

3960-7

SERVICE NOTE

SUPERSEDES

None

MODEL: All 3960

FILE NO: 42-101

SERIES: 1030A-500 and below

DATE: 19 November 1970

SUBJECT: 3960 Capstan Motor Drive Chassis Mounted
Power Transistor (Q1) Change

DISCUSSION:

The chassis mounted capstan motor drive power transistor's (Q1) collector current maximum rating may be exceeded when the capstan motor is started or when changes of capstan speed are selected. A transistor with a higher current rating, Hewlett-Packard Part Number 1853-0031, should replace the existing transistor Q1.

IMPLEMENTATION:

Refer to the Illustrated Parts Breakdown Section of the "3960 Operating and Service Manual" to identify the location of Q1. Remove Q1, Hewlett-Packard Part Number 1853-0063, and replace it with the higher current rating transistor, Hewlett-Packard Part Number 1853-0031. Refer to the Power Transistor paragraph of the Repair and Replacement of Parts section of the "3960 Operating and Service Manual" for correct replacement procedures of Q1. Make the necessary change in Parts List for the main deck assembly.

PARTS AFFECTED:

(Q1) Chassis Mounted Power Transistor, old Part Number 1853-0063, new Part Number 1853-0031.

BW/ps/WA

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