



Oil Skimmer — Tubing - Replacement

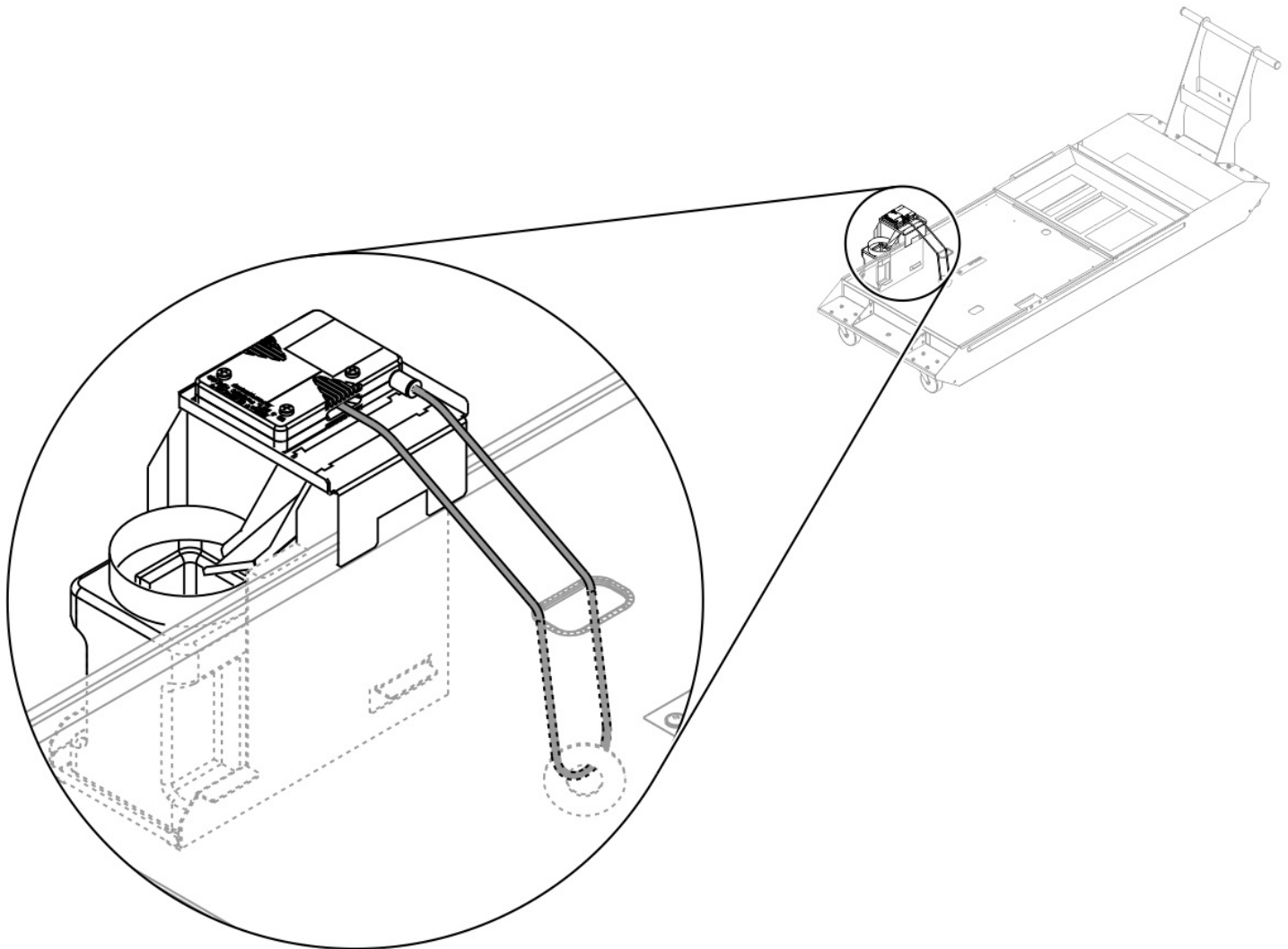
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Oil Skimmer - Tubing - Replacement - Introduction

This procedure tells you how to replace the pickup tubing in an Oil Skimmer. Refer to [Oil Skimmer](#) for instructions on how to install an Oil Skimmer.




 **Caution:** When you do maintenance or repair on CNC machines and their components, you must always follow basic safety precautions. This decreases the risk of injury and mechanical damage.

Do these steps before you do work in the machine or in the control cabinet:

- Set the main circuit breaker to the **[OFF]** position.
- Use an approved lock with an approved safety tag. Always follow lock-out procedures in accordance to local government rules.
- After turning off the machine, wait at least 5 minutes before working in the control cabinet, to allow power to dissipate. Wait for the voltage indicator LED on the vector drive to go off completely.
- Always turn off the main air supply when you work on any part of the pneumatic system.
- Make sure to rest the spindle head on a block of wood when work is done on a vertical axis. This will prevent any unintended movement that could result in the axis falling.
- Never alter any safety circuits on the machine.

