

Automotive Technology 6th Edition

Chapter 9 – Hand Tools

Lesson Plan



CHAPTER SUMMARY:

1. Wrenches, ratchets, sockets, and extensions
 2. Screwdrivers, hammers, mallets, and pliers
 3. Cutters, punches, chisels, removers, and hacksaws
 4. Specialty tools, safety tips, and hand tool maintenance
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OBJECTIVES:

1. Compare the different types of wrenches.
 2. discuss the purpose of ratchets, sockets, and extensions, and screwdrivers.
 3. discuss the purpose of hammers, mallets, and pliers. Explain the characteristics of cutters, punches, chisels, removers, and hacksaws.
 4. list the basic tools a service technician should possess.
 5. describe the purpose of specialty tools such as seal pullers, seal drivers, and electrical hand tools.
 6. discuss the safety tips for using hand tools and hand tool maintenance.
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RESOURCES: (All resources may be found at <http://www.jameshalderman.com>) Internet access required to hyperlink.

1. **Task Sheet:** Hand Tool Identification
 2. Chapter PowerPoint
 3. Chapter Crossword Puzzle and Word Search
 4. Videos: [\(A0\) Automotive Fundamentals Videos](#)
 5. Animations: [\(A0\) Automotive Fundamentals Animations](#)
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ACTIVITIES:

1. **Task Sheet:** Have students complete Hand Tool Identification Task Sheet.
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ASSIGNMENTS:

1. Chapter crossword and word search puzzles.
 2. Complete end of chapter 10 question quiz.
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CLASS DISCUSSION:

1. Review and group discussion chapter [Frequently Asked Questions](#) and [Tech Tips](#) sections.
 2. Review and group discussion of the five (5) chapter [Review Questions](#).
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NOTES AND EVALUATION:
