

VESTAX AC-20 EU / AC-20 US POWER SUPPLY ADAPTER

PROBLEM

A technical problem has been found on all of the Vestax AC-20 EU / US power supply adapters used for our mixer models PMC-CX, PMC-500, PMC-08Pro BLK, PMC-08Pro WHT.

There is a possibility that one of the screws in the adaptor connector to the mixer becomes loose due to possible tension and excessive pulling on the outer cables, and therefore the screw may short circuit the terminal.

As a result, the transformer may heat-up to cause various other problems in the adapter. There is no affect to the product itself so the issue can be resolved by either replacing or repairing the adapter.

SOLUTION

The problem can be solved by following countermeasures:

1. Insulating the solder terminals inside the connector by plastic tubes or glue
2. Glue the inside screw to the insulating material, so it can't come off.
3. Add some tape or tube underneath the connector's cable clamp, so the cable cannot be pulled out of the connector.

Technical details from this solution is attached as pictures.

problem with power-connector bug

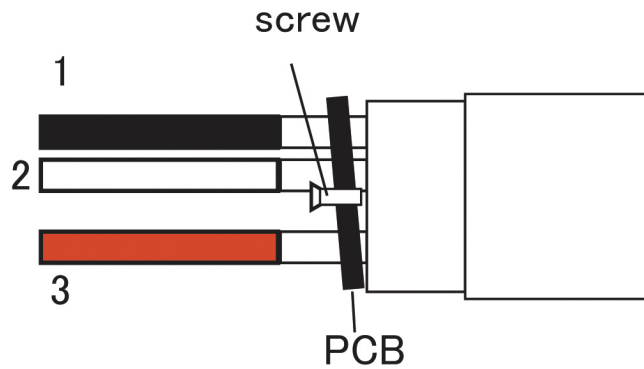
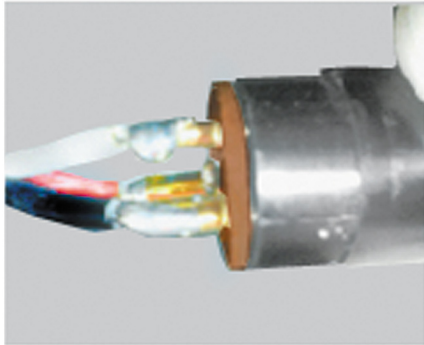


AC20 PLUG countermeasure

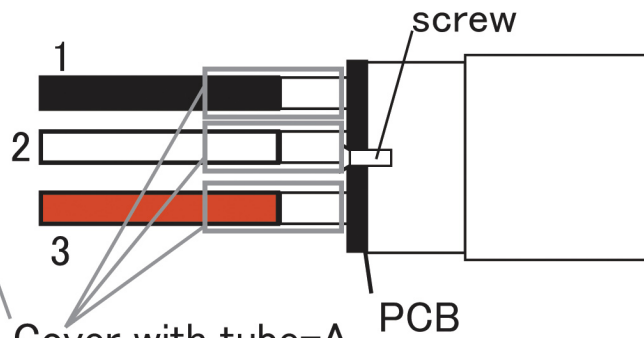
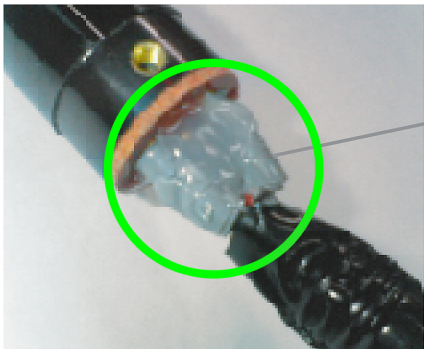
(1) tube-A or tape: coating for the solder terminal

(2) glue: Prevents the screw from loosening and for insulation

(3) tube-B or tape: Cable stopper

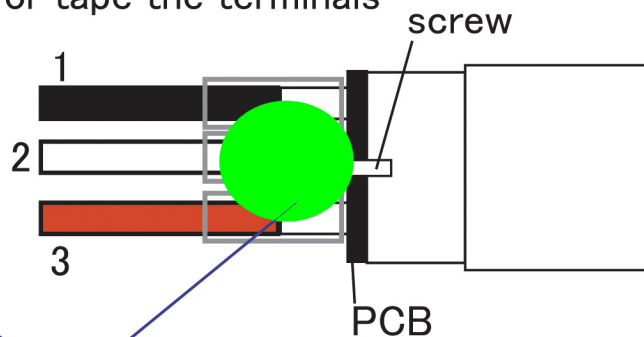
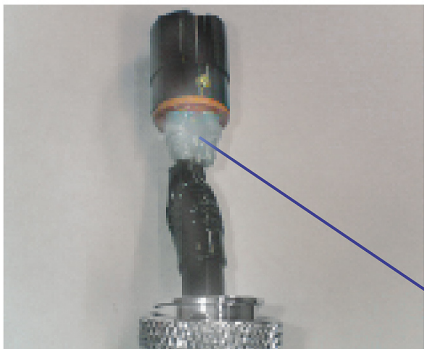


1.)



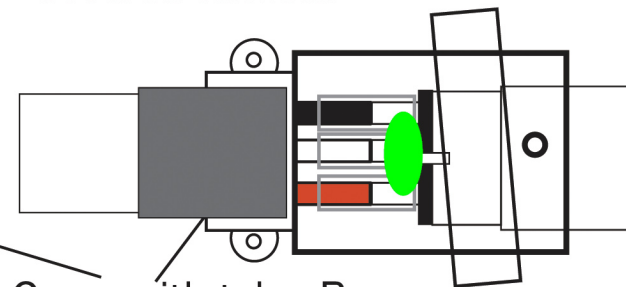
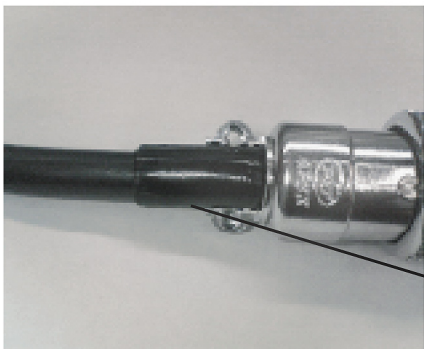
(1) Cover with tube-A or tape the terminals

2.)



(2) Glue between the screw and covered terminal

3.)



(3) Cover with tube-B or tape the terminals

