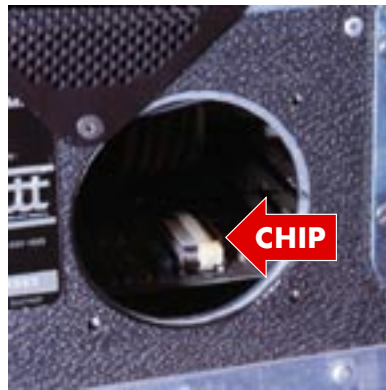


Changing the data chip

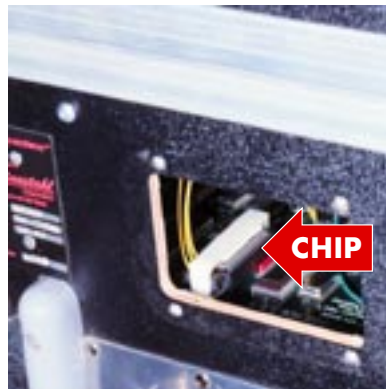
FutureDrive® RC2000 Series turning tool

Remove the fan cover on the left hand side of the power unit.



If the cover is a flat plate with holes:

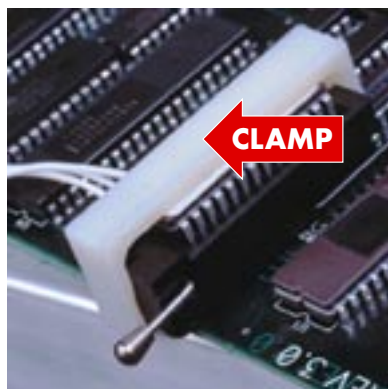
- Remove ONLY 3 of the screws holding the plate to the case with a 3/32 allen wrench and rotate the plate away from the opening. (If you remove all 4 screws an interior retaining plate will come loose, which will make it difficult to put the cover plate back on.)



If the cover is a louvered plate:

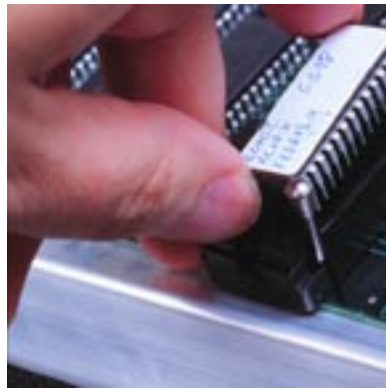
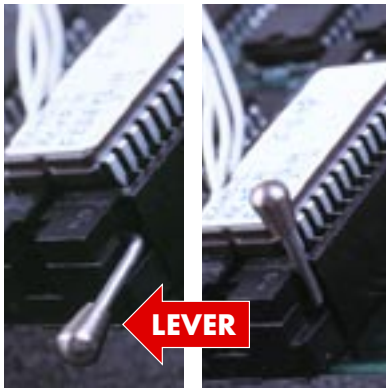
- Remove all 4 screws and gently pull the plate off of the turning tool.

Remove the old chip from the chip socket and replace with new chip.

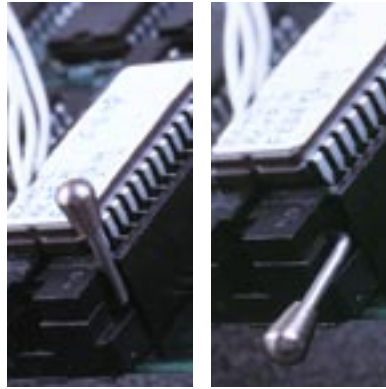
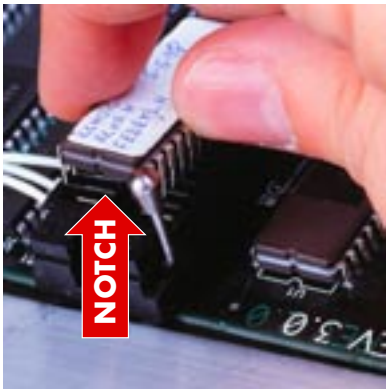


