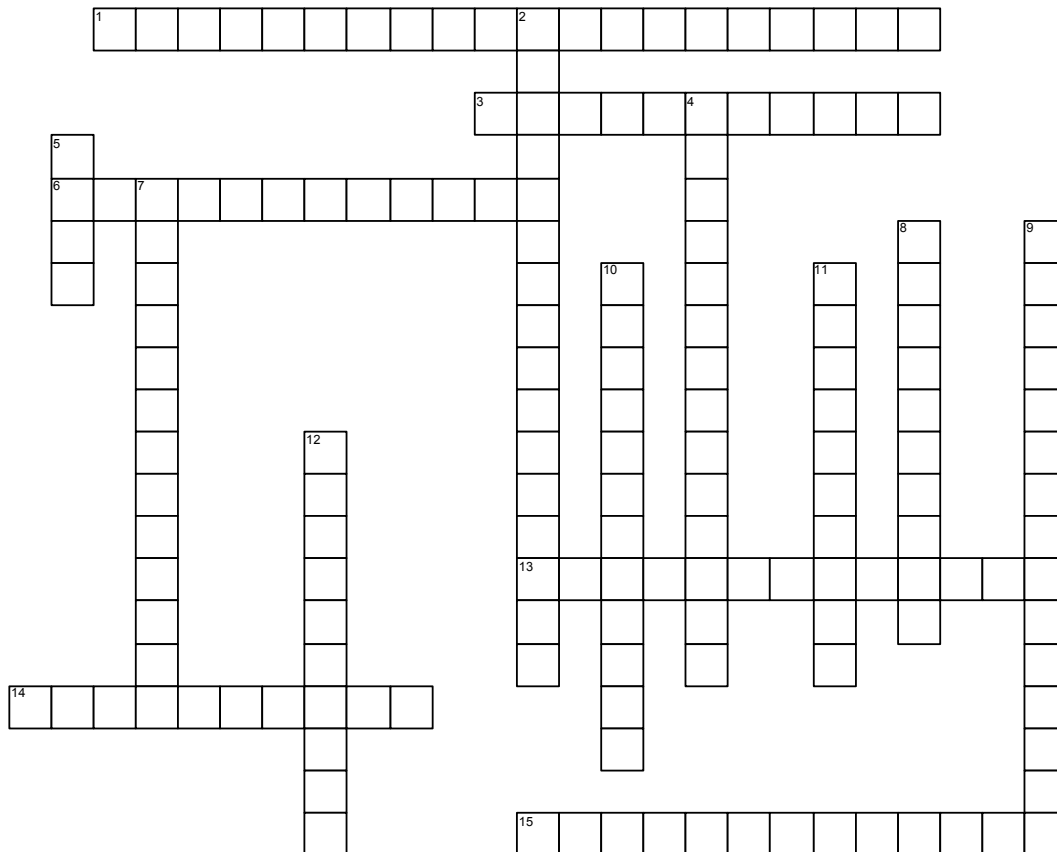


Engine Assembly And Dynamometer Testing

Chapter 37



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ACROSS

- 1 The _____ is put on the piston to hold the rings in their grooves during installation.
- 3 Another name for expansion plugs are _____.
- 6 During engine assembly, the internal parts should be lubricated with _____.
- 13 Many engines use a tightening procedure called the _____ method.
- 14 Another name for freeze plugs are _____.
- 15 _____ is the amount of force exerted on a gasket.

DOWN

- 2 A _____ is a value that is multiplied to the data values so that engine performance can be compared regardless of weather conditions.
- 4 Another name for soft core plugs are _____.
- 5 The valve clearance or _____ must be set on a solid lifter engine, so that the valves can positively seat.
- 7 Core holes are left in the external block wall are machined and sealed with _____.
- 8 _____ is used to cover bare metal parts when the engine is being stored to prevent corrosion.
- 9 _____ is a calculated number determined by the actual torque multiplied by the correction factor.
- 10 The surface finish of the block and _____ depends on the type of gasket being used.
- 11 During trial assembly of the _____, before performing final engine assembly, the wise technician checks that all parts will fit and work.
- 12 A _____ is a device that is able to convert various input signals such as pressures and temperature into an electrical signal that a computer can recognize.