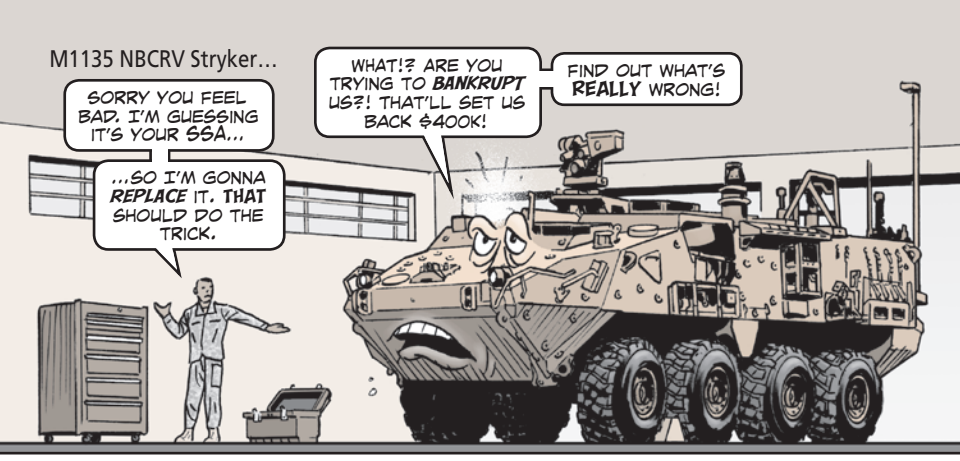

Troubleshoot *Before* Replacing SSA

Some M1135 NBCRV Stryker maintenance folks are costing their units a lot of money by guessing instead of troubleshooting.

They do a quick fix by replacing the sensor scanner assembly (SSA), NSN 6665-01-537-2509, instead of doing the necessary troubleshooting to find the real problem. The SSA costs $442,559, so it's an expensive quick fix.

There are only two reasons to replace the SSA: if the platform circuit breaker continually trips or if the SSA smokes or produces a burning smell.

If neither of those two symptoms is present, maintenance personnel need to follow the troubleshooting found in WP 0028 in the joint service lightweight standoff chemical agent detector's (JSLSCAD) TM 3-6665-353-13&P (Apr 13) down to the lowest line replaceable unit (LRU). That will be either the scanner assembly, NSN 6665-01-536-5638 or sensor electronics module, NSN 6665-01-536-7953.

Once the fault is identified, replace the faulty LRU according to the maintenance allocation chart (MAC).

To put it mildly, the lowest level LRUs are cheaper than SSAs—and more readily available, for that matter.