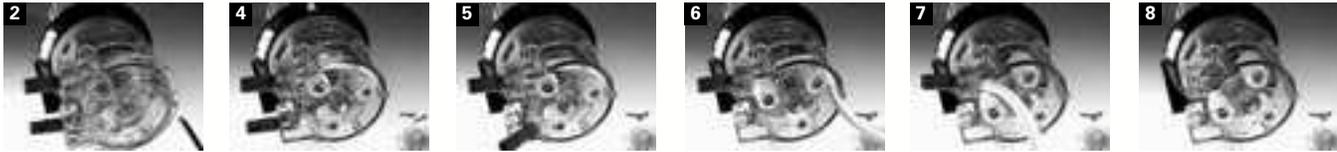


PUMP TUBE REPLACEMENT INSTRUCTIONS

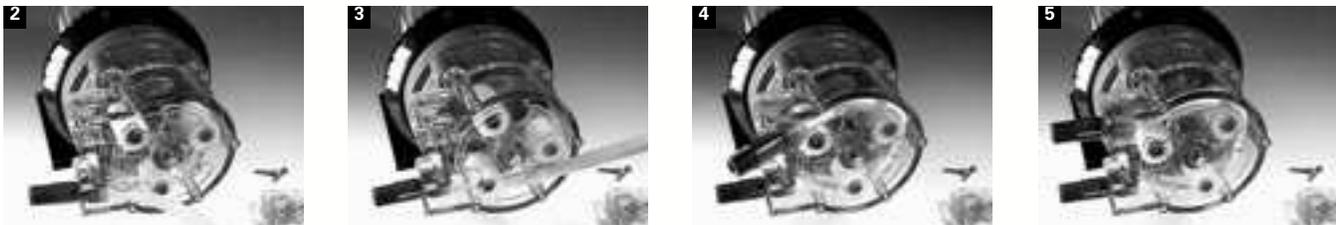
Removing the Old Pump Tube

1. Turn metering pump "off."
2. Unscrew and remove the tube housing cover.
3. Set the Feed Rate Dial to L setting and leave on this setting until finished.
4. Turn the pump "on" and let it run until one of the three slots in the roller assembly lines up with the bottom tube fitting (suction side).
5. Turn pump "off."
6. Without moving the roller assembly further, lift the tube fitting out of the housing slot and pull it toward the center of the roller.
7. Turn the pump "on" and allow roller assembly to jog while guiding the tube up and out of the housing. Turn the pump "off" when the slot in the roller assembly aligns with the "OUT" (discharge) tube fitting. Completely remove the tube assembly.



Installing the New Pump Tube

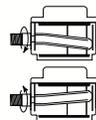
1. With the pump still on L setting, run until one of the three slots in the roller assembly lines up with the bottom tube fitting (suction side). Turn pump "off."
2. Place the tube fitting into position in the housing and slot.
3. Turn the pump "on" and allow the pump to jog the roller assembly while guiding the tube to prevent it from getting pinched between housing and roller assembly.
4. When the roller assembly slot reaches the housing slot the fitting inserts into, turn pump "off." Turn Feed Rate Dial to "10." While holding fitting away from roller assembly, turn pump "on" and allow rollers to stretch tube until fitting can be inserted into the housing.
5. Turn the pump "off."
6. Replace the cover and the screws leaving the front screws over the fitting loose enough to rotate the tube fitting.



Centering the Pump Tube

To obtain maximum tube life, the tube must ride in the center of the rollers.

1. To center the tube on the rollers, set the Feed Rate Dial to setting "10." Turn pump "on."
2. Turn the "IN" (suction) tube fitting located on the bottom of the pump head not more than 1/8" of a turn in the direction in which the tube must move.
3. Observe the tube assembly respond and adjust in either direction until the tube rides approximately in the center of the rollers.
4. Turn the pump "off." Tighten the cover screws.



Note: Avoid rotating your wrist while installing tube. This will prevent tube twisting. A twisted tube will not center. BE CAREFUL OF YOUR FINGERS. Do not force the tube.

IMPORTANT TIP

Schedule a Regular Pump Tube Maintenance Change to prevent chemical damage to pump and/or chemical spillage

- Always rinse off and wipe chemicals, residue and debris from the pump head components before replacing the tube.
- Check the pump tube regularly for leaks and wear. At the first sign of leakage, replace the pumping tube and ferrules.
- Inspect the suction/discharge tubing, injection point (into the pipe) and injection check valve duckbill for blockages after any tube rupture. Clear as required.
- Inspect the pump head components for cracks. Ensure that the rollers are spinning freely.
- Tighten the suction/discharge connecting nuts, finger tight only.
- Pump fresh water through the tubing to clean out chemicals if the unit is to be shut off for a prolonged period or shipped.
- Follow all the guidelines for pump tube installation and centering.

IMPORTANT CAUTIONS

- Use caution when disconnecting the suction/discharge lines when changing the tube or the tube housing as they may contain hazardous chemicals. Loosen connection nut to relieve resident pressure on the discharge "OUT" pump tube.
- Always wear proper protective safety equipment, such as gloves, apron, safety glasses, face shield, etc., when performing maintenance on chemical metering pumps.