

UNWANTED TRIPPING OF RESIDUAL CURRENT CIRCUIT BREAKER ON INDUCTION HOBS WITH TIGER POWER BOARD

DESCRIPTION:

Depending on the way a home is wired, there are single phase installations for example in the U.K., where a 30mA trip is protecting the customers' entire electrical supply. Due to the standard leakage current of a Tiger induction appliance, together with the leakage current of the other appliances in this home, it is possible to create an unwanted tripping of the residual current circuit breaker, after installation of the Tiger appliance.

SOLUTION:

It is possible to reduce the leakage current of the hob to 1,5mA, by using additional "Y" capacitors.

A service kit with the required components is available.

From production date mid November 2011 on most of the Tiger appliances for U.K. market are already equipped with these capacitors.

SPARE PART NUMBERS:

Service Part Kit Code in TDS: **405 51 75-86/5** (Consists: 2 wired capacitors, 2 in line connectors).

ASSEMBLY:

The modification is to insert a capacitor of 10nF (present in the kit) between the earth wire (see Point 3 on Fig. 1 and 2) and the earth connection of the frame (see Point 4 on Fig. 1 and 2) for each induction power board

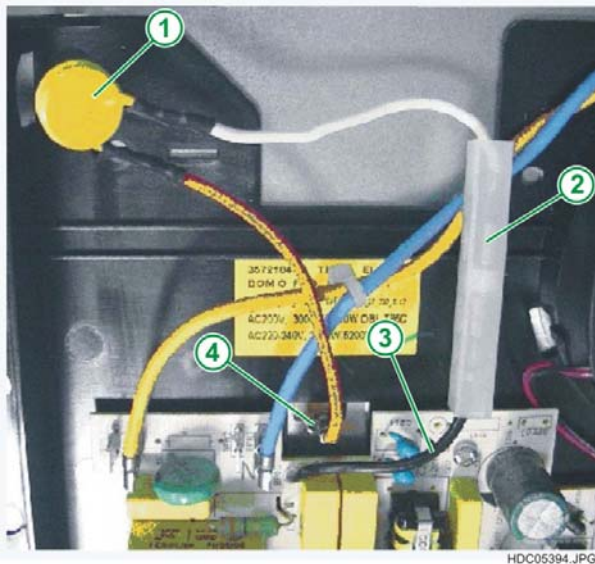


Fig. 1

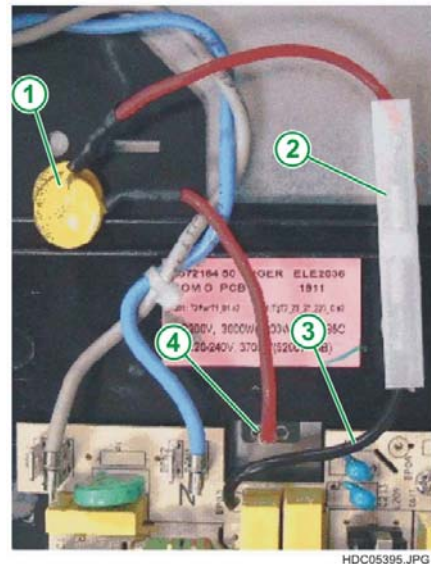


Fig.2

- 1 - CAPACITOR 10nF (PRESENT IN THE KIT)
- 2 - LINE CONNECTOR (PRESENT IN THE KIT)
- 3 - EARTH WIRE (CONNECTED TO THE POINT 4 ORIGINALLY)
- 4 - CONNECTION OF THE FRAME EARTH

MODELS INVOLVED:

Tiger induction hobs with induction power board with factory code 3572184xx (see models linked to spare parts numbers).

REVISION:

Revision	Date	Description	Author	Approved by - on
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