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To: Technical managers / Service technicians	Date: October 13, 2005
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Abroad <input checked="" type="checkbox"/> NSO / ND	Phone: 07721 / 67-2905
Product / System: KIPAS 2, Guideline for Workshop Technician	Fax: 07721 / 67-2917
Belonging to: KIPAS 2	Email: edmund.mattes@siemens.com
SI No.: 116 010	Page: 1 of 13

Guideline for Workshop Technician: Calibration / Checking with KIPAS 2

Description:

These instructions give an outline in broad terms of the tasks the workshop technician must carry out in connection with KIPAS 2 after checking a DTCO 1381.

- Login
- Filing or selecting a new customer
- New test
- Reading in workshop card, data transfer and archiving
- Completing the registers for "Tachograph data", "Vehicle test", "Device test", "General work", "Special equipment" and "Service"
- Printout of test certificate incl. installation plate

Guideline KIPAS 2: Step by Step for the Technician:
Calibration

These instructions give an outline in broad terms of the tasks the workshop technician must carry out in connection with KIPAS 2 after calibrating a DTCO 1381.

Calibration is carried out after the installation. During the initial calibration which is carried out within 2 weeks after installation or after allocation of the registration number, depending on which event happens last, the vehicle registration number is entered.

Calibration means updating or confirmation of vehicle parameters which must be saved in the mass memory. These vehicle parameters include vehicle identification (vehicle identification number, vehicle registration number und authorized Member State) as well as vehicle features (characteristic coefficient, tachograph constant, actual tire circumference, tire size, speed limiter setting (if applicable), current UTC time, current odometer value).

Access to the DTCO for checking by the workshop technician is only possible by means of a valid workshop card. This workshop card is also the basic requirement for access to KIPAS 2 and the associated data handling.

The basic access to KIPAS 2 by means of the workshop card must be set in advance either by the administrator or by the person in charge of the PC in the workshop.

A more precise description of the individual menu points, technical requirements and components can be taken from the KIPAS 2 manual!

Starting KIPAS 2

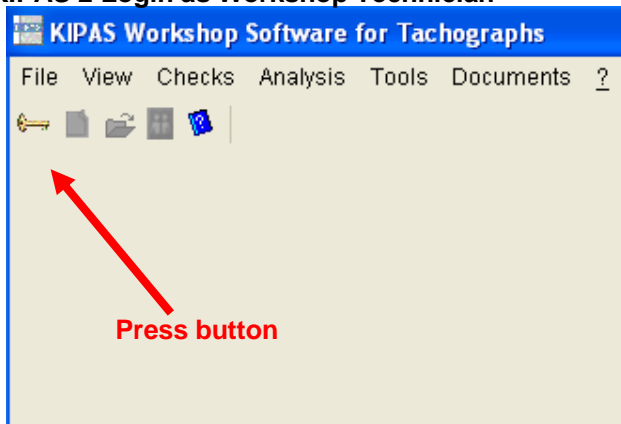
Via: START\ Programs\KIPAS2\KIPAS20

OR

Via KIPAS 2 icon (if laid on the desktop)



KIPAS 2 Login as Workshop Technician



...via "Key" button

OR

Menu: File\Login

Then the following window appears:

Enter user name and password (basic setting is predetermined by the administrator)

...then click on <OK> with the mouse.

In this case the technician is authorized to set **analog** tachographs and the relevant data in KIPAS 2.

In order to be able to deal with **digital** tachographs as well, the login must be carried out as follows: First enter user name and password. Then press <Workshop card> button (not <OK>). After that, insert workshop card according to request.

Appears if login is successful:

...then press <OK> .

When accessing KIPAS 2 for the first time:

The technician should change the standard password allocated to him to his personal password when accessing KIPAS 2 for the first time (Menu: Tools\Change Password). First enter user name and then the new personal password and password confirmation.

...then press <OK> .

