

# Application note SL20100312

## Animation plug recovery procedure

### Prerequisite:

1. Make additional diagnostics to make sure that the plug is broken and not the output port on the controller.
2. Make sure that the controller has firmware 2.0 or above.
3. Remove the broken plug and replace it properly with a 'blank plug'.

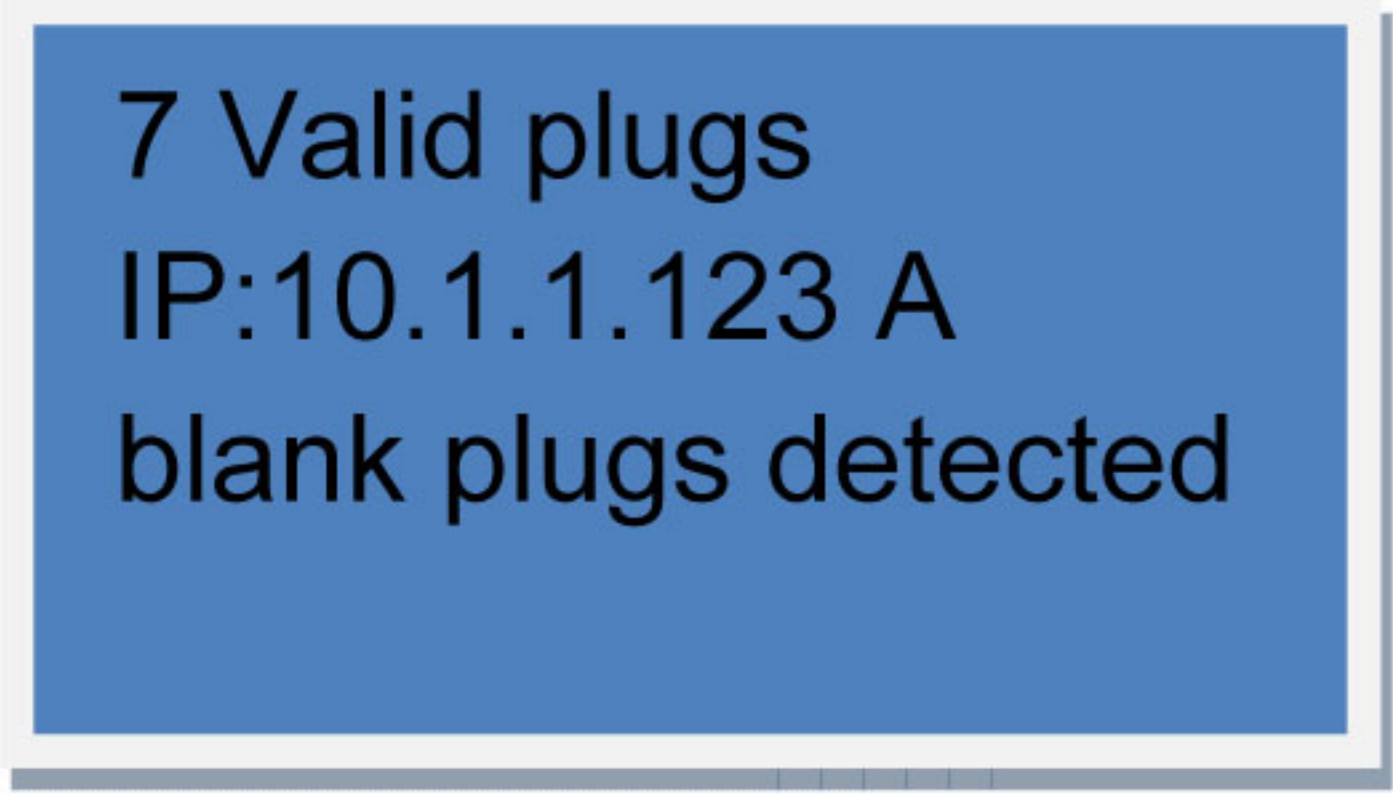
### IMPORTANT NOTES:

The blank plug is **not** an of-the-shelf XLR-plug. You must obtain on original 'blank plug' via a sales channel of ShowLED.

