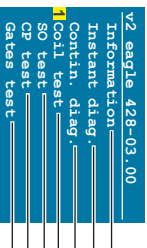


# CHECKING COIN VALIDATOR

We recommend you check the sensor and gate functions before updating the coin validator connected:

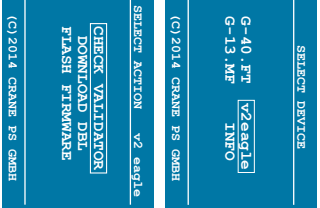
- 1 With the start screen selected, press **F**-key.
- 2 If necessary, use **A** **B** **C** **D** keys to select V2EAGLE.
- 3 Confirm selection with **E**-key.
- 4 Use again the **E**-key to confirm the Check Validator selection.

Validator data: FirmWare & Data Block no., Production, Modification & data block DOWNLOAD date etc.



Instant diag  
Content diag  
SO test  
CP test  
Gates test

Permanent sensor diagnostics detect changes during diagnostics  
Check indicators for sensor [2/2-4] and show quality in %  
Check sensors for coin sizes [2/2-4] and show quality in %  
Check sensors for coin positions in sorting area [2/5-9] and show quality in %  
Test acceptance and optional sorting gates



- 5 Use **A** **B** keys to select diagnostic menu item required and confirm with **E**-key. Validator will be checked and diagnostic results will be shown, if necessary, with relevant cleaning hints (e = external light).

- 6 Use **F**-key to return to diagnostic menu.

- 7 Whenever SO or SGO values are poor please clean the validator's coin runway (cp. V<sup>2</sup> eagle Operating Instructions). If coil or CP values are poor or gates cannot be operated (no clacking sound), please contact a service technician.

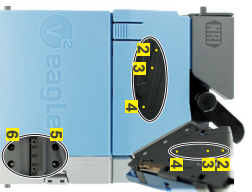
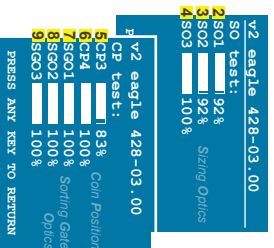
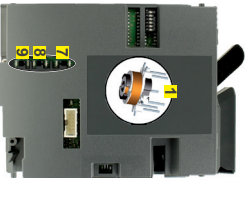


Fig. 2: Sensor positions



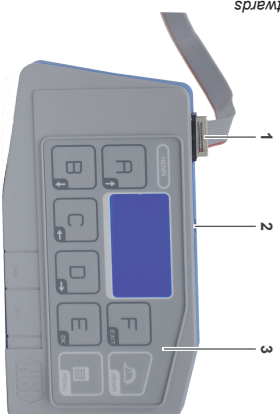
- 3 **1. Fold the sheet with this side facing outwards**

# HENRI+ FOR V<sup>2</sup> eagle

## OVERVIEW



2. Fold the sheet with this side facing outwards



- 1 Interface – coin validator
- 2 Interface – power supply/workshop:  
Female coaxial power connectors for 5.0 x 2.1mm male, 12-24V
- 3 User interface

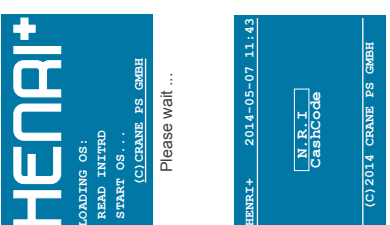
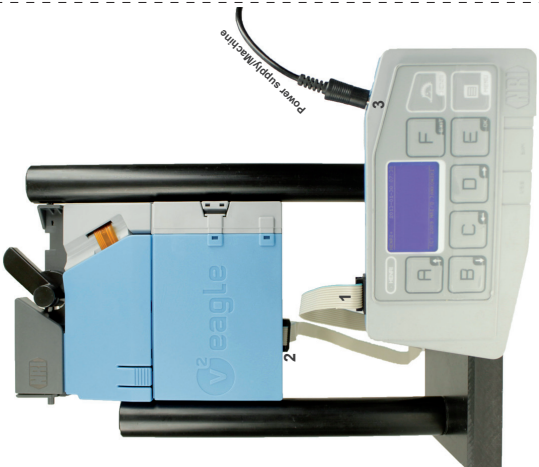
- A** – Highlight menu item (scroll)
- F** – Increase setting
- B** – Highlight menu item (scroll)
- C** – Decrease setting
- D** – Highlight menu item
- E** – Confirm
- F** – Step back

