

DH: Throttle Position (TP) Sensor Introduction

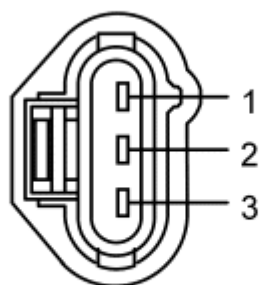
[DH: Pinpoint Tests](#) ➔

This pinpoint test is intended to diagnose the following:

- TP sensor (9B989)
- binding or sticking throttle linkage
- harness circuits: TP, SIGRTN, VREF, VPWR, and PWRGND
- powertrain control module (PCM) (12A650)

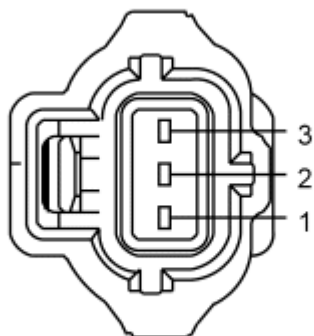
Throttle Position (TP) Sensor Connector

A



A0077555

B



A0077554

Vehicle	Connector	Pin	Circuit
Ranger 4.0L	A	2 3 1	TP SIGRTN VREF
Ranger 2.3L	B	2 1 3	TP SIGRTN VREF

Powertrain Control Module (PCM) Connector

For PCM connector views or reference values, refer to [Section 6](#).

Connector	Pin	Circuit
170 Pin	E58 B47, B48, B49, B50	SIGRTN PWRGND
	B40, E57 B35, B36 E61	VREF VPWR TP

[DH: Pinpoint Tests](#) ➔
