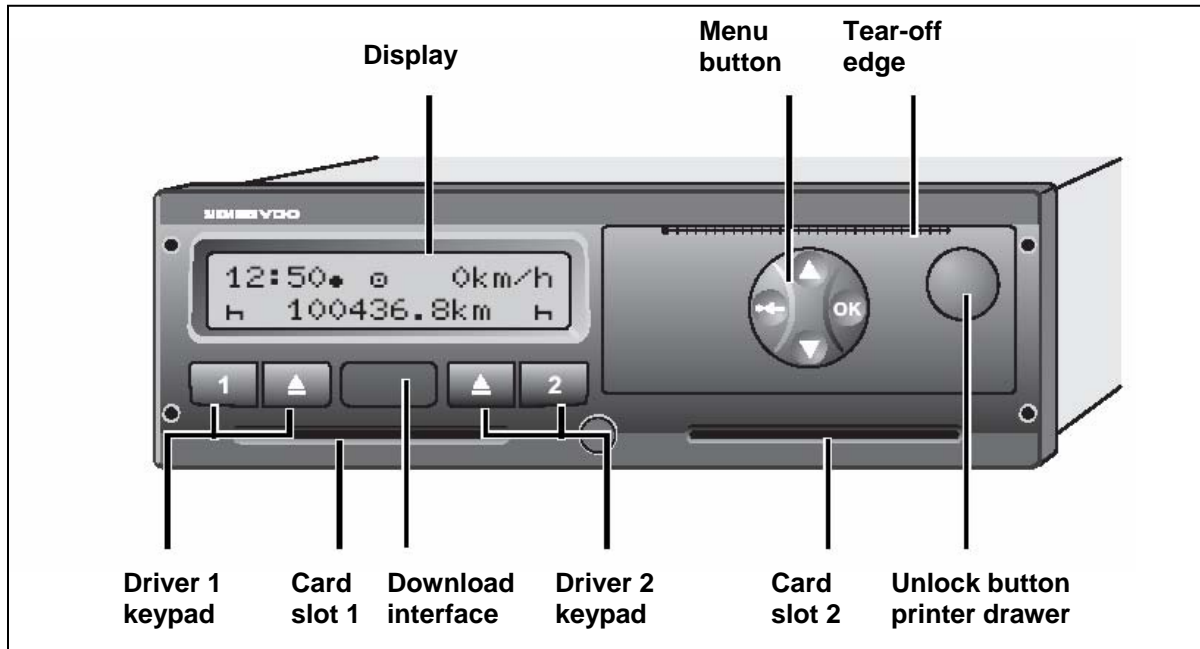



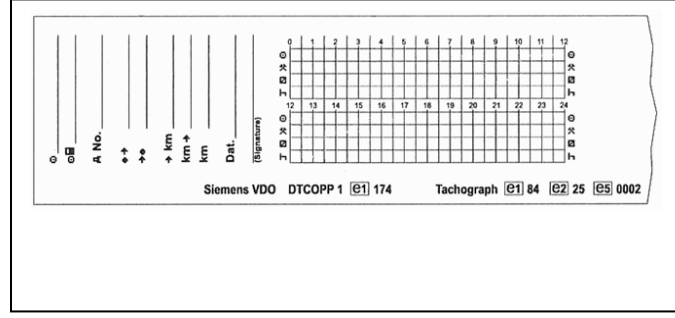
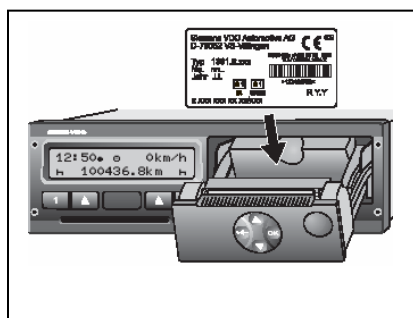
DRIVERS SHORT OPERATING INSTRUCTIONS – DTCO 1381

Display and Operating Elements



- 1** Driver 1 Activity button
- ▲** Driver 1 Eject button
- 2** Driver 2 Activity button
- ▲** Driver 2 Eject button

- 
- ▲** Scroll buttons to select desired menu function
  - ▼** Scroll buttons to select desired menu function
  - ←** Back / Cancel button to leave menu one step at a time
  - OK** Confirm button / acknowledge desired selection
- Menu button



After opening the printer drawer, the data plate is visible showing 'e1 84'. Any printer paper used must also show on the reverse side "e1 84".