– Set date & time

**CRANE** PAYMENT SOLUTIONS

- 2

Fig. 1: Connecting HENRI+



Start screen

Please wait ...

- 5 After a moment HENRI+ shows the loading and then the start screen.

- 4 If necessary, power up power supply unit.

- 3 Connect the other end of the service cable to the edge connector [1/2] of the coin validator.

- 2 Use the top left 10-pole connector [1/1] to connect the coin validator service cable provided to the HENRI+ tool.

- 1 Disconnect on-site machine cable from coin validator.

- 2 Use the top left 10-pole connector [1/1] to connect the coin validator service cable provided to the HENRI+ tool.

- 3 Connect the other end of the service cable to the edge connector [1/2] of the coin validator.

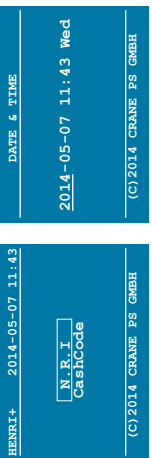
- 4 Plug the 12V female coaxial power connector into the HENRI+ male [1/3] on the top right.

- 5 After a moment HENRI+ shows the loading and then the start screen.

# INSTALLATION

# DATE AND TIME

if the start screen shows the wrong date and time:



- 1 With the start screen selected, press **F**-key.

- 2 Set date and time correctly:

- Use **C** **D** keys to highlight YYYY, MM, DD or time.
- Use **A** **B** keys to set time format highlighted.

- 3 Confirm correct time with **E**-key.

The start screen shows the correct time now.



*Usually, date and time are correct. Loading a new configuration data block or firmware does not require the correct date and time. However, in case of incorrect date and time the wrong time will be written in the coin validator, i.e. if the exact time of the data transfer will be of importance at a later date, e.g., for diagnostic purposes, the wrong time should be corrected.*

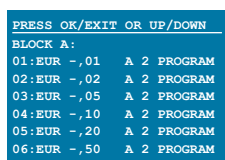
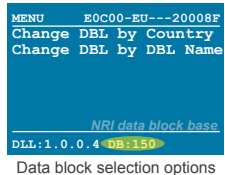
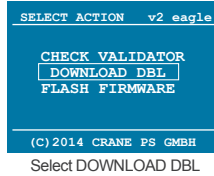
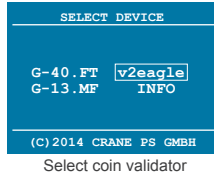
# HENRI+ SHORT REFERENCE GUIDE FOR v<sup>2</sup> eagle

## UPDATING CONFIGURATION

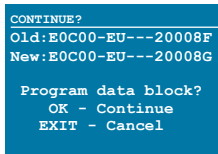
In order to update the coin and device configuration the HENRI+ service tool can be data carrier for one or several new data block (revision) files for different coin validators. The letter suffix in the data block number indicates the data block revision (E0C00-EU---20008F). HENRI+ is used to select the new data block and to install it in the coin validator:

**i** Please use the heartbeat HENRI+ Manager to select the data blocks required and to load your selection onto the HENRI+ tool.

