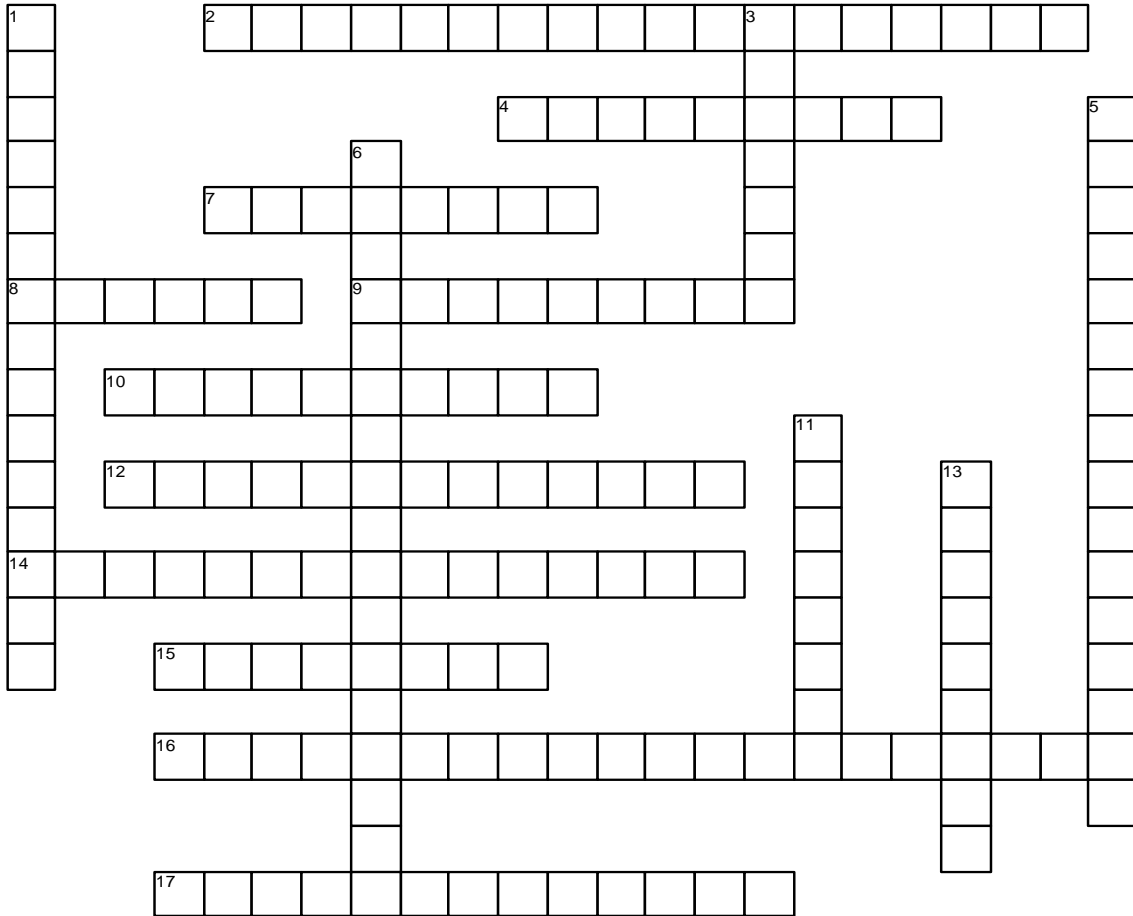


# Engine Blocks

## Chapter 34



www.CrosswordWeaver.com

### ACROSS

- 2 Sleeves that are not in contact with the coolant passages are called \_\_\_\_\_.
- 4 The cylinder head is fastened to the top surface of the block, called the \_\_\_\_\_.
- 7 Cylinder blocks with deep gouges may be able to be salvaged by \_\_\_\_\_ the cylinder.
- 8 Many engines use a \_\_\_\_\_ which ties all of the main bearing caps together to add strength to the lower part of the block.
- 9 Another name for freeze plugs are \_\_\_\_\_.
- 10 During manufacture, all oil holes, called the \_\_\_\_\_, are drilled from outside the block.
- 12 Coolant passages around the cylinders are often called the \_\_\_\_\_.
- 14 After oil holes are drilled, the

unnneeded open ends may be capped by pipe plugs, steel balls, or cup-type soft plugs, often called \_\_\_\_\_.

- 15 The size of the abrasive is called the \_\_\_\_\_.
- 16 Some engines are built with \_\_\_\_\_ where the cylinder walls are cast together without a water jacket between the cylinders.
- 17 The process of using a coarse and fine stone is called \_\_\_\_\_.

### DOWN

- 1 The block deck must be resurfaced in a surfacing machine that can control the amount of metal removed when it is necessary to match the size of the combustion chambers, this procedure is called \_\_\_\_\_.

- 3 Main bearing bores are called \_\_\_\_\_.
- 5 The hone is stroked up and down in the cylinder as it rotates to produce a \_\_\_\_\_ on the cylinder wall which aides in proper ring break-in.
- 6 Coolant flows around the cylinder sleeve, so this type of sleeve is called a \_\_\_\_\_.
- 11 A \_\_\_\_\_ is a structural member that attaches to the bottom of the block and supports the crankshaft.
- 13 Blocks are often of the \_\_\_\_\_ design, which means that the cylinder, water jacket, main bearing supports, and oil passages are all cast as one structure for strength and quietness.