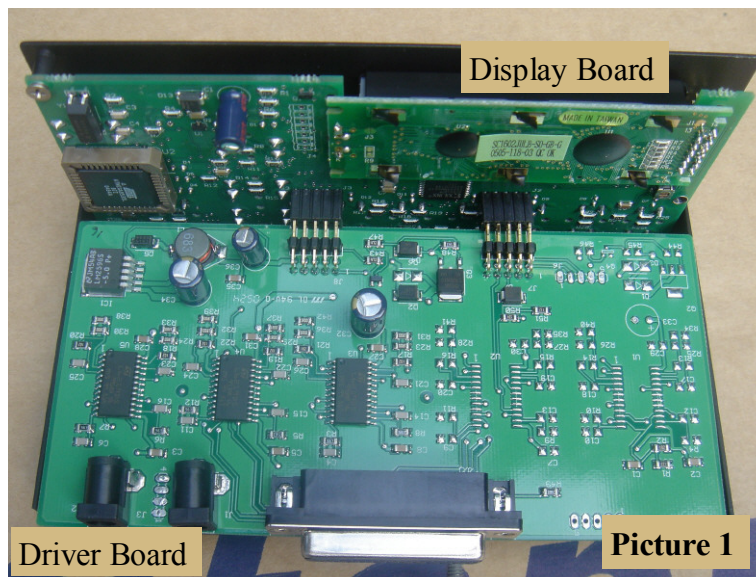
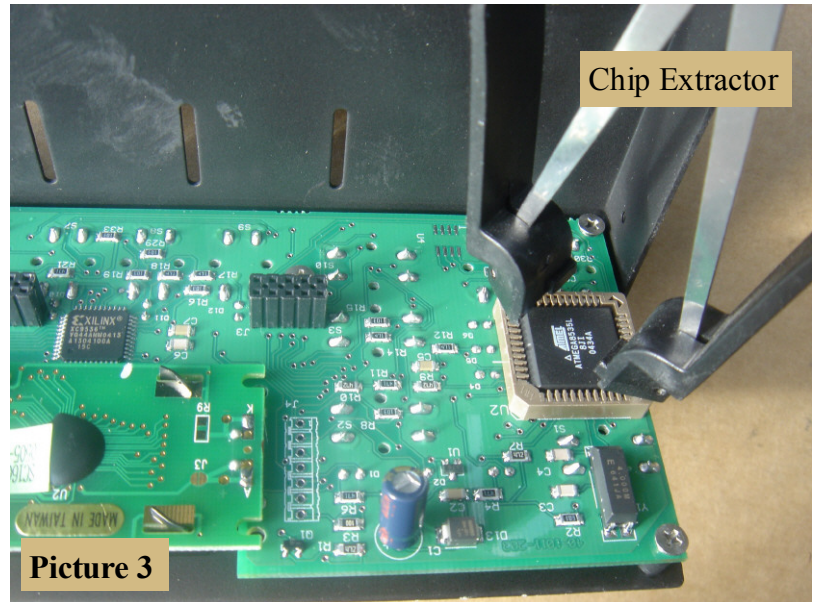
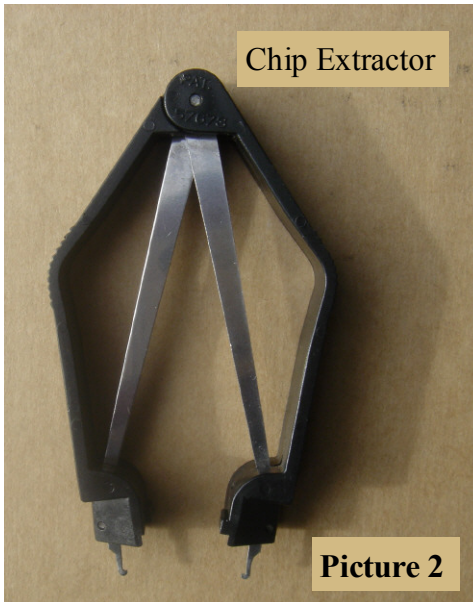