In order to make this procedure to work the plugs must have been made redundant before!

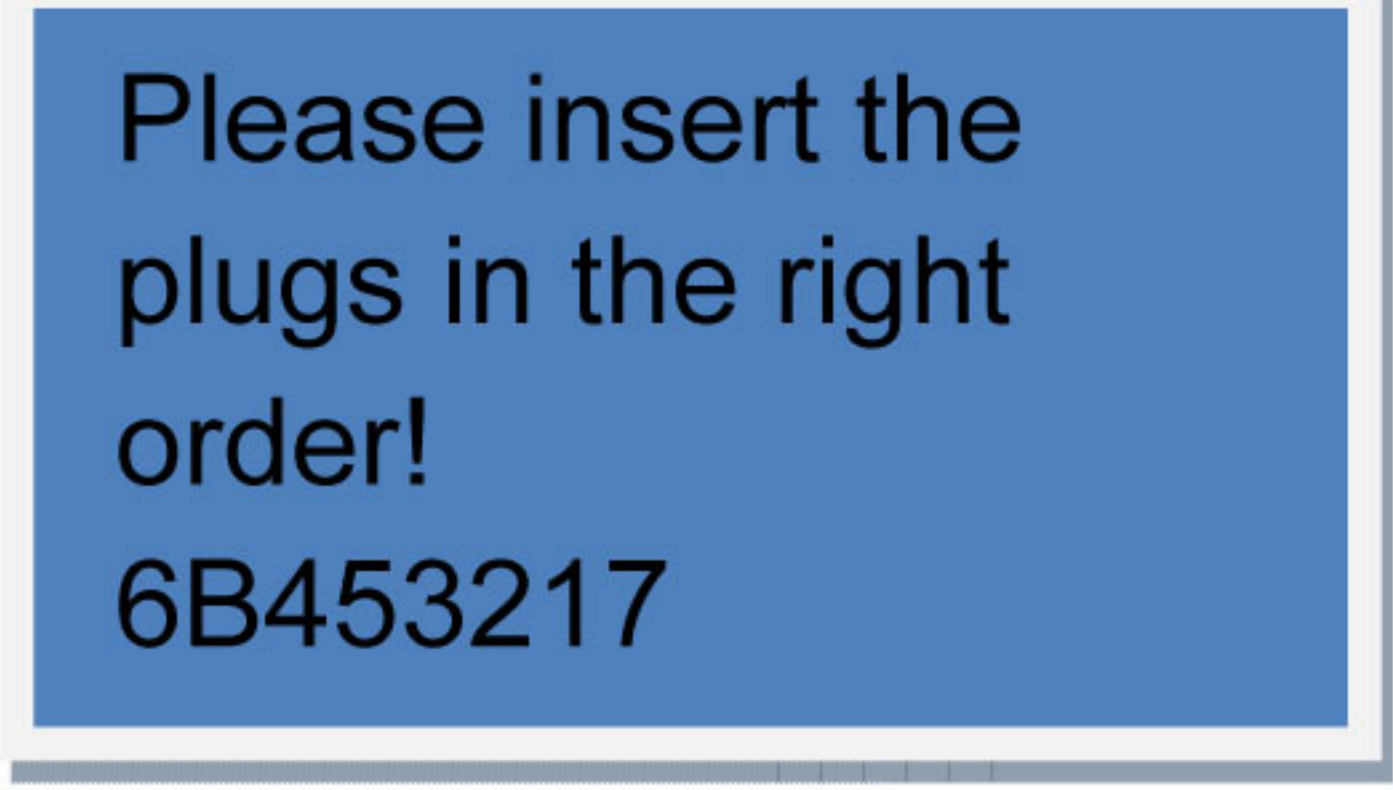
### The actual procedure:

1. Plug-in al the plugs of the cloth in the controller including the blank one.  
If the plugs are numbered, do it in the right order.
2. Power up the controller.
3. After the boot up sequence the display will show similar information as below.

