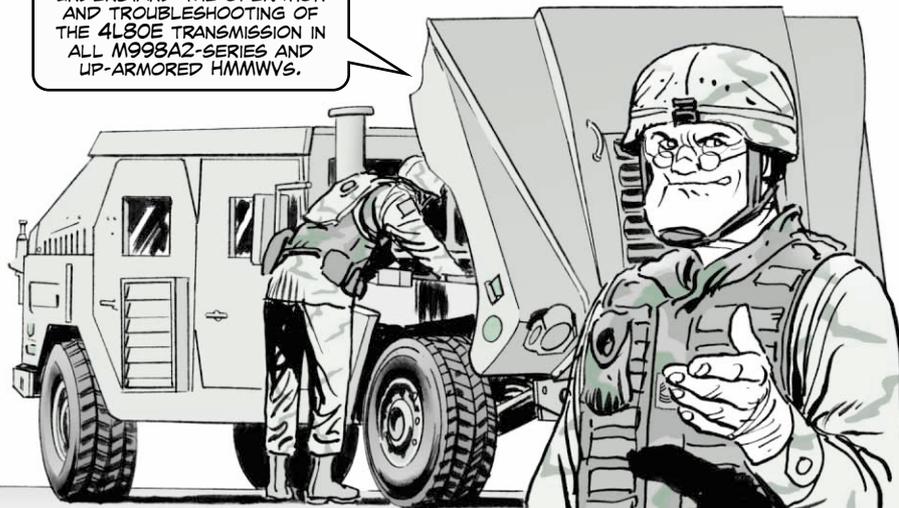


# 4L80E TRANNY TROUBLESHOOTING

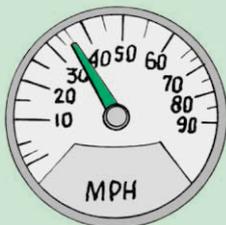
REPORTS FROM SWA INDICATE THAT SOME DRIVERS AND UNIT MECHANICS DON'T QUITE UNDERSTAND THE OPERATION AND TROUBLESHOOTING OF THE 4L80E TRANSMISSION IN ALL M998A2-SERIES AND UP-ARMORED HMMWVs.



JUST ABOUT EVERYTHING UNIT LEVEL OPERATORS AND MECHANICS NEED TO KNOW ABOUT THE 4L80E CAN BE FOUND IN TMS 9-2320-280-10 AND -20-1 AND TMS 9-2320-387-10 AND -24-1.



OPERATORS, WHEN THE TRANSMISSION WILL **NOT** SHIFT INTO THIRD GEAR AFTER REACHING ABOUT 35 MPH, DON'T EXCEED 35 MPH AND GET YOUR TRUCK TO YOUR MAINTENANCE FACILITY **ASAP**.



MECHANICS, WHEN A DRIVER TELLS YOU ABOUT THE TROUBLE MENTIONED ABOVE, GO DIRECTLY TO SECTION 2-35 OF THE -280-20-1 TM OR SECTION 2-40 OF THE -387-24-1 TM (OR FIND BOTH IN ETM 0030).



EVERYTHING YOU NEED TO TROUBLESHOOT CAN BE FOUND IN THESE SECTIONS.

You will also need some special tools noted in the TMs:

- Diagnostic switch cable, NSN 6150-01-410-8215
- Throttle position switch (TPS) cable, NSN 6150-01-412-7774
- TPS block gauge, NSN 4820-01-179-4869

HERE'S SOME *EXTRA* INFO...



If a HMMWV with a newly installed transmission goes into "limp mode" (won't shift out of second gear) right away, it could have the wrong erasable programmable read-only memory (EPROM) chip installed. 1995 and 1996 Model 4L80E transmissions require EPROMs that are matched to the model year of the transmission. 1997 and newer transmissions can use the latest model of EPROMs. For training or assistance to troubleshoot the 4L80E transmission, contact your local TACOM logistics assistance representative (LAR).

HEMTT, PLS...

## CARGO NET AND RACK



Scattered cargo is the last thing a driver wants to see while looking in his rearview mirror.

To keep cargo in place, use the adjustable cargo net and rack kit that comes with NSN 2590-01-522-8060. The rack fits above the vehicle's cab. It fits both the HEMTT and PLS and requires only a 1/16-in socket wrench for installation.

The net fastens around the rack. A three-position molded nylon clamp locks a cinching rope, which goes around the entire net. Each net comes with a storage bag and attachment instructions.

USE NSN 2590-01-522-8060 TO GET AN ADJUSTABLE CARGO NET AND RACK KIT.



By the way, these kits will **NOT** fit HEMTTs and PLSs with up-armor kits installed on the vehicle.