



Technical Service Information

THM 3T40 (125C) TCC ENGAGEMENT

COMPLAINT: Too early converter clutch apply on vehicles with computer control.

CAUSE: A possible cause can be a ground condition in the "D" lead. This ground can be internal in the transmission, a pinched wire, or it can be a ground condition in the transmission wire harness itself which would be external to the transmission.

Too early apply complaint may not be a malfunction but in fact be the actual calibration of the vehicle.

A malfunctioning PROM (programable chip in the ECM).

CORRECTION: Eliminate the ground condition.

Replace the Prom or if 3C system is still under warranty, have dealership do repair.

Install governor switch on auxiliary valve body in location shown on Figure 3.

The vehicles that come equipped with the 3C system have a two wire connector. Figure 1 shows the internal connection in the transmission. The "A" lead is the plus or hot lead and the "D" lead is the ground signal sent to the transmission by the computer. Figure 2 shows the internal connections in the transmission with the vehicles, however the "D" lead DOES NOT have an external connection on the vehicles that have a Diesel engine or vehicles that are not equipped with the 3C system.

Figure 1

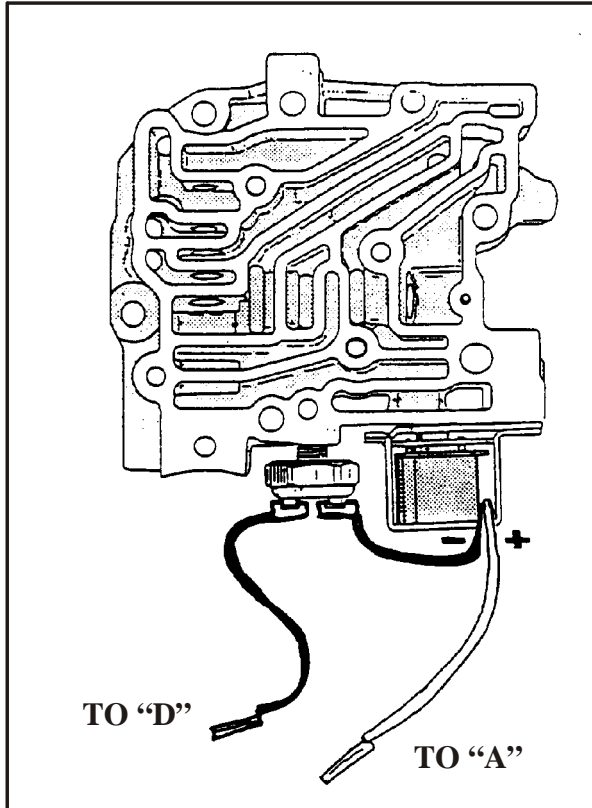


Figure 1

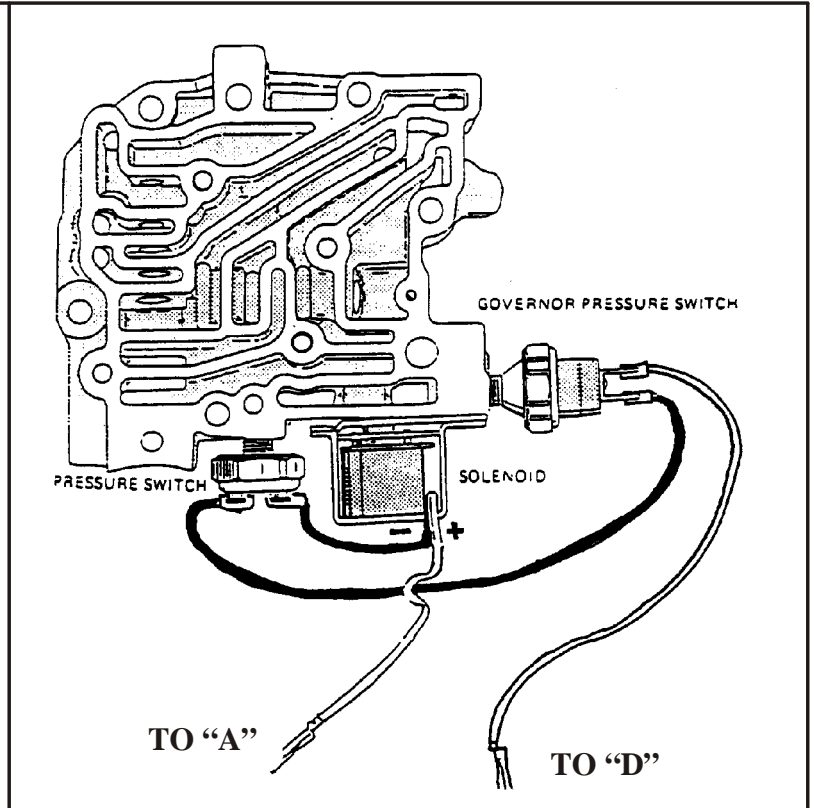


Figure 2

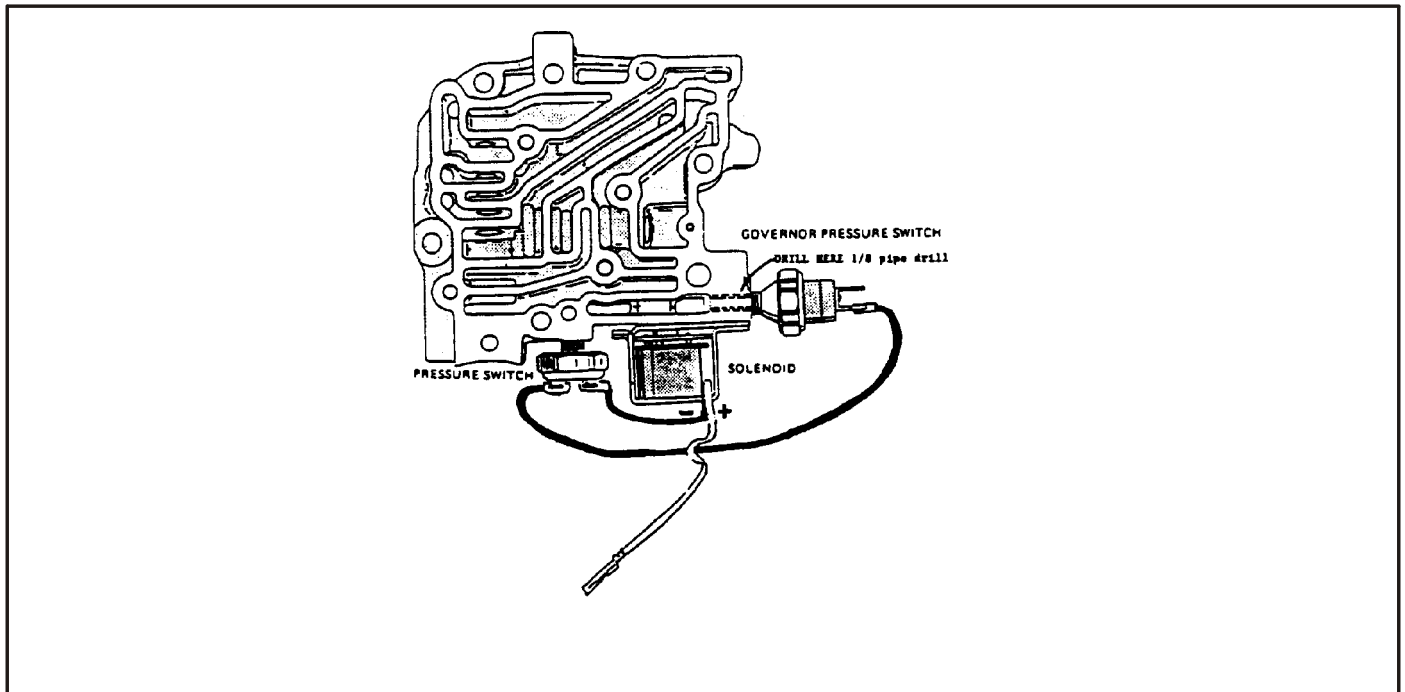


Figure 3

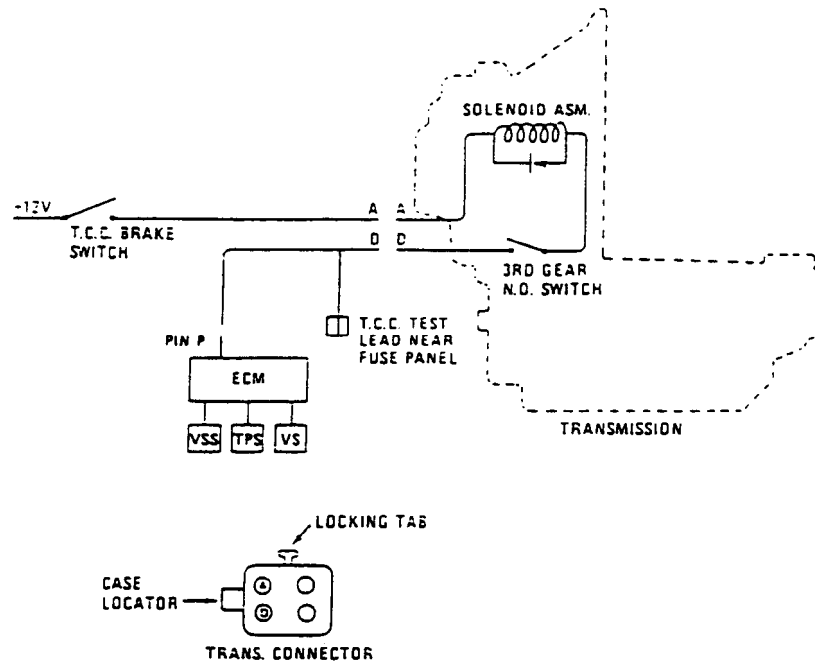


Figure 4

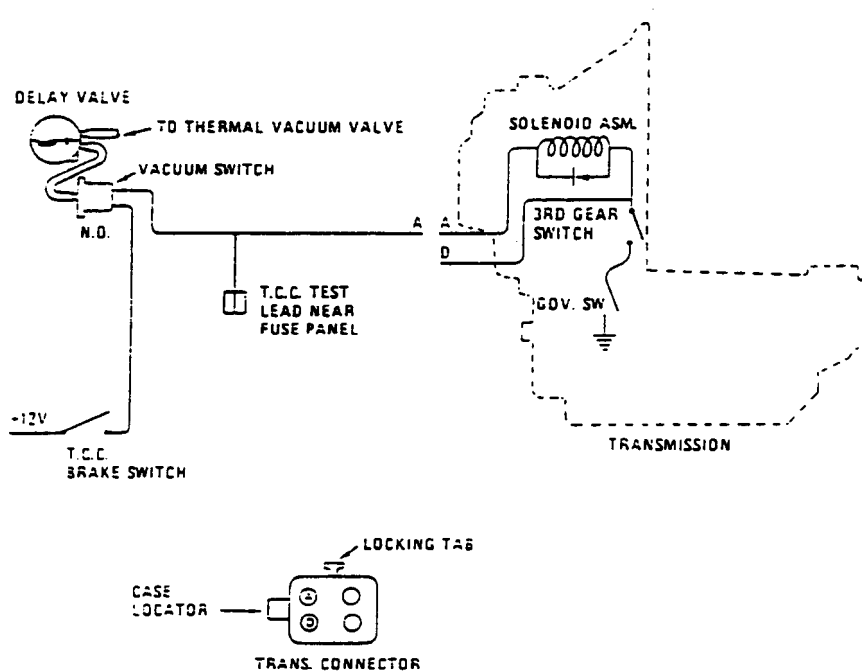


Figure 5