

Fresenius Medical Care SERVICE BULLETIN

Equipment: 2008 C/D/E/H Hemodialysis Machines
Bulletin: 99-FRS-004
Subject: Blood Pump Tubing Guide Inspection

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During the Quarterly/1000 hour Preventative Maintenance on all 2008 C/D/E/H Hemodialysis machines, the blood pump tubing guides should be inspected.

BLOOD PUMP ROTOR REMOVAL:

- Open the blood pump door and lift the blood pump rotor handle.
- Pivot the handle outward until it comes to a stop.
- Rotate the rotor 90 degrees to disengage it from the motor shaft.
- Once turned, pull the rotor from the motor shaft.

TUBING GUIDE INSPECTION:

- With the blood pump rotor removed from the blood pump module, locate the four (4) tubing guides. See Fig 1 for assistance.

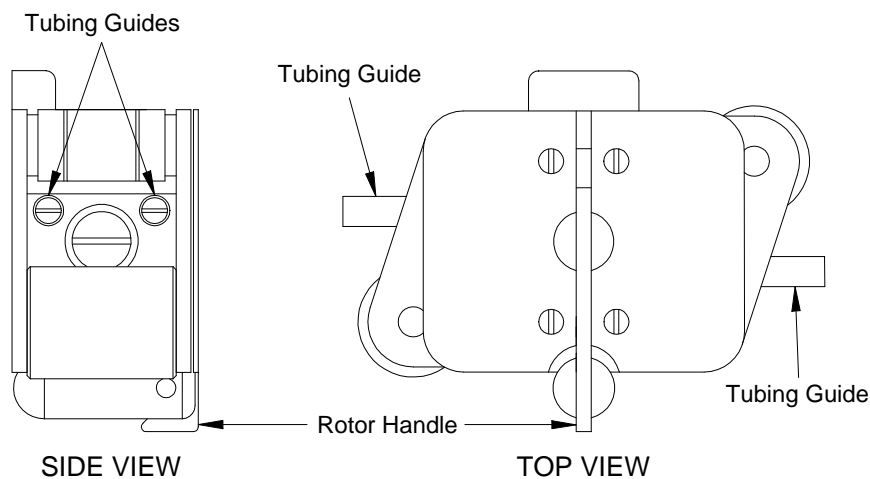
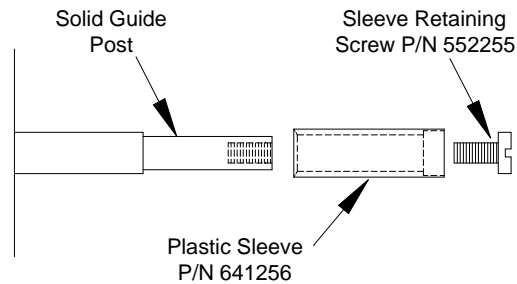


Fig 1

- If any of the four (4) tubing guides are missing, the rotor assembly needs to be replaced. (Fresenius part number 641463)

- On each of the tubing guides there is a plastic sleeve that should rotate smoothly. Inspect each plastic sleeve for smooth operation. If any of the plastic sleeves are missing, damaged, or do not rotate smoothly, replace with a new plastic sleeve. See Fig 2 for an exploded view and part numbers.



Tubing Guide (Exploded View)

Fig 2

- Without removing the plastic sleeve, inspect the solid guide post on all four (4) tubing guides. The solid guide post should not be loose or bent. If any of the solid guide posts are loose or bent, the rotor assembly needs to be replaced. (Fresenius part number 641463)

NOTE:

The plastic sleeve will make it feel like the solid guide post is loose. When inspecting, pay close attention to the movement of the metal shaft.

If there are any questions regarding this bulletin, contact Fresenius Technical Support at 800-227-2572.