



# Technical Service Information

## **THM 4T60-E CASE CONNECTOR CHANGES FOR 1994**

**CHANGE:** Beginning at Start Of Production for 1994, all THM 4T60-E transaxles have a re-designed Vehicle Wiring Harness, a re-designed Internal Transaxle Wiring Harness, and the pins in the 7-way case connector DO NOT have the same function as the previous models. There is also one 1993 pull-ahead model, 3BHW, used in the Oldsmobile Cutlass Supreme with the 3.1L engine, that uses the re-designed wiring.

**REASON:** The addition of the temperature sensor in the 1994 model transaxles created the need for the wiring to be totally re-designed. Since the temperature sensor required two pins on the case connector and only one was available, it became necessary to combine the 12V power source on one pin "E", instead of the previous two pins "A" & "E".

### **PARTS AFFECTED:**

**(1) VEHICLE WIRING HARNESS** - Cavity function changes to accommodate the new design wiring, as shown in Figure 1, which includes both previous and the new design electrical schematics.

**(2) INTERNAL TRANSAXLE WIRING HARNESS** - Cavity function changes to accommodate the re-designed wiring. Refer to Figures 2, 3, 4, and 5, which will depend on the model you are working on.

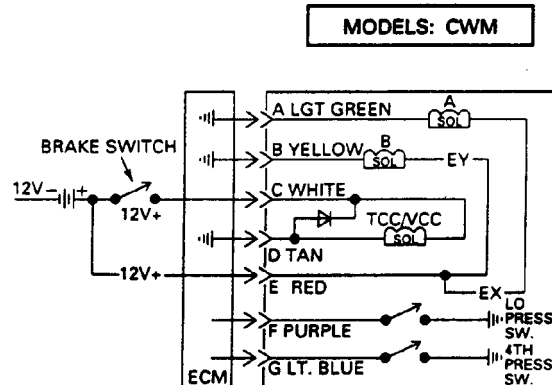
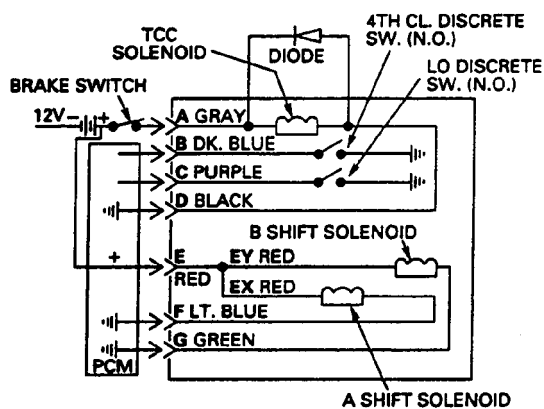
**(3) TEMPERATURE SENSOR** - Added internally to the transaxle to give the PCM transaxle temperature information. There are 2 different types of the temperature sensor. One sensor is screwed into the channel plate near the TCC accumulator bore and monitors cooler fluid temperature. Refer to Figure 5 for this sensor. The other type sensor is incorporated into the wiring harness and clips to the valve body spacer plate, as shown in Figure .2. Regardless of which type temperature sensor you have, the wires will will go through terminals "IF" & "G" in the new case connector.

### **INTERCHANGEABILITY:**

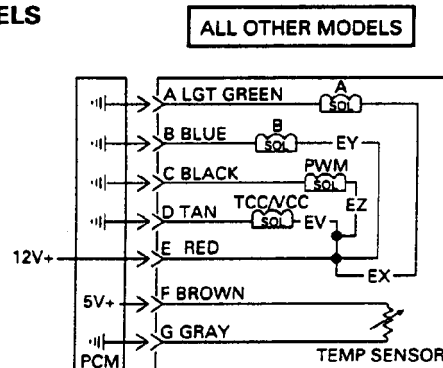
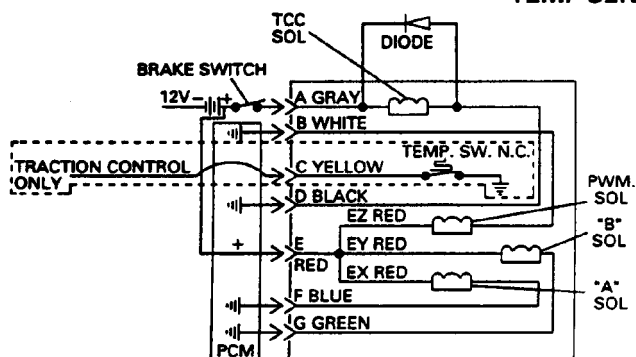
**NONE OF THE PARTS LISTED ABOVE ARE INTERCHANGEABLE WITH ANY OF THE PREVIOUS DESIGN LEVEL PARTS, AS DAMAGE TO ELECTRICAL SYSTEM AND COMPONENTS CAN OCCUR.**

