

TECHNICAL BULLETIN

► *Recommend Earliest Possible Action* ◀



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Reference **118C**
Route to **Service Manager/Modernization Manager/Construction Manager**
From MCE Technical Support Department
Date January 15, 2001
Pages 2
Enclosures Relay module, wiring diagram, HPV900 Control Board and instructions

Subject **MagneTek HPV900-XXXX-0E1-C1 Drive / Series M AC Controller**

Description The Magnetek modified design of the Magnetek Model C1 Drive requires the use of multiple directional relays. As of June 27, 2000 MCE has incorporated multiple directional relays into the Series M AC Magnetek HPV900 Controller.

Action Install UAX/DAX/DZX relay module (Mod Kit 118B) and wire to the dedicated directional inputs on the Magnetek drive. This prevents the car from operating in a direction opposite than intended and from picking high leveling speed when the car is in the door zone. Replace the HPV900 drive control board to install the current software and follow the attached instructions to adjust the appropriate parameters.

MCE Help As always, should you require technical assistance on other issues:

- ! Telephone 916/463-9200
- ! Touch "6" for Technical Support
- ! **Refer to the reference number above**

MAGNETEK HPV900 DRIVE SOFTWARE FIELD UPGRADE **INSTRUCTIONS FOR TECH BULLETIN 118C**

1. Record all the existing drive parameters.
2. Turn off the controller power.
3. Open the drive cover and locate the control board. The control board should be at the center of the drive with connections to the rest of the controller at the bottom of the board.
4. Remove the existing control board from the drive by first removing all the ribbon cables and removable terminals. Make sure the “**CHARGE LED**” on the drive is **OFF** before removing any connection.
5. Install the new control board included in the package and reconnect all the cables and terminals.
6. Verify the connections are properly made.
7. Turn on the controller power.
8. Reenter all the drive parameters that were recorded earlier.
9. Go to parameter Logic Inputs C2.
10. Change parameter “Log In 2 tb1-2” from RUN to RUN UP.
11. Change parameter “Log In 3 tb1-3” from UP/DWN to RUN DOWN.

The drive is now ready for the hardware upgrade of Tech Bulletin 118C.