ACROSS

1 A ______ has a straight, sharp cutting end that is used for cutting off rivets or to separate two pieces of an assembly.
4 A ______ or campaign is issued by a vehicle manufacturer and a notice is sent to all owners in the event of a safety-related fault or concern.
6 A ______ fits over the fastener and grips the points and/or flats of the bolt or nut.
8 ______ ______ is the maximum stress used under tension without causing the failure of a fastener.
10 ______ are the female part of a threaded fastener.
13 Whenever a fastener is difficult to remove, some technicians will insert the handle of a ratchet or a breaker bar into a length of steel pipe sometimes called a ________.
14 Often, a ____ will have coarse threads on one end and fine threads on the other end.

DOWN

1 Whenever diagnosing an engine operating fault, it is often necessary to use the ______ _____ to be sure that the vehicle is the subject of a technical service bulletin or other service procedure.
2 ______ are used to smooth metal and are constructed of hardened steel with diagonal rows of teeth.
3 ______ ______ can be used to identify the part and check dimensions such as the cubic inch displacement and other information, such as the year of manufacture.
5 The size of a ______ ____ is specified by the letter M followed by the diameter in millimeters (mm) across the outside of the threads.
7 Service technicians are often asked to fabricate sheet metal brackets or heat shields and need to use one or more types of cutters available called ______.
9 ______ are issued by the vehicle manufacturer to notify service technicians of a problem and include the necessary corrective action.
11 The _____ label under the hood of the vehicle shows information settings and emission hose routing information.
12 The strength or classification of a bolt is called the ______.