### UTC Time (Universal Time Co-ordinated)

The digital tachograph and driver card saves all time entries (including manual entries) for mode activities in UTC time. Also, all time information on printouts is shown in UTC time

### UK and Ireland

#### Converting Local Time to UTC:

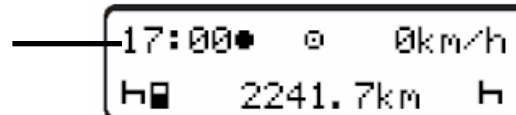
During Winter Time      UTC = Local Time  
 During Summer Time    UTC = Local Time – 1hr

#### Converting UTC Time to Local Time:

During Winter Time      Local Time = UTC Time  
 During Summer Time    Local Time = UTC Time + 1 hr

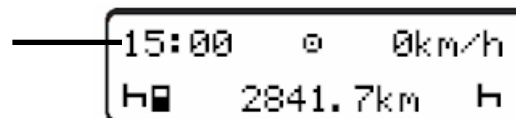
#### Local Time Set

The symbol "●" appears after the time

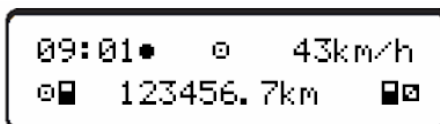


#### UTC Time

The time appears without the symbol "●" i.e. when UTC = local time

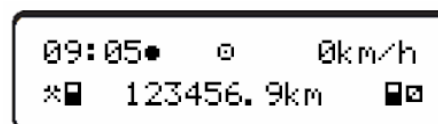


### Mode Activity Behaviour



Whilst driving the digital tachograph switches automatically to the following activities:

- for driver 1 activity "●"
- for driver 2 activity "■"

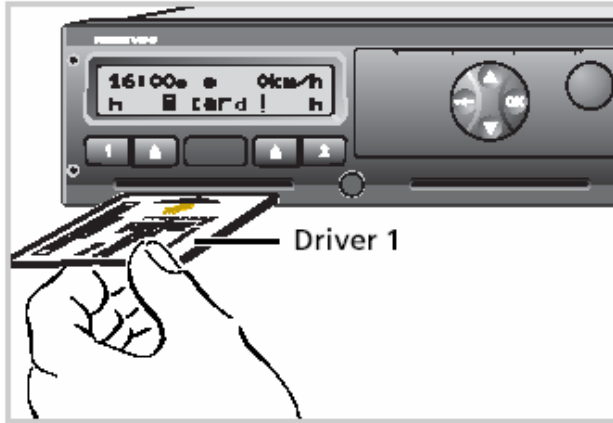


When the vehicle stops, the digital tachograph switches automatically to the following activities:

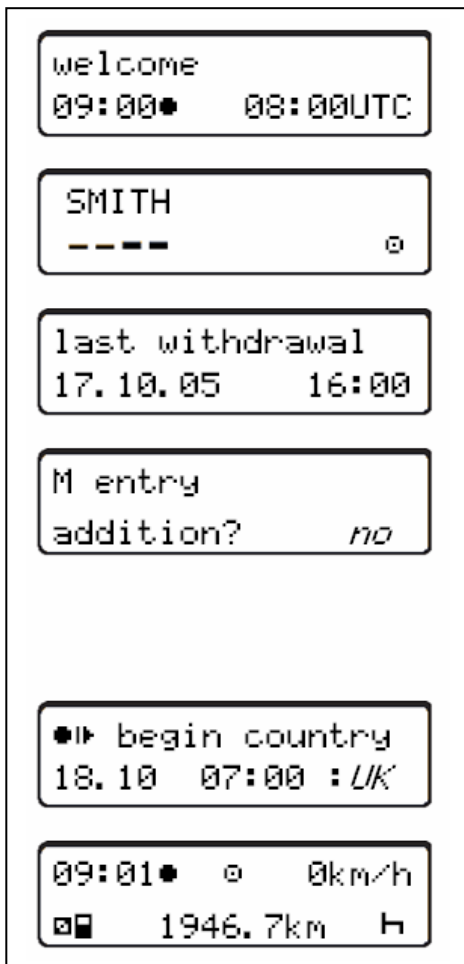
- for driver 1 activity "●"
- for driver 2 activity "■"

### Driver Card Log-in Procedure

- 1) Switch on the vehicle's ignition (pre-release 1.2 version unit and ADR variant)
- 2) Insert Driver Card with the **chip facing upwards and the arrow pointing forwards** into Card Slot 1



