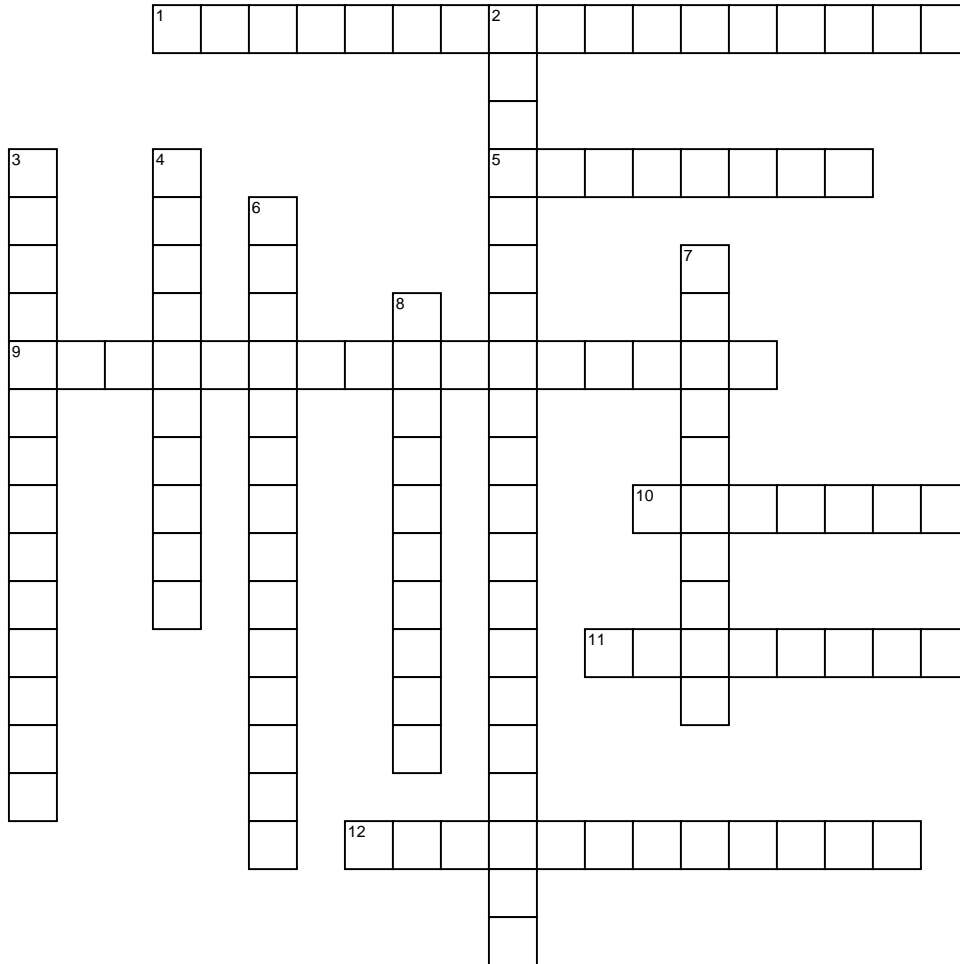


Chapter 12

Fuel Supply and Low Pressure Fuel Systems



ACROSS

- 1 The _____ is a conductive probe. The conductivity of water is much greater than diesel fuel.
- 5 The _____ pushes the fuel through the filtration system to the high-pressure pump at the correct pressure and with adequate volume.
- 9 The _____ are designed to safely deliver the diesel fuel from the tank to the high-pressure delivery system.
- 10 A _____ is on the opposite side of the tank of the delivery pump.
- 11 The _____ is used to store fuel until it is needed in the engine.
- 12 If a filter is located between the _____ and the fuel tank, a vacuum gauge can be used to measure the restriction between the filter and the tank.

DOWN

- 2 The _____ is designed to measure the level of fuel in the tank.
- 3 Some diesel applications will have a _____. This design has reservoirs on opposite sides of the vehicle that are connected by a section above the driveshaft.
- 4 The fuel pump module contains the low-pressure pump and regulator, the fuel-level sending unit, and _____.
- 6 The _____ is incorporated into the primary fuel filter housing.
- 7 Many manufacturers incorporate a _____ into a filter housing to prevent fuel from gelling in cold weather.
- 8 Most fuel systems that use a highpressure injection system incorporate a _____ in the low-pressure return line prior to the fuel tank.