

Equipment Technical Bulletin

Summit & Summit E—Ferrite Bead Has Been Removed



PROBLEM

The ferrite bead is a square plastic component that is mounted over the wires that run from the power board to the main PCB in the 5 and 6-pump Summit and Summit E (see Figures 1 and 2). **We have found that this ferrite bead may come loose during shipping and damage other components in the unit.**

SCOPE

This problem applies to 5 and 6-pump Summits and Summit E's manufactured prior to August 29, 2005. The problem occurs during shipping of new units and is very rare, having been reported at a rate of 0.1% in the last 12 months.

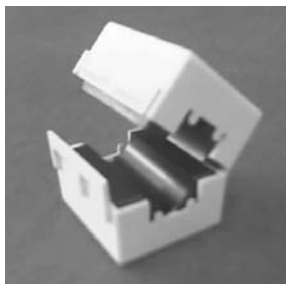


Figure 1. The ferrite bead snaps open and closed

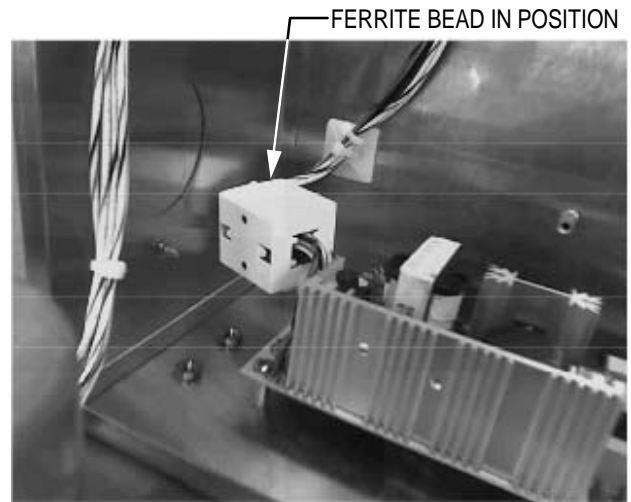


Figure 2. The ferrite bead covers the wires running from the power board to the main PCB in the 5-pump and 6-pump Summit and Summit E (large pump box Summits).

SOLUTION

This component was added to the 5 and 6-pump Summit and Summit E to reduce electrical noise. Upon a review of the current regulatory requirements we have found that the ferrite bead is redundant and no longer necessary. For this reason, units built after August 29, 2005 will no longer have a ferrite bead. This change will not compromise the performance or safety of the Summit or Summit E in any way. Catalog numbers for the Summit and Summit E will not change.



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