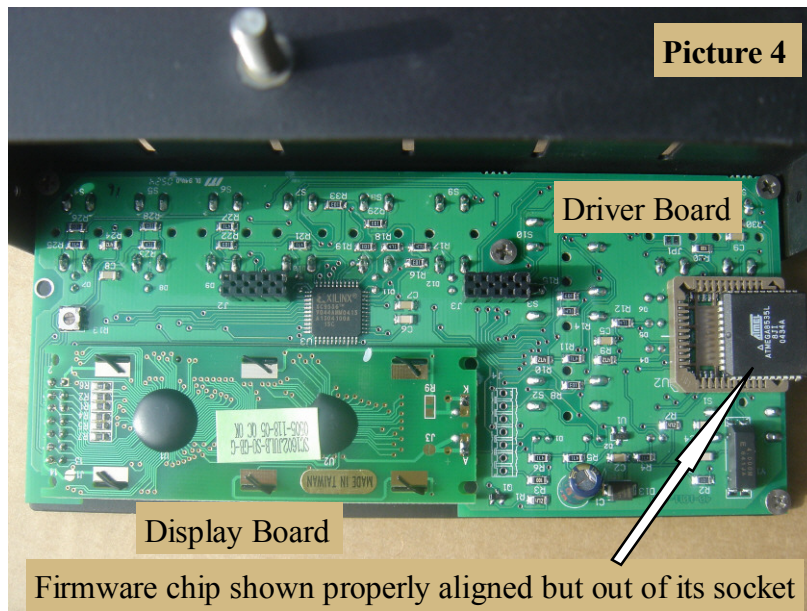
- Retract elements
 - Press 'Mode' button until you see 'Setup Mode' (Setup light will also come on)
 - Press 'Select' button (within 4 seconds)
 - Press 'Up' or 'Dn' button to scroll to 'Retract Elements'
 - Press 'Select' button and 'Home Now ?' will display
 - Press 'Up' or 'Dn' button to select 'Yes' (flashing)
 - Press 'Select' button and the copper-beryllium elements will retract (wait until the '*' stops flashing)
- Power off and unplug the controller
- Remove the controller top cover (**Picture 1**)
 - Remove four Phillips head screws (two on each side)
 - Remove the 2 jack screws from the 25 pin Dsub connector and 4 jack screws from the (2) 9 pin Dsub connectors (if you have the interface option on your controller)
 - Lift the top cover off



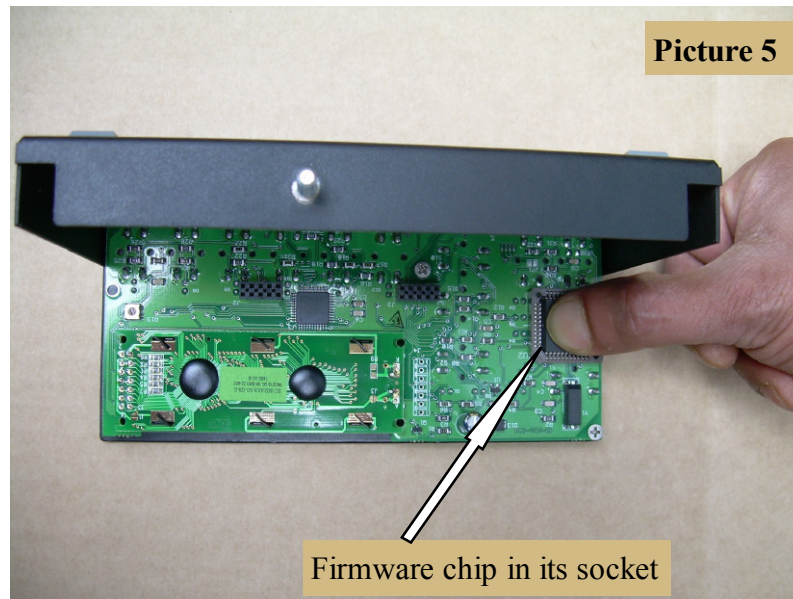
- Unplug the driver board from the display board (**Picture 1**)



- Using the chip extractor (Picture 2 & 3) carefully pull the CPU chip out of its socket



- **Caution:** Using any other tool to remove the chip may damage the pins on the chip
- Align the arrow on the replacement chip to the arrow in the chip socket (Picture 4)



- Center the chip in the socket and press the chip down vertically with your thumb (**Picture 5**)
- Reinstall the driver board to the display board (**Picture 1**)
- Reassemble the controller cover (reverse the steps of bullet 3)