

Keep That Oil Cooler Cool

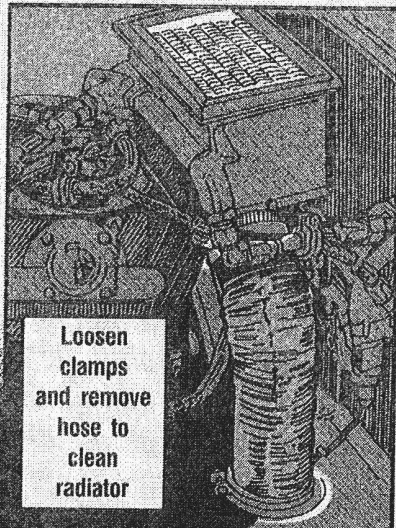
TELL YOU WHAT... I NEED TO TAKE THE HOSE OFF THE OIL COOLER ANYWAY TO CLEAN THE RADIATOR...

The engine oil cooler radiator collects trash and gunk. That can cause overheating.

If the oil gets too hot, it loses its lubrication ability. That causes early engine wear.

When you do your 50-hour inspection, check and clean both the engine and transmission radiators. Here's a way to clean them:

Loosen the clamp and take the oil cooler hoses off the radiators.



Blow dust and trash out of the radiator core with dry, low-pressure air—no more than 30 PSI.

Reconnect the duct hoses.

When giving your bird a bath, make sure no water or cleaning solvent gets into the radiator cores. Put a homemade waterproof cover over the coolers to keep the wet out. Otherwise, liquid can run down into the fabric air ducts and rot them.



Flange Furnishes Fast Fix

... SO MEANWHILE, I CAN GET SUPPORT TO MAKE A NEW ADAPTER FLANGE!

Vibration can chew up a Kiowa's oil cooler duct hose where it goes through the deck.

That means a time-gobbling repair job for you maintenance types.

Here's a way to save some time—and money—next time that hose goes. It was suggested by J.L. Story of Ft. Rucker.

- Get your support folks to make an adapter flange of .032-in stainless steel, NSN 9515-00-231-8618, to fit into the 3-in hole in the deck.

- Strip paint from a 3-in wide area around the hole in the deck with solvent. Clean the area thoroughly with MEK, NSN 6810-00-281-2785.

- Insert the adapter flange and bond it to the deck with sealing compound. NSN 8030-00-723-2746 gets a pint that's good for 2 flange fixes.

- Attach a 12-in length of duct hose, NSN 4720-00-134-4347, to the oil cooler and upper part of the flange with clamps, NSN 4730-00-278-9138. Clamp 5 feet of hose to the lower flange and transmission assembly duct.

Now when your chopper's vibes do a number on the duct hose—usually the upper part—you can do a quick change of just the damaged section instead of a big fix.

