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# 76000 OIL FILTER CRUSHER

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**CONVERTS OIL FILTERS INTO SCRAP, AND OIL  
INTO A RECYCLABLE PRODUCT IN SECONDS.**



- ★ Best Value
- ★ Fast Cycle Time
- ★ Operates With Shop Air
- ★ One Year Limited Warranty
- ★ Safe, Simple Operation
- ★ Removes up to 95% of Free Flowing Oil

Patent 5,297,479

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# FEATURES:

**CYCLE TIME:** 25 to 30 seconds, depending on air pressure used and filter size.

**FILTER RANGE:** Up to 5" diameter and up to 7 3/4" in height.

## CRUSHING PRESSURE:

Input Air Pressure	Crushing Pressure
* 150 psi	16,950 lbs.
140 psi	15,820 lbs.
130 psi	14,690 lbs.
120 psi	13,560 lbs.
110 psi	12,430 lbs.
100 psi	11,300 lbs.
90 psi	10,170 lbs.

\*WARNING: Do Not exceed 150 psi input air pressure.



**BEFORE AND AFTER**

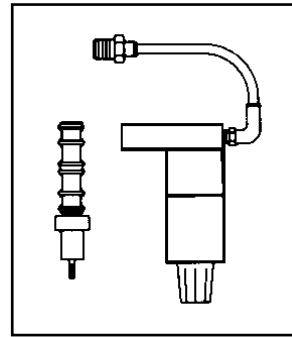
## ACCESSORY: AUTOMATIC VALVE RETROFIT KIT,

Part #76520. With this kit you can convert from manual to automatic operation. Allows operator to push start button and crush filter without holding the button down. (See Figure A).

**SAFETY:** Operates only when door is shut on containment area.

**DIMENSIONS:** 25" long, 14" wide and 14" deep.

**SHIPPING WEIGHT:** 64 lbs., will ship by UPS.



**Figure A**

## MANUFACTURER'S LIMITED WARRANTY:

**What is covered:** This warranty covers any defects in material or workmanship of your Filter Crusher.

**How Long Coverage Lasts:** This Warranty, runs for one year from the date of original purchase by the purchaser, provided the Filter Crusher is still owned by the first purchaser. Further, all implied warranties are limited to the duration of this limited warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

**What is Not Covered:** This warranty does not cover damage to the Filter Crusher caused by the use of excessive air pressure (over 150 psi) or by impurities from the air line. Further, this warranty does not cover any problem that is caused by abuse, misuse, neglect, improper operation or act of God (such as a flood). The manufacturer consequential damages, so the above limitation or exclusion may not apply to you.

**What the Manufacturer Will Do:** The manufacturer will repair or replace, free of charge, any part of your Filter Crusher that proves to be defective in materials or workmanship.

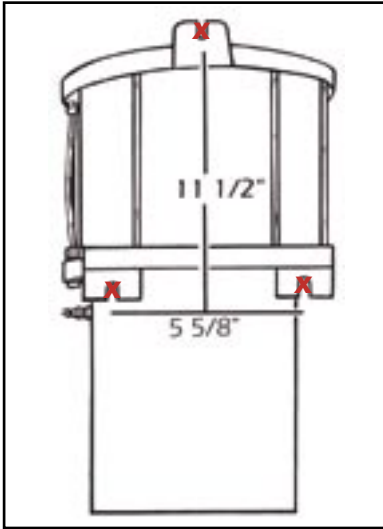
**How to Get Service:** If something goes wrong with your Filter Crusher, send it UPS Prepaid along with a receipt or other proof of purchase date and a brief description of the problem to: Filter Crusher Warranty, 807 E. Main St., Clarinda, IA 51632, Phone 712/542-5101

**How State Law Relates to this Warranty:** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

## MAINTENANCE:

- Periodic maintenance of filter, regulator and lubricator on your air supply will prolong the life of your filter crusher.
- Periodically check for leakage. If leakage occurs, locate source of leak. Order 76310 Cyclinder Seal Replacement Set to repair any cylinder leak. Order 76300 Valve Repair Kit, if only valve seals need replacing.
- Periodically clean enclosure area of debris. First, disconnect air supply and remove air fitting. Next remove two exhaust silencers and the six 3/8" hex head screws that attach to casting. Now enclosure can be cleaned of debris.

# INSTRUCTIONS:



**BACK VIEW**

## Mounting Instructions:

Mount Filter Crusher with three 3/8" diameter bolts, see (X). See mounting diagram above for dimensions. Make sure the unit is securely mounted to a sturdy location.



**Figure 1**

**1.** Attach air line to 1/4" NPT air inlet. Warning: Do not exceed 150 psi maximum air pressure. It is recommended that a filter, regulator, and lubricator be attached to your air supply. A hose fitting is provided if you want to run the waste oil to an oil drum or other receptacle. (See Figure 1).



**Figure 2**

**2.** Open the door to place filter over center post. Insert filter, close door and now you are ready to crush the filter. (See Figure 2).

**Note:** Filter cannot be crushed until door is shut. Also, door will not open until ram has returned to original position.



**Figure 3**

**3.** Press button to crush filter. When ram movement stops, crushing is complete and button can be released.

**Note:** Button must be pushed in during entire crushing cycle. If button is released the ram will return to bottom position. (See figures 3 and 4). Order 76520 Automatic Valve Retrofit Kit for automatic crushing operation. Installation of timer allows filter crushing without holding button down. See page 2 for accessory information.



