



Technical Info

Installation instructions for cooling fan in SILVERBALL BEETLE PRO



T A B

A U S T R I A

Industrie- und Unterhaltungs-
elektronik GmbH & CoKG



Installation instructions for cooling fan in SILVERBALL BEETLE PRO

In order to operate the machine correctly, please follow the instructions below:

1. **Order numbers for cooling fan upgrade**
2. **Fixing the drill plate**
3. **Drilling the holes and fixing the fan**

IMPORTANT:

Before working on the machine **switch off** the machine and **disconnect the power cable**.

1. Order numbers for BEETLE and BEETLE PRO

Cooling Fan kit:

831000045 Fan kit for Beetle and Beetle Pro

The kit contains the following single parts:

- | | |
|----|--------------------------|
| 1x | Installation instruction |
| 1x | Drill plate |
| 1x | Fan (modified by TAB) |
| 2x | Thread screw M3 l=40mm |
| 2x | Dou Taptite 4mm |
| 2x | Bound nuts M3 |
| 4x | Cable binder |
| 1x | Wire guard |



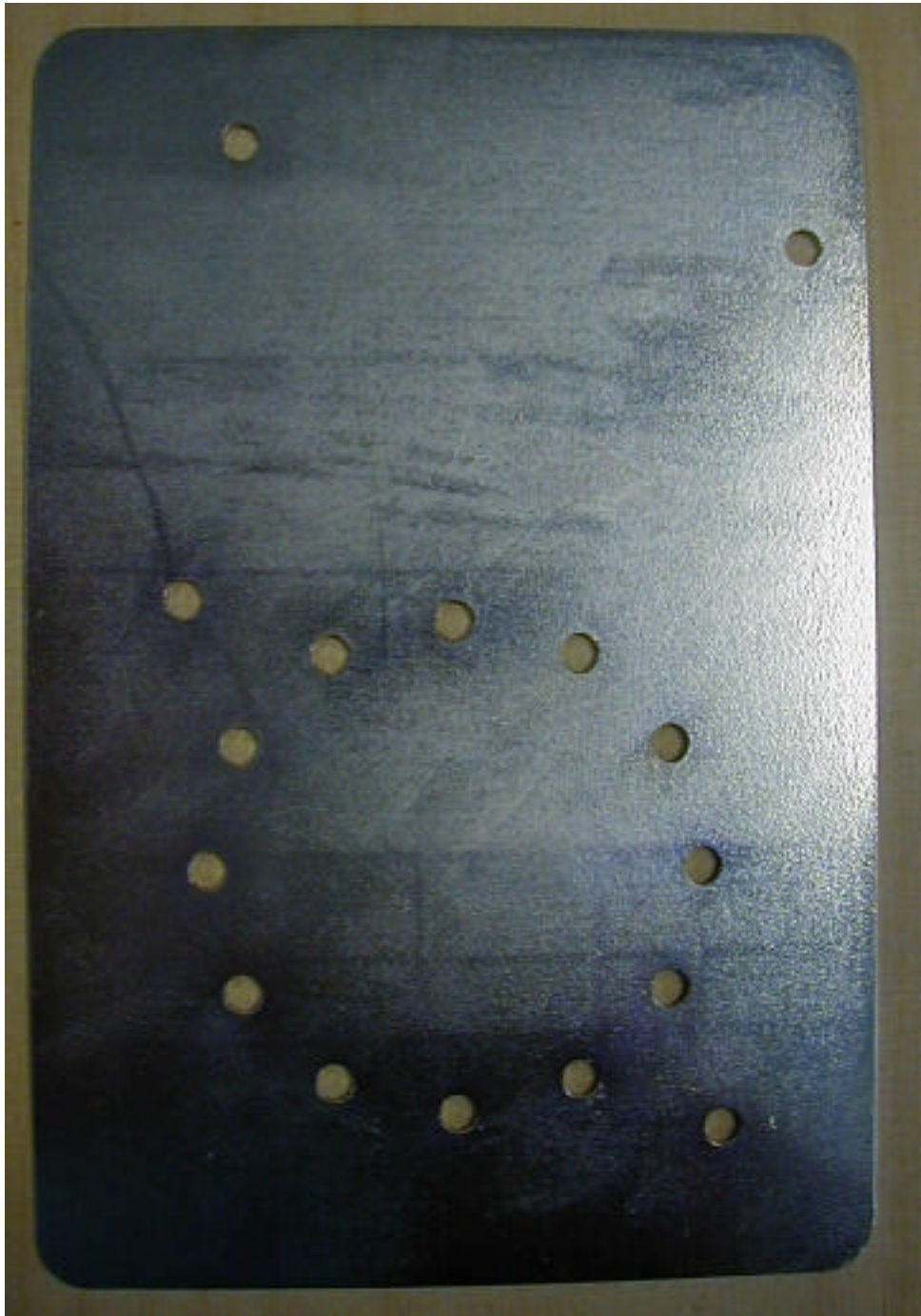
2. Fixing the drill plate

Fix the drill plate (picture 1) in the bottom of the chassis. (picture 2) The two holes on the bottom of the chassis helps to fix the drill plate correctly. Fix the drill plate with two Duo-Tapetite screws. (picture 3) On the last page you can find an additional drill plate in paper form. This second drill plate (only paper form) can be used, when instead of single holes a circle will be cutted out. The wire guard is for covering the circle hole in the chassis. Look appendix.



