4 INSTALLATION

Menu item	Service function	Comments
14.6:	Show display contrast	This function can be used to change the contrast of the display. **■ PLEASE NOTE!** It is also possible to reduce the contrast to such an extent that the screen display is no longer visible. With each PowerOnReset (remove fuse) the contrast is reset to the as-delivered condition.

EASYSTART SELECT VEHICLE WORKSHOP MENU

The service functions listed in the following can be displayed, read out and / or changed via the vehicle workshop menu.
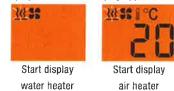
■ PLEASE NOTE!

To correct the fault, refer to the heater's repair instructions.

OPENING THE VEHICLE WORKSHOP MENU

Display ON, the Start display appears.

Start display
water heater

Start display
air heater

Press button ◄ and ► at the same time for longer than 5 sec.

The workshop menu is displayed.

Press the ◄ or ► button to select the required item, e.g. »Item 2: Select temperature unit, °C or °F« and confirm by pressing the OK button.

Use the ◄ or ► button to select the temperature units °C or °F.

Press the OK button to confirm the selection.

Exit the workshop menu via Timeout.

SERVICE FUNCTIONS OVERVIEW

Menu item	Service function	Comments
1.1:	Display current fault	Heater must be switched on. The AF display and the digits of the current fault are displayed alternately. The current fault is always written in fault memory F1. "ndi" is displayed if no diagnostics cable is connected.
1.2:	Read out fault memory F1 – F5	Heater must be switched on. The F1 display and the digits of the error code are displayed alternately. Select fault memory F2 – F5 display with the ◄ or ► button. "ndi" is displayed if no diagnostics cable is connected.

4   INSTALLATION

Menu item	Service function	Comments
1.3:	Delete fault memory F1 – F5	Heater must be switched on. Press the ▮▮▮ button to confirm the DEL display. "ndi" is displayed if no diagnostics cable is connected.
2:	Select temperature unit, °C or °F	Default: °C
3.1:	Set undervoltage limit	Default: 8 volt, Setting range: 8 – 28 volt in 0.1 volt increments (display, e.g. 271 for 27.1 volt).
3.2:	Set undervoltage limit "Offset"	Default: 0 volt, Setting range: 0 – 6 volt in 0.1 volt increments (display, e.g. 55 for 5.5 volt).
3.3:	Set "Fault detection" debounce time	Default: 20 seconds, Setting range: 5 – 255 seconds in 1 second increments.
4.1:	Setting the operating time	Default: 60 min. for water heaters / infinite for air heaters Setting range: 10 – 120 min. in 1 min. increments, from the 120th min. – 720 min. in 5 min. increments. Continuous heating mode is also possible for air heaters (select OFF). ▮ **PLEASE NOTE!** The function is blocked for combination with other control units.
5:	Reset to as delivered condition	Press → button ▮▮▮ to confirm.
6.1:	Read out control unit hardware version	Function is intended for internal purposes only.
6.2:	Read out control unit hardware version	Function is intended for internal purposes only.
6.3:	Read out control unit software version	Function is intended for internal purposes only.
6.4:	Read out control unit software version	Function is intended for internal purposes only.
14:	Show all icons (display)	Cancel with ▮▮▮ button