

Altronic Service Bulletin #519

ISSUED: 6/8/18

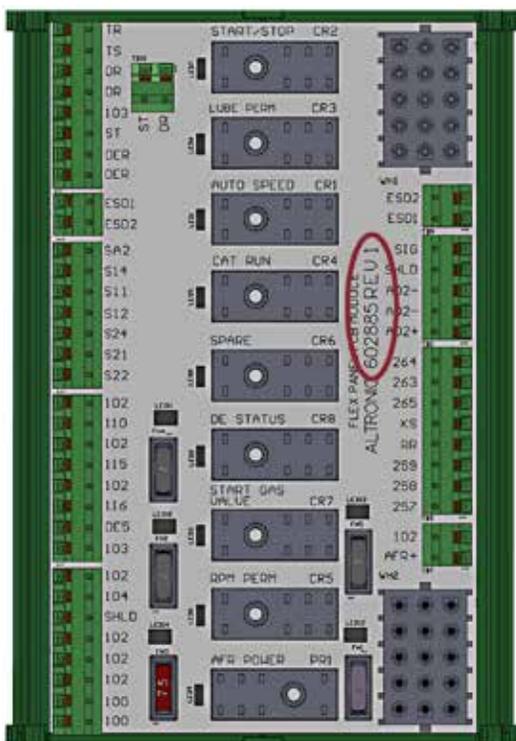
Flex Panel PCB

Affected units:

Any Flex Panel PCB (part number 691763) Revision 0 and Revision 1.

Identification procedure:

Refer to the picture below. The board will have a board part number on it 602885 followed by a revision number. Any board with a revision number "0" or "1" is affected.



Concern:

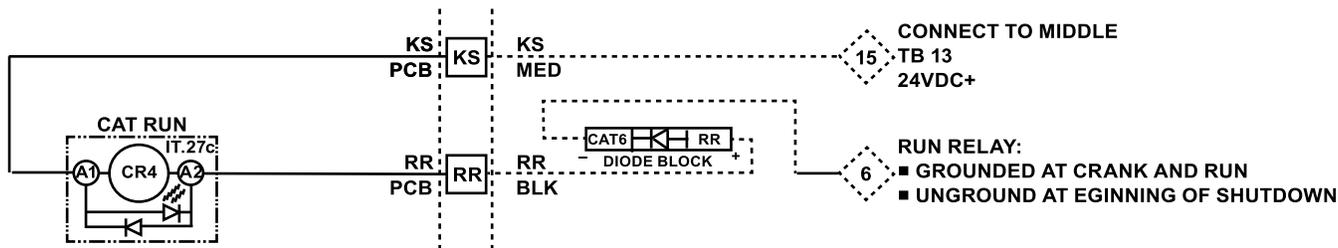
An issue has been identified where incorrect operation of the panel light on the Caterpillar 3300B MIDS panel has been identified. This incorrect operation does not damage any components, nor does it affect the normal day-to-day operation of the systems. This occurs when a powered MIDS panel is connected to an unpowered Flex Panel PCB via the KS and RR terminals. In this condition the signal at the RR terminal causes the green "Run light" on the MIDS panel to incorrectly illuminate.

Action:

1. For all current panels in the field exhibiting the described condition Altronic will provide, upon request, a diode terminal block. This terminal block can easily be installed by snapping it onto the DIN rail in the panel and connecting the two wires.

Connect the "RR" terminal from the PCB to the top side of the diode terminal block using the wire marked "RR".

Connect the bottom terminal of the diode terminal block to the CAT engine MIDS panel at terminal 6 with a new wire (16 gauge is recommended).



2. All new Flex Panels with Rev0 or Rev1 PCBs will be shipped with an external diode terminal block. The diode block can be placed into service by either the packager or the end-user when interfacing with a CAT 3300B engine MIDS panel by following the above directions.

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3. An improvement to the PCB is under development that will add built-in diodes so that the external diode terminal block will no longer be needed.

Should you have any questions, please feel free to contact either of the following:

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