

# WATER PRESSURE



**M**echanics, let's say it's washing time again for your Chinook. You want to get it as clean as possible so you turn up the water pressure a notch. Don't!

When washing the FWD and AFT combining transmission oil cooler on or off the bird, high pressure water can bend the cooler fins. Bent oil cooler fins mean air can't properly flow through the oil cooler when your aircraft is up and running.

That can cause elevated oil cooler temperatures and cause the OIL HOT light to illuminate on the caution advisory panel. Then your bird's transmission will run hotter than normal.

Low pressure water or a nozzle that has a rinse or spray flow is best, depending on what type of washer your unit uses. You can find washing instructions in TM 55-1520-240-23-1 and TM 1-1500-344-34.

Take the pressure off and wash the transmission oil cooler carefully so bent fins don't become a problem and high oil temps don't ground your bird.

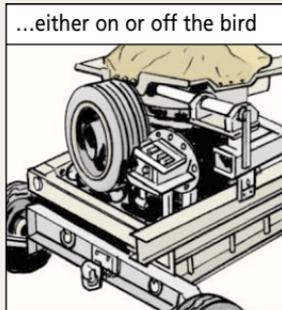
Course, always follow the TM and never use high pressure water when washing any portion of the bird because it can penetrate seals and connectors causing damage to components and systems.



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39



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