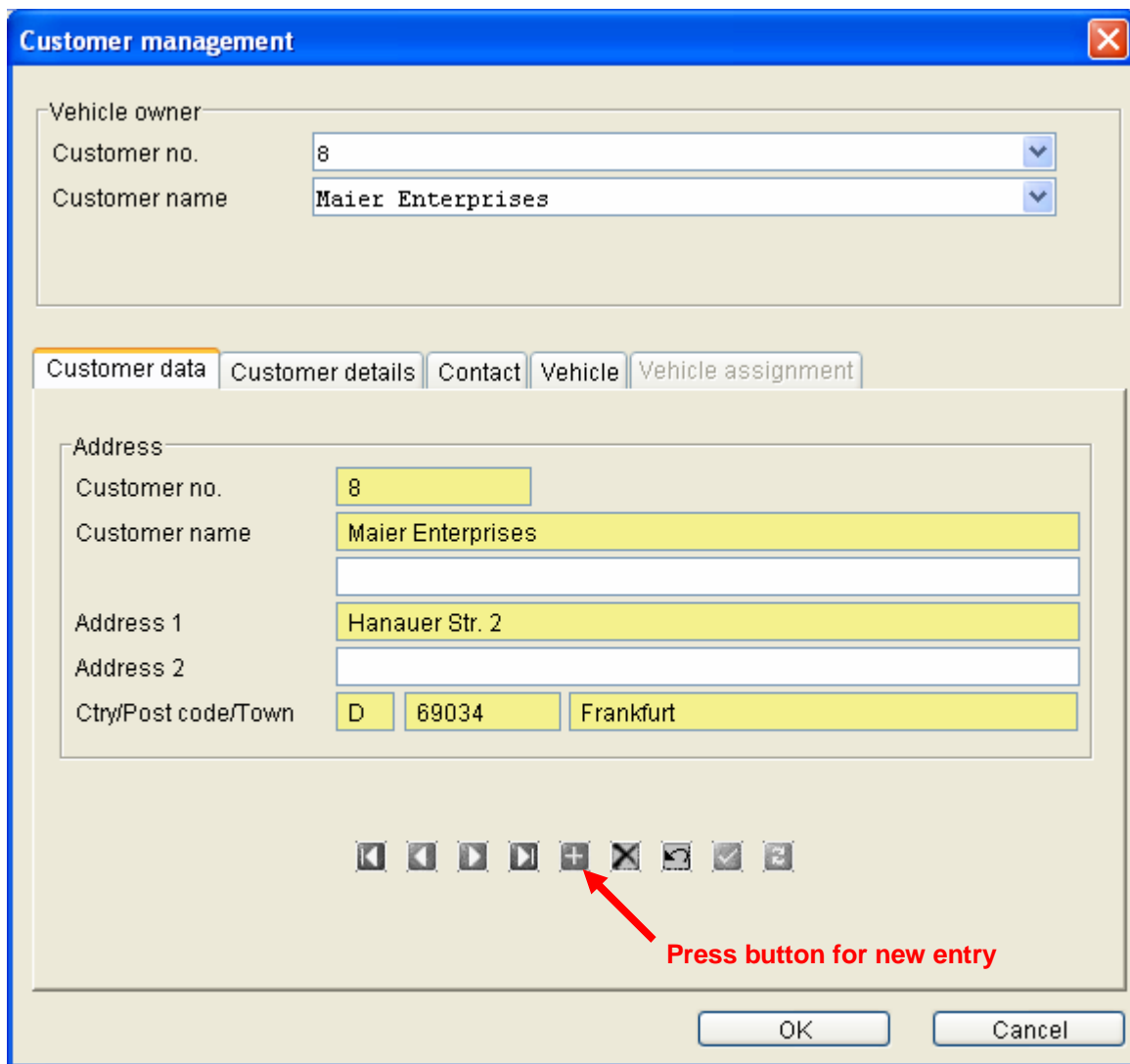
Filing a New Customer

If a file is to be created for a new customer via:

- a) Test\Customer management

IMPORTANT: First start the new entry with the <+> button.