- 3) Menu guidance after inserting driver card (with no manual entries):



Greeting text; the set local time (09:00) and the UTC time (08:00) will appear for approx. 3 secs

The driver's name appears. A progress bar indicates that the driver card is being read

The date and time of the previous card withdrawal will be displayed in UTC time for approx. 4 secs

Manual Entries menu (Working away from the vehicle without the driver card inserted):  
**Select "no"** if you do not want to add any mode activities  
**Select "yes"** if you want to add mode activities



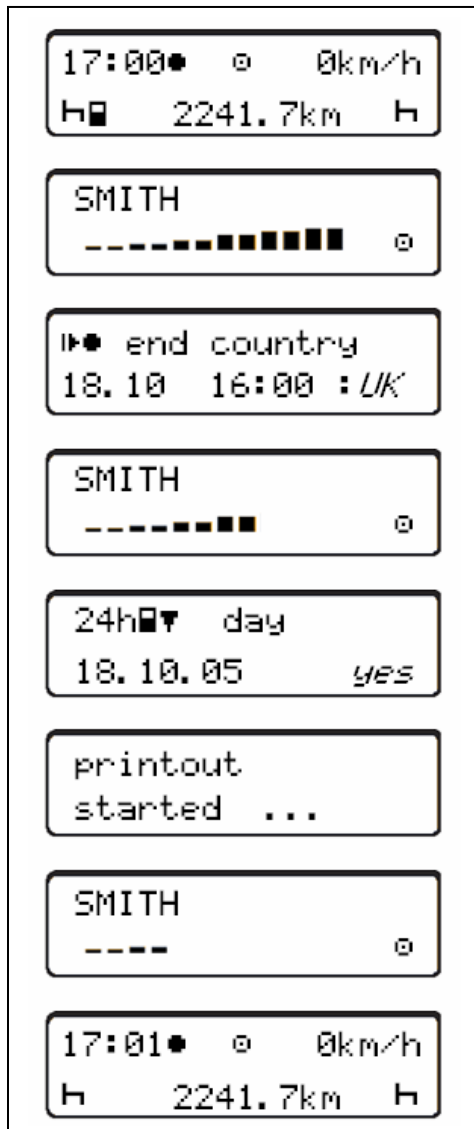
Select Country at the beginning of the shift and acknowledge



The standard display will appear

### Driver 1 Card Log-off Procedure

- 1) Turn on the vehicle's ignition
- 2) Enter the corresponding activity; i.e. at the end of the shift to **H**
- 3) Press the eject button **▲** for card slot 1
- 4) Menu guidance after ejecting driver card 1:



The driver's name appears. A progress bar indicates that the digital tachograph is transferring data to the driver card

Select Country at the end of the shift and acknowledge



Continues writing to the driver card

If you require a printout, select "yes" otherwise select "no" and then acknowledge



