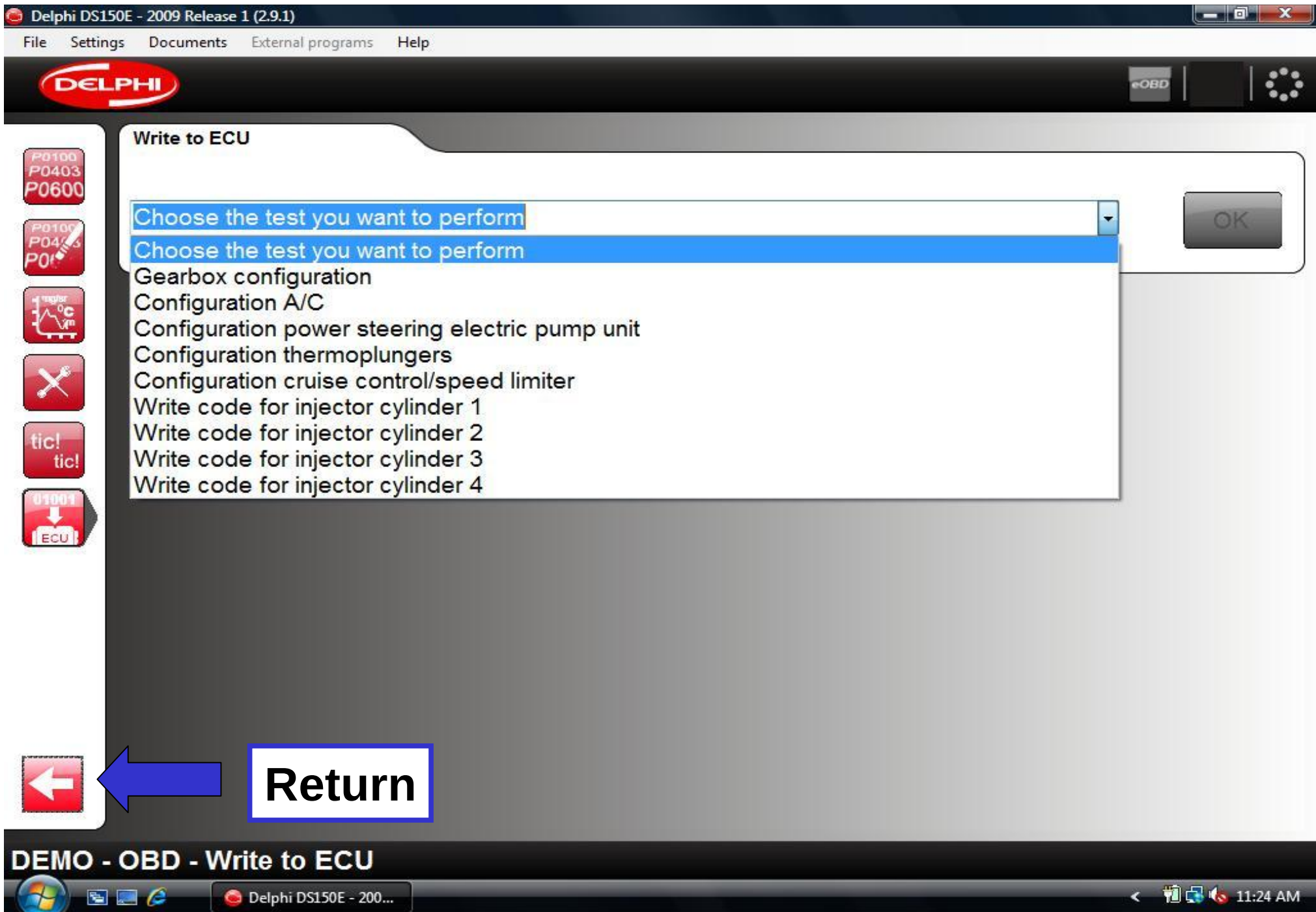






WRITE TO ECU (OBD)







SCAN

Delphi DS150E - 2009 Release 1 (2.9.1)

FileSettingsDocumentsExternal programsHelp





1. Select vehicle

Brand

Ferrari
Fiat
Ford
Honda

Model

Ka
Maverick
Mondeo [00-07]
Mondeo [07-]

Year model

2007 (VIN 11 = 6)
2006 (VIN 11 = 6)
2005 (VIN 11 = 5)
2004 (VIN 11 = 4)

