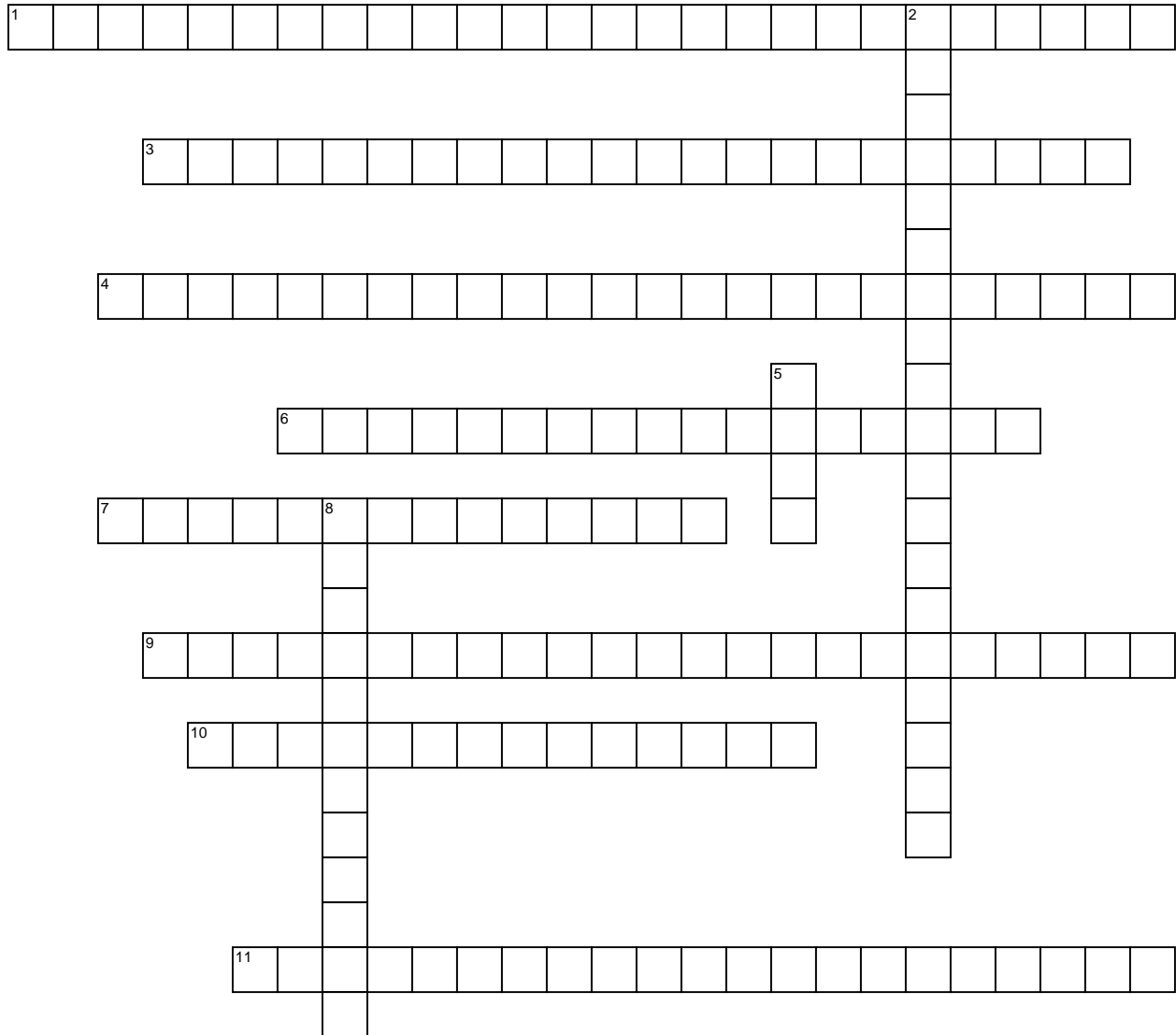


Chapter 23

Duramax Diesel Engines



ACROSS

- 1 Each fuel injector has an _____ code. The code is marked on each injector, which indicates the flow rate of the injector to the PCM.
- 3 From the fuel tank, fuel is drawn through the lines to the _____.
- 4 The head gaskets used in the Duramax diesel engines are _____.
- 6 The _____ is used to control both the bypass coolant flow when the engine is cold and the flow through the radiator when the engine is hot.
- 7 The oil change interval is determined by using the _____.
- 9 The 2001–2004 model years version was labeled LB7 because this was the _____ code used for this engine model.
- 10 The L5P Duramax diesel engine features cast

aluminum pistons that have the bowl rim of the _____ used to reduce the grain size of the aluminum and to create a more consistent grain structure for greater strength.

- 11 The _____ controls the operation of the glow plugs and its location varies by application.

DOWN

- 2 The _____ is used to restrict the flow of coolant through the radiator when it is closed.
- 5 The engines are built by a GM and Isuzu partnership company called _____, a joint venture in Moraine near Dayton in southwest Ohio.
- 8 Because the low-pressure fuel system is under a vacuum, air can enter the system through small holes or loose fittings, yet fuel will not leak. This situation is called _____.