**Figure 4**



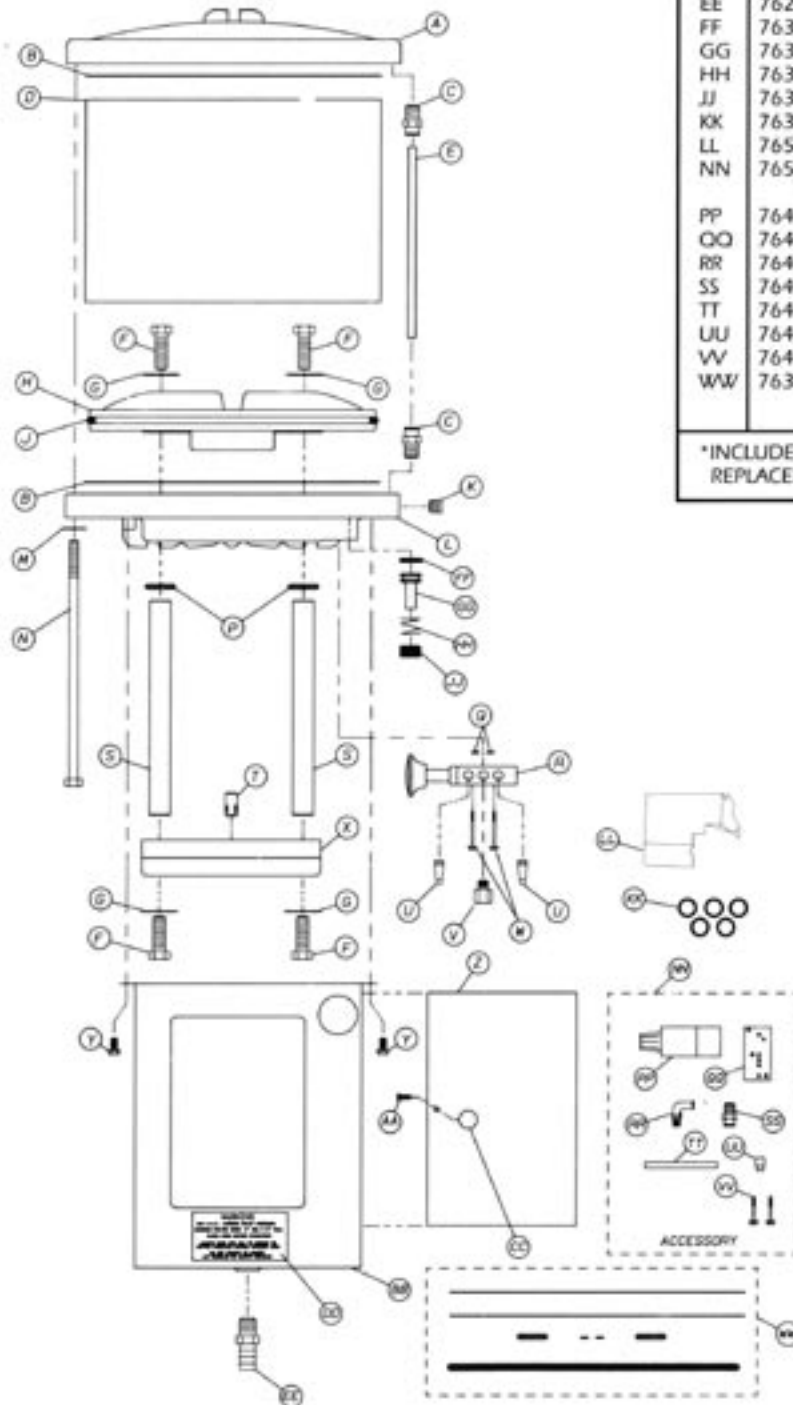
**Figure 5**

**4.** After cycle is completed door can be opened and filter removed. Make sure filter gasket and any debris are removed with crushed filter.

# PARTS LIST:

ITEM PART#	DESCRIPTION	ITEM PART#	DESCRIPTION	ITEM PART#	DESCRIPTION
A	76220	DOMES	K	860291	PIPE PLUG
B	76110	* GASKET (2)	L	76230	BASE
C	76140	FITTING (2)	M	76270	WASHER (6)
D	76170	TUBE	N	76040	CAP SCREW (6)
E	76150	AIR LINE	P	76090	* O-RING (2)
F	76030	CAP SCREW (4)	Q	76080	* O-RING (2)
G	76020	WASHER (4)	R	76070	VALVE
H	76200	PISTON	S	76250	SHAFT (2)
J	76100	* O-RING	T	76280	GROOVE PIN
U	76060	SILENCER (2)			
V	76050	FITTING			
W	76240	SCREW (2)			
X	76210	RAM			
Y	76010	SCREW (6)			
Z	76160	DOOR			
AA	76130	SCREW			
BB	76180	ENCLOSURE			
CC	76120	KNOB			
DD	76190	LABEL			
EE	76260	FITTING			
FF	76360	O-RING			
GG	76340	* PLUNGER			
HH	76370	SPRING			
JJ	76350	RETAINER			
KK	76300	VALVE REPAIR KIT			
LL	76530	DEFLECTOR			
NN	76520	AUTO VALVE RETROFIT KIT			
PP	76410	TIMER			
QQ	76420	SUB BASE			
RR	76430	10-32 FITTING			
SS	76440	1/8 FITTING			
TT	76450	AIR LINE			
UU	76460	FILTER			
VV	76470	SCREWS (2)			
WW	76310	CYLINDER SEAL REPLACEMENT SET			

\*INCLUDED IN CYLINDER SEAL REPLACEMENT SET



**WARNING:** Wear eye protection when in operation.

Oil filter crusher is designed for crushing oil filters only. Not liable for improper use.

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