2. Select system

Type of system

 Fuel/Ignition
 Diesel
 ABS
 Instrument

Engine code

[All engines]
CGBA 1.8L
CGBB 1.8L
CGBA 1.8L

System

Duratec-HE

3. Select options

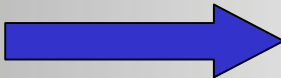
Gearbox

MT
AT

Equipment

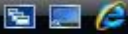


Scan Function

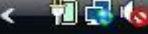


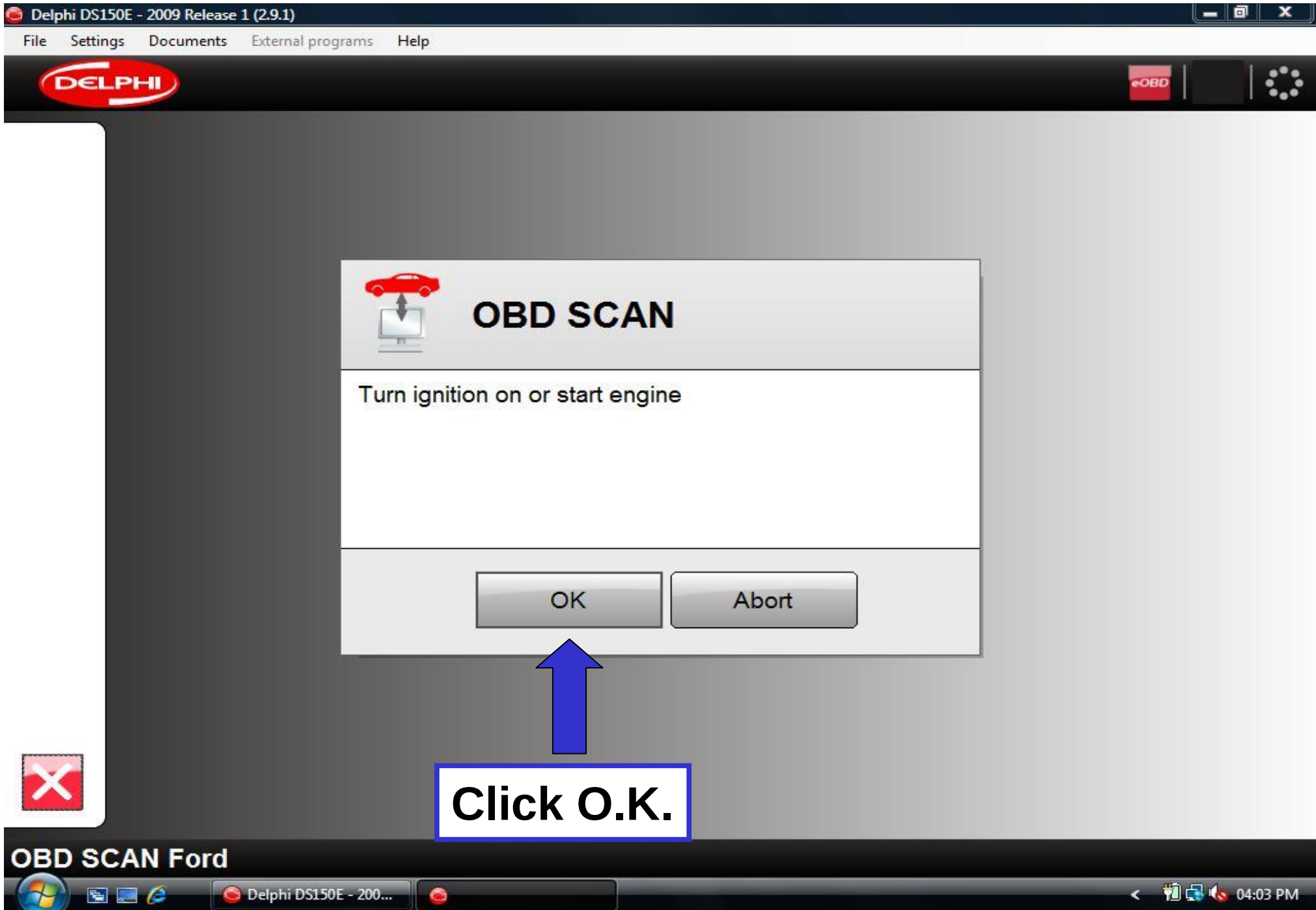


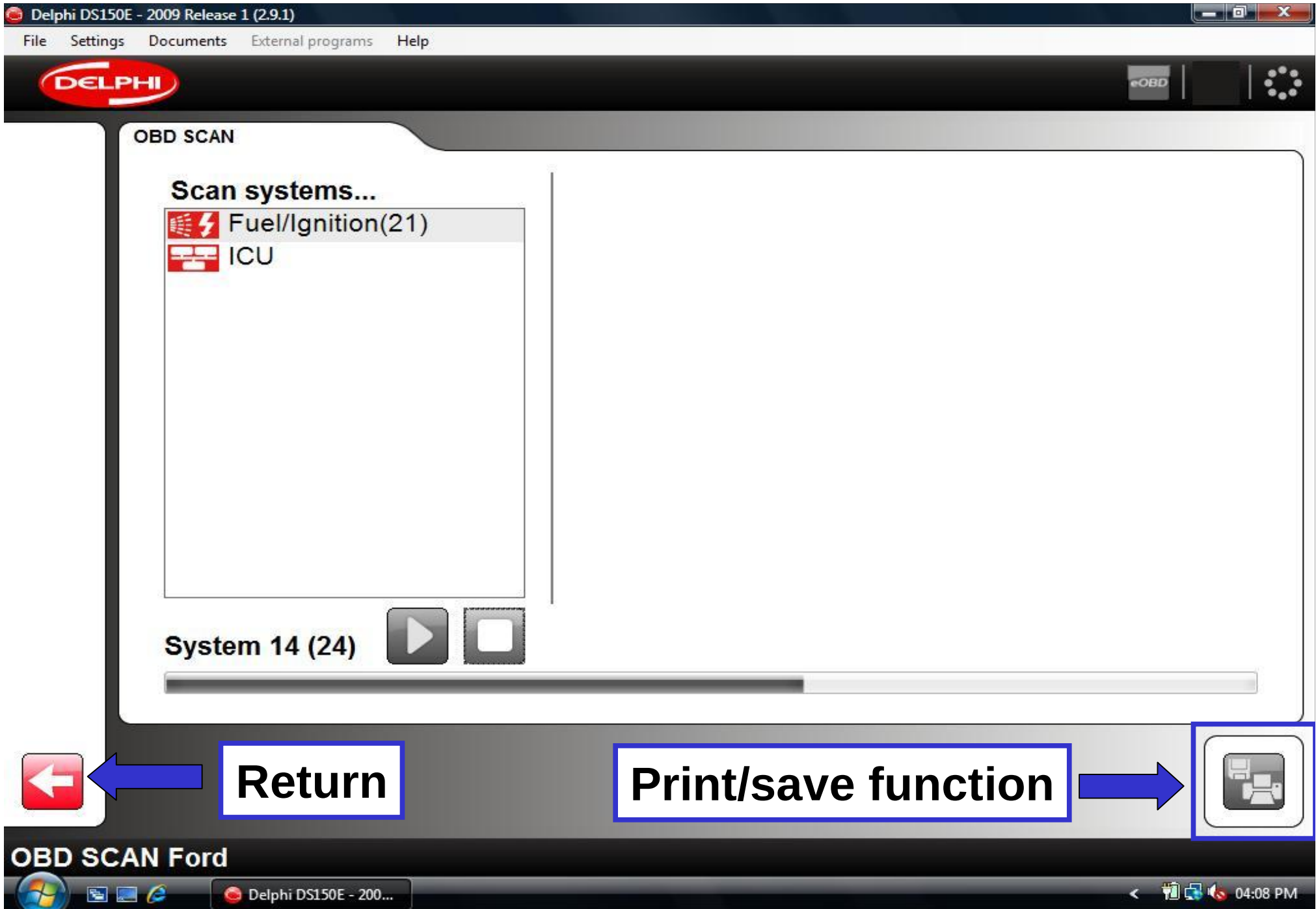
Ford - Mondeo [00-07] - 2007 - CGBB - Duratec-HE - MT



Release News.pdf - ...Delphi DS150E - 200...

