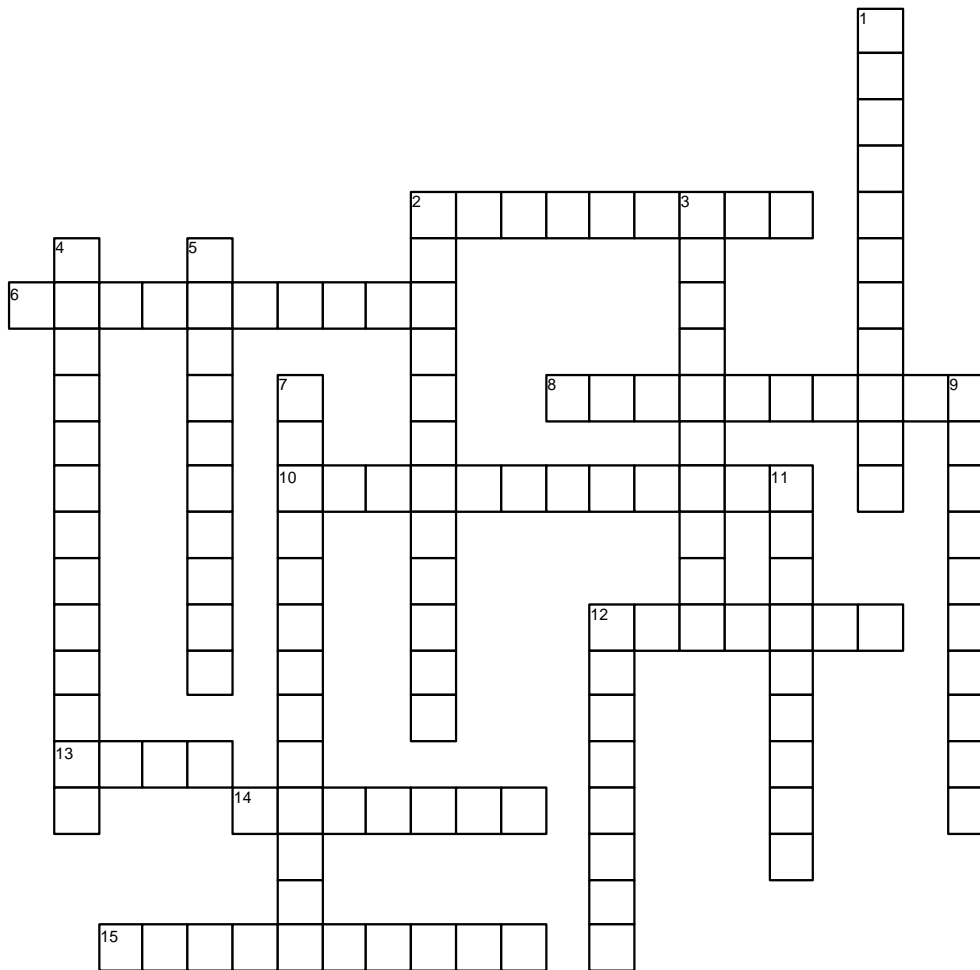


# Engine Assembly And Dynamometer Testing

## Chapter 34



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### ACROSS

- 2 \_\_\_\_\_ torque is a calculated number determined by the actual torque multiplied by the correction factor.
- 6 \_\_\_\_\_ is used to cover bare metal parts when the engine is being stored to prevent corrosion.
- 8 Another name for freeze plugs are \_\_\_\_\_.
- 10 During engine assembly, the internal parts should be lubricated with \_\_\_\_\_.
- 12 If the \_\_\_\_\_ finish is too smooth, the gasket can move out of proper location, causing leakage.
- 13 The valve clearance or \_\_\_\_\_ must be set on a solid lifter engine, so that the valves can positively seat.
- 14 \_\_\_\_\_ oil is used to cover bare metal parts when the engine is being stored to prevent corrosion.
- 15 A \_\_\_\_\_ factor is a value that is multiplied to the data values so that engine performance can be compared regardless of weather conditions.

### DOWN

- 1 Another name for expansion plugs are \_\_\_\_\_.
- 2 The surface finish of the block and \_\_\_\_\_ depends on the type of gasket being used.
- 3 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.
- 4 Many engines use a tightening procedure called the \_\_\_\_\_ method.
- 5 The \_\_\_\_\_ compressor is put on the piston to hold the rings in their grooves during installation.
- 7 \_\_\_\_\_ is the amount of force exerted on a gasket.
- 9 During trial assembly of the \_\_\_\_\_, before performing final engine assembly, the wise technician checks that all parts will fit and work.
- 11 Another name for soft core plugs are \_\_\_\_\_ plugs.
- 12 Core holes are left in the external block wall are machined and sealed with \_\_\_\_\_ plugs.