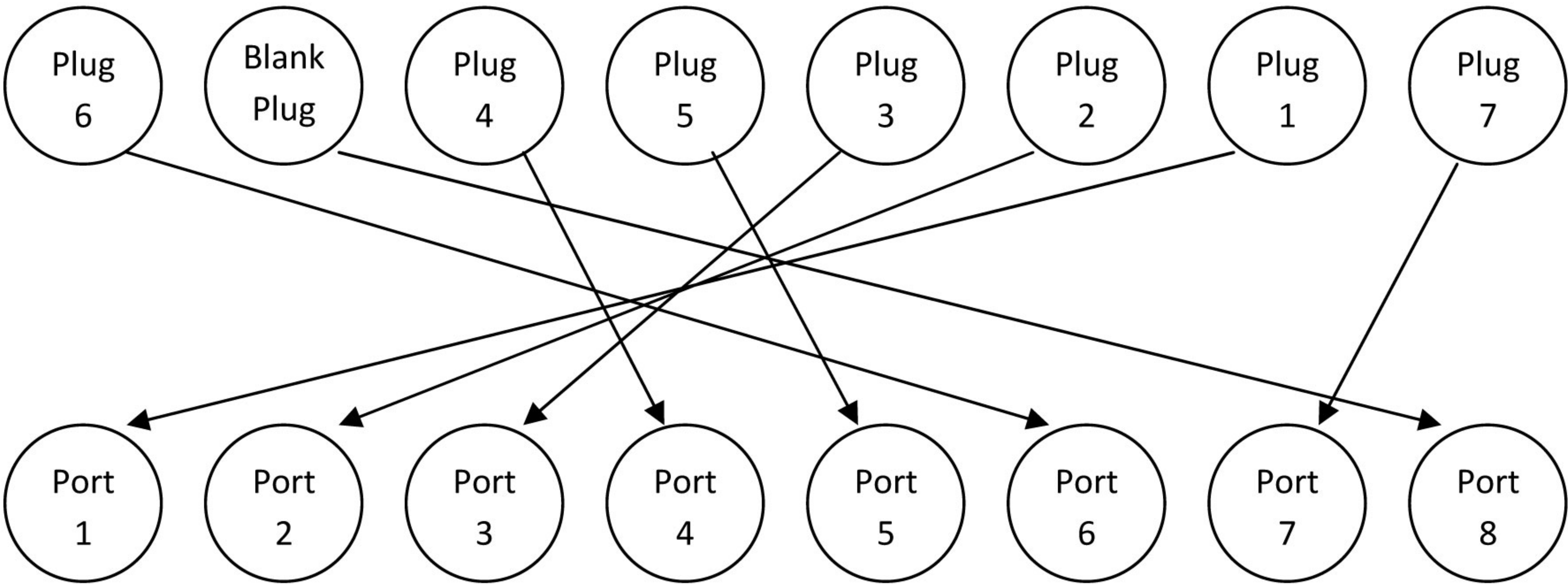


4. Go in the 'Main Menu' of the controller and select 'Utilities'. In the 'Utilities' submenu select 'Repair plug'.  
If the plugs were detected in the right order you will get a screen as displayed in point 7 , if so proceed to point 7.

5. If the plugs are not in the right order the display will show similar information as below.  
The last line on the display gives you a hint how the re-patch the plugs.

