

HE: Exhaust Gas Recirculation (EGR) Systems

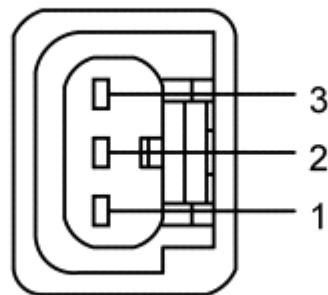
Introduction

[HE: Pinpoint Tests](#) ➔

This pinpoint test is intended to diagnose the following:

- differential pressure feedback exhaust gas recirculation (EGR) sensor (9J460)
- EGR valve (9D460) (9D475)
- EGR vacuum regulator solenoid (9J459)
- orifice tube assembly (9D477)
- differential pressure feedback EGR sensor pressure hoses
- vacuum lines
- harness circuits: VREF, DPFE, SIGRTN, EVR, VPWR, VREF and PWRGND
- powertrain control module (PCM) (12A650)

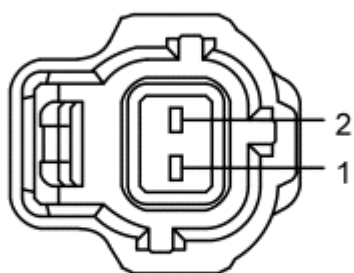
Differential Pressure Feedback EGR Sensor Connector



A0077573

Pin	Circuit
3	DPFE (Differential Pressure Feedback EGR)
2	SIGRTN (Signal Return)
1	VREF (Reference Voltage)

EGR Vacuum Regulator Solenoid Connector



A0077544

Pin	Circuit
2	EVR (EGR Vacuum Regulator)
1	VPWR (Vehicle Power)

Powertrain Control Module (PCM) Connector

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

Vehicle	Connector	Pin	Circuit
Escape/Mariner	190-Pin	B69	PWRGND
		E27	EVR
		E35	VREF
		E49	SIGRTN
		E44	DPFE
Ranger	170 Pin	B47	PWRGND
		E63	EVR
		E57	VREF
		E58	SIGRTN
		E21	DPFE