



Workhorse Sentinel Battery Pack Wing Nuts

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Abstract

The Workhorse Sentinel battery pack wing nuts can fall off the post and short out the PIO board if not properly tightened.

Instrument/Program Affected

Workhorse Sentinel ADCPs

Description

The Workhorse Sentinel battery packs are held in place by four sets of washers, lock washers, and wing nuts. If the wing nuts are not tight, the assembly of washers and wing nut can become loose and eventually fall onto the PIO board. This has caused the PIO board to short out.

Solution/Action

Short-Term Solution

Tighten the wing nuts firmly against the battery pack support plate. Place a battery pack rubber band (two spare rubber bands are provided with each new battery) around all four wing nuts. This will prevent the wing nuts from backing off the post.

Long-Term Solution

RDI is looking into a permanent solution for this problem.

