



## INTRODUCTION

### Note

You should enter this Pinpoint Test only when you have been directed here from Quick Test.

### Remember

To prevent the replacement of good components, be aware that the following non-EEC areas may be at fault:

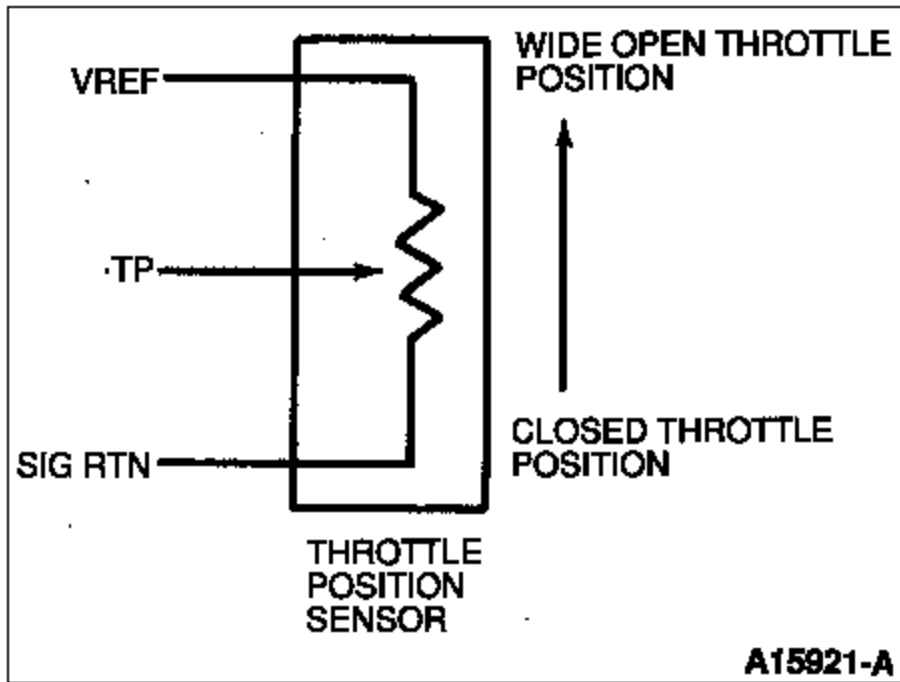
- Idle speeds/throttle stop adjustment
- Binding throttle shaft/linkage or speed control linkage
- Choke/high cam system, if equipped
- TP sensor may not be seated properly (tightened down)

This Pinpoint Test is intended to diagnose only the following:

- Throttle Position (TP) sensor (9B989)
- Sensor harness circuits: VREF, TP, and SIG RTN
- Processor assembly (12A650)

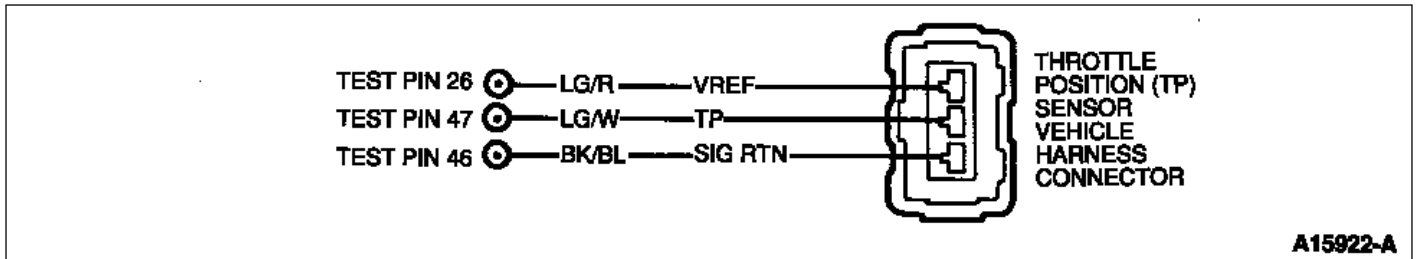
### Description

The Throttle Position (TP) Sensor is a potentiometer that provides a signal to the EEC processor that is directly proportional to throttle plate position.

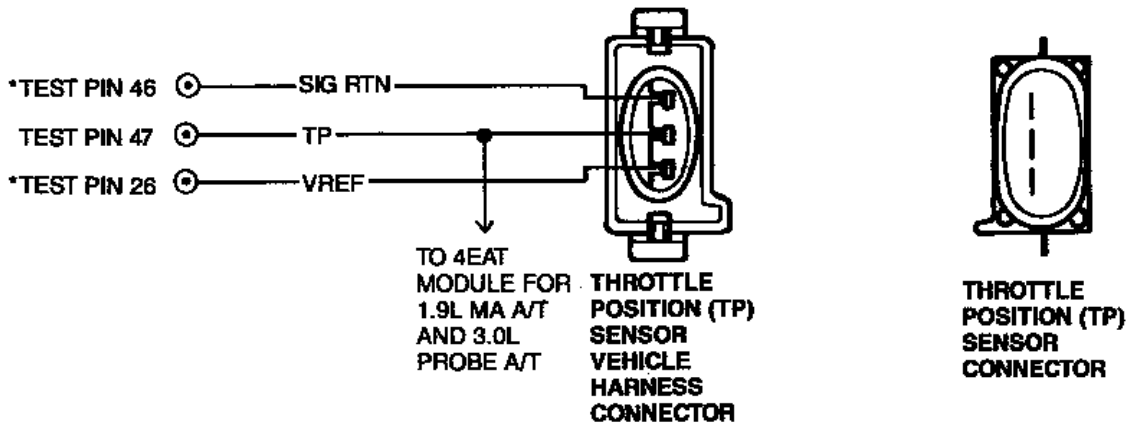


## Pinpoint Test Schematic

### 2.0L SEFI Probe



### All Others



**\*TEST PINS LOCATED ON BREAKOUT BOX.  
ALL HARNESS CONNECTORS VIEWED INTO MATING SURFACE.**

**A13541-B**

**Test Pin 46ÄSIG RTN**

Application	Wire Color
1.9L SEFI MA	LG/BK
3.0L Probe	LG/Y
7.0L F-Series	BK/W
All Others	GY/R

**Test Pin 26ÄVREF**

Application	Wire Color
1.9L SEFI MA	LG/W
3.0L Probe	LG/R
7.0L F-Series	R
All Others	BR/W

**Test Pin 47ÄTP**

Application	Wire Color
1.9L SEFI MA	R/W
3.0L Probe	LG/BK

