

JD: Crankshaft Position (CKP) Sensor Introduction

[JD: Pinpoint Tests](#) →

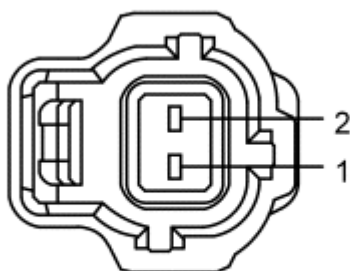
 **WARNING: CROWN VICTORIA POLICE INTERCEPTOR VEHICLES EQUIPPED WITH FIRE SUPPRESSION SYSTEM, REFER TO SECTION 419-03 FOR IMPORTANT SAFETY WARNINGS. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY.**

This pinpoint test is intended to diagnose the following:

- crankshaft position (CKP) sensor (6C315)
- harness circuits: CKP(+) and CKP(-)
- powertrain control module (PCM) (12A650)

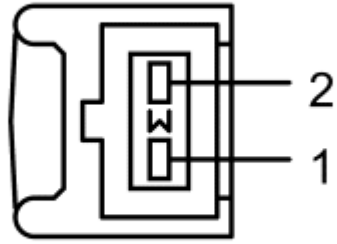
Crankshaft Position (CKP) Sensor Connector

A



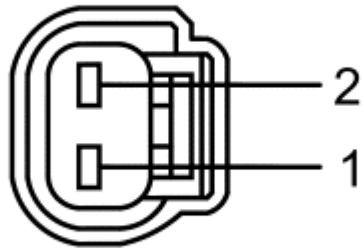
A0077560

B



A0077522

C



A0077505

Vehicle	Connector	Pin	Circuit
Escape/Mariner 2.5L, Focus, Fusion 2.3L, Milan 2.3L, Ranger 2.3L	A	2 1	CKP- CKP+
Explorer 4.0L, Explorer Sport Trac 4.0L, Mountaineer 4.0L, Mustang 4.0L, Ranger 4.0L	B	2 1	CKP- CKP+
All other vehicles	C	1 2	CKP- CKP+

Powertrain Control Module (PCM) Connector

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

Vehicle	Connector	Pin	Circuit
E-Series 4.6L, E-Series 5.4L, Expedition, F-150, Focus, Navigator	190-Pin	E58 E42	CKP+ CKP-
Edge, MKX	190-Pin	E49 E48	CKP+ CKP-
Escape/Mariner	190-Pin	E34 E62	CKP+ CKP-
Flex, MKS, Sable, Taurus, Taurus X	190-Pin	E47 E46	CKP+ CKP-
Fusion, Milan, MKZ	140 Pin	E47 E46	CKP+ CKP-
All other vehicles	170 Pin	E47 E46	CKP+ CKP-

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