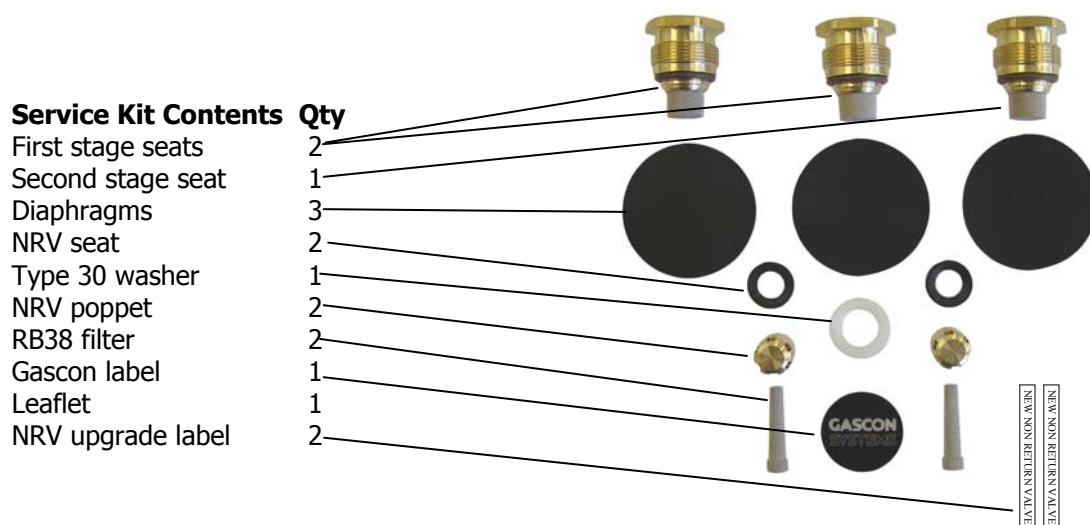


Gascon Systems Auto Manifold Service Kit

This instruction leaflet outlines some key points when using service kits on an auto change-over manifold. For more detailed servicing instructions refer to Gascon Systems Auto Manifold Servicing Instruction Booklet.



Servicing should only be carried out by suitably trained/experienced personnel.

Keep the service components and tools free from oils, greases, foreign materials, and non-approved lubricants.

To service an auto manifold it must be taken out of operation. For critical applications, (eg medical pipeline systems), ensure that a suitable sized auxiliary gas supply is connected to the pipeline.

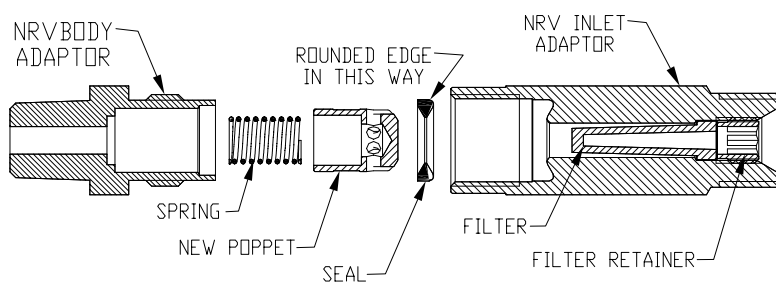
Seats stamped 5.5 or 10.7 are low pressure seats and must only be used in the second stage regulator.

It is preferred that the first stage regulator pressures are set with full, or near full cylinders. If this is not possible then an allowance must be made for the reduced inlet pressure, refer servicing instructions for more detailed information.

Non-Return Valve Assembly

Refer to the adjacent figure for assembly of inlet non-return valves

- Remove filter retainer with a 3/16" Allen key and replace filter. Re-fit filter retainer.
- Remove existing seal taking care not to scratch the mating sealing face in the inlet adaptor.
- Push the seal into inlet adaptor using the poppet to ensure it seats properly, (note correct orientation of seal).
- Locate spring into poppet and fit all items onto the body adaptor
- Tighten firmly (approx 6 Nm) the inlet adaptor and body adaptor together.



New NRV poppets

As of January 2009 a new NRV poppet design was introduced. Manifolds built prior to 2009 should be upgrade with this new design poppet. The preferred way to indicate that a manifold has been upgraded is to stamp the letter "G" on the NRV body. Alternatively, for those people who do not have a "G" stamp, affix the two labels upgrade labels supplied. The new design poppet can be identified by having six slotted groove on the outside diameter that the original design does not have.

To assist Gascon with our internal records please email, fax or call to confirm the serial numbers of the manifolds that have had the poppet upgraded.

