

# Straight Fins Are Cool

YEAH,  
BABY!

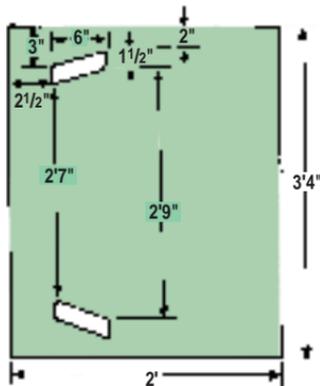


**R**aise the hood on any 10 HMMWVs and you'll find bent radiator and oil cooler fins on at least 7 of them. Why? Because the fins get bent by feet, tools and other heavy stuff during PMCS and repair work.

OK, so the fins get bent. So what? So, when enough of them are bent, the flow of air through the cooler and radiator is restricted. That leads to engine and transmission overheating.

What can be done about it? Plenty. Make and use a fin protector for all those times you've got to get up close and personal with the engine area. Here's how:

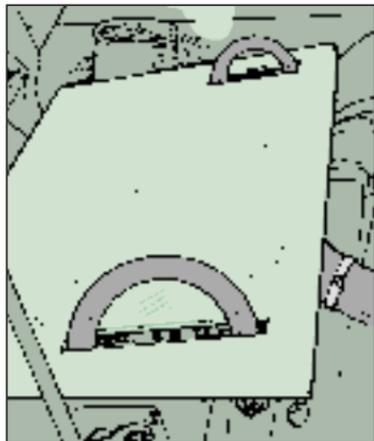
Cut a piece of  $\frac{3}{4}$ -in plywood like so:



*Measurements are approximate*

The measurements are approximate, so you may need to adjust them a little for your HMMWV. Round off the edges and paint the board to avoid splinters.

To use the board, remove both HMMWV eye-hook seals and slip it over the two lifting rings. Lay it flat on the oil cooler frame.



After you've finished your PMCS or repair work, remove the protector, replace the eye hook seals and check the cooler and radiator for bent fins. Line 'em up with the fin straightening tool, NSN 5120-00-157-2180, in the Common shop sets.