

Nanoject II (3-000-204/205A/206A) Troubleshooting

Please contact Drummond if you need further assistance

1-800-523-7480 or service@drummondsci.com

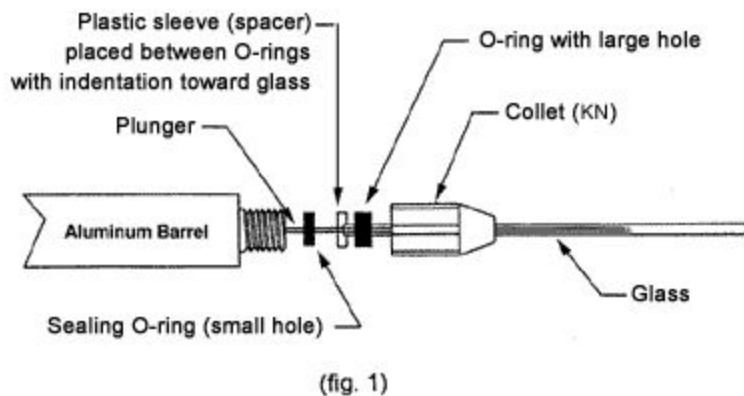
Servicing the Unit

There are only two common service functions that the end user will perform. (1) Replacement of O-rings and (2) replacement of the wire plunger.

**ANY ADDITIONAL SERVICE FUNCTIONS SHOULD BE PERFORMED BY DRUMMOND SCIENTIFIC.
UNAUTHORIZED TAMPERING CAN VOID WARRANTY.**

Replacement of O-rings

After a period of time or heavy use, some leakage of oil during injection might be observed. To correct this, the O-rings must be replaced; O-ring kit (3-000-002-KN) is provided. This step is critical for proper operation. Note the white spacer in fig. 1 must be properly oriented.



Replacement of wire plunger

To change the wire plunger (cat. no. 3-000-000-203-X) remove the collet and all collet components. Hold the motor housing and unscrew the aluminum barrel. Once free, pull off. You will see a brass fitting with two Allen screws. Unscrew these with the wrench provided in O-ring kit. Remove old plunger and place new one in fitting. Tighten the screws making sure wire is seated fully and straight. Replace aluminum barrel and collet.

Return plunger to "HOME" position (Plunger extended and will not retract)

When you plug in the Nanoject II, it will assume it is in the "home" position. When in this position, the tip of the wire plunger should be slightly recessed from the end of the collet. This prevents accidental damage to the plunger when not in use. To reset the plunger to this position, push the FILL and INJECT buttons simultaneously to override the current position. When in the home position, release both

buttons and the unit is reset. When unplugging the unit, make sure the plunger is in the home position. Upon restarting the unit, it will start in this position.