You should not do machine repair or service procedures unless you are qualified and knowledgeable about the processes. Serious damage to the machine components can result in costly repairs. The service technicians at your Haas Factory Outlet (HFO) have the training and experience, and are certified to do these tasks safely and correctly. The repair and service work performed by your HFO is protected with a limited warranty.

 **Danger:** Some service procedures can be dangerous or life-threatening. DO NOT attempt a procedure that you do not fully understand. If you have any doubts about doing a procedure contact your Haas Factory Outlet (HFO) and schedule a service visit.

Parts Included

KIT PN: 93-2352, OIL SKIMMER TUBING SERVICE KIT. QTY: 1



[H] 59-1557 QTY: 1
OIL SKIMMER TUBING LOOP

Oil Skimmer - Tubing - Replacement

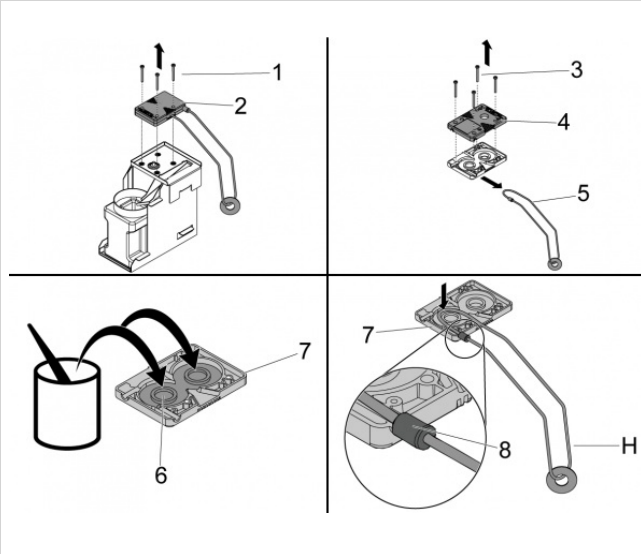
STEP 1

Push the toggle switch to turn the Oil Skimmer off.

Disconnect the Oil Skimmer power cable.

Remove the Oil Skimmer from the coolant tank.

STEP 2



Remove the (3) screws [1] and the cartridge [2] from the oil-skimmer assembly.

Turn the cartridge to the other side. Remove the (4) screws [3] and the bottom cover [4] of the cartridge.

Remove the tubing [5] for the Oil Skimmer.

Add grease [6] to the top cover [7] of the cartridge.

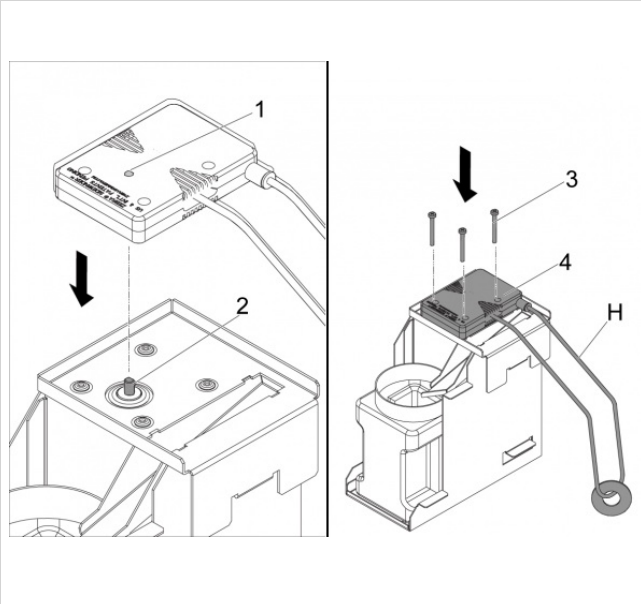
Put the TUBING [H] on the top cover as shown.



Note: Make sure the ceramic scraper [8] is installed in the correct position on the top cover.

Install the bottom cover [4]. Use the (4) screws [3].

STEP 3



Align the motor shaft [2] to the drive-wheel hole [1]. The hole is on the bottom cover of the cartridge.

Attach the cartridge [4] to the Oil Skimmer. Use the (3) screws [3].

Install the Oil Skimmer.

Put the long tab on the Oil Skimmer into the slot on the cover for the coolant tank.

Connect the power cable for the Oil Skimmer.

Push the toggle switch to turn the Oil Skimmer on.

Make sure the TUBING [H] moves freely.

The Oil Skimmer operates correctly when the oil is scraped off of the tubing [H] and drips into the container.