

FMS Pump and Valve Warranty and Replacement Information

All pumps and valves manufactured by EAC on new equipment are automatically warranted under standard terms for 90 days from date of shipment. Please see full warranty information in the machine manuals and the provided literature with each spare/replacement pump/valve for further details. All spare/replacement pumps and valves manufactured and shipped from EAC come with a warranty registration card that must be filled out completely and returned. The 90 day warranty will restart 10 days after receiving the registration info. The standard 90 day warranty will be recorded under the pump serial # and installation date reported on the registration card. Failure to fill out the warranty registration card will not extend the warranty past the original 90 days.

Pumps: Pumps that are subject to warranty return must be accompanied by an RGA # (Return Good Authorization). Please call for an RGA # and verify warranty before shipping any part to expedite the process. Please follow warranty registration procedure on all pumps and valves that are installed in the field.

Rebuilding pumps is not suggested and cannot be covered under standard warranty policy. Special circumstances that warrant a request for rebuild will be charged time and materials.

Valves: Valves are equipped with a packing nut and can be adjusted in the field to increase usable life. Please see the engineering update in the manual for more technical information. Valves have an available rebuild kit designed for customer installation. Please consult a parts representative for details.

The above information and procedures have proven to be an effective system to ensure quality products to our customers. Proper warranty documentation has helped Erdman Automation Corp. in providing consistent and quality parts as well as troubleshooting issues the customer may have in the field. Please call the office and ask for a parts representative if you have any questions or comments regarding any of the information provided.

PARTS ORDER

When placing an order, please provide EAC with the following information: Machine Serial Number (located on machine & cover of manual) Item/Part Number & Description Bill to/Ship to Information Contact/Attn to, Name & Number Purchase order Number or Visa/MasterCard Information

EACypump Fluid Meter and EACyflo Valve:

Instruction for removal and installation

1. Shut off the air to the extrusion on pump and purge the remaining air pressure in the sealant hose by using the Purge Button on the controls cabinet of the machine.
2. When all the pressure has been depleted from the sealant supply hose, shut off and disconnect the air to the machine and extrusion pump. Turn off the power and disconnect the supply cord to the machine controls cabinet.
3. Have a supply of rags or paper towels handy to clean up any excess adhesive.
4. Disconnect and cap the main sealant supply hose from the existing fluid meter or valve.
Note: Parts and/or fittings that are disconnected and exposed to air for more than 15 minutes should be sealed to prevent curing that can cause malfunction or damage to sensitive components.
5. Mark the placement of air supply lines to the cylinder on the existing valve and disconnect. (On heated units, mark placement of thermal couples and heater elements on both fluid meter and valve to assure proper installation on new unit.)
6. When replacing fluid meter or valve, take note of assembly orientation before removing old unit and assembly accordingly.
7. Fluid meter and valve assemblies are mounted to the gearbox using a variety of mounting plates. It may be easier to remove a portion of the mounting assembly with the fluid meter so take a moment to find the best method of removal. Pull the fluid meter away from the gearbox, making sure to note the placement of the spider gear for installation on the new fluid meter. Transfer any portion of the mounting assembly to the new fluid meter if needed.
8. Remove the Coupling on the old fluid meter shaft by loosening the setscrew and place it on the new fluid meter shaft. (Repeat this step for nozzle coupling on long body style fluid

meters.) Do not tighten the setscrew(s) at this time. Hold the spider gear in place on the gearbox coupling, while positioning the new fluid meter. When the fluid meter is in position, tighten the setscrew on the fluid meter side coupling. Replace the socket head bolts on the mounting assembly and tighten.

9. Reconnect the air supply lines to the cylinder on the new valve and install thermal couples/heater elements to fluid meter/valve, if applicable.

10. Make sure the valve fitting on the main sealant supply hose is free and clear of any debris. If not, wipe clean and attach to the new valve. Check all bolts and fittings for tightness.

11. Plug in the power cord and apply power to the machine, this will allow the machine to come up to operating parameters. Plug in the air supply lines to the machine and to the extrusion pump. Apply air pressure to both.

12. Purge the system, using the Purge Button on the control cabinet. Repeat the purging process until all the oil and air is out of the new fluid meter and valve assembly.

Pump and Valve Rebuild Program

INSERT DATE

Erdman Automation Corp. reserves the right to refuse to rebuild any pump or valve at any time. It is completely up to our discretion what pumps and valves we rebuild.

The warranty will apply only to fluid metering components in applications approved by EAC. All exchange MAT must be returned to EAC for proper technical dissection and analysis. A return goods authorization WRR number (RGA #) is required as well as the machine serial number from which the components were MCDON removed.

*We do not rebuild hot melt valves and meters.

*If valve is leaking around packing nut, instead of sending valve in for rebuild, please refer to packing instead of nut instruction sheet, and perform maintenance.