

Replace Injection valve

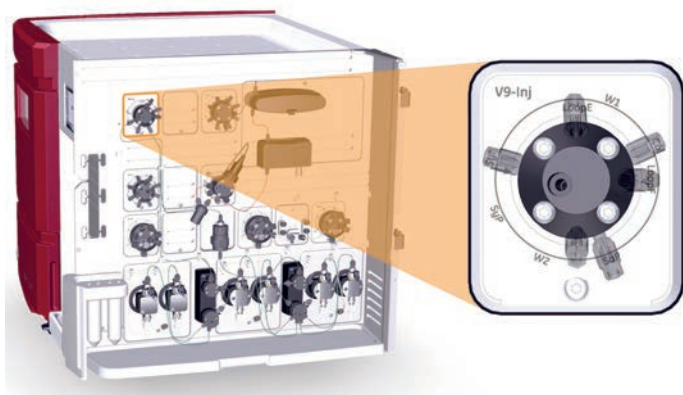
Instructions

Scope

Instructions how to replace the injection valve V9-Inj (28956514) or the injection valve V9H-Inj (28979283).

Location and illustration of Injection valve

The illustration below shows the location of the Injection valve and also an enlargement of the valve. In ÄKTA™ avant 25, the Injection valve is labelled **V9-Inj**. In ÄKTA avant 150, the Injection valve is labelled **V9H-Inj**.



Instruction

The instruction below describes how to replace a valve module in the instrument.

Note: *The illustrations show the principle how to replace a valve. The position of the valve on the instrument and the used type of valve will depend on the valve being replaced.*



WARNING

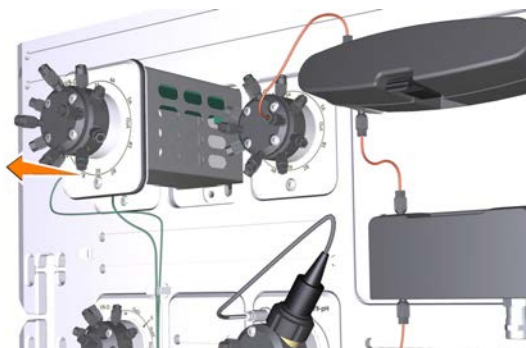
Disconnect power. Always switch off power to the instrument before replacing any component on the instrument, unless stated otherwise in the user documentation.

Step	Action
1	Disconnect power from the instrument by switching off the instrument with the Power switch located on the left hand side of the instrument.
2	Loosen the valve module with a Torx screwdriver

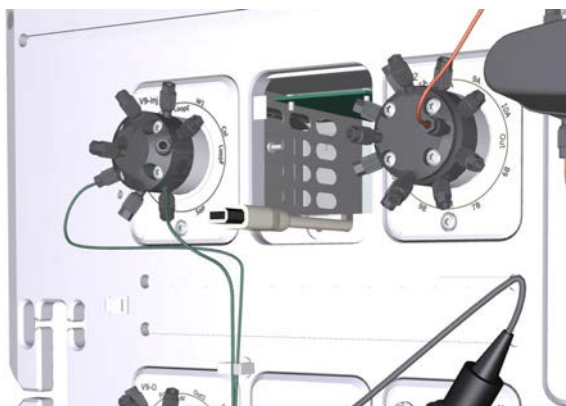


Step	Action
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- | | |
|---|--------------------------|
| 3 | Remove the valve module. |
|---|--------------------------|



- | | |
|---|---|
| 4 | Disconnect the cable and secure it in the slit. |
|---|---|



- | | |
|---|--|
| 5 | Connect the cable to the new valve module. |
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Step	Action
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- | | |
|---|--------------------------|
| 6 | Insert the valve module. |
|---|--------------------------|

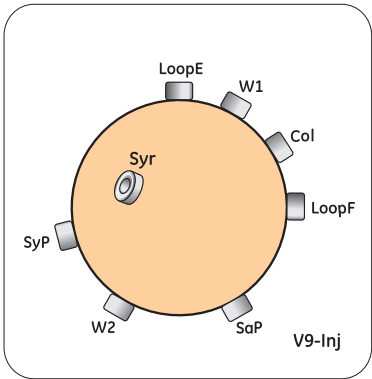


- | | |
|---|------------------------------------|
| 7 | Fasten it with a Torx screwdriver. |
|---|------------------------------------|



Connect tubing

The illustration below shows the ports of the Injection valve.



Port	Description
SaP	Inlet from Sample pump
SyP	Inlet from the System pumps via the Mixer
Syr	Syringe connection
Col	Outlet to Column valve
LoopF	Port for connection of a sample loop. Used to fill the sample loop.
LoopE	Port for connection of a sample loop. Used to empty the sample loop into the flow path.
W1	Loop and System pump waste
W2	Sample pump waste



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