Enter the new customer, thereby filling in all yellow mandatory fields. If not manually changed, the customer number will be automatically counted up.



OR

b) Via Test\New and the <Add customer> button

Please also fill in all mandatory fields in this file.
For confirmation please press <Save> .

Customer management

Vehicle owner

Customer no. []

Customer name []

Customer data | Customer details | Contact | Vehicle | Vehicle assignment

Address

Customer no. 22

Customer name New entry

Address 1 []

Address 2 []

Ctry/Post code/Town [] [] []

Save

OK Cancel

In addition the requested details regarding customers details and contact person must be entered via the registers at the top of the window.

Then the vehicle is assigned to the respective customer:

The new entry of a vehicle is started by pressing the <+> button and at least all yellow mandatory fields must be filled in. Afterwards the settings must be saved by means of the <✓> button (save data record).

For example:

Customer management

Vehicle owner

Customer no. 8

Customer name Maier Enterprises

Customer data | Customer details | Contact | **Vehicle** | Vehicle assignment

Vehicle data

Vehicle no. 069

VIN 123456XYZ78901234

Registration no. F-SV 9876

Manufacturer Mercedes-Benz

Vehicle model Actros

Maximum permissible weight 24.0 tonnes

Registration date 4/9/04

First press <✓> button, then <OK>

OK Cancel

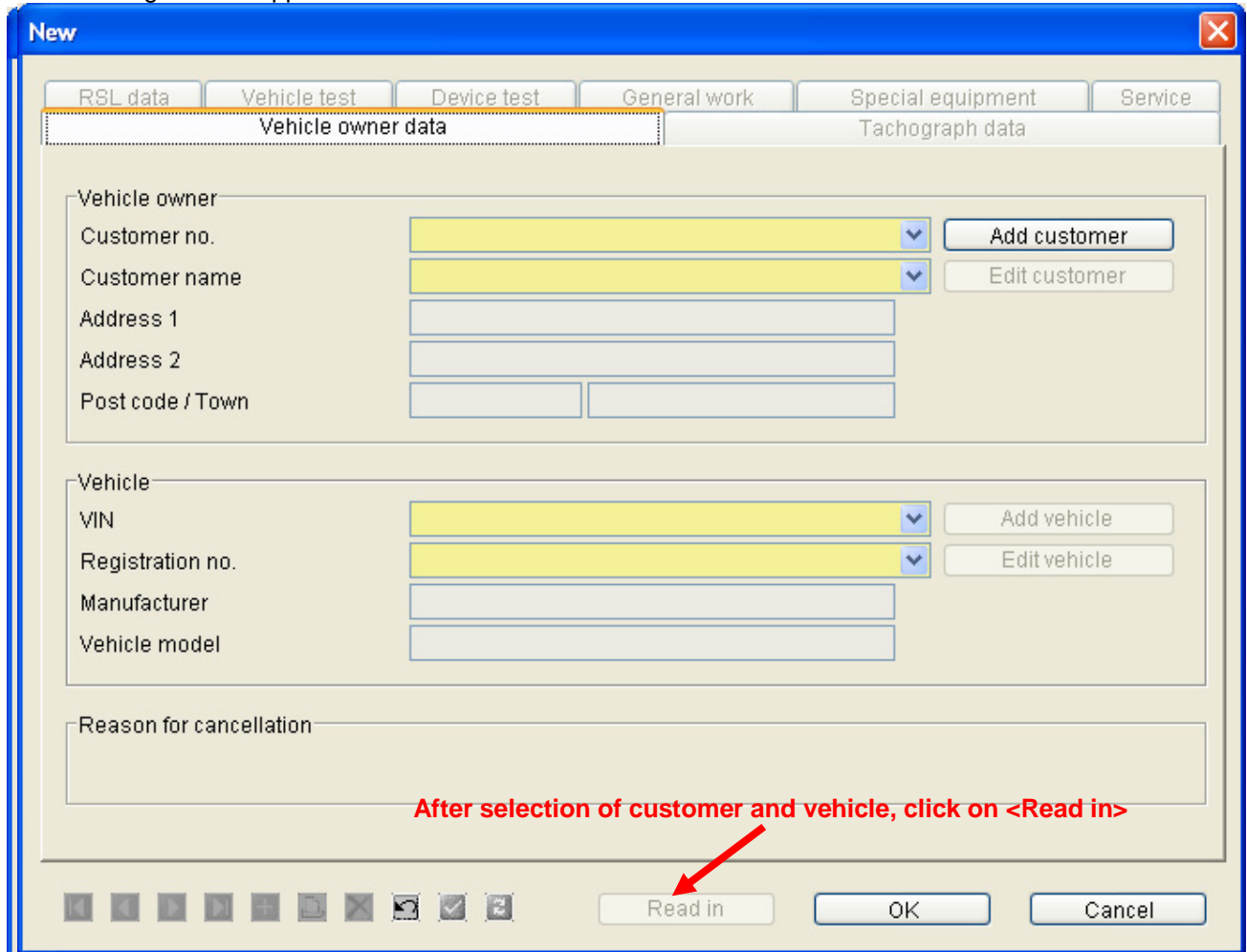
The individual vehicles are to be assigned to the contact persons via the "Vehicle assignment" register, if this is available. Afterwards the settings must be saved by means of the <✓> **button (save data record)**. The window is closed by clicking on <OK>.

