



<<Room Air Conditioners>>

Application of Silicone Grease to Power Transistors and Diode Bridges

Applicable models:

All outdoor units using inverter type compressor for room air conditioner

Whenever the PCB of any outdoor unit is removed, be sure to apply silicone grease (see *1) to the heat sinks of the power transistor and diode bridge (i.e., the surfaces coming in contact with the radiation fin).

*1: Silicone grease part number 1172698

[Description]

Silicone grease is necessary for promoting the heat radiation of the power transistor and diode bridge. Keep the following items in mind when performing servicing work.

* If a radiation failure occurs, the air conditioner may malfunction with the emission of smoke.

- The original paste need to be removed from heat radiation part, because it could have become solid and it's degree of adhesion could be reduced.
- Apply silicone grease evenly to the entire surface of each heat sink.
- Make sure that no foreign matters (e.g., residual solder or paper rubbish) are sandwiched by the radiation fin and the heat sinks of the power transistors and diode bridge.
- Tighten the screws of the power transistor and diode bridge securely so that the power transistor and diode bridge will not rise, and make sure that the heat sinks come in contact with the radiation fin.

[Example]

