

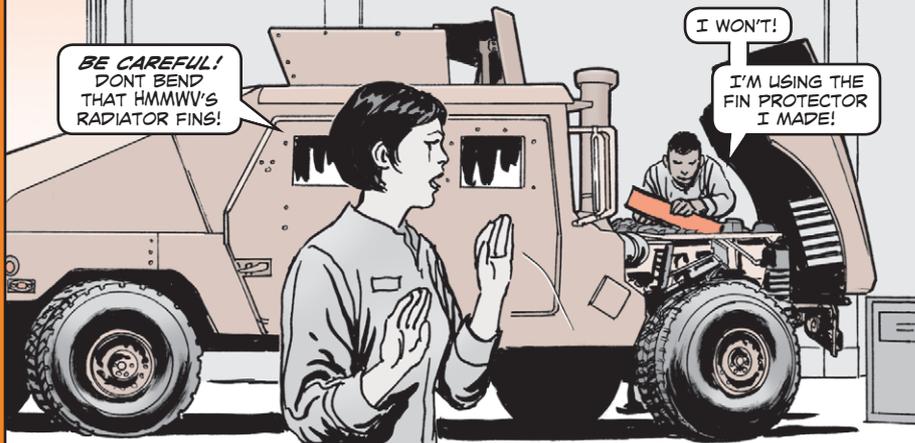
HMMWV...

# Fins Don't Bend When Protection's In

BE CAREFUL!  
DON'T BEND  
THAT HMMWV'S  
RADIATOR FINS!

I WON'T!

I'M USING THE  
FIN PROTECTOR  
I MADE!



Want to reduce overheating your HMMWV's engine and transmission? You can if you have straight fins on your HMMWV's radiator and oil cooler!

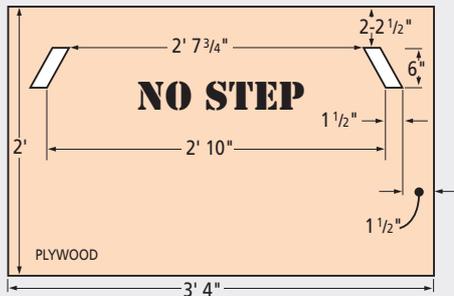
Without protection, the fins can bend during PMCS and repair work. And when enough of the fins bend, the reduced air flow through the radiator and cooler leads to engine and transmission overheating.

How can you keep the fins on your HMMWV straight? Make your own fin shield.

## Making the Fin Shield



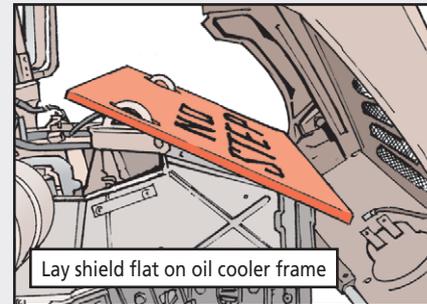
DO IT BY CUTTING  
3/4 INCH  
PLYWOOD  
USING THESE  
APPROXIMATE  
DIMENSIONS...



Adjust the dimensions as necessary to fit your HMMWV. Also, round off the edges and paint the board to prevent splinters. And be sure to stencil NO STEP on the board.

## Using the Fin Shield

To use the fin shield, remove the eye-hook seals and slip it over the two lifting rings. Then lay it flat on the oil cooler frame. The rings prevent the shield from sliding onto the raised hood.

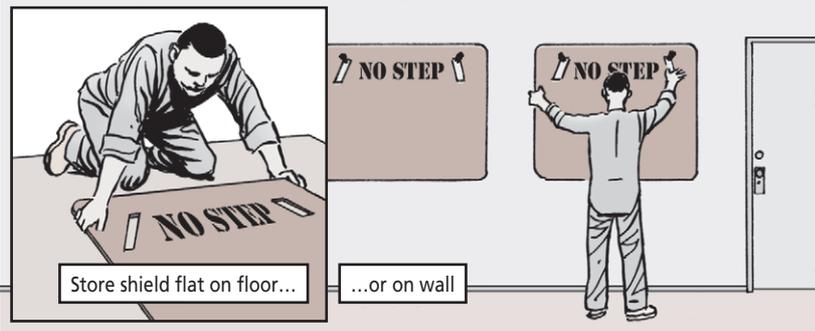


**Don't** run the engine with the shield in place! It'll block air flow and lead to engine overheating—the very thing your shield is designed to help prevent!

After using your fin shield, replace the eye-hook seals. And even though the board should protect the fins against bending, check for bent fins anyway. Then use the fin-straightening tool, NSN 5120-00-157-2180, as needed.

## Storing the Fin Shield

Take care of the fin shield by storing it flat. That keeps it from warping. Lay it on the floor away from traffic areas, or hang it on the wall against a flat surface.



## HMMWV Winch Kit

The 9,000-lb winch is no longer available for the M998/A1 HMMWV. Instead, use NSN 2590-01-456-7879 to get a 10,500-lb winch kit that replaces the old one. Make a note until this NSN is added to the TMs. Installation instructions come with the kit.

## HMMWV Spare Tire Carrier

Use NSN 2590-01-525-1995 to get a spare tire carrier for ONLY these HMMWV vehicles with an airlift rear bumper: M1113 expanded capacity HMMWVs (not carrying a shelter), M1114 up-armored armament carriers, M1025A2 armament carriers, and M1097, M1097A1 and M1097A2 heavy variant cargo/troop carriers.