03:59 PM





Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

OBD SCAN

Finished scanning

-  **Fuel/Ignition(21)**
-  ICU(21)
-  Immobilizer(21)

Read fault codes

DTC	Description	St...
P...	Pedal Position Not Available	
P...	Throttle/Pedal Position Sensor A...	
P...	Throttle/Pedal Position Switch B Circuit...	
P...	Throttle/Pedal Position Sensor C...	
P...	Intake Air Temperature Sensor 1 Circuit	
P...	Cylinder Head Temperature Sensor...	
P...	Turbo Super Charger Boost Sensor A...	
P...	Fuel Temperature Sensor A Circuit...	
P...	Cylinder 1 Misfire Detected	
P...	Unknown fault code	

System 24

Click on item to view faultcodes

Highlight item, then click icon to delete

Click to return to main screen

OBD SCAN Ford

Delphi DS150E - 200...

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HISTORY

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

1. Select vehicle

Brand	Model	Year model
Ferrari	Ka	2007 (VIN 11 = 6)
Fiat	Maverick	2006 (VIN 11 = 6)
Ford		

2. Select system

Type of system	Engine code	System
Fuel/Ignition	[All engines]	Duratec-HE
Diesel	CGBA 1.8L	
ABS	CGBB 1.8L	
Instrument	CGBA 1.8L	

3. Select options

Gearbox	Equipment
MT	
AT	

Ford - Mondeo [00-07] - 2007 - CGBB - Duratec-HE - MT

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History (past vehicle connections)

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

History

Return to main screen

Brand	Model	Year	Fuel/Ignition	Engine	Supporting ...	Gearbox	Equipment	Date
Lotus	2 Eleven	2008	Fuel/Ignition	[All engines]	Supporting ...	MT/AT		17/03/2009
Jaguar	S-type	2008	Fuel/Ignition	[All engines]	Supporting ...	MT/AT		17/03/2009
Ferrari	360	2005	Fuel/Ignition	[All engines]	Supporting ...	MT/AT		17/03/2009

Delete Entry

Exit Program

Ford - Mondeo [00-07] - 2007 - CJBA - Duratec-HE - MT

Delphi DS150E - 200... Release News.pdf - ... 11:50 AM



EOBD COMMUNICATION

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

1. Select vehicle

Brand	Model	Year model
Ferrari	Ka	2007 (VIN 11 = 6
Fiat	Maverick	2006 (VIN 11 = 6
Ford		
Honda		

2. Select system

Type of system	Engine code	System
Fuel/Ignition	[All engines]	Duratec-HE
Diesel	CGBA 1.8L	
ABS	CGBB 1.8L	
Instrument	CGBA 1.8L	

3. Select options

Gearbox	Equipment
MT	
AT	

Click on icon to enter EOBD program

Ford - Mondeo [00-07] - 2007 - CGBB - Duratec-HE - MT

Release News.pdf - ... Delphi DS150E - 200... 03:59 PM



ISO 11519-4 SAE J1850

on

Total number of fault codes:

7

Readiness tests

Name	Completed
Misfire	Yes
Fuel system	Yes
Comprehensive component	Yes
Catalyst	No
Oxygen sensor	No
Oxygen sensor heater	No



READ FAULTCODES (EOBD)

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD



Supported units

- ECU 10 Engine controllers
- ECU 6F Driver information / Displays

Main information

Communication type:
ISO 11519-4 SAE J1850

status:

Total number of fault codes:
7

Information

Name	Value
MIL	off
DTC	4
Standard	Not OBD...

Readiness tests

Name	Completed
Misfire	Yes
Fuel system	Yes
Comprehensive component	Yes
Catalyst	No
Oxygen sensor	No
Oxygen sensor heater	No



DEMO Generic OBD - Information



Delphi DS150E - 200...



11:12 AM

Read Faultcodes

Delphi DS150E - 2009 Release 1 (2.9.1)

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eOBD



Permanent fault codes (Mode 03)

ECU	Fault code	Description
10	P0123	Throttle/Pedal Position Sensor/Switch A Circuit High Input
10	P0118	Engine Coolant Temperature Circuit High Input
10	P1490	Manufacturer specific
10	P1193	Manufacturer specific
6F	P0125	Insufficient Coolant Temperature for Closed Loop Fuel Control
6F	P0118	Engine Coolant Temperature Circuit High Input
6F	P1590	Manufacturer specific

Intermittent fault codes (Mode 07)

ECU	Fault code	Description
10	P0123	Throttle/Pedal Position Sensor/Switch A Circuit High Input
10	P0118	Engine Coolant Temperature Circuit High Input
10	P1490	Manufacturer specific
10	P1193	Manufacturer specific
6F	P0125	Insufficient Coolant Temperature for Closed Loop Fuel Control



DEMO Generic OBD - Read Faultcodes



Delphi DS150E - 200...

