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## **Kollmorgen BDS4 Initialization Procedure**

### **STOP!!!**

Your new replacement drive will fit a variety of applications and must be configured to your specific use before installation. Follow the step by step instructions below. Note you must be very careful while removing and installing chips and cards.

### **TURN THE POWER OFF**

1. Identify the drive model number located on the front, or right side panel of your old drive. For example “BDS4x-210J-WO” and record this number.
2. Compare this number to the number on your replacement drive; the first 8 characters should match, ex (BDS4x-210). If they do match then proceed to the next step. If they do not match STOP and call Magna Products Corp. (585) 647-2280 immediately for verification.
3. Locate a static free work environment and lay both drives on their sides, cover screws facing up, connectors facing to the right. Double check ESD safety before opening the drive.
4. Remove the screws holding the cover in place, on BDS4-203 to BDS4-220 series this is 6 screws, on BDS4-230 and up, there are 9 total, 2 additional in the front, and one along the top edge. Gently remove the covers from both drives after removing all cover screws.
5. Check the switch and jumper settings of the encoder equivalent output cards in each drive to be sure they match.
6. New replacement drives are shipped without motor compensation cards, the existing motor compensation card will be located in the upper left corner of your old drive’s circuit board. Using ESD safe procedures remove this card and install into the new replacement drive.
7. Once the motor compensation card is installed, re-install all removed outer covers, screws and install according to proper safety regulations.

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