

CHIP

Coolant Filter Systems

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Installation Instructions: Haas VF Series CNC Mills

- 1) Roll out coolant tank (sideways) to the side of the machine.

Note: Newer style machines have a narrow (6-3/4" wide) lower side cover that does not interfere with the tank being rolled out sideways, and will allow easy filter changes. With this style, Proceed directly to step 2 (fig. 4).

If your machine does not allow you to do this, you can simply remove this cover (fig. 1 & 2), or cut it down to 6-3/4" similar to the new style (fig. 3). If you do remove the cover, reinstall the screws to prevent leaks in your chip enclosure. Note: Removing, or modifying this cover on older machines will allow you to change Chip-Trap filters without rolling out the tank in the future.)

- 2) Remove factory chip tray and place in storage. Verify tank opening size of approx. 14-3/4" x 19-3/4". Now is a good time to clean out the chips that are in the tank. This will allow the mounting stand to rest squarely on the tank bottom.

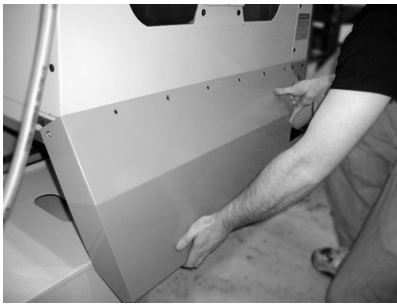


Fig. 1



Fig. 2



Fig. 3

- 3) Assemble the mounting stand as shown. The slots interlock and allow for height adjustment. Start by making the stand as tall as possible. You can lower it later if more clearance is needed. (fig 4)

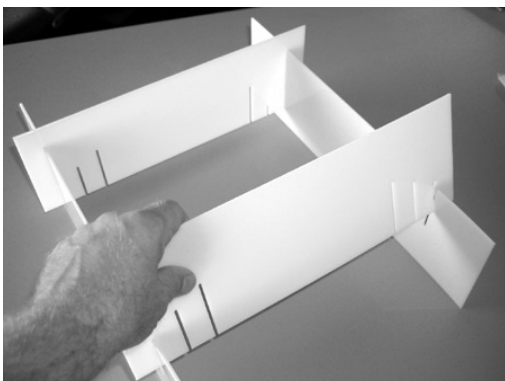


Fig. 4



Fig. 5

- 4) Install the Chip-Trap mounting stand. Note that the slots on the smaller sections point downward. (fig 5)
- 5) Roll coolant tank back under machine, but do not place Chip-Trap tray in yet.
- 6) Place the filter into the Chip-Trap tray. Two filters can be used for extra filtering of fine shavings.



Fig. 7

- 7) Next, reach under the machine and install Chip-Trap unit into the coolant tank so that it rests on the mounting stand. Install it from the rear (left), tipping it into the tank and sliding it forward (right) until it passes under the coolant discharge spigot, and then drops onto the stand (fig. 7). If the tray doesn't rest squarely on the stand, you will need to adjust the stand lower. It should only be tipped for installation and removal.

- 8) Now, position both tank and Chip-Trap to allow the coolant to dump into the center of the Chip-Trap unit.

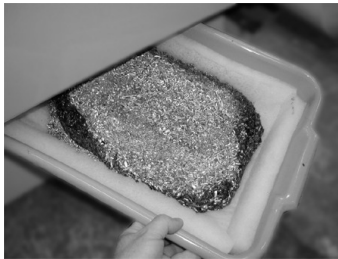


Fig. 8

- 9) To change filters, simply reach under the machine and remove the Chip-Trap unit by lifting the left (rear) edge and sliding to clear the coolant discharge spigot (fig. 8). Dump the filter out with the chips. Replace the filter with a new one and reinstall unit under the machine again. Be sure to center the tray directly under the coolant discharge area of the machine.

Note: Excessively clogged filters will cause coolant to overflow into the floor. We recommend changing filters weekly. For complete protection, see our website (chiptrap.com) for the "Filter-Alert" filter monitor.