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ERASE FAULT CODES (EOBD)

Delphi DS150E - 2009 Release 1 (2.9.1)

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DELPHI eOBD



Supported units

- ECU 10 Engine controllers
- ECU 6F Driver information / Displays

Main information

Communication type:
ISO 11519-4 SAE J1850

MIL status:
on

Number of fault codes:

Information

Name	Value
MIL	off
DTC	4
Standard	Not OBD...

Readiness tests

Name	Completed
Misfire	Yes
Fuel system	Yes
Comprehensive component	Yes
Catalyst	No
Oxygen sensor	No
Oxygen sensor heater	No

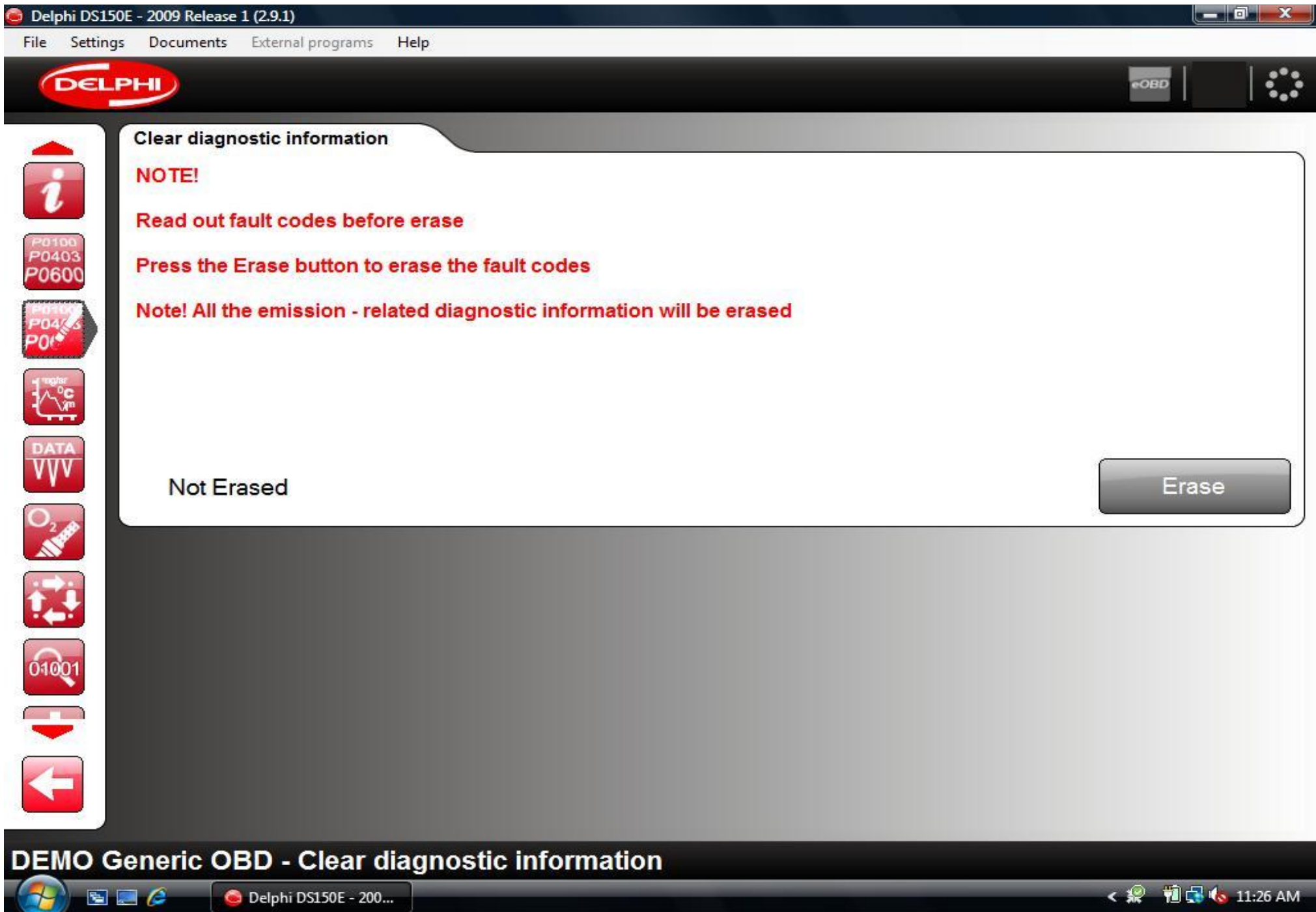
Erase fault codes



DEMO Generic OBD - Information

Delphi DS150E - 200...

