



KM100-1010-01 Fill Station Service Kit

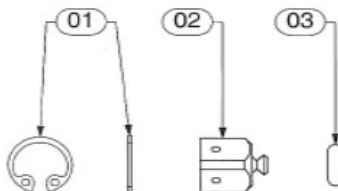
Contents:	Qty. 1 Retaining Snap Ring ①:	09007-0001-00
	Qty. 1 Check Valve Poppet ②:	0CV02-0201-00
	Qty. 2 Small EPDM O-Ring ③:	09001-3003-70
	Qty. 2 Large EPDM O-Ring ④:	09001-3904-80
	Qty. 1 Filter ⑥:	09150-0803-05

Service Kit designed for **00BLT-1020-00** Deluxe Fill Station, **00BLT-1022-xx** AN800 Bulkhead Fill Stations, and **00BLT-1024-xx** Scott Bulkhead Fill Stations.

Tools needed: small slotted screwdriver, fine point tweezers, compressed air (optimal, but not required).

Important: Take care to keep all internal parts and replacement parts as clean as possible. Ensure that no oil, grease, or other hydrocarbon material comes into contact with your O₂ parts.

- Purge pressure from the system, disconnect the cylinder line to the outlet fitting of the fill station, remove the assembly from its mounting, and remove the outlet fitting from the assembly.
- Using fine point tweezers, remove the retaining snap ring ① from inside the body under the outlet fitting. A spare snap ring is provided in the kit in case the original is lost or compromised.
- Remove the check valve poppet ② with small o-ring ③ and set aside in a bag, protected from debris contamination. The service kit contains a quick change poppet with the o-ring already installed as well as a loose spare o-ring. Either can be used depending on your needs. Hold off on the check valve portion until the next few steps are completed. This will keep the check valve poppet assembly clean while servicing the filter.
- Unscrew the cap from the inlet fitting and locate the filter screwed into the center of the fitting. With a small slotted screwdriver, unscrew the filter from the inlet fitting, hold it up to a light and inspect for debris. Blow out the filter if necessary and visually confirm clearance. The filter can also soaked in isopropyl alcohol if needed. Re-install the old filter or install the new filter provided, as required. There is a flow restricting orifice under the filter in the chamber. This should not need to be removed but can be with the same slotted screwdriver, in the very unlikely event that it becomes plugged.
- Thoroughly blow out the entire assembly, ideally with compressed air if available, to remove any metal debris from the filter installation and prevent a potential contamination of the poppet o-ring.
- Inspect the original o-ring ③ on the check valve poppet ② for damage. Replace the poppet o-ring only or, if haste is needed, replace the poppet and o-ring assembly with the quick change poppet set provided in the service kit, then clean the old poppet and o-ring later. Ensure that the o-ring is clean before installing. **Debris on the poppet o-ring may cause a high pressure leak, compromising the seal, and damaging the o-ring.**
- Install the retaining snap ring ① into the radial groove along the inner wall of the check valve chamber. The ring should move freely in the groove when installed properly.
- Inspect and replace the large o-ring on the outlet fitting as required. Re-install the outlet fitting onto the filling station and torque to 60 in.lbs. The serviced filling station is now ready for connection back into the system.



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