**WARNING: NONE OF THE BREAK-OUT BOXES CURRENTLY AVAILABLE FROM THE AFTERMARKET SOURCES AND USED TO SHIFT THE TRANSAXLE THRU THE SHIFT PATTERN, ARE COMPATIBLE WITH 1994 MODEL 4T60-E DAMAGE TO THE ELECTRICAL COMPONENTS AND/OR BREAK-OUT BOX MAY OCCUR,**

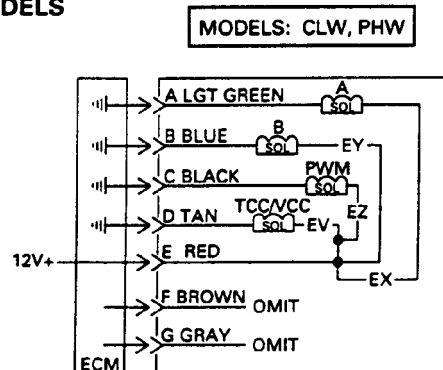
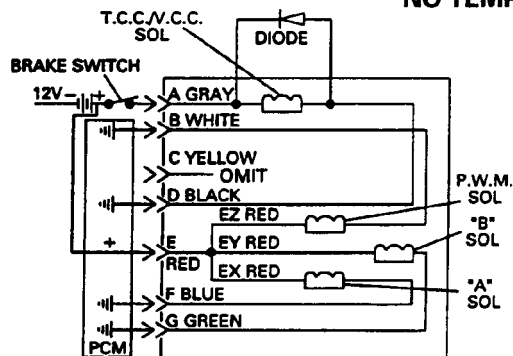
**1991-1993      1994**  
**PRESSURE SWITCH MODELS**



