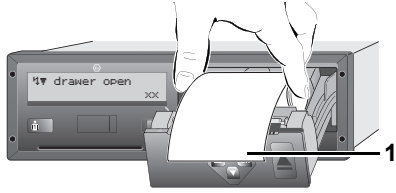## Insert paper roll

▶ Press the unlock button, the printer drawer opens.

1

▶ Insert paper roll.

☞ Make sure that the paper roll does not become jammed in the printer drawer and the start of the paper **(1)** extends beyond the edge of the printer drawer!

▶ Close printer drawer **centrally**. An interrupted printout is automatically continued when paper is inserted (< 1 hour).

▶ Pull the printout up and down over the paper cutting edge and then tear the printout from the roll of paper.

Messages

1 ─── �sxⒶ1 internal
fault   xx⌐ ─── **2**
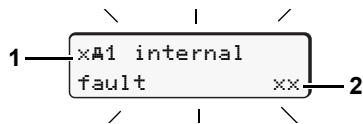
(1) Pictogram and plain text of the message

! = Event, example [!◦▤ driving without card]

x = Fault, example [x𝕀 sensor fault]

ᵋ = Driving time warning [ᵋ◦1 break!]
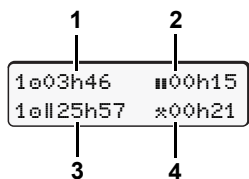   Operational note, example [ᵋ▼◦ no paper]

(2) Error code

For further messages and measures refer to the operating instructions.

Acknowledge message:

▶ Press key ⊛ 2 times, the message disappears.

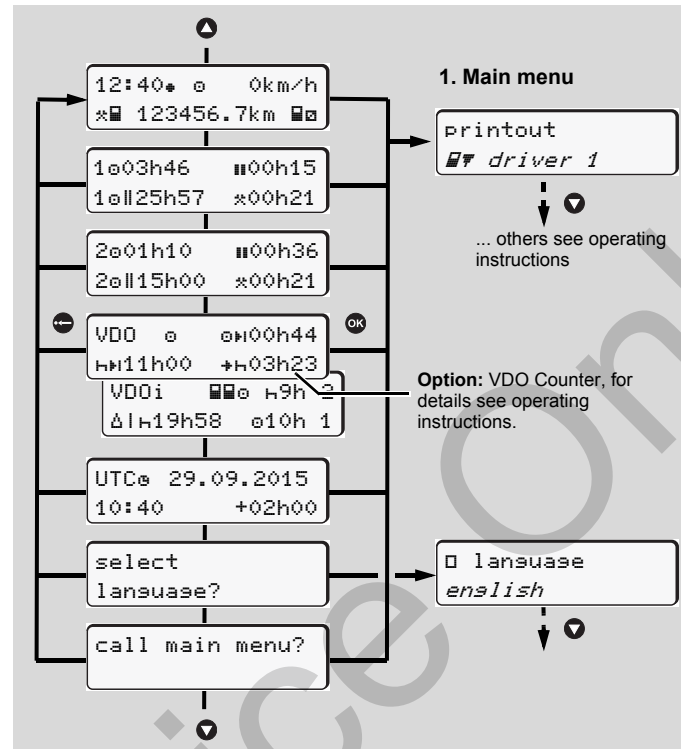## Times of the driver card(s)

1◦03h46   ▮▮00h15
1◦▮▮25h57   ✕00h21

(1) Driving time "◦" since a valid break time.

(2) Valid break time "▮▮", in accordance with regulation (EU) no. 561/2006.

(3) Driving time over two weeks "◦▮▮".

(4) Duration of the set activity.

3   **4**

☞ **These brief instructions shall not, under any circumstances, be regarded as a substitute for the exhaustive operating instructions for the DTCO 1381 prescribed by EU Regulation (EEC) no. 3821/85, Annex I B.**

Calling up menu functions

Possible only when the vehicle is stationary!

▲

12:40⸳ ◦   0km/h
✕▤ 123456.7km ▤▯

1. Main menu

printout
▤▼ driver 1

... others see operating instructions ▼

1◦03h46   ▮▮00h15
1◦▮▮25h57   ✕00h21

2◦01h10   ▮▮00h36
2◦▮▮15h00   ✕00h21

VDO ◦   ◦ᴴ00h44
ᴴᴴ11h00   ▸ᴴ03h23

VDOi ▤▤◦ ᴴ9h 2
△𝕀ᴴ19h58 ◦10h 1

Option: VDO Counter, for details see operating instructions.

UTC◦ 29.09.2015
10:40   +02h00

select
language?