If a printout is selected, the display indicates that the printout has started

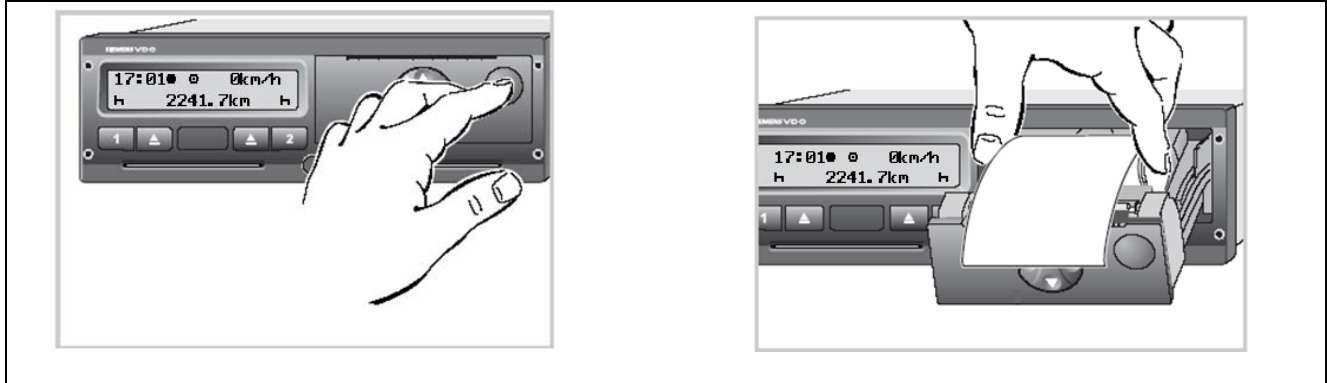
Continues writing to the driver card

The driver card is released and the standard display appears

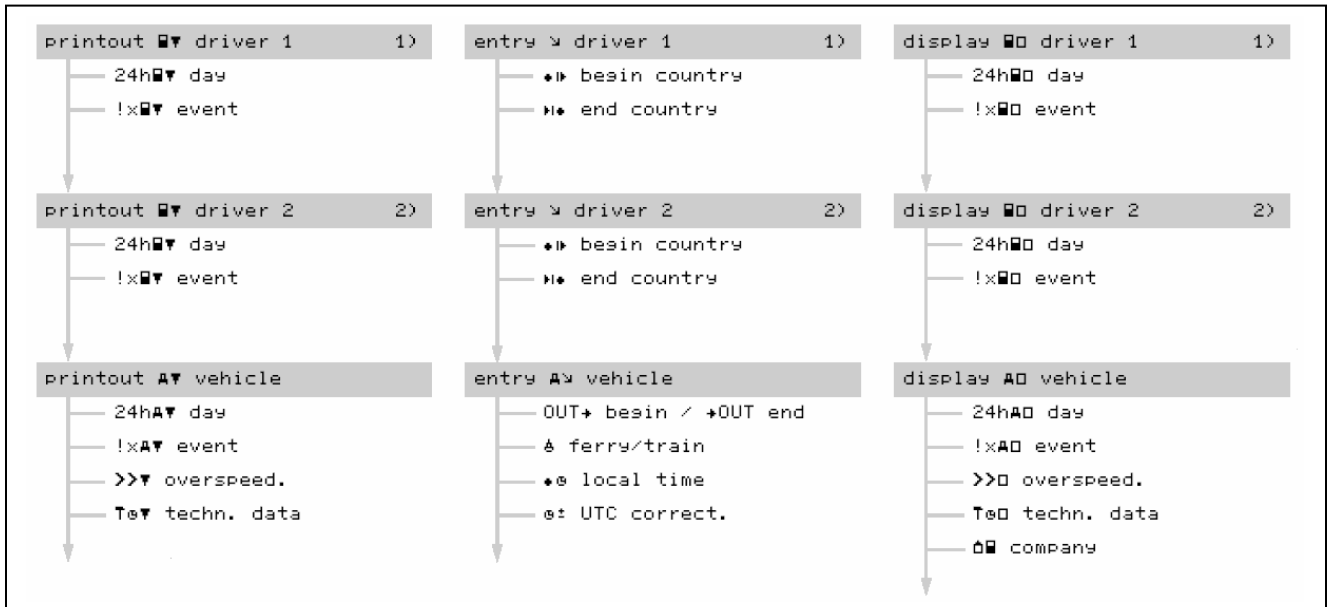
Driver Card Printout Example

<pre> SIEMENS VDO Automotive ▼ 18.10.2005 16:00 (UTC) ----- 24h▼ ----- 0 James   Brian 0UK /45678901234567 7 8 ----- 0 Smith   John 0UK /DB051241420304 0 0   04.01.10 ----- A 34596UBN78ERUYUA6   UK / EF54 EKV ----- B Siemens VDO Automotive   AG   1381.2050100001 ----- T Browns Tacho Centre ----- TUK /WBT0F340111125 0 0 T 01.08.2005 ----- 0UK /45678901234567 7 8 0 01.10.2005 13.10 ▼ ----- 18.10.2005 74 ----- ? 00:00 07:00 07h00 0 07:00 07:30 00h30 * 07:30 08:00 00h30 ----- 1 A UK / EF54 EKV   1 946 km * 08:00 09:06 01h06 0 09:06 10:25 01h19 H 10:25 11:08 00h43 0 11:08 14.23 03h15 H 14.23 15:25 01h02 * 0 15:25 15:46 00h21 0 15.46 16:00 00h14   2 241 km; 295 km ----- ? 16:00 ----- ● 07:00 UK   1 946 km ● 16:00 UK   2241 km   0 04h48 295 km   * 01h36 0 00h51   H 01h45 ? 07h00   00 00h00 -----  x  x !# 1 12.10.2005 17:31   ( 6) 01h21 ----- --- ● ..... 0 ..... 0 ..... </pre>	<p>Date and time in UTC</p> <p>Daily printout of driver activities from the Driver Card</p> <p>Enforcement Officer card holder</p> <p>Driver and Card identification</p> <p>Vehicle identification including VIN, issuing Member State and VRN</p> <p>Identification of the DTCO 1381</p> <p>Most recent calibration including name of Workshop, Workshop Card identification and date of calibration</p> <p>Most recent Control Check including date and time of control and type (i.e. printing)</p> <p>Date of the activities shown and usage counter (i.e. 74 days that the card was used)</p> <p>Time period that the card was not inserted and manual entries</p> <p>Activities while card was inserted (* indicates a rest period of at least an hour)</p> <p>Time period that the card was not inserted</p> <p>Summary</p> <p>List of the five most recent saved events or faults on the driver card</p> <p>List of the five most recent saved events or faults in the DTCO 1381</p> <p>Handwritten information: Location of Control Signature of enforcement officer Signature of the driver</p>
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## Inserting a New Print Roll into the Digital Tachograph



