

Tool: Ci IV8 Separator Disc tool

General

The Ci IV8 Separator Disc tool is used to remove/fit the separator disc [16] and piston [23] on the Ci IV8 valve.

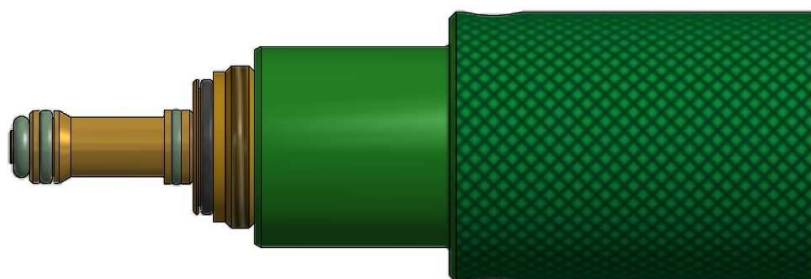
Performing maintenance on the Ci IV8

To remove the separator disc [16], item no. 305011, follow the following steps:

1. Make sure the Ci IV8 valve is depressurized.
2. To access the separator disc, remove the actuator plug [20] following the procedure described on datasheet 305491 and extract drive piston [18], item no. 305018 (with rod and other parts), and place it in the act plug. Remember to loosen the set screw [2] first.
3. Unscrew separator disc with Ci IV8 Separator Disc tool, item no. 305490 (pictured to the right). Place the separator disc on the separator disc tool to prevent contamination of the o-rings.
4. Using a 4mm hex wrench through the 5mm hole, carefully push the piston [23] out of the valve. Be particularly careful not to scratch the inside bore of the valve body.
5. When maintenance is completed, place the new piston [23] on the separator disc tool. O-rings must be lubricated (use lubricant, item no. 203012). Damaged or dirty o-rings must be replaced.
6. Carefully insert the piston and separator disc into the valve and tighten the separator disc to 10 Nm. Remove the separator disc tool. When tightened, the separator disc must be flush with the shoulder inside the valve's body.
7. Carefully insert the drive piston [18] and actuator plug [20] into the valve and tighten the actuator plug as described in datasheet 305491. Remember to tighten the set screw [2] after assembly.
8. Check that the piston is seated properly by pushing it back with a 4mm hex wrench through the 5 mm hole.



NEVER perform maintenance on pressurized components as this will discharge the system and may cause injuries.



Document: 305490 Tool IV8 Separator
Disc.doc

Product:
Tool

Id: KP

Rev: 12.11.12



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Text

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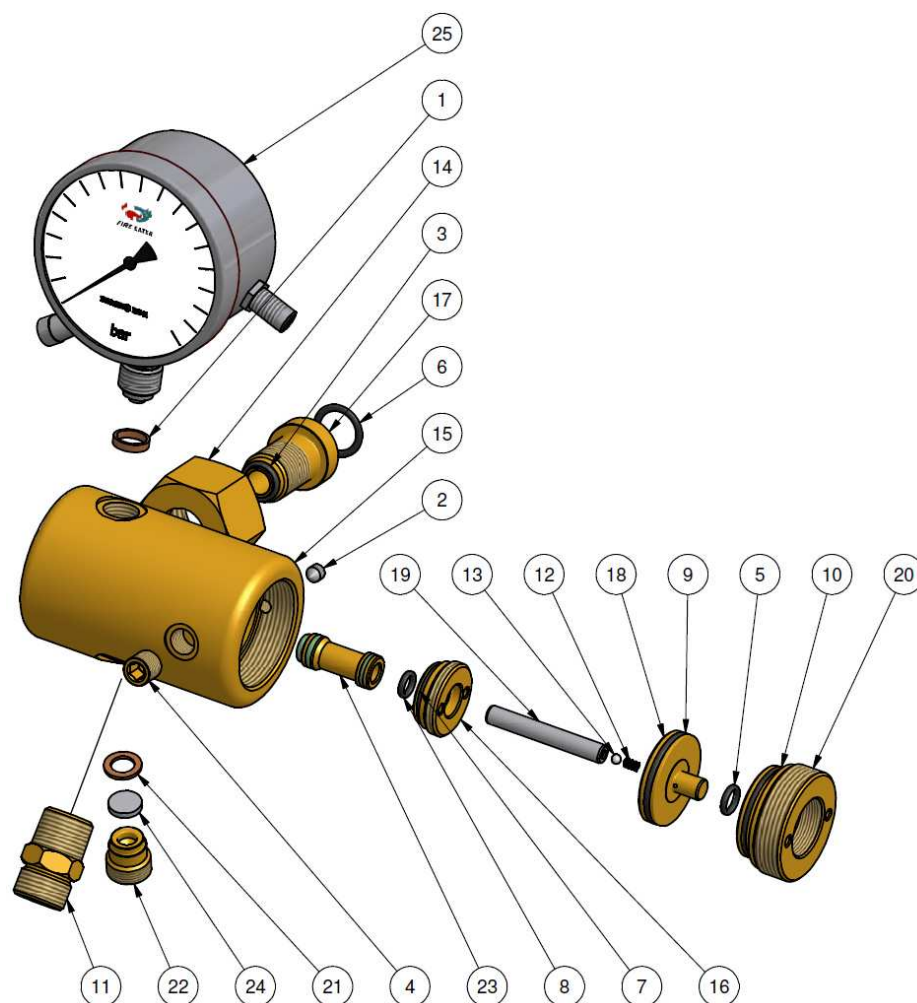
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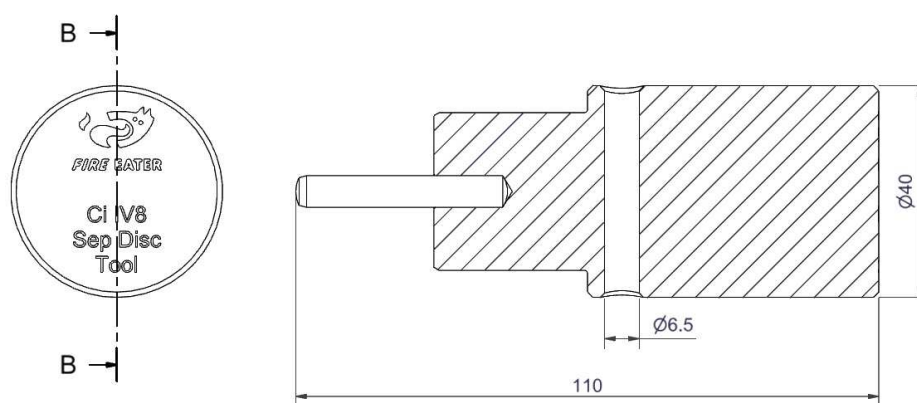
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Dimensions



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