



# Technical Service Information

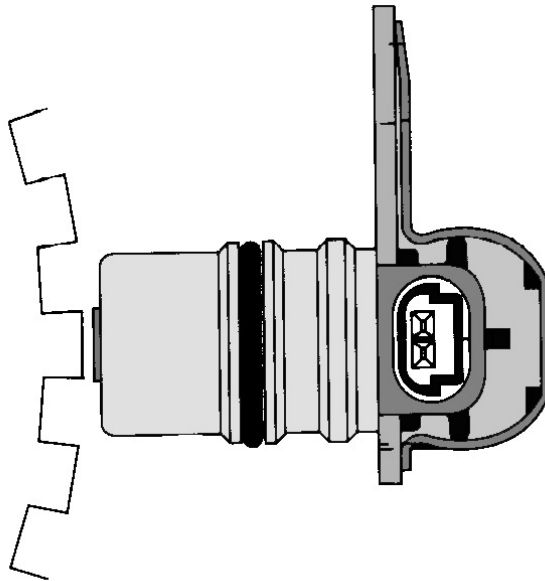
## THM 4L80-E/4L80-EHD STUCK IN 1ST GEAR NO VEHICLE SPEED SIGNAL

**COMPLAINT:** The vehicle displays a "No Upshift" condition, and when scanning for codes on 1991-93 vehicles, there are no codes stored. However, on 1994 vehicles, a code 74 *may* be stored for "No Input Speed Sensor Signal".

**CAUSE:** On all 1991-94 Trucks and Vans equipped with the THM 4L80-E, the PCM has strategy that *will not allow the PCM to look at output RPM, if there is no input RPM signal.*

**CORRECTION:** When a "No Upshift" condition exists, do not assume that it is an output speed sensor and/or DRAC problem. On 1991-93 vehicles scan for data and ensure that you do have an input speed sensor signal. On 1994 vehicles, if code 74 is present with the above symptoms, that is a definite indicator that the input speed sensor is causing the problem.

*Note: On 1995 and later vehicles the PCM strategy was changed and there will be an output speed sensor signal, even though there is no input speed sensor signal.*



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Figure 1