

Replacing Cord & Aviation Plug on Chaff Fan

In the event you need to replace the power cord on a chaff fan due to an issue with plug becoming defective or you need a different size aviation plug to match your equipment the best option is simply to remove the existing cord from the old fan and put it on the new fan. This PDF shows how to do that as well as the different kind and sizes of aviation plugs used for the BC Roasters (and some other models)

BEST OPTION

In most cases your best option if the cord and plug on existing fan does not match the one on new fan is to reuse old Cord with plug.

1. To do this locate the electric box on fan as seen in this picture:
2. Remove cover with screwdriver



The BC Models use **two different size** Aviation plugs as well as **plugs that are 2 prong and 3 prong** as can be seen here:



BEST OPTION CONT:

3. Find the two or three wires going into electric box from cord and take picture of connections as seen here:
4. Splice the wires and use wires to match up connections in new fan using wire connectors such as wire nuts



IF YOU MUST REPLACE WITH A NEW CORD AND OR NEW PLUG:

If you must replace new fan with a new cord and new plug most likely we can sell the cord (two wire or 3 wire type) to you by the foot. You may be able to buy a 2 or 3 prong aviation plug from us as well. In general the BC-1-5 uses the 2 prong smaller aviation plugs (4 prong plug is on a BC-2 cooling fan cord). The larger plugs are used on the BC-8-35. Models before 2023 use a 2 prong plug and models from 2023 onward use a 3 prong plug

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REPLACING CORD:

To replace the cord you can follow the procedures above to remove old cord taking pictures FIRST of the connections in electric wire box.

Then you will need to splice the new wire and attach to connections using wire nuts or the like.



HEAT SHRINK TUBING



REPLACING PLUG:

To replace the plug or to add to the new wire you will need to first splice the wires and then using a solder gun you will need to carefully solder wires to terminals.

CAUTION: The terminals are tiny so great care needs to be done when connecting and soldering wires. Also you should use either Heat shrink Tubing placed on wires **BEFORE** soldering wires to terminals. **Take special note of the numbers on each terminal to match with the model being replaced.**

NOTE: NUMBERING FOR WIRES

SOLDER CAREFULLY

Also **BEFORE SOLDERING** MAKE SURE ANY PARTS THAT NEED TO FIT INTO CORD ARE FIRST PLACED PROPER. THEN USE PROPER SOLDERING TECHNIQUES TO COMPLETE JOB.

LASTLY ASSEMBLE ALL PARTS AND TEST.

