



# Technical Service Information

## **THM 440-T4 LIFT FOOT SHUDDER**

**COMPLAINT:** A vehicle equipped with a 3800, V6 engine and a THM 4T60 (440-T4) or THM 4T60-E transaxle may experience a lift-foot shudder. This shudder occurs when the driver accelerates from a stop at 1/2 to full throttle, and then quickly lifts their foot to closed throttle at less than 10 MPH.

**CAUSE:** This is caused by the vacuum modulator responding too quickly to engine vacuum, and the modulator controls line pressure.

**CORRECTION:** Install a .045" orifice cup plug in the vacuum modulator hose, at the vacuum modulator. This will slow vacuum response to the transaxle by approximately 1/10 of a second and allow the transaxle to have sufficient line pressure to hold the bands and clutches during lift-foot maneuvers.

There is also available a new Vacuum Manifold Block Assembly (located on the intake manifold) which incorporates the new orifice. The new Vacuum Manifold Block With Orifice, is ONLY for 1990-1991, 3800 V6 engines, in C, E, and W body vehicles, and is available under OEM part number 24501262.