



**OEHLER** *Research, Incorporated*

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The first thing the 35P attempts to do when powered on is synchronize with the printing mechanism. This is when you hear the printer cycle and three lines of paper are advanced.

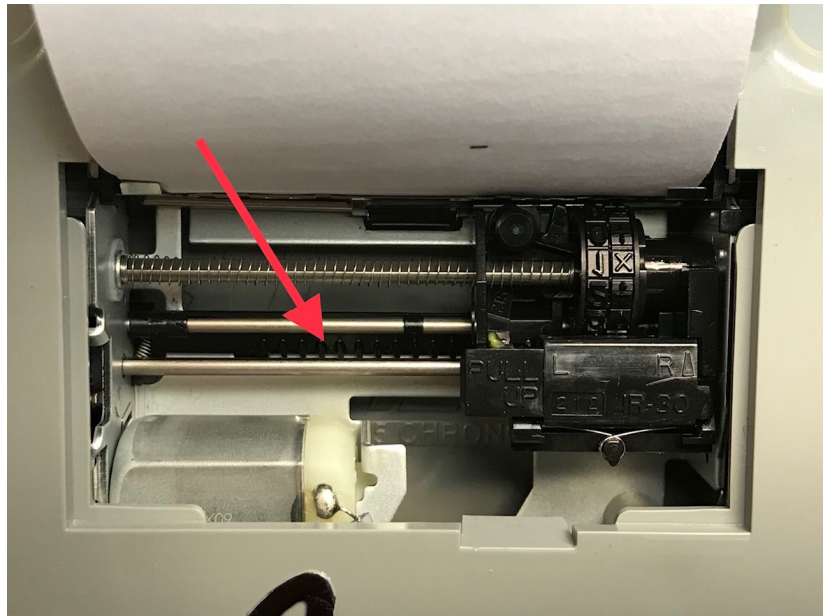
If the printer is jammed the chronograph will not power on. Test this by turning DIP switch #7 to the OFF position to disable the printer. Restart the chronograph by plugging in a Skyscreen and check the LCD display. If the display turns on and reads “---0” you will need to un-jam or replace the printer.

The most common cause of a jammed printer is insufficient battery voltage. When the 35P chronograph is used with a very low battery the printer will begin to print but not have enough power to complete the printing cycle, and will jam.

Changing the battery will often fix this. Occasionally the printer will remain jammed even after changing the battery and will need to be manually re-synchronized.

Note in the first photograph the character wheel is resting on the right hand side of the mechanism. You'll know your printer is jammed when the printing head and character wheel are in the center or left side of the printer.

1) The first step is to depress the black bar indicated by the red arrow. The printer head should spring back to the right hand side of the mechanism. Make sure DIP switch #7 (next to the battery compartment) is ON. You should then power on your chronograph by inserting a Skyscreen plug into the “Start” jack. The chronograph should now power up normally. If it does not, proceed to step two.



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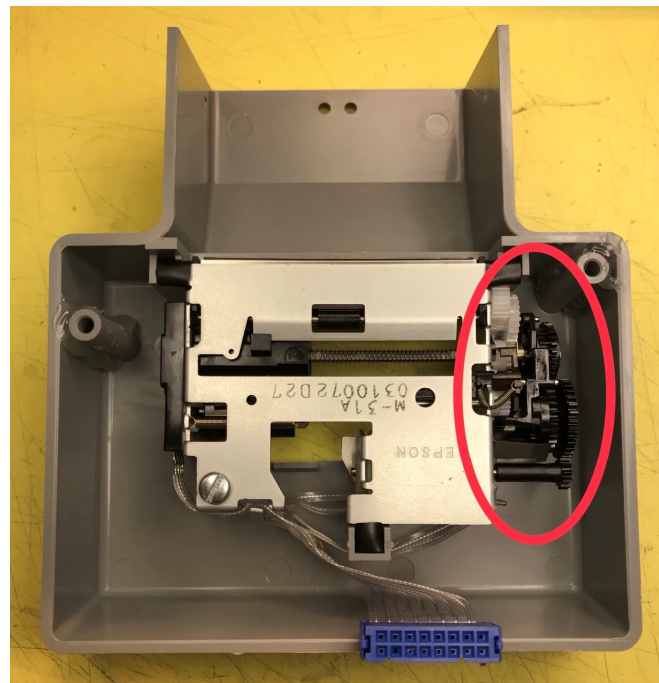
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2) The printer mechanism and housing will have to be removed for the next step. Remove the 4 screws holding the aluminum plate on the bottom of the chronograph. Next remove the two screws in the middle of the circuit board. The printer housing will now come off. Unplug the blue connector by pulling up on it. (Note the orientation of the blue plug, the printer will not work if it is plugged in backwards.) There are no tabs or catches, simply pull up on the connector to free the printer from the 35P CPU.

The gears circled in red will need to be manually spun. There is no specific method, simply spin each of the gears back and forth. Once complete, plug the blue connector back in. Confirm switch #7 is on and start the chronograph by plugging a Skyscreen into the Start jack.

If the printer still does not start it will need to be replaced.



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