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REAL TIME DATA (EOBD)

Delphi DS150E - 2009 Release 1 (2.9.1)

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eOBD



Supported units

ECU 10 Engine controllers

ECU 6F Driver information / Displays

Main information

Communication type:

ISO 11519-4 SAE J1850

MIL status:

on

Total number of fault codes:

7

Information

Name	Value
MIL	off
DTC	4
Standard	Not OBD...

Readiness tests

Name	Completed
Misfire	Yes
Fuel system	Yes
Comprehensive component	Yes
Catalyst	No
Oxygen sensor	No
Oxygen sensor heater	No

Real time data



DEMO Generic OBD - Information



Delphi DS150E - 200...



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DELPHI eOBD

Values

- 03 Fuel system 1 status
- 03 Fuel system 2 status
- 04 Calculated load value
- 05 Engine coolant temp
- 0B MAP sensor
- 0C Engine speed
- 0D Vehicle speed
- 0E Ignition timing advance for #1
- 11 Absolute throttle position
- 13 Position of oxygen sensors
- 14 Oxygen sensor B1 - S1, Voltage
- 14 Oxygen sensor B1 - S1, Short circuit
- 15 Oxygen sensor B1 - S2, Voltage
- 15 Oxygen sensor B1 - S2, Short circuit
- 1C OBD-demands that fulfills

Real time data

ECU	PID	Name	Value	Unit
☒	10 0B	MAP sensor	31	kPa
☐	10 1C	OBD-demands...	5	IN...
☒	6F 1C	OBD-demands...	5	IN...
☐	00 0C	Engine speed	---	rpm
☐	00 0E	Ignition timing...	---	°
☐	10 11	Absolute...	100.0	%
☐	00 14	Oxygen...	---	V
☒	10 1C	OBD-demands...	5	
☐	6F 1C	OBD-demands...	5	IN...

