

# Replacement Procedure 222108PM

## OsmoTECH® PRO System Exhaust Fan

### Scope

This document describes how to replace the system exhaust fan (p/n 222108R) on the OsmoTECH® PRO Multi-Sample Micro-Osmometer. It is intended for use in conjunction with service procedures that require access to the OsmoTECH PRO interior.

### Tools required

- #1 and #2 Phillips screwdrivers
- 5/16" nut driver
- Static grounding wrist strap

### Parts and materials required

Replacement part 222108

### Related documents

- *OsmoTECH PRO Disassembly and Reassembly* (p/n 222202PM)
- *OsmoTECH PRO Service Guide* (p/n 222006EN)

### Safety notices



**WARNING:** Hazardous Voltage. Power cord must be disconnected to prevent electrical shock.



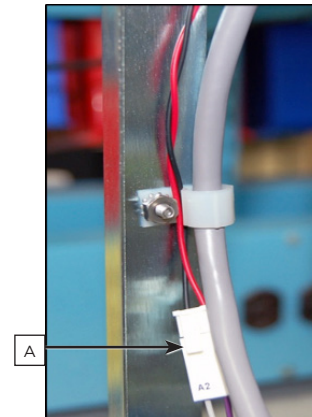
**NOTICE:** Internal components may be damaged by static electricity. A static grounding wrist strap must be worn during this procedure.



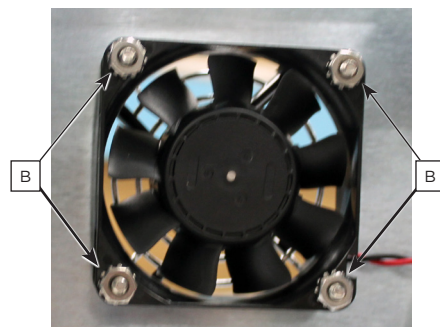
**NOTICE:** Improper connections may cause damage to the instrument.

### Removing the system exhaust fan

1. Remove the rear and side enclosure as explained in *OsmoTECH PRO Disassembly and Reassembly*.
2. Disconnect the A2 connector on the system exhaust fan from the A2 connector [A] on the cooling system harness



3. Remove the wire leads from the two cable clamps.
4. Remove the four screws and hex nuts [B] that secure the system exhaust fan to the chassis.



**NOTE:** Remember/record the position and orientation of the exhaust fan before removing it. The fan should blow out from the chassis.



### Replacing the system exhaust fan

Refer to [Removing the system exhaust fan](#) for image callouts.

1. Secure the replacement system exhaust fan to the chassis with the four screws and hex nuts **[B]**.
2. Set the new fan in the same position as the old one, with the arrow molded onto the body of the fan facing the exterior of the instrument.
3. Route the system exhaust fan wire leads through the two cable clamps.
4. Connect the A2 connector on the system exhaust fan to the A2 connector **[A]** on the cooling system harness.
5. Replace the rear and side enclosure as explained in *OsmoTECH PRO Disassembly and Reassembly*.