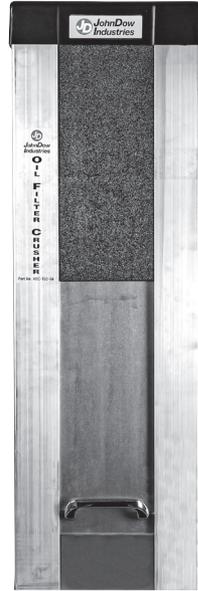




AFC-100-94



HDC-150-94

OIL FILTER CRUSHER USER'S MANUAL

Part No. AFC-100-94 & Part No. HDC-150-94

FOR WARRANTY INFORMATION, PLEASE CALL 800-433-0708

MODEL NO: _____

DATE OF PURCHASE: _____

READ AND SAVE THIS MANUAL

FOR SERVICE ASSISTANCE, CALL 800-433-0708 OR VISIT JOHNDOW.COM



Important Safety Information

Read this manual and safety information before using this product.



WARNING

Indicates a hazardous situation that, if not avoided, could result in death or serious injury.

- 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.
- Do not operate the crusher without a filter in the crushing chamber.
- 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.

GETTING STARTED

This crusher comes fully assembled and ready for use. If you notice any parts are missing or damaged per the contents list below, please contact us.

CONTENTS

Item No.	Description
1	Top Cover Guard

Item No.	Description
2	1" x 4" Drain Fitting

Item No.	Description
3	1" x 4" Drain Hose

ASSEMBLY INSTRUCTIONS

Remove the Shipping Plug and Install the Breather Cap before Operation

1. Remove the top cover guard [1].
2. This shipping plug is located to the right rear of the cabinet. Remove the shipping plug by turning counter-clockwise.
3. Install breather cap turning clockwise until finger tight.
4. Replace the cabinet top.

Mounting Option - Floor Stand

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

Mounting Option - 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.

Install Drain Fitting Hose and Catch Container

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

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. Set the air regulator to 85 psi but do not exceed 100 psi.

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 noticeably 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.

TROUBLESHOOTING

Item No.	Description	Solution
Poor filter crusher performance	Hydraulic fluid may be low or high	Fill with hydraulic fluid to the ridge of white reservoir. Recommend FlameOut 220
When I put the door down a little or make to the top of the filter but does not crush; Pump is just blowing air	<ol style="list-style-type: none"> 1. Improper air connection 2. Lack of lubrication 3. Water in line causing piston freeze 	<ol style="list-style-type: none"> 1. Make sure air is properly connected to the unit. 2. The unit may need more lubricating fluid. Disconnect the air line from connection on the top of the pump and fill with additional lubricating fluid. Reattach the air line to pump and run a few cycles on the unit by closing and opening the door several times (2 Lines go into the pump, 1 goes to block - return line, DO NOT remove. 2 line goes to reservoir - take off and add hydraulic fluid.) 3. Fix with water catcher on line and FRL.
Ram will go down a little or make to the top of the filter but does not crush; Pump is just blowing air.	Potentially a blown seal in the pump	Options: <ol style="list-style-type: none"> 1. Buy pump repair kit #300838 2. Buy pump #PA6R-MIL 3. Take filter crusher to hydraulic service
When I open the door, the piston will not go back up	The piston may be jammed	<ol style="list-style-type: none"> 1. Only one filter can be crushed at a time. The filter must align in the middle, surrounded by the six centering posts. 2. If the brass collar falls out of the ram, use a crowbar to pry up the ram. Air MUST be hooked up when doing this. Ram will free up - stop it about halfway and rescrew the collar to assure it won't fallout again.
Ram won't go up	Ram may be bent from filter positioned off -center / attempted to crush more than one filter at a time	Hook up air to pump when the door is open.
Ram pushes up but falls down	Return Spring is broken	Replace.
Ram won't go back up unless hydraulic fluid is released	Ram may be bent	With air supply OFF/removed from crusher, open black box on pump and manually push down plunger to release the hydraulic fluid.

