

TECHNICAL TIPS

CRANES

Type of Tip:

Anti-Two Block Alarm Issues

Necessary Tools:

Personal Observation
Digital multimeter

Applicable Models:

HC50 / HC60 / HC80 / HC110
HC165 / HC230 / HC275

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Basic Safety Rules



Danger

Failure to follow the instructions and safety rules in the Operator's Manual and Service Manual appropriate to your machine will result in death or serious injury. Many of the risks identified in the operator's manual are also safety risks when maintenance and repair procedures are performed.

Do not perform maintenance unless:

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
 - The manufacturer's instructions and safety rules
 - Employer safety rules and workplace regulations
 - Applicable government regulations

- You have the appropriate tools, lifting equipment and a suitable location.

The information contained in this technical tip is a supplement to the service manual. Consult the appropriate service manual for your machine for safety rules and risks.

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Anti-Two Block Alarm Present, Switch Not Actuated

- Check A2B selector switch settings at main electrical panel. The switches should be in the “Function” position if a hook block is being used for the respective winch. A2B weight and chain are mounted, control wiring in place from panel in boom tip to limit switches.
- As an example, if only the main winch hookblock is installed, the auxiliary and 3rd drum selector switches would be placed in the “Release” position.



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Other Possible Causes (Consult crane electrical schematics)

- Fuses F66, F67 or F68 3A fuses blown.
- A2B limit switch corroded or has condensation in housing.
- A2B limit switch cables or connections damaged / faulty.

