

NOTES ON TROUBLE

SUBJECT: MOTOR REPLACEMENTS  
AMPEX MODEL #300 SERIES RECORDERS

It has been found that proper ventilation of the console cabinet in the Ampex Model #300 Series Recorders will promote more perfect operation and longer life for components. This especially applies to components such as motors which are subject to heating during periods of long use. To permit each user to easily modify his console recorder to take advantage of the benefits of better ventilation, we are offering a special fan kit which each console user should be urged to purchase. This kit consists of a fan cooling unit, template for ventilation hole, dust filter, finishing plate for ventilation hole, and necessary mounting hardware. This kit should be ordered by catalog No. MP-3373. Net price to user is \$20.00. Since these are being offered as a special service item, each order must be accompanied by the serial number of the machine in which it will be installed. Any of you who wish to order these for your own stock may do so provided you furnish us with a record of the serial number of each machine in which one is eventually installed.

In order to clarify and expedite replacement of capstan motors which fail on any Ampex Recorders in the Model #300 Series, the following replacement price schedule has been established:

	<u>Net Price to User</u>
New Drive Motor (Any type)	\$75.00
Bodine Drive Motor with necessary conversion parts (To replace other motor by Bodine)	84.50
Replacement Motor (within two years after date of shipment of recorder)	47.50
Replacement Bodine Motor, including conversion parts (within two years after date of shipment)	47.50
Models 301 and 302, originally equipped with Electric Indicator motor, also require replacement of the capstan	56.00
Capacitor for use with Bodine motor when replacing Electric Indicator motor	3.00

ALTEC SERVICE CORPORATION  
AMPEX TAPE RECORDER  
MANUAL FOR SERVICING

Section II-2(c)

ORDERING INSTRUCTIONS

Conversion kits should be ordered by name and recorder serial number to specify speeds. All replacement motors should be ordered by catalog number as listed below:

	<u>Catalog No.</u>
Capstan motor for 7-1/2"-15" operation (Bodine)	B-1020
<del>Capstan motor for 7-1/2"-15" operation (Cyclohm)</del>	<del>B-641</del>
Capstan motor for 7-1/2"-15" operation (Elec. Ind.)	B-496
Capstan motor for 15"-30" operation (Bodine)	B-1030
Capstan motor for 15"-30" operation (Elec. Ind.)	B-629

Although this motor situation seems somewhat complex, it can be quickly cleared up by the installation in every console cabinet of the ventilation fan described in the first paragraph. Shipment of these can be made from stock.