## Menu Structure



## Common Pictograms

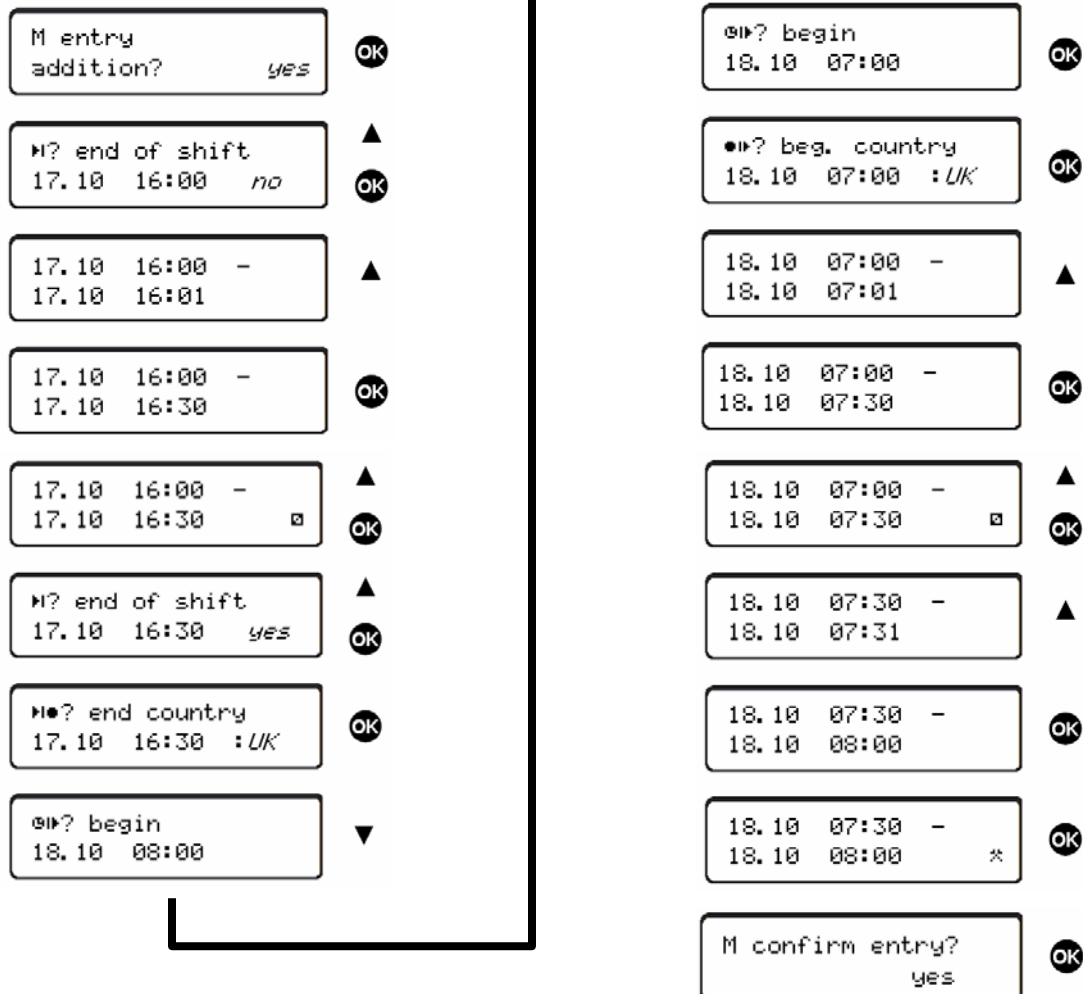
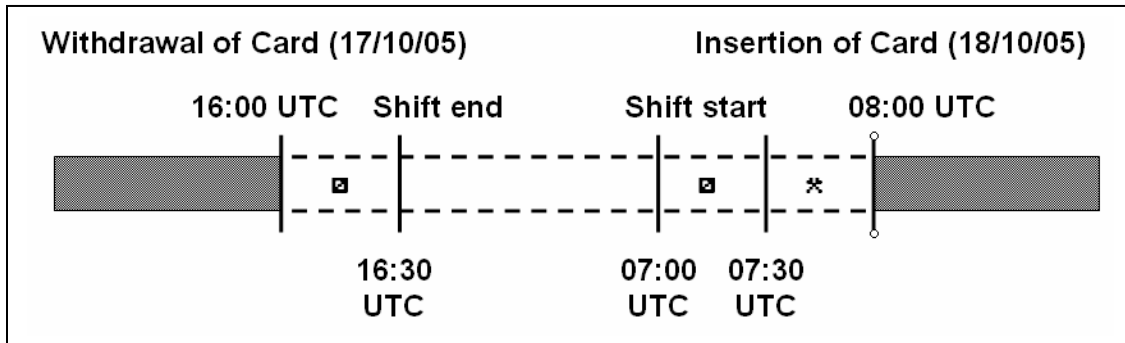
Driving time	Period of Availability	Break and rest time
Other Work Time	Valid interruption / break	Unknown time
Tachograph card	Printer	Display
Vehicle unit	Event	Fault
24h [P] Daily driver activities from the driver card	24h [A] Daily driver activities from the Vehicle Unit	
! [P] Driving without card		

