



Technical Service Information

THM 4L60 (700-R4) TEMPERATURE SWITCH ADDED

Beginning July 17, 1986, Julian Date 1987, for 1987 THM 700-R4 transmissions, a new solenoid and wiring harness (Type 15) went into production, along with a new temperature switch and bracket assembly (see Figure 1).

The new temperature switch is designed to prevent the transmission from over-heating by applying the torque converter clutch (TCC) under certain conditions. With the gear selector in "D" and the transmission operating in fourth gear, the temperature switch is normally open. If the transmission is operating in fourth gear without TCC apply and the fluid temperature reaches 275°F, the switch closes. When the switch is closed, the torque converter clutch is applied to allow the fluid to cool to 246°F, at which time the switch opens and normal TCC operation resumes.

The new temperature switch is mounted on the control valve assembly by an existing bolt and can be serviced by removing the oil pan

Models affected are as follows:

FAM, MAM, MDM, MFM, MKM, MLM, MMM, MRM, MVM,
MWM, MXM, MZM, TJM, TKM, TVM, TXM.

Vehicles affected are as follows:

M-Van with - 4.3L Engine
G-Van with - 4.3L, 5.0L, 5.7L Engine
R, V, C and K truck with - 4.3L, 5.0L, 5.7L Engine

Temperature switch (1987 models) 8654421

Solenoid assembly (1987 models-Type 15) 8654415

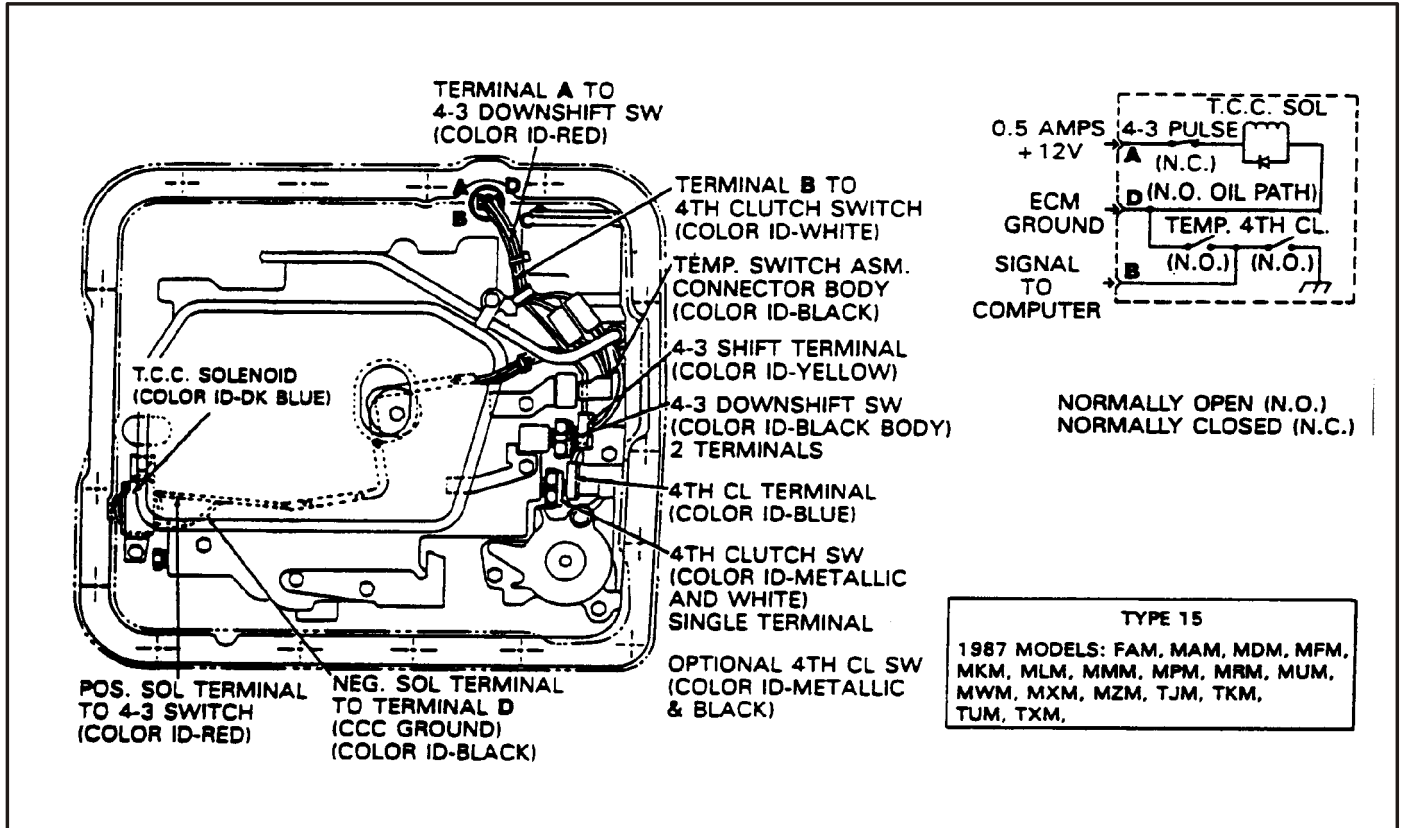


Figure 1