



Replacement instructions: Filter – element

Manual:	Replacement instructions: filter – element
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Replacement instructions for filter

This instruction applies for product codes: 201050, 201052, 201054.

1. Safety precautions



Only trained and qualified personnel familiar with handling liquids under pressure, such as LPG, may service Yenen equipment.



ALWAYS disconnect and lock power supply before starting to service the hydraulic parts.

- Make sure that all necessary safety precautions have been taken. Make sure that proper ventilation, fire prevention, evacuation and fire procedures are provided.
- Provide easy access to fire extinguishers. Understand and adapt all local safety codes.
- Read this manual as well as other available literature and drawings.
- Use protective clothing to prevent cold burns.

In the event of a gas leak:

1. Stop the leak by closing the nearest valve or shut-off device.
2. Use protective clothing to prevent cold burns.
3. Prevent accidental ignition.
4. Beware that LPG is heavier than air and therefore seeks lower level.
5. Evacuate all people from the danger zone.
6. Ensure that the area is safe before resuming the operation. If in doubt, notify the local fire department.

In the event of a gas fire:

1. Stop the leak if it is within safe reach.
2. Notify the local fire department if it is a large fire that cannot be controlled safely.
3. In case of a small, contained fire, use the appropriate extinguisher. If in doubt, notify the local fire department.

2. Instructions

1. Determine whether the filter is equipped with a purge valve or not.
2. If the filter is equipped with a purge valve decide whether to purge the remaining LPG in the system with nitrogen or to relieve the LPG to the atmosphere.
3. To purge with nitrogen, see 2.1
To relieve LPG to the atmosphere, see 2.2

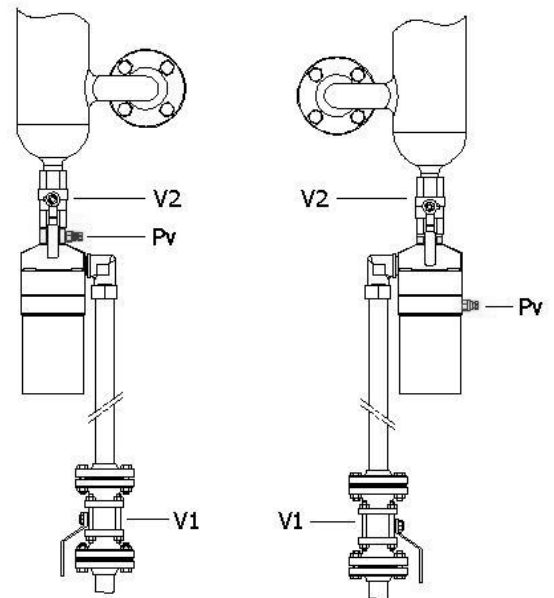
Empty filter by purging and replace filter

1. Close V1.
2. Connect the nitrogen tube to the purge valve.
3. Slowly open the nitrogen line on the nitrogen tube and regulate the pressure.
4. The pressure value has to be higher than tank pressure with approximately 2-3 bars.
5. Run roughly 3 - 4 liters of nitrogen through the system to flush all LPG back to the storage tank.
6. Close V2 and Pv.
7. Disconnect the nitrogen line from the purge valve.
8. Open Pv to relieve the nitrogen from the filter and close Pv again.
9. Keep all ball valves closed.
10. Continue with step 3 from 2.2.



Relieve LPG to the atmosphere and replace filter

1. Close V1 and V2.
2. Open Pv to vent the remaining LPG to the atmosphere or untie the bolts slowly to vent the LPG.
3. Remove the 4 bolts with 8 mm Allen wrench.
4. Take out the lower body of the filter and clean inside this lower body.
5. Take the filter from the upper body and clean inside this upper body.
6. Fix the new filter element to the upper body.
7. Remove the o-ring from the lower body and replace it with a new o-ring.
8. Connect the lower body with the upper body with the 4 bolts (2.5 kgfm).
9. Open V1 and V2.
10. Check the system for leaks.





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