Information

1 Click on a line to transfer to data panel

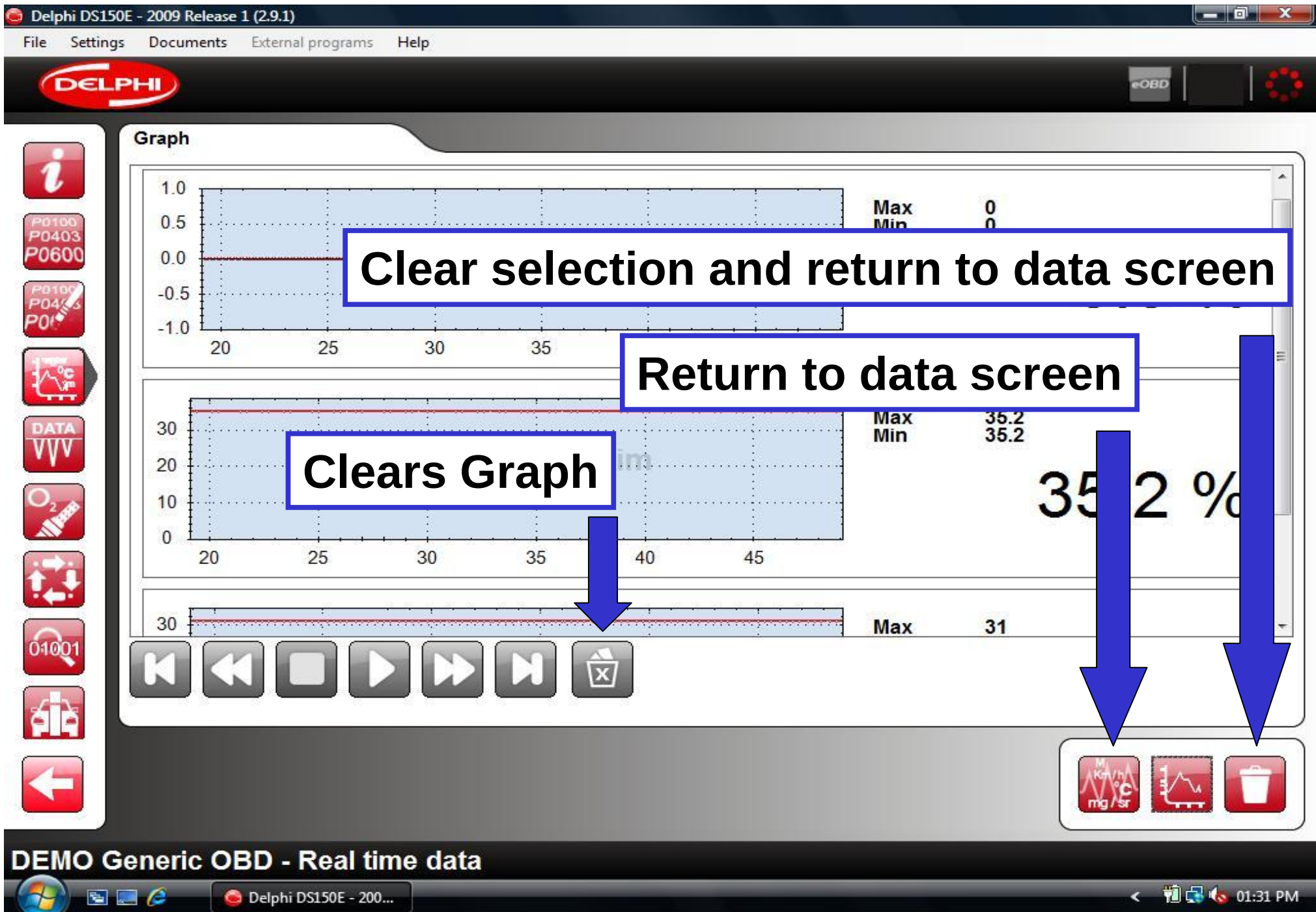
2 Tick box to graph

3 Click icon to graph

DEMO Generic OBD - Real time data

Delphi DS150E - 200...

11:36 AM





FREEZE FRAME DATA (EOBD)

Delphi DS150E - 2009 Release 1 (2.9.1)

FileSettingsDocumentsExternal programsHelp



eOBD



Supported units

ECU 10 Engine controllers

ECU 6F Driver information / Displays

Main information

Communication type:

ISO 11519-4 SAE J1850

MIL status:

on

Total number of fault codes:

7

Information

MIL

DTC4

StandardNot OBD...

Readiness tests

	Completed
Fuel system	Yes
Comprehensive component	Yes
Catalyst	No
Oxygen sensor	No
Oxygen sensor heater	No

Freeze Frame Data



DEMO Generic OBD - Information



Delphi DS150E - 200...



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Delphi DS150E - 2009 Release 1 (2.9.1)

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eOBD



Supported units

ECU	Control unit
10	ECU 10 Engine controllers
6F	ECU 6F Driver information / Displays
11	ECU 11 Engine controllers
1F	ECU 1F Transmission controllers

ECU: 11 Fault code: Insufficient Coolant Temperature for Closed Loop Fuel Control

PID	Name	Value	Unit
02	DTC that caused freeze frame data	P0125	
05	Engine coolant temp	-40.0	°C
03	Fuel system status	OL	
03	Fuel system status		
04	Calculated load value	0.0	%
07	Long term fuel trim	0.0	%
07	Long term fuel trim	-100.0	%
0B	MAP sensor	105	kPa
0C	Engine speed	0	rpm

Previous frame

Frame number: 0

Next frame

DEMO Generic OBD - Freeze frame data



Delphi DS150E - 200...



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OXYGEN SENSOR (EOBD)

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

Supported units

- ECU 10 Engine controllers
- ECU 6F Driver information / Displays

Main information

Communication type:
ISO 11519-4 SAE J1850

MIL status:
on

Total number of fault codes:
7

Information

Name	Value
MIL	off
Standard	

Readiness tests

Name	Completed
Misfire	Yes
Fuel system	Yes
Comprehensive component	Yes
Catalyst	No
Oxygen sensor	No
Oxygen sensor heater	No

Oxygen sensor

DEMO Generic OBD - Information

Delphi DS150E - 200...