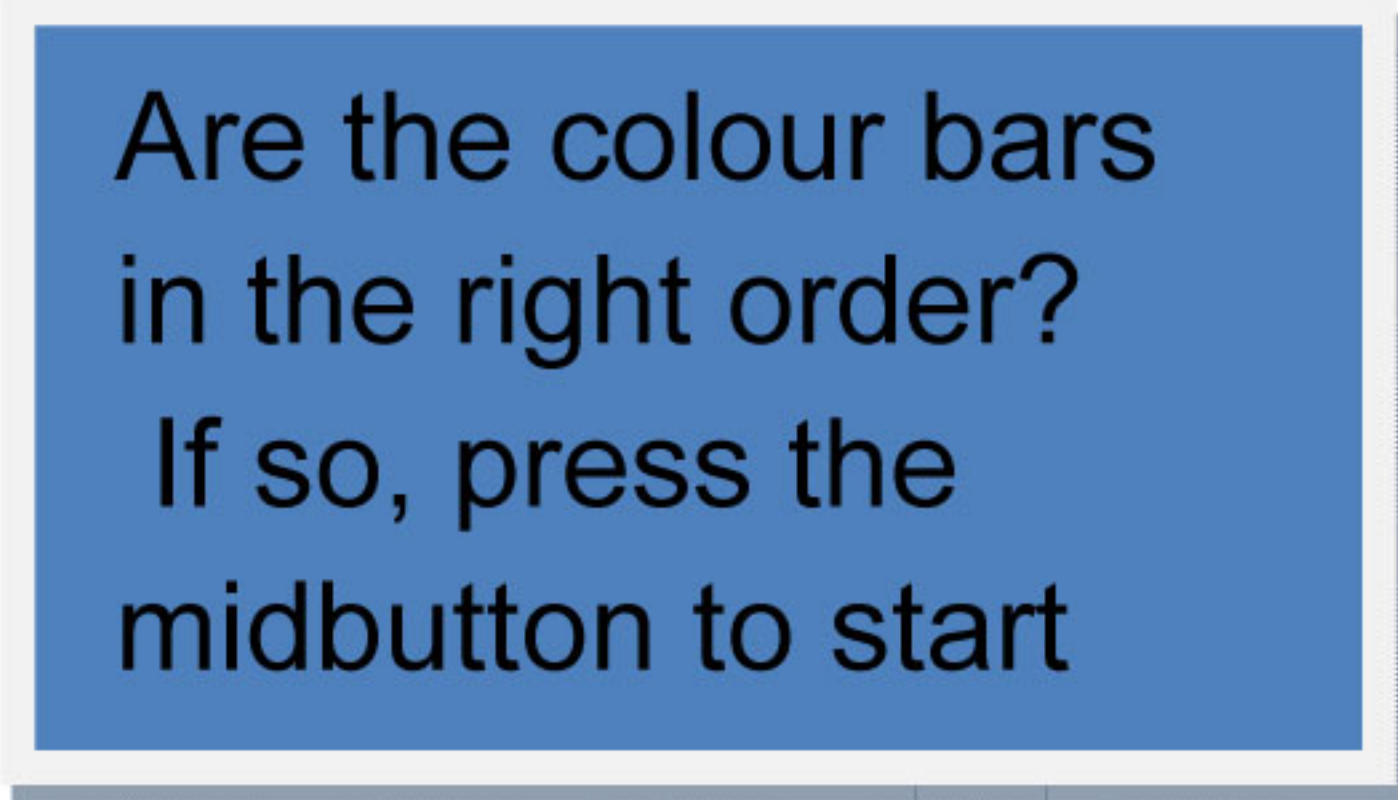


Power down the controller and re-patch the plugs as follows. ( note that your patch scheme can differ from this example)

