

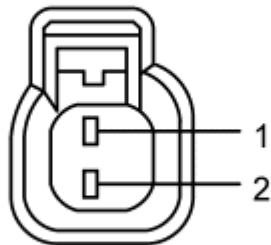
KG: Fuel Injector Introduction

KG: Pinpoint Tests →

This pinpoint test is intended to diagnose the following:

- fuel injector(s) (9F593)
- harness circuits: VPWR and INJ 1 through 10
- powertrain control module (PCM) (12A650)

Injector (INJ) Connector



A0077568

Vehicle	Connector	Pin	Circuit
Fusion 3.0L, Milan 3.0L	A	2 1	INJ VPWR
All other vehicles	A	1 2	INJ VPWR

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, Navigator	190-Pin	E1 E2 E3 E20 E19 E5	INJ1 INJ2 INJ3 INJ4 INJ5 INJ6 INJ7 INJ8

		E4 E35	
E-Series 6.8L, F-Super Duty 6.8L	170 Pin	E52 E35 E53 E36 E54 E37 E55 E38 E56 E39	INJ1 INJ2 INJ3 INJ4 INJ5 INJ6 INJ7 INJ8 INJ9 INJ10
Edge, Flex, MKS, MKX, Sable, Taurus, Taurus X	190-Pin	E52 E35 E53 E36 E54 E37	INJ1 INJ2 INJ3 INJ4 INJ5 INJ6
Escape/Mariner 3.0L	190-Pin	E1 E4 E5 E3 E2 E19	INJ1 INJ2 INJ3 INJ4 INJ5 INJ6
Escape/Mariner 2.5L, Focus	190-Pin	E1 E2 E3 E4	INJ1 INJ2 INJ3 INJ4
Explorer 4.0L, Explorer Sport Trac 4.0L, Mountaineer 4.0L, Mustang 4.0L, Ranger 4.0L	170 Pin	E52 E35 E53 E36 E54 E37	INJ1 INJ2 INJ3 INJ4 INJ5 INJ6
Fusion 3.0L, Milan 3.0L, MKZ	140 Pin	E52 E35 E53 E36 E54	INJ1 INJ2 INJ3 INJ4 INJ5 INJ6

		E37	
Fusion 2.3L, Milan 2.3L	140 Pin	E52 E35 E53 E36	INJ1 INJ2 INJ3 INJ4
Ranger 2.3L	170 Pin	E52 E35 E53 E36	INJ1 INJ2 INJ3 INJ4
All other vehicles	170 Pin	E52 E35 E53 E36 E54 E37 E55 E38	INJ1 INJ2 INJ3 INJ4 INJ5 INJ6 INJ7 INJ8

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