



Tube Topics (Edition 2)

Introduction

Webster's *New Collegiate Dictionary* defines rebuild as “**(a)**: to make extensive repairs to; **(b)**: to restore to a previous state”. The goal of ECONCO is to achieve definition **(b)** with “a previous state” being a new tube. To accomplish this goal, we frequently must resort to definition **(a)**. ECONCO repairs or replaces all parts within a tube requiring repair to attain this goal.

At ECONCO, considerable efforts are made to analyze the cause for failure and counsel users on preventive actions. Within the design limitations of the tube, we rebuild in a manner to minimize these types of failure. The nature of our business requires testing large numbers of end-of-life tubes—both low emission and catastrophic failures—giving us a unique understanding of the strengths and weaknesses of various power tube designs. We have, in fact, conducted failure analysis on well over 200,000 tubes from virtually every tube manufacturer in the world.

ECONCO is happy to provide telephone support to any tube user who is experiencing problems with a device. This service is available to all tube users regardless of their source of tubes. We can provide copies of data sheets for most common power tubes.

Duds are the lifeblood of the tube rebuilding business. We encourage all tube users to sell their duds to ECONCO whether they choose to use our services or not. Our continued presence in the industry creates competition and acts as a restraint on price increases of new tubes.

The second edition of *Tube Topics* is dedicated to helping our customers understand the rebuilding process, and—in the process—improve the reliability of their equipment.

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