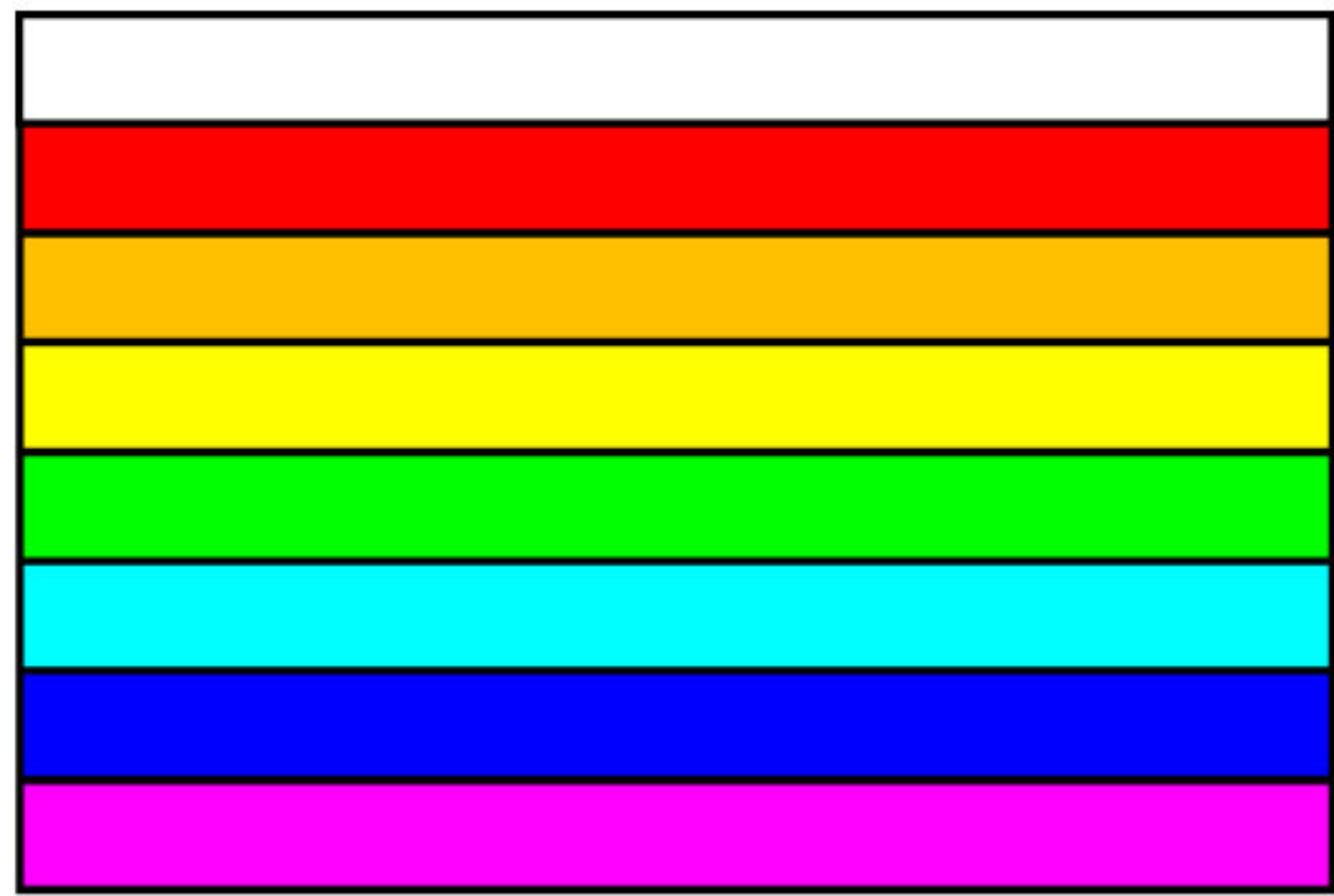




6. Repeat steps 2,3 and 4 , if all goes well you will end at step 7.
7. If the plugs are connected it the right order the display will show the following.



