

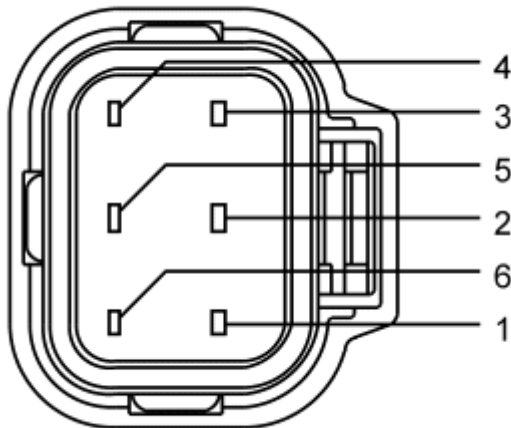
KD: Electric Exhaust Gas Recirculation (EGR) System Introduction

[KD: Pinpoint Tests](#) →

This pinpoint test is intended to diagnose the following:

- EGR system
- EGR stepper motor (9D475)
- harness circuits: EGRMC1, EGRMC2, EGRMC3, EGRMC4 and VPWR
- powertrain control module (PCM) (12A650)

Electric Exhaust Gas Recirculation (EGR) Assembly Connector

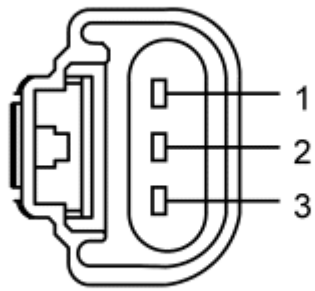


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Pin	Circuit
6	EGRMC4 (EGR Motor Control 4)
4	EGRMC3 (EGR Motor Control 3)
3	EGRMC2 (EGR Motor Control 2)
1	EGRMC1 (EGR Motor Control 1)
5	VPWR (Vehicle Power)
2	VPWR (Vehicle Power)

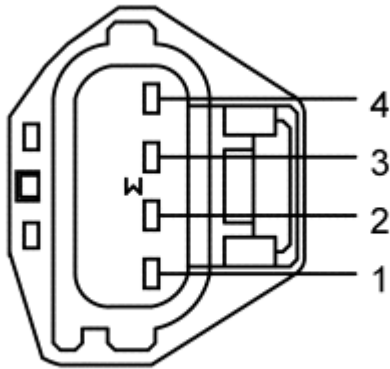
Manifold Absolute Pressure (MAP) Sensor Connector

A



N0025955

B



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

Powertrain Control Module (PCM) Connector

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

Vehicle	Connector	Pin	Circuit
Escape/Mariner	190-Pin	B67 E17	VPWR EGRMC4

		E16 E15 E14	EGRMC3 EGRMC2 EGRMC1
Focus	190-Pin	B67 E56 E54 E37 E36	VPWR EGRMC4 EGRMC3 EGRMC2 EGRMC1
Ranger	170 Pin	B35 E56 E39 E13 E8	VPWR EGRMC4 EGRMC3 EGRMC2 EGRMC1
All other vehicles	140 Pin	B51 E9 E8 E7 E6	VPWR EGRMC4 EGRMC3 EGRMC2 EGRMC1

KD: Pinpoint Tests →
