



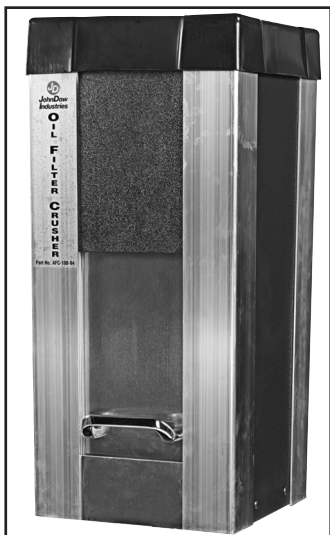
# Oil Filter Crushers

Models No.

AFC-100-94

HDC-150-94

Manual



**AFC-100-94**



**HDC-150-94**

# Assembly Instructions

## Checklist Of Components

Your filter crusher was shipped with the following components. Please be sure you receive them as listed below. Contact us if anything is missing.

Item No.	Description	Qty.
1	Top Cover Guard	1
2	1" x 4" Drain Fitting	1
3	1" x 1ft. Drain Hose	1

*In addition, any air filter/regulator/lubricator is required in order for the unit to operate properly. Item no. FRL-1 is available from JohnDow.*

### **IMPORTANT!**

**Good air quality is important for optimum performance and life of the air/hydraulic pump. An inline air filter and lubricator is required and must be maintained. Failure to do so may result in damage to the unit and is not covered in the warranty.**

## **Step 1. REMOVE THE SHIPPING PLUG AND INSTALL THE BREATHER CAP BEFORE OPERATION.**

*The shipping plug must be replaced with the breather cap before operating the crusher. Failure to do so may result in damage.*

The shipping plug is located on the top of the hydraulic fluid reservoir inside the top of the aluminum cabinet.

1. Remove the cabinet top.
2. The shipping plug is located to the right rear of the cabinet. Remove the shipping plug by turning it counterclockwise.
3. Install the breather cap turning it clockwise until finger tight.
4. Replace the cabinet top.

## **Step 2. Mounting Options**

### **Floor Stand**

1. Remove the floor stand from the shipping carton. No assembly is required.
2. Position the crusher on the stand lining up the four holes and secure with the nuts and bolts provided.

### **Wall Bracket**

1. Install wall bolts (not included).
2. Mount bracket to the wall.
3. Position the crusher on the wall bracket lining up the four holes and secure with the nuts and bolts provided.

## **Step 3. Install drain fitting hose and catch container**

1. Thread the 1" x 4" drain fitting into the drain coupling on the underside of the unit.
2. Push the 1" I.D. drain hose onto the fitting.
3. Position a catch container under the unit (not included). A 5-gallon bucket is recommended.

## **Step 4. Install the filter/regulator/lubricator and connect air supply**

1. Fill the lubricator bowl with SAE30 oil prior to installing the assembly on the crusher.
2. Install the filter/regulator/lubricator assembly into the air inlet on the side of the crusher.
3. Open the door to the crushing chamber prior to connecting the air supply.
4. Connect the air supply. It is recommended that the air regulator is to be set at 85 psi but not to exceed 100 psi.

## **Step 5. Operation**

1. Place one filter in the crushing chamber with the open end of the filter facing downward within the area surrounded by the six centering posts.
2. Close the door to activate the crushing cycle. When the unit stops running or runs noticeable slower, the crushing cycle is complete. (Note - the crusher will not operate with the door open.)
3. Raise the door and carefully remove the crushed filter.

# **WARNING**

**This filter crusher is designed to crush one filter at a time.  
Any attempt to crush more than one filter may  
result in damage and is not covered in the warranty.**

# **WARNING**

**Do not operate the crusher without a filter in the crushing camber.**

## **PREVENTATIVE MAINTENANCE**

1. Keep the in-line air lubricator filled with oil. (SAE 30 motor oil is recommended.)
2. Check the level of hydraulic fluid in the reservoir every 90 days. The fluid level should be within 1/2" of the top. Use only high grade hydraulic fluid.
3. Periodically check the hydraulic line connections for tightness.
4. Periodically check the pressing plate for tightness.
5. Inspect the drain holes at the bottom of the crushing chamber and remove any debris or restrictions.