

Important Instruction

Subject: Extraction of suction motor

Use With: Machines I25-140AVT

Extraction of suction motor from I25-140AVT

This instruction is applicable for:

I25-140AVT

Extraction of suction motor

All following steps must be done with the machine unplugged from the net.

1. Remove frontal panel and find the suction group.

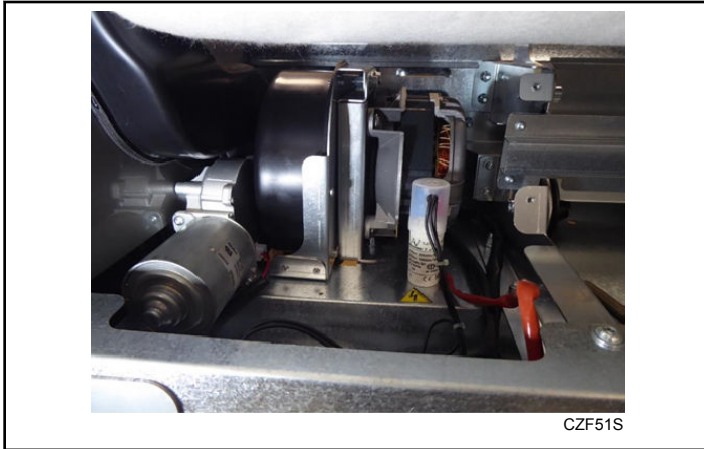


Figure 1

2. Turn the crown basin mechanism until basin touch the roller.



Figure 2

3. Temporarily lock the mechanism with a screwdriver or similar.

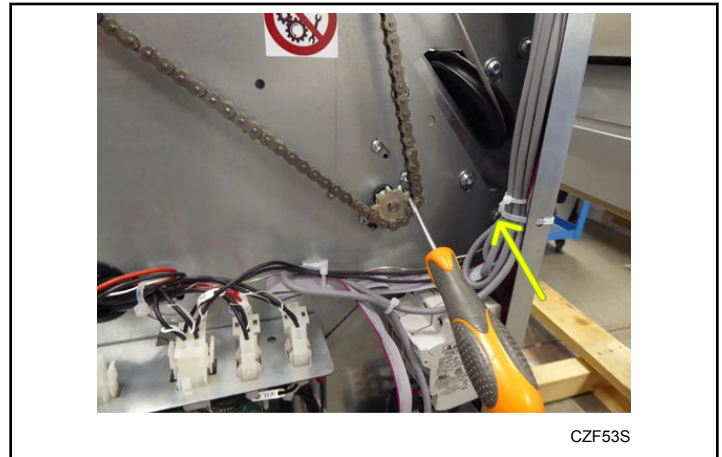


Figure 3

4. Unscrew all the screw fixing the fan to the main frame (screw are accessible from the bottom of the machine)