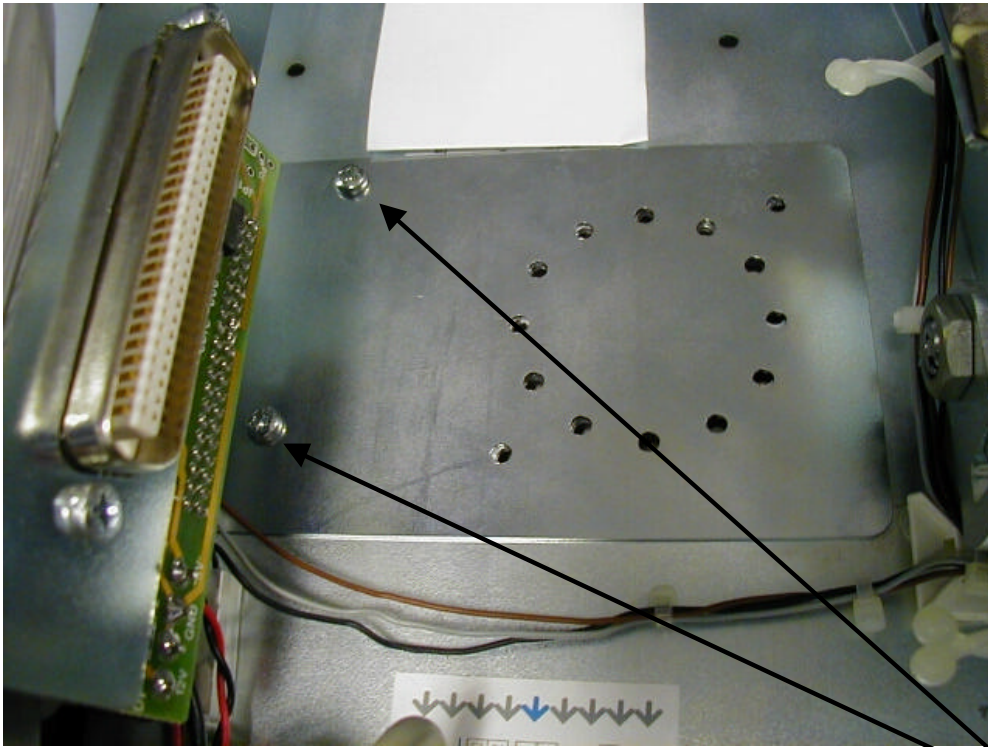
Picture 1

Drill plate



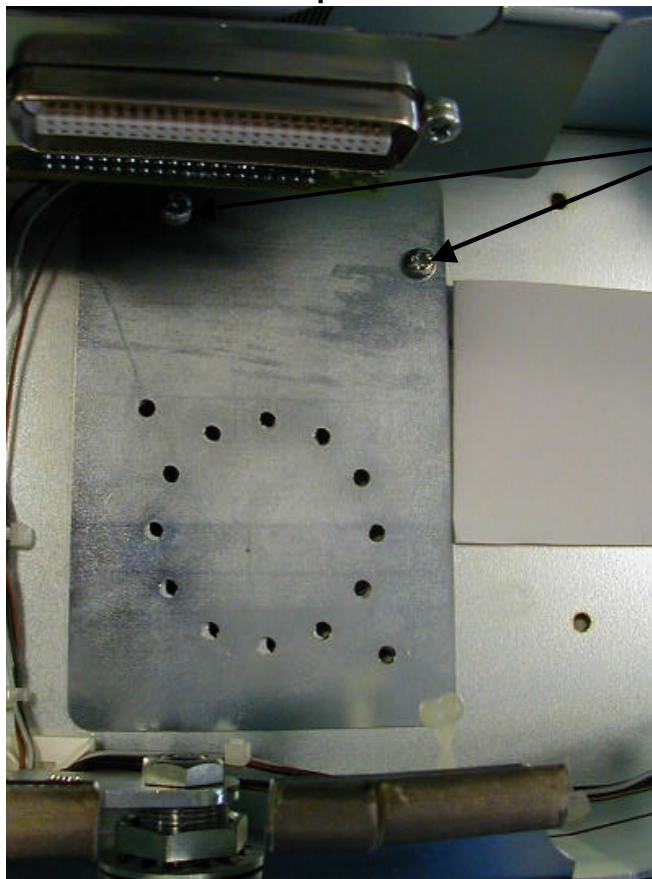
Picture 2

Drill plate in the machine



Picture 3

Drill plate in the machine



Screw the Duo-Tapetite screws in the drill plate and fix it in the holes in the machine.

3. Drilling the holes and fixing the fan

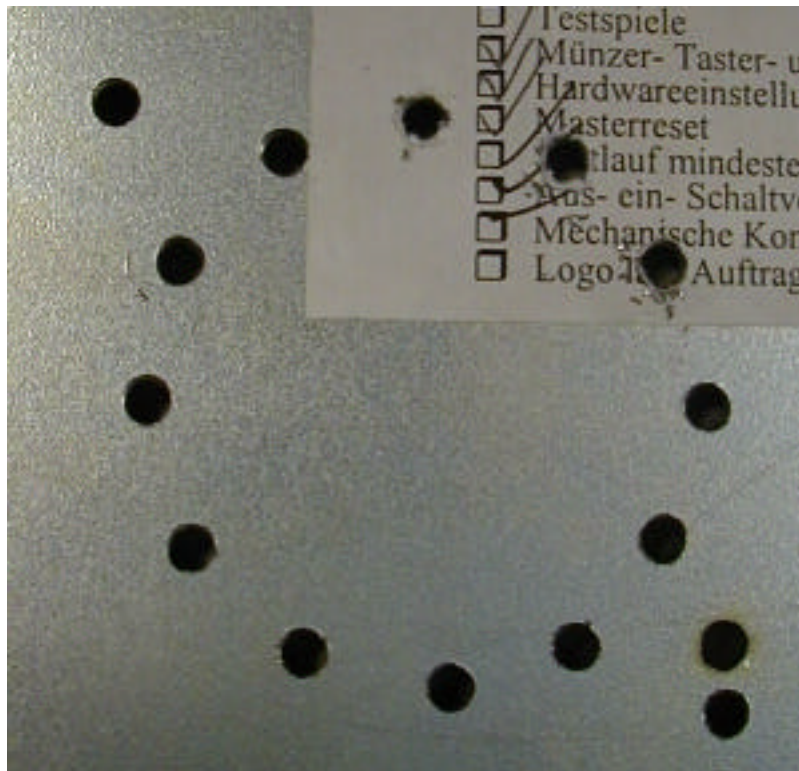
Now drill the holes with a \varnothing 3,5mm driller (Picture 4). After this, remove the drill plate from the machine. Drill up the holes with a \varnothing 10mm driller. After drilling the holes, remove burrs from the drilled holes and clean the inside of the machines from chips.

Do not forget to remove the chips from the machine, because this may cause damage of the electronic parts of the machine.

