

DM: Manifold Absolute Pressure (MAP) Sensor Introduction

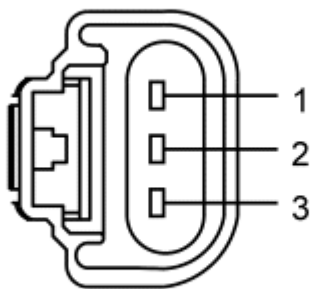
[DM: Pinpoint Tests](#) ➔

This pinpoint test is intended to diagnose the following:

- manifold absolute pressure (MAP) sensor (9F479)
- harness circuits: MAP, SIGRTN, and VREF
- powertrain control module (PCM) (12A650)

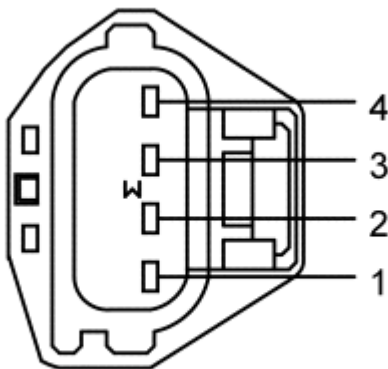
Manifold Absolute Pressure (MAP) Sensor Connector

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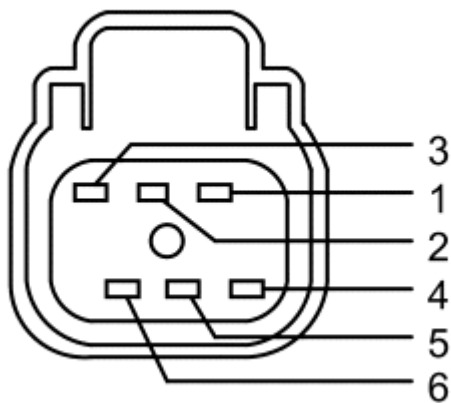
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Vehicle	Connector	Pin	Circuit
Escape/Mariner 3.0L, Fusion 3.0L, Milan 3.0L	A	1 2 3	MAP SIGRTN VREF
All other vehicles	B	1 4 2	MAP SIGRTN VREF

EGR System Module (ESM) Connector



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Pin	Circuit
4	VPWR (Vehicle Power)
3	MAP (Manifold Absolute Pressure)
6	SIGRTN (Signal Return)
2	VREF (Reference Voltage)

Powertrain Control Module (PCM) Connector

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

Vehicle	Connector	Pin	Circuit
Crown Victoria	170 Pin	B35, B36 E57 B41, E58, T41 E62	VPWR VREF SIGRTN MAP
E-Series	190-Pin	B67, B68 E63 B58, E64 E40	VPWR VREF SIGRTN MAP

Escape/Mariner	190-Pin	B67, B68 B52, E35 B56, E49, T41 E40	VPWR VREF SIGRTN MAP
F-150	190-Pin	B67, B68 B52, E63 B58, E64, T43 E40	VPWR VREF SIGRTN MAP
Focus	190-Pin	B67, B68 B52, B66, E63 B58, E64, T40 E40	VPWR VREF SIGRTN MAP
Fusion, Milan	140 Pin	B51, B52 B33, E57 B58, E58 E62	VPWR VREF SIGRTN MAP
All other vehicles	170 Pin	B35, B36 B40, E57 B41, E58, T41 E62	VPWR VREF SIGRTN MAP

DM: Pinpoint Tests ➡
