

FUNDAMENTAL PRINCIPLES OF

VIBRATOR POWER SUPPLY DESIGN

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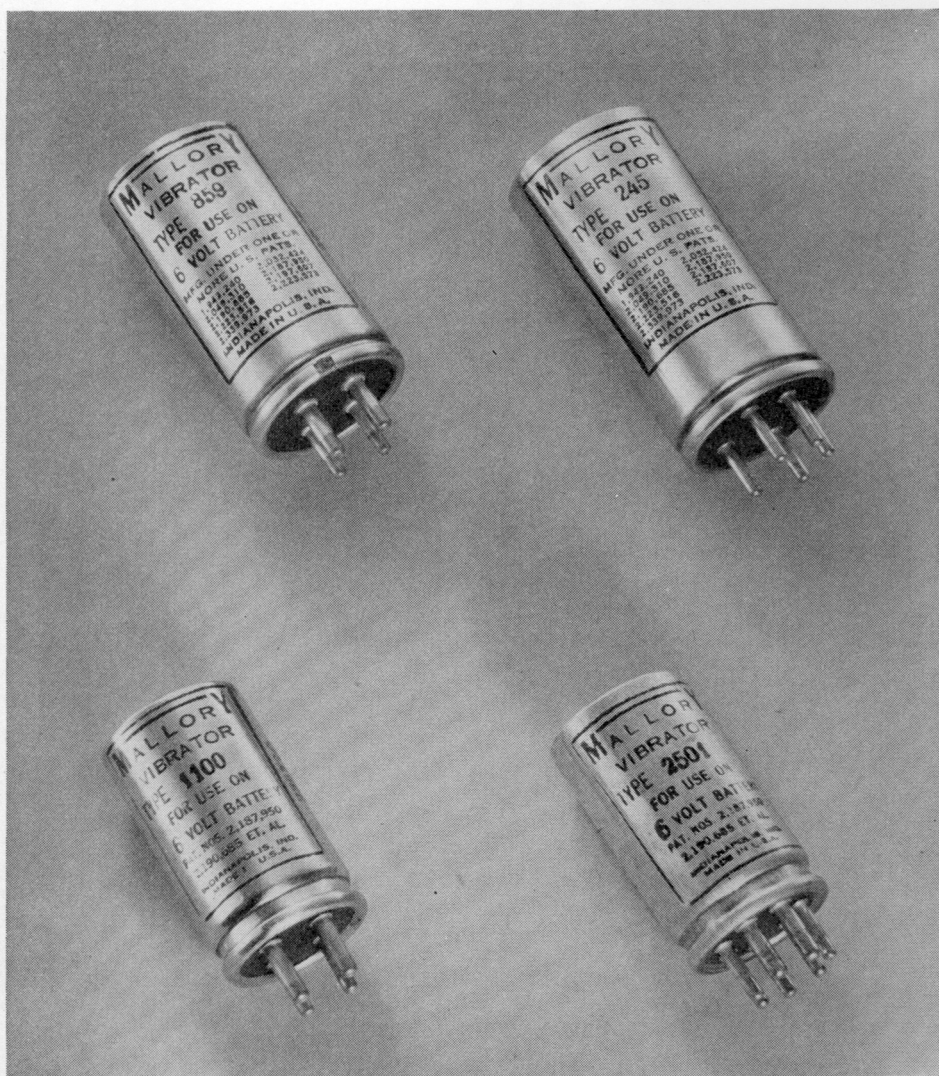
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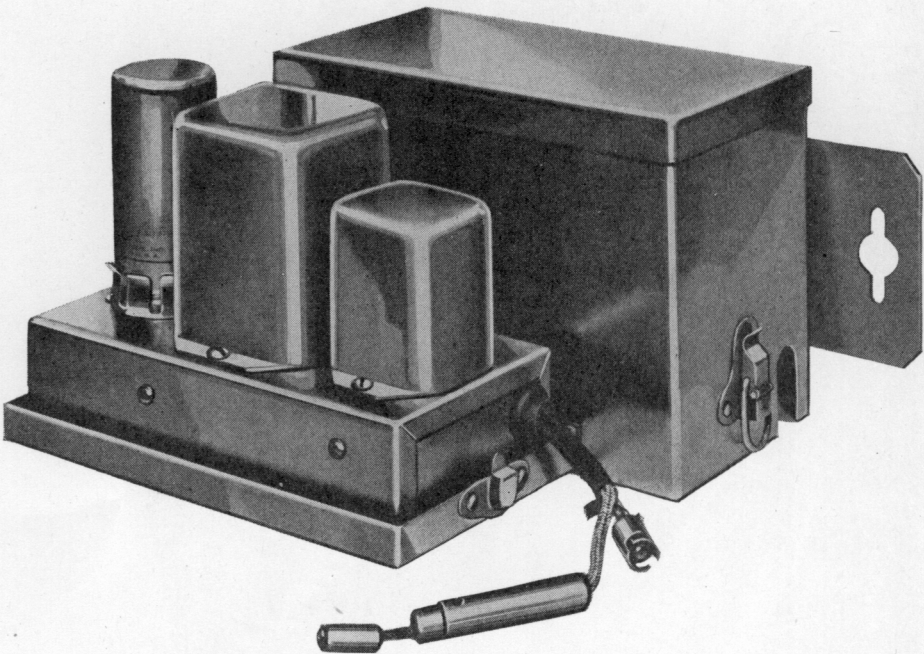
TYPICAL MALLORY VIBRATORS

