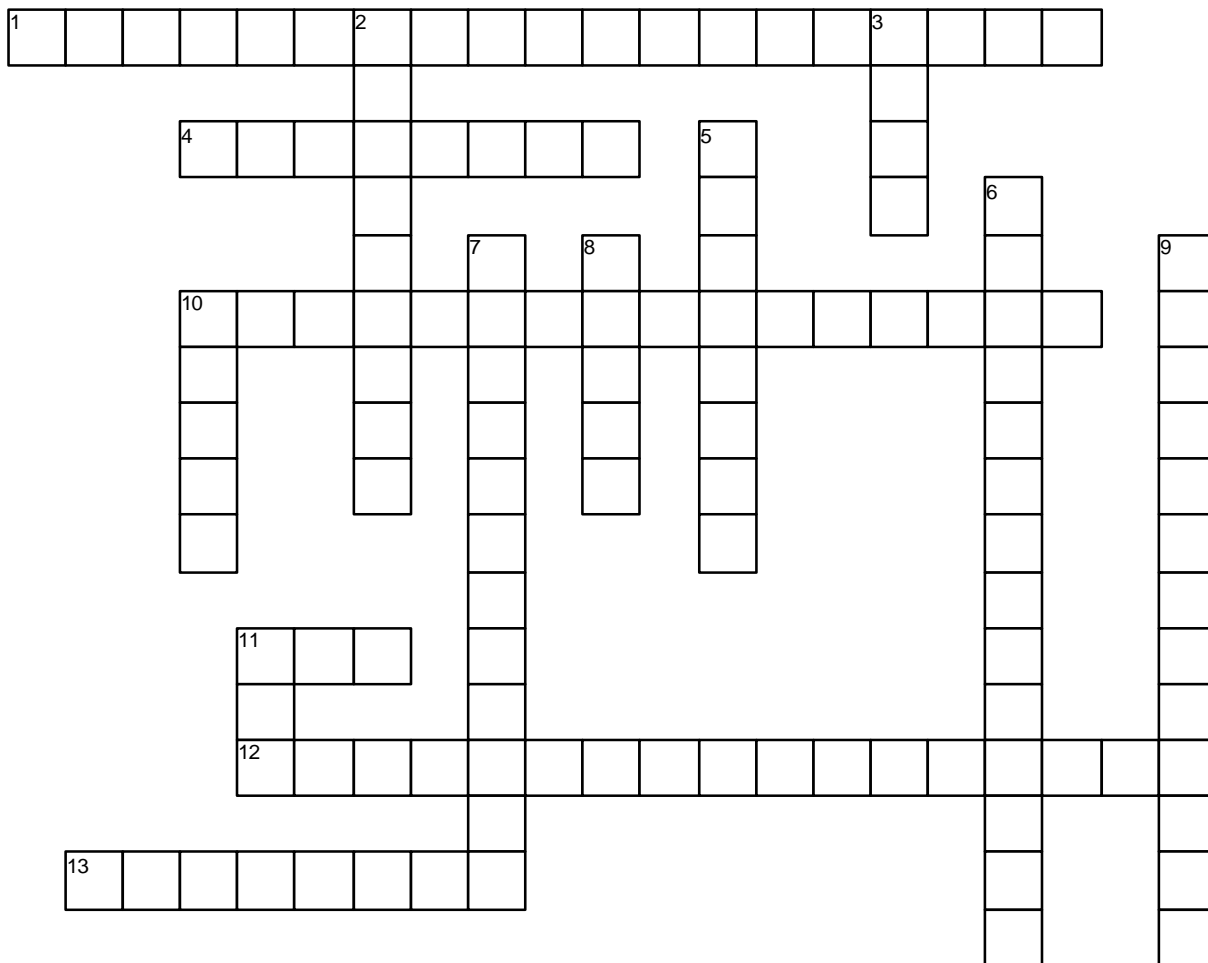


# Gaskets And Sealants

## Chapter 33



<http://jameshalderman.com>

### ACROSS

- 1 A \_\_\_\_\_ gasket uses a wire mesh core with fiber facings.
- 4 \_\_\_\_\_ is a condition that can destroy intake manifold gaskets, caused by the unequal expansion and contraction of two different engine materials.
- 10 \_\_\_\_\_ cure in the absence of air.
- 11 \_\_\_\_\_ means that the silicone rubber material will cure at room temperature.
- 12 The \_\_\_\_\_ gaskets are constructed with three to five layers of stainless steel sheets separated by elastomer material.
- 13 Another name for the metal armor around the combustion chamber is the \_\_\_\_\_.

### DOWN

- 2 \_\_\_\_\_ is used for stainless steel and other metal applications in harsh chemical environments.
- 3 Older engines of ten used gaskets made from \_\_\_\_\_.
- 5 \_\_\_\_\_ allow the shaft to rotate and seal the area around the shaft to prevent oil or coolant from leaking.
- 6 Most head gaskets are called \_\_\_\_\_-\_\_\_\_\_ gaskets, meaning the cylinder head bolts do not have to be retorqued after the engine has run.
- 7 \_\_\_\_\_ sealant allows for repeated disassembly and reassembly.
- 8 Some oil pans use \_\_\_\_\_ gaskets.
- 9 \_\_\_\_\_ gaskets are commonly used because they can be applied at the engine plant using a robot.
- 10 The fiber facing is protected around the combustion chamber with a metal \_\_\_\_\_.
- 11 The \_\_\_\_\_ gasket uses a metal core to give strength to the gasket.