

**Haynes**
shows you how

BMW 3-Series (92-98) & Z3 (96-98) Haynes Online Manual

1 General information and precautions

General information

The fuel supply system consists of a fuel tank (which is mounted under the rear of the vehicle, with an electric fuel pump immersed in it), a fuel filter, and fuel feed and return lines. The fuel pump supplies fuel to the fuel rail, which acts as a reservoir for the four fuel injectors which inject fuel into the intake ports. The fuel filter incorporated in the feed line from the pump to the fuel rail ensures that the fuel supplied to the injectors is clean.

Refer to [Section 6](#) for further information on the operation of the fuel injection system, and to [Section 14](#) for information on the exhaust system.

Precautions

Warning:

Gasoline is extremely flammable, so take extra precautions when you work on any part of the fuel system. Don't smoke or allow open flames or bare light bulbs near the work area, and don't work in a garage where a gas-type appliance (such as a water heater or a clothes dryer) is present. Since gasoline is carcinogenic, wear latex gloves when there's a possibility of being exposed to fuel, and, if you spill any fuel on your skin, rinse it off immediately with soap and water. Mop up any spills immediately and do not store fuel-soaked rags where they could ignite. When you perform any kind of work on the fuel system, wear safety glasses and have a Class B type fire extinguisher on hand.

Warning:

Residual pressure will remain in the fuel lines long after the vehicle was last used. When disconnecting any fuel line, first depressurize the fuel system (see Section 7).

© 2024 Haynes Manuals, Inc. Contact us