

**TB KLN019**

## **TECHNICAL BULLETIN**

**Information Only**

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**For the Attention of :** SLL Testers, Service Engineers, Training Dept.  
**From:** Tony Knapp – Product Support Engineer  
**Date:** 08 April 2019  
**Product:** Kleemann  
**Subject :** **U Control H20 Error 46**  
**Pages :** 1 of 2

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### **Background**

Error 46 is logged as a UCM I Valve Error

This is logged when the monitoring of the I-VALVE emergency stop down valve has detected a fault.

The error could be a real UCM error or a monitoring error between the hydraulics and the controller. To determine a real fault we should follow the bulletin provided.

### **Actions**

If error occurs follow the instructions on the manufacturers' bulletin attached. Check latest version of software is fitted (KN05T2). A stock of KNO5T2 chips are held at Andover. Please contact Margaret Pitman at Andover if you require a new software and provide job number for the lift it is required on.

Tony Knapp



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<b>PRODUCT BULLETIN</b>	Kleemann Ref. No: P.BUL.01.02.19.V2 Date: 01/03/19
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<b>Bulletin Title:</b>	Error 46 in Ucontrol H20	<b>Valve Type:</b>	Ivalve
<b>Lift Type:</b>	Hydraulic	<b>VVVF Type:</b>	-
<b>Controller Type:</b>	Ucontrol H20		

**Bulletin**

This product bulletin is a guidance on how to successfully address an error 46 that was found to be happen in the hydraulic version of Ucontrol (H20) with software versions before KN03T9 (week 14, 2018).

Further details will be provided by the Kleemann factory and the corresponding department on an official statement of reasons and explanation on how and why this error occurred and further the actions taken to solve it.

How to check and address the fault when this happened:

1. Using the Bucher hand terminal check in menu 4 any corresponding errors & SMA events (it is separate and further down in the menu). See if any SMA event or other error is matching the time and date of error 46 in the controller. If yes then you have real Bucher fault and you should address it accordingly (please do not hesitate to contact us for assistance on 01869327070). Please remember to check if time and date are set correct in Kleemann controller.  
If there are no matching errors or SMA events logged in the Bucher card, please proceed to step 2.
2. Please proceed with the software update by following the bellow steps having latest chip in hand and proper chip extracting tool in order not to damage the chip or its base.
  - a) Put the lift in Recall.
  - b) Get into menu Para Type and then scroll down to Para F and enter.
  - c) Make a note of the F values in the provided manual next to the advised by the factory .
  - d) Switch off the power supply (please make sure the main board is switched off)
  - e) Using the chip extracting tool we take out the old chip carefully

- f) Unplug the JP4 plug from the main board (can bus plug)
- g) Carefully plug the new chip in with latest software version
- h) Give power back to the controller.
- i) Get into menu Para Type and then scroll down to Para F and enter.
- j) Check all F values against the notes taken on the manual and especially F162 & F166.
- k) Make parameter F112 & F67 to 1 in order to take default En81.20 settings
- l) With the electrical drawings in hand get into the Add Func menu
- m) Get in input or output selection accordingly to check all inputs and outputs described at the back of the electrical drawing diagrams (inputs & outputs can be adjusted by simply changing their values) and especially pay attention on HY2, HY5 & HY8 to be as per back of the drawings description.

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- n) Plug back in the JP4 plug.
- o) Check version of software if it is the correct (KN5T2 or latest)
- p) Check lift operation.
- r) Finished.