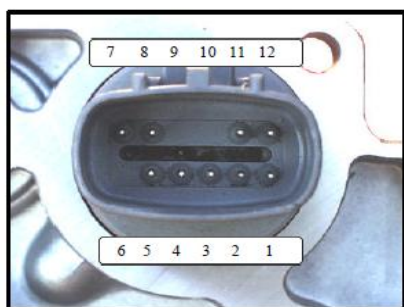




## TFT Resistance check – 4R100

To check for resistance through the TFT sensor, Pin out between 7 & 8 (Fig.1) The readings you should see based off of the temp of the fluid will vary (Fig.2) This test will determine if your Transmission Fluid Temp sensor is functioning correctly from the trans connector and through the internal harness.

Fig.1



Connector Pin	Description
1	Vehicle Power (VPWR)
2	Shift Solenoid 2 (B)
3	Shift Solenoid 1 (A)
4	Torque Converter Clutch
5	Coast Clutch solenoid
6	Not Used
7	Transmission Fluid Temp. Sensor
8	Signal Return (SIG RTN)
9	Not Used
10	Not Used
11	Electronic Pressure Control
12	Electronic Pressure Control Power

Fig.2

Fahrenheit	Resistance
-40 to -4	106k-284k
-3 to 31	284k-100k
32 to 68	100k-37k
69 to 104	37k-16k
105 to 158	16k-5k
159 to 194	5k-2.7k
195 to 230	2.7k-1.5k
231 to 266	1.5k-08k
267 to 302	0.8k-0.54k

If your readings are correct after the procedure then below you will find the pin locations for the external harness.

Pin #	Description	PCM Pin (Cal)	PCM Pin (49 State)
7	Trans Fluid Temp Sensor	37	37
8	TFT (Signal Return)	91	91