



INTERNATIONAL



Fluid Service

OF5HS & OF5HD - G2447 Series Manual

Removing elements from the Filter housing

Equipment required: 1 ½" box end or socket wrench, a container to hold dirty elements and fluid from the filter housing, and a small cup of grease.

Step 1

Remove filter housing cap using the 1 ½" wrench and inspect the O-ring.

Step 2

Remove element(s), compression spring and spring plate. Separate elements (if there are stacked elements) and retain the element connector. Discard the elements with synthetic or cellulose media. Clean thoroughly and dry metal re-usable elements.

Step 3

Drain the filter housing.

Installing new or cleaned elements

Step 1

Lubricate grommets located at each end of the replacement element(s). NOTE: DO NOT USE ANY PETROLEUM BASED FLUIDS / LUBRICANTS DURING ASSEMBLY.

Step 2

If required, install connectors between elements. Then install spring plate and compression spring.

Step 3

Install element(s) into the filter housing, making sure elements are positioned correctly on the bushing in the porting head.

Step 4

Secure filter cap to filter housing using the 1 ½" wrench.

NOTE: Filter elements require changeout when the Dirt Alarm is registering in the red area.

Precautionary Measures

- Never start up or run a dry pump. This will cause galling, seizing or destructive wear between the rotors, end plates and casting.
- The Kidney Loop System is designed for the transfer and filtering of hydraulic and lubrication oils only. It is not to be used for highly volatile fluids such as gasoline or paint thinners. Please contact factory for uses other than those specified.
- Since minimum repair service is generally required on these units, it is recommended that any failed parts be replaced with new parts. See the following parts lists.
- Electric motor warnings for the 1 ½ HP models are as follows:
 - 1 ½ HP electric motor draws 4.6/2.5 amps at 230/460 volts, 60 Hz at full load. A proper circuit breaker should be installed to protect the motor and meet national and local electric codes. Recommended size for an extension cable is 14-4 conductor with a maximum length of 25 feet.

Replacement Elements

Model Code	Part Number
5.03.09D03BN/-EPR SO103H	02066705
5.03.09D05BN/-EPR SO103H	02094396
5.03.09D10BN/-EPR SO103H	02089672
5.03.18D03BN/-EPR SO103H	02088130
5.03.18D05BN/-EPR SO103H	Contact Factory
5.03.18D10BN/-EPR SO103H	02056369

Replacement Parts

Item	Component	14 gallon part number
1	Electric Motor	LF-7136
2	Vane Pump Cartridge	LF-6478B
3	Bypass Valve	A-LF-2427-30
4	Dirt Indicator	D5B-30

OF5HD systems offer dual filters which can be used for both particulate and water contaminant removal