If there is a lever on the chip socket with a plastic clamp over the chip:

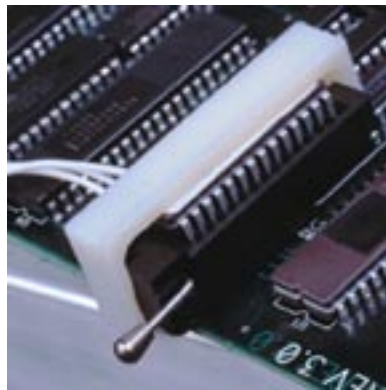
- Slide the clamp to the left (away from the lever) to get the clamp off of the chip.



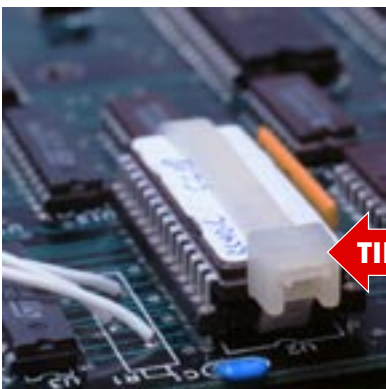
- Lift the lever to release pressure on the chip
- Carefully remove the old chip from the chip holder with your hand or if necessary use a flat bladed screwdriver under the chip to help. (Pull the whole chip up at the same time. Do not pull up from any one side or you may damage the chipholder.)



- Line up the new chip over the chip holder **MAKING SURE THAT THE NOTCH ON THE CHIP IS FACING THE OUTSIDE OPENING OF THE BOX.** (Failure to line the chip up correctly can cause severe damage to the unit's electronics.)
- Carefully push the new chip evenly back into the socket.
- Push the lever back down to firmly fasten the chip to the socket



- Replace the clamp by putting it next to the chip/socket assembly (with the short end of the clamp toward the side of the chip away from the opening) on the left and sliding it back over the chip/socket.
- Press down on the top of the clamp, making sure it is seated.

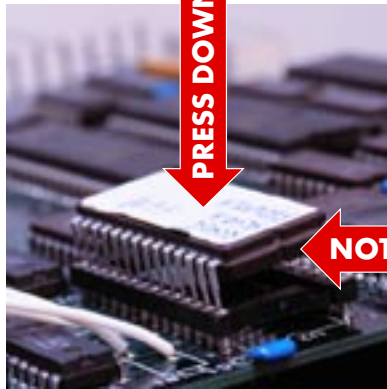


If there is a nylon cable tie holding the chip to the socket:

- Cut the nylon cable tie off with a pair of sizzors, snips or knife, remove the cable tie and discard it.



- Carefully remove the old chip from the chip holder by using a flat bladed screwdriver to pry it away from the chip holder. (Try to pull the entire chip off of the socket consistently and not from any one side to avoid damage to the chipholder.)



- Line up the new chip over the chip holder **MAKING SURE THAT THE NOTCH ON THE CHIP IS FACING THE OUTSIDE OPENING OF THE BOX.** (Failure to line the chip up correctly can cause severe damage to the unit's electronics.)
- Visually verify that all pins are correctly in their sockets.
- Carefully push the new chip evenly back into the socket.



- Feed the new cable tie provided under the chip socket and then refasten it and tighten the tie to hold the chip in place.

Replace the fan cover

Verify that the chip is working

Power up the unit, verify that the LCD display comes up with the initialization screen and that the unit beeps. If the unit does not properly initialize check the following:

1. Verify that all of the cables are properly attached to the turning tool
2. If it still doesn't work check to see that the notch on the chip is facing the outside of the unit and that the chip is properly seated.

Rhinestahl Corporation
 Manufacturers of Turbine Engine
 Tooling and Components Since 1967

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