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Delphi DS150E - 2009 Release 1 (2.9.1)

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Oxygen sensors

Bank 1 - Sensor 1

81 Manufacture test ID descriptio

82 Manufacture test ID descriptio

83 Manufacture test ID descriptio

84 Manufacture test ID descriptio

Bank 1 - Sensor 2

01 Rich to lean sensor threshold

02 Lean to rich sensor threshold

07 Minimum sensor voltage for t

08 Maximum sensor voltage for

Values

EC	Name	Mi	Value	Ma	Uni
10	B1-S1...	90	129	25	
10	B1-S2 Rich to...	---	0.400	---	V
10	B1-S1...	90	98	25	
10	B1-S2 Lean to...	---	0.400	---	V
10	B1-S2...	0.4	0.400	0.4	V
10	B1-S1...	15	71	20	



DEMO Generic OBD - Oxygen sensor test result



Delphi DS150E - 200...

01:36 PM



NON-CONTINUOUS TESTS (EOBD)

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI

eOBD

Supported units

- ECU 10 Engine controllers
- ECU 6F Driver information / Displays

Main information

Communication type:
ISO 11519-4 SAE J1850

MIL status:
on

Total number of fault codes:
7

Information

Name	Value
MIL	off
DTC	4
Standard	Not OBD

Readiness tests

Name	Completed
Misfire	Yes
Fuel system	Yes
Comprehensive component	Yes
	No
	No
Oxygen sensor heater	No

Non-continuous tests

DEMO Generic OBD - Information

Delphi DS150E - 200...

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Delphi DS150E - 2009 Release 1 (2.9.1)

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eOBD



Non continuously test results

ECU	TID	CID	Result	Min	Value	Max
10	01	00	Pass	20.480	58.685	---
10	02	15	Pass	0.775	0.925	---
10	02	17	Pass	---	0.190	0.775
10	03	01	Pass	0.115	0.800	---
10	05	05	Pass	9.176	9.704	---

DEMO Generic OBD - Non continuously test results



Delphi DS150E - 200...



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CONTROL OF SYSTEM (EOBD)

Delphi DS150E - 2009 Release 1 (2.9.1)

File Settings Documents External programs Help

DELPHI eOBD

Supported units

- ECU 10 Engine controllers
- ECU 6F Driver information / Displays

Main information

Communication type:
ISO 11519-4 SAE J1850

MIL status:
on

Total number of fault codes:
7

Information

Name	Value
MIL	off
DTC	4
Standard	Not OBD...

Readiness tests

Name	Completed
Misfire	Yes
Fuel system	Yes
Comprehensive component	Yes
Catalyst	No
Oxygen sensor	No
Water	No

Control of system

0-1001

DEMO Generic OBD - Information

Delphi DS150E - 200...

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Delphi DS150E - 2009 Release 1 (2.9.1)

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eOBD



Tests

ECU 10 Engine controllers

- 01 Evaporative system leak te
- 08 Manufacturer specific
- 0A Manufacturer specific
- 0C Manufacturer specific

ECU 6F Driver information / Dis

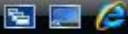
- 01 Evaporative system leak te
- 08 Manufacturer specific
- 0A Manufacturer specific
- 0C Manufacturer specific

Values

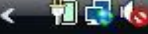
ECU	TID	Name	Value
10	01	Evaporative...	00 81 50 30 00
10	0A	Manufacturer...	00 81 11 11 45
10	0C	Manufacturer...	00 81 41 11 15
6F	01	Evaporative...	



DEMO Generic OBD - Control of system



Delphi DS150E - 200...

01:41 PM



VEHICLE INFORMATION (EOBD)

Delphi DS150E - 2009 Release 1 (2.9.1)

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eOBD?



Supported units

ECU 10 Engine controllers

ECU 6F Driver information / Displays

Information

Name	Value
MIL	off
DTC	4
Standard	Not OBD...

Main information

Communication type:

ISO 11519-4 SAE J1850

MIL status:

on

Total number of fault codes:

7

Readiness tests

Name	Completed
Misfire	Yes
Fuel system	Yes
Comprehensive component	Yes
Catalyst	No
Oxygen sensor	No
er	No

Vehicle information



DEMO Generic OBD - Information



Delphi DS150E - 200...



10:33 AM

Delphi DS150E - 2009 Release 1 (2.9.1)

FileSettingsDocumentsExternal programsHelp



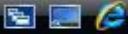
eOBD



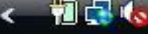
Vehicle information

ECU	Name	Value
10	Vehicle identification number	YS3EB55C223009308
10	Calibration identification number	5382825
10	Calibration verification number	1EBCF15
6F	Calibration verification number	1EBCF15

DEMO Generic OBD - Vehicle information



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01:44 PM



HAPPY DIAGNOSIS!