

Subject: PEFS LOP Valve Actuation Bypass

Product: PEFS F3/F3N/C6 LOP systems

Parts: 28059 LOP Valve Actuation Bypass

There have been a couple of reports where the LOP Valve Actuation Bypass Filler Plug has been found incorrectly assembled. The incorrectly assembled Filler Plug will allow the pressure in the cylinder to release through to the actuation lines when the system is actuated and will prevent the LOP valve from opening.

Figure 1 below shows the correct and incorrect assembly of the Filler Plug.

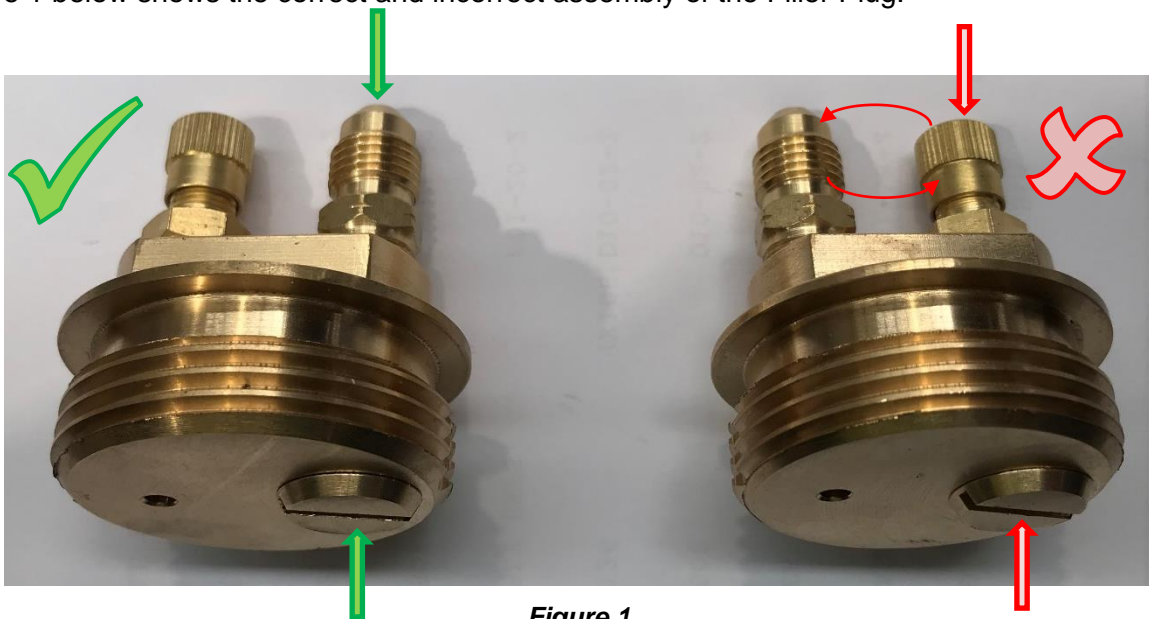


Figure 1

Chubb has implemented additional quality control inspections of production stock to ensure the Filler Plug is correctly assembled prior to release. From September 2021 all Bypass Kits will be supplied with a Filler Plugs that can be visually identified by the punch mark near the Schrader Valve as shown below in Figure 2.



Figure 2

Infield Action:

At the next service or opportunity for all Bypass Kits check the Filler Plug for correct assembly.

Bypass Kits not yet installed:

Prior to installation visually check the orientation of the Schrader valve and connection adaptor as per Figure 1 above. If the assembly is incorrect and/or without a punch mark, carry out the rectification as needed.

Bypass Kits installed:

For PEFS systems in service that are pressurised you can check for correct assembly by depressing the Schrader valve core:

- Pushing the Schrader valve core on a Filler Plug that is correctly assembled will result in pressure loss. (Note: this will not discharge the system, but the system may need to be topped up with pressure)
- Pushing the Schrader valve core on a Filler Plug that is incorrectly assembled will result in the internal check valve closing and stopping the release of pressure.

Rectification:

Any incorrectly found Filler Plugs can be rectified by:

- Unscrewing and re-assembling the Schrader valve and the connection adaptor in the correct configuration as per Figure 1 above.
- Use Loctite 577 on the threads.
- Notify Chubb QA at gerrard.prakash@chubb.com.au

Once the Filler Plug has been verified that it is assembled correctly it should then have a punch mark applied to the Filler Plug near the Schrader Valve as shown in Figure 2. This is to identify that the Filler Plug has been checked and is correctly assembled on all future scheduled maintenance.



Figure 3

Note: As the material is brass, it only requires a light stamp using a punch and soft mallet. This can be carried out on a solid bench prior to installation or can be carried out in place on an installed cylinder.

Alternatively, any Bypass kits found to be incorrectly assembled can be returned under warranty to Chubb.

Effective Date: Immediately

Issue Date: 28/09/2021