Checks\New

Via the menu:

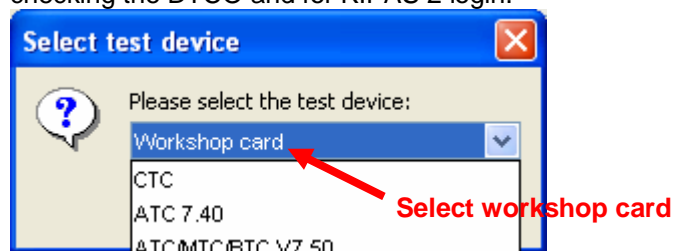
Checks\New

the following window appears:



Select either respective customer and vehicle or vehicle directly for which the check was made. If customer has not yet been registered, proceed via <Edit customer> or <Edit vehicle> as described under "Filing a new customer".

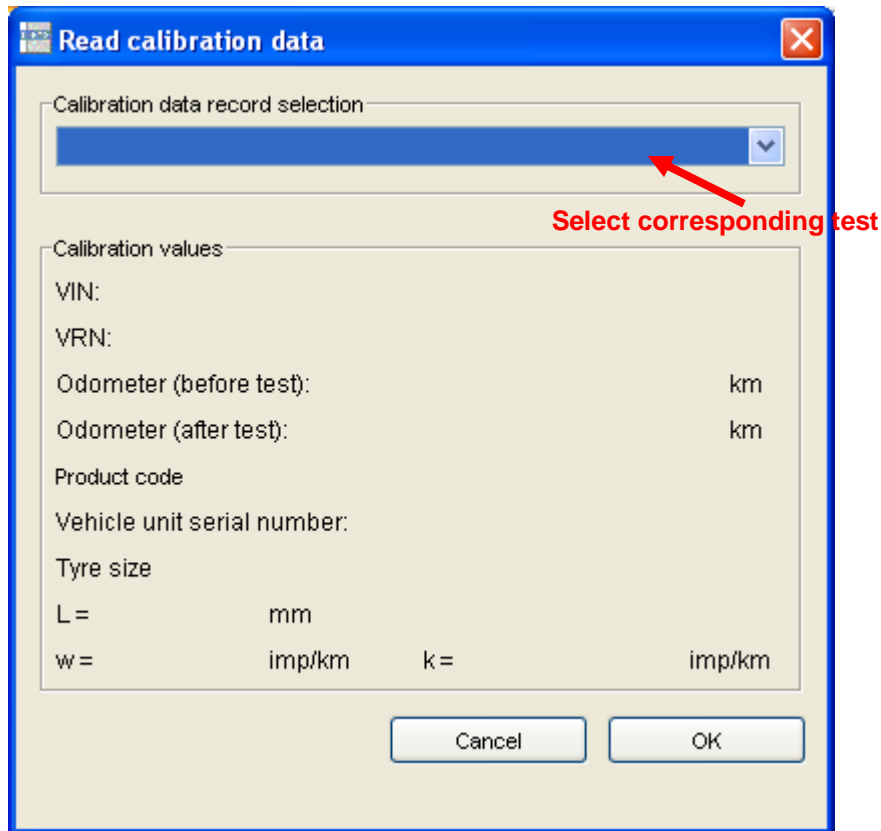
Then click on <Entry> button, select workshop card and insert the technician's workshop card used for checking the DTCO and for KIPAS 2 login.