UPPER LEFT—TYPE 659 or 859

UPPER RIGHT—TYPE 45 or 245

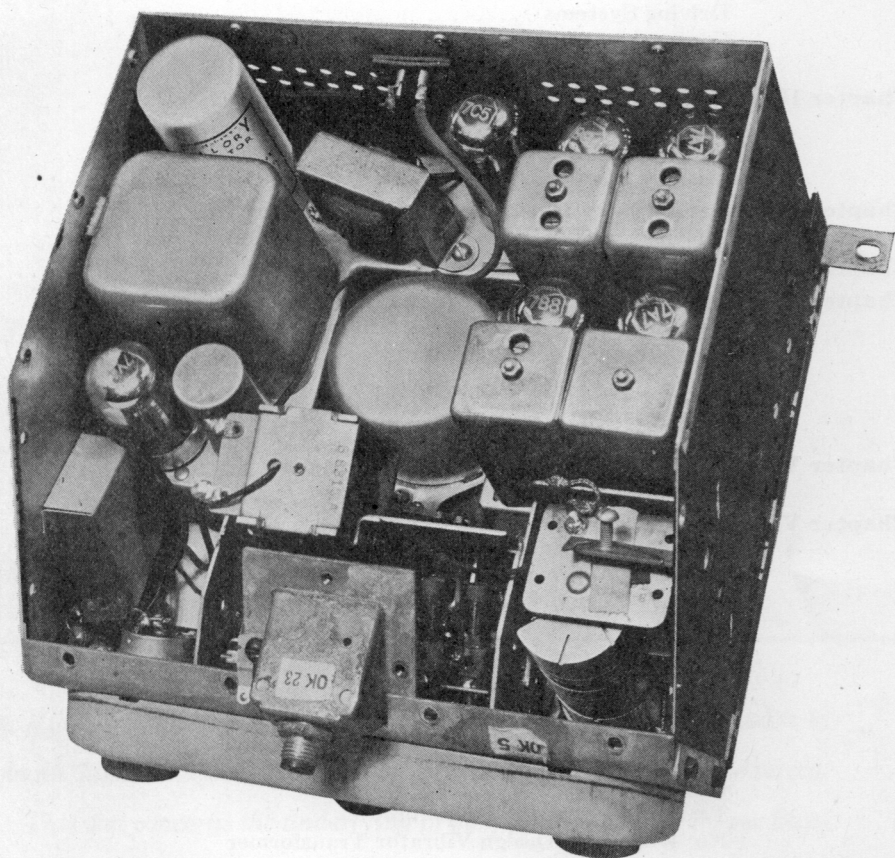
LOWER LEFT—TYPE 1000 or 1100

LOWER RIGHT—TYPE 2501



A TYPICAL VIBRATOR POWER SUPPLY UNIT
Self Contained

MALLORY VIBRAPACK TYPE VP-540



A TYPICAL VIBRATOR POWER SUPPLY SECTION
of an automobile radio receiver.

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INTRODUCTION

■ *Vibrator Power Supply Systems have been used for many years to obtain high voltage currents from low voltage direct current sources.*

This text concerns the underlying principles of Vibrator Power Supply Systems and their application problems. It has been compiled to present information, heretofore not readily available, in a unified and easily accessible form.

Engineers and trained technicians, who are familiar with the usual principles of alternating current power supply designs used in electronic equipment, will find it a convenient guide for the design of Vibrator Power Supply Systems and the solution of the application problems peculiar to this type of power supply.