Hand Tools
Chapter 9

ACROSS

2 A ______ fits over the fastener and grips the points and/or flats of the bolt or nut.

4 An ______ is often used where the exact size wrench is not available or when a large nut, such as a wheel spindle nut, needs to be rotated but not tightened.

6 Socket extensions and ______ ______ are also used with sockets to allow access to fasteners in restricted locations.

8 Another name for multi-groove adjustable pliers is ______ ______.

9 Another name for a box-end wrench is ______ ______.

11 For gripping larger objects, a set of ______ ______ is a commonly used tool of choice by many service technicians.

12 The common household type of pliers is called the ______ ______.

14 ______ ______ are the most used hand tool by service technicians.

15 Another name for a line wrench is a ______ ______.

16 ______ ______ are adjustable pliers that can be locked to hold objects from moving.

17 A ______ ______ is first set to the specified torque and then it "clicks" when the set torque value has been reached.

19 ______ ______ uses a replaceable blade and is used to cut a variety of materials such as carpet, plastic, wood, and paper products, such as cardboard.

20 ______ ______ are designed for cutting only.

21 The most commonly used screwdriver is called the ______ ______.

23 The socket is rotated using either a long bar or a ______.

DOWN

1 ______ ______ are used to apply a known amount of force to the fastener.

3 A ______ ______ is a socket that is designed to grip small objects or objects in tight locations.

5 ______ ______ are used to remove and install snap rings.

6 ______ ______ uses a replaceable blade and is used to cut a variety of materials such as carpet, plastic, wood, and paper products, such as cardboard.

7 Many smaller fasteners are removed and installed by using a ______ ______.

8 Smaller fasteners are removed and installed using a ______ ______.

10 ______ ______ are designed to grip small objects or objects in tight locations.

12 The common household type of pliers is called the ______ ______.

18 Sockets are available in various ______ ______, including 1/4 in., 3/8 in., and 1/2 in. sizes for most automotive use.

21 The most commonly used screwdriver is called the ______ ______.

23 The socket is rotated using either a long bar or a ______.