Guideline

Workshop Software KIPAS 2 Rel 1.xx Step by Step for the Technician Calibration of a Digital Tachograph

The workshop card is read out and the following window displayed:



Then confirm the test with <OK> .

All workshop data are extracted and entered in the relevant fields in KIPAS 2. The missing details must be entered. All yellow mandatory fields which do not contain any details must be filled in.

All entered data of the workshop card (all checks on the card) are stored in the database after test is saved.

By clicking on the registers at the top edge of the window you switch through the various tests and sections and at the same time complete the requested data.

The screenshot shows a software window titled "New: Maier Enterprises / F-ME 9876" with a blue border. At the top, there are tabs for "RSL data", "Vehicle test", "Device test", "General work" (selected), "Special equipment", and "Service". Below the tabs, there are sub-sections for "Vehicle owner data" and "Tachograph data".

General test data:

- Tester: Max Mustermann (dropdown menu)
- Inspection date: 7/8/05 (yellow field)
- Work card no.: (empty text box)

Tachograph data:

- Tachograph inspection completed
- TCO type: 1381.2070000037 (dropdown menu, yellow field)
- Device number: 6484 (yellow field)
- Odometer before test: 1,002 (text box)
- Odometer after test: 1004 (text box)
- Speed range: (empty text box)

Tachograph:

- New
- RAS
- Repair
- Odometer setting: (empty text box)

At the bottom of the window, there are navigation icons and three buttons: "Read in", "OK", and "Cancel".

Guideline

Workshop Software KIPAS 2 Rel 1.xx Step by Step for the Technician Calibration of a Digital Tachograph

After completing the yellow mandatory fields in the registers "Tachograph data", "Vehicle test" and "Device test", the other registers such as "General work", "Special equipment" and "Service" are activated. These must also be completed.

New: Maier Enterprises / F-ME 9876

Vehicle owner data | Tachograph data

RSL data | Vehicle test | Device test | **General work** | Special equipment | Service

Completed checks

- Device type (RSL control unit) and installation acc. to regulations
- Device type (EC tachograph) and installation acc. to regulations
- First inspection completed (seals, chart used for driving to test centre, state)
- Drive cable and running of connection lines and fixings checked
- Fixings and installation of adjustment/angle gear, two speed corrector or sender unit checked
- Test chart drawn up, analysed and stamp information completed
- Electrical connection and fuse checked

Final work

- System completely sealed
- Installation plaque fixed with sealing foil
- Constant plaque fixed with sealing foil
- Test drive completed
- Road speed limiter checked (v max)
- DTCO mass memory archived and handed out to customer

Read in | OK | Cancel

New: Maier Enterprises / F-ME 9876

Vehicle owner data | Tachograph data

RSL data | Vehicle test | Device test | General work | **Special equipment** | Service

