

ECU845 UNREADABLE SCREEN, CONTRAST ADJUSTMENT AND FIRMWARE UPDATE

APPLICABLE TO MODELS

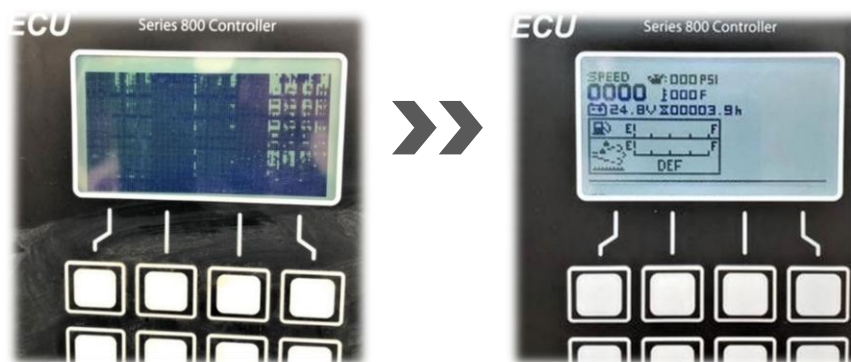
DCA70SSIU4F DCA125SSIU4F DCA180SSJU4F3 DCA300SSJU4F3 DCA600SSV4F3
DCA70SSJU4F DCA150SSJU4F3 DCA220SSJU4F3 DCA400SSI4F3

Some ECU845 controllers may present with a partially unreadable display screen due to exposure to extreme weather condition. The occurrences of dark screens can be resolved by the following...

Step 1: Making a Display Contrast Adjustment in the controller settings to make the screen more readable.

Step 2: Updating the controller Firmware.

Please reference page 2 of 2 to proceed with the firmware update process then contact the MQ Power Technical Support Department at 800-835-2551 or at mqtechsupport@multiquip.com to request the newest firmware for your controller.



CONTRAST DISPLAY ADJUSTMENT PROCEDURE:

1) Put the unit controller in Diagnostic mode:

- Press and hold the hour meter button while placing the Auto-OFF manual switch into Manual
- Release the hour meter button after a few seconds

2) Contrast Display Adjustment:

- a) Depress the “Program/Exit” button to continue
- b) Scroll to “USER LOGIN” by depressing the “DOWN” button
- c) Depress the “SELECT” button to continue
- d) SELECT “ENTER LOGIN”
- e) Enter the service password (75057) by navigating with buttons <<< & >>> and depressing the “SELECT” button to make character selections
- f) After entering the password, depress the “BACK” button to continue and then select “SAVE”
- g) Scroll to “ADVANCED OPTIONS” menu and select “DISPLAY CONTRAST”
- h) In “DISPLAY CONTRAST”, change the “VALUE” to “0” and select “SAVE”
- i) The settings change is completed



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FIRMWARE UPDATE - After the contrast change, the controller will require a firmware update.

Note: It is recommended to load the firmware file on a blank/empty USB flash drive (2.0 speed rate) or low speed rate for easier installation.

FIRMWARE UPDATING PROCEDURE:

1) Put the unit controller in Diagnostic mode:

- Press and hold the hour meter button while placing the Auto-OFF manual switch into Manual. Release the hour meter button after a few seconds.

2) Proceed:

- a) Depress the "Program/Exit" button to continue
- b) Scroll to "USER LOGIN" by depressing the "DOWN" button
- c) Depress the "SELECT" button to continue
- d) SELECT "ENTER LOGIN"
- e) Enter the service password (75057) by navigating with buttons <<< & >>> and depressing the "SELECT" button to make character selections
- f) After entering the password, depress the "BACK" button to continue and then select "SAVE"
- g) Scroll to "ADVANCED OPTIONS" menu and select "INSTALL/COPY PROGRAMS"
- h) Select "FIRMWARE UPDATE" then install pre-loaded flash drive into the USB port on back of controller
- i) Select "BROWSE" and Locate the file to be installed then press "GO"
- j) Controller will Validate source and start to copy the program. Once completed, select "OK" to continue
- k) Controller will state "FIRMWARE UPDATE ARMED", press "GO" to continue
- l) A Verification and controller reboot will start. Once controller is "Rebooted" the firmware update is now complete
- m) Power balance enabling (if equipped); navigate to customer options > Loadbank Control > Control Enable, INC value to 1, select Save.
- n) CAN TIMEOUT DTC clearing; navigate to fault diagnostic menu > ECM Memory Clear > Hold down request button for 3 sec.
- o) E-Stop SD active; if the machine is not equipped with an external e-stop, Navigate to Customer Options > Switch Monitors > E-Stop Switch Enable > DEC the value to 0 > Select Save.

MQ Power Tech Support 800-835-2551 or mqtechsupport@multiquip.com