



Axis Control Cards: Compatibility

When troubleshooting Fadal vertical machining centers, from time to time you need to try different control cards to determine which are defective. While we have previously outlined the proper procedure for swapping controller cards, it is important to understand the dynamics between the cards and what revision of card are compatible with different revisions of other cards. The chart below shows you what versions of the specific card in question is compatible with other cards in the rack. This keeps you from creating other problems, or causing a card failure from substituting a card with an improper version.

PCB Compatibility List

As an example, you have two Fadal machines in your shop. One machine has a 1400-2 processor card in slot #5 of the card rack. You suspect you have a bad X axis controller card (located in slots #9, #10 & #11) but your other machine is newer and has only 1010-6 axis controller cards installed. As you can see, you will not be able to test the 1010-6 card in your older machine with the 1400-2 CPU as they are incompatible. You will need to use 1010-4 or 1010-1 cards only.

This will assist greatly when it comes time to begin swapping cards to find the culprit!

Call us at CNCPros and we can assist you in determining compatibility of cards.
208-888-9236