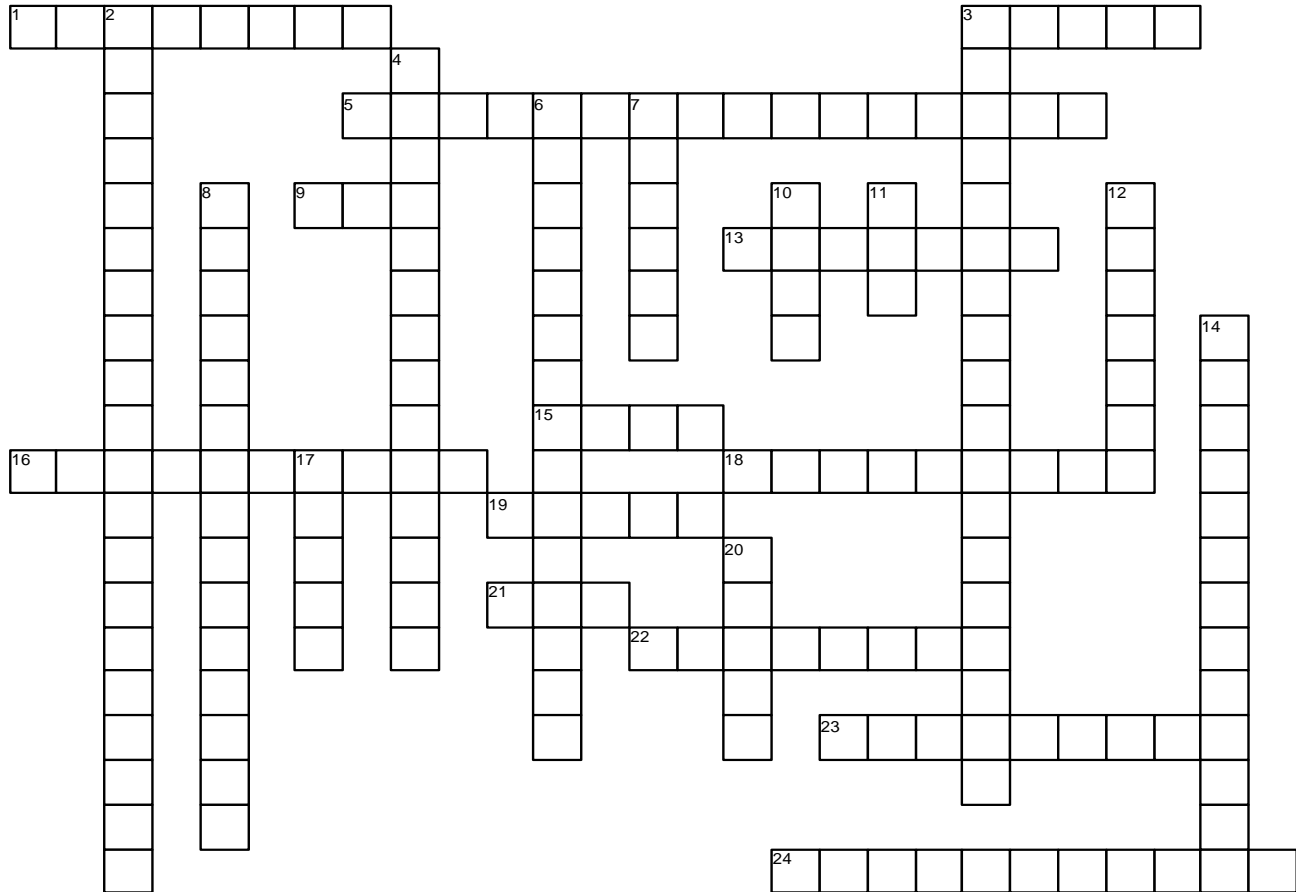


Fasteners And Thread Repair

Chapter 3



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ACROSS

- 1 The most common type of rivet is called a _____ because as the rivet tool applies a force to the shaft of the rivet, it causes the rivet to expand and tighten the two pieces together.
- 3 The fastener size is measured across the outside of the threads, called the _____ of the thread.
- 5 Another name for sheet metal screws are _____.
- 9 A _____ is used to cut threads on round rods or studs.
- 13 _____ screw on top of a regular nut to prevent loosening.
- 15 A _____ is a short rod with threads on both ends.
- 16 _____ are used to keep linkage or a threaded nut in place or to keep it retained.
- 18 Most of the threaded fasteners used on vehicles are _____.
- 19 The strength or classification of a bolt

is called the _____.

- 21 The fine fractional threads are called _____.
- 22 One of the best known of the helical fasteners is the _____.
- 23 _____ are not threaded fasteners, but instead attach with a springlike action.
- 24 The size of a _____ is specified by the letter M followed by the diameter in millimeters across the outside of the threads.

DOWN

- 2 Most "locking nuts" are grouped together and are commonly referred to as _____.
- 3 Interior door panels and other trim pieces are usually held in place with plastic clips called _____.
- 4 _____ is a lightweight lubricant similar to kerosene, which

soaks into small crevices in the threads by capillary action.

- 6 _____ is the maximum stress used under tension without using failure of the fastener.
- 7 Another name for a jam nut is a _____.
- 8 _____ are tubular, case-hardened, solid steel wall pieces that are threaded inside and outside.
- 10 _____ are used to cut threads in holes drilled to an exact size.
- 11 The coarse fractional threads are called _____.
- 12 _____ are often used under cap screw heads and under nuts.
- 14 A _____ looks like a small, stainless steel spring.
- 17 Standard combinations of sizes and number of threads per inch, called _____, are used.
- 20 Automotive service technicians usually refer to fasteners as _____, regardless of how they are used.