



**Upgrade Bulletin**

**No. 38**

**Anti-Two Block Systems**

**All American & Ohio Cranes**

**Ohio Crane Kit Number**

**410171**

**American Crane Kit Number**

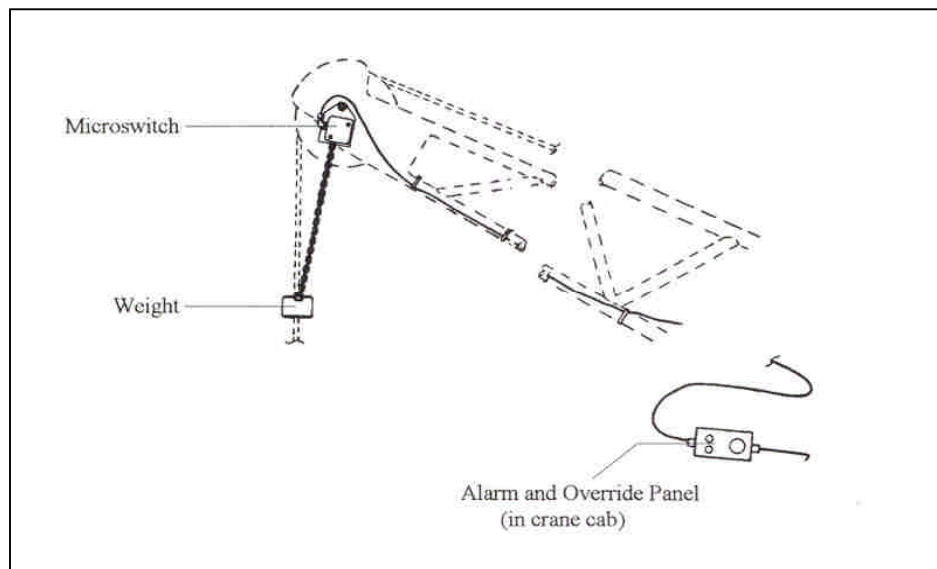
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The American National Standards for Mobile and Locomotive Cranes ASME/ANSI B30.5c-1992 Addenda, Section 5-1.9.9(b) states:

*"Lattice Boom Cranes manufactured after February 28, 1992 shall be equipped with a two-block warning feature which functions for all points of two blocking."*

*"Lattice boom cranes manufactured before February 28, 1992 should be equipped with a two-block warning feature which functions for all points of two-blocking."*

- The Anti Two Block kits consist of a switch assembly and an alarm/override assembly that is mounted in the operators cab.
- A normally open micro-switch is attached to a weight by a chain. As the hook block approaches the boom tip, the weight is lifted, causing the micro-switch to close. This activates an audio-visual alarm as well as a solenoid which simultaneously disengages the hoist clutch and activates the hoist brake, preventing a two-block situation.
- A manual override allows the operator to lower the load away from the boom tip.
- Kits include all hardware, wire and installation instructions. (Wireless systems are also available)



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