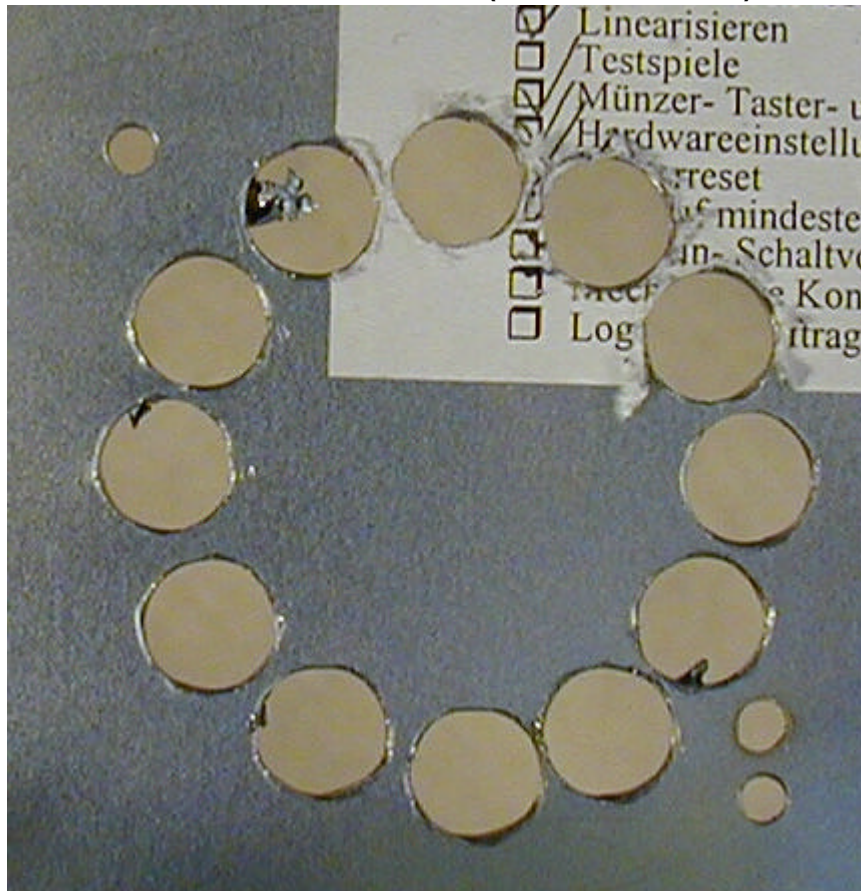
Finished drilled holes look like shown in Picture 5.

Picture 4

Pre-drilled fan holes



Picture 5

Finished drilled fan holes (Burr not removed)**Attention dangerous chips:**

Do not forget to remove burr of the holes on the in- and outside of the chassis and clean the chassis from chips before mounting the cooling fan.

Now you can fix the cooling fan with the screws contain in the kit (M3, l=40mm) to the chassis. (Picture 6)

