

KC: Fuel Pump Control Module Introduction

[KC: Pinpoint Tests](#) ➔

This pinpoint test is intended to diagnose the following:

- fuel pump control module (9D412)
- fuel pump control module relay
- inertia fuel shutoff (IFS) switch (9341)
- harness circuits: B+, GND, FPC, FPM, FPPWR, FPRTN, VPWR, VPWR Fuel, and PWRGND
- powertrain control module (PCM) (12A650)

Fuel Pump Control Module Connector



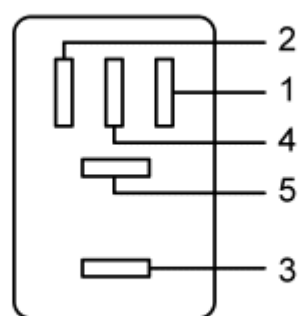
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Vehicle	Connector	Pin	Circuit
Escape/Mariner, Expedition, Navigator	A	7 4 1 8 5 3	FPM PWRGND VPWR Fuel FPRTN FPPWR FPC
All other vehicles	A	6 7 4 1 8 5 3	ENS FPM PWRGND VPWR Fuel FPRTN FPPWR FPC

Fuel Pump Control Module Relay Connector

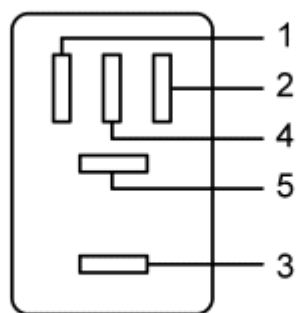
Refer to the Wiring Diagrams Manual for schematic and connector information.

A



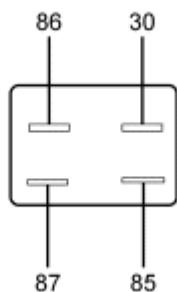
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B



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C

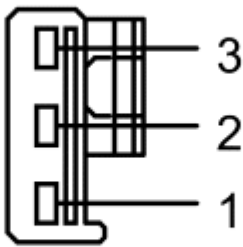


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Vehicle	Connector	Pin	Circuit
E-Series, F-150	A	5	VPWR Fuel
		2	
		1	GND
		3	VPWR B+

Expedition, Navigator	B	5 2 1 3	VPWR Fuel GND VPWR B+
All other vehicles	C	87 85 86 30	VPWR Fuel GND VPWR B+

Inertia Fuel Shutoff (IFS) Switch Connector



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Vehicle	Connector	Pin	Circuit
Escape/Mariner	A	1 2	VPWR Fuel - B VPWR Fuel - A
All other vehicles	A	2 1	VPWR Fuel - B VPWR Fuel - A

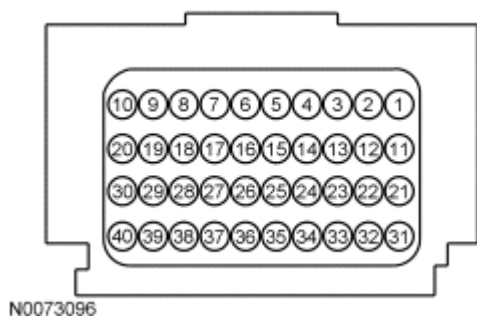
Restraints Control Module (RCM) Connector

A



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B



Vehicle	Connector	Pin	Circuit
E-Series, F-150	A	19	ENS
All other vehicles	B	40	ENS

Powertrain Control Module (PCM) Connector

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

Vehicle	Connector	Pin	Circuit
E-Series 6.8L	170 Pin	B21	FPM
		B12	FPC
Flex, MKS	190-Pin	B30	FPM
		B62	FPC
All other vehicles	190-Pin	B32	FPM
		B19	FPC