

**Model: XM-3046**

**No. 405R1**

**Subject: SOUND DISTORTION**

**Date:** October 10, 1996

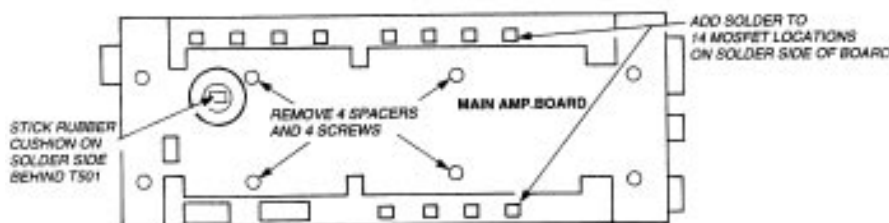
**Symptom:**

**(153)**

The audio outputs of the XM-3046 may be distorted. This may be caused when the solder breaks from off the MOSFET/PCB connection. The MOSFETS are located on the main PCB.

**Solution:**

Remove the main AMP BOARD. Remove the four white plastic spacers ( near the center of board) as shown in diagram. Leave the remaining four spacers (near the edges) on the board.



Add solder to the lead of each MOSFET on the solderside of main PCB.

MOSFET REF# ( Q109,Q110,Q209,Q210,Q309,Q310,Q409,Q410, Q519,Q520,Q513,Q514,D511,D512 ).

Stick a rubber cushion on the solderside of the T501(Transformer). The part number of the cushion is listed below

REF	DESCRIPTION	PART NUMBER
-	CUSHION,RUBBER	3-009-656-01

The heat sink compound may need to be reapplied when reassembling the unit.

Reassemble the main AMP Board. Do not replace the four spacers and screws which were removed.

Applicable **SERIAL NUMBERS:** 11001 to 15200

**NOTE:** There are sets which have already been modified. The sets which have been modified already have a **SILVER (8 φ)** circle mark on the master cartons and individual cartons.

