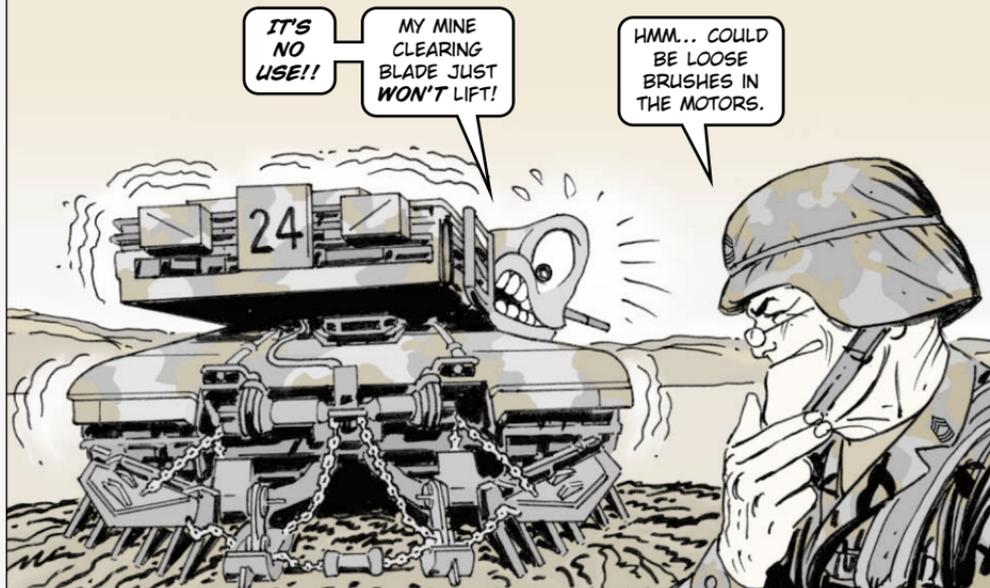


# BRUSH UP ON MINE BLADE REPAIRS



The mine clearing blade on an M1-series tank won't be clearing much of anything if the lifting mechanism, NSN 2590-01-277-0060, isn't working, mechanics.

But before your unit pays more than \$7,000 for a new lifting mechanism, consider this: Every part is replaceable. You'll find them listed in Fig C-3 of TM 9-2590-509-23&P.

The number-one lifting mechanism problem is loose electrical brushes in the motors. That's especially true if the operator does a lot of "combat drops" or changes the motors' direction without first letting the mine blade come to a complete stop. Reinstalling the brushes usually fixes the problem.

If not, the brushes may be burned out. Install new brushes, NSN 5977-01-412-0758. You'll need four brushes for each motor.

If one of the motors, NSN 6105-01-277-0295, still won't work, you may need to replace it. At around \$3,500, that's still a lot cheaper than ordering a new lifting mechanism.

