

TCOM

#### 6T70 No Move Condition

GM has a relearn procedure for this transmission outlined below. Since GM has had problems with this procedure GM has instructed their technicians not to use this procedure anymore.

To relearn a 6Tseries transmission just get the ATF temperature to 160 and drive it. It will relearn by itself. Make sure no codes are present.

This is the (old) procedure:

Service Fast Learn Adapts is a Tech·2® procedure for 6 speed automatic transmissions in which a series of tests are run to allow the transmission control module (TCM) to learn individual clutch characteristics. Once the clutch data is learned, Service Fast Learn Adapts translates it into the adaptive data cells, which the TCM uses for clutch control during shifts.

When running this Tech·2® procedure, in the service stall with the service brake applied and the park brake set, the engine RPM may drop severely or the engine may stall at the end of the test. This stall condition may only occur when running this service procedure. This is a normal condition and no repair attempts should be made to correct this.

If the engine stalls and the Tech·2® indicates that the procedure was completed successfully there is no need to repeat the procedure. Follow the steps below:

1. Place the transmission in Park.
2. Exit the Service Fast Learn Adapts Procedure on the Tech 2®.
3. Turn the ignition key to the OFF position.

If the engine stalls and the Tech·2® indicates that the procedure was aborted or not completed successfully, the procedure will need to be repeated. Follow the steps below:

1. Place the transmission in Park.
2. Exit the Service Fast Learn Adapts Procedure on the Tech 2®.
3. Turn the ignition key to the OFF position.
4. Open the vehicle door with the ignition key still in the OFF position and wait at least 30 seconds before starting the vehicle or using the Tech·2®.

**Important: Failure to properly exit a successful, aborted or unsuccessful procedure can result in setting transmission DTCs and a no drive condition. Clear all DTCs before repeating the Service Fast Learn Adapts procedure.**

If you or one of your techs tries to relearn a 6T series transmission and fail to follow the process correctly the vehicle may not move after the relearn. If this happens removing the scanner and letting the vehicle sit for 5 minutes will usually correct the problem.