

KB: Fuel Pump Driver Module Introduction

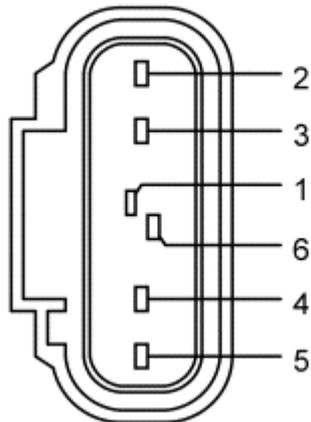
[KB: Pinpoint Tests](#) →

⚠ 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:

- fuel pump driver module (FPDM) (9D370) and (9D372)
- FPDM power supply relay
- inertia fuel shutoff (IFS) switch (9341)
- harness circuits: B+, GND, FPC, FPM, FPM2, FP PWR, FP2PWR, FP RTN, FP2RTN, VPWR Fuel, VPWR Fuel 2, and PWRGND
- powertrain control module (PCM) (12A650)

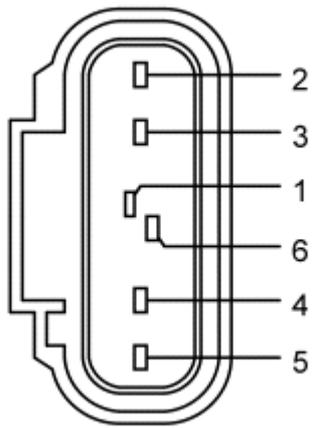
Fuel Pump Driver Module (FPDM) Connector



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Pin	Circuit
2	FPRTN (Fuel Pump Return)
4	FPPWR (Fuel Pump Power)
6	FPC (Fuel Pump Command)
1	FPM (Fuel Pump Monitor)
3	PWRGND (Power Ground)
5	VPWR Fuel

Fuel Pump Driver Module 2 (FPDM2) Connector



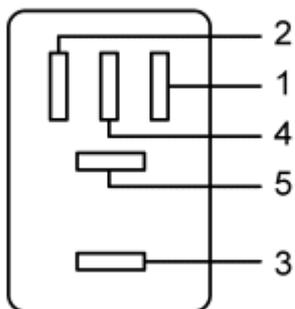
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Pin	Circuit
2	FP2RTN (Fuel Pump 2 Return)
4	FP2PWR (Fuel Pump 2 Power)
6	FPC (Fuel Pump Command)
1	FPM2 (Fuel Pump Monitor 2 - Rear\Secondary Pump)
3	PWRGND (Power Ground)
5	VPWR Fuel 2

Fuel Pump Driver Module Power (FPDM PWR) Relay Connector

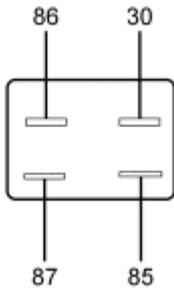
Refer to the Wiring Diagrams Manual for schematic and connector information.

A



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B

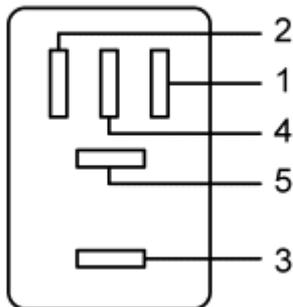


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Vehicle	Connector	Pin	Circuit
Crown Victoria, Grand Marquis, Town Car	A	5 1 2 3	VPWR Fuel GND VPWR B+
F-Super Duty	B	87 85 86 30	VPWR Fuel GND VPWR B+
All other vehicles	A	5 2 1 3	VPWR Fuel GND VPWR B+

Fuel Pump Driver Module 2 Power (FPDM2 PWR) Relay Connector

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

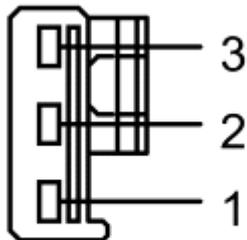


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Pin	Circuit
5	VPWR Fuel 2
2	GND (Ground)

1	VPWR (Vehicle Power)
3	B+ (Battery Positive Voltage)

Inertia Fuel Shutoff (IFS) Switch Connector



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Pin	Circuit
2	VPWR Fuel - A
1	VPWR Fuel - B

Powertrain Control Module (PCM) Connector

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

Vehicle	Connector	Pin	Circuit
Mustang 5.4L	170 Pin	T18	FPM2
		B12	FPC
		B21	FPM
All other vehicles	170 Pin	B12	FPC
		B21	FPM