

JOB GUIDE 17

Water drain pump replacement

Reference	Title	Frequency
JOB GUIDE 17	Water drain pump replacement	

Objective:

The objective is to replace the water drain pump.

Reference:

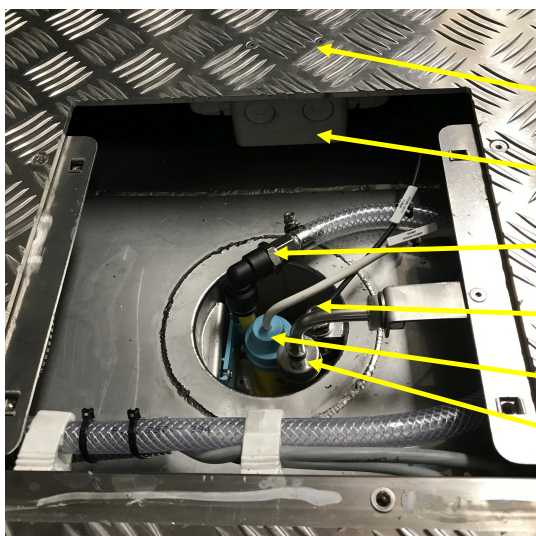
- -

Job instructions:

The system is equipped with a pump which is activated by a primary float switch. In case the primary float switch is not activating the pump, the secondary float switch will be activated and shall activate the pump and close the after supply to the fire trainer by activating a water valve. An indication will appear in the IOS.

Replacement of the water pump:

1. Switch off the main power switch
2. Open the cover
3. Disconnect the Allen bolts and pull the connection box forward
4. Open the connection box and disconnect the Primary float switch connection
5. Disassemble the water pump
6. Replace the water pump and reconnect the Primary float switch connection
7. Re-install the connection box
8. Switch on the electrical power
9. Throw water in the drain to test the proper functioning of the water pump
10. Close the cover



- Allen bolts
- Connection box
- Water drain line
- Primary float switch
- Water pump
- Secondary float switch

Figure 1 - Water drain system