



Technical Service Information

THM 440-T4 VACUUM LINES PINCHED

Pinched or Kinked Modulator Vacuum Lines and the Deletion of the Aspirator/Solenoid system.

A repeat THM 440T4 transaxle failure may be due to pinched or kinked vacuum lines causing low oil pressure. Visual inspection of lines is inadequate to detect this condition. Connect a vacuum gauge at the modulator by use of a tee with adequate hose length to observe gauge. With the engine running and the throttle closed, the vacuum reading at the modulator should be 13-17 inches. When the throttle is opened, vacuum drop should be IMMEDIATE. A slow vacuum drop when the throttle is opened would indicate a kinked or pinched vacuum line. Vacuum retained in the modulator will reduce line pressure and result in a second clutch failure.

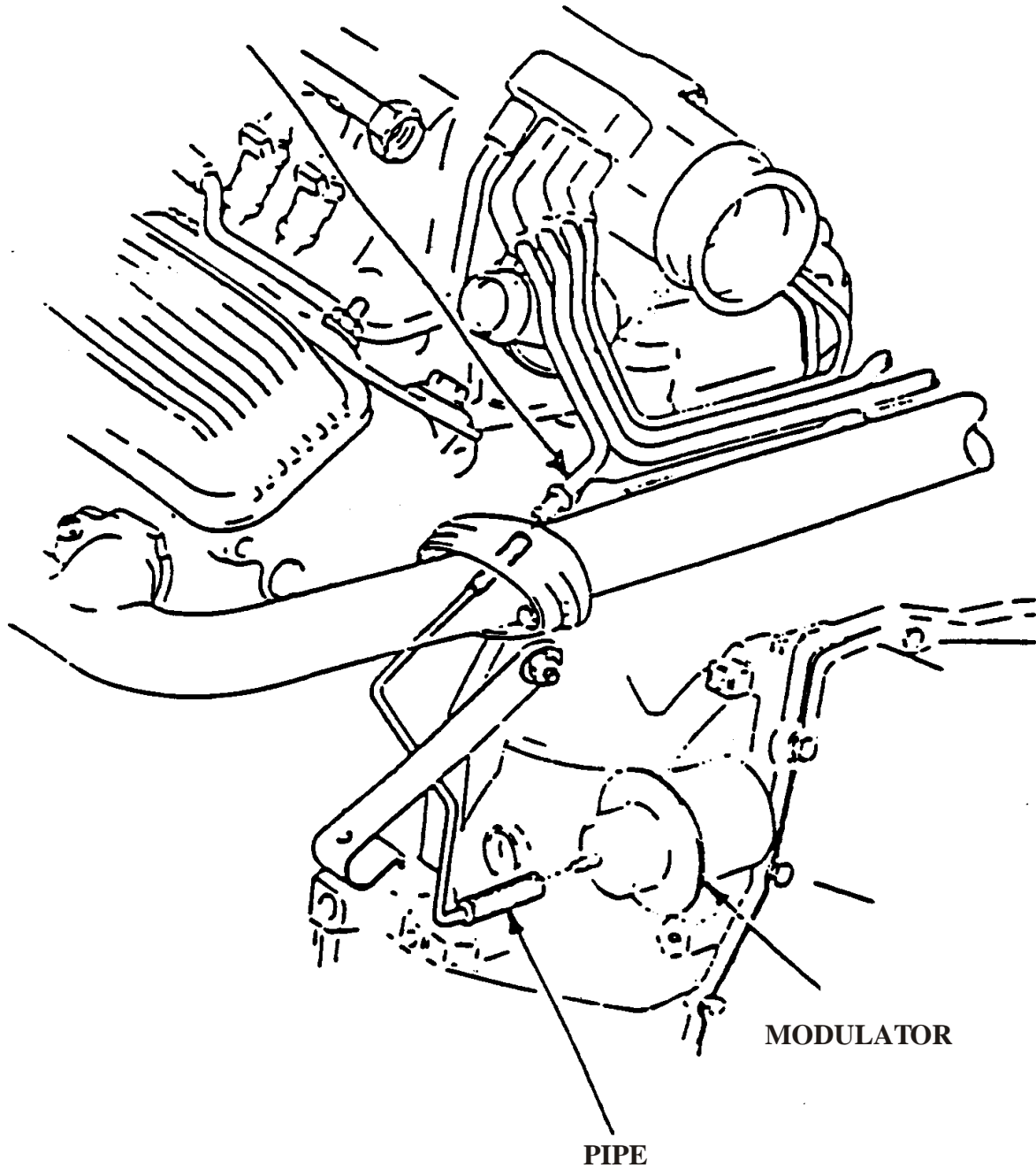
A mid year production change eliminated the aspirator/solenoid. This replace with a solid steel line applying vacuum directly to the modulator. If an inadequate supply of vacuum to the modulator exists or if the aspirator/solenoid should fail giving the vehicle SECOND GEAR STARTS, we recommend that the solid steel line to the modulator be installed. See FIGURE 1.

NOTE: The electrical connector to the aspirator system solenoid should be taped back out of the way.

Two pieces of 7/32" vacuum hose and a steel line part numbers 25527722 3.8L engine and others 25527723.

THM 4T40-E OIL PUMP ASSEMBLY

VACUUM HARNESS ASSEMBLY



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