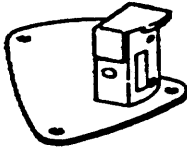
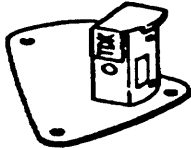




TOSHIBA AMERICA CONSUMER PRODUCTS, INC**TOSHIBA****VCR / CAMERA
SERVICE BULLETIN
NO: 64A****DATE: NOV 1993****MODELS: M458, M468, M657,
M658, M668, M758****SUBJECT: Part Substitution****Symptom: Replacement of FE Head and ACE Head.****Corrective**

Action: If replacing the ACE head with a substitute (i.e. replacing a Matsushita with TDK or TDK with Matsushita), the bias current must be adjusted for the type of ACE head as shown in the table below.

If replacing the FE head with a substitute the TDK and Matsushita are fully interchangeable. No adjustments are required.

Description	Matsushita Type	TDK Type
ACE Head Base Assembly	 Part No. 70182066 Bias Current 3.4mV	 Part No. 70182084 Bias Current 2.9mV
FE Head	 Part No. 70183018	 Part No. 70183035