1993	1994
TEMP SENSOR MODELS	



	1993	1994
NO TEMP SENSOR MODELS		



### Figure 1

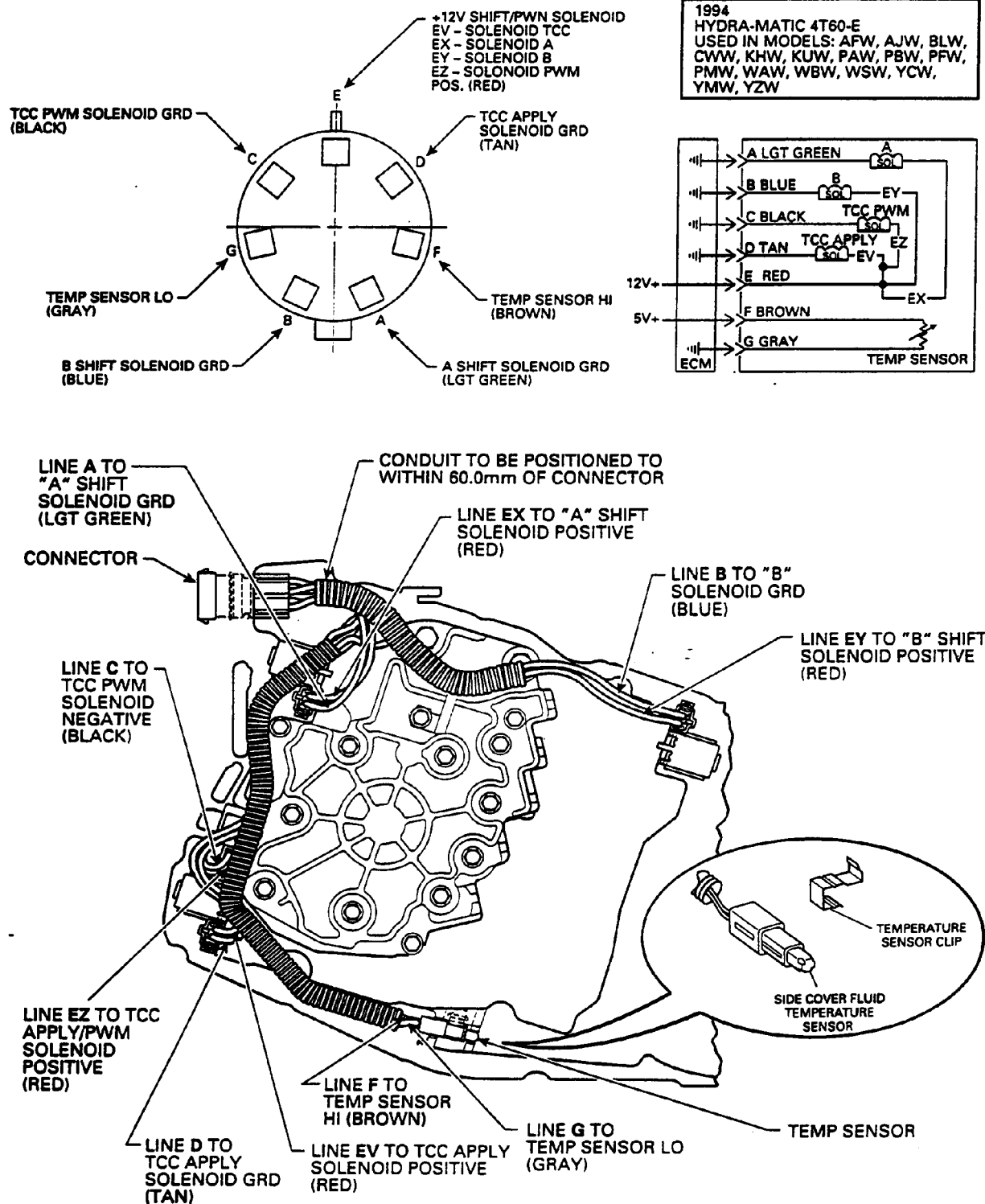


Figure 2

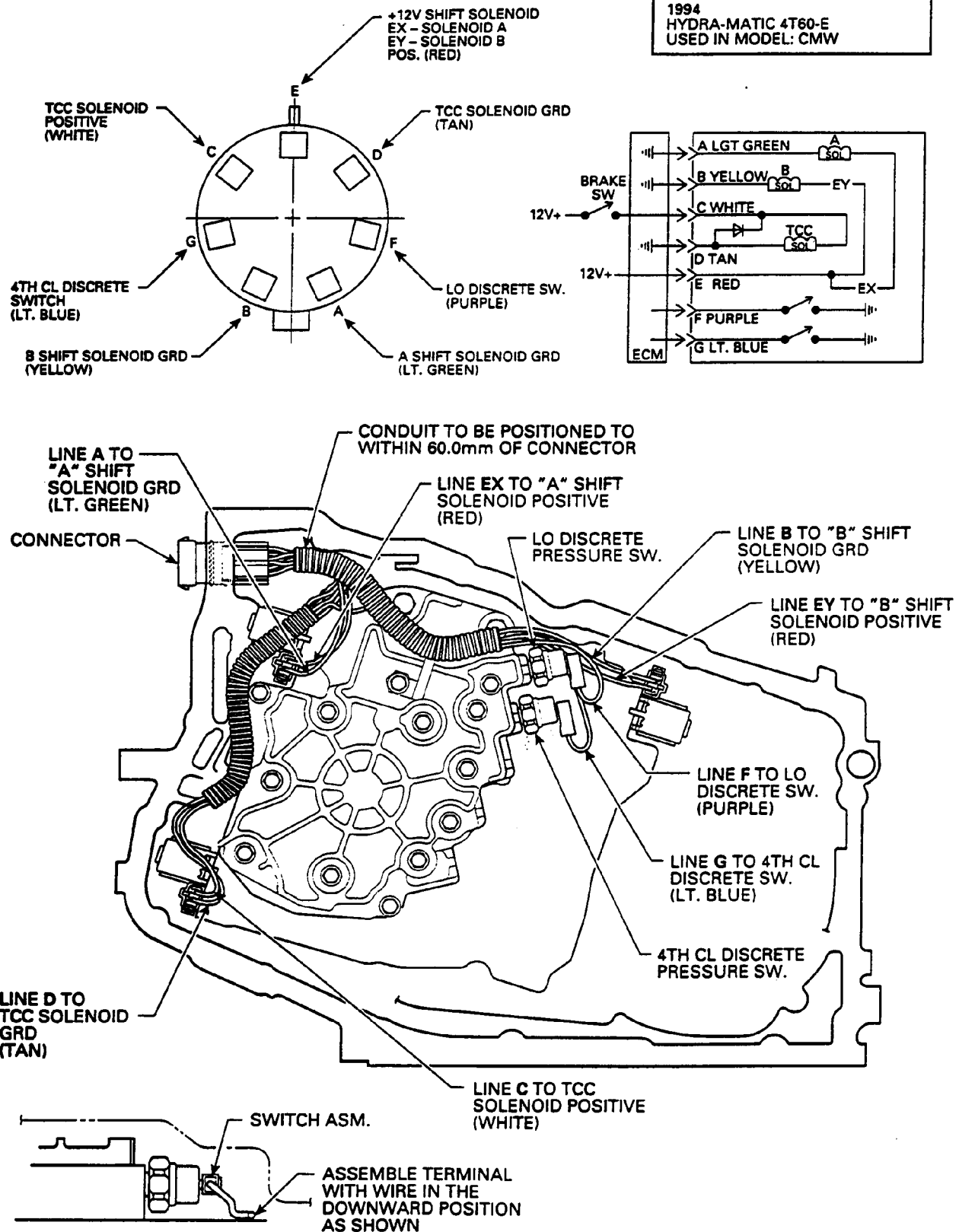


Figure 3