**Manual Entries**

**Example shown - Working away from the vehicle without the driver card inserted**

Driver card was inserted on 18/10/05 at 08:00 with the following manual entries:

- Adding ½ hr  on to the end of the shift 17/10/05 from 16:00 to 16:30 UTC
- Prefixing ½ hr  and ½ hr  on to the start of the shift 18/10/05 from 07:00 to 08:00 UTC



## Driver Cards - Legal Requirements

**First issue** – Drivers should complete DVLA form D777B. The driver card is valid for 5 years and upon renewal the driver must apply not later than 15 days before expiry. The driver may hold one valid driver card only and is authorised to use only his own personalised driver card.

### Lost or Stolen Card

If a driver card is lost or stolen, a replacement must be applied for within 7 calendar days. Stolen cards should be reported to the Police and DVLA. (DVLA tel no: 0870 8501074).

The driver must then at the start and end of the shift generate a daily printout from the digital tachograph and add personal information such as name and signature. Drivers' may continue to drive without a driver card for a maximum period of 15 days or for longer if this is necessary for the vehicle to return to its premises

### Malfunctioning card

A Malfunctioning card should be returned to DVLA using form D777B

### Replacement card

A replacement card must be collected from a DVLA local office or VOSA vehicle test station by the driver when it has been lost or stolen or exchanged. The driver should nominate where to collect the card and DVLA will write to the driver when the card is ready for collection. The driver must prove his identity by providing for example a passport or driving licence.

### Where a driver card is damaged, malfunctions, or is lost or stolen the driver must:

(a) at the start of his journey, print out the details of the vehicle and shall enter onto that printout:

- (i) details that enable the driver to be identified (name, driver card or driver's licence number), including his signature;
- (ii) any mode entries prior to taking over the vehicle

(b) at the end of his journey, print out the information relating to periods of time recorded by the recording equipment, record any periods of other work, availability and rest undertaken since the printout that was made at the start of the journey, where not recorded by the tachograph, and mark on that document details that enable the driver to be identified (name, driver card or driver's licence number), including the driver's signature.

### Tachograph checks during mixed tachograph operation

When using a vehicle with an analogue tachograph a driver must be able to produce:

- the record sheets for the current day and those used by the driver in the previous 28 days;
- the driver card if he holds one, and
- any manual record and legal printout made during the current day and the previous 28 days as required (i.e. when a drivers card has been lost, stolen or malfunctions)

When using a vehicle with a digital tachograph a driver must be able to produce:

- the driver card of which he is holder;
- any manual record and legal printout made during the current day and the previous 28 days as required (i.e. when a drivers card has been lost, stolen or malfunctions)
- the record sheets for the current day and those used by the driver in the previous 28 days during when he drove a vehicle fitted with analogue recording equipment

**IMPORTANT:** These brief instructions should be regarded as a substitute for the DTCO 1381 instructions as prescribed by EU Regulation (EEC) no. 3821/85, Annex IB