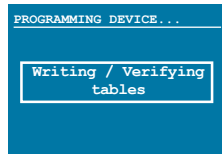
- With the start screen selected, press **E**-key.
- If necessary, use **A**, **B**, **C**, **D**-keys to select V<sup>2</sup> EAGLE.
- Confirm selection with **E**-key.  
You go to a menu. Here you may select amongst others what is to be updated in the coin validator connected.
- Use **A**, **B**-keys to select DOWNLOAD DBL.
- Again use **E**-key to confirm the selection and wait till HENRI+ has loaded all relevant data blocks and shows a screen with the currently installed data block in the top line. You may now select the new data block by COUNTRY/currency or by the data block number.
- If necessary, use **A**, **B**-keys to select CHANGE .. BY NAME and confirm selection option with **E**-key. After a while, you go to a country or directly to a data block list offering only those data blocks (countries) suitable for the coin validator connected. The data block installed or rather the currency/country of the data block installed is highlighted.
- Use **A**, **B**-keys to select relevant country or data block number and confirm selection with **E**-key. The next screen lists all memory block A and B coin channels (1–16) with
  - Currency code
  - Coin
  - Coin revision (e.g. A)
  - Acceptance band width (1 = wide, 2 = normal, 3 = narrow, 4 = very narrow)
  - What HENRI+ is going to do with the coin channel when loading the data block selected (program, delete).
- Use **A**, **B**-keys to check the channel-coin assignment and whether the channel will be programmed or deleted.
- Confirm selection with **E**-key.  
In order to prevent wrong data block files from being loaded unintentionally HENRI+ again shows the old and new data block number selected and asks if this data block is to be loaded.



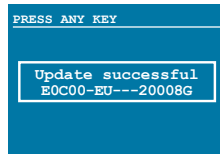
Data block preview



Correct data block?



Writing data block ...



Successful data block update

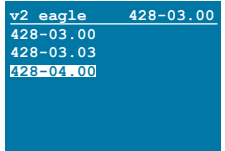
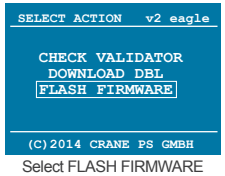
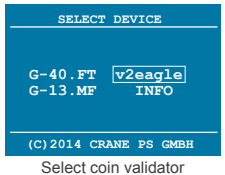
- If the data block selected is the correct data block, start data block upload with **E**-key.  
The new data block will be written into the coin validator.
- Use any key to return to menu or disconnect HENRI+ from coin validator.

## UPDATING FIRMWARE

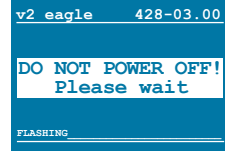
The HENRI+ service tool can be data carrier for one or several new firmware files for different coin validators. HENRI+ is used to select the new firmware and to install it in the coin validator:

**i** Generally, the firmware of a coin validator should not be changed or updated with the sole exception of firmware errors. In this case, the new firmware will be e-mailed to you or is available on request.

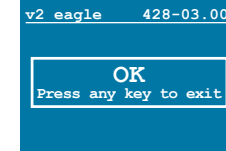
- With the start screen selected, press **E**-key.
- If necessary, use **A**, **B**, **C**, **D**-keys to select V<sup>2</sup> EAGLE.
- Confirm selection with **E**-key.  
You go to a menu. Here you may select amongst others what is to be updated in the coin validator connected.
- Use **A**, **B**-keys to select FLASH FIRMWARE.
- Again use **E**-key to confirm the selection.  
HENRI+ shows the current firmware in the top line and the new firmware file(s) under it.
- If necessary, use **A**, **B**-keys to select the firmware required.
- Confirm selection with **E**-key.  
In order to prevent wrong firmware versions from being loaded unintentionally HENRI+ again shows the new firmware version selected with its release date and asks if this firmware is to be installed.
- If the version selected is the correct version, start firmware update with **E**-key.  
The new firmware will be installed.
- Wait till HENRI+ shows OK, PRESS ANY KEY TO EXIT.



Select new firmware



Installing firmware ...



Successful firmware update



The HENRI+ service tool must never be disconnected from power during data transfer process! Otherwise the coin validator may be damaged seriously and service will be required.

- Use any key to return to menu or disconnect HENRI+ from coin validator.