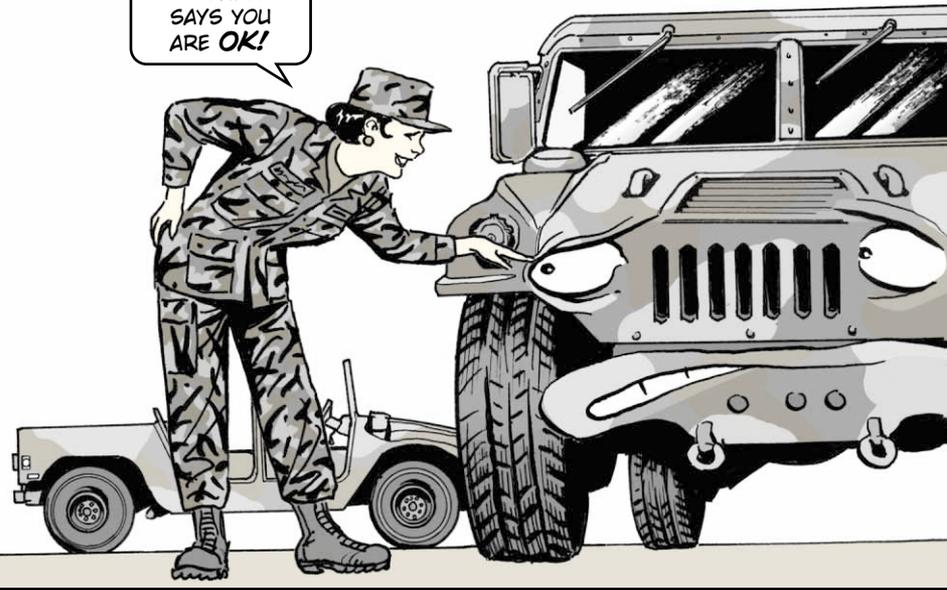


DON'T WORRY.  
YOUR CHECKUP  
SAYS YOU  
ARE OK!

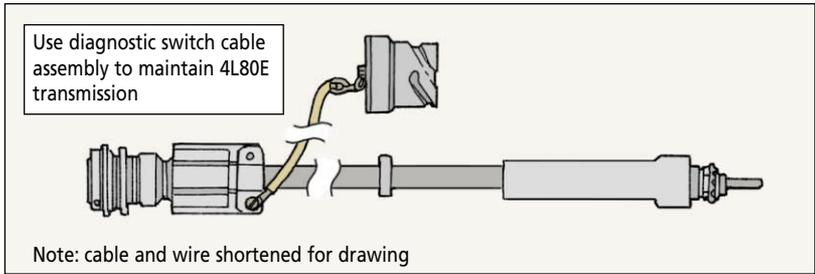
# M998A2



**M**aintaining the 4L80E transmission used in the M998A2-series HMMWVs, the M1113, M1114 and the M1123 is a bit different than working on the 3L80 used in the basic and A1-series trucks.

Without specific tools and training, you will have problems.

First of all, you need the diagnostic switch cable assembly and case from the special tools kit, NSN 5180-01-410-8467, that should have been fielded with your truck. The assembly and case are Items 32 and 33 in Fig 439 of TM 9-2320-280-24P-2. Without the assembly, you will not be able to diagnose the fault codes.

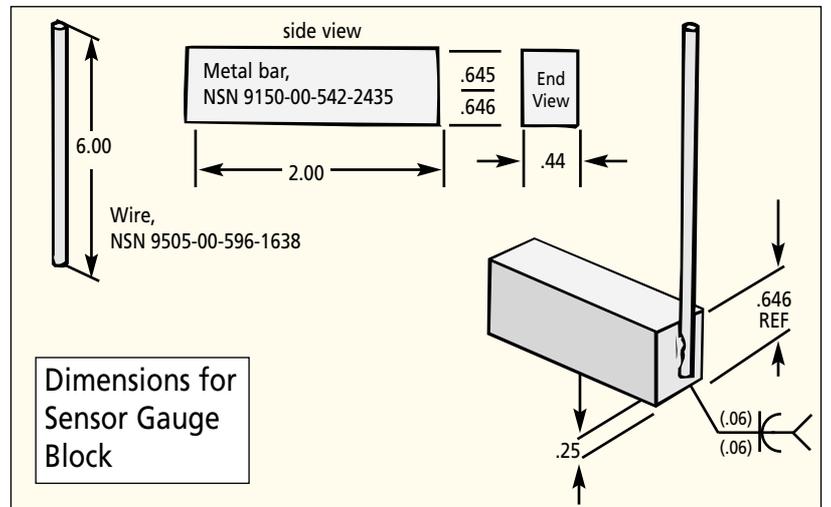


# Transmission Update

You also need throttle positioning sensor gauge block, NSN 4820-01-179-4869, which is not shown in the TM at all. You can make your own block, though, and save some money. Here's the info:

You'll need a 6-in piece of wire, NSN 9505-00-596-1638, and a piece of metal bar, NSN 9510-00-542-2435, that's 2 inches long.

Once the wire and bar have had all burrs and sharp edges removed, weld the wire to the bar as shown.



Dimensions for  
Sensor Gauge  
Block

To help you through the maintenance process, you also need a training tape, TVT 55-62, *HMMWV A2 Electronic 4-speed Transmission*, available from your local TSC. It can also be ordered over the Internet from the Defense Automated Visual Information System/Defense Instructional Technology Information System (DAVIS/DITIS).

Go to their web site at <http://dodimagery.afis.osd.mil/>. Once there, click on DODVI Productions/IMT Products (DAVIS/DITIS). Then click on PIN/ICN Search. Do an ICN search for TVT 55-62, and follow the ordering info.

You can also order by:  
E-mail: [vibuddy@hq.afis.osd.mil](mailto:vibuddy@hq.afis.osd.mil)  
Fax: DSN 795-6106, (717) 895-6106  
Mail:

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Include your name, full military mailing address, the title and PIN (711363) of the film, format (VHS) and the quantity of films you need. APO addresses must include a unit/box number, CMR box number or PSC box number.