



## TECHNICAL SERVICE BULLETIN

	<b>Group</b>
	40 - TRANSAXLE
	<b>Number</b>
	01-40-002
<b>Subject</b>	<b>Date</b>
<b>AUTOMATIC TRANSAXLE CONTROL MODULE ADAPTIVE LEARNING</b>	02-2001
	<b>Model</b>
	All Models 0

### DESCRIPTION:

The transaxle control module (TCM) has internal logic that allows the TCM to compensate for mechanical tolerance changes which may occur during the life of the transaxle due to normal wear. If battery power is disconnected from the TCM, the adaptive learning is cancelled.

Whenever battery power is disconnected from the TCM or a new transaxle is installed, follow the procedure below to restore adaptive learning:

### **NOTE**

**If adaptive learning is not performed, the transaxle shift quality may be affected.**

### ADAPTIVE LEARNING PROCEDURE:

1. Attach a Hi-Scan Pro and select "Automatic Transaxle" menu, "Current Data" menu and "Trans Temp. Sensor".
2. Drive the vehicle until the ATF temperature is above 50°C or 122°F (adaptive learning does not occur below this temperature).
3. Accelerate the vehicle through several 1-2-3-4 upshifts and 4-3-2-1 downshifts at light and medium throttle openings until shift flare and shift shock no longer occur.

### **NOTE**

**Because of the internal transaxle design, adaptive learning for the 2-3 shift takes longer than the 1-2, or 3-4 shifts.**