

FUEL SYSTEM—2.5L DIESEL ENGINE/2.0L GAS ENGINE

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GENERAL INFORMATION

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GENERAL INFORMATION

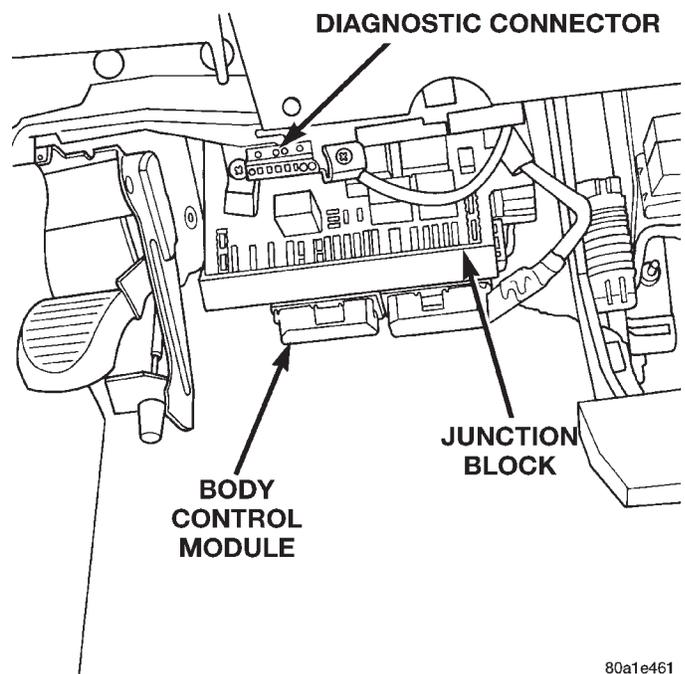
INTRODUCTION—2.5L DIESEL

Certain components of the fuel system on the 2.5L diesel engine are controlled by the Bosch Engine controller which is a Powertrain Control Module (PCM). Refer to Powertrain Control Module in the Fuel Injection System—2.5L Diesel Engine section of this group for a list of items controlled by the PCM. The Body Control Module (BCM) is mounted to a bracket located inside the vehicle under the dashpanel to the left of the steering column (Fig. 1). The PCM is mounted at the base of the center console in front of the Air Bag Module. (Fig. 2).

The **Fuel System** consists of: the fuel tank, fuel injection pump (engine mounted), fuel filter/water separator, fuel tank module, electrical fuel gauge sending unit, glow plugs, glow plug relay, PCM, and all the electrical components that control the fuel system. It also consists of fuel tubes/lines/hoses and fittings, vacuum hoses, and fuel injector(s).

A **Fuel Return System**. A separate fuel return system is used. This will route excess fuel: from the fuel injectors; through individual injector drain tubes; through the fuel injection pump overflow valve; and back to the fuel tank through a separate fuel line.

The **Fuel Tank Assembly** consists of: the fuel tank, two pressure relief/rollover valves, fuel filler



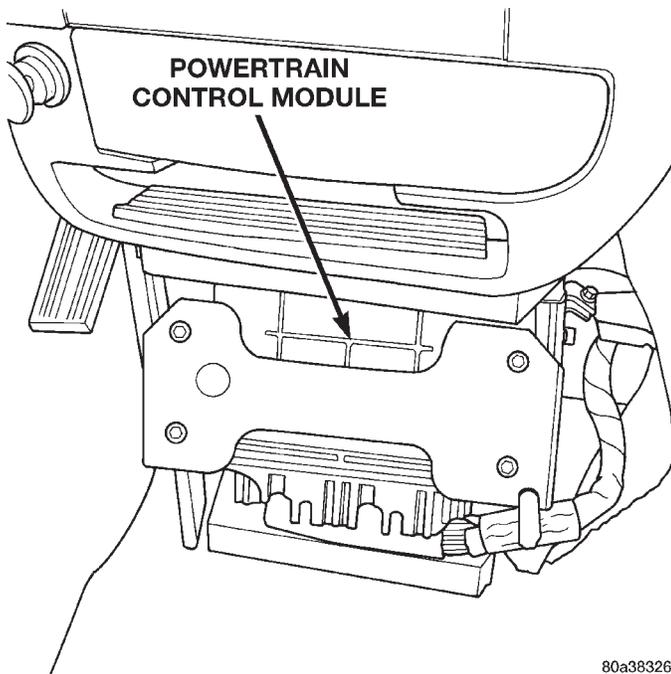
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Fig. 1 BCM Location

tube, fuel tank module containing a fuel gauge sending unit, and a pressure-vacuum filler cap.

INTRODUCTION—2.0L ENGINE

Refer to the introduction in group 14 for the 2.4/3.0/3.3/3.8 engines.

GENERAL INFORMATION (Continued)

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Fig. 2 PCM Location**FUEL REQUIREMENTS—2.5L DIESEL**

Refer to the Lubrication and Maintenance section of this manual for information. Also refer to the Owner Manual.

FUEL REQUIREMENTS—2.0L ENGINE

Your vehicle was designed to meet all emission regulations and provide excellent fuel economy when using high quality unleaded gasoline.

Use high quality unleaded gasoline with a minimum research octane rating of 91.

The vehicle will operate on fuels ranging from unleaded fuel having a minimum research octane of 91 to super unleaded fuel with a minimum research octane of 98.

GASOLINE/OXYGENATE BLENDS

Refer to Gasoline/Oxygenate blends for the 2.4/3.0/3.3/3.8 engines in group 14.