

# SERVICE BULLETIN

**Subject: Kustodian Model C Update Notification**

Date: 9/16/02

**Distribution: All Kustodian Model A & B Customers**

Bulletin No. CEB02-9

This service bulletin is to inform Kustodian model A & B operators of a new upgrade kit available for their machine. This kit is recommended to improve the reliability of the machine. These kits are for both 115V and 230V machines.

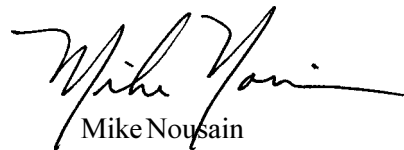
The first kit (part # 154-8870) is to upgrade the model A Kustodian (Serial numbers up to KK-0810 & up to KK-6047E) to a model C Kustodian. This kit contains new relays that help protect the PLC. This added safeguard isolates the PLC from an electrical short. This kit also contains a new head drive motor capacitor (for 115V machines only) that will improve head drive operation. In this kit you will also find updated proximity sensors that will replace the pass-thru sensors currently on your machine. These new Proximity type sensors are more reliable and require less maintenance than the current pass-thru type sensors. The kit includes all the necessary wiring and fasteners as well as detailed instructions to perform the upgrade.

The second kit (part # 154-8871) is to upgrade the model B Kustodian (Serial numbers KK-0811 through KK-0987 and KK-6048E through KK-6106E) to a model C Kustodian. This kit contains new relays that help protect the PLC. This added safeguard isolates the PLC from an electrical short. This kit also contains a new head drive motor capacitor (for 115V machines only) that will improve head drive operation. The kit includes all the necessary wiring and fasteners as well as detailed instructions to perform the upgrade.

Both kits include an updated Model C Operators Manual. An additional software kit (part # 154-8711C) is necessary to complete both conversions. *If you already have the KOSI software package, you will not need this kit, but you will need to obtain an updated version (Program Version # 9A) of the software.*



Pat Mitchell  
Technical Support Engineer



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Product Manger - Finishes & Supplies



If you need technical support on any lane maintenance products:

Call Brunswick TechTeam at 1-800-323-8141 (option #1 & option #3) or internationally at 1-231-725-4966 or contact via e:mail at [techteam@brunbowl.com](mailto:techteam@brunbowl.com)