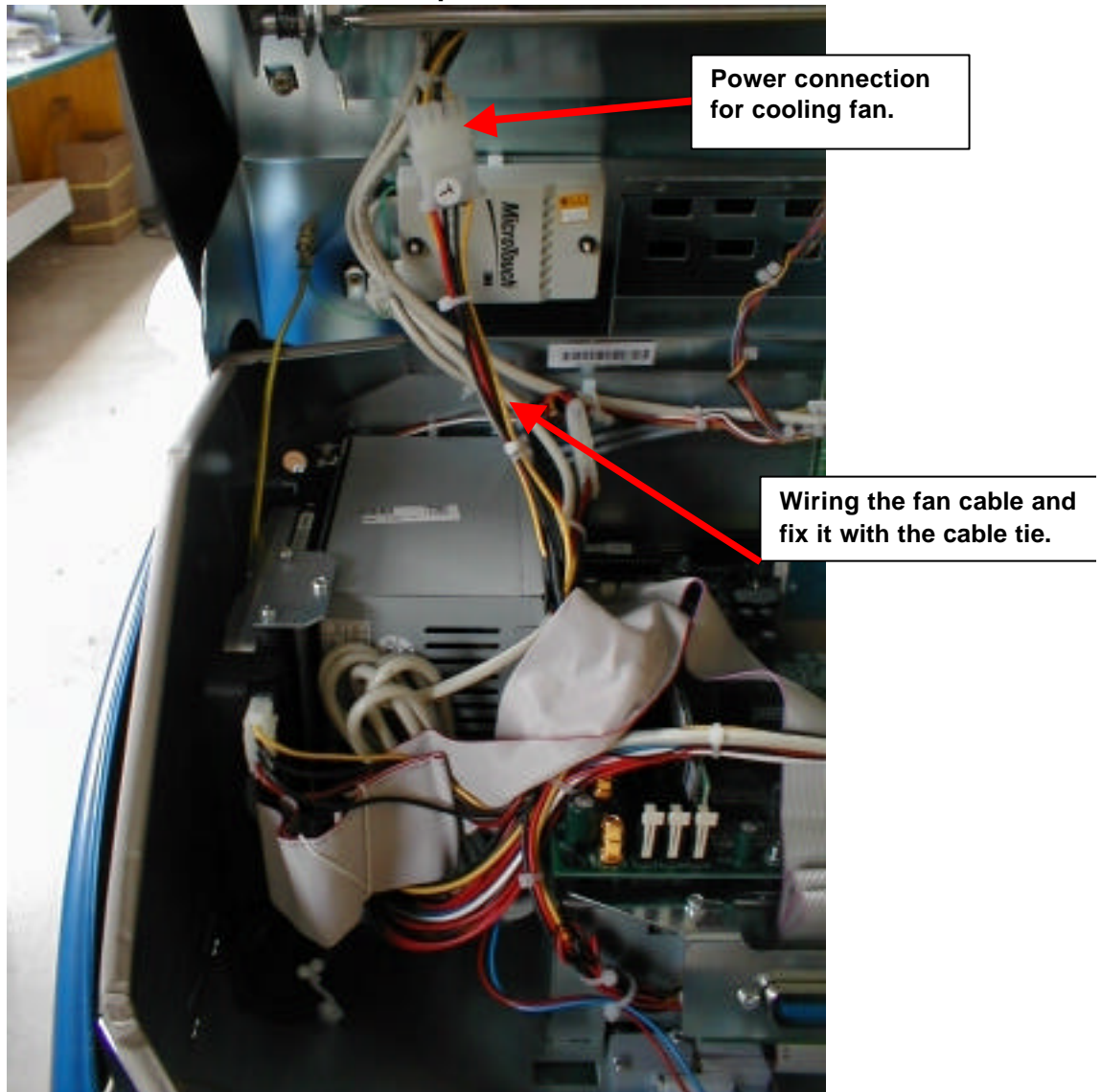
Picture 6

Mounted fan

Connect the cooling fan to the power source in the machine (Picture 7).

Picture 7

Connection with power source



After switching on the machine the cooling fan is working correctly, when blowing air to the inside of the machine.

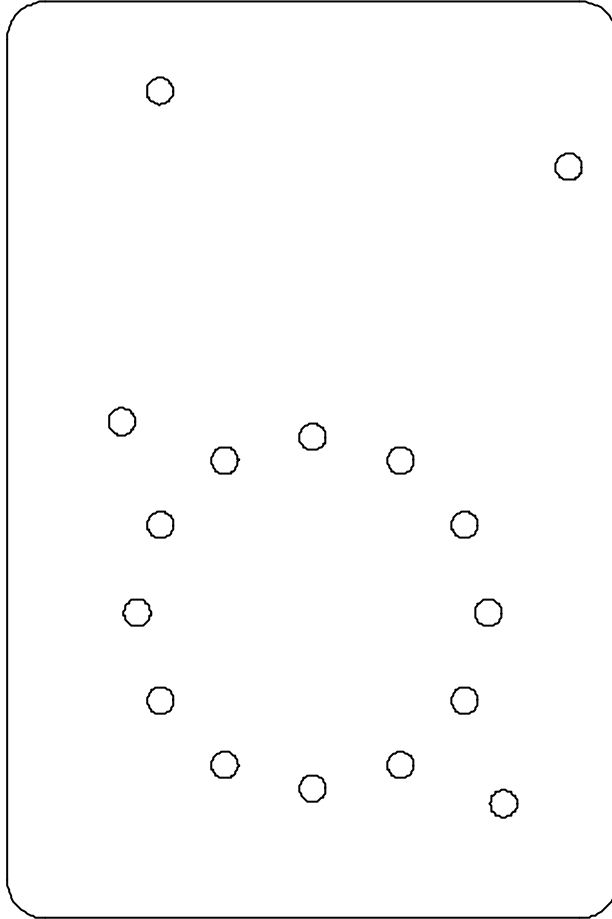
If you have any further questions, please call our hotline:

