REPLACEMENT OF THE POWER TRANSISTOR

When replacing a power transistor it is important that the mating surfaces of the washers and the heat sinks are not damaged in any way.

Before refitting the lead washerand transistor, wipe off all dust, grit or metal particles from the components then apply a thin film of silicone compound No.5 (Part No. 1036-001-04) to both sides of the lead washer, mount face of the heat sink and the mating surface of the transistor.

Do not remove or scrape the anodised finish off the heat sink where the lead washer and transistor are to be mounted.

NOTE: The electrical connection to the power transistor collector is made through one of the insulated screws which fasten the transistor to the heat sink.

From the TOP of the transistor around one of the mount holes clean off all paint to make a good electrical connection between the top of the transistor housing and the head of the mount screw.

Place an insulating bush into each of the mount screw holes in the heat sink.

Place the lead washer on to the heat sink so that the large holes in the washer locate over the large holes in the heat sink.

Insert the contact pins of the transistor through the holes in the lead washer and heat sink into the transistor socket. Fasten the transistor by inserting the $\frac{5}{8}$" x No.6 self-tapping screws through the holes in the transistor and insulating bush into the socket mount plate. Securely tighten the screws.

DRIVER STAGE TRANSISTOR.

Type 874 transistors may be used in the driver stage in place of type 2N591.

No circuit changes are required.