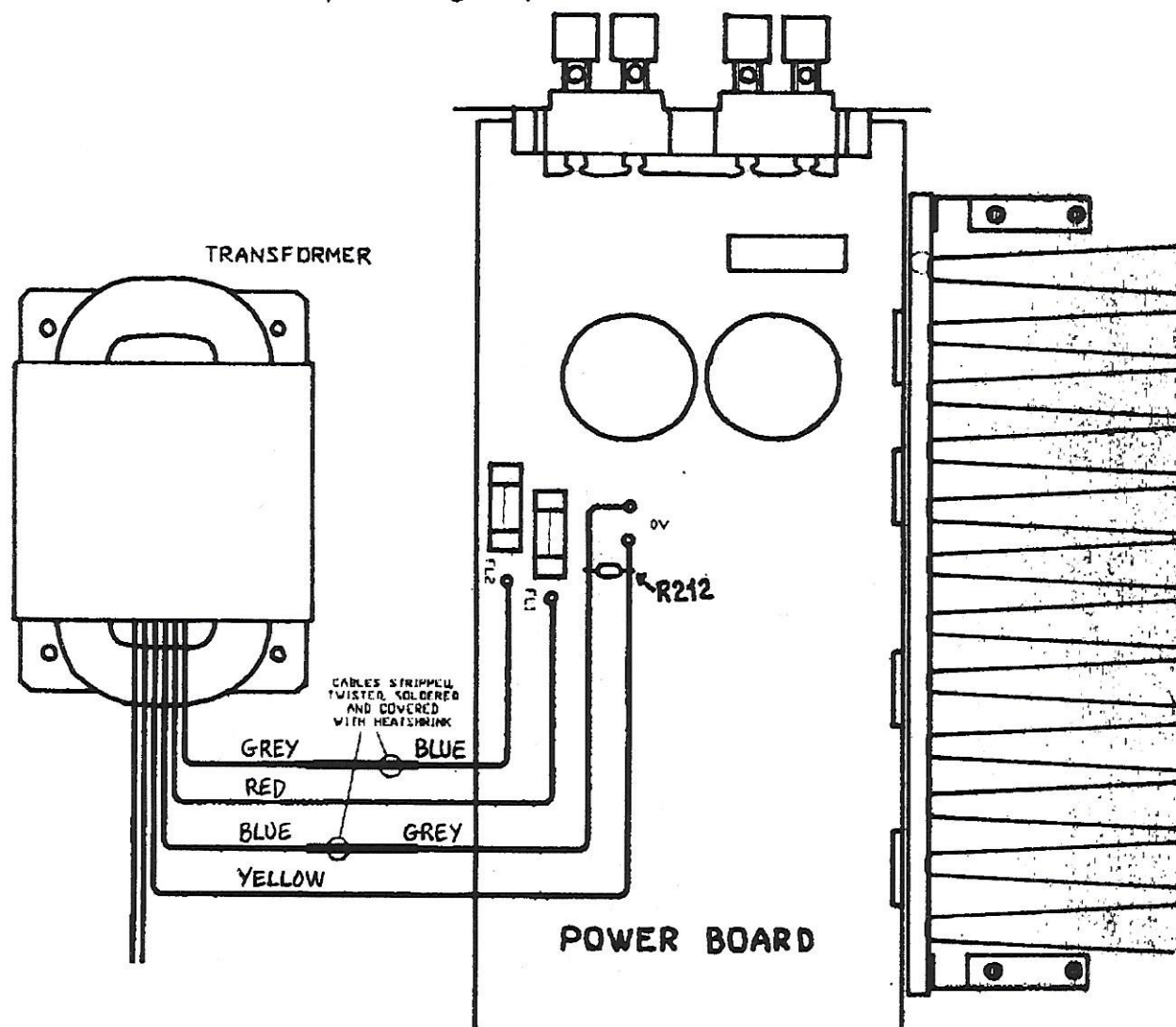


A3i transformer Hum Modification

16/1/97

PROBLEM : R-Core transformer has excessive hum levels, even when the unit is idling. The hum is airborne and not transmitted through the casework.

SOLUTION : The phase of one of the secondary windings of the transformer needs to be reversed by following this procedure :-



1. Ensuring the unit is unplugged, remove the lid and locate the blue and grey cables connecting the R-Core transformer to the power amp board. (See Fig. 1).
2. Cut the blue and grey cables somewhere in the centre.
3. Strip back the insulation of both ends of the blue and grey cables by 10mm.
4. Place two 30mm tubes of heatshrink (Around 4mm diameter unshrunk will be suitable) on to the cables.
5. Twist the exposed conductors of the blue cable from the transformer with those of the grey cable from the board and solder.
6. Repeat with the grey cable from the transformer and the blue cable from the board.
7. Insulate soldered joints with heatshrink.
8. Redress cables neatly and test unit.