Call +43 / 72 29 / 78 0 40 - DW 250

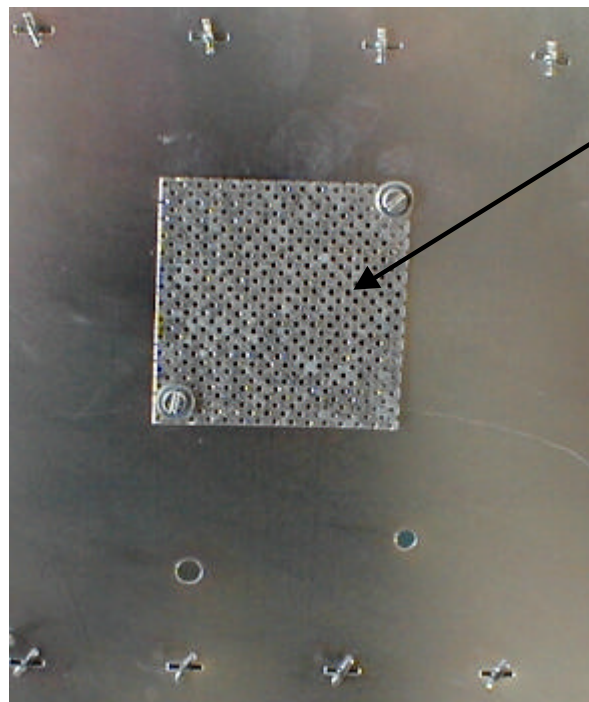
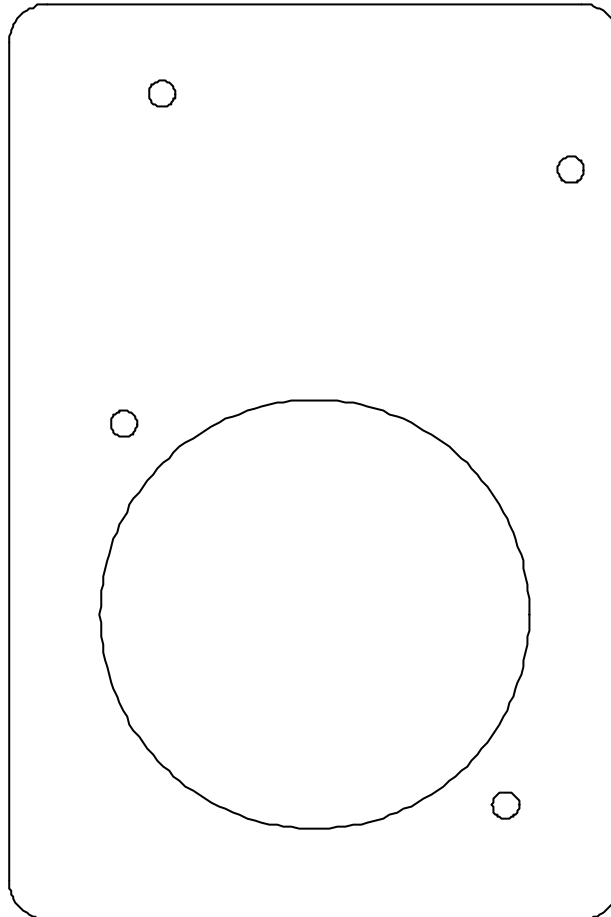


Appendix:

Drill plate



Drill plate for circle



When you cut a circle instead of single holes, mount the wire guard on the bottom of the machine.