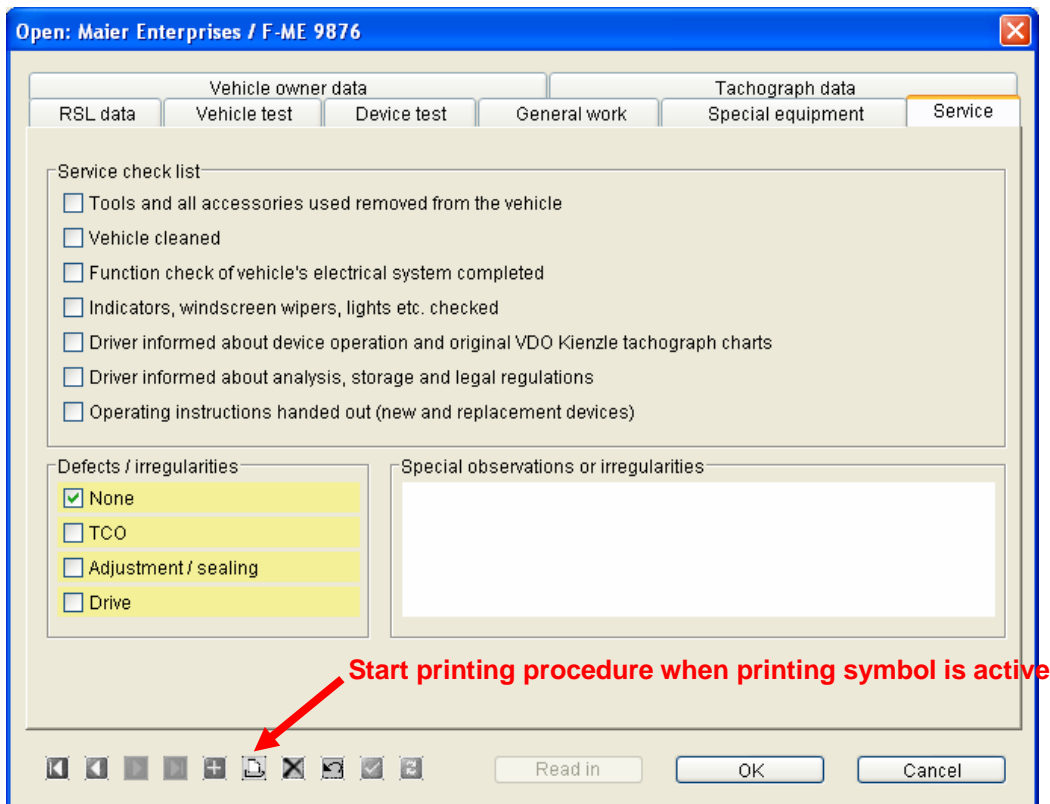
Vehicle with two speed axle

- Vehicle with two speed axle
 - Two speed axle checked
 - Two speed corrector checked

Vehicles for the carriage of hazardous goods

- Vehicles for the carriage of hazardous goods
 - Tachograph and current limiter according to regulations
 - Intrinsically safe circuit checked

Read in | OK | Cancel



After entry of all requested data the settings are saved by means of the **<✓> button** (save data record).

