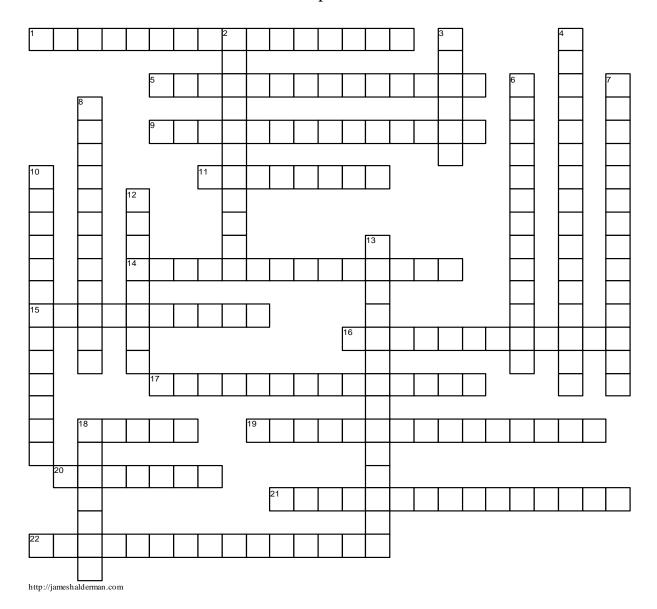
Hand Tools

Chapter 4



ACRUSS					the exact size wrench is not available or
		18	are used to smooth metal and are		when a large nut, such as a wheel spindle
1	are designed to grip		constructed of hardened steel with diagonal		nut, needs to be rotated but not tightened.
	small objects or objects in tight locations.		rows of teeth.	6	are adjustable pliers that
5	Another name for a line wrench is a	19	Another name for multigroove adjustable		can be locked to hold objects from moving.
	·		pliers is	7	are socket turning
9	A is a socket that is an	20	The socket is rotated using either a long bar		handles that are designed to apply a known
	open-end or line wrench to allow access to		or a		amount of force to the fastener.
	fasteners that cannot be reached using a	21	Socket extensions and	8	A uses a replaceable blade
	conventional wrench.		are also used with sockets to allow access		and is used to cut a variety of materials
11	are the most used hand tool by		to fasteners in restricted locations.		such as carpet, plastic, wood, and paper
	service technicians.	22	The common household type of pliers is		products, such as cardboard.
14	are used to remove and		called the	10	An is often used to loosen
	install snap rings.				or tighten bolts or nuts that do not require a
15	Sockets are available in various	DC	WN		lot of torque.
	, including 1/4 in., 3/8 in., and 1/2 in.			12	Another name for a box-end wrench is a
	sizes for most automotive use.	2	Many smaller fasteners are removed and		wrench.
16	A is placed over the top of		installed by using a	13	are designed for cutting
	the fastener and grips the points of the	3	A fits over the fastener and grips		only.
	fastener.		the points and/or flats of the bolt or nut.	18	The most commonly used screwdriver is
17	A shot-filled plastic hammer is called a	4	An is often used where		called a