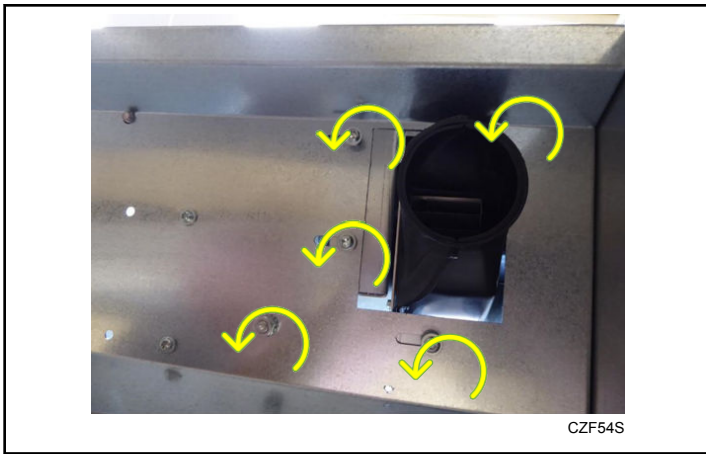


Figure 4

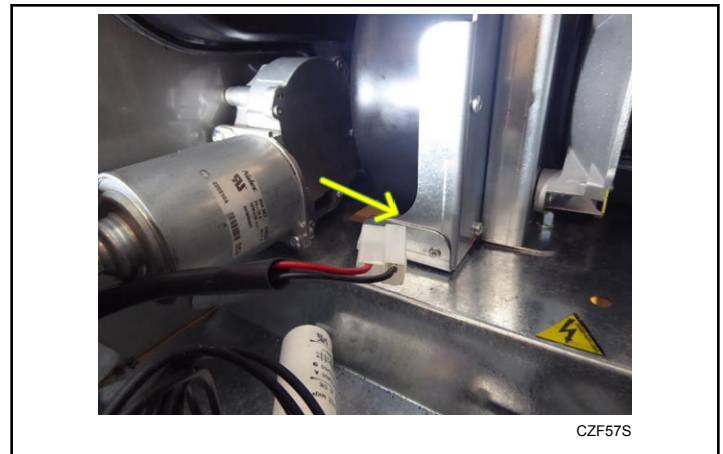


Figure 7

5. Unscrew the capacitor: it is possible to keep it electrically connected

8. Remove the roller chain: the easiest way is to remove the big crown



Figure 5



Figure 8

6. Unplug the electrical connector of fan

9. Unscrew all and remove the pinion of DC Motor. Extract the bearing support.

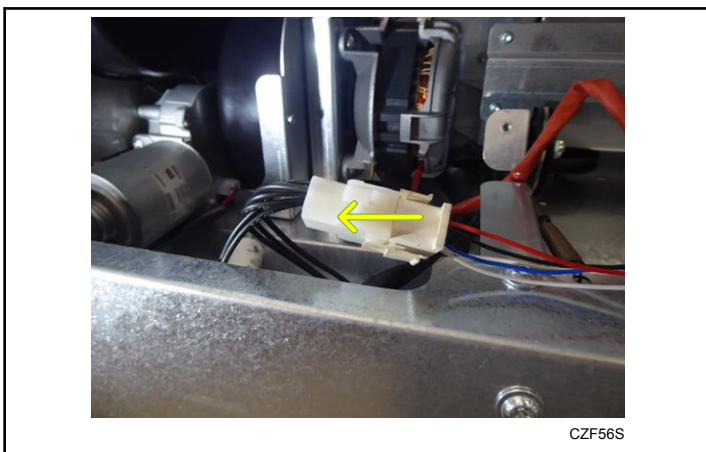


Figure 6

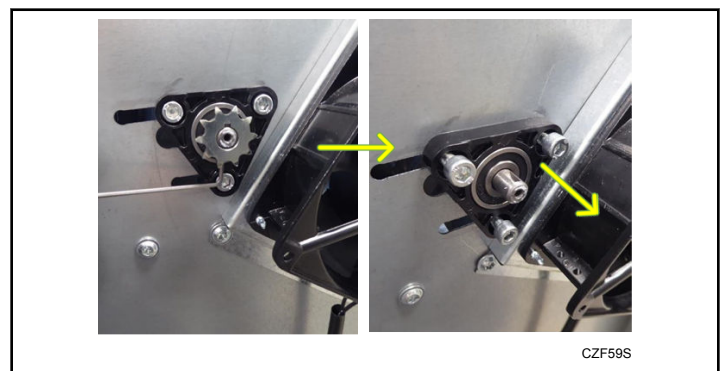


Figure 9

7. Unplug the electrical connector of DC roller motor

10. Extract the roller motor: move a little the fan motor to facilitate the operation

