DK: Accelerator Pedal Position (APP) Sensor Introduction
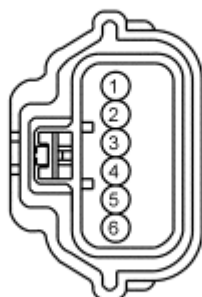
DK: Pinpoint Tests ➡

Note: After clearing an APP sensor diagnostic trouble code (DTC) to verify a repair or an intermittent concern, apply the accelerator pedal before carrying out the self-test. Take 10 seconds to carry out a full sweep of the accelerator pedal from fully released to fully applied and back to fully released.

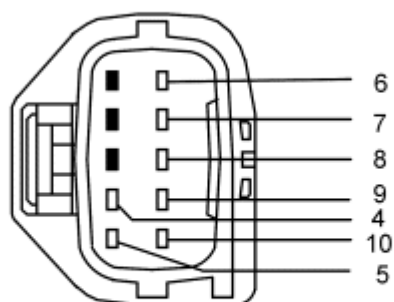This pinpoint test is intended to diagnose the following:

- accelerator pedal position (APP) sensor (9F836)
- harness circuits: ETCRTN, ETCRTN2, ETCRTN3, ETCREF, ETCREF2, ETCREF3, APP1, APP2, and APP3
- powertrain control module (PCM) (12A650)
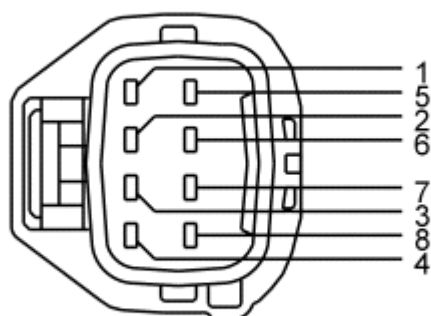
Accelerator Pedal Position (APP) Sensor Connector

A

B

N0025957

C

A0077570

Vehicle	Connector	Pin	Circuit
E-Series 4.6L, E-Series 5.4L, Escape/Mariner, Expedition, F-150, Focus, Navigator	A	5 2 4 6 3 1	APP2 APP1 ETCRTN3 ETCREF3 ETCRTN2 ETCREF2
Fusion, Milan, MKZ	B	4 5 7 6, 9 10, 8	APP3 APP2 APP1 ETCRTN ETCREF
All other vehicles	C	8 5 2 1, 3 6, 7	APP3 APP2 APP1 ETCRTN ETCREF

Powertrain Control Module (PCM) Connector

For PCM connector views or reference values, refer to .

Vehicle	Connector	Pin	Circuit
E-Series 4.6L, E-Series 5.4L, Escape/Mariner, Expedition, F-150, Focus, Navigator	190-Pin	B29 B28	APP2 APP1
Edge, Flex, MKS, MKX, Sable, Taurus, Taurus X	190-Pin	B27 B26 B25	APP3 APP2 APP1
Fusion, Milan, MKZ	140 Pin	B27 B26 B25	APP3 APP2 APP1
All other vehicles	170 Pin	B28 B17 B5	APP3 APP2 APP1