

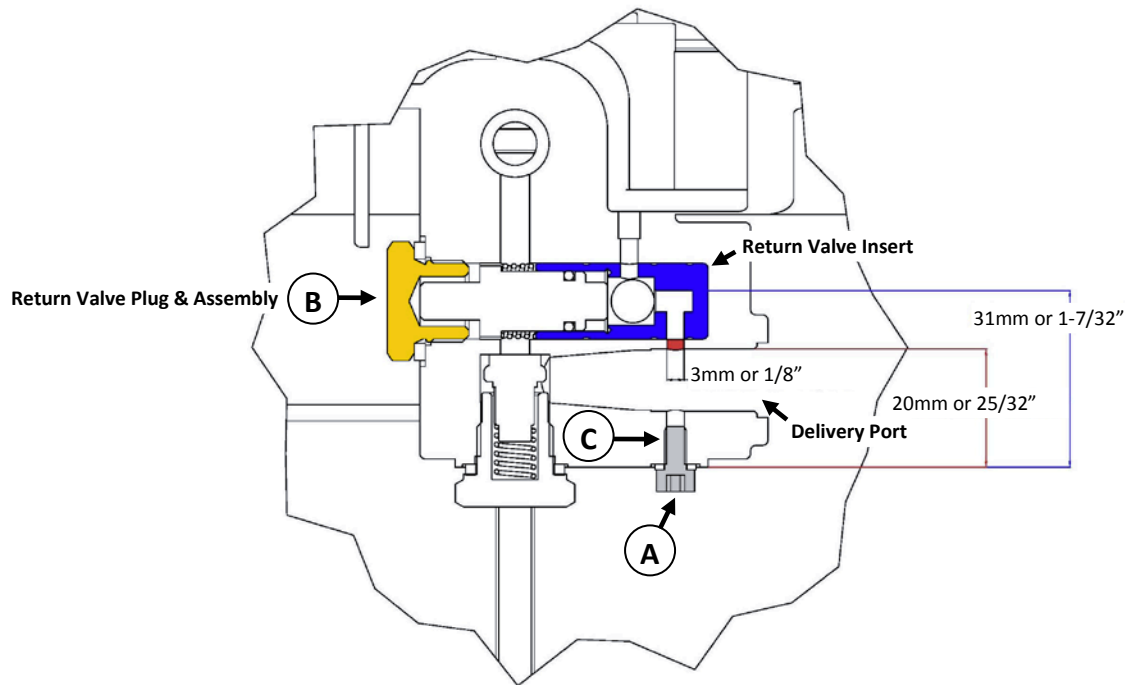


EPO Pump Series C1049 Not Coming Off Pressure

To : Recipients & Distributors

Recently two EPO Pneumatic pumps, serial number: 321 0000 C1049-035 and 321 0000 C1049-038 were observed not coming off pressure during installation tests. It was determined that during manufacture an internal gallery had not been completely drilled through the pump body to allow grease to pass through the return valve insert.

EPO Pump frontal cut away



Diagnose:

Remove the 3mm Allen head screw (A) and insert a 1.5mm Allen Key into the gallery opening until it bottoms out. Clamp the Allen Key using your thumb and withdraw it from the gallery. Measure the distance from your thumb nail to the end of the Allen Key. If the depth is 20mm or less, the internal gallery has not been drilled through.

Solution:

Remove the "return valve plug" (B) and valve, place these in a clean bag to ensure they are not lost or contaminated, then using a pen magnet remove the "return valve ball" from the "return valve insert". Using a 7/64" drill bit inserted into "cross drill port" (C) drill a hole through the pump housing and into the return valve chamber. Remove mainline fitting from pump housing and manually cycle pump 3 times to clear the pump of any metal fillings. Reassemble and follow system pressure test procedure.

We apologize for any inconvenience.