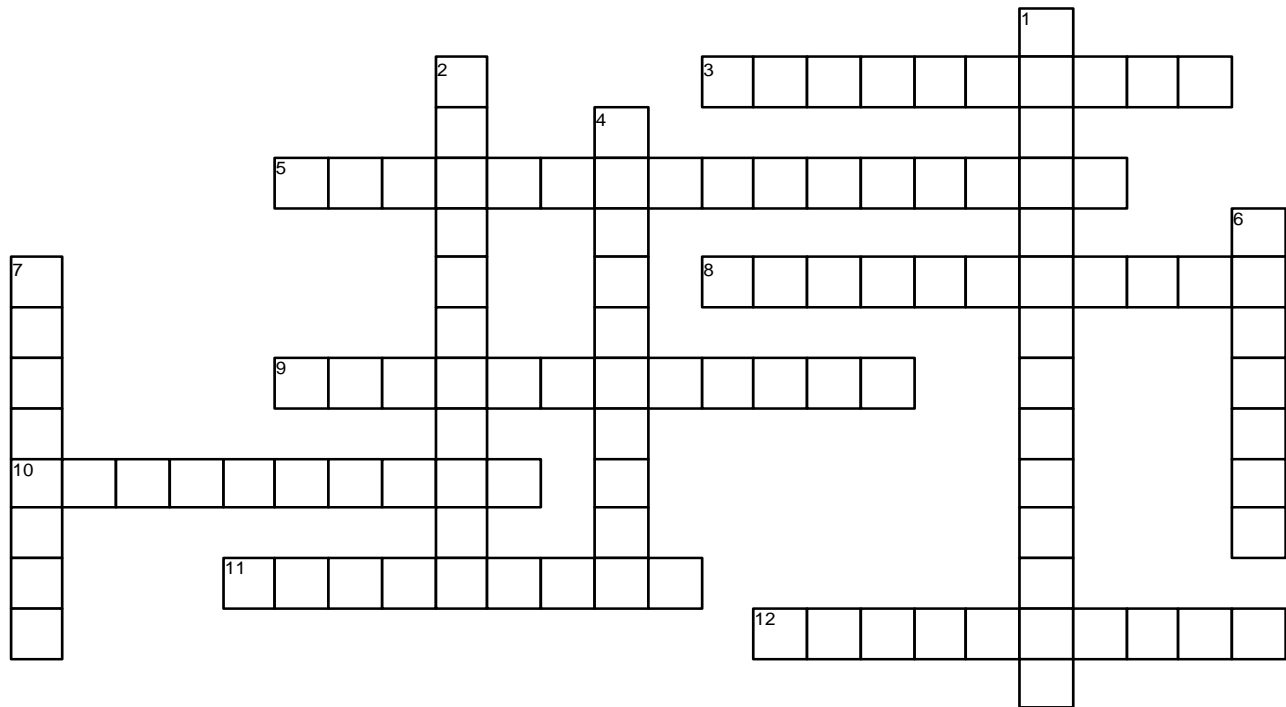


Fuel Supply and Low Pressure Fuel Systems

Chapter 12



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ACROSS

- 3 Many manufacturers incorporate a ____ ____ into a filter housing to prevent fuel from gelling in cold weather.
- 5 The fuel ____ ____ contain the filter elements, water separators, and temperature regulators that are all designed to condition the diesel fuel for proper operation in the fuel system.
- 8 The ____-____ lines are designed to safely deliver the diesel fuel from the tank to the high-pressure delivery system.
- 9 The ____ ____, also called a lift pump, is designed to supply fuel to the high-pressure fuel delivery system.
- 10 The ____ ____-__ on a vehicle with a diesel engine is unique when compared to a vehicle with a gasoline engine. the design prevents the accumulation of sediment, water, and other microorganisms that grow in diesel fuel tanks from restricting the pick-up.
- 11 The ____-____ sending unit is designed to measure the level of fuel in the tank.
- 12 Most fuel systems that use a high-pressure injection system incorporate a ____ ____ in the low-pressure return line prior to the fuel tank.

DOWN

- 1 The ____ ____ is incorporated into the primary fuel filter housing. It provides a mechanism to hold and drain the water that has been separated from the fuel.
- 2 The ____-__-____ sensor is a conductive probe. The conductivity of water is much greater than diesel fuel.
- 4 Some diesel applications will have a ____-____ tank. this design has reservoirs on opposite sides of the vehicle that are connected by a section above the driveshaft.
- 6 In saddle-type fuel tanks, a ____ ____ is on the opposite side of the tank of the delivery pump that siphons fuel off the opposite side of the tank to ensure both sides of the tank supply the delivery pump.
- 7 the ____ ____ is used to store fuel until it is needed in the engine.