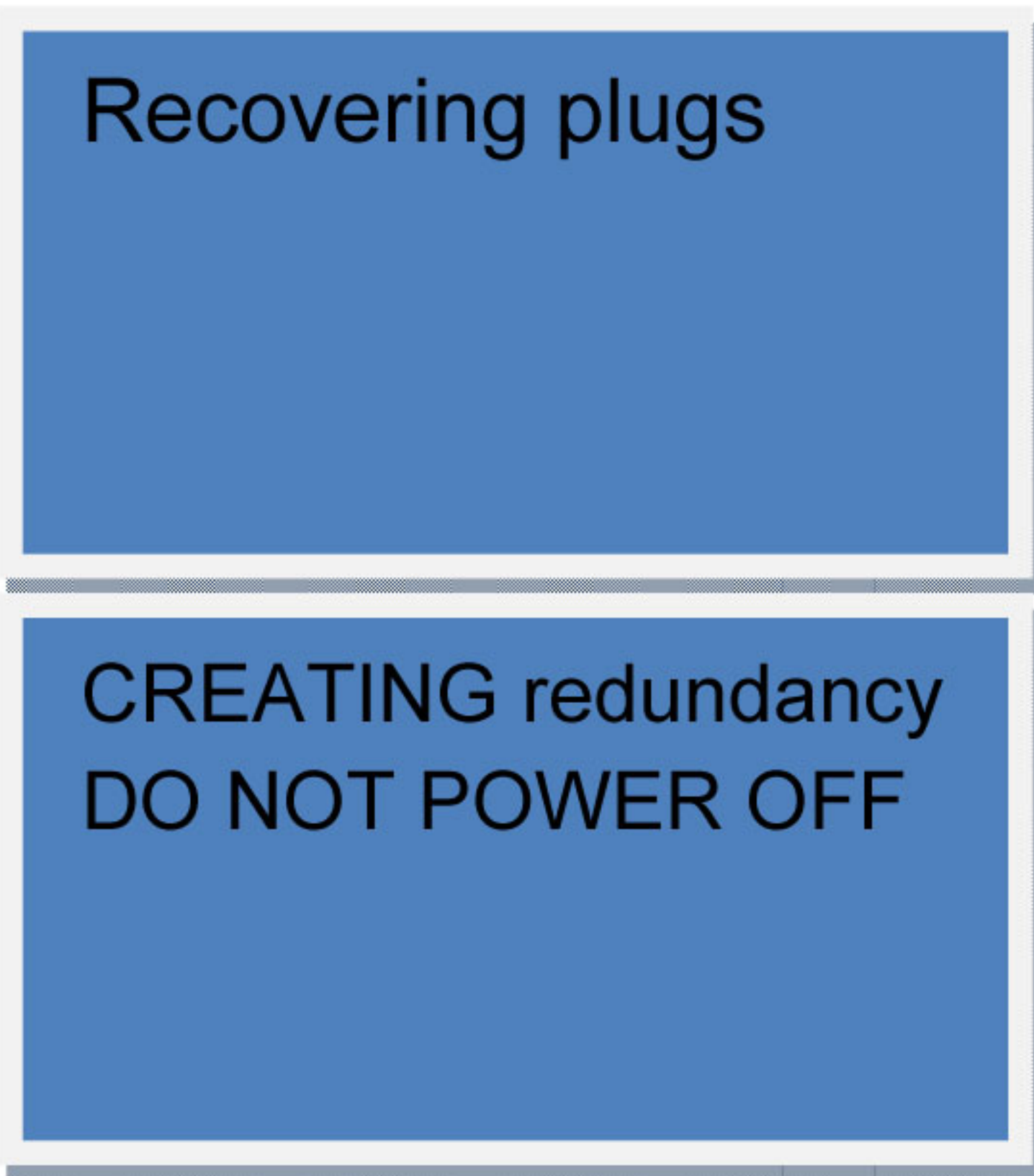
Confirm this question **only** if you see the colour bars on the cloth in the order as pictured below. This can be done by pressing the 'midbutton'.



