

## QE: Electronic Throttle Control (ETC) System Introduction

QE: Pinpoint Tests →

**Note:** Diagnose and repair the following diagnostic trouble codes (DTCs) through Section 4, [Diagnostic Trouble Code \(DTC\) Charts and Descriptions](#), and the Workshop Manual respectively before entering this pinpoint test:

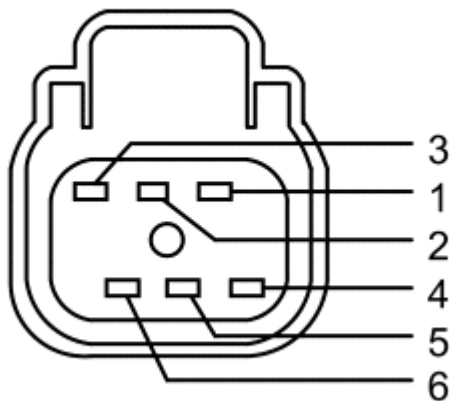
- P0715
- P0720
- P0731-P0735
- P0102-P0104
- P0321
- C1165
- U1027

This pinpoint test is intended to diagnose the informational powertrain control module (PCM) DTCs.

The informational DTCs are the result of limited operating strategy (LOS) or failure mode effects management (FMEM) operating strategy that maintains limited vehicle function in the event of a PCM, harness, or component concern.

Circuit DTCs can be accompanied by the informational DTCs, and should be diagnosed first. Informational DTCs without circuit DTCs may or may not indicate the actual concern and should be diagnosed as a symptom.

### EGR System Module (ESM) Connector



A0077577

Pin	Circuit
6	SIGRTN (Signal Return)
2	VREF (Reference Voltage)

### Powertrain Control Module (PCM) Connector

Vehicle	Connector	Pin	Circuit
Crown Victoria, Grand Marquis, Ranger, Town Car	170 Pin	B35, B36	VPWR
E-Series 6.8L, Explorer, Explorer Sport Trac,  F-Super Duty, Mountaineer, Mustang	170 Pin	B35, B36 B37	VPWR PCMRC
Edge, Flex, MKS, MKX, Sable, Taurus, Taurus X	190-Pin	B51, B52, B53  B8	VPWR PCMRC
F-150 2V 4.6L	190-Pin	B67, B68 B40	VPWR PCMRC
Fusion, Milan, MKZ	140 Pin	B51, B52 B35	VPWR PCMRC
All other vehicles	190-Pin	B67, B68 B38	VPWR PCMRC

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