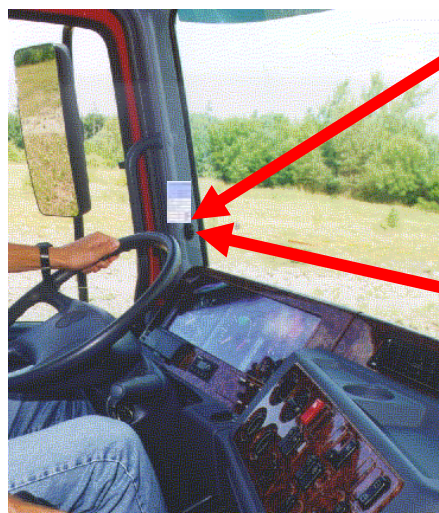
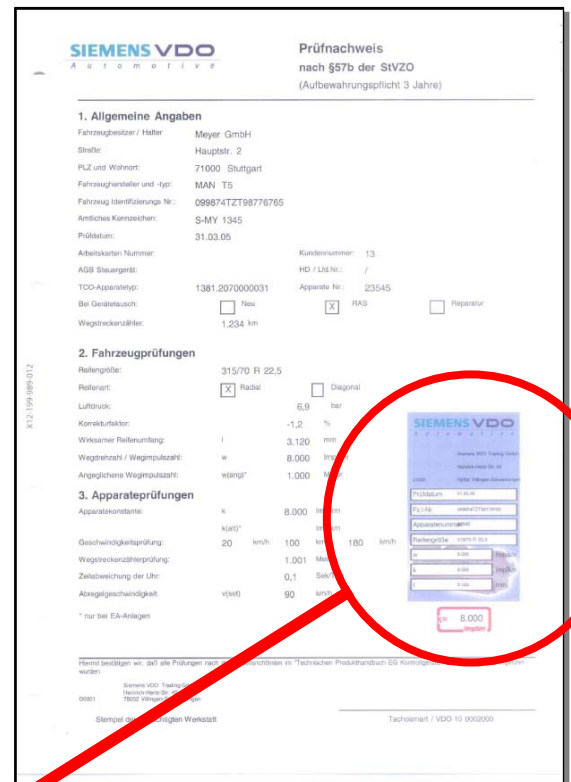
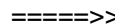
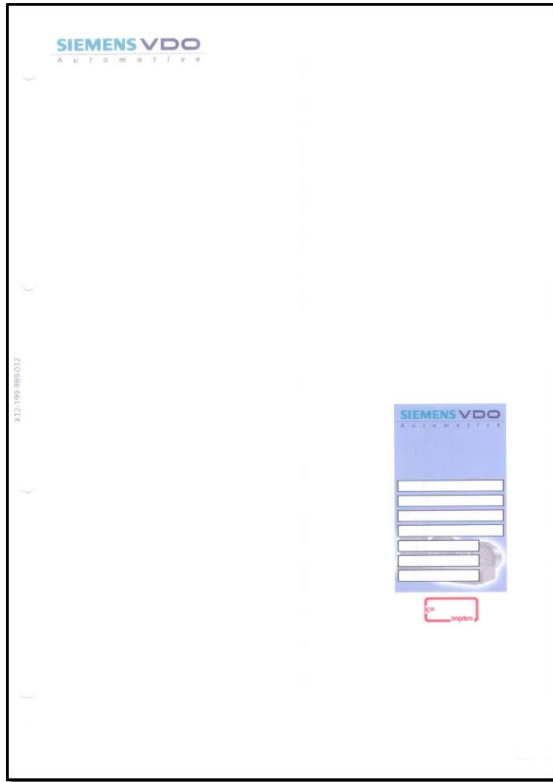
For initial calibration we recommend to use the field "Special observations or irregularities" to enter the following comment: "Initial calibration of a digital tachograph activated by the vehicle manufacturer".

After that the printer symbol will be active in the tool bar.

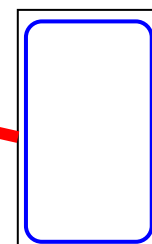
Guideline
Workshop Software KIPAS 2 Rel 1.xx
Step by Step for the Technician
Calibration of a Digital Tachograph

Put the test certificate forms (X12-199-989-012) in the printer and start printing.
The test data are printed on the test certificate.

The necessary printer settings for the exact positioning of the printout were made by the administrator.



Sealing foil (X12-199-989-010)



After printout, detach the installation plate from the test certificate and affix this to the appropriate position in the vehicle (e.g. A or B pillar) and stick the sealing foil on top.

A more precise description of the individual menu points can be taken from the KIPAS 2 manual!

SV S SO VIL SP TCO PS
Edmund Mattes