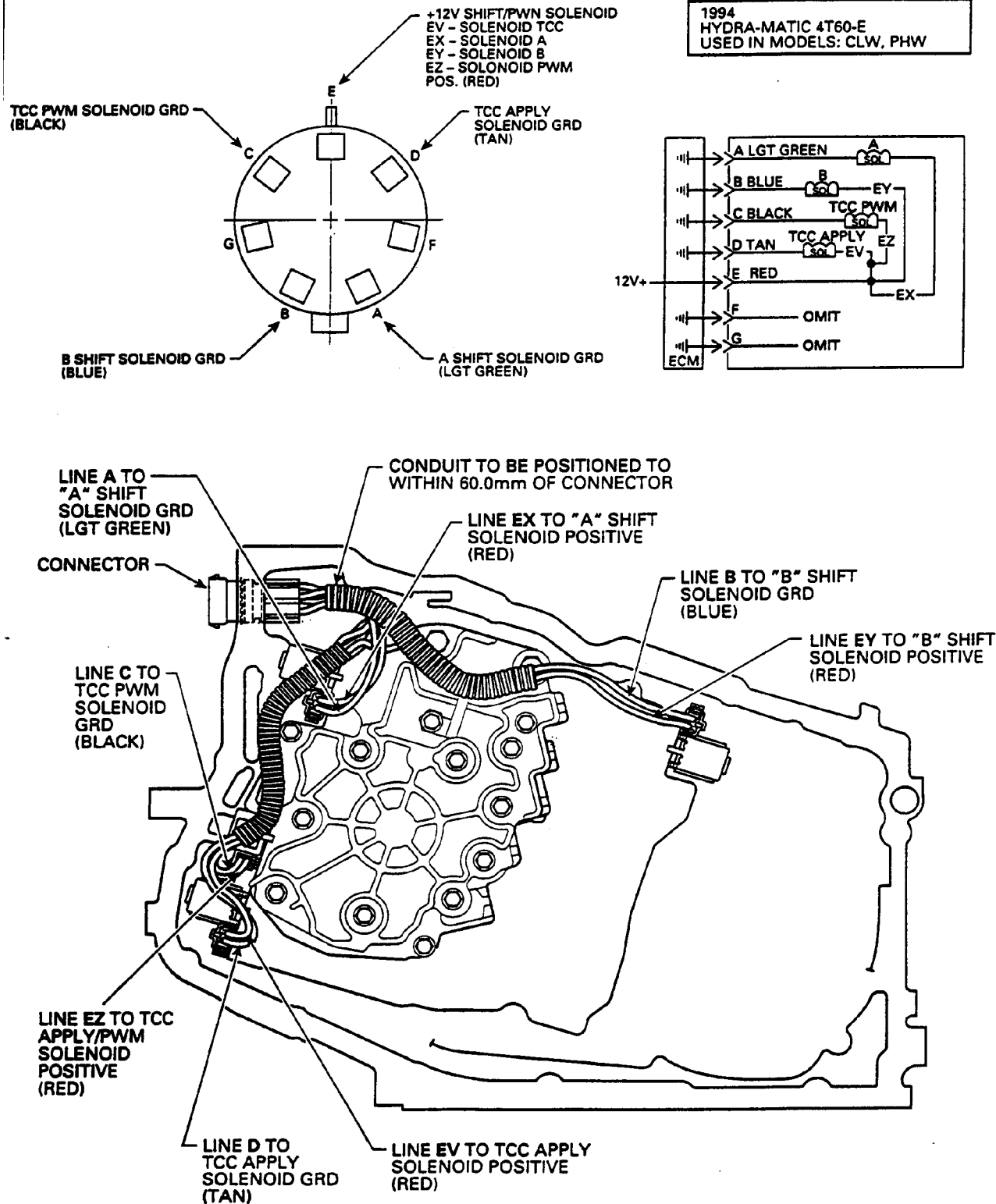


Figure 4

1994 MODEL: ATW

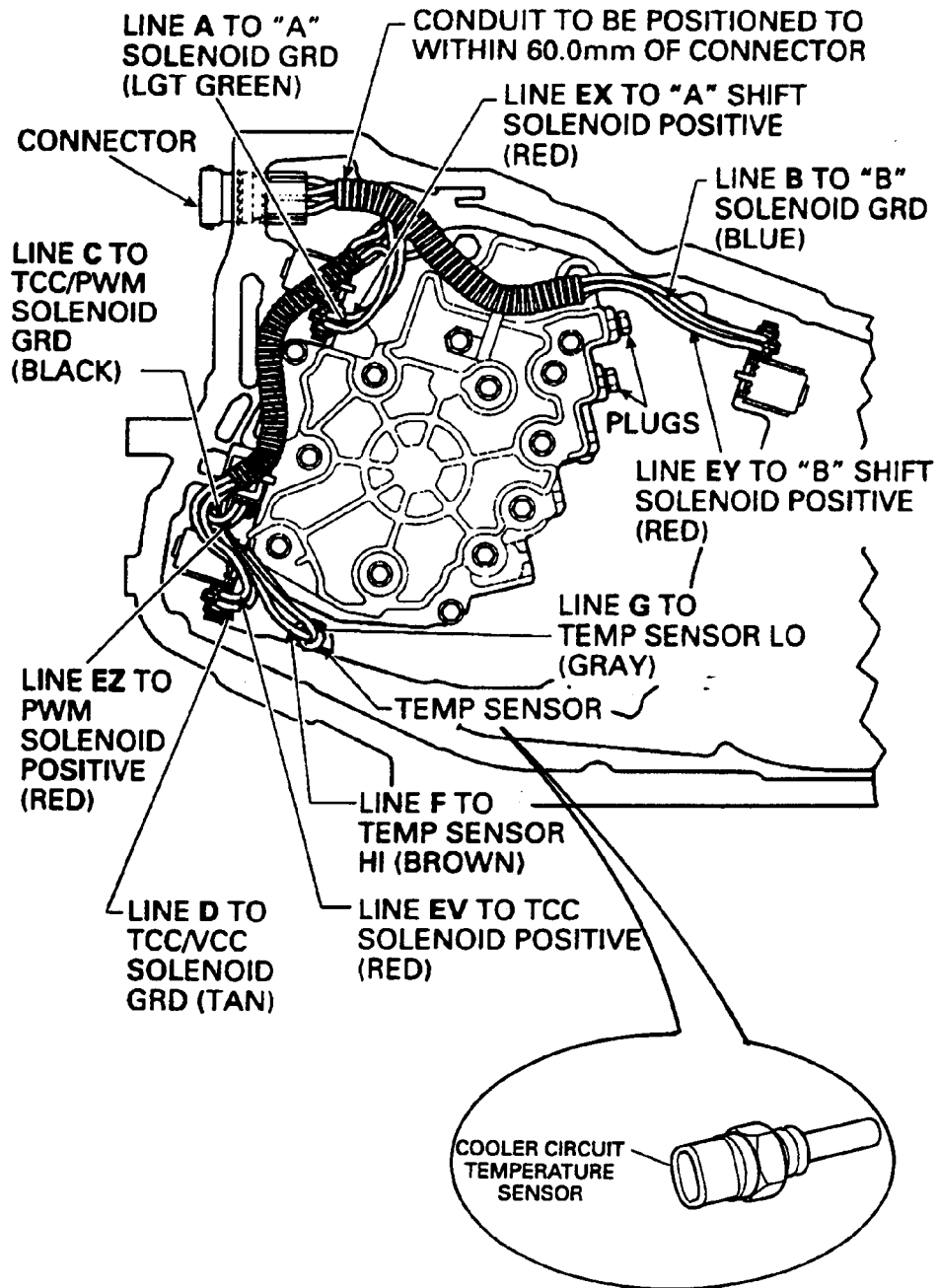


Figure 5