

# HEAT IS HARD ON TRACK



It's a fact of life: The hotter it gets, the harder it is on your Bradley and MLRS T157I track.

When operating on improved road surfaces at increased convoy speeds (faster than 25 mph) and when temperatures are at or above 100°F, track bushings tend to soften. That allows the bushing pin to move around and extend out of the bushing bore. Protruding pins make your vehicle NMC.

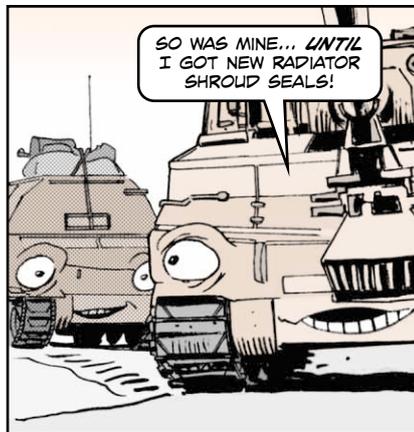


A new section entitled "Operating Vehicle in Extreme Heat" will soon be added to the operator's TMs. Until the TMs are updated, Maintenance Advisory Message 05-003 provides the following guidance when operating on paved roads at convoy speeds faster than 25 mph or when temperatures have reached or exceeded 100°F:

*Crewmen should check for track pin movement and inspect track tension hourly, or as soon as the tactical situation permits.*

*If you find protruding pins, you can—as a BDAR fix only—hammer the pins back into place and continue operating until the vehicle reaches a safe location for repair. However, you must mark the bad bushing so that it is easily identified when repairs are possible. The best way to do this is by scribing a mark on the metal surface of the affected shoe with a screwdriver.*

# KEEP THE COOL AIR FLOWING



**M**echanics, if you've been getting complaints of a hot-running engine in an M109-series howitzer or M992-series ammo carrier, make the radiator shroud seals one of your first checks.

Those seals form an air barrier between the radiator and fan tower. That barrier increases air flow across the radiator to keep the engine cool. If seals are missing, torn, squashed or mangled, air escapes around the sides of the radiator. Engine temperature goes up.

Have your mechanic check out the shroud seals next time the pack's out. If the seals are missing or damaged, he'll order new ones.

NSN 5330-00-102-9927 gets a seal for the right or left side. NSN 5330-01-314-1439 gets a top or bottom seal for the M109A6 and the M992A2. A top or bottom seal for the M109A2-A5 comes with NSN 5330-00-899-5220.