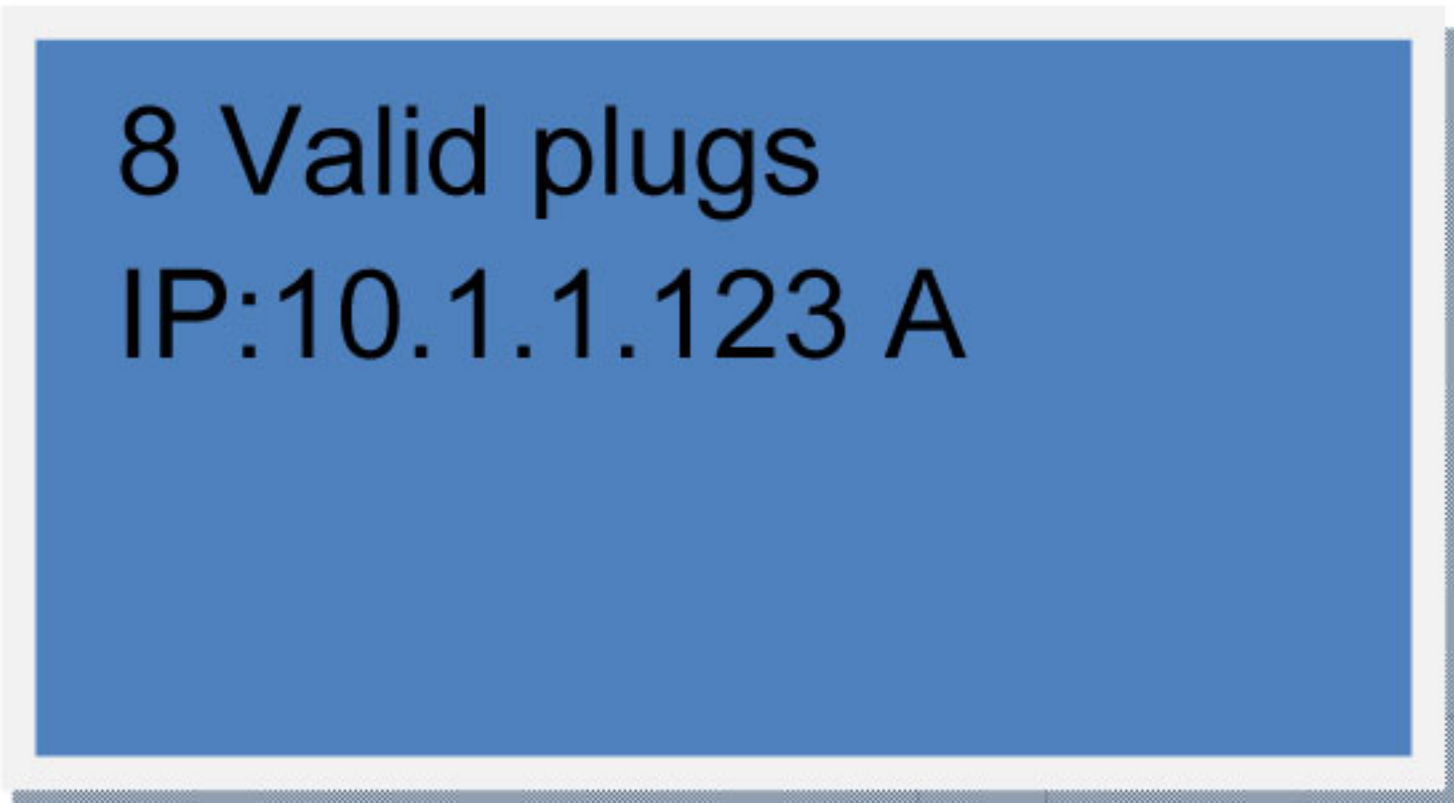
Note that the actual cloth can be rotated.

This extra check has been added because it's possible to repair two plugs at once.

8. Now the display will show the following screens.



**Do not** power down the controller whilst this procedure is running !!!  
If the controller is ready the display will show.



The recovery procedure has now been completed.



# Animation plug recovery procedure – Troubleshooting

After initiating the ‘repair plug’ submenu (as discussed in point 4) it’s possible you will get an alternative message on the display.

Display message	Reason / Action
Please solve other error before using this option.	Check for an over current on one of the output ports or a failure of the power supplies.
Full cloth detected no need for recovery	The repair procedure has been initiated on a healthy set of plugs.
Please connect only one cloth!	The controller has detected plugs from two or more cloths. Check your connections.
Not enough redundancy for recovery!	The cloth that been plugged in the controller has to many damaged plugs or has no redundancy at all !!!
Need blank plug(s) to start recovery!	Plug in blank(s) to perform the procedure.
Please use the right amount of blanks!	Plug in the right amount of blanks to perform the procedure.

