

Technical Bulletin

Number: E10-2010-09

Date: November, 2010

Panasonic Home and Health Company
Home Appliance Group / Food service

Product: Commercial Microwave Oven
Model: **NE1258R NE1257R NE1757R
NE2157R NE2180 NE3280**

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technician. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Subject: Magnetron / Transformer Terminal Replacement Procedure

If you are called upon to provide service on a unit that has a magnetron/transformer with an overheated terminal (see figure 1), replace the terminal by following the steps below:

- 1) The replacement kit (**Part No. A604K0000AP**) includes terminal, metallic ring and insulation sleeve (see figure 2).
- 2) Cut the terminal wire approximately 4 inches from the overheated connector and strip the insulation so that its conductor is exposed. (**The length of the replacement lead / connector in addition to the remaining transformer wire should be the same length as the original transformer lead**).
 - a. Slide insulating tube over new connector wire.
 - b. Slide metallic ring over existing wire.
 - c. Position the ends of both wires together.
 - d. Slide metallic ring over wire ends (see figure 3).
- 3) Crimp the metallic ring (see figure 4). Do not use any other pliers.
- 4) Solder the metallic ring and the wires so that the ring is fixed (see figure 5). Make sure that the solder flows smoothly.
- 5) Slide the insulating sleeve to cover the connection and secure it by using 2 tie wraps on both ends (see figure 6).
- 6) Be sure to route the high voltage cables in their original path and test the unit with the top cover in place before returning it to the customer.



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

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