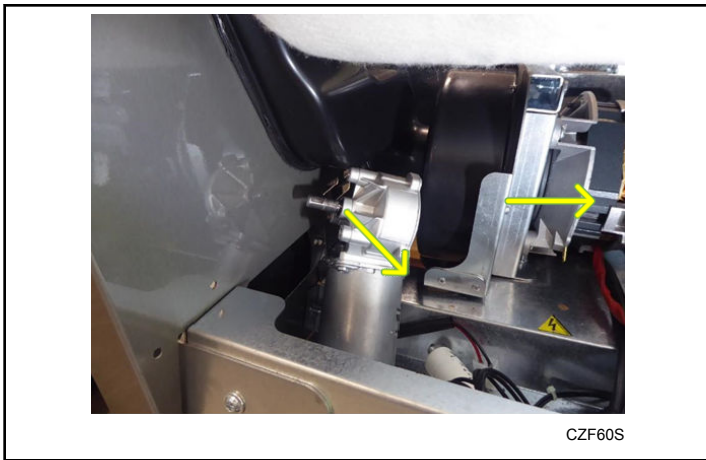


Figure 10

11. Rotate the fan motor

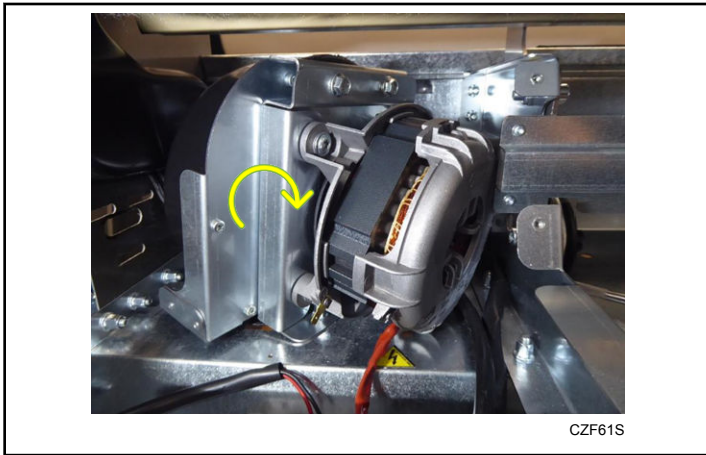


Figure 11

12. Unscrew the screws as illustrated below



Figure 12

13. Separate motor/fan group from the spiral



Figure 13

14. Turn a little the assembly Motor/Fan in order to extract the group

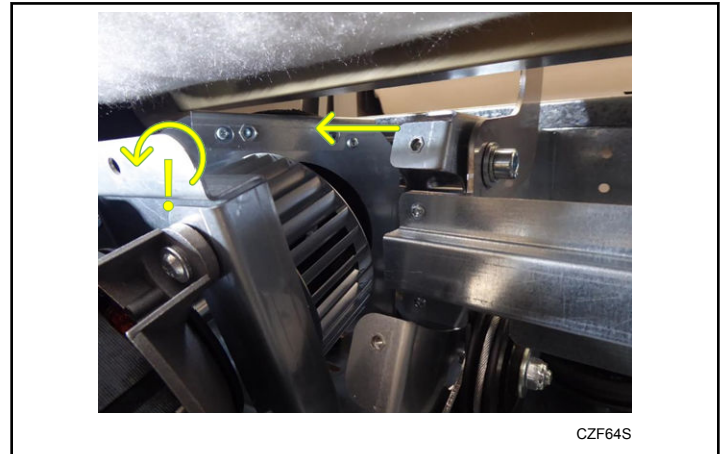


Figure 14

15. Reposition the spiral in the original position Move the motor until touch the frame in front position

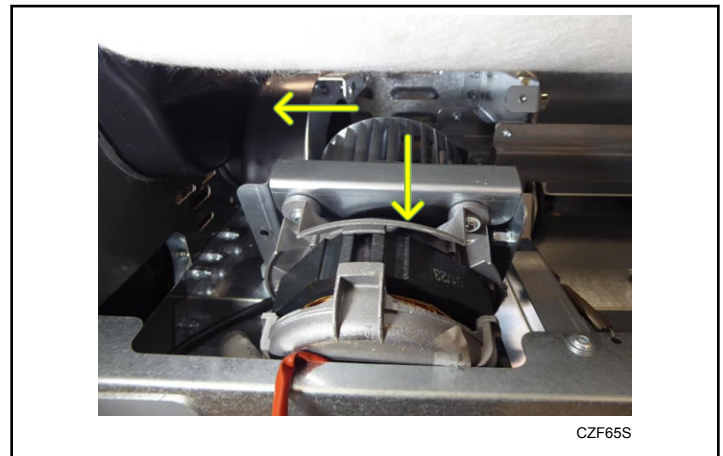


Figure 15

16. Extract the motor as shown in the picture below

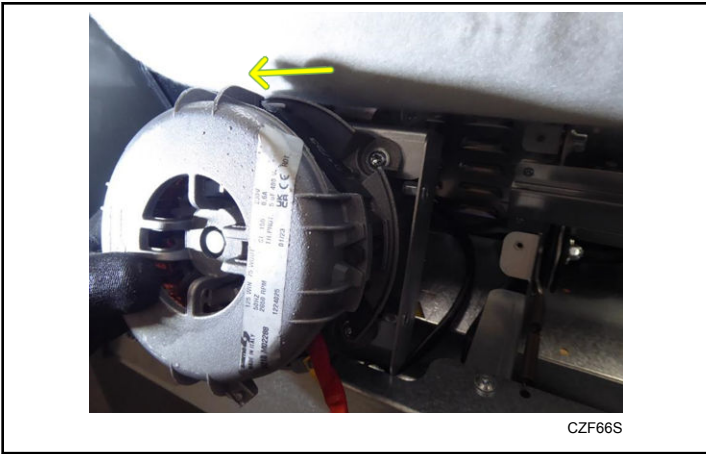


Figure 16