



## **Product Note, PN 445**

### **Repair Kits and Replacement Parts**

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AP Tech has repair kits and replacement parts available for most products. Repair kits contain all the typical replacement parts required to rebuild a given model and instructions for rebuilding. Replacement parts are discrete parts and are not provided with rebuilding instructions. Rebuild instructions are available in PDF format upon request for all models deemed field rebuildable (some models are not considered field rebuildable due to complexity or special tooling required).

Repair kits are provided with all parts individually sealed in a single bag. This is a labor intensive process compared to shipping individual parts which can be bulk package – thus the cost is higher for kits. Many kits have exactly the same parts as another with the only difference being the instructions. An example would be AP, AZ or AK 3650 and 3550 – each use the same replacement parts within the repair kit. The different part numbers per repair kit due to instructions causes most to inventory a larger number of kits than required if one purchased individual parts.

Discrete parts are recommended for customers doing any volume of rebuilding. It is lower cost to purchase the parts than kits and generally has a shorter delivery. This method also enables one to use differing number of parts without the problem of taking a single needed part from a kit. There is also less waste due to bulk packaging rather than kitting and also due to instructions (which are generally just disposed of).

To compare and contrast the two, a repair kit for an AP 3550 valve is ordered with one part number and comprised of one seat, three diaphragms and instructions. Ordering parts individually would require ordering two separate part numbers for one seat and three diaphragms with instructions requested separately.

Repair kits and replacement parts are provided as a customer service. AP Tech does not advocate field rebuilding of ultra high purity (UHP) components but understands that certain circumstances warrant such.