

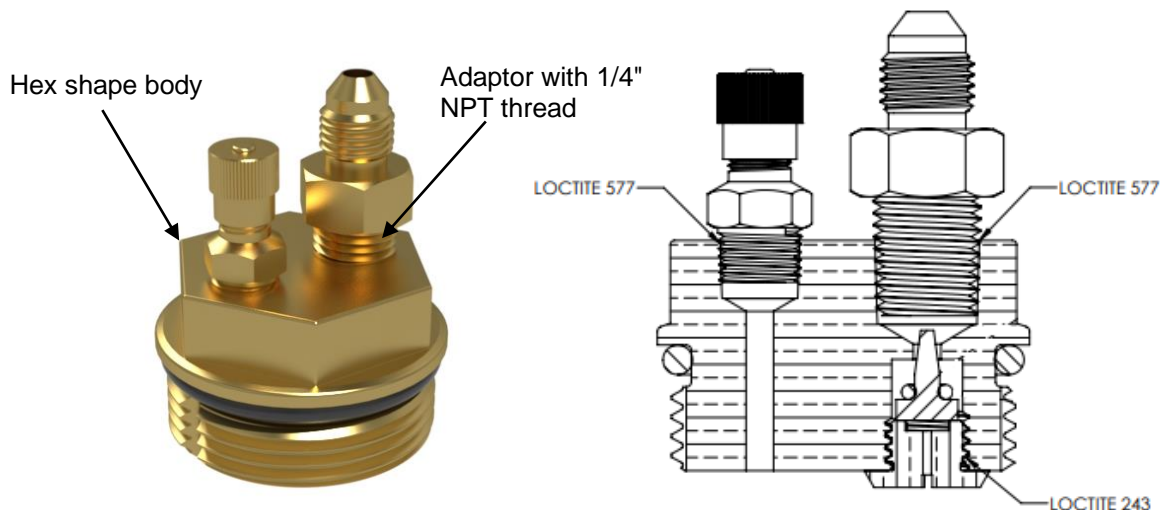
Subject: PEFS LOP Valve Actuation Bypass Improvements

Product: PEFS F3/F3N/C6 LOP systems

Parts: 28059 LOP Valve Actuation Bypass

Multiple improvements have been implemented to the LOP Actuation Bypass Filler Plug:

1. Body changed to hex shape to allow better access with spanner
2. Adaptor changed from 1/8" NPT thread to 1/4" NPT thread to mistake proof assembly.
3. The loctite used on the retainer has been changed from Loctite 577 (a low strength sealant) to Loctite 243 which is a medium strength locking and sealing compound. This Loctite will reduce the risk of loosening against vibration but still allow disassembling for maintenance. Please note that Loctite 577 should still be used on the threads of the shraider valve and the adapter.



Infield Action:

The following yearly maintenance instructions should be followed and replaces the instructions detailed in the PEFS F3N Maintenance Manual version 1.0.

Additional requirements if LOP Valve Actuation Bypass is installed:

1. Remove hose assembly (17) from filler plug assembly (1)
2. Remove filler plug assembly (1) from cylinder
3. Unscrew retainer (18) and remove check valve (19)
4. Inspect and clean retainer (18), oring (20) and check valve oring (21). Replace if they show signs of wear or damage. Do not lubricate check valve o-ring (21).
5. Re-fit retainer (18) using Loctite 243 on thread. Only use a small dot of Loctite as shown below. Allow to cure for at least one hour.



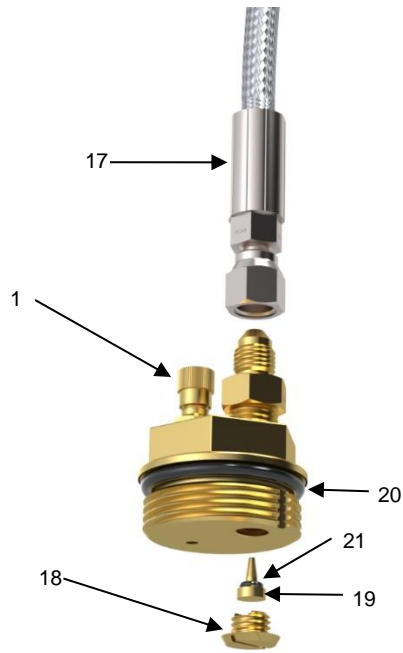


Figure 5

Effective Date: Immediately

Issue Date: 8/03/2022