▯ language
english ▼

call main menu?

▼

▶ Use the buttons ▲/▼ to select the desired display.

▶ Use button ⊛ to call up the main menu.

▶ Use ▲/▼ to select the listed functions step by step.

Print daily value:

▶ [printout ▤▼ driver 1] ... [24h�▤▼ day] ... [25.10.2015] ... [printout in UTC yes/no]

Enter "Out of scope" beginning / end:

▶ [entry ᴀ⅄ vehicle] ... [OUT▸ begin] or [▸OUT end]

Enter Beginning of ferry / train:

▶ [entry ᴀ⅄ vehicle] ... [⏏ ferry/train]

▶ Set the current activity.

Set Local time:

▶ [entry ᴀ⅄ vehicle] ... [▸◦ local time] ...

▶ Set Local time in steps of ± 30 minutes.

Brief instructions Driver

DTCO® 1381 – Release 2.1 – 2.2
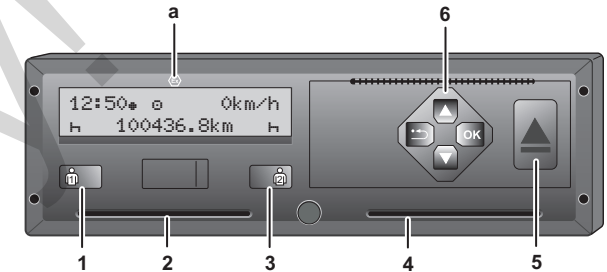
A2C97406600 / 40783900 OPM 000 AA

BA00.1381.22 500 102   ⒼⒷ   www.fleet.vdo.com

Operational elements

a   **6**

12:50⸳ ◦   0km/h
ʜ 100436.8km ʜ

1   2   3   4   5

(1) Driver 1 combination button
Setting of activities and ejection of the driver card

(2) Card slot 1

(3) Driver 2 combination button
Setting of activities and ejection of the driver card

(4) Card slot -2

(5) Unlock button

(6) Menu buttons
▲/▼ = Select function / selection
⊛ = Confirm function / selection
⬅ = Exit, abort menu

(a) "⊜" = Symbol for ADR variant

For the operational elements of the aperture with double-knob operation refer to tthe operating instructions for the DTCO 1381.

Standard display(s) during trip

▶ Press any menu key, change to the desired display.

1   2   3 (a)

12:50⸳ ◦   75km/h
◦▤ 123456.7km ▤▯

4 5   6   7 8
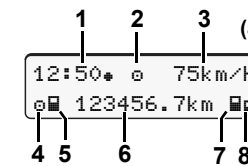
(1) Time (with "⸳" = set local time)
(2) "Operational mode"
(3) Speed
(4) Activity, driver 1
(5) Card symbol, driver 1
(6) Total odometer
(7) Card symbol, driver 2
(8) Activity, driver 2

1   2 (b)

1◦01h21   ▮▮00h15
2▯02h05

3
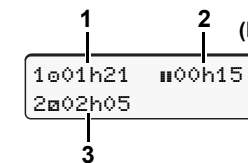
(1) Driving time "◦" Driver 1 since a valid break time.
(2) Valid break time "▮▮", in accordance with regulation (EU) no. 561/2006.
(3) Time of driver 2; availability time "▯".

The option "VDO Counter" allows another standard display; for details refer to the operating instructions.

Insert driver card / Manual entries

Driver 1 who will drive the vehicle inserts his driver card into slot 1.

► Switch on the ignition. (Required only for ADR variant " ⊛ ".)
► Inserting driver card.
► Follow the menu guidance.

```
welcome
07:35*    05:35UTC
```

The set local time "07:35*" and the UTC time "05:35UTC" appear (time offset = 2 hours).

```
last withdrawal
15.04.15   16:31*
```

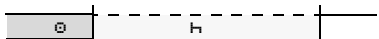The date and time of the most recent card withdrawal will be displayed in local time (symbol "*").

```
1M entry
addition?      yes
```

If you **do not want** to add any activities/rest periods, select "**No**".

Make manual entries with "**Yes**".

```
continue with example:
A / B / C
```

Example A:

Withdrawal (15.04.2015) 16:31 Local time	Insertion (18.04.2015) 07:35 Local time
⊙	⊢

```
M 15.04.15 16:31
⊢ 18.04.15 07:35
```

```
M 15.04.15 16:31
⊢ 18.04.15 07:35
```

► Press and hold key ⊙⫶.
► Automatic jump to the last entry field (minutes blink).
► Release button ⊙ and press it again.

Appears when "End country" was entered during the last withdrawal.

```
•⊪ begin country
:UK
```

```
1M confirm
entry?         yes
```

► Acknowledge entry.

```
07:36* ⊙    0km/h
⊢■ 123456.7km   ⊢
```

"■" = Trip can be started.

Example B:

```
M 24.02.15 23:32
⊢ 25.02.15 02:30
```

```
* 25.02.15 02:30
```

```
* 25.02.15 00:20
```

```
M 25.02.15 00:20
⊢ 25.02.15 02:30
```

```
⊠ 25.02.15 02:30
```

```
•⊪ begin country
:UK
```

```
1M confirm
entry?         yes
```

```
02:31* ⊙    0km/h
⊢■ 123456.7km   ⊢
```

Withdrawal (24.02.2015) 23:32 Local time	Insertion (25.02.2015) 02:30 Local time
	00:20 Local time	
⊙	*	⊠
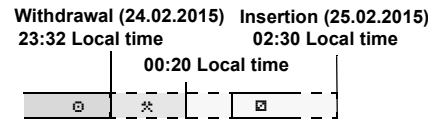
► Set, acknowledge activity "*".
► Set, acknowledge day, hours, minutes.

► Set, acknowledge the next activity "⊠".
► Press and hold key ⊙⫶ (the minutes blink).
► Release button ⊙ and press it again.
► Acknowledge entry.

Example C:

```
M 05.11.15 17:50
⊢ 14.11.15 14:00
```

```
* 05.11.15 18:45
```

```
M 05.11.15 18:45
⊪* ? end country
```

```
⊪* ? end country
:UK
```

```
M 05.11.15 18:45
⊢ 14.11.15 14:00
```

```
? 14.11.15 12:10
```

```
M 14.11.15 12:10
•⊪? beg. country
```

```
•⊪? beg. country
:UK
```

```
M 14.11.15 12:10
⊢ 14.11.15 14:00
```

```
⊠ 14.11.15 14:00
```

```
•⊪ begin country
:UK
```

```
•⊪ begin country
:UK
```

```
1M confirm
entry?         yes
```

```
14:01* ⊙    0km/h
⊢■ 123456.7km   ⊢
```

Withdrawal (05.11.2015) 17:50 Local time	Insertion (14.11.2015) 14:00 Local time
	*	?	⊠
	18:45	12:10	
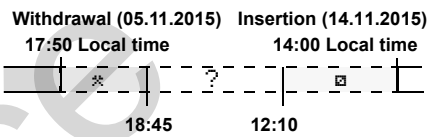
Use key ⊜ in order to ...
– abort the entry of a country,
– select the possible variables (backspace) directly in the entry block.

Withdrawing driver card

► Switch on the ignition. (Required only for ADR variant " ⊛ ".)
► Press the corresponding combination button for more than 2 seconds.
► Follow the menu guidance.

```
⊪* end country
:E
```

```
E      AN
```

```
24h■▼ day
26.10.15       no
```

```
26.10.15      yes
```

```
printout in
UTC-time      yes
```

```
UTC-time       no
```

```
15:05* ⊙    0km/h
⊢■ 123456.7km   ⊢
```

► Select, acknowledge the country.
► If present, select region, acknowledge.
► With button ⊜ you can abort the entry of a country if you, for example, want to continue your work shift.
► If you need a printout, select "**Yes**", acknowledge.

► Acknowledge "**Yes**" if you want a printout required by law. With "**No**", you will receive a printout in "Local time".

The driver card is released.

Setting activities

⊙ = Driving time (automatic when driving)
* = All other working times (Automatically when the vehicle is stopped, for driver 1)
⊠ = Availability: Waiting times, co-driver time, sleeper-cab time during the trip (Automatically when driving or when the vehicle is stopped, for driver 2)
⊢ = Break times and rest periods

► **Driver 1:** Press the combination key Driver 1 repeatedly for a short time until the desired activity (⊢ ⊠ *) is shown in the display.
► **Driver 2:** Press the combination key Driver 2 repeatedly for a short time until the desired activity (⊢ ⊠ *) is shown in the display.

☞ At the end of a shift or during a break, always set activity "⊢"!

Automatic setting after ignition on/off (option):

```
18:01* ¶⊙* 0km/h
⊢■ 123456.7km   ⊢
```

Signalled by flashing of the activity or activities for approx. 5 seconds in the standard display **(a)**. Then, the previous display will appear again.

► As required, change the activity accordingly!

Symbol "*" after ignition off means: IMS function (Independent Motion Signal) available.

Symbol